

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039435.D
 Acq On : 22 Dec 2023 13:24
 Operator : JC/MD
 Sample : VX1222WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222WBSD01

Quant Time: Dec 23 06:23:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/27/2023
 Supervised By : Mahesh Dadoda 12/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	108494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	200975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97007	48.808	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.620%		
35) Dibromofluoromethane	5.385	113	70074	50.470	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.940%		
50) Toluene-d8	8.647	98	260427	50.523	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.040%		
62) 4-Bromofluorobenzene	11.079	95	104211	49.000	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29929	19.631	ug/l	99
3) Chloromethane	1.294	50	33679	19.927	ug/l	99
4) Vinyl Chloride	1.374	62	31831	20.250	ug/l	95
5) Bromomethane	1.605	94	21301	23.554	ug/l	100
6) Chloroethane	1.691	64	18532	19.564	ug/l	96
7) Trichlorofluoromethane	1.886	101	45485	19.762	ug/l	99
8) Diethyl Ether	2.130	74	17543	22.022	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	27671	19.701	ug/l	95
10) Methyl Iodide	2.453	142	26985	18.587	ug/l	95
11) Tert butyl alcohol	2.947	59	45110	90.382	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	26704	19.140	ug/l	96
13) Acrolein	2.233	56	43391	108.977	ug/l	98
14) Allyl chloride	2.660	41	52524	18.584	ug/l	98
15) Acrylonitrile	3.056	53	100930	101.029	ug/l	99
16) Acetone	2.374	43	106644	75.928	ug/l	92
17) Carbon Disulfide	2.514	76	73005	17.881	ug/l	100
18) Methyl Acetate	2.697	43	85837	19.967	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	99895	19.798	ug/l	100
20) Methylene Chloride	2.788	84	32587	19.668	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	29842	19.657	ug/l	98
22) Diisopropyl ether	3.751	45	105837	20.572	ug/l	91
23) Vinyl Acetate	3.715	43	391125	102.117	ug/l	98
24) 1,1-Dichloroethane	3.605	63	56035	19.267	ug/l	99
25) 2-Butanone	4.544	43	152201	88.742	ug/l	99
26) 2,2-Dichloropropane	4.465	77	44669	17.593	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	33131	19.772	ug/l	97
28) Bromochloromethane	4.891	49	30525	21.511	ug/l	91
29) Tetrahydrofuran	4.995	42	94931	100.228	ug/l	99
30) Chloroform	5.093	83	56644	19.490	ug/l	99
31) Cyclohexane	5.471	56	50360	19.617	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	46695	18.508	ug/l	98
36) 1,1-Dichloropropene	5.690	75	42464	19.381	ug/l	99
37) Ethyl Acetate	4.708	43	53645	19.818	ug/l	99
38) Carbon Tetrachloride	5.672	117	37297	17.838	ug/l	96
39) Methylcyclohexane	7.373	83	50644	19.243	ug/l	98
40) Benzene	6.037	78	121769	19.647	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	29061	20.122	ug/l	95
42) 1,2-Dichloroethane	6.080	62	49859	19.874	ug/l	99
43) Isopropyl Acetate	6.336	43	85775	19.487	ug/l	99
44) Trichloroethene	7.123	130	29509	18.868	ug/l	97
45) 1,2-Dichloropropane	7.428	63	33051	19.870	ug/l	100
46) Dibromomethane	7.580	93	23536	20.129	ug/l	94
47) Bromodichloromethane	7.818	83	43332	19.382	ug/l	97
48) Methyl methacrylate	7.690	41	51752	20.111	ug/l	97
49) 1,4-Dioxane	7.659	88	13727	395.735	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	288634	102.916	ug/l	97
52) Toluene	8.714	92	74437	19.899	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	47563	19.324	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	50855	19.202	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	31589	20.227	ug/l	99
56) Ethyl methacrylate	9.116	69	40194	21.083	ug/l	99
57) 1,3-Dichloropropane	9.305	76	55687	20.626	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	118191	105.579	ug/l	94
59) 2-Hexanone	9.427	43	225579	93.197	ug/l	99
60) Dibromochloromethane	9.519	129	29160	18.463	ug/l	97
61) 1,2-Dibromoethane	9.604	107	33995	20.391	ug/l	98
64) Tetrachloroethene	9.275	164	23520	18.833	ug/l	95
65) Chlorobenzene	10.079	112	79085	18.959	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	27338	18.554	ug/l	99
67) Ethyl Benzene	10.195	91	149609	19.268	ug/l	98
68) m/p-Xylenes	10.299	106	108041	38.808	ug/l	94
69) o-Xylene	10.640	106	50883	18.903	ug/l	89
70) Styrene	10.653	104	76184	19.360	ug/l	95
71) Bromoform	10.799	173	19049	17.393	ug/l #	100
73) Isopropylbenzene	10.963	105	140321	19.021	ug/l	99
74) N-amyl acetate	10.842	43	71325	19.109	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	54330	19.797	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	45941m	18.571	ug/l	
77) Bromobenzene	11.195	156	31349	19.217	ug/l	91
78) n-propylbenzene	11.305	91	173575	19.097	ug/l	97
79) 2-Chlorotoluene	11.366	91	100891	18.351	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	121115	19.272	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	13951	15.909	ug/l	99
82) 4-Chlorotoluene	11.451	91	123336	19.100	ug/l	97
83) tert-Butylbenzene	11.713	119	110656	18.501	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	121658	18.877	ug/l	99
85) sec-Butylbenzene	11.890	105	142333	18.701	ug/l	99
86) p-Isopropyltoluene	12.006	119	120633	18.887	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	59335	18.514	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	61473	18.422	ug/l	96
89) n-Butylbenzene	12.329	91	119404	19.017	ug/l	96
90) Hexachloroethane	12.536	117	18821	16.312	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	58573	19.101	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12784	17.686	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	37062	18.457	ug/l	99
94) Hexachlorobutadiene	13.725	225	13306	17.584	ug/l	98
95) Naphthalene	13.774	128	133709	19.121	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	36995	19.085	ug/l	99

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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

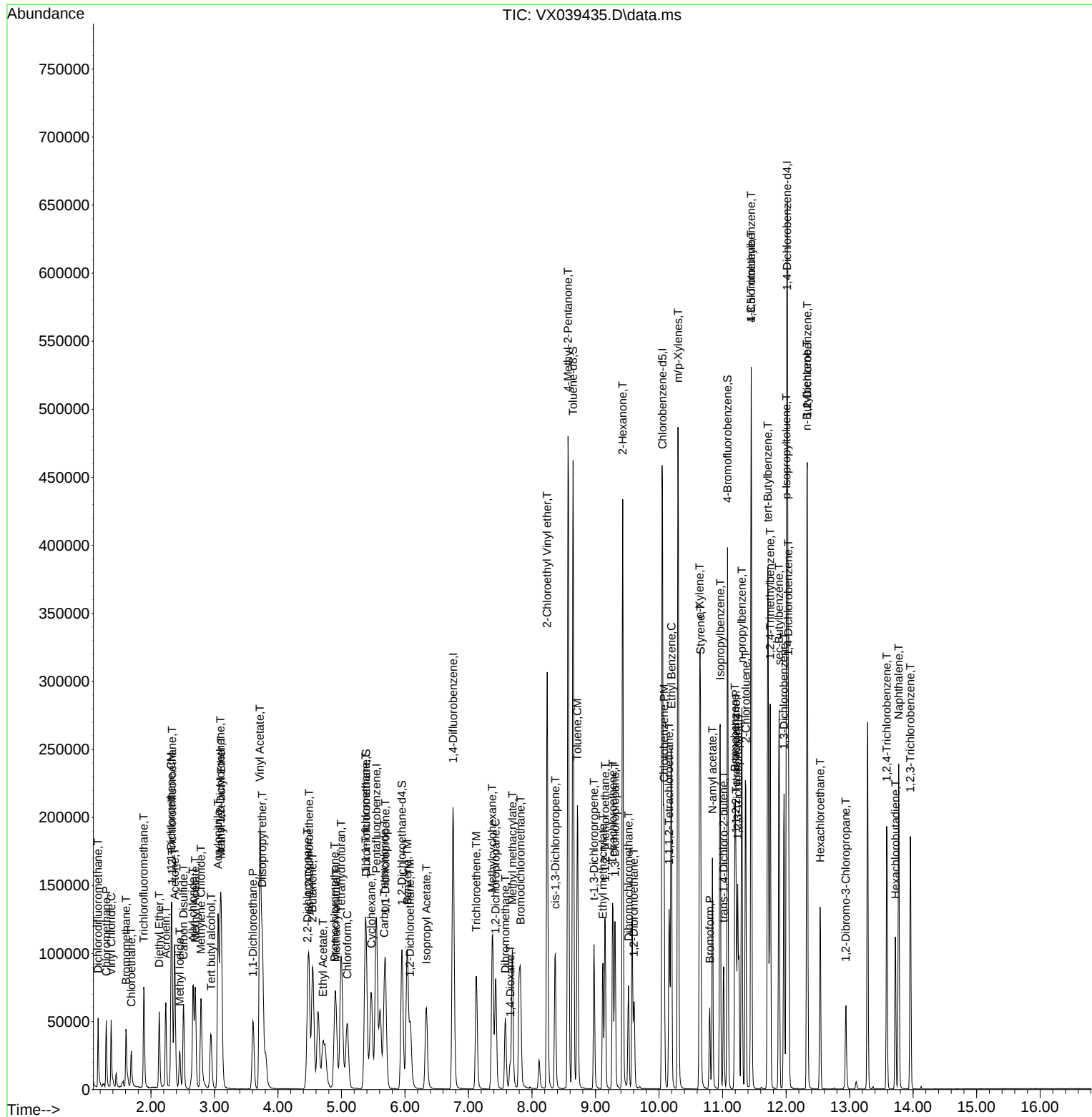
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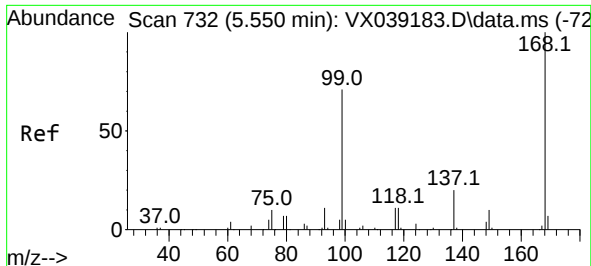
Instrument :
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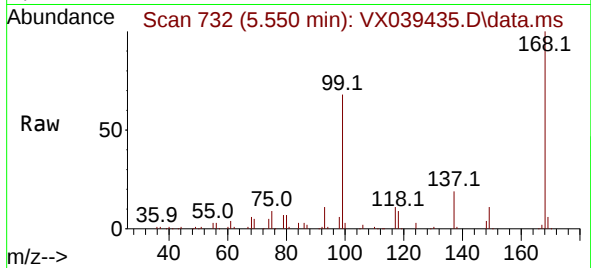
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

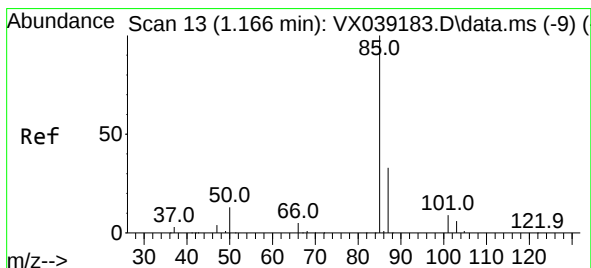
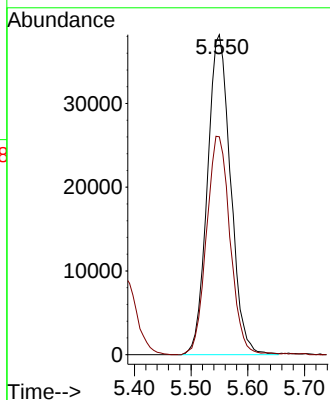
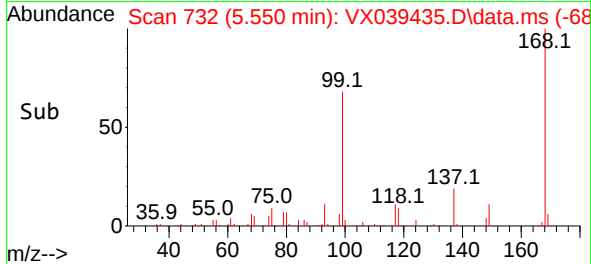
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01



Tgt Ion:168 Resp: 108494
Ion Ratio Lower Upper
168 100
99 68.1 56.6 85.0

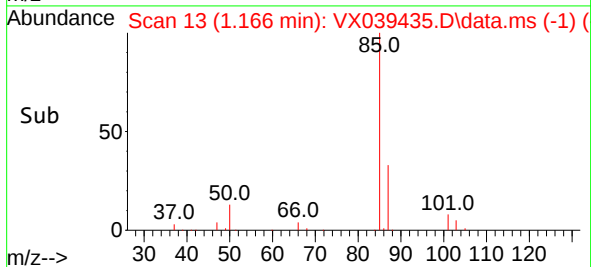
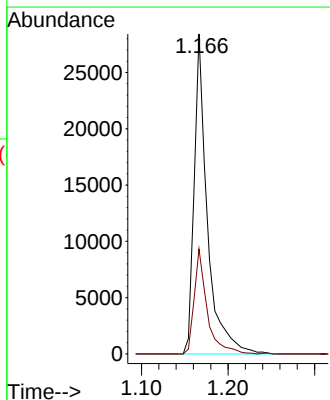
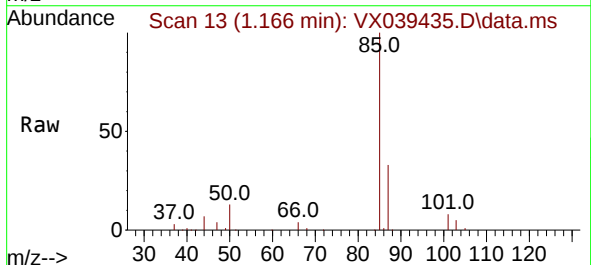
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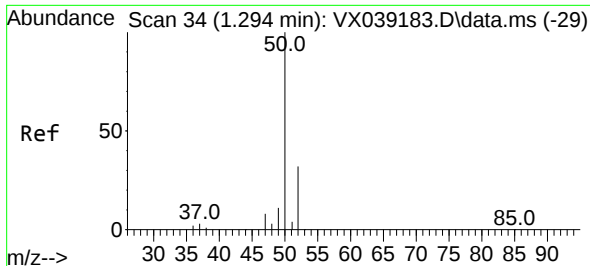
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#2
Dichlorodifluoromethane
Concen: 19.631 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

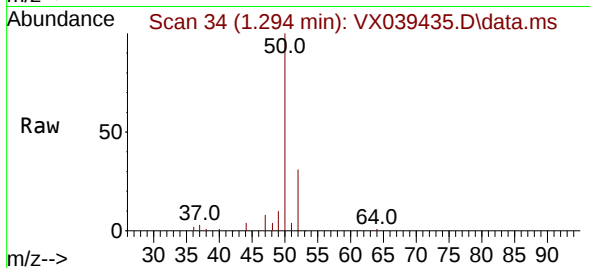
Tgt Ion: 85 Resp: 29929
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3
Chloromethane
Concen: 19.927 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

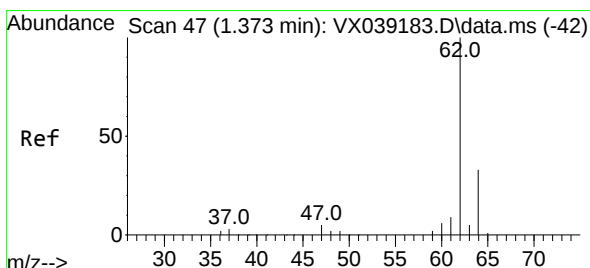
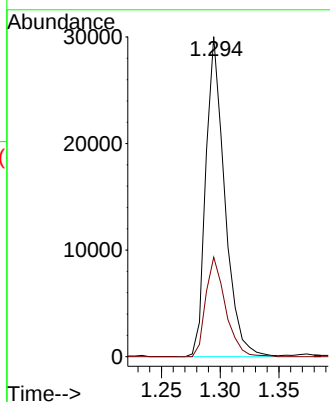
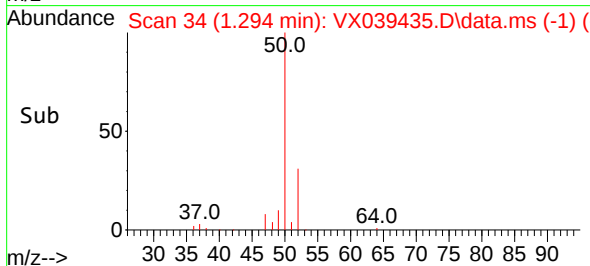
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 33679
Ion Ratio Lower Upper
50 100
52 31.1 25.5 38.3

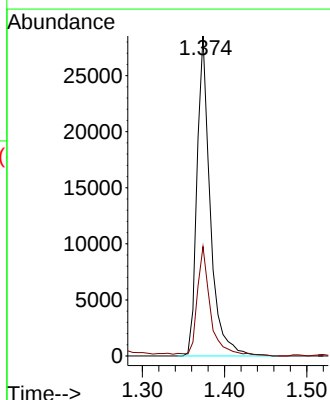
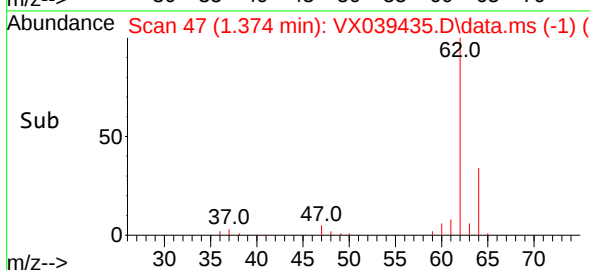
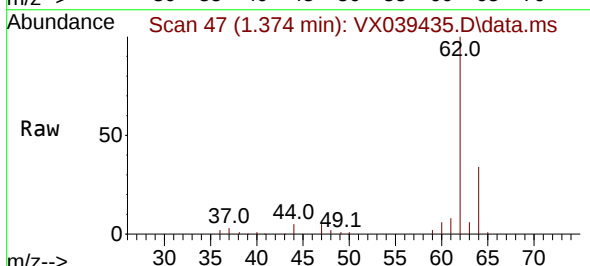
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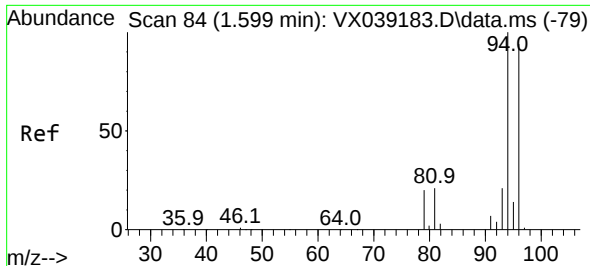
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#4
Vinyl Chloride
Concen: 20.250 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

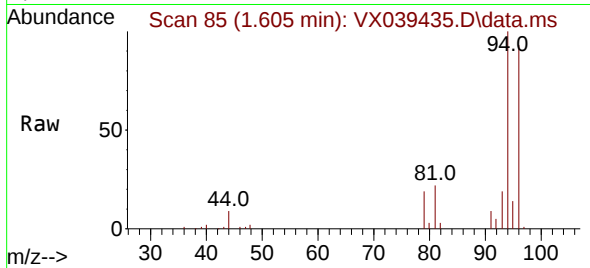
Tgt Ion: 62 Resp: 31831
Ion Ratio Lower Upper
62 100
64 34.2 25.4 38.0





#5
Bromomethane
Concen: 23.554 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

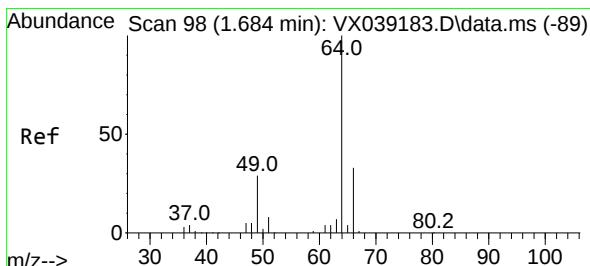
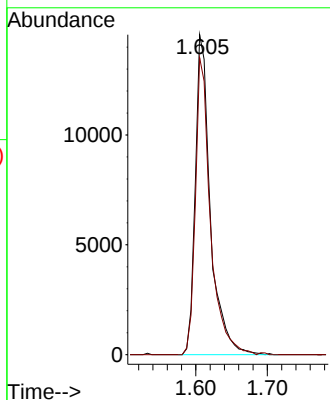
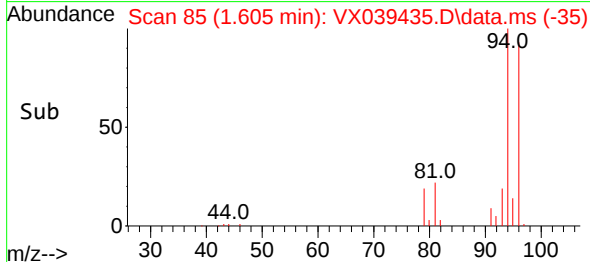
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Tgt Ion: 94 Resp: 2130
Ion Ratio Lower Upper
94 100
96 92.8 74.6 111.8

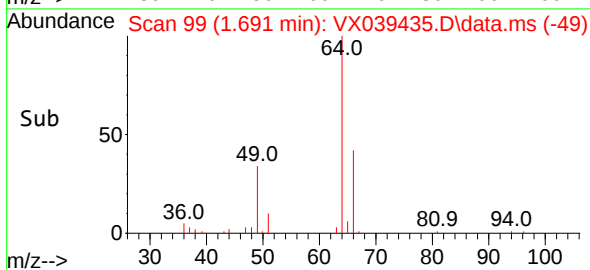
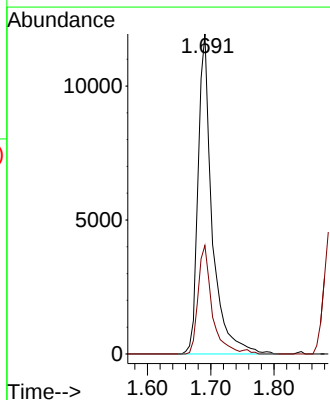
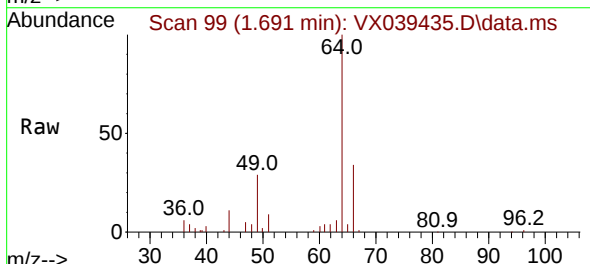
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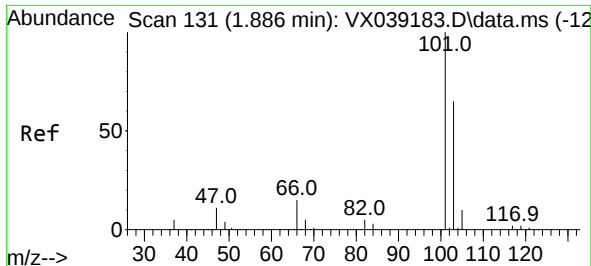
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#6
Chloroethane
Concen: 19.564 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

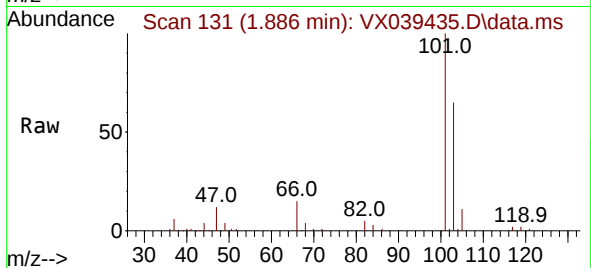
Tgt Ion: 64 Resp: 18532
Ion Ratio Lower Upper
64 100
66 33.9 25.1 37.7





#7
Trichlorofluoromethane
Concen: 19.762 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

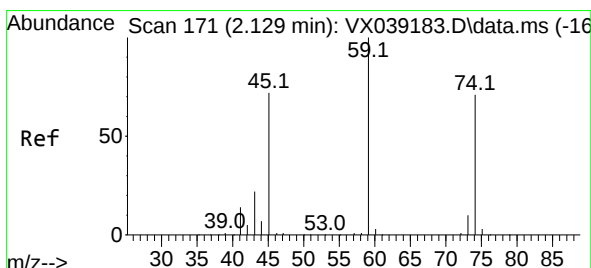
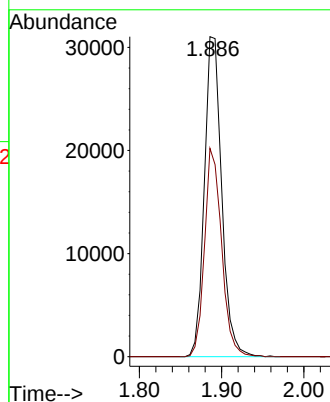
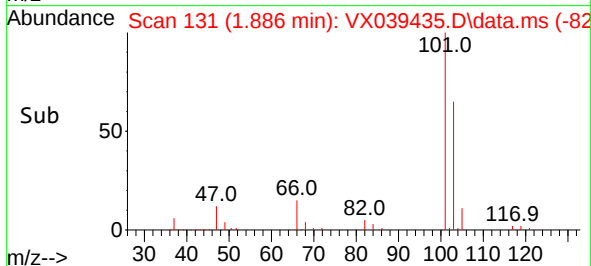
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Tgt Ion:101 Resp: 4548
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

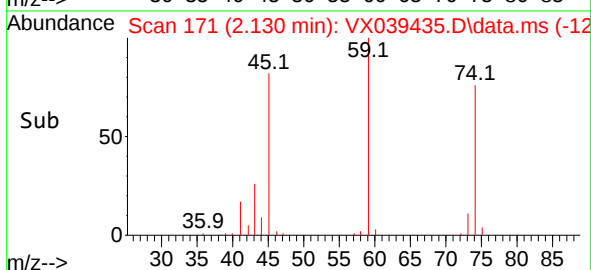
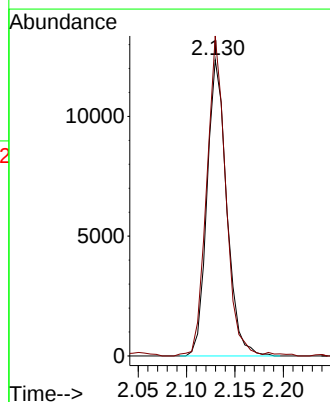
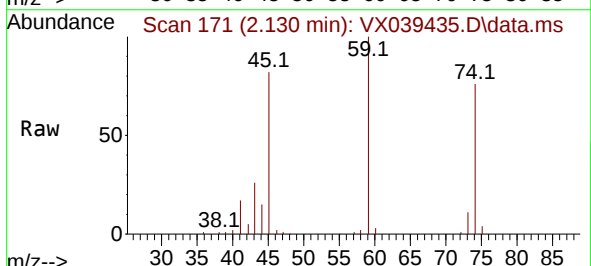
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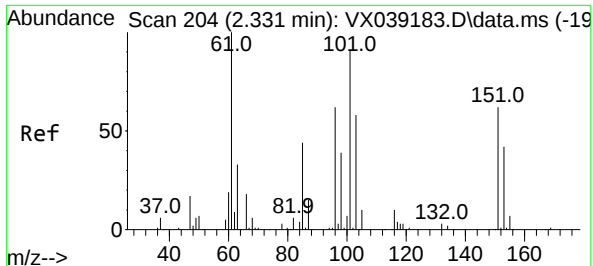
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#8
Diethyl Ether
Concen: 22.022 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Tgt Ion: 74 Resp: 17543
Ion Ratio Lower Upper
74 100
45 104.4 53.3 159.8





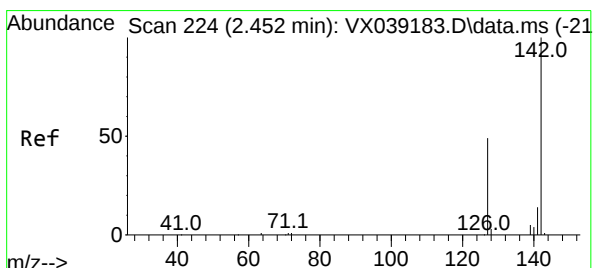
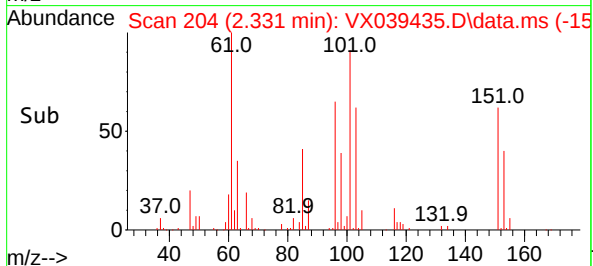
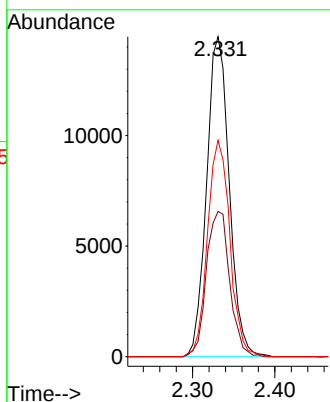
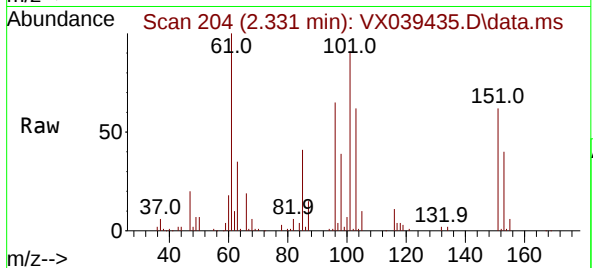
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.701 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01

Tgt Ion:101 Resp: 2767
Ion Ratio Lower Upper
101 100
85 46.8 37.0 55.6
151 66.6 58.6 87.8

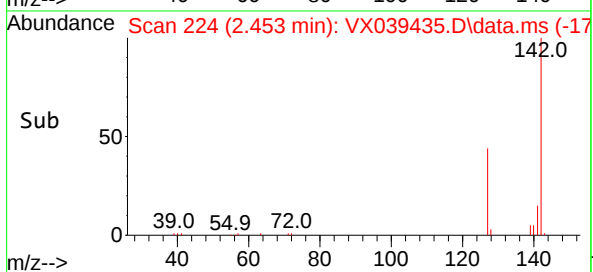
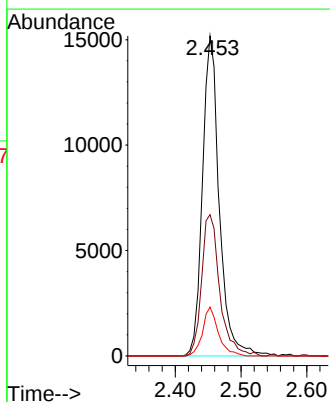
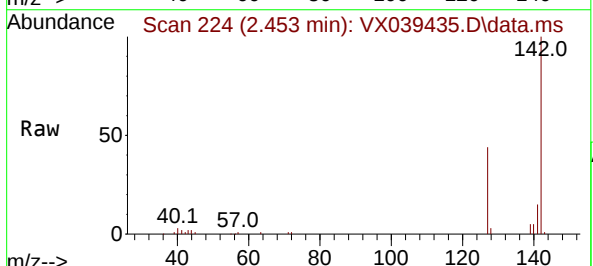
Manual Integrations
APPROVED

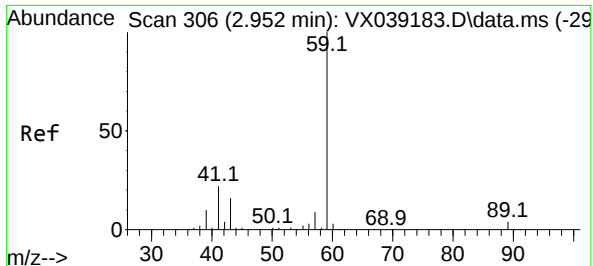
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#10
Methyl Iodide
Concen: 18.587 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

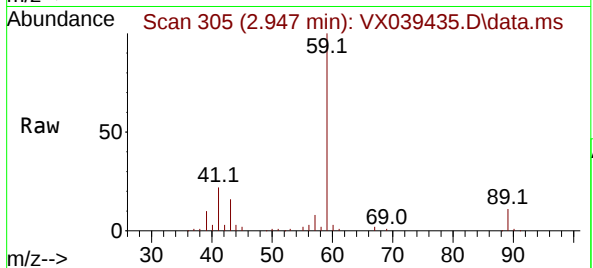
Tgt Ion:142 Resp: 26985
Ion Ratio Lower Upper
142 100
127 47.6 41.6 62.4
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 90.382 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

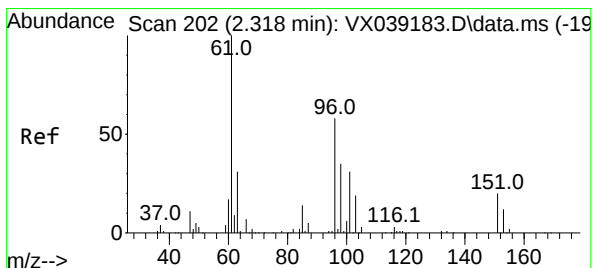
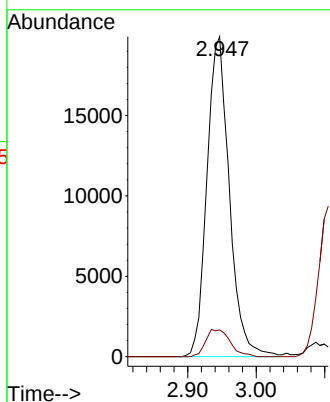
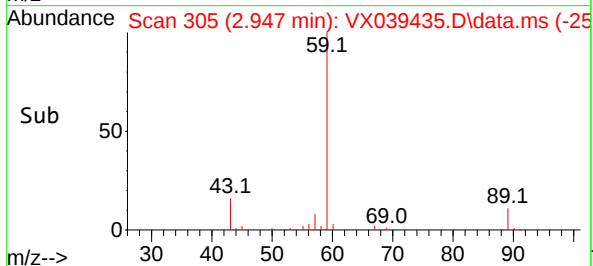
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01



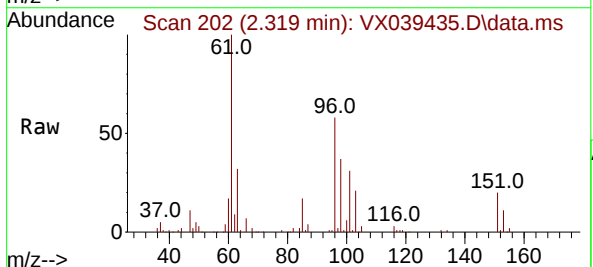
Tgt Ion: 59 Resp: 45110
Ion Ratio Lower Upper
59 100
57 9.3 6.0 9.0

Manual Integrations
APPROVED

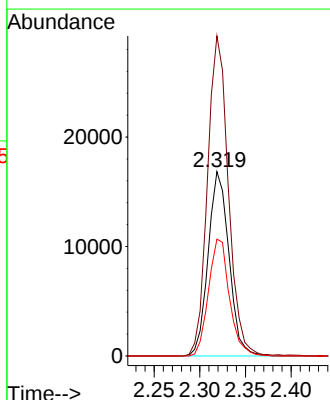
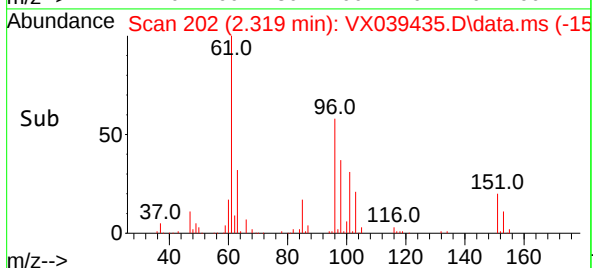
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

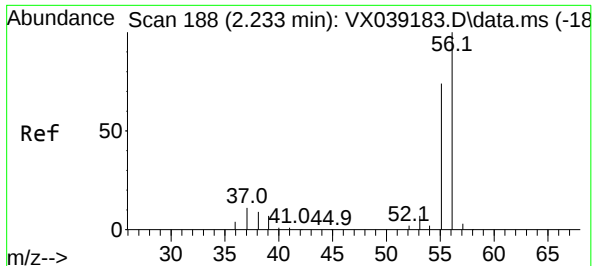


#12
1,1-Dichloroethene
Concen: 19.140 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24



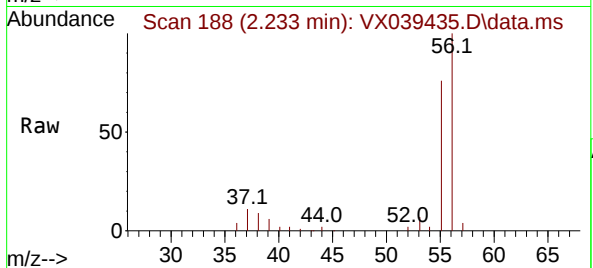
Tgt Ion: 96 Resp: 26704
Ion Ratio Lower Upper
96 100
61 173.6 144.6 216.8
98 63.4 50.4 75.6





#13
Acrolein
Concen: 108.977 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

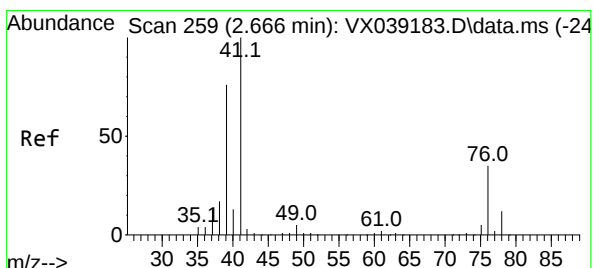
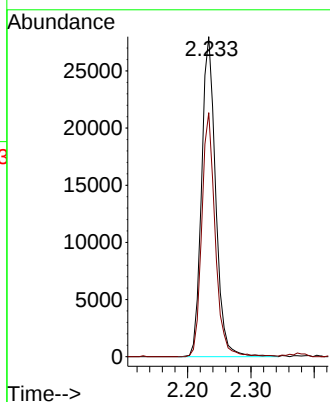
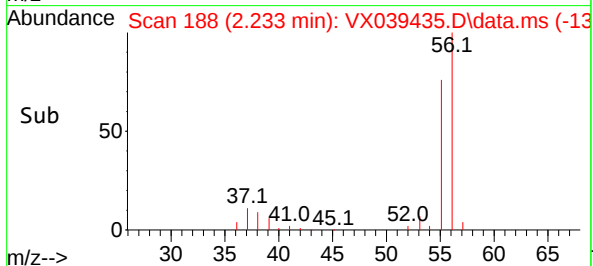
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01



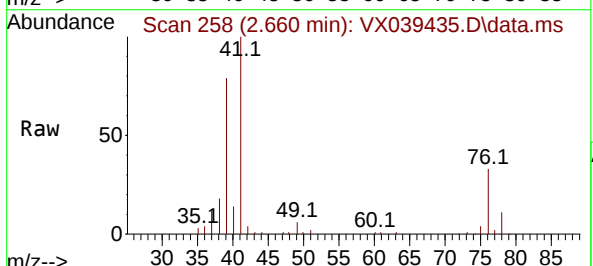
Tgt Ion: 56 Resp: 4339
Ion Ratio Lower Upper
56 100
55 72.8 57.1 85.7

Manual Integrations
APPROVED

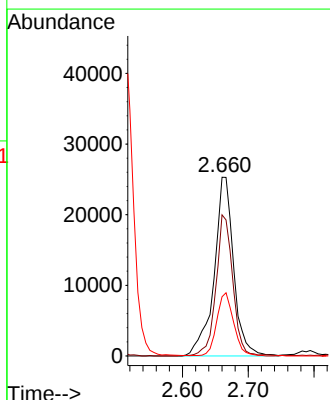
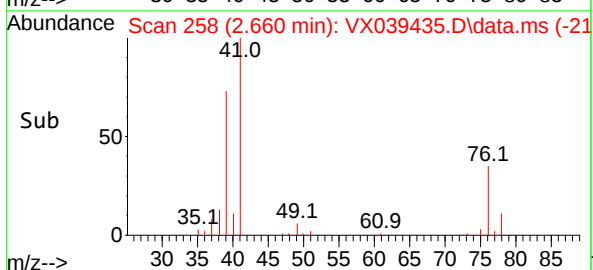
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

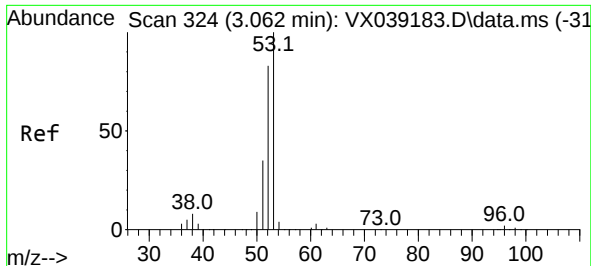


#14
Allyl chloride
Concen: 18.584 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24



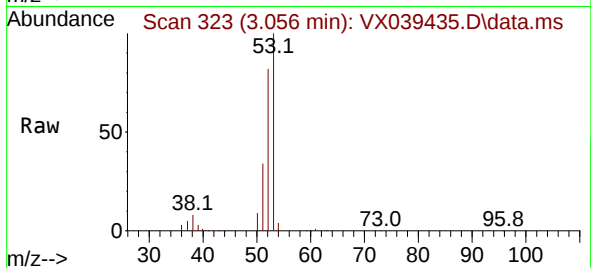
Tgt Ion: 41 Resp: 52524
Ion Ratio Lower Upper
41 100
39 67.7 55.8 83.6
76 30.4 24.3 36.5





#15
Acrylonitrile
Concen: 101.029 ug/l
RT: 3.056 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

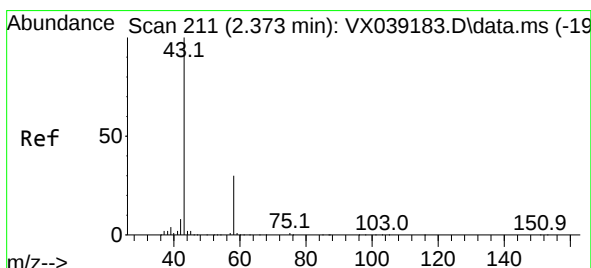
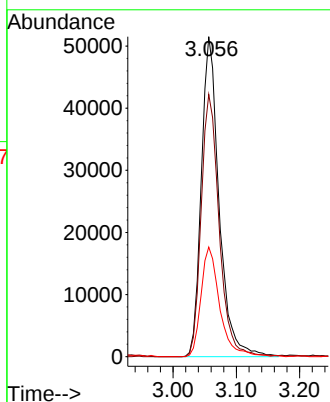
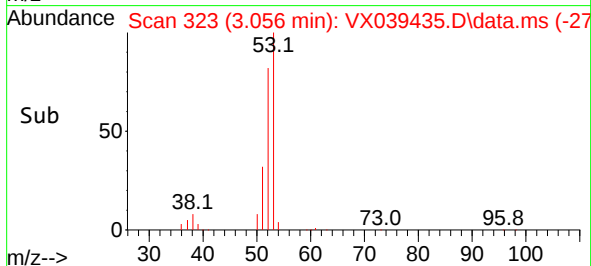
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01



Tgt Ion: 53 Resp: 100930
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 36.1 29.8 44.6

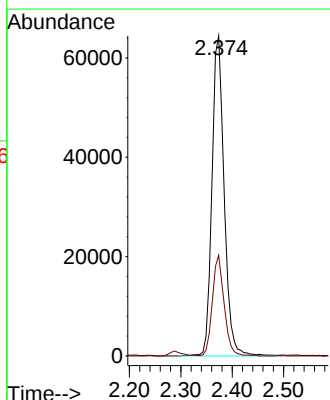
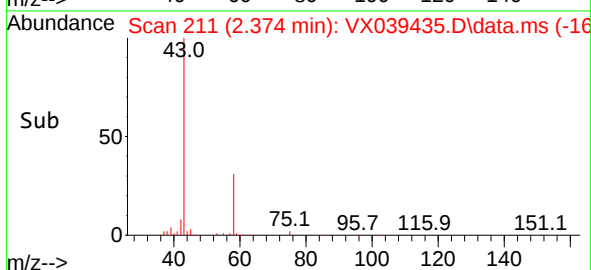
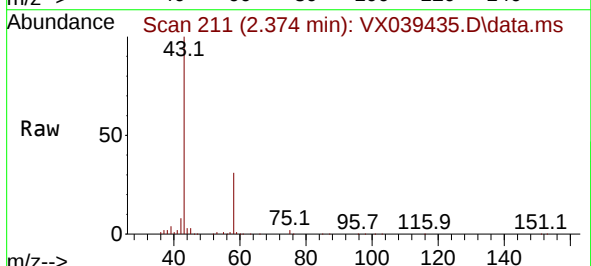
Manual Integrations
APPROVED

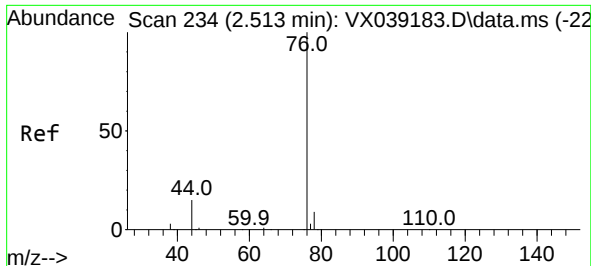
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#16
Acetone
Concen: 75.928 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Tgt Ion: 43 Resp: 106644
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9





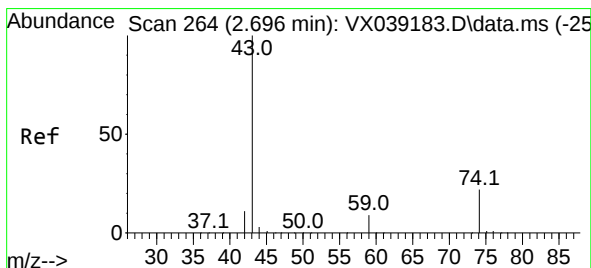
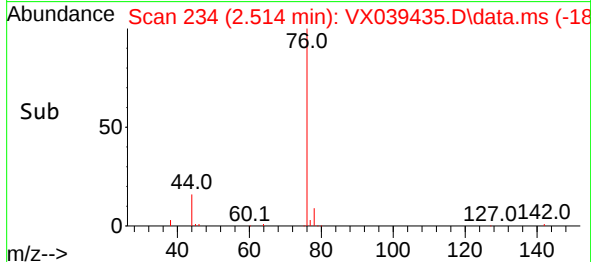
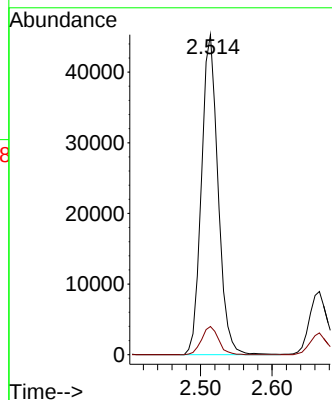
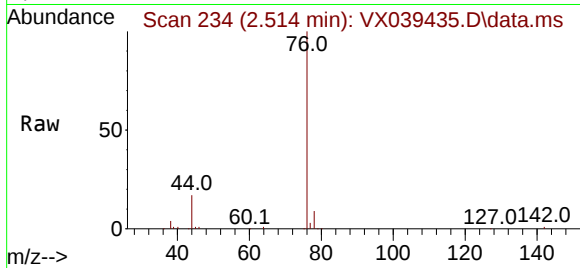
#17
Carbon Disulfide
Concen: 17.881 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01

Tgt Ion: 76 Resp: 7300
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

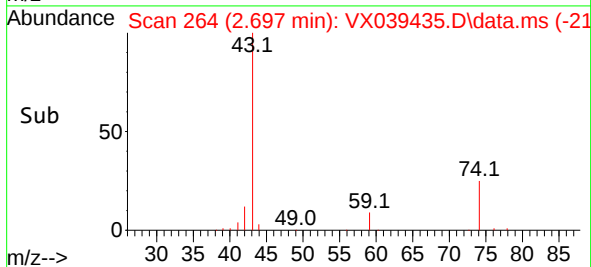
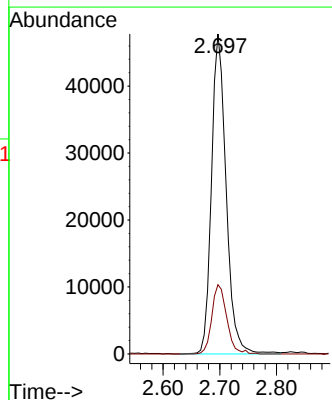
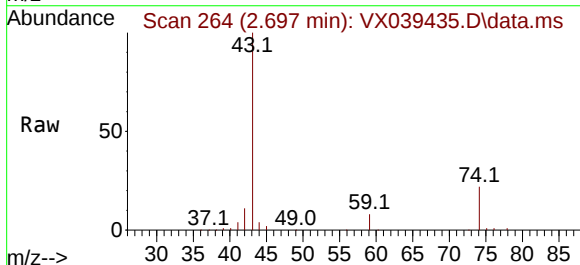
Manual Integrations
APPROVED

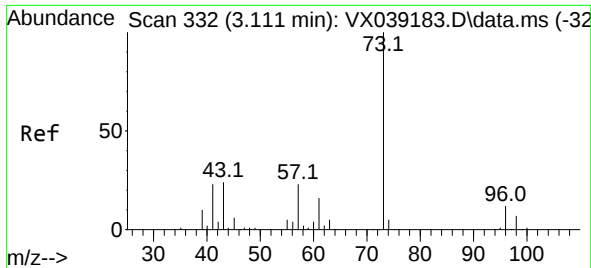
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#18
Methyl Acetate
Concen: 19.967 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Tgt Ion: 43 Resp: 85837
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8





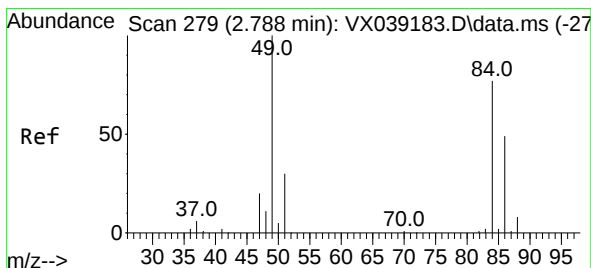
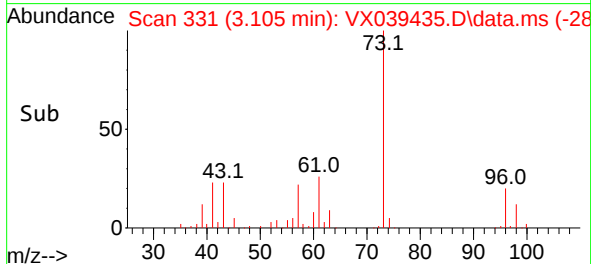
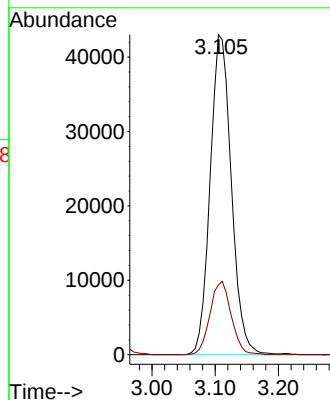
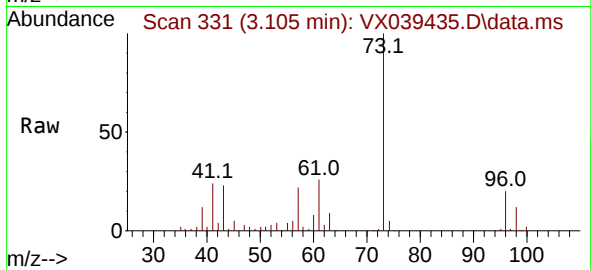
#19
Methyl tert-butyl Ether
Concen: 19.798 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01

Tgt Ion: 73 Resp: 9989
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

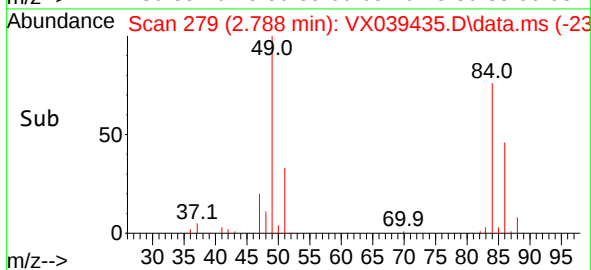
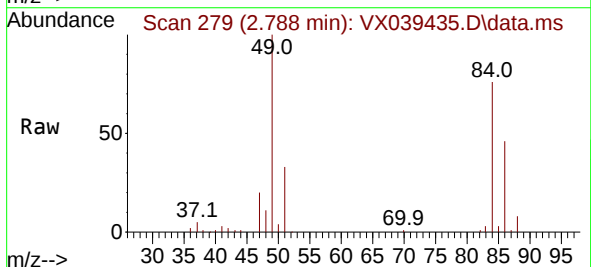
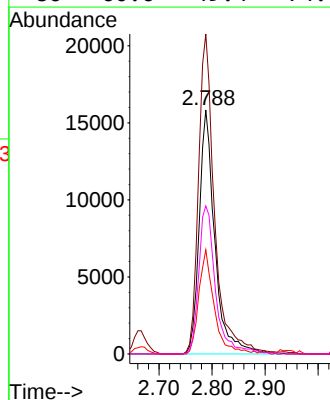
Manual Integrations
APPROVED

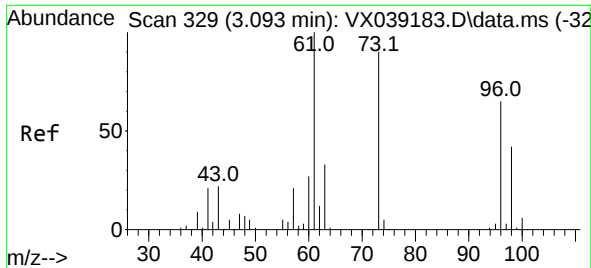
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#20
Methylene Chloride
Concen: 19.668 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

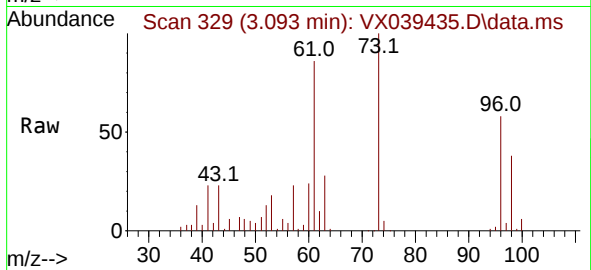
Tgt Ion: 84 Resp: 32587
Ion Ratio Lower Upper
84 100
49 131.1 103.6 155.4
51 42.7 33.8 50.6
86 60.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.657 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

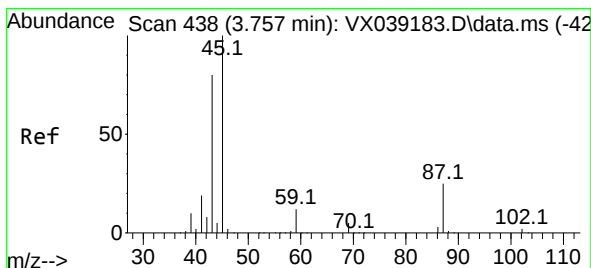
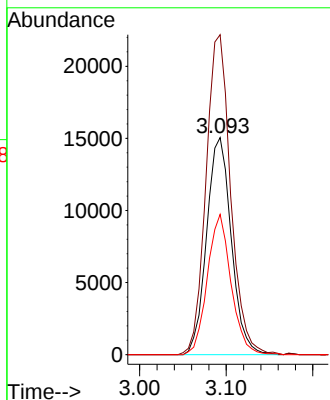
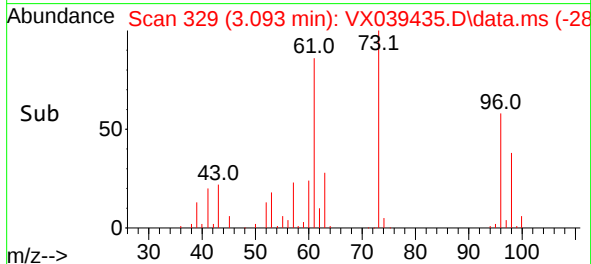
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01



Tgt Ion: 96 Resp: 2984
Ion Ratio Lower Upper
96 100
61 147.3 119.2 178.8
98 64.6 48.7 73.1

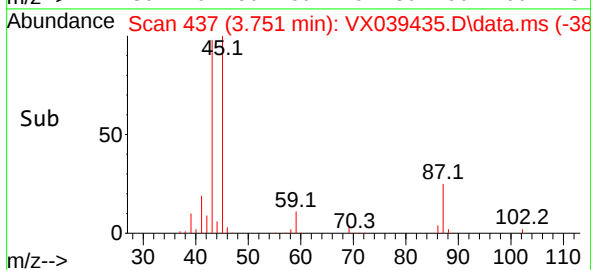
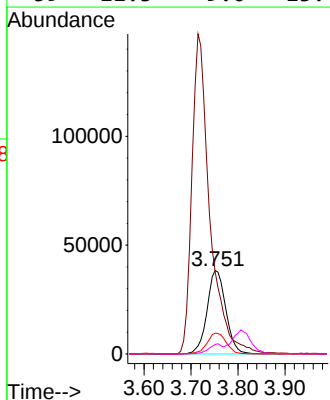
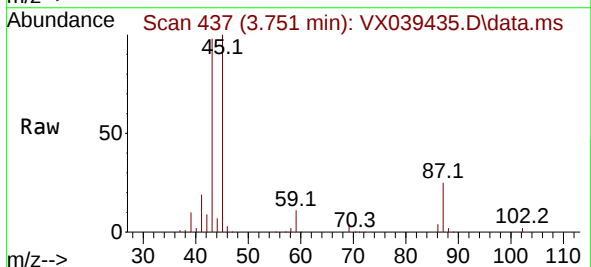
Manual Integrations
APPROVED

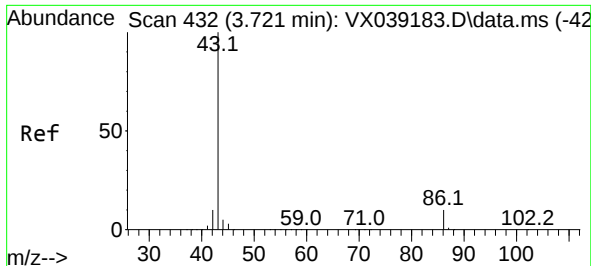
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#22
Diisopropyl ether
Concen: 20.572 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Tgt Ion: 45 Resp: 105837
Ion Ratio Lower Upper
45 100
43 97.9 69.7 104.5
87 24.9 20.8 31.2
59 11.3 9.0 13.4





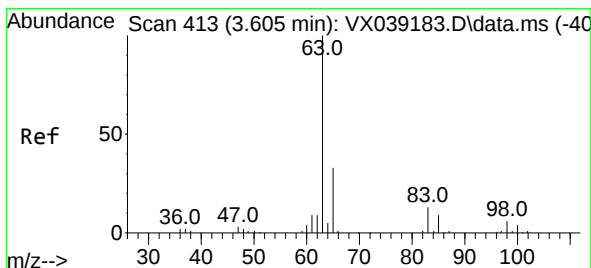
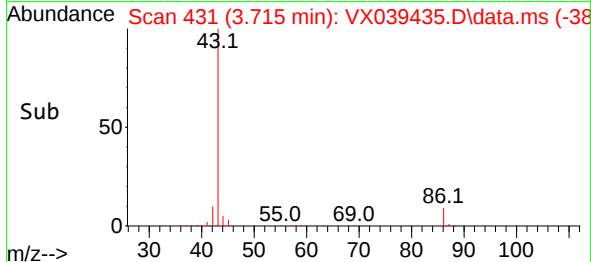
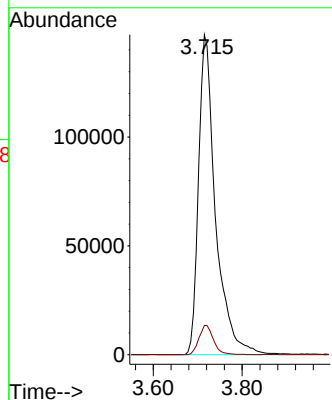
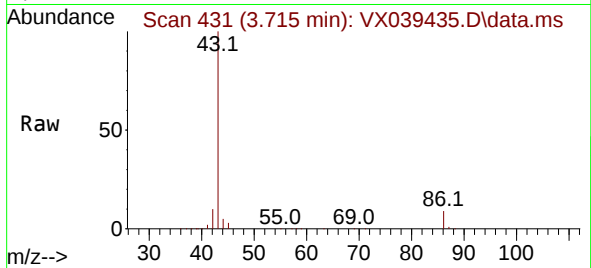
#23
 Vinyl Acetate
 Concen: 102.117 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX039435.D
 Acq: 22 Dec 2023 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222WBSD01

Tgt Ion: 43 Resp: 391125
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.8 11.8

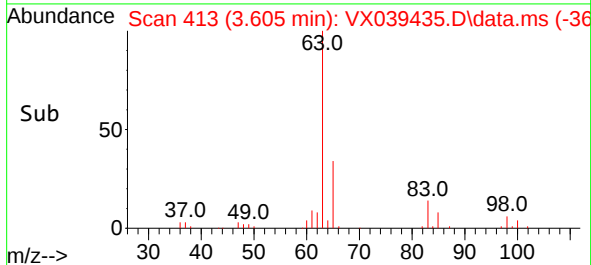
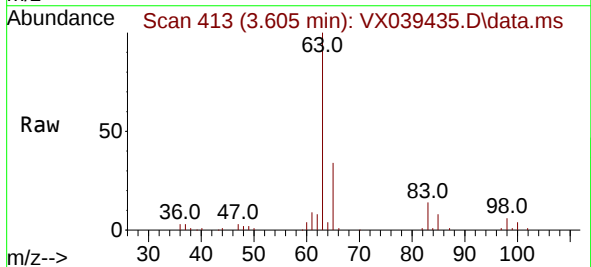
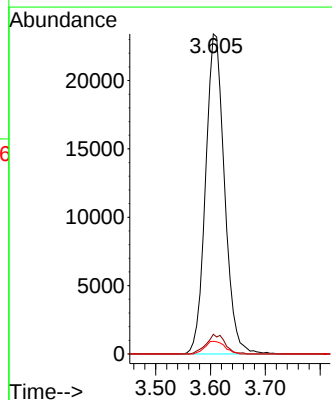
Manual Integrations
 APPROVED

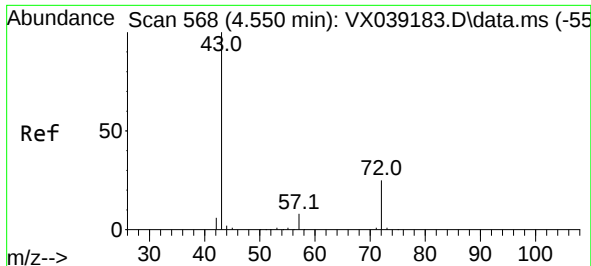
Reviewed By :John Carlone 12/27/2023
 Supervised By :Mahesh Dadoda 12/28/2023



#24
 1,1-Dichloroethane
 Concen: 19.267 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039435.D
 Acq: 22 Dec 2023 13:24

Tgt Ion: 63 Resp: 56035
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 3.9 2.1 6.5





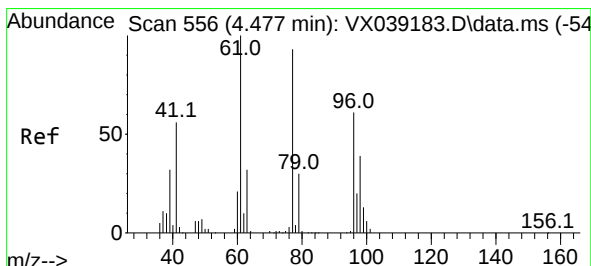
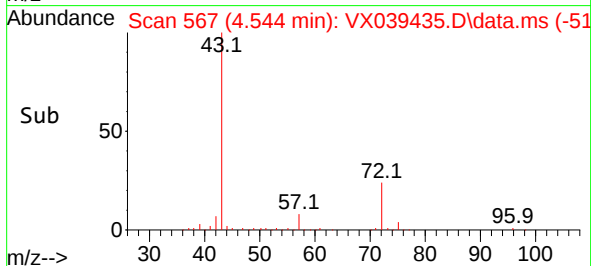
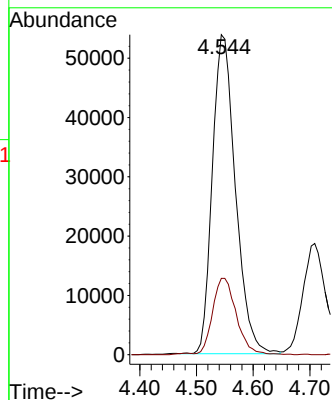
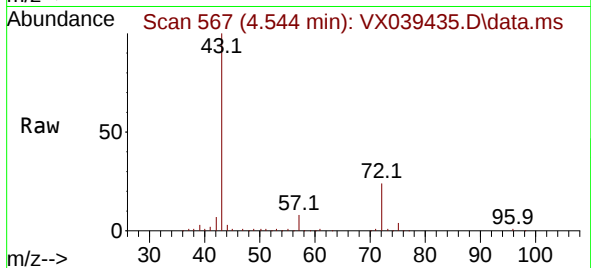
#25
2-Butanone
Concen: 88.742 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01

Tgt Ion: 43 Resp: 15220
Ion Ratio Lower Upper
43 100
72 23.8 19.4 29.2

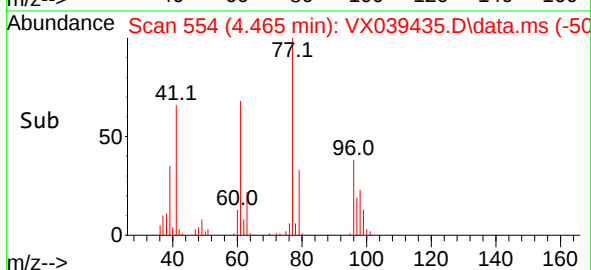
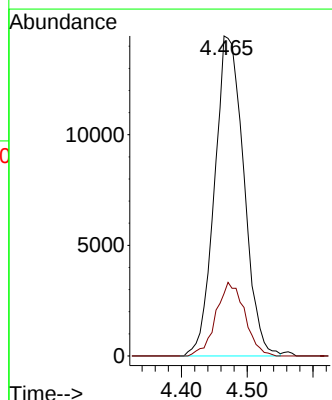
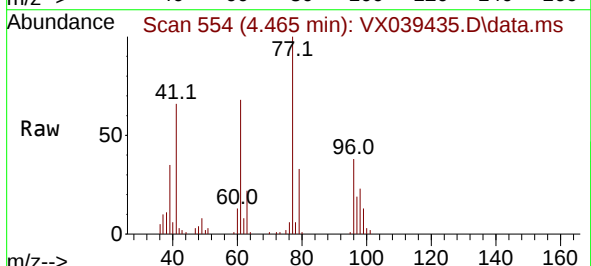
Manual Integrations
APPROVED

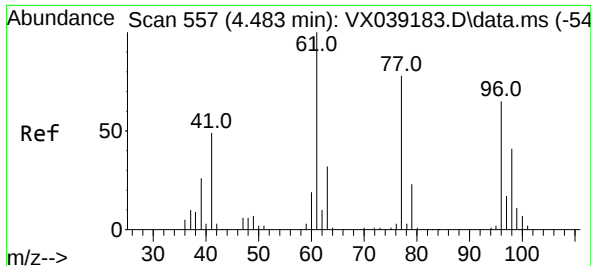
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#26
2,2-Dichloropropane
Concen: 17.593 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.012 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Tgt Ion: 77 Resp: 44669
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.772 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

Tgt Ion: 96 Resp: 3313

Ion Ratio Lower Upper

96 100

61 160.3 0.0 312.2

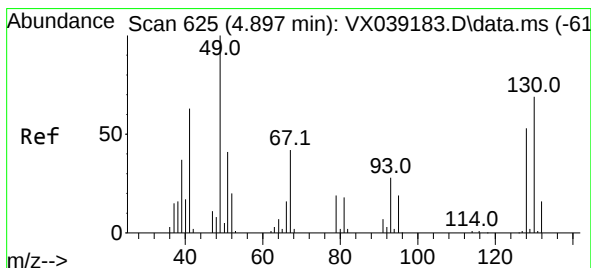
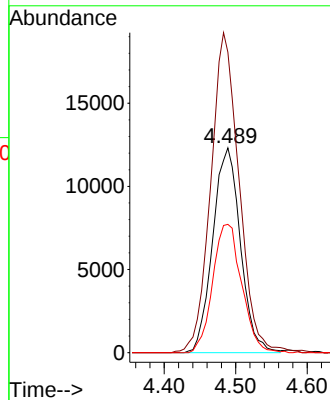
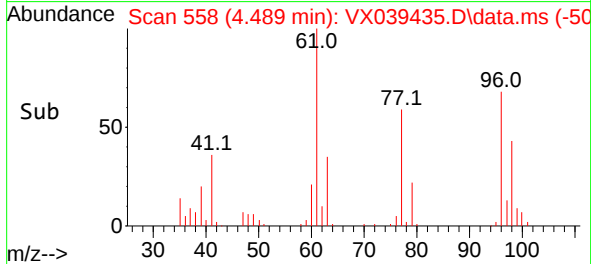
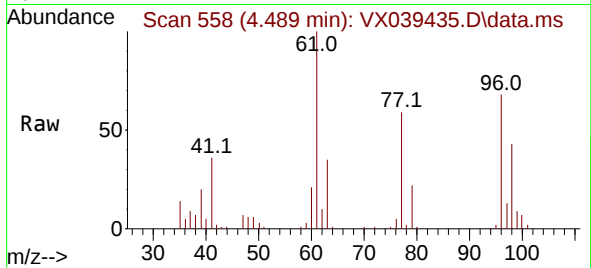
98 65.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#28

Bromochloromethane

Concen: 21.511 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

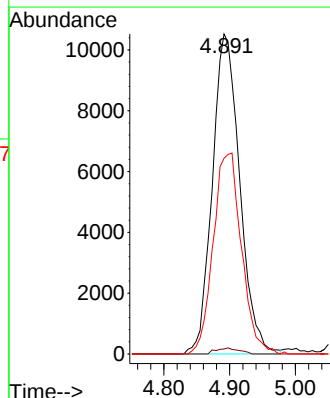
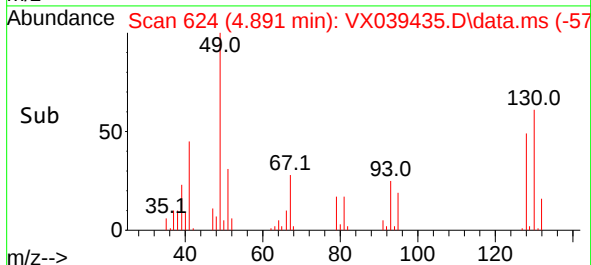
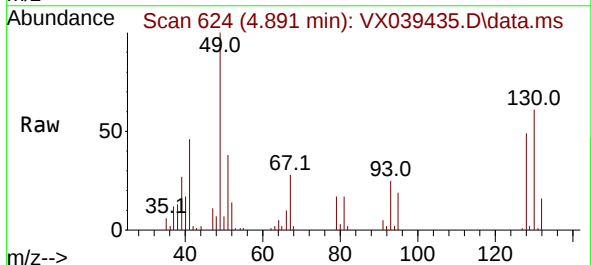
Tgt Ion: 49 Resp: 30525

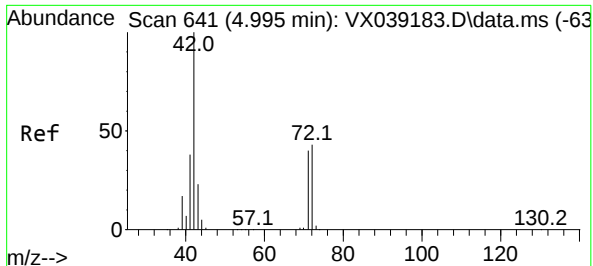
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

130 64.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 100.228 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

Tgt Ion: 42 Resp: 9493

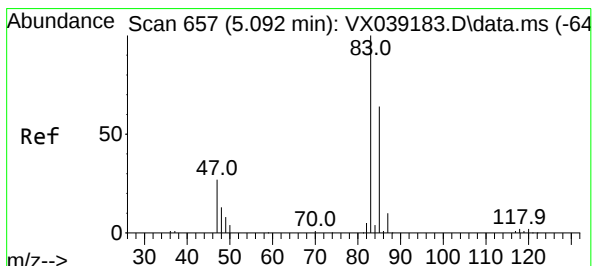
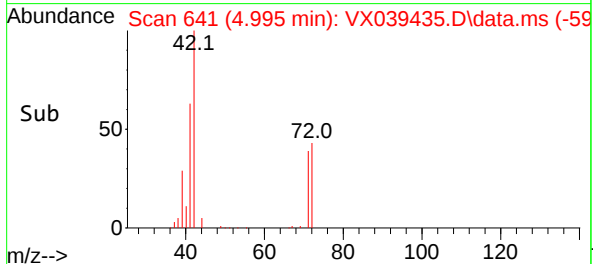
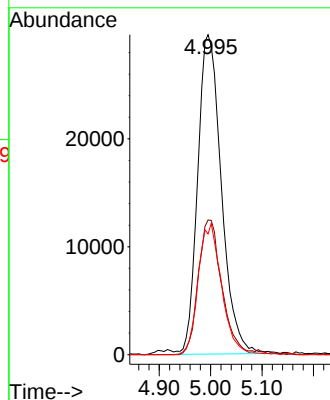
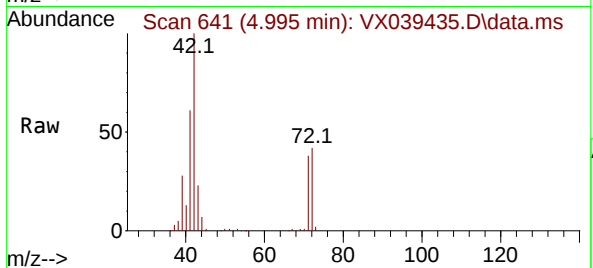
Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.2	51.4
71	40.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#30

Chloroform

Concen: 19.490 ug/l

RT: 5.093 min Scan# 657

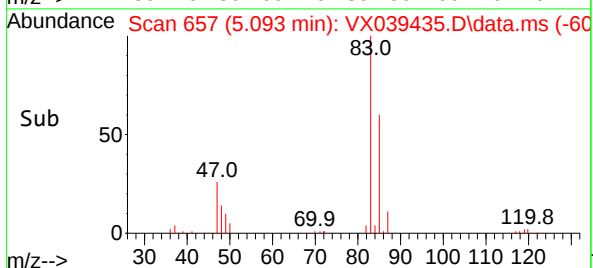
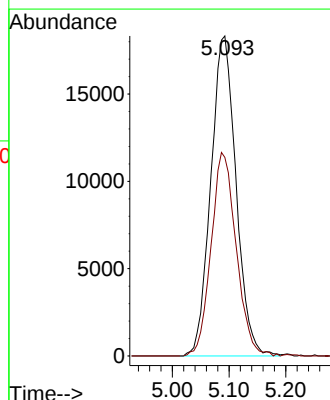
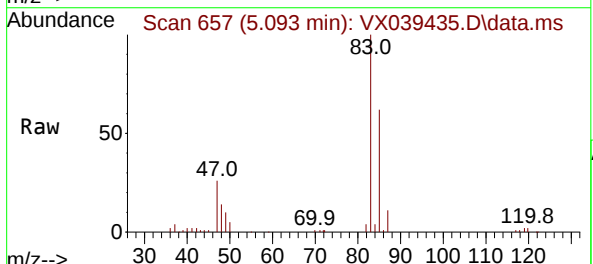
Delta R.T. 0.000 min

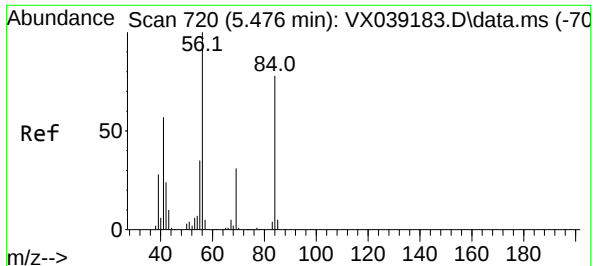
Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Tgt Ion: 83 Resp: 56644

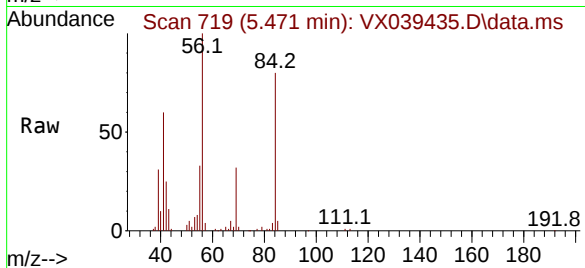
Ion	Ratio	Lower	Upper
83	100		
85	62.0	50.3	75.5





#31
Cyclohexane
Concen: 19.617 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

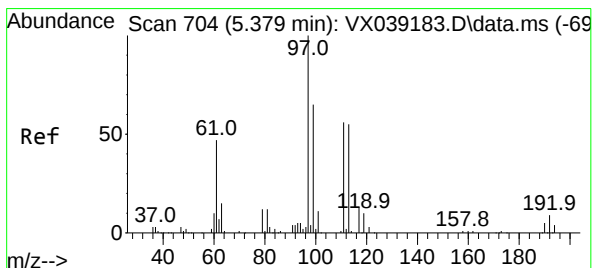
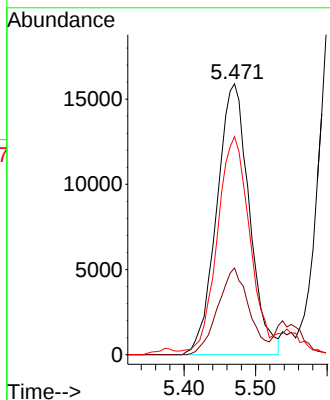
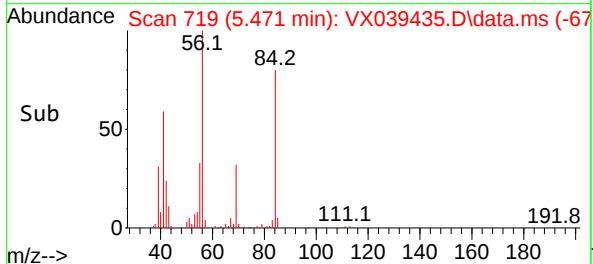
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01



Tgt Ion: 56 Resp: 50360
Ion Ratio Lower Upper
56 100
69 32.0 23.4 35.2
84 79.2 65.9 98.9

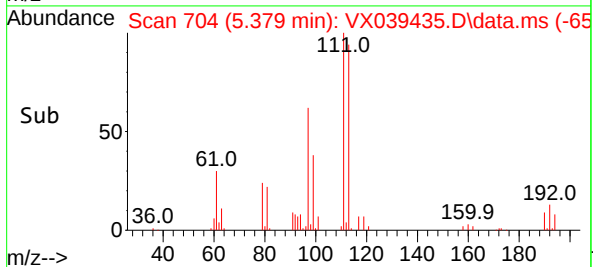
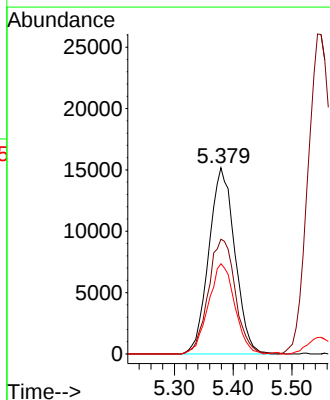
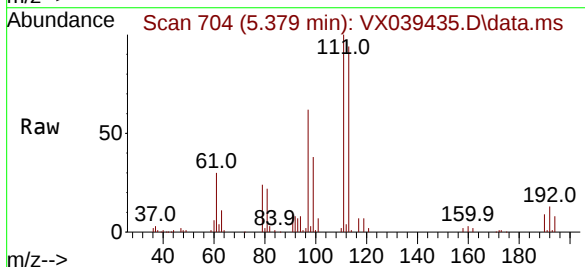
Manual Integrations
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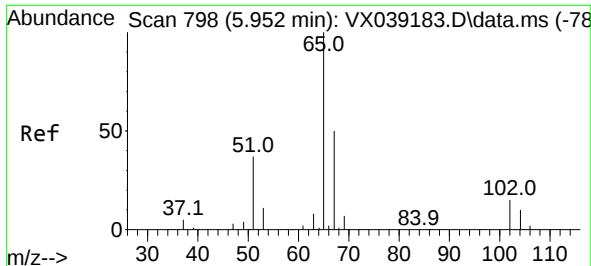
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#32
1,1,1-Trichloroethane
Concen: 18.508 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Tgt Ion: 97 Resp: 46695
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 48.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.808 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

Tgt Ion: 65 Resp: 9700

Ion Ratio Lower Upper

65 100

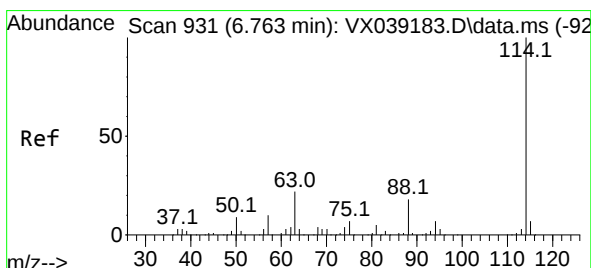
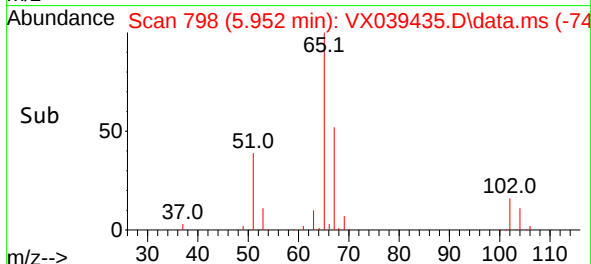
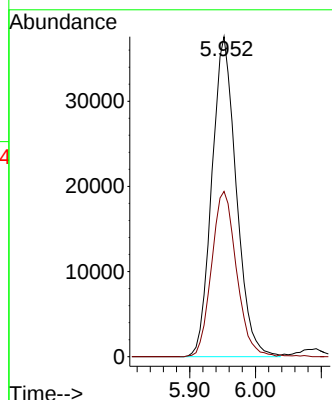
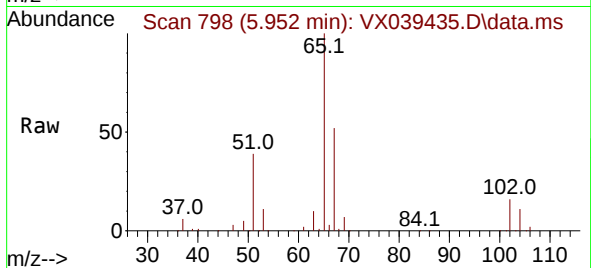
67 52.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

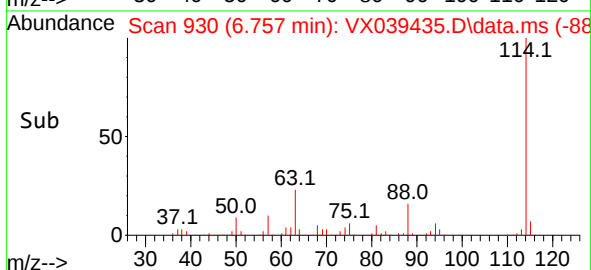
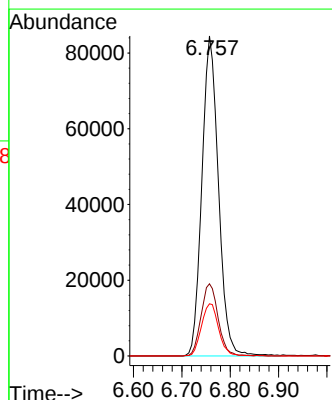
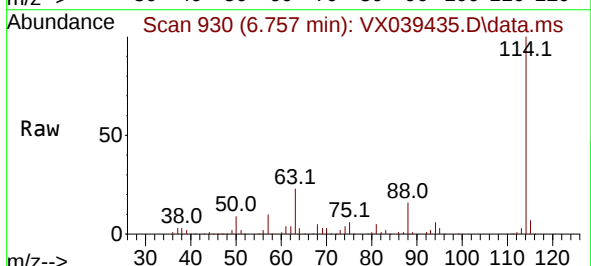
Tgt Ion:114 Resp: 200975

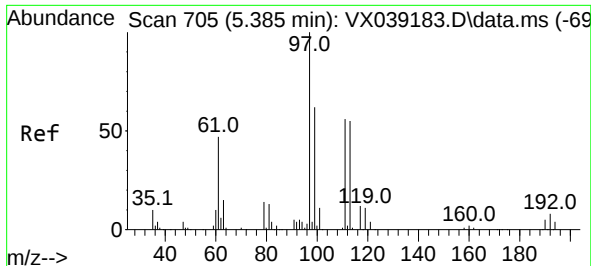
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

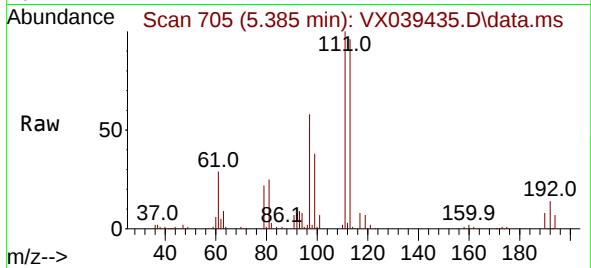
88 16.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.470 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

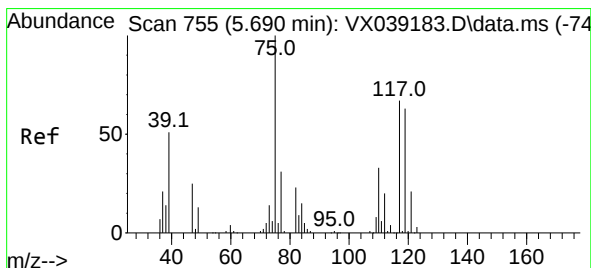
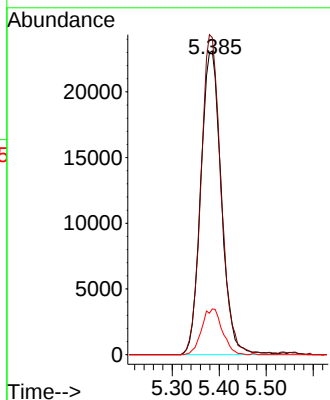
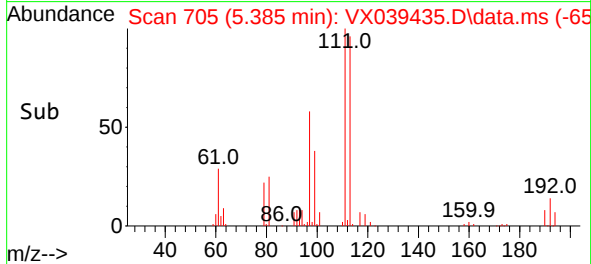
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01



Tgt Ion: 113 Resp: 70074
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 15.2 13.3 19.9

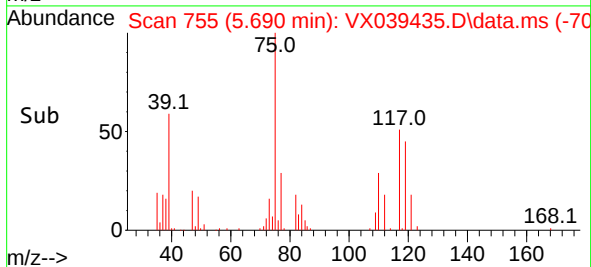
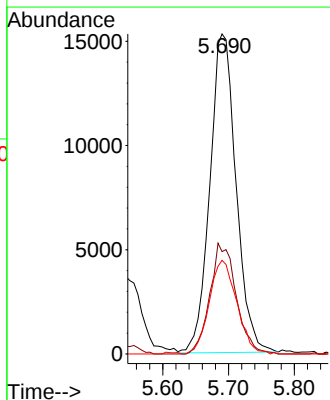
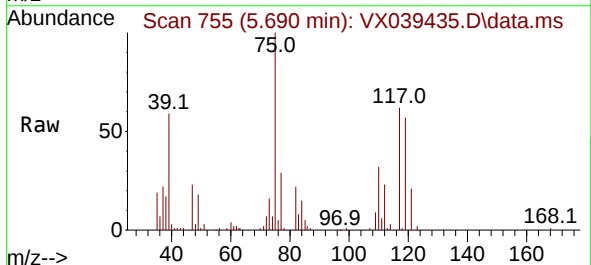
Manual Integrations
APPROVED

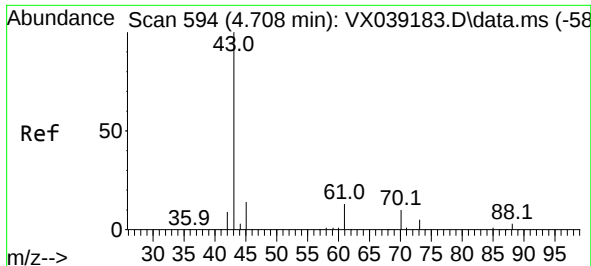
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#36
1,1-Dichloropropene
Concen: 19.381 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

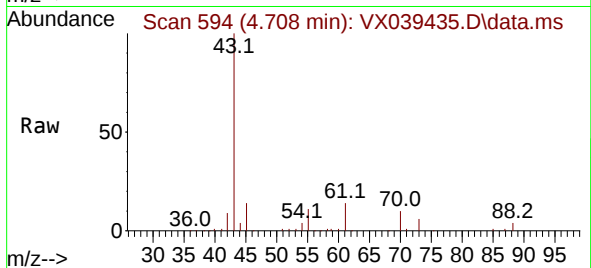
Tgt Ion: 75 Resp: 42464
Ion Ratio Lower Upper
75 100
110 34.8 17.0 50.9
77 30.8 24.7 37.1





#37
Ethyl Acetate
Concen: 19.818 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

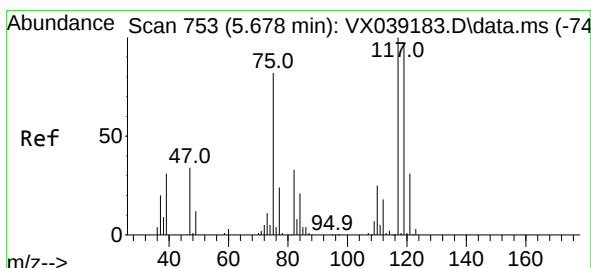
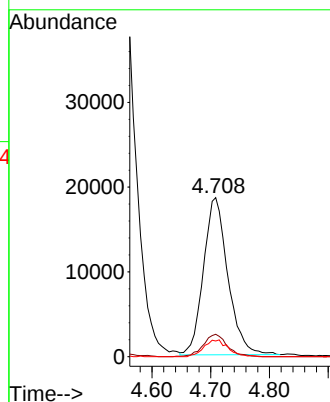
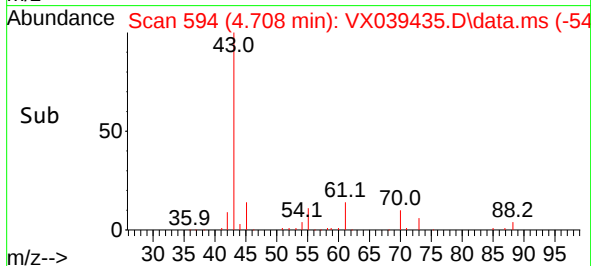
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01



Tgt Ion: 43 Resp: 5364
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 10.6 8.3 12.5

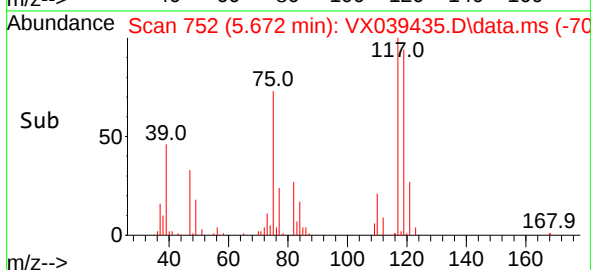
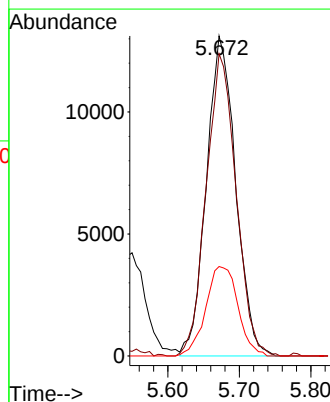
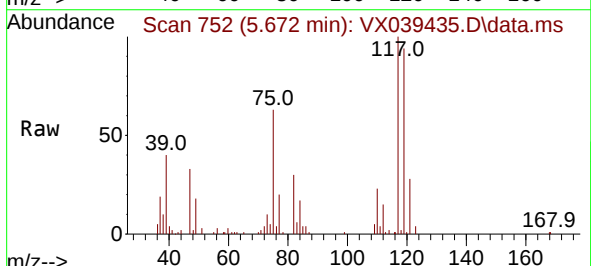
Manual Integrations
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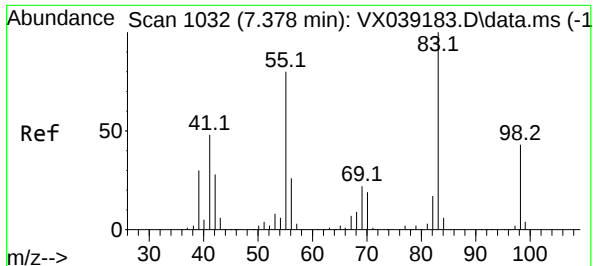
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#38
Carbon Tetrachloride
Concen: 17.838 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Tgt Ion:117 Resp: 37297
Ion Ratio Lower Upper
117 100
119 94.4 78.2 117.2
121 28.0 24.4 36.6





#39
Methylcyclohexane
Concen: 19.243 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

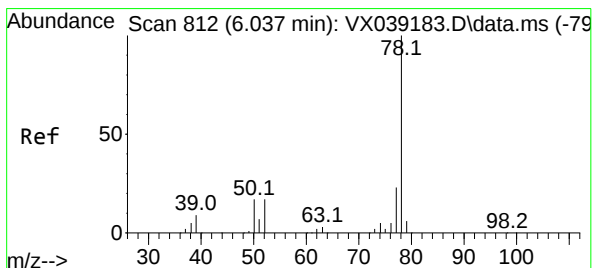
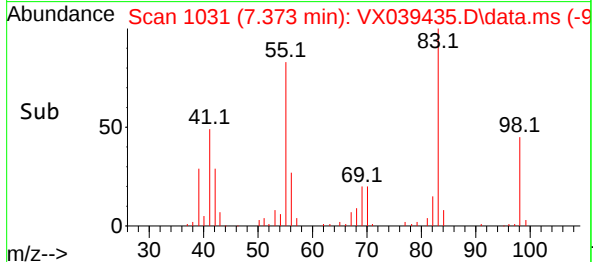
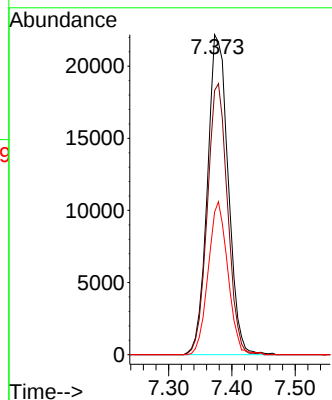
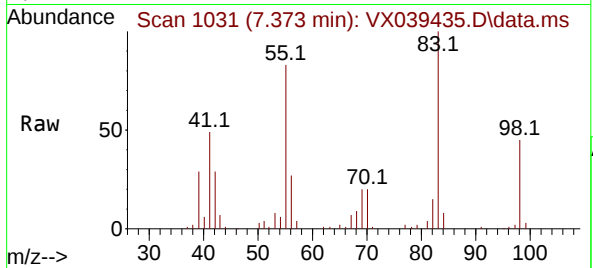
Tgt Ion: 83 Resp: 5064
Ion Ratio Lower Upper
83 100
55 82.5 64.6 97.0
98 44.5 36.7 55.1

Manual Integrations

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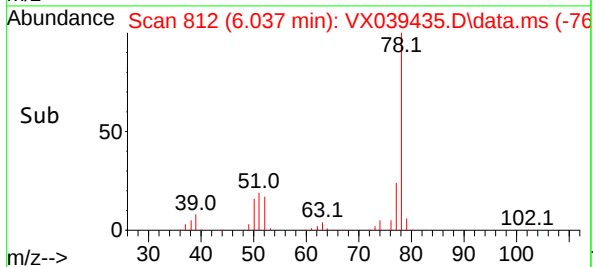
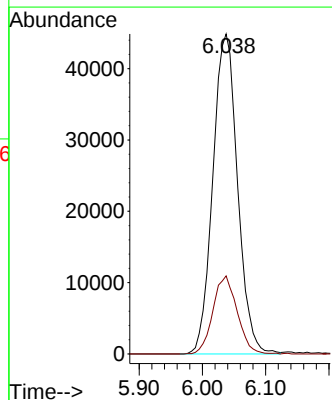
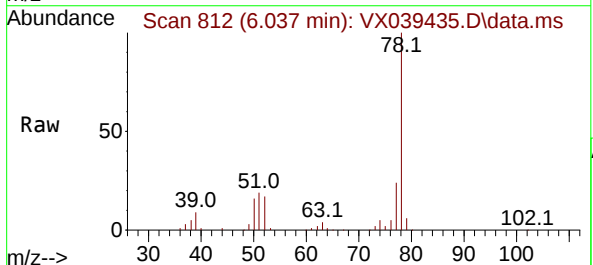
Reviewed By :John Carlone 12/27/2023

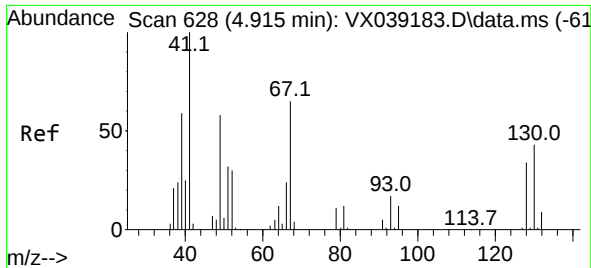
Supervised By :Mahesh Dadoda 12/28/2023



#40
Benzene
Concen: 19.647 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

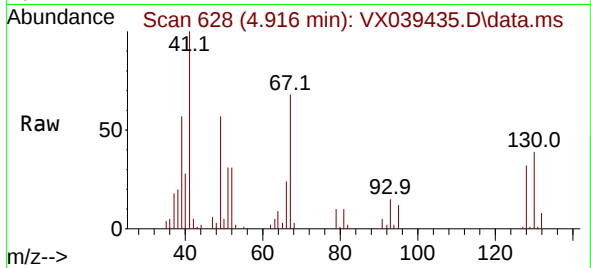
Tgt Ion: 78 Resp: 121769
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9





#41
Methacrylonitrile
Concen: 20.122 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

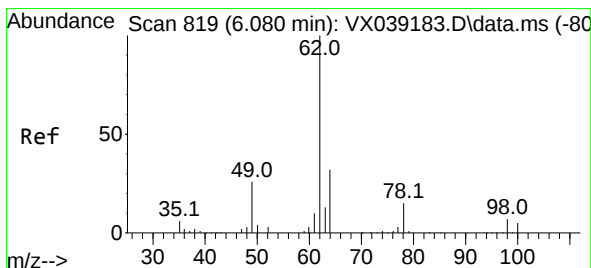
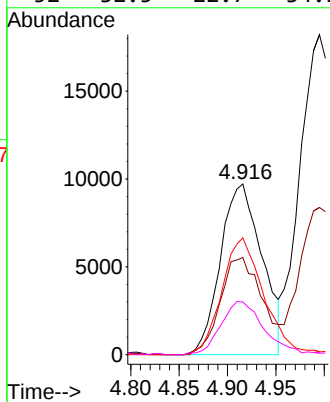
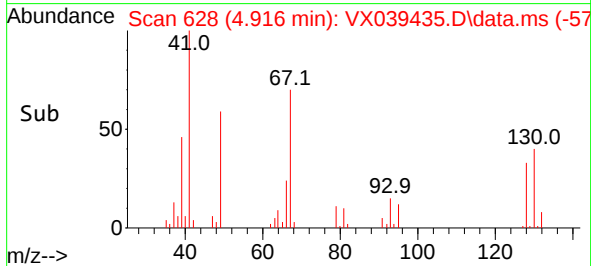
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01



Tgt Ion: 41 Resp: 2906
Ion Ratio Lower Upper
41 100
39 59.2 45.2 67.8
67 69.1 52.6 78.8
52 32.5 22.7 34.1

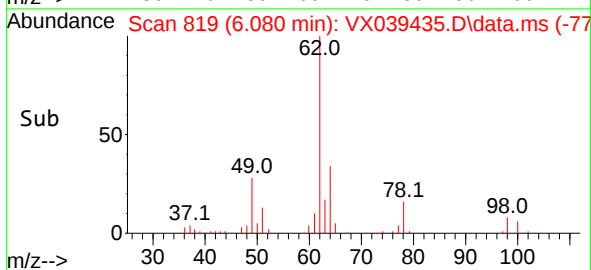
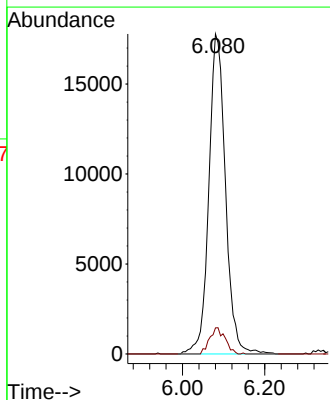
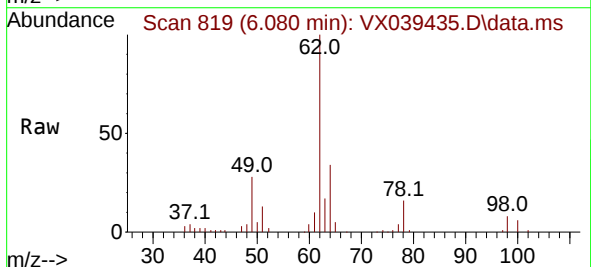
Manual Integrations
APPROVED

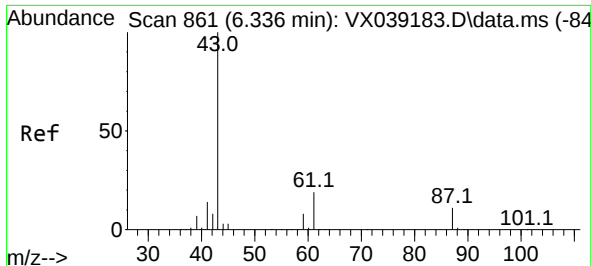
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#42
1,2-Dichloroethane
Concen: 19.874 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

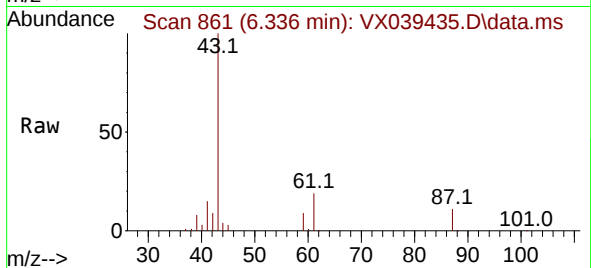
Tgt Ion: 62 Resp: 49859
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 19.487 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

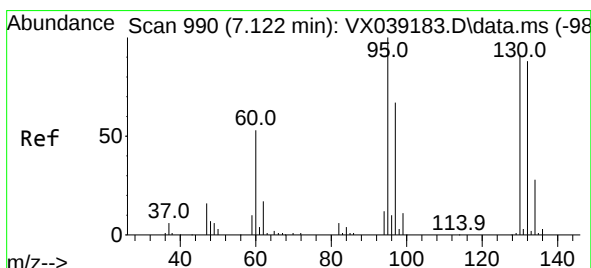
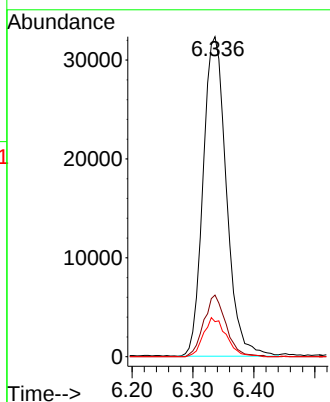
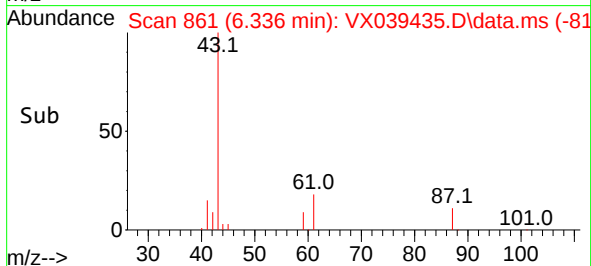
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01



Tgt Ion: 43 Resp: 85775
Ion Ratio Lower Upper
43 100
61 18.5 15.2 22.8
87 12.0 9.8 14.6

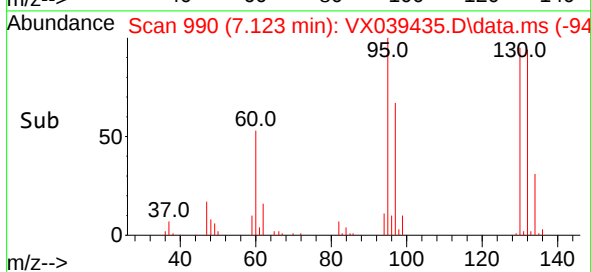
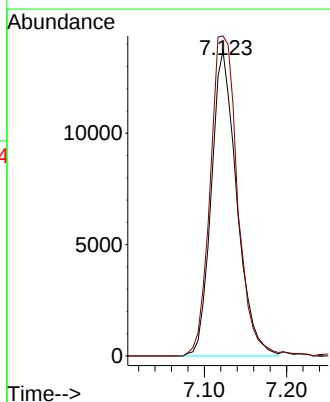
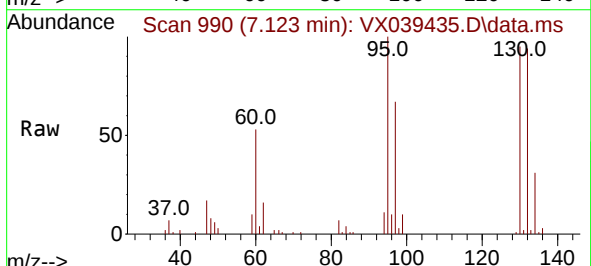
Manual Integrations
APPROVED

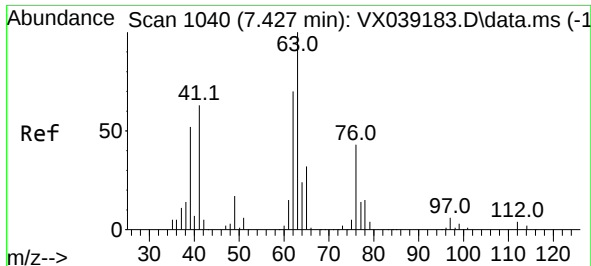
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#44
Trichloroethene
Concen: 18.868 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Tgt Ion:130 Resp: 29509
Ion Ratio Lower Upper
130 100
95 104.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.870 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

Tgt Ion: 63 Resp: 3305

Ion Ratio Lower Upper

63 100

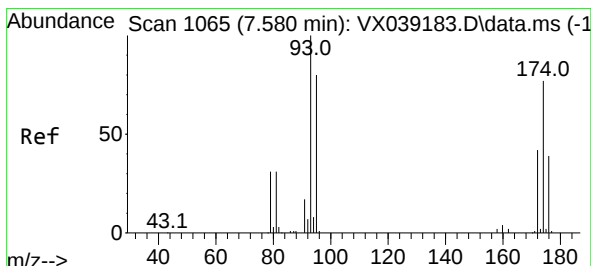
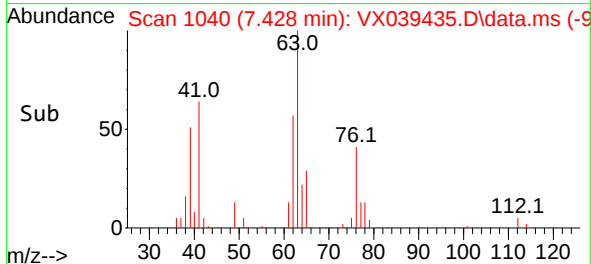
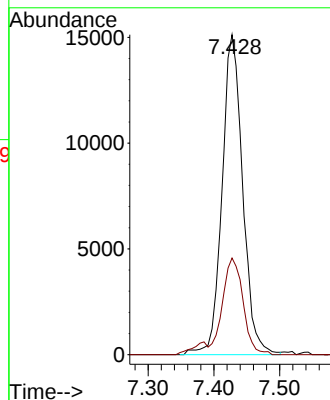
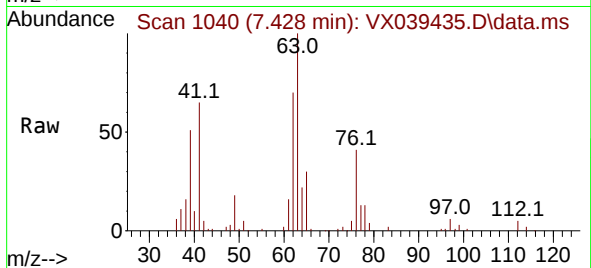
65 30.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#46

Dibromomethane

Concen: 20.129 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

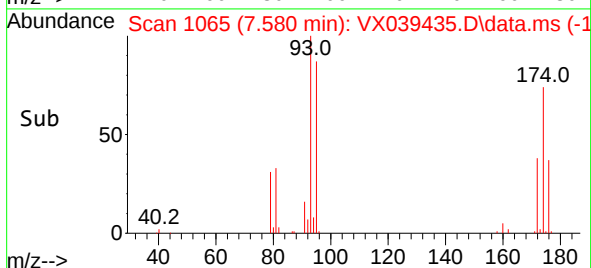
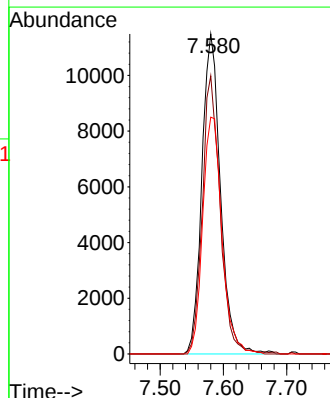
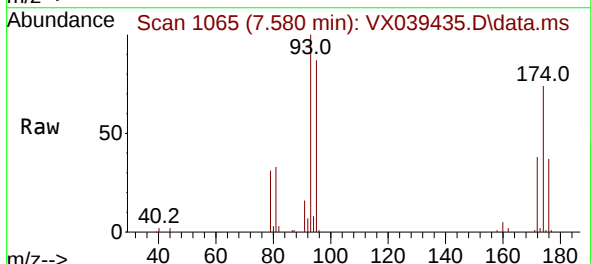
Tgt Ion: 93 Resp: 23536

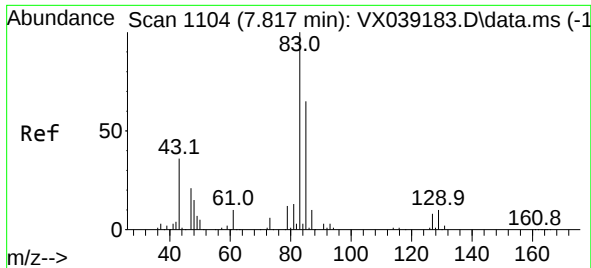
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 76.7 69.4 104.0





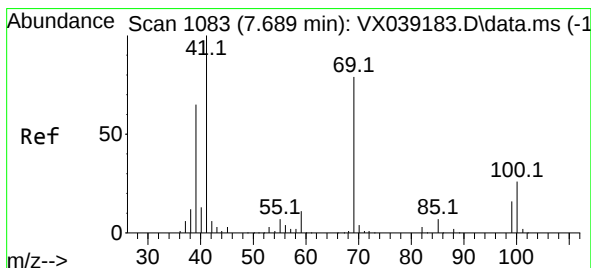
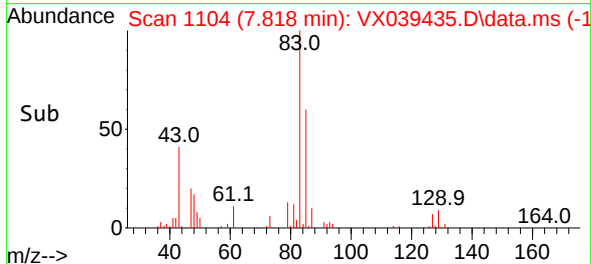
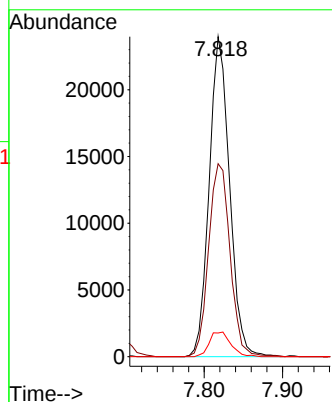
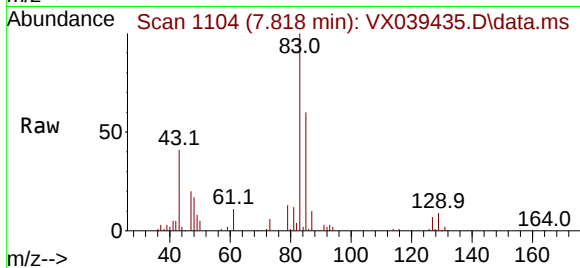
#47
Bromodichloromethane
Concen: 19.382 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01

Tgt Ion: 83 Resp: 4333
Ion Ratio Lower Upper
83 100
85 60.3 49.8 74.6
127 7.4 7.1 10.7

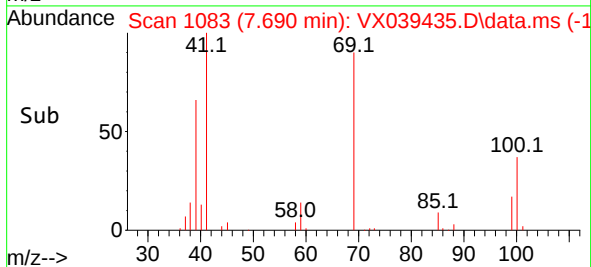
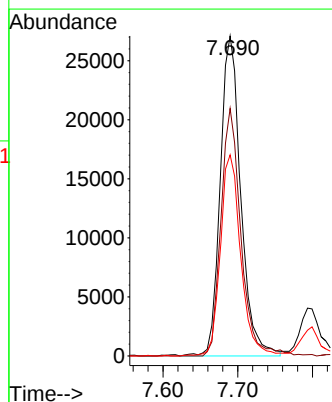
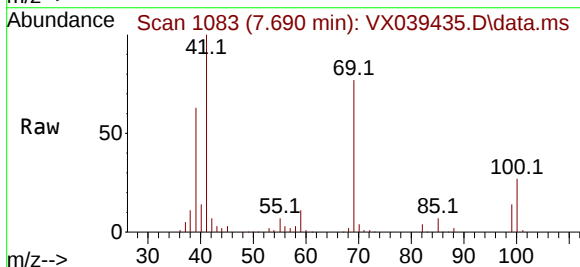
Manual Integrations
APPROVED

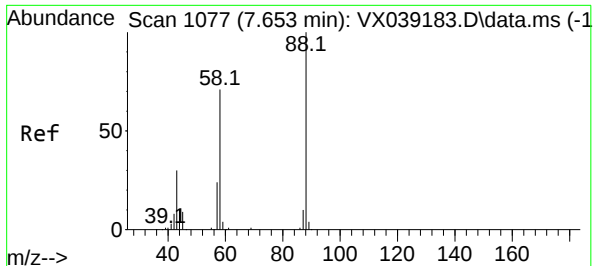
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#48
Methyl methacrylate
Concen: 20.111 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Tgt Ion: 41 Resp: 51752
Ion Ratio Lower Upper
41 100
69 75.3 59.2 88.8
39 62.4 47.7 71.5





#49

1,4-Dioxane

Concen: 395.735 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

Tgt Ion: 88 Resp: 1372

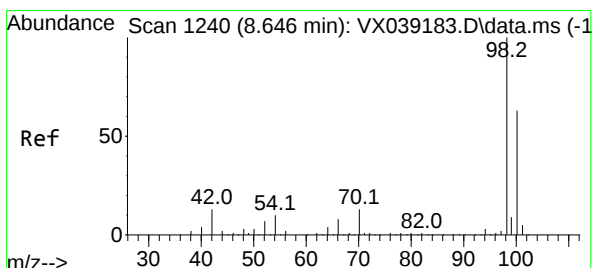
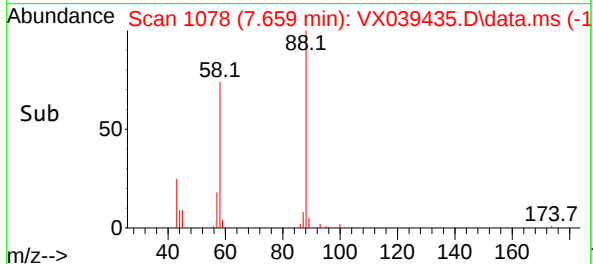
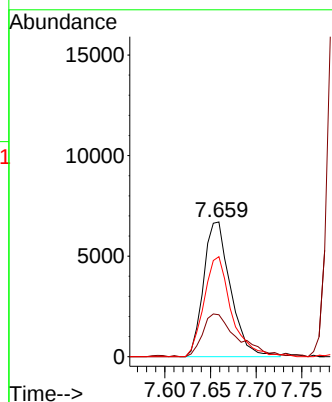
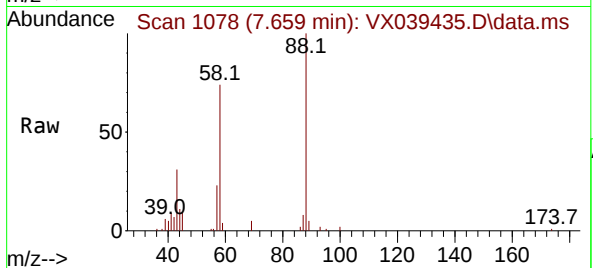
Ion	Ratio	Lower	Upper
88	100		
43	40.5	0.0	0.0
58	75.6	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#50

Toluene-d8

Concen: 50.523 ug/l

RT: 8.647 min Scan# 1240

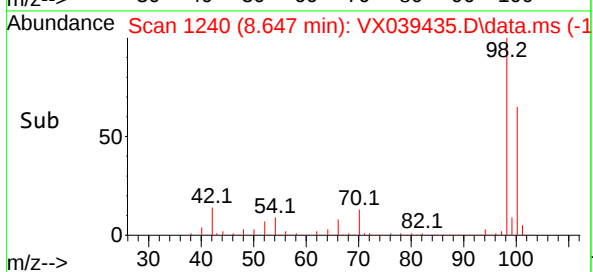
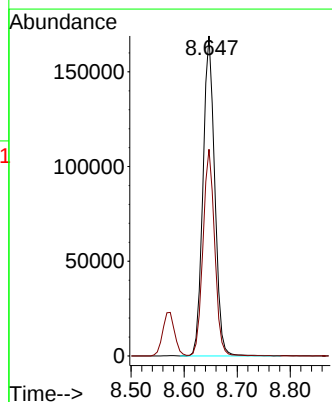
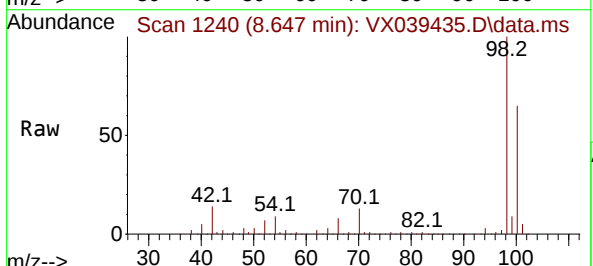
Delta R.T. 0.000 min

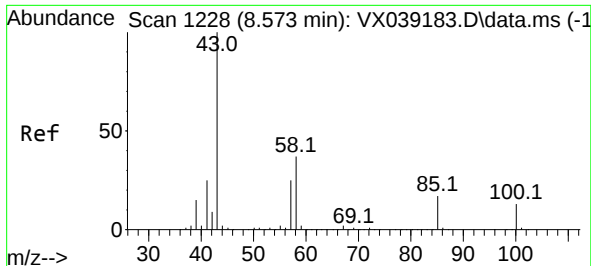
Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Tgt Ion: 98 Resp: 260427

Ion	Ratio	Lower	Upper
98	100		
100	63.7	53.1	79.7





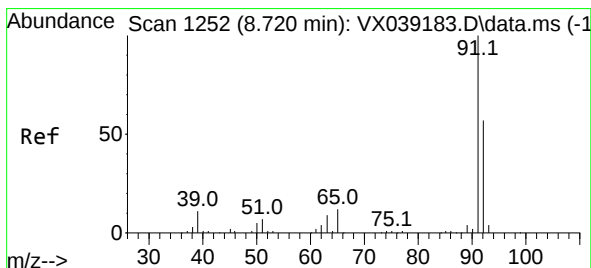
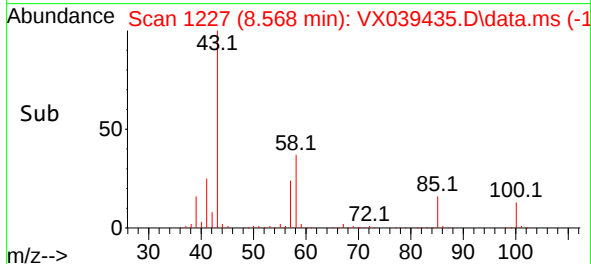
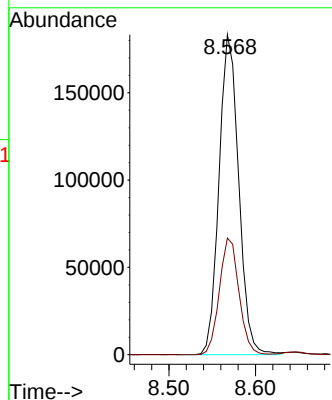
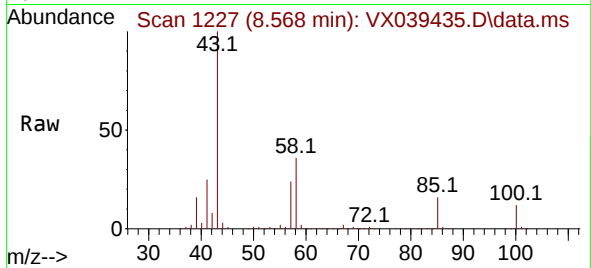
#51
4-Methyl-2-Pentanone
Concen: 102.916 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01

Tgt Ion: 43 Resp: 288634
Ion Ratio Lower Upper
43 100
58 36.4 30.4 45.6

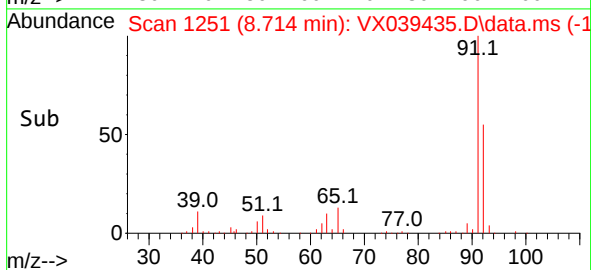
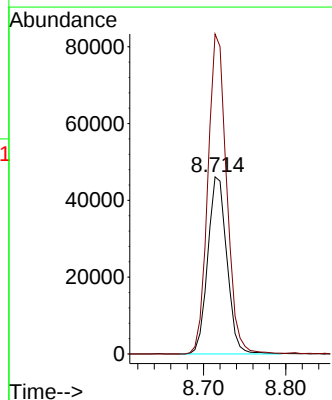
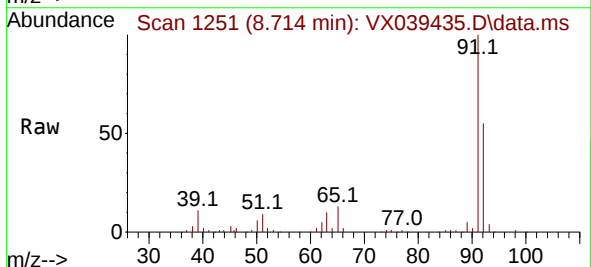
Manual Integrations
APPROVED

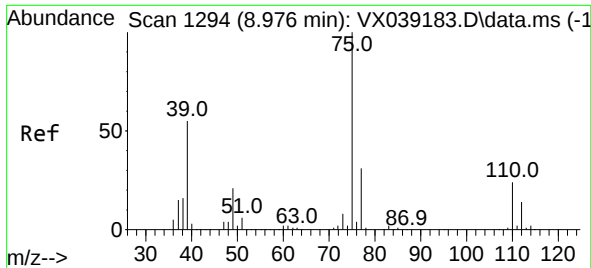
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#52
Toluene
Concen: 19.899 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Tgt Ion: 92 Resp: 74437
Ion Ratio Lower Upper
92 100
91 177.6 134.2 201.2





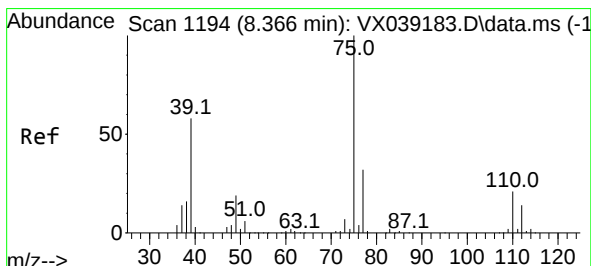
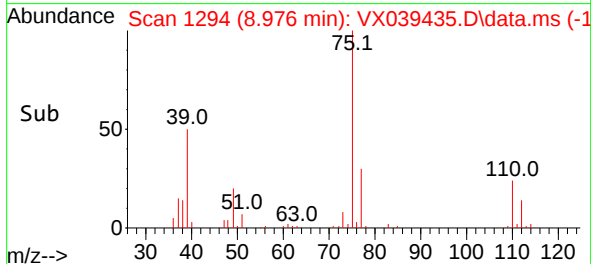
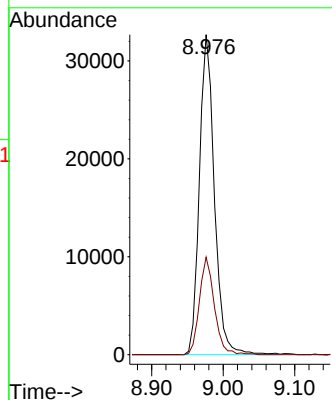
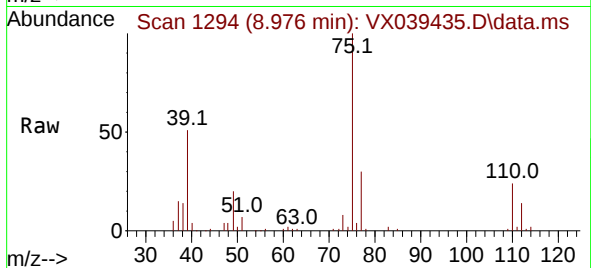
#53
t-1,3-Dichloropropene
Concen: 19.324 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01

Tgt Ion: 75 Resp: 4756
Ion Ratio Lower Upper
75 100
77 30.4 25.7 38.5

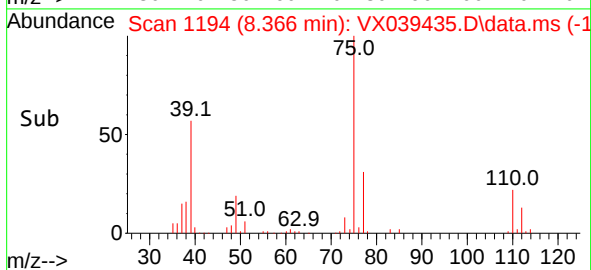
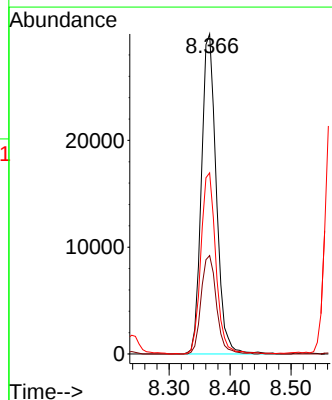
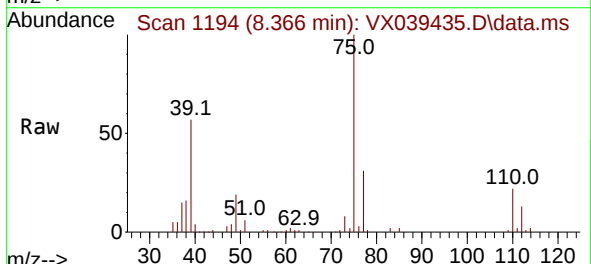
Manual Integrations
APPROVED

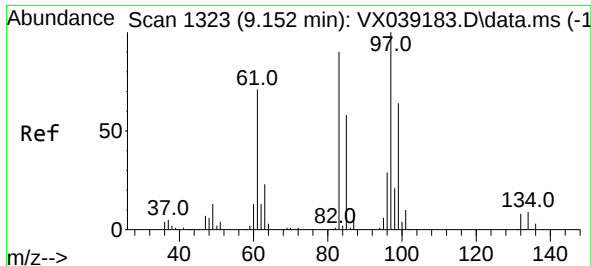
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#54
cis-1,3-Dichloropropene
Concen: 19.202 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

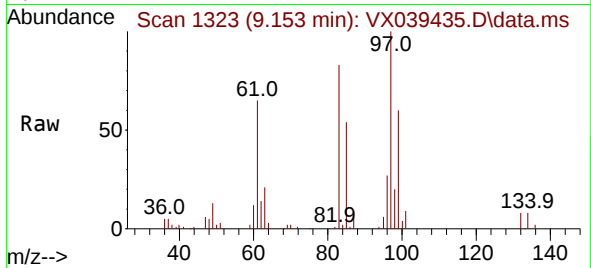
Tgt Ion: 75 Resp: 50855
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 56.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.227 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01

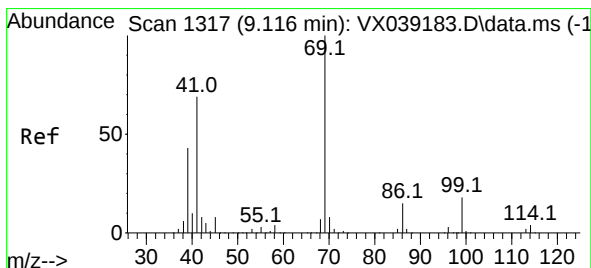
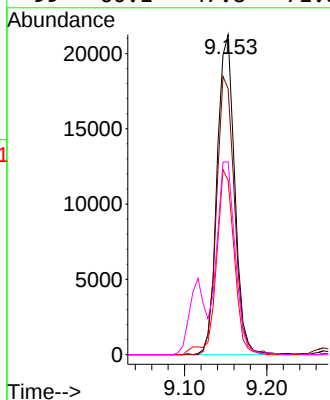
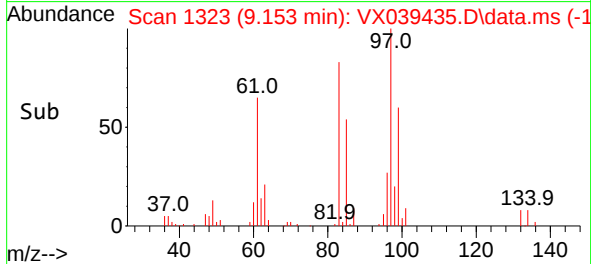


Tgt Ion: 97 Resp: 31589

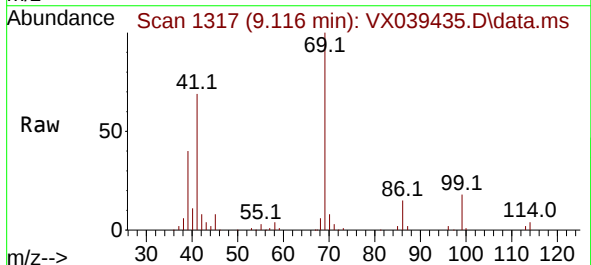
Ion	Ratio	Lower	Upper
97	100		
83	83.2	65.8	98.8
85	54.4	41.6	62.4
99	60.1	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

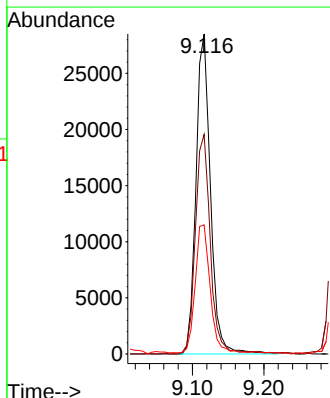
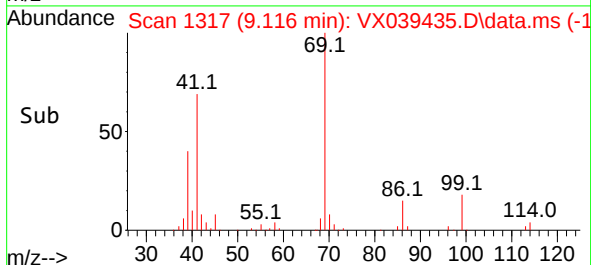


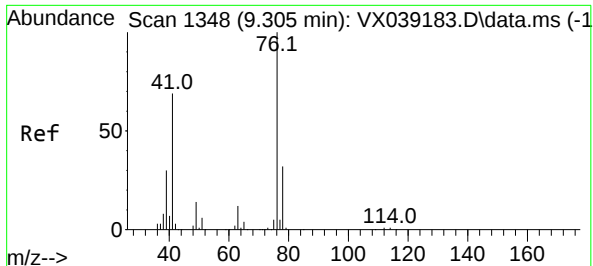
#56
Ethyl methacrylate
Concen: 21.083 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24



Tgt Ion: 69 Resp: 40194

Ion	Ratio	Lower	Upper
69	100		
41	70.7	56.8	85.2
39	41.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.626 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

Tgt Ion: 76 Resp: 5568

Ion Ratio Lower Upper

76 100

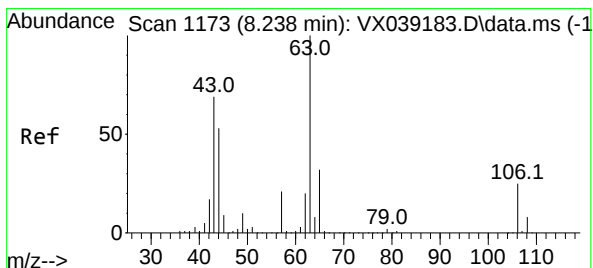
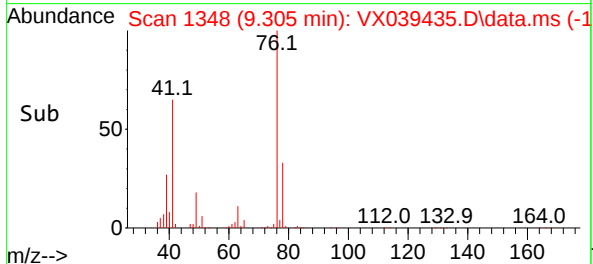
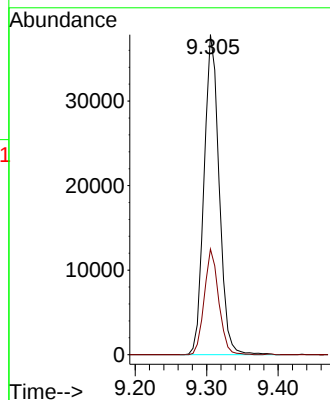
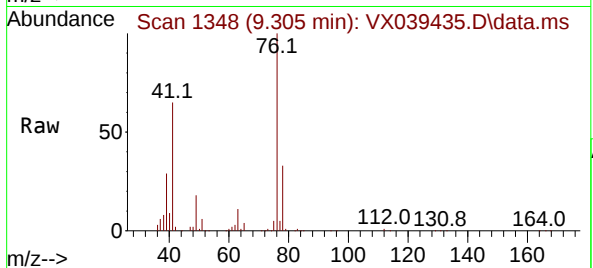
78 31.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 105.579 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039435.D

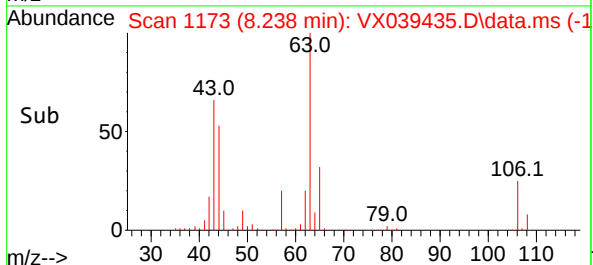
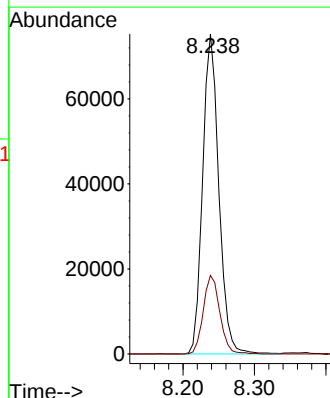
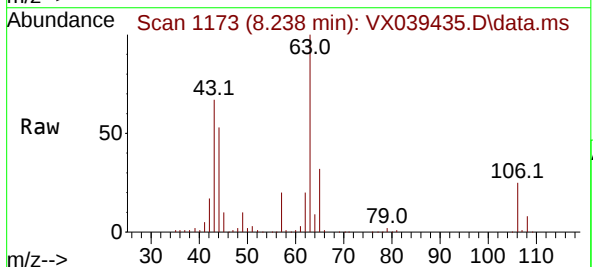
Acq: 22 Dec 2023 13:24

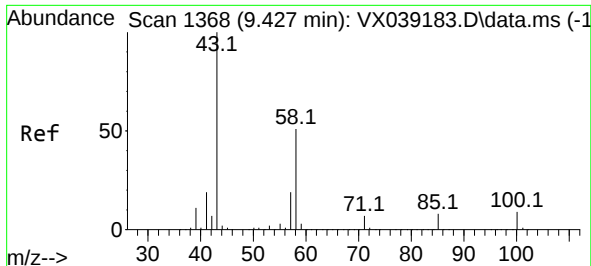
Tgt Ion: 63 Resp: 118191

Ion Ratio Lower Upper

63 100

106 25.1 22.5 33.7





#59

2-Hexanone

Concen: 93.197 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

Tgt Ion: 43 Resp: 225579

Ion Ratio Lower Upper

43 100

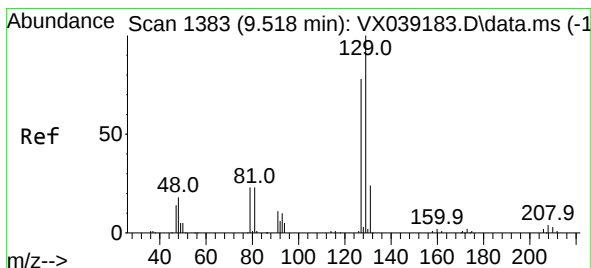
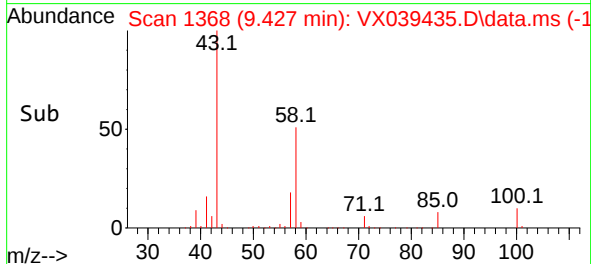
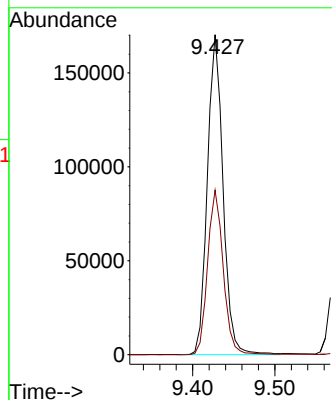
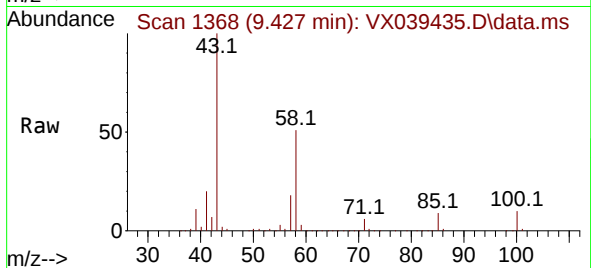
58 51.5 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#60

Dibromochloromethane

Concen: 18.463 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039435.D

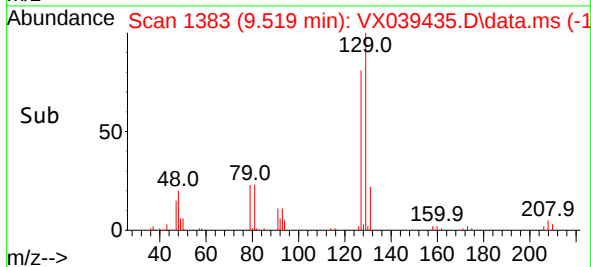
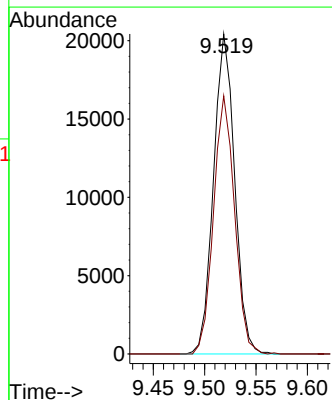
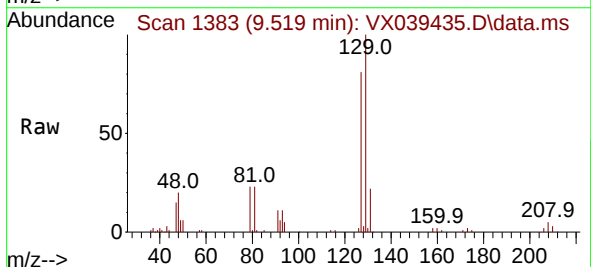
Acq: 22 Dec 2023 13:24

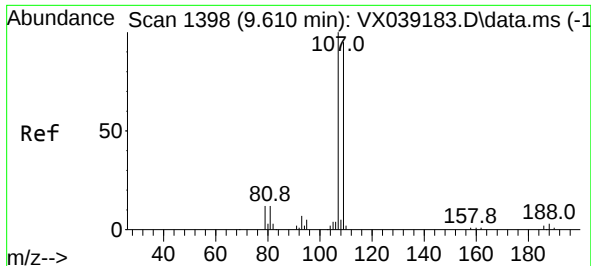
Tgt Ion:129 Resp: 29160

Ion Ratio Lower Upper

129 100

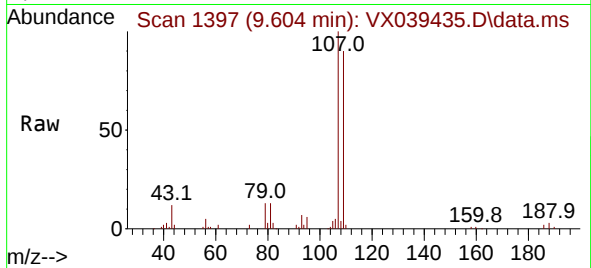
127 80.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.391 ug/l
RT: 9.604 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

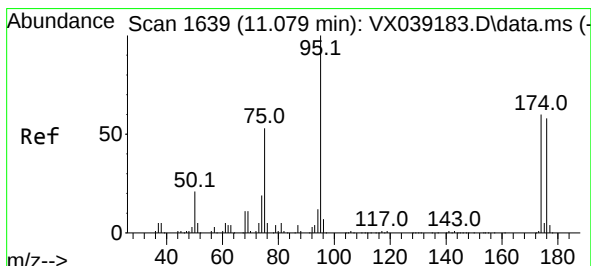
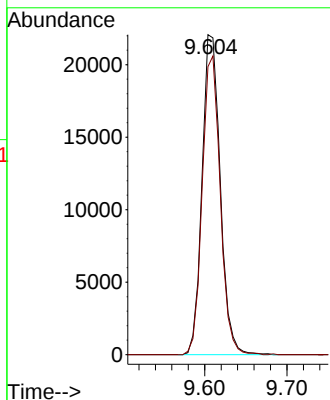
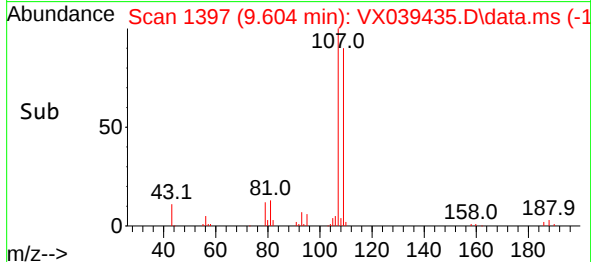
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01



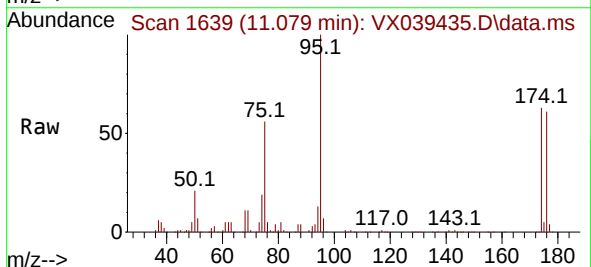
Tgt Ion:107 Resp: 3399
Ion Ratio Lower Upper
107 100
109 92.3 75.2 112.8

Manual Integrations
APPROVED

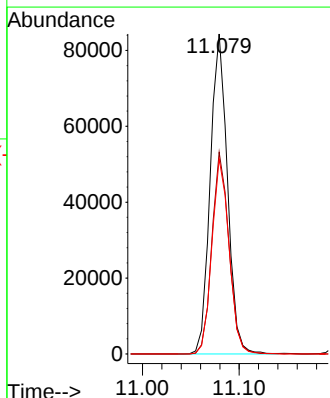
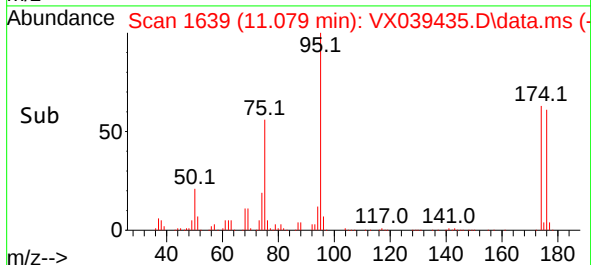
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

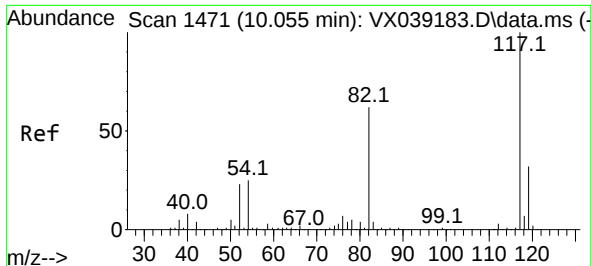


#62
4-Bromofluorobenzene
Concen: 49.000 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24



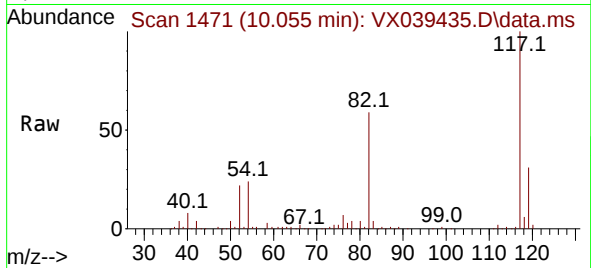
Tgt Ion: 95 Resp: 104211
Ion Ratio Lower Upper
95 100
174 62.6 0.0 135.6
176 60.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

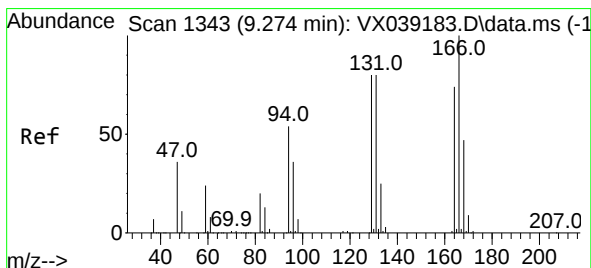
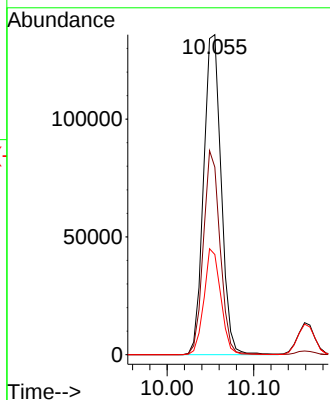
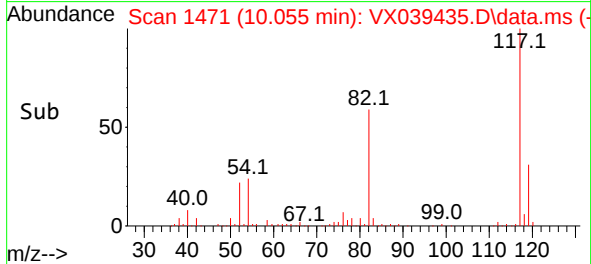
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01



Tgt Ion:117 Resp: 19111
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 31.3 25.5 38.3

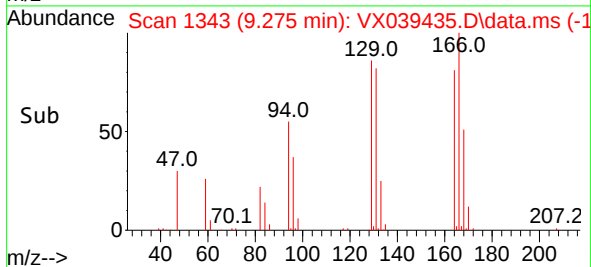
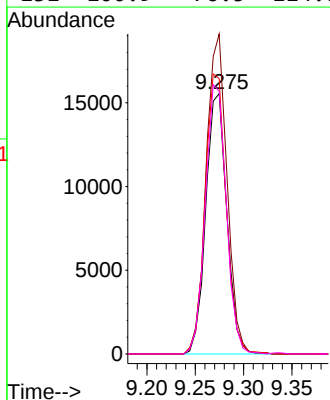
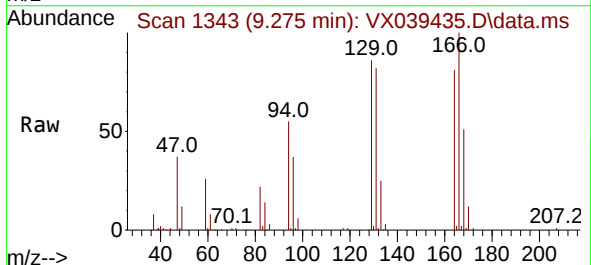
Manual Integrations
APPROVED

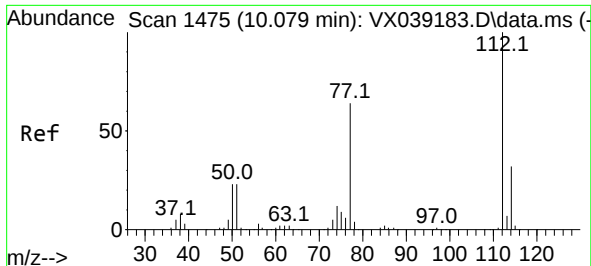
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#64
Tetrachloroethene
Concen: 18.833 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Tgt Ion:164 Resp: 23520
Ion Ratio Lower Upper
164 100
166 122.9 102.7 154.1
129 105.8 80.4 120.6
131 100.9 76.5 114.7





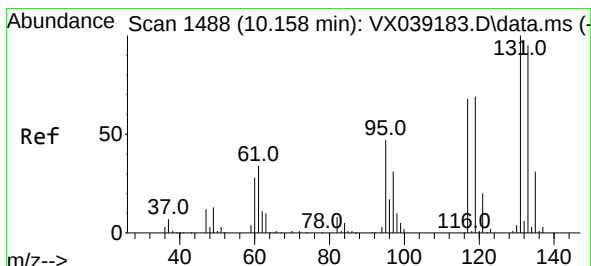
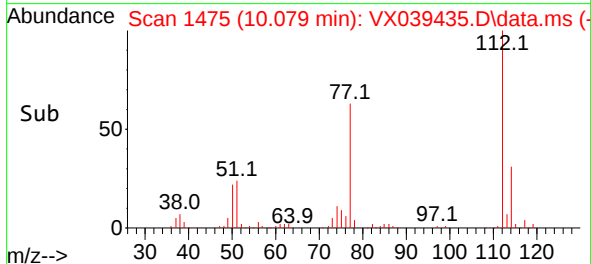
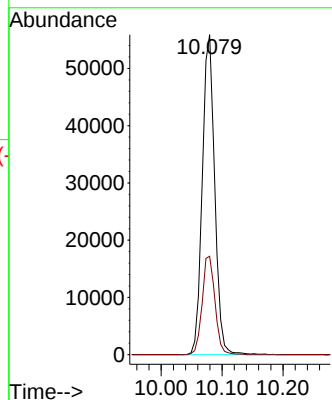
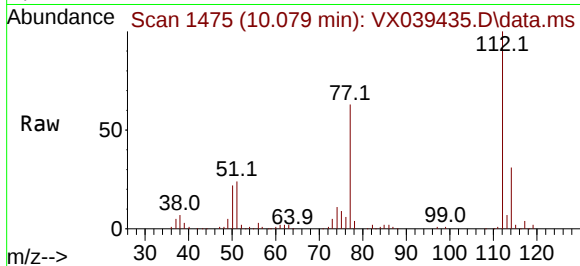
#65
Chlorobenzene
Concen: 18.959 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01

Tgt Ion:112 Resp: 7908
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5

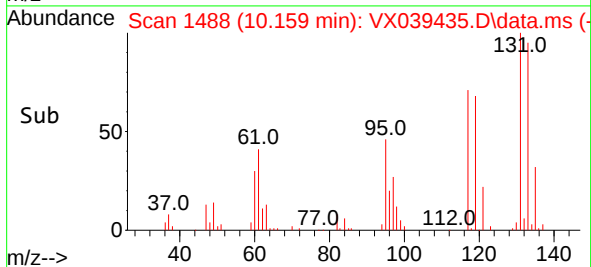
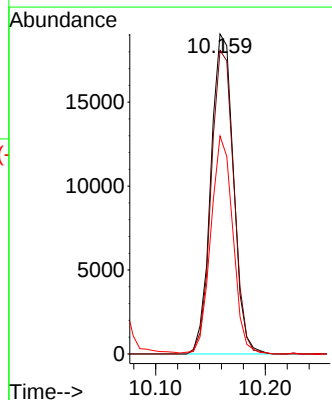
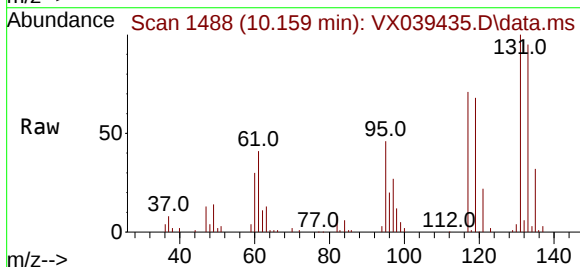
Manual Integrations
APPROVED

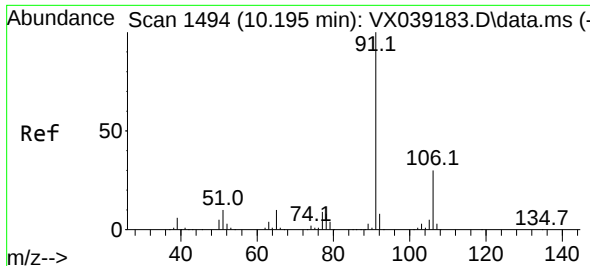
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.554 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Tgt Ion:131 Resp: 27338
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 66.3 32.2 96.6





#67

Ethyl Benzene

Concen: 19.268 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

Tgt Ion: 91 Resp: 149609

Ion Ratio Lower Upper

91 100

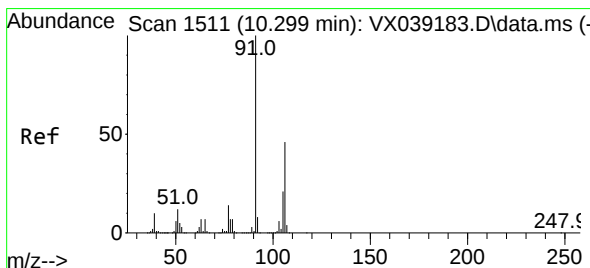
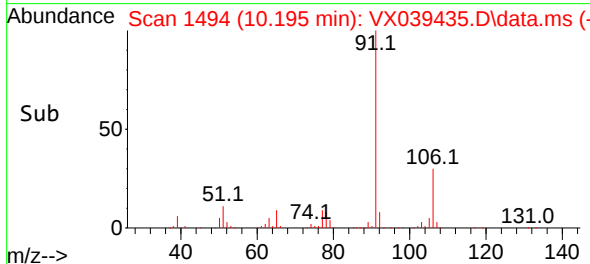
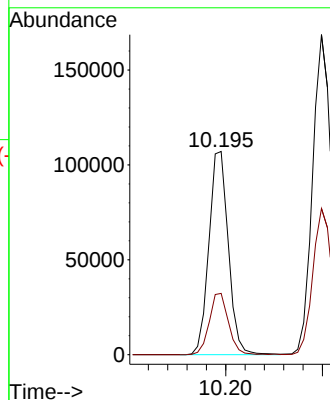
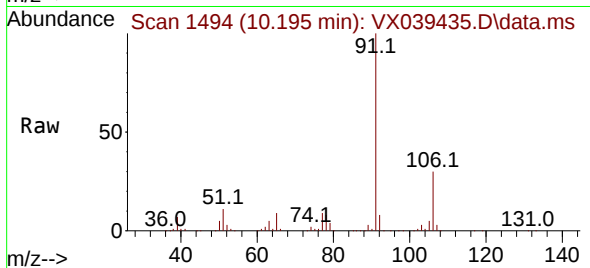
106 30.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#68

m/p-Xylenes

Concen: 38.808 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039435.D

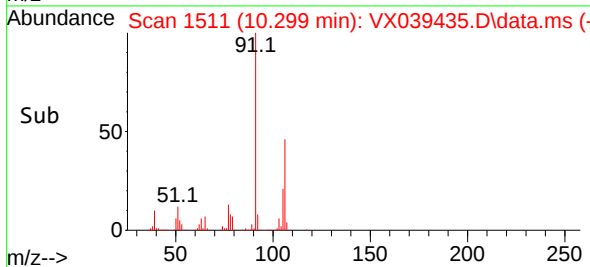
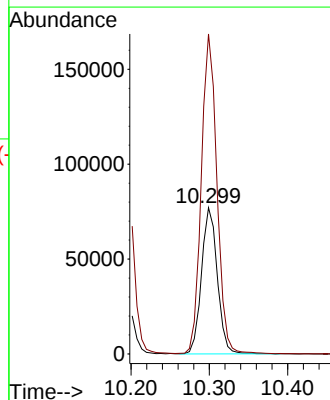
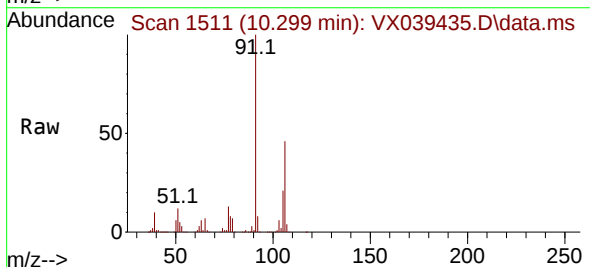
Acq: 22 Dec 2023 13:24

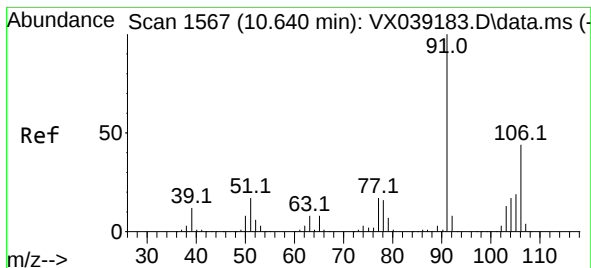
Tgt Ion:106 Resp: 108041

Ion Ratio Lower Upper

106 100

91 216.6 165.5 248.3





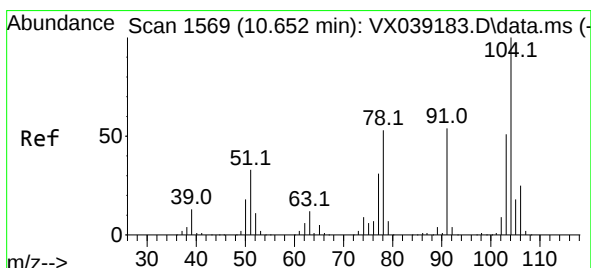
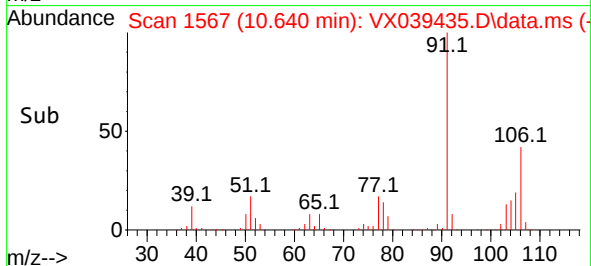
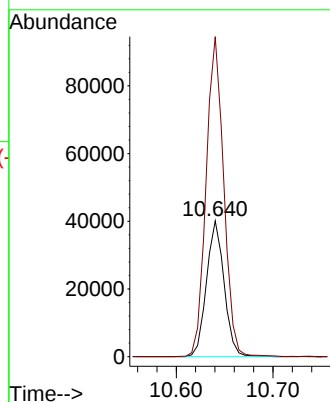
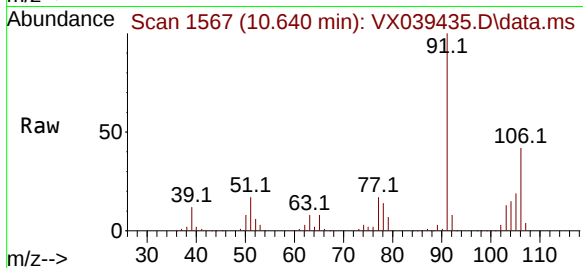
#69
o-Xylene
Concen: 18.903 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01

Tgt Ion:106 Resp: 5088
Ion Ratio Lower Upper
106 100
91 236.0 108.9 326.8

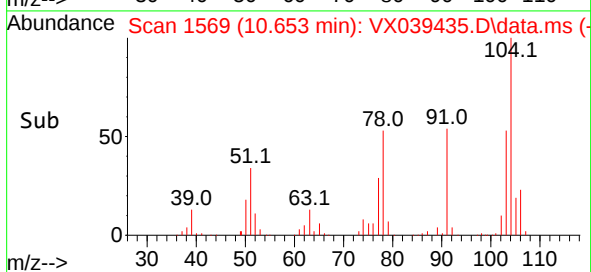
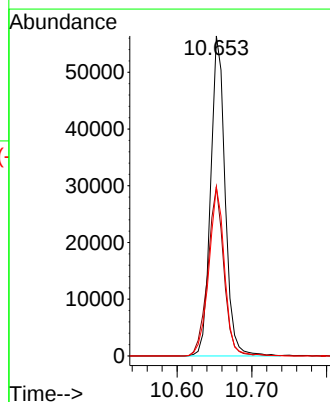
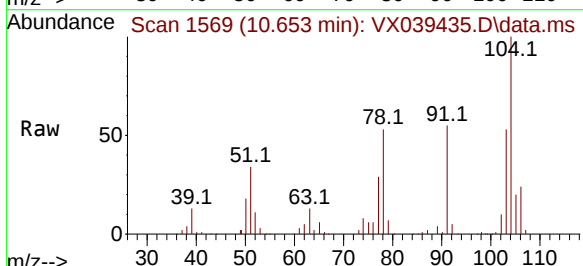
Manual Integrations
APPROVED

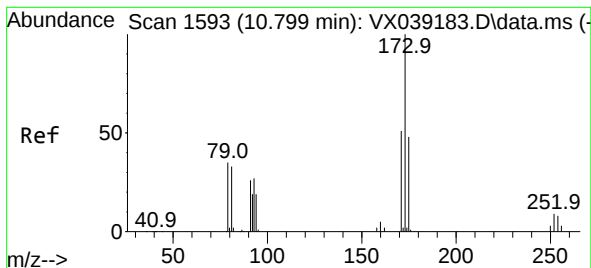
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#70
Styrene
Concen: 19.360 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Tgt Ion:104 Resp: 76184
Ion Ratio Lower Upper
104 100
78 58.5 43.6 65.4
103 57.4 43.6 65.4





#71

Bromoform

Concen: 17.393 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

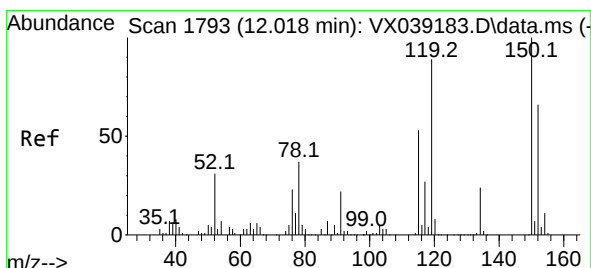
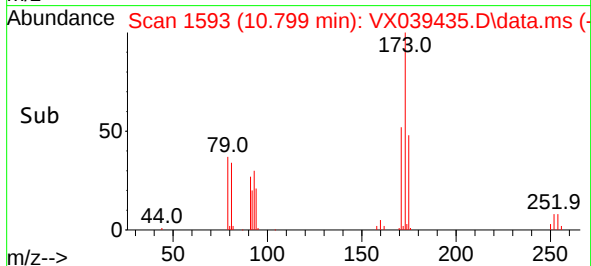
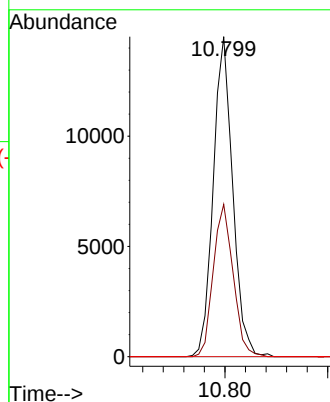
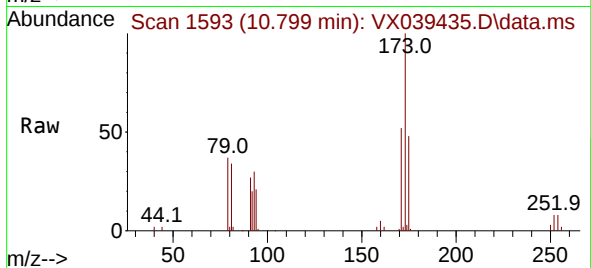
Tgt Ion:173	Resp:	19049
Ion Ratio	Lower	Upper
173	100	
175	48.6	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

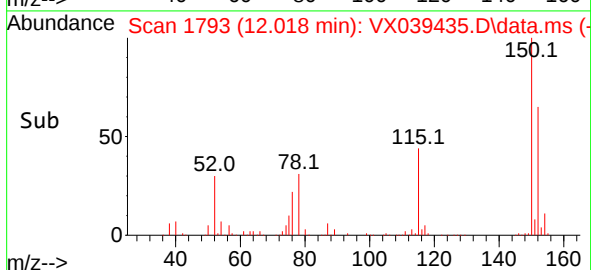
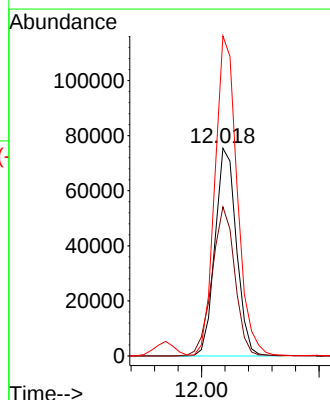
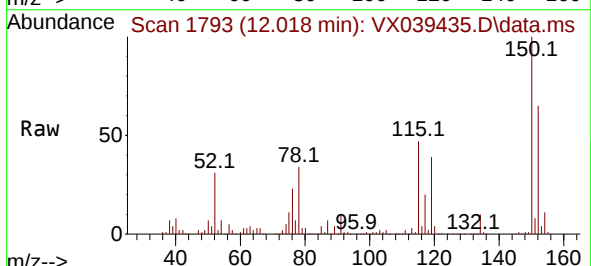
RT: 12.018 min Scan# 1793

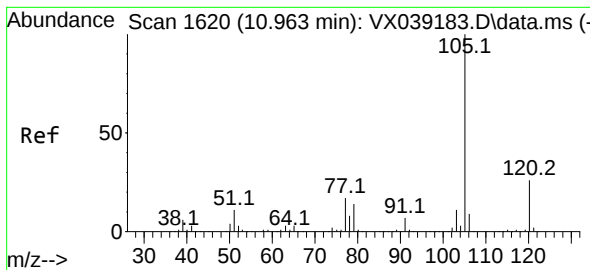
Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Tgt Ion:152	Resp:	95616
Ion Ratio	Lower	Upper
152	100	
115	76.7	43.3 129.9
150	160.3	0.0 345.0





#73

Isopropylbenzene

Concen: 19.021 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

Tgt Ion:105 Resp: 14032

Ion Ratio Lower Upper

105 100

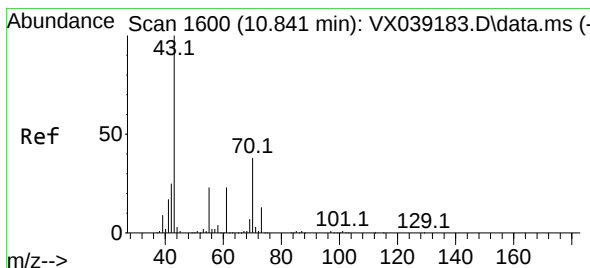
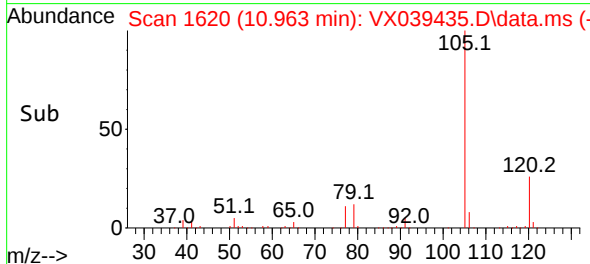
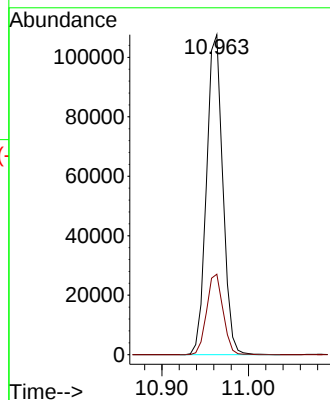
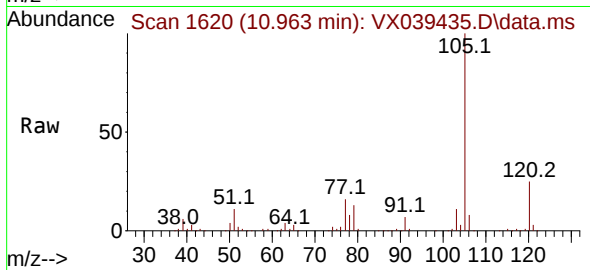
120 25.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#74

N-ethyl acetate

Concen: 19.109 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Tgt Ion: 43 Resp: 71325

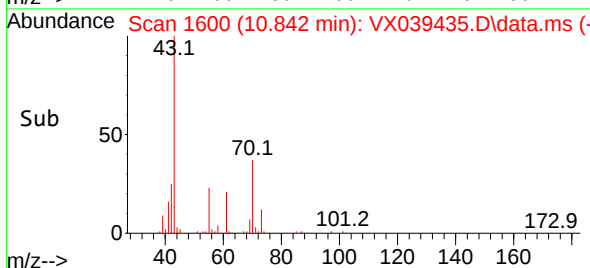
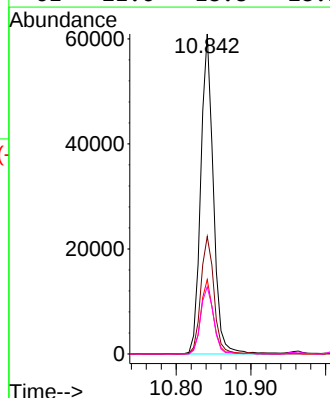
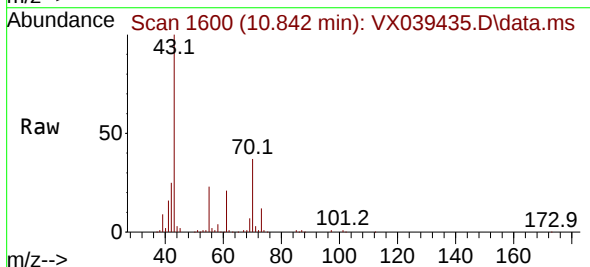
Ion Ratio Lower Upper

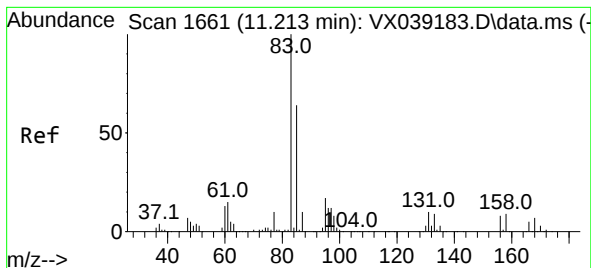
43 100

70 38.3 32.9 49.3

55 23.2 19.3 28.9

61 21.6 18.8 28.2





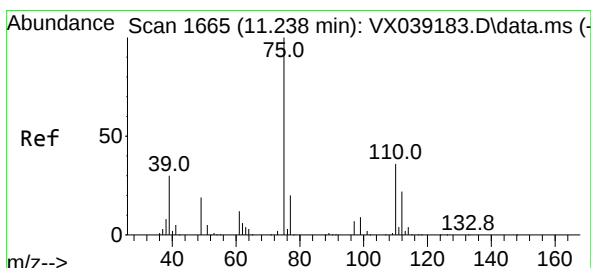
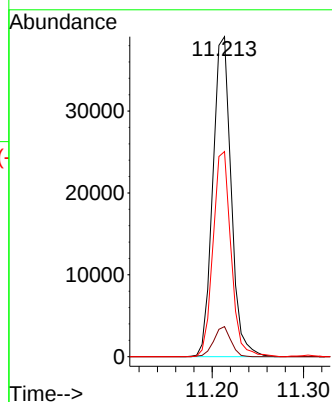
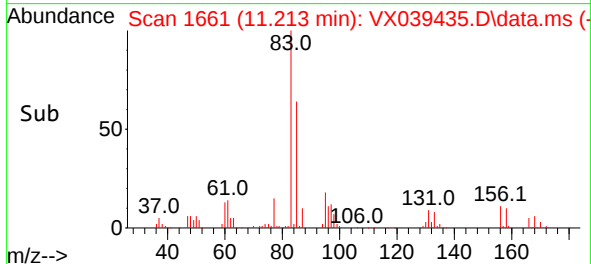
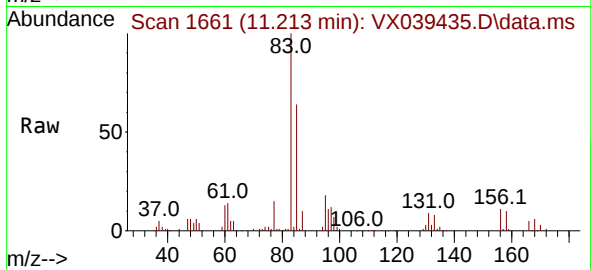
#75
1,1,2,2-Tetrachloroethane
Concen: 19.797 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01

Tgt Ion: 83 Resp: 54330
Ion Ratio Lower Upper
83 100
131 8.8 5.3 15.8
85 62.9 32.0 96.2

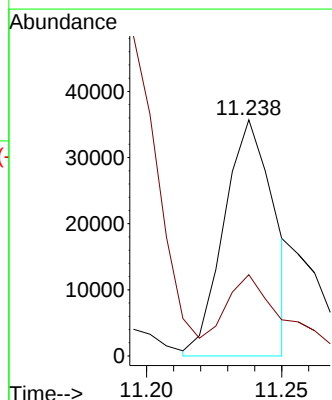
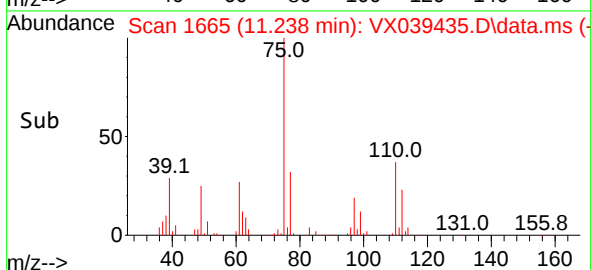
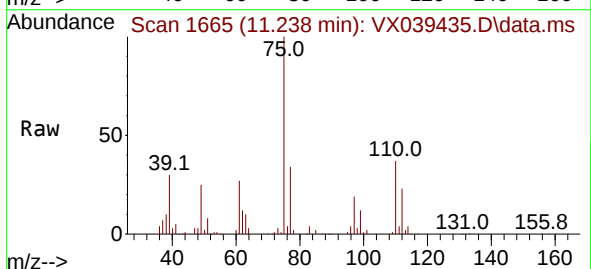
Manual Integrations
APPROVED

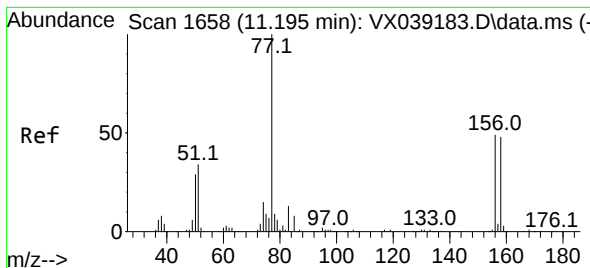
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#76
1,2,3-Trichloropropane
Concen: 18.571 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Tgt Ion: 75 Resp: 45941
Ion Ratio Lower Upper
75 100
77 41.5 19.1 57.5





#77

Bromobenzene

Concen: 19.217 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

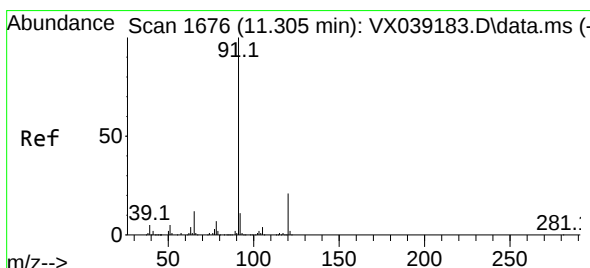
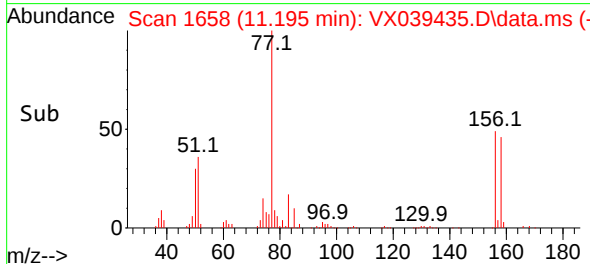
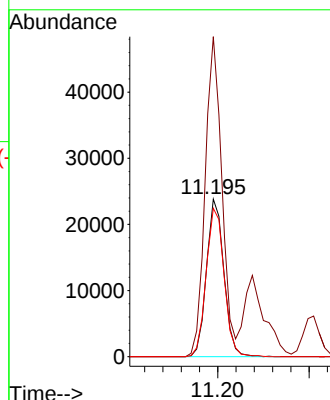
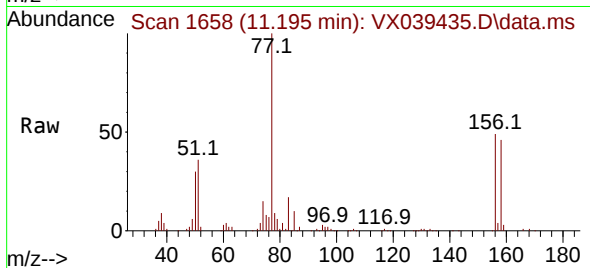
Tgt Ion:	156	Resp:	31349
Ion Ratio	Lower	Upper	
156	100		
77	195.3	88.4	265.3
158	97.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#78

n-propylbenzene

Concen: 19.097 ug/l

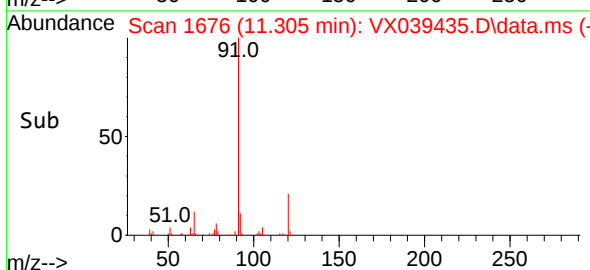
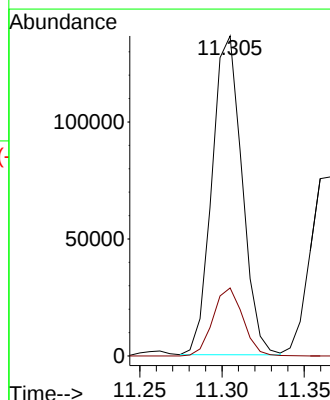
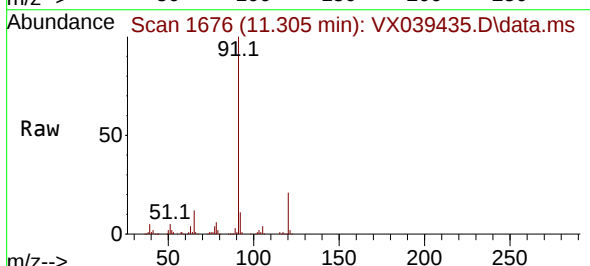
RT: 11.305 min Scan# 1676

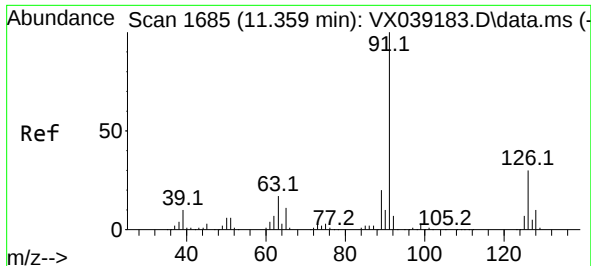
Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Tgt Ion:	91	Resp:	173575
Ion Ratio	Lower	Upper	
91	100		
120	21.3	11.5	34.4





#79

2-Chlorotoluene

Concen: 18.351 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

Tgt Ion: 91 Resp: 10089

Ion Ratio Lower Upper

91 100

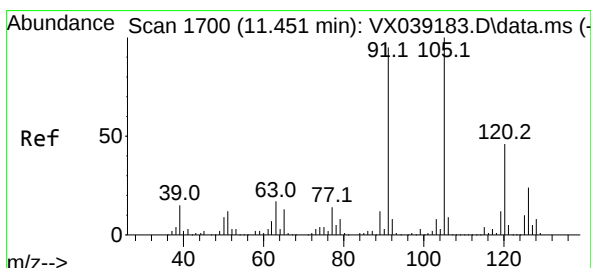
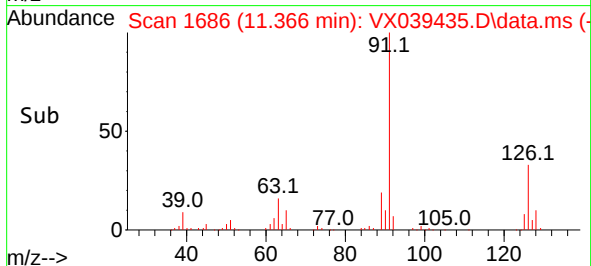
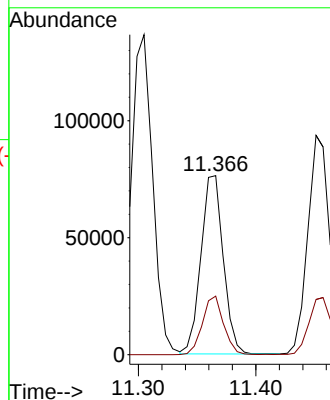
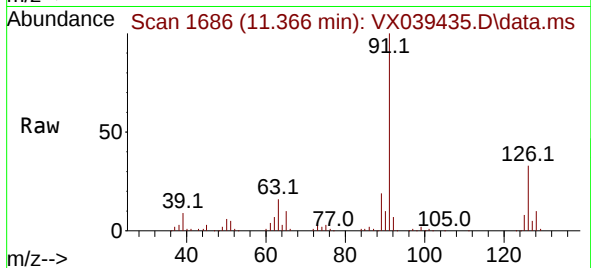
126 31.0 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#80

1,3,5-Trimethylbenzene

Concen: 19.272 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039435.D

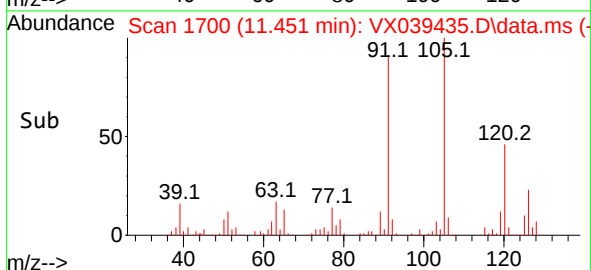
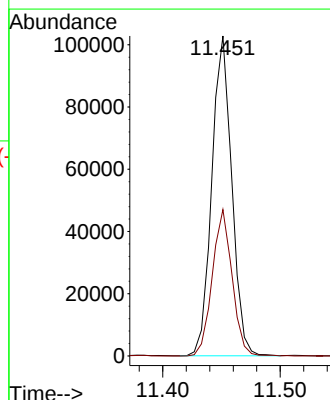
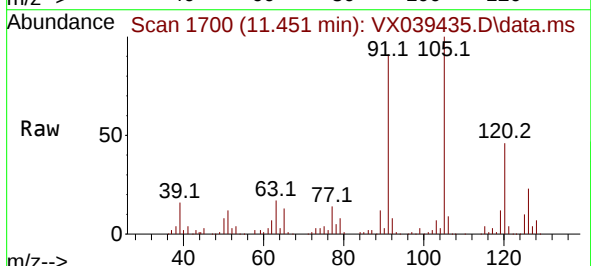
Acq: 22 Dec 2023 13:24

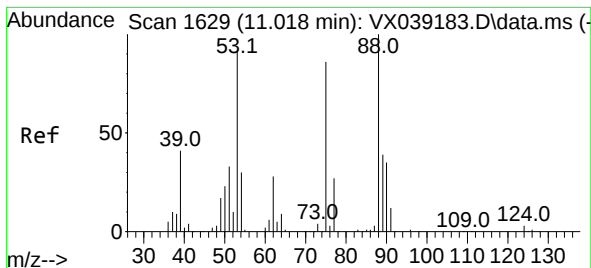
Tgt Ion:105 Resp: 121115

Ion Ratio Lower Upper

105 100

120 45.5 24.1 72.3





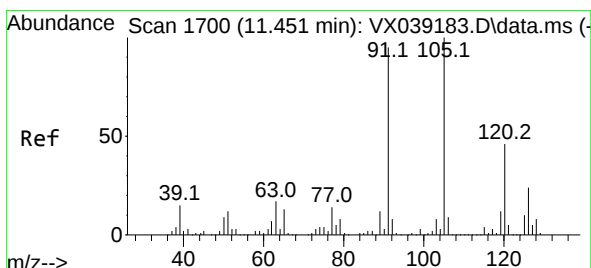
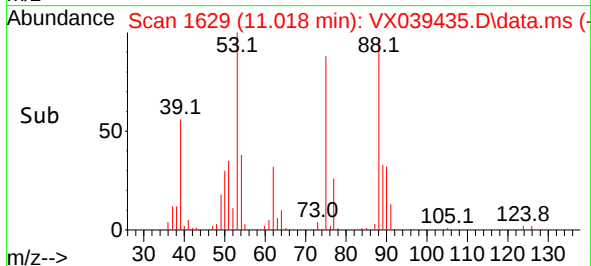
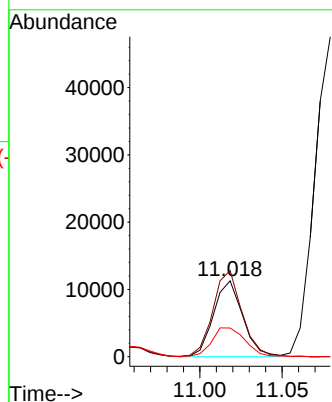
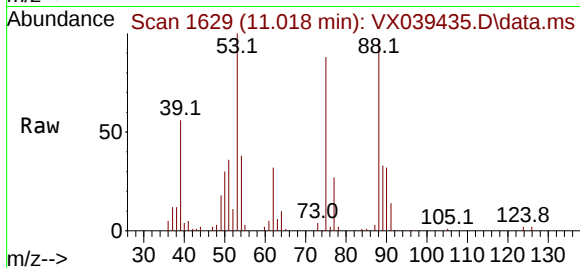
#81
trans-1,4-Dichloro-2-butene
Concen: 15.909 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01

Tgt Ion: 75 Resp: 1395
Ion Ratio Lower Upper
75 100
53 113.0 90.5 135.7
89 43.8 36.9 55.3

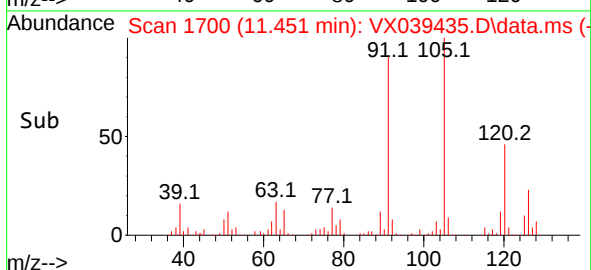
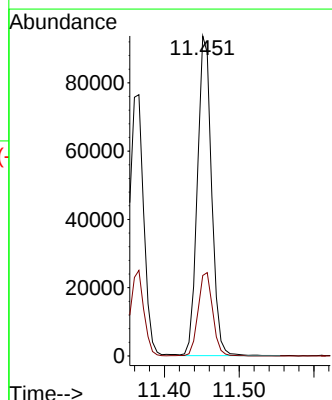
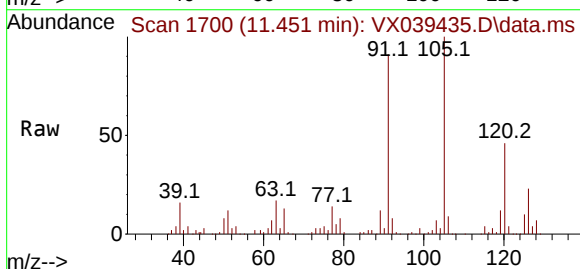
Manual Integrations
APPROVED

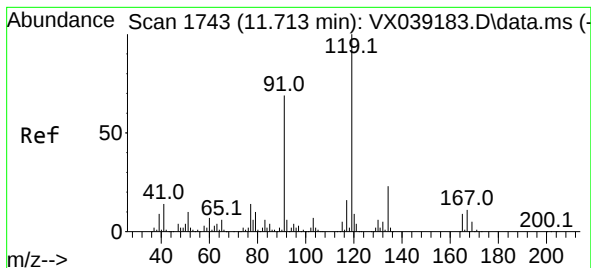
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#82
4-Chlorotoluene
Concen: 19.100 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

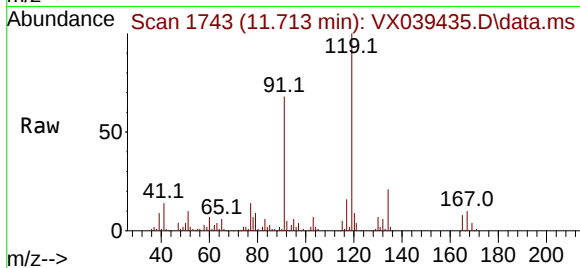
Tgt Ion: 91 Resp: 123336
Ion Ratio Lower Upper
91 100
126 26.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 18.501 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

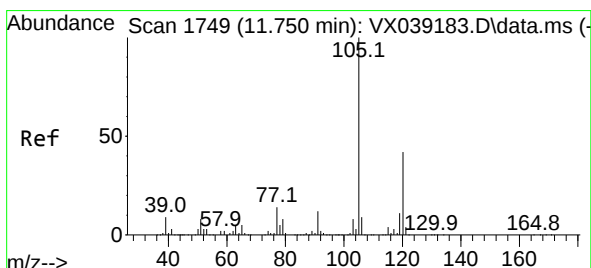
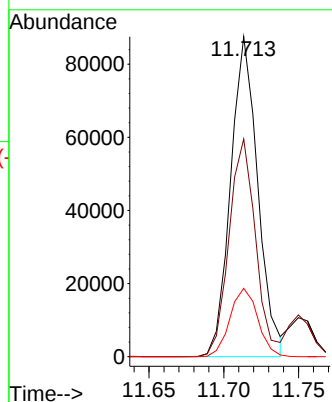
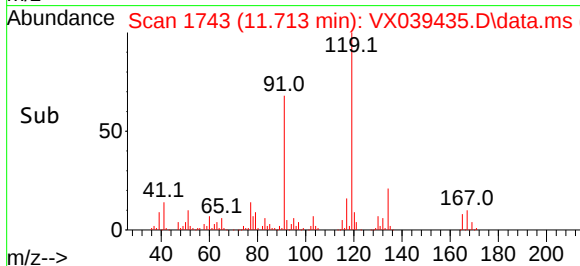
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01



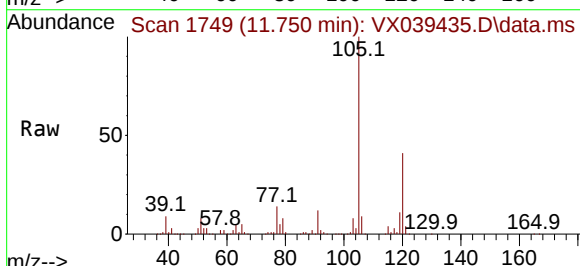
Tgt Ion:119 Resp: 110650
Ion Ratio Lower Upper
119 100
91 66.8 31.2 93.6
134 21.9 11.7 35.0

Manual Integrations
APPROVED

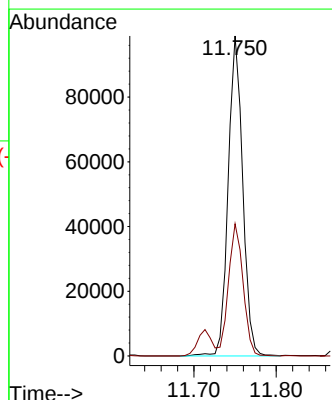
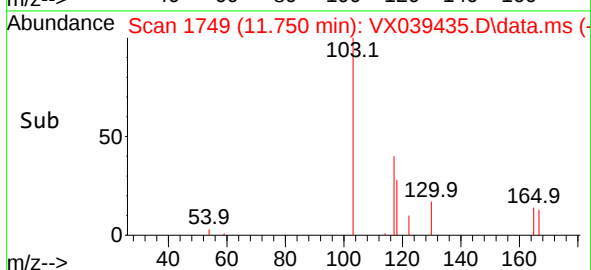
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

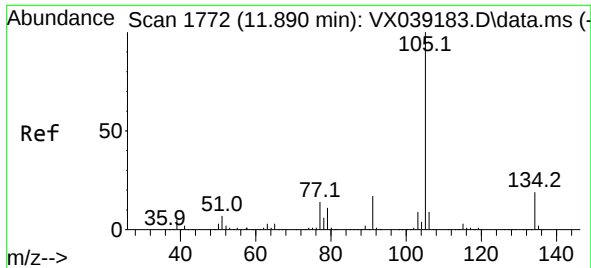


#84
1,2,4-Trimethylbenzene
Concen: 18.877 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24



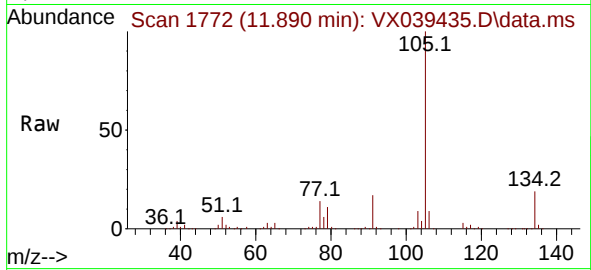
Tgt Ion:105 Resp: 121658
Ion Ratio Lower Upper
105 100
120 41.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 18.701 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039435.D
 Acq: 22 Dec 2023 13:24

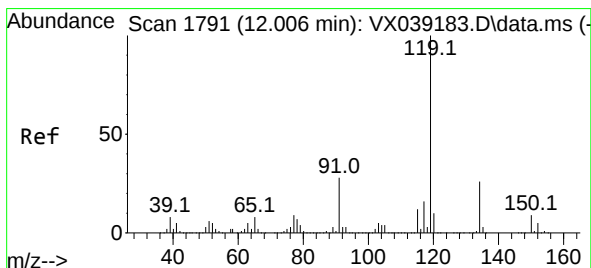
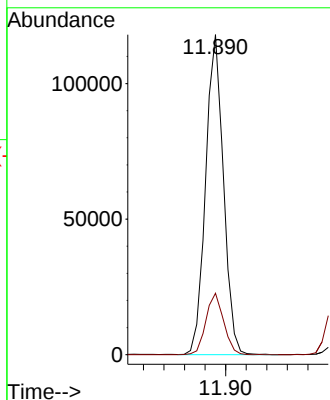
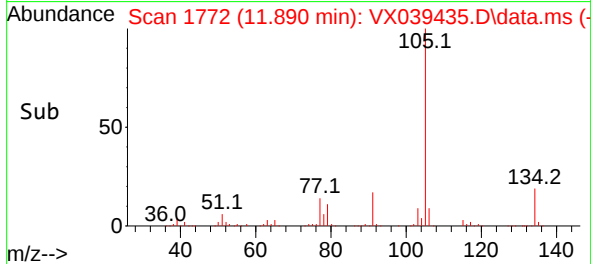
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222WBSD01



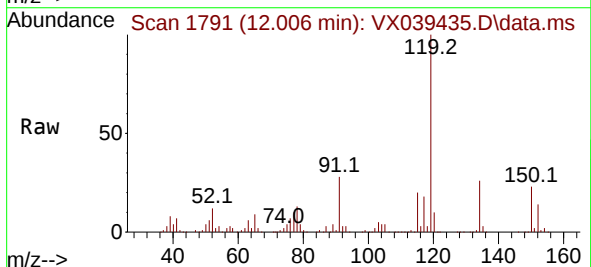
Tgt Ion:105 Resp: 14233
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations
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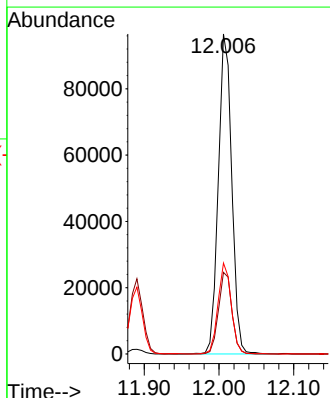
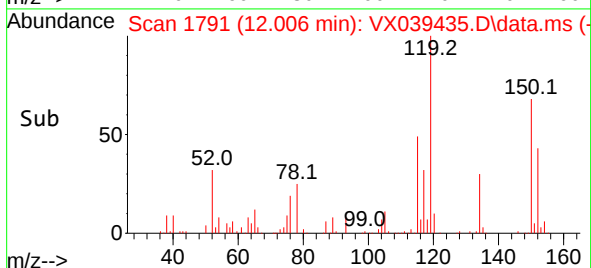
Reviewed By :John Carlone 12/27/2023
 Supervised By :Mahesh Dadoda 12/28/2023

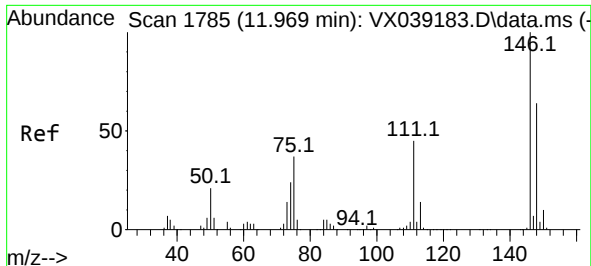


#86
 p-Isopropyltoluene
 Concen: 18.887 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039435.D
 Acq: 22 Dec 2023 13:24



Tgt Ion:119 Resp: 120633
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 28.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.514 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

Tgt Ion:146 Resp: 5933

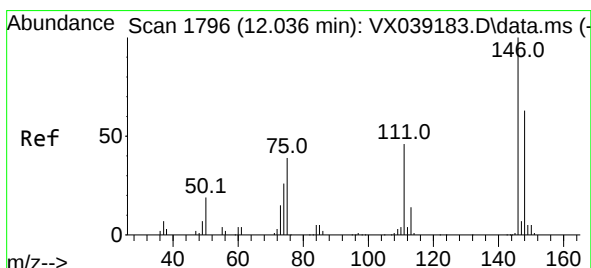
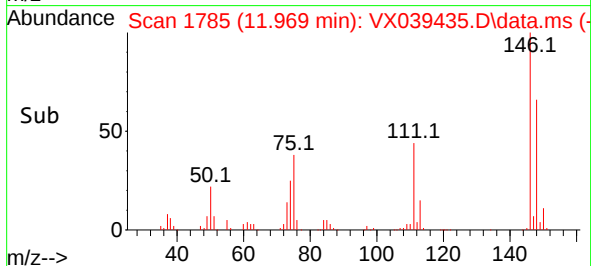
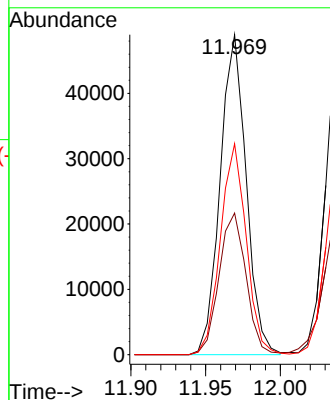
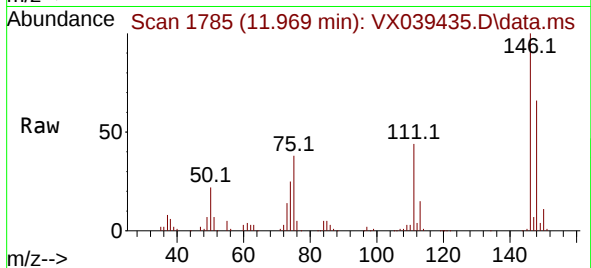
Ion	Ratio	Lower	Upper
146	100		
111	45.9	22.1	66.1
148	65.5	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#88

1,4-Dichlorobenzene

Concen: 18.422 ug/l

RT: 12.036 min Scan# 1796

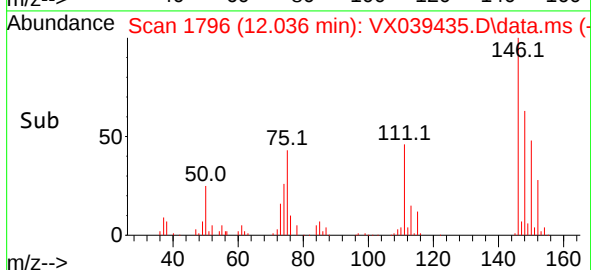
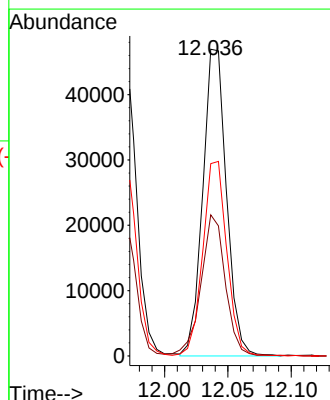
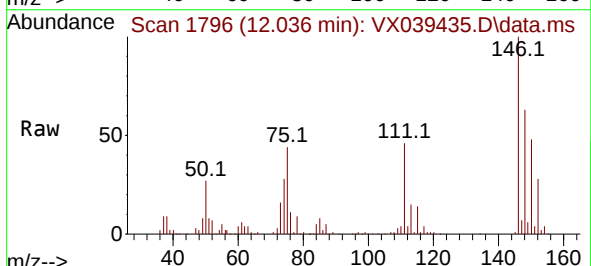
Delta R.T. 0.000 min

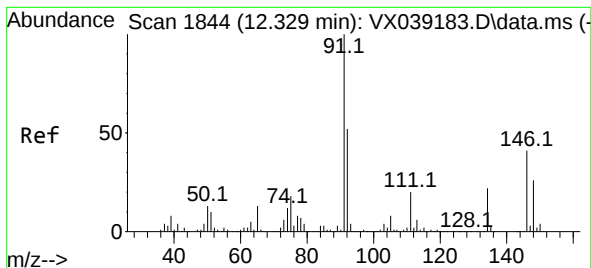
Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Tgt Ion:146 Resp: 61473

Ion	Ratio	Lower	Upper
146	100		
111	47.3	21.3	63.7
148	64.5	31.8	95.4





#89

n-Butylbenzene

Concen: 19.017 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

Tgt Ion: 91 Resp: 11940

Ion Ratio Lower Upper

91 100

92 51.6 27.4 82.0

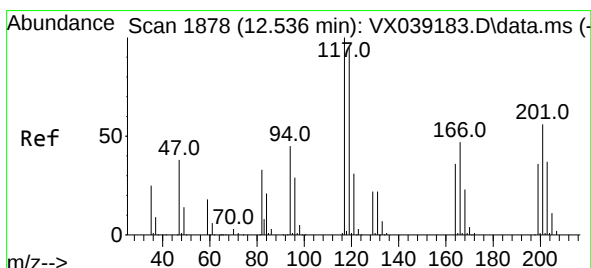
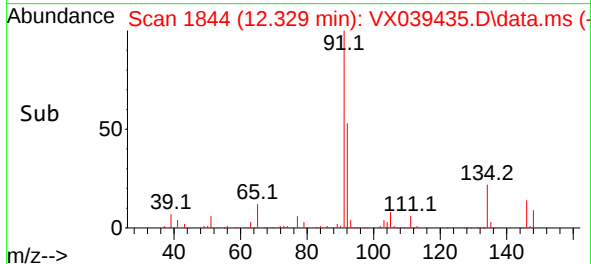
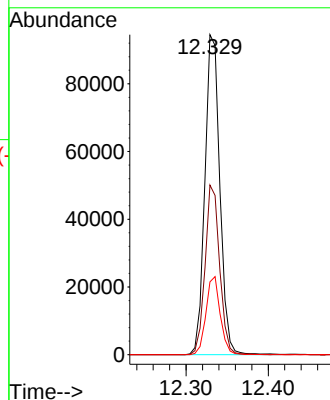
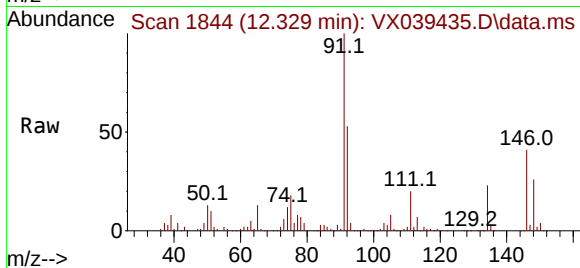
134 23.3 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#90

Hexachloroethane

Concen: 16.312 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039435.D

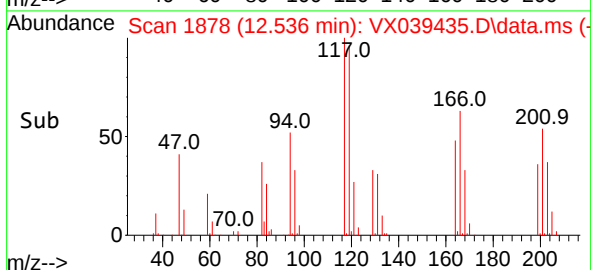
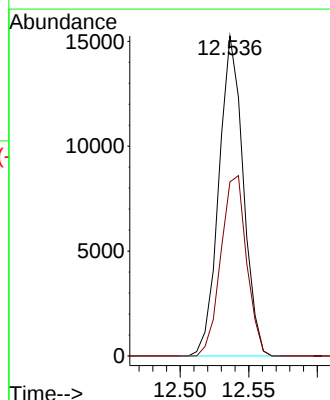
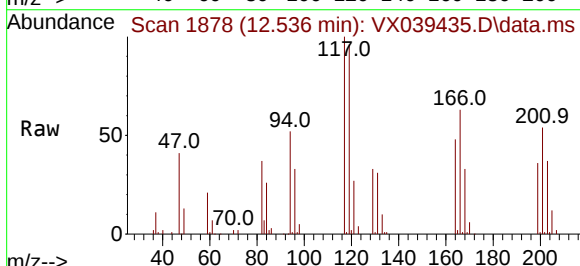
Acq: 22 Dec 2023 13:24

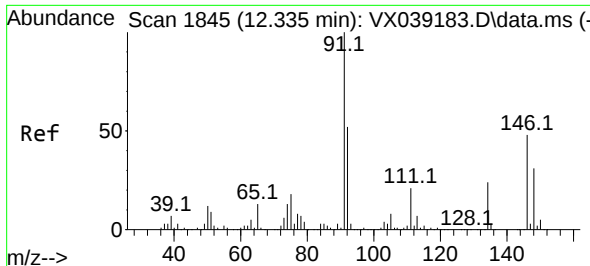
Tgt Ion:117 Resp: 18821

Ion Ratio Lower Upper

117 100

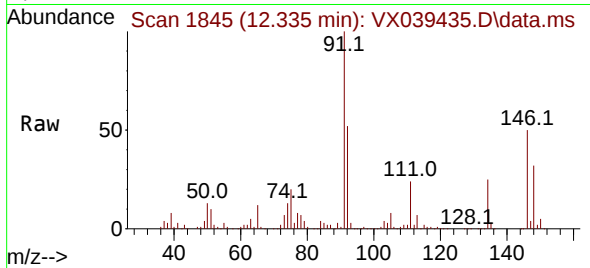
201 59.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.101 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24

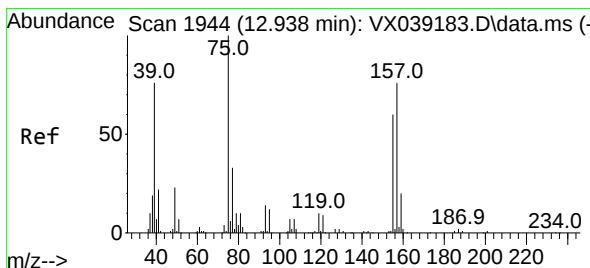
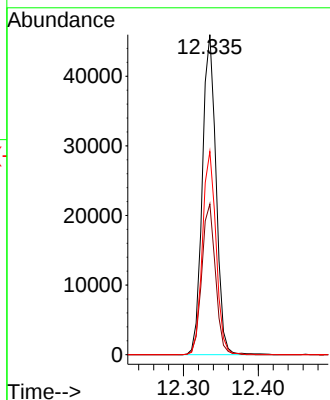
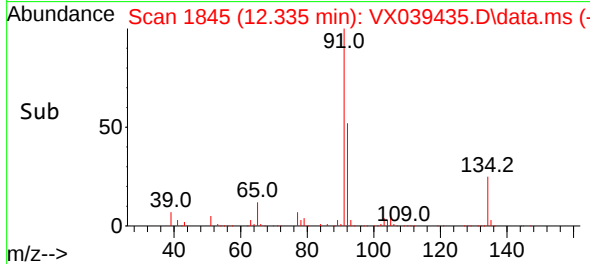
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBSD01



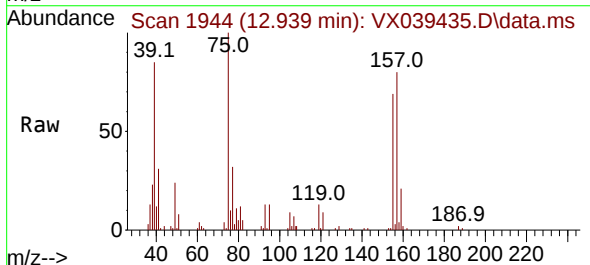
Tgt Ion:146 Resp: 5857
Ion Ratio Lower Upper
146 100
111 47.0 22.4 67.0
148 63.0 31.6 95.0

Manual Integrations
APPROVED

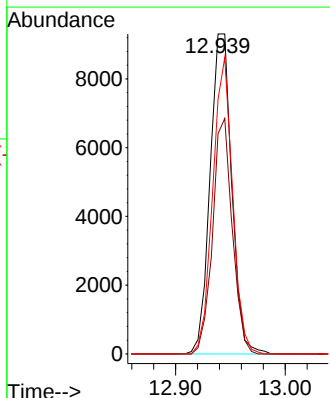
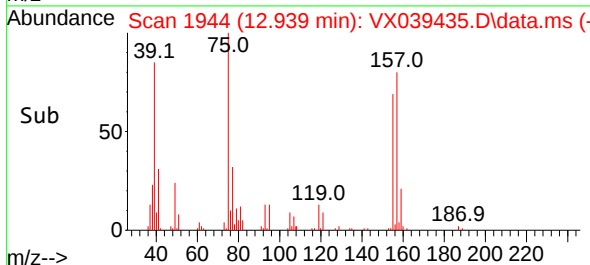
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

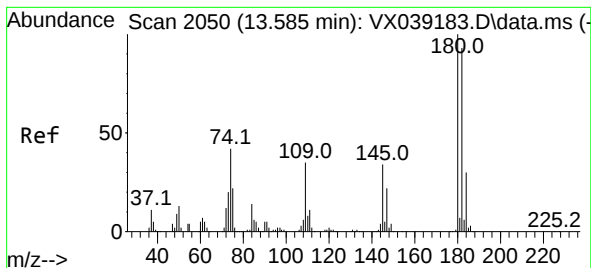


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.686 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039435.D
Acq: 22 Dec 2023 13:24



Tgt Ion: 75 Resp: 12784
Ion Ratio Lower Upper
75 100
155 66.9 36.1 108.5
157 84.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.457 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

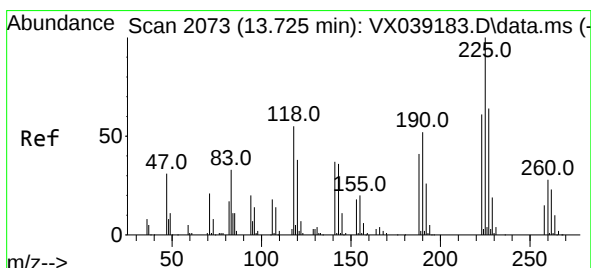
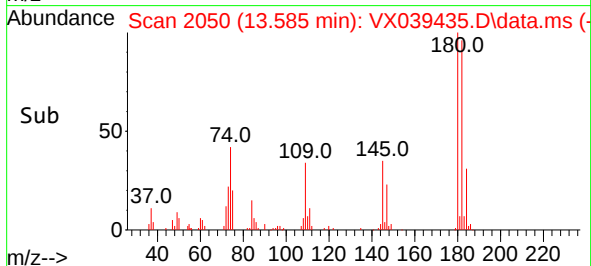
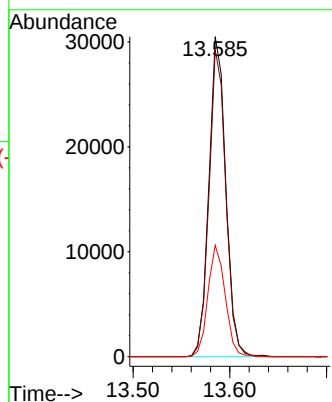
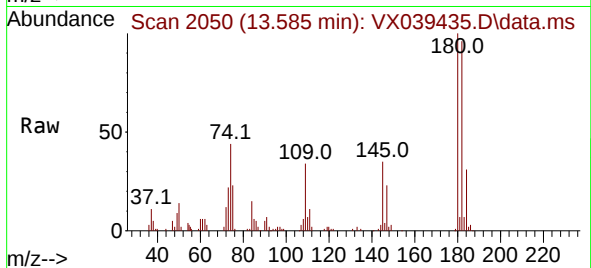
Tgt Ion:180	Resp:	37062
Ion Ratio	Lower	Upper
180	100	
182	95.6	48.3 144.8
145	35.7	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#94

Hexachlorobutadiene

Concen: 17.584 ug/l

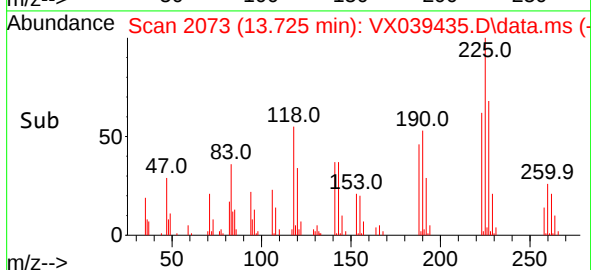
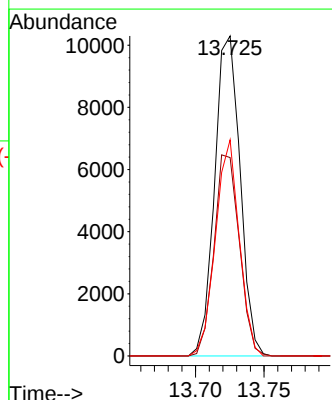
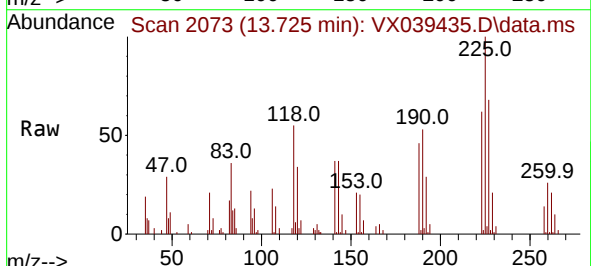
RT: 13.725 min Scan# 2073

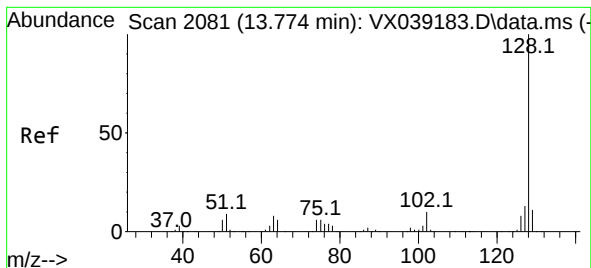
Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Tgt Ion:225	Resp:	13306
Ion Ratio	Lower	Upper
225	100	
223	62.5	31.1 93.2
227	63.0	32.5 97.5





#95

Naphthalene

Concen: 19.121 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1222WBSD01

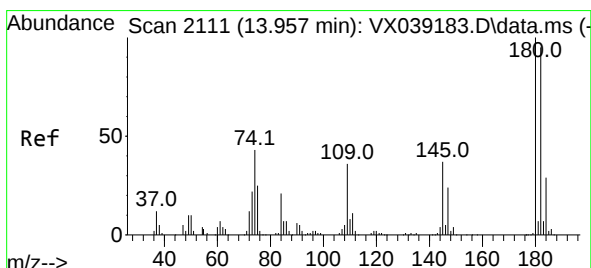
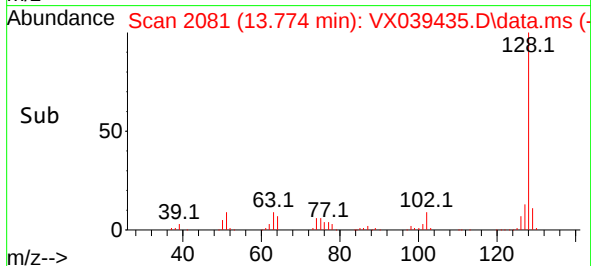
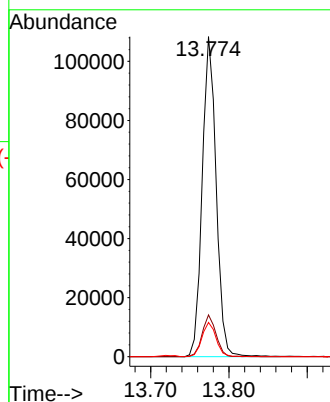
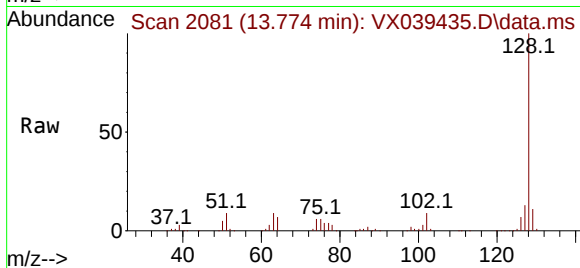
Tgt Ion:128 Resp: 133709
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.085 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039435.D

Acq: 22 Dec 2023 13:24

Tgt Ion:180 Resp: 36995
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.9 140.6
 145 37.1 17.8 53.5

