

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039431.D
 Acq On : 22 Dec 2023 11:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 23 06:21:07 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	117119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	200888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103381	48.184	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.360%		
35) Dibromofluoromethane	5.379	113	75352	50.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.520%		
50) Toluene-d8	8.647	98	287338	52.140	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.280%		
62) 4-Bromofluorobenzene	11.079	95	114353	50.292	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	84421	51.297	ug/l	98
3) Chloromethane	1.294	50	95107	52.128	ug/l	100
4) Vinyl Chloride	1.374	62	90113	53.107	ug/l	99
5) Bromomethane	1.599	94	54054	55.371	ug/l	96
6) Chloroethane	1.685	64	51676	50.536	ug/l	100
7) Trichlorofluoromethane	1.886	101	125766	50.617	ug/l	99
8) Diethyl Ether	2.130	74	45200	52.562	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	78572	51.821	ug/l	96
10) Methyl Iodide	2.453	142	73411	46.842	ug/l	95
11) Tert butyl alcohol	2.953	59	112976	209.689	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	75508	50.135	ug/l	97
13) Acrolein	2.233	56	159092	370.137	ug/l	100
14) Allyl chloride	2.660	41	146677	48.075	ug/l	97
15) Acrylonitrile	3.056	53	261591	242.566	ug/l	99
16) Acetone	2.373	43	351241	286.038	ug/l	93
17) Carbon Disulfide	2.514	76	211944	48.088	ug/l	98
18) Methyl Acetate	2.697	43	221901	47.817	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	262923	48.270	ug/l	98
20) Methylene Chloride	2.788	84	87569	48.961	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	81018	49.436	ug/l	96
22) Diisopropyl ether	3.751	45	282110	50.796	ug/l	98
23) Vinyl Acetate	3.715	43	1040578	251.672	ug/l	99
24) 1,1-Dichloroethane	3.605	63	154408	49.183	ug/l	99
25) 2-Butanone	4.544	43	404989	218.743	ug/l	99
26) 2,2-Dichloropropane	4.471	77	128428	46.857	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	91103	50.364	ug/l	97
28) Bromochloromethane	4.891	49	81598	53.268	ug/l	91
29) Tetrahydrofuran	4.995	42	247772	242.332	ug/l	99
30) Chloroform	5.086	83	153566	48.947	ug/l	99
31) Cyclohexane	5.464	56	139733	50.423	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	132643	48.701	ug/l	98
36) 1,1-Dichloropropene	5.684	75	115802	49.436	ug/l	100
37) Ethyl Acetate	4.702	43	139251	48.117	ug/l	99
38) Carbon Tetrachloride	5.672	117	107655	48.158	ug/l	96
39) Methylcyclohexane	7.379	83	141559	50.310	ug/l	99
40) Benzene	6.031	78	334670	50.507	ug/l	100

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Reviewed By :John Carlone 12/27/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	74651	48.346	ug/l	96
42) 1,2-Dichloroethane	6.080	62	130469	48.642	ug/l	100
43) Isopropyl Acetate	6.330	43	226196	48.065	ug/l	99
44) Trichloroethene	7.123	130	83120	49.710	ug/l	94
45) 1,2-Dichloropropane	7.427	63	90820	51.070	ug/l	96
46) Dibromomethane	7.574	93	62558	50.042	ug/l	94
47) Bromodichloromethane	7.818	83	118993	49.783	ug/l	98
48) Methyl methacrylate	7.690	41	136823	49.732	ug/l	96
49) 1,4-Dioxane	7.653	88	37539	1012.235	ug/l #	100
51) 4-Methyl-2-Pentanone	8.567	43	743820	248.070	ug/l	99
52) Toluene	8.714	92	204692	51.181	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	130923	49.752	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	141596	50.008	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	83598	50.069	ug/l	94
56) Ethyl methacrylate	9.110	69	105407	51.715	ug/l	97
57) 1,3-Dichloropropane	9.305	76	146083	50.610	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	316092	264.106	ug/l	94
59) 2-Hexanone	9.427	43	617693	238.698	ug/l	99
60) Dibromochloromethane	9.518	129	84839	50.243	ug/l	99
61) 1,2-Dibromoethane	9.610	107	91386	51.272	ug/l	97
64) Tetrachloroethene	9.269	164	63243	48.177	ug/l	94
65) Chlorobenzene	10.079	112	214100	48.828	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	75350	48.650	ug/l	97
67) Ethyl Benzene	10.189	91	410149	50.251	ug/l	96
68) m/p-Xylenes	10.299	106	295980	101.140	ug/l	93
69) o-Xylene	10.640	106	141800	50.115	ug/l	93
70) Styrene	10.652	104	214107	51.760	ug/l	96
71) Bromoform	10.799	173	56343	48.941	ug/l #	99
73) Isopropylbenzene	10.957	105	387781	50.127	ug/l	100
74) N-amyl acetate	10.841	43	199324	50.925	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	143540	49.878	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	124486m	47.989	ug/l	
77) Bromobenzene	11.195	156	85085	49.738	ug/l	90
78) n-propylbenzene	11.305	91	489736	51.381	ug/l	97
79) 2-Chlorotoluene	11.360	91	284785	49.396	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	337667	51.238	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	42695	46.430	ug/l	97
82) 4-Chlorotoluene	11.451	91	338636	50.008	ug/l	98
83) tert-Butylbenzene	11.713	119	314303	50.113	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	342050	50.612	ug/l	99
85) sec-Butylbenzene	11.890	105	406175	50.893	ug/l	98
86) p-Isopropyltoluene	12.006	119	343868	51.340	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	166068	49.413	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	167664	47.914	ug/l	98
89) n-Butylbenzene	12.329	91	349044	53.012	ug/l	96
90) Hexachloroethane	12.536	117	59581	49.245	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	159208	49.510	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36279	47.862	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	105509	50.108	ug/l	98
94) Hexachlorobutadiene	13.725	225	38816	48.917	ug/l	99
95) Naphthalene	13.774	128	374578	51.081	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	102124	50.240	ug/l	99

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MSVOA_X
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VSTDCCC050

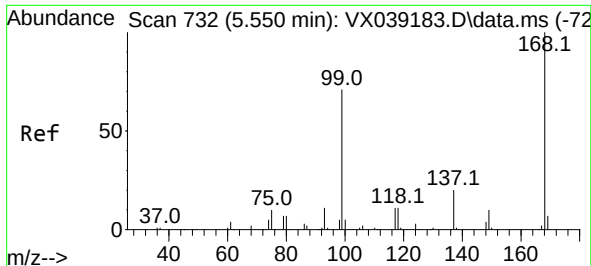
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/28/2023

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QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

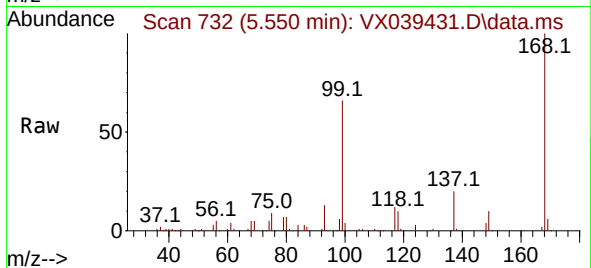
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

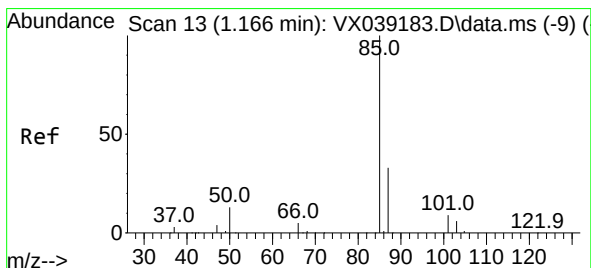
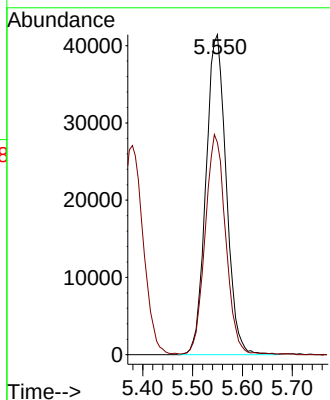
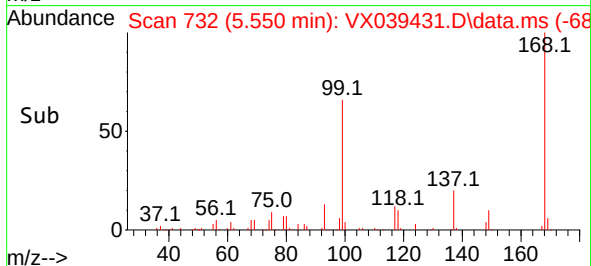
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 117119
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0

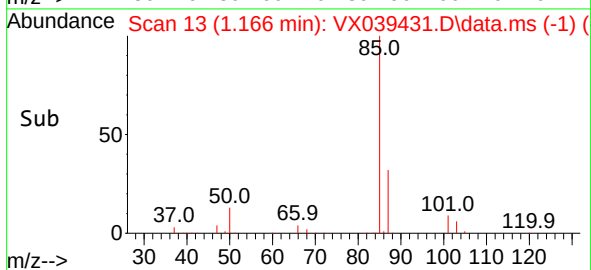
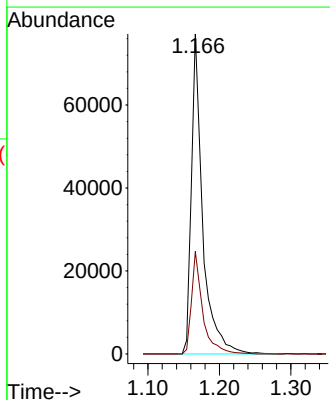
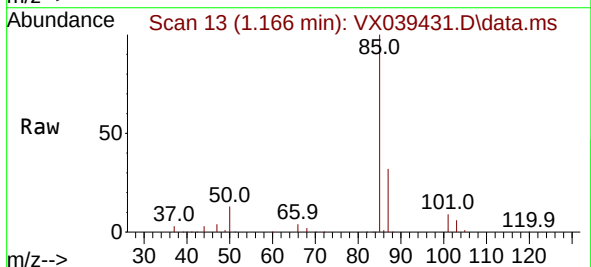
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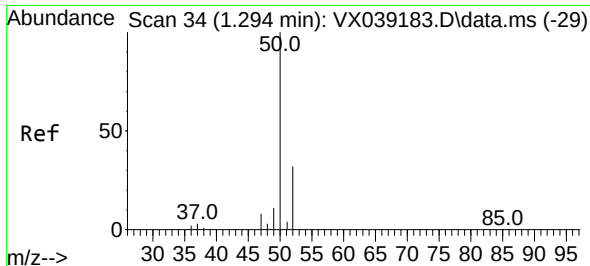
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#2
Dichlorodifluoromethane
Concen: 51.297 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

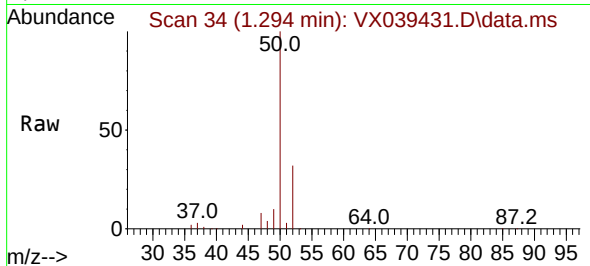
Tgt Ion: 85 Resp: 84421
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





#3
Chloromethane
Concen: 52.128 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

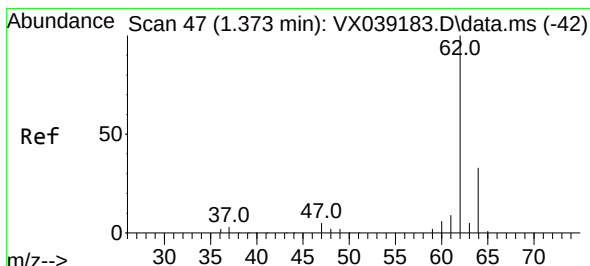
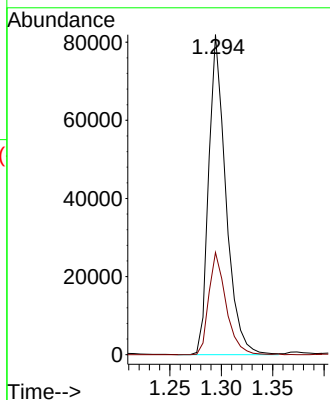
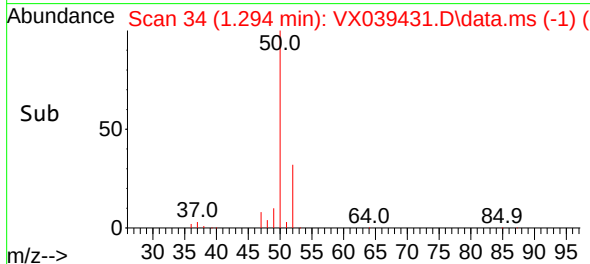
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VSTDCCC050



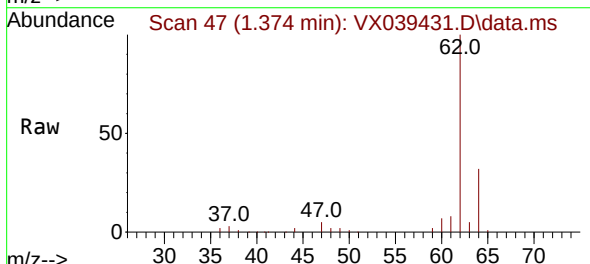
Tgt Ion: 50 Resp: 9510
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3

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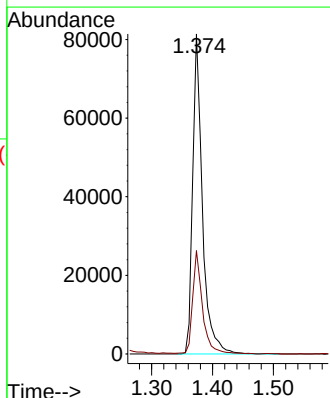
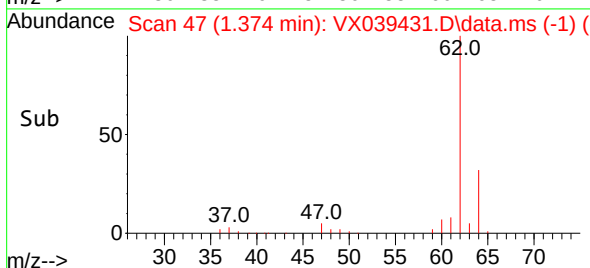
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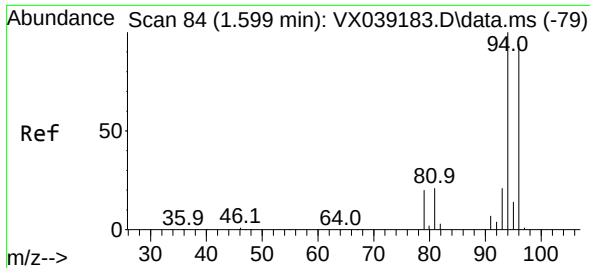


#4
Vinyl Chloride
Concen: 53.107 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43



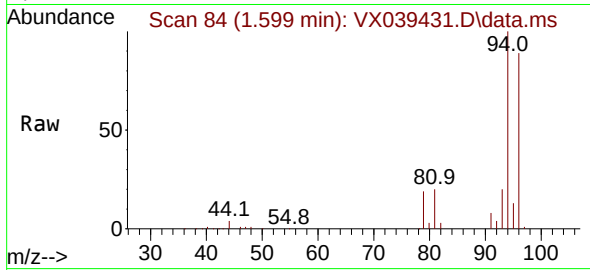
Tgt Ion: 62 Resp: 90113
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 55.371 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

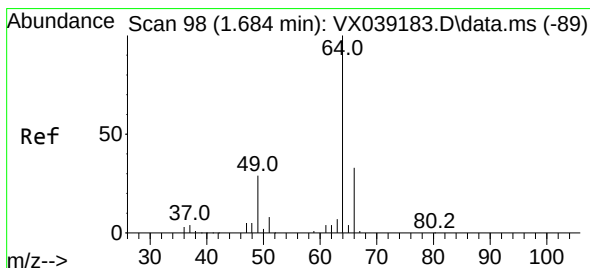
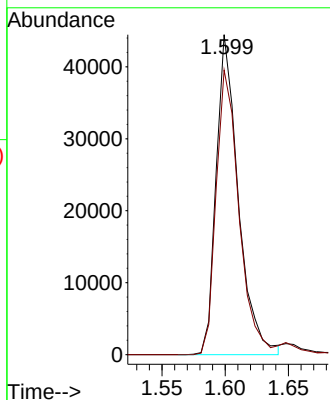
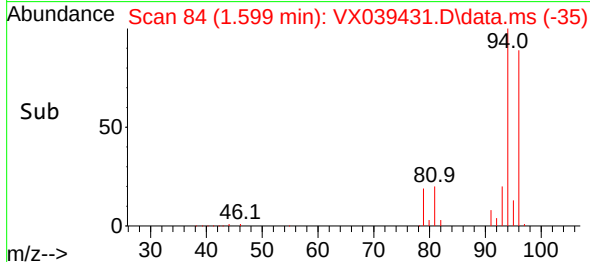
Instrument :
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Tgt Ion: 94 Resp: 54054
Ion Ratio Lower Upper
94 100
96 89.0 74.6 111.8

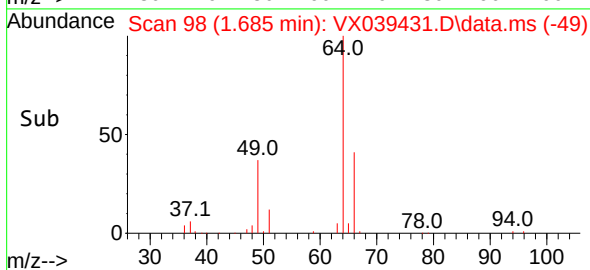
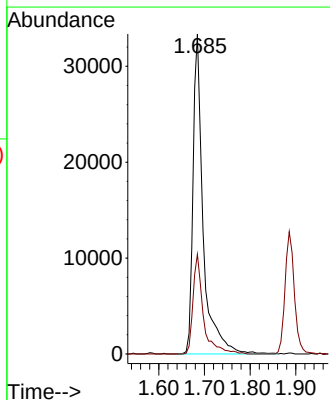
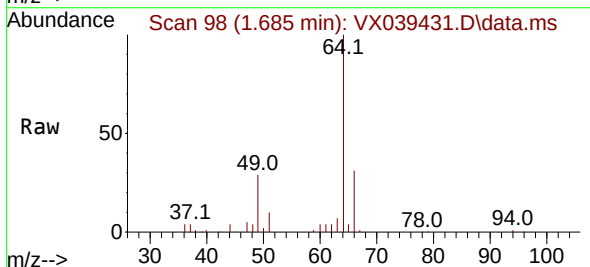
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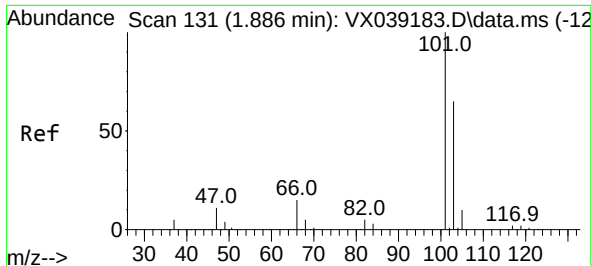
Reviewed By :John Carlone 12/27/2023
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#6
Chloroethane
Concen: 50.536 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

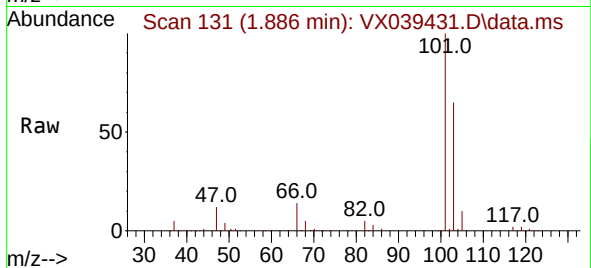
Tgt Ion: 64 Resp: 51676
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 50.617 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039431.D
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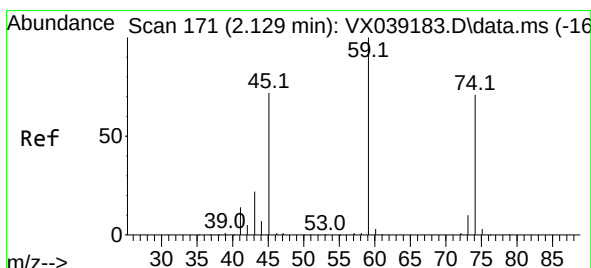
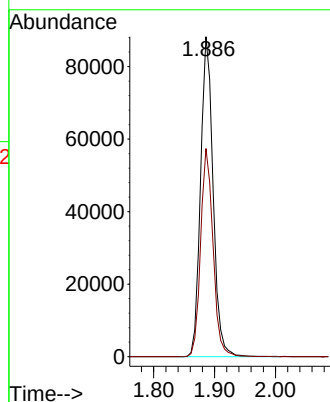
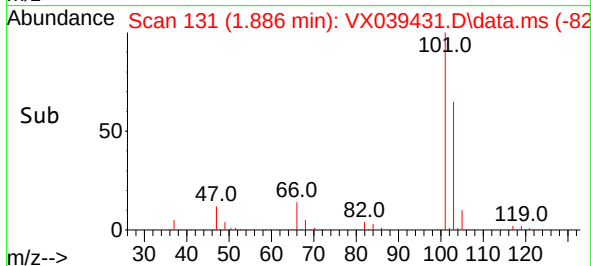
Instrument :
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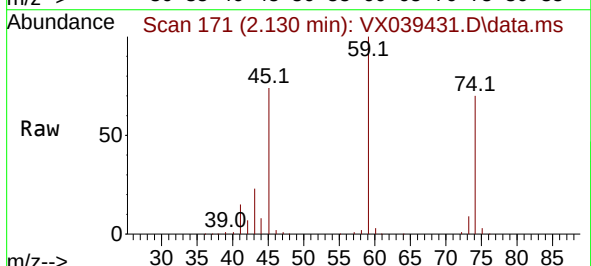
Tgt Ion:101 Resp: 125760
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

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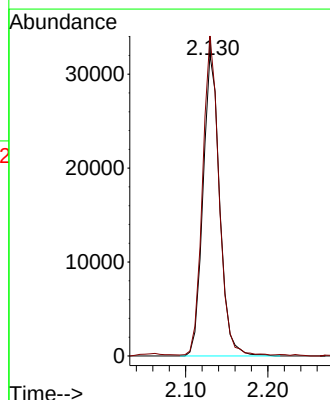
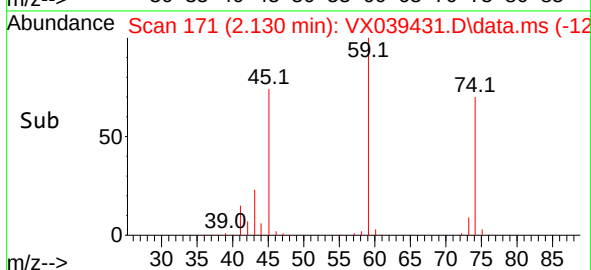
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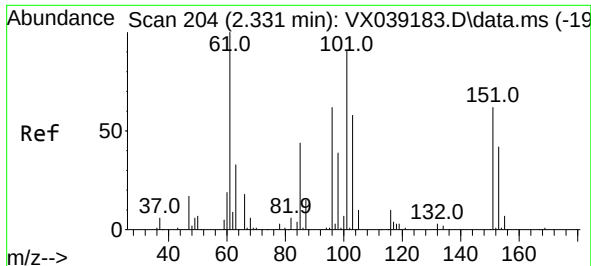


#8
Diethyl Ether
Concen: 52.562 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 45200
Ion Ratio Lower Upper
74 100
45 103.8 53.3 159.8





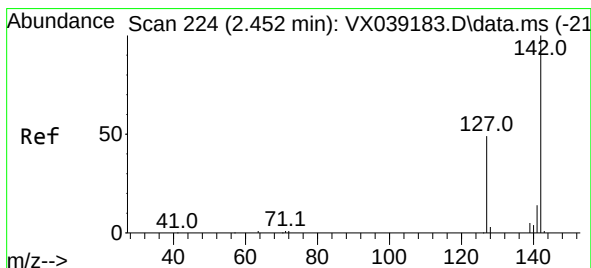
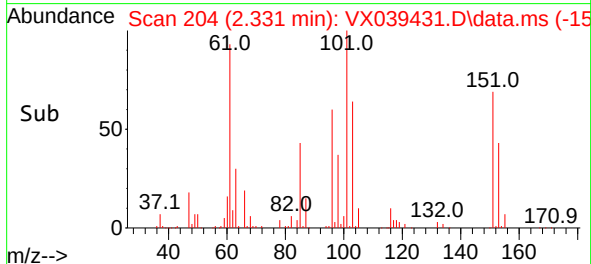
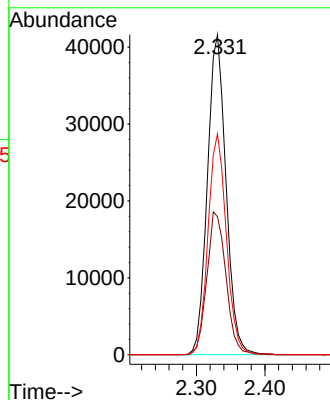
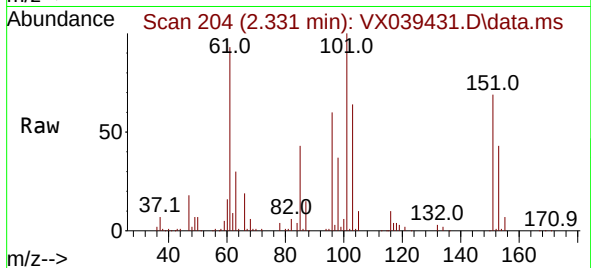
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.821 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

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Tgt Ion:101 Resp: 78572
Ion Ratio Lower Upper
101 100
85 45.7 37.0 55.6
151 68.0 58.6 87.8

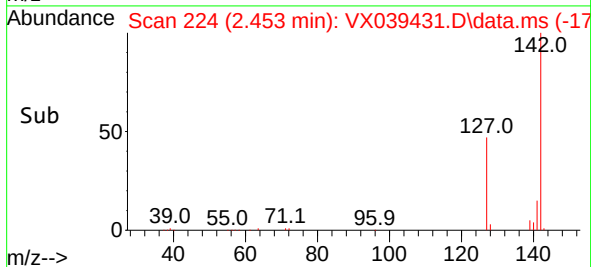
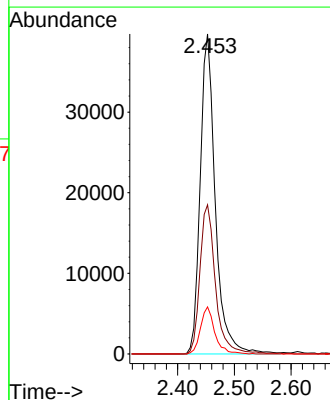
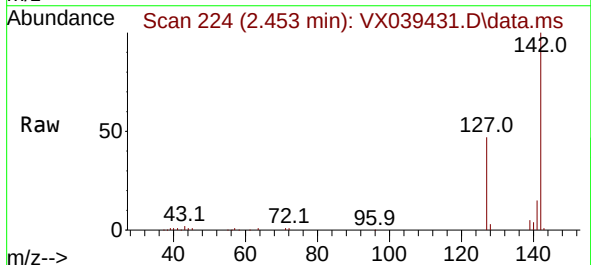
Manual Integrations
APPROVED

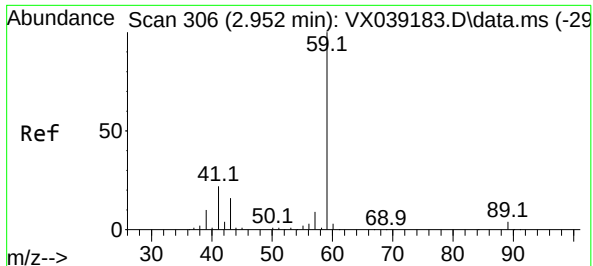
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#10
Methyl Iodide
Concen: 46.842 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Tgt Ion:142 Resp: 73411
Ion Ratio Lower Upper
142 100
127 48.0 41.6 62.4
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 209.689 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 112970

Ion Ratio Lower Upper

59 100

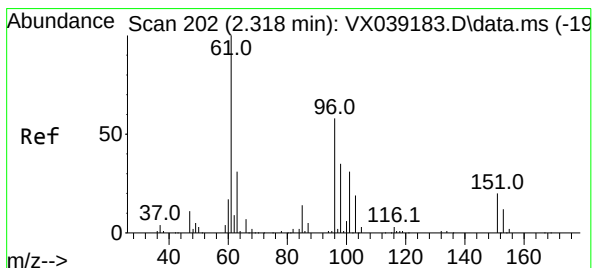
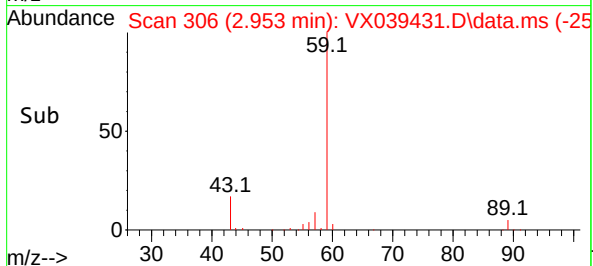
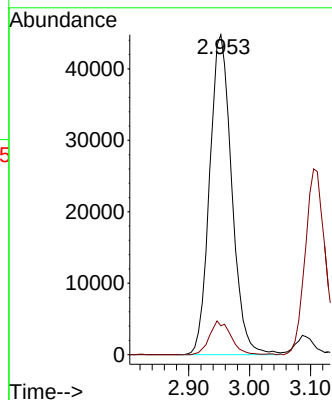
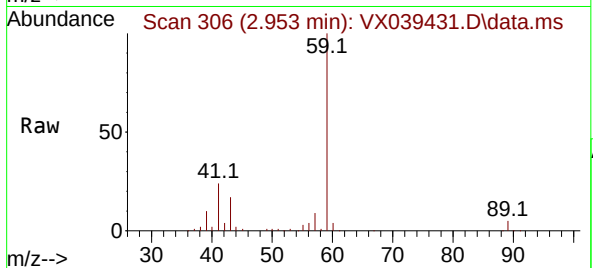
57 10.2 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#12

1,1-Dichloroethene

Concen: 50.135 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

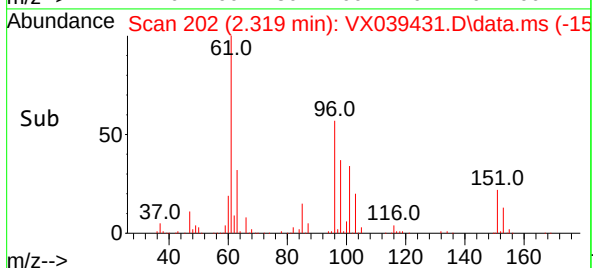
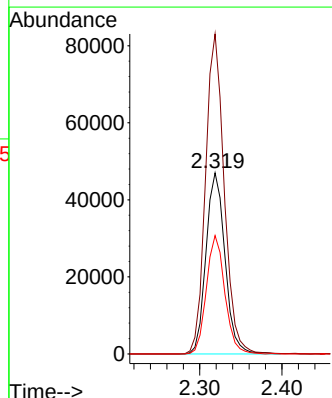
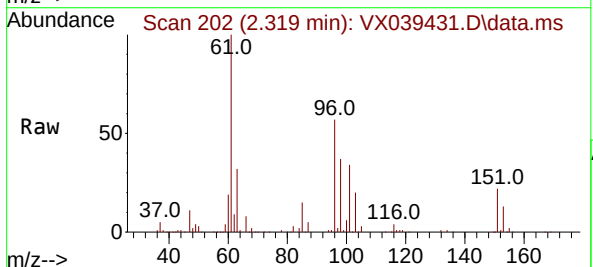
Tgt Ion: 96 Resp: 75508

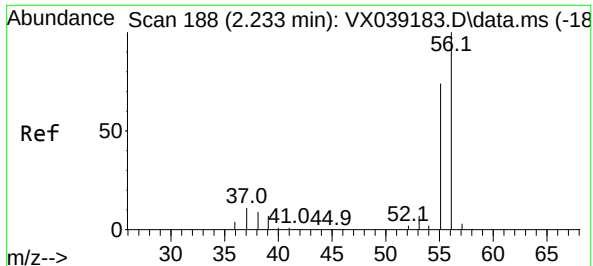
Ion Ratio Lower Upper

96 100

61 176.7 144.6 216.8

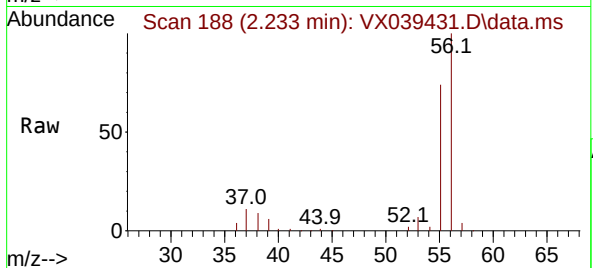
98 65.3 50.4 75.6





#13
Acrolein
Concen: 370.137 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

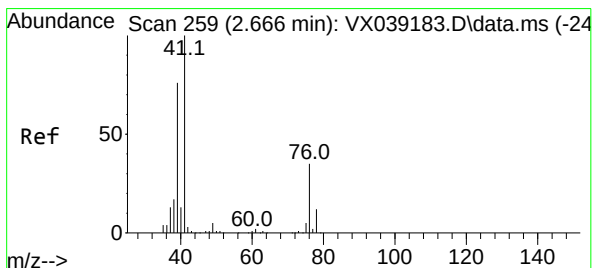
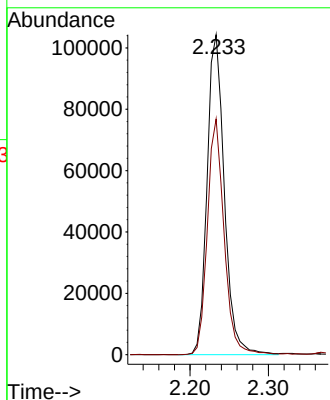
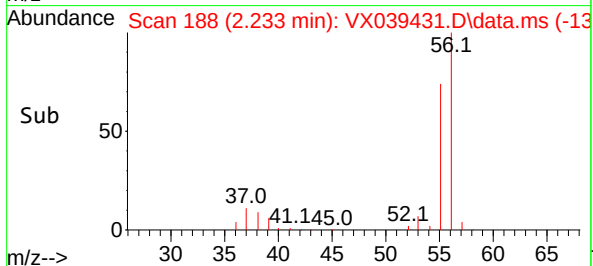
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 159092
Ion Ratio Lower Upper
56 100
55 71.6 57.1 85.7

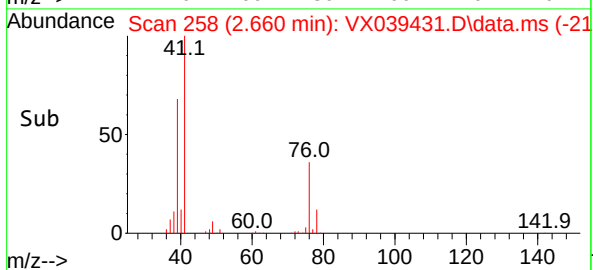
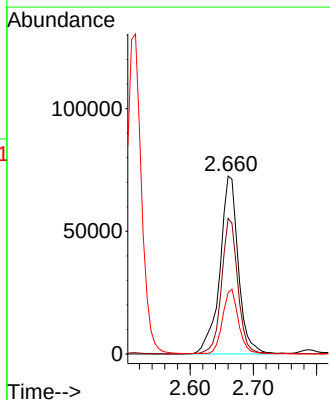
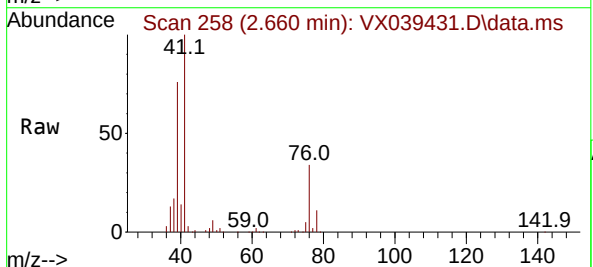
Manual Integrations
APPROVED

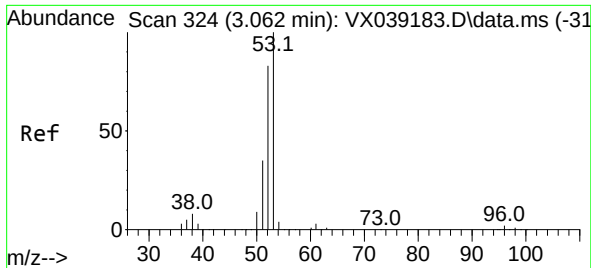
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#14
Allyl chloride
Concen: 48.075 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

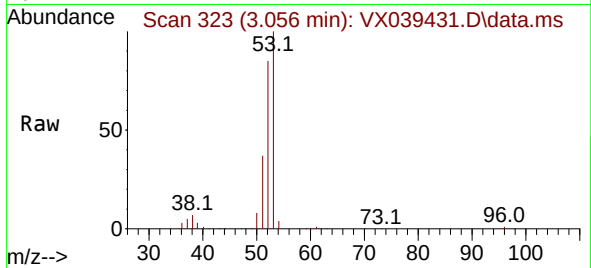
Tgt Ion: 41 Resp: 146677
Ion Ratio Lower Upper
41 100
39 67.3 55.8 83.6
76 31.4 24.3 36.5





#15
Acrylonitrile
Concen: 242.566 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

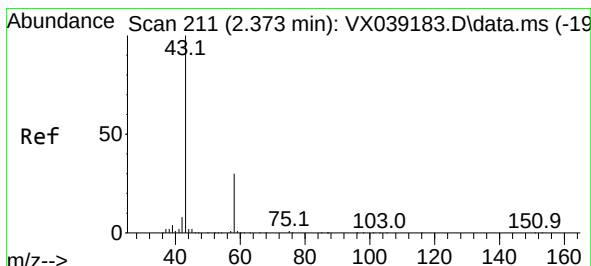
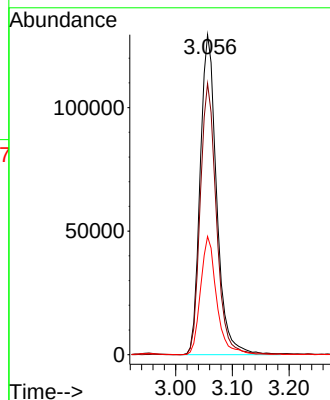
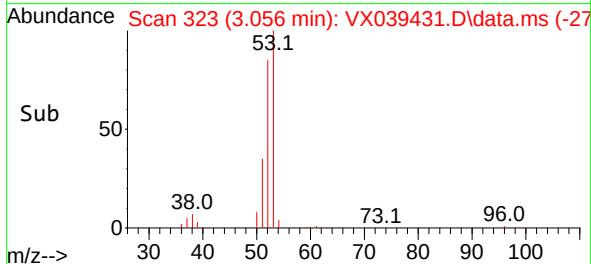
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 26159
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 36.1 29.8 44.6

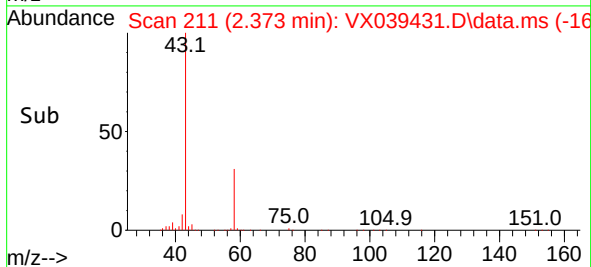
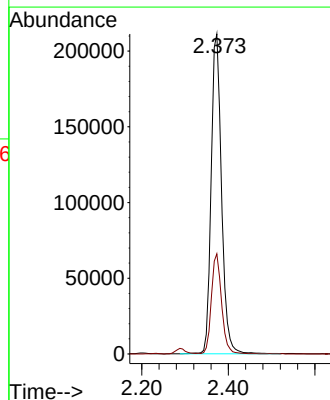
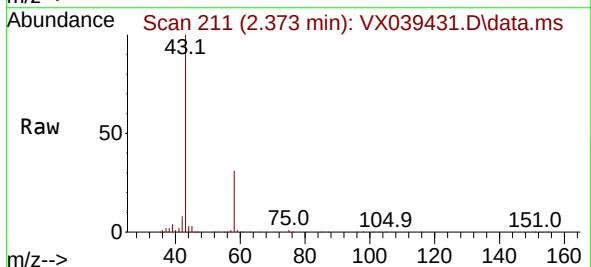
Manual Integrations
APPROVED

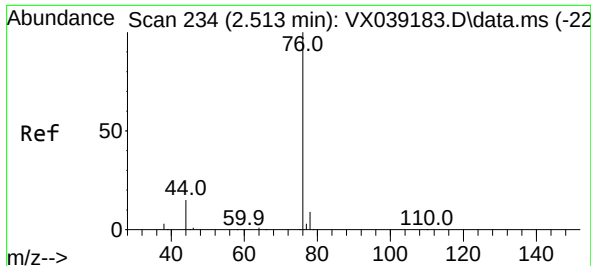
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#16
Acetone
Concen: 286.038 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Tgt Ion: 43 Resp: 351241
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9





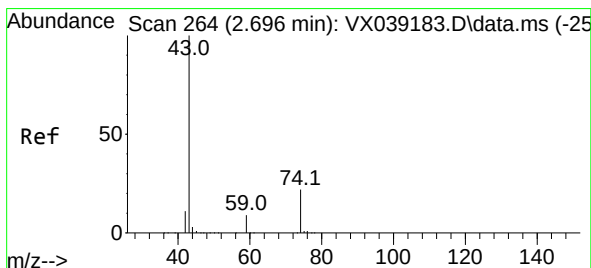
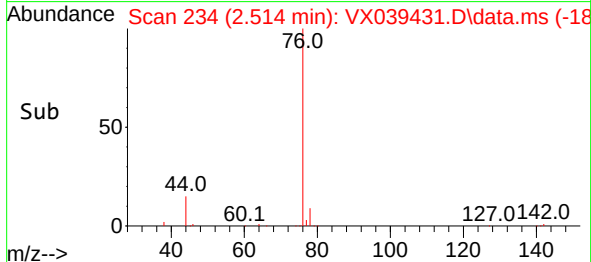
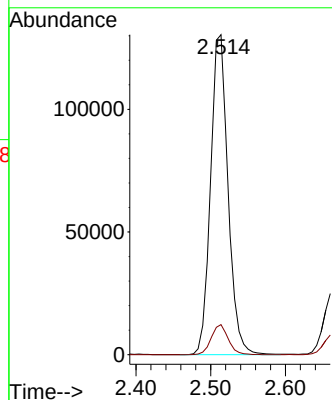
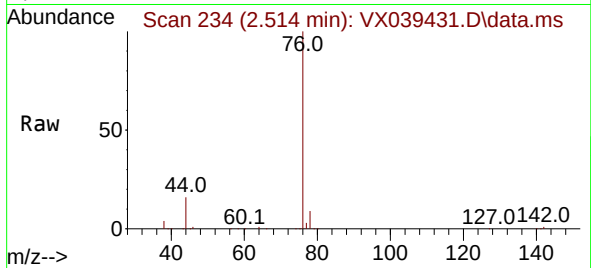
#17
Carbon Disulfide
Concen: 48.088 ug/l
RT: 2.514 min Scan# 211944
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 211944
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

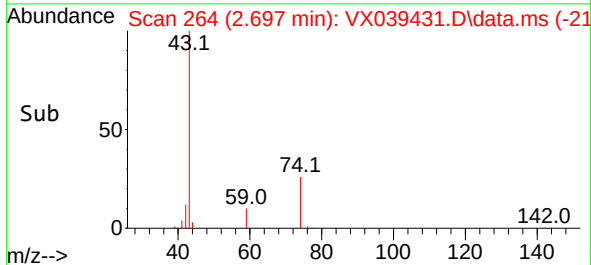
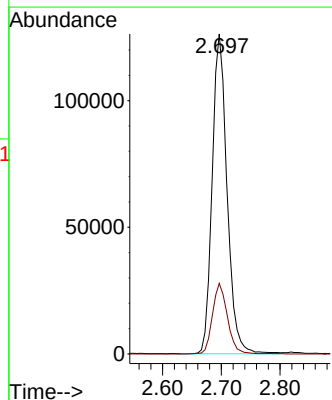
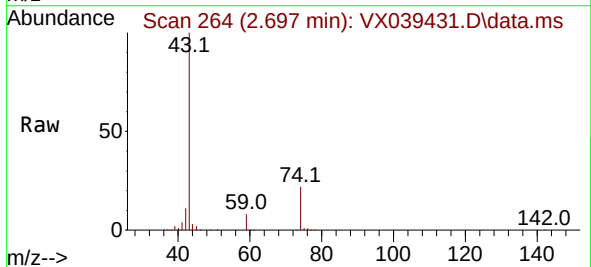
Manual Integrations
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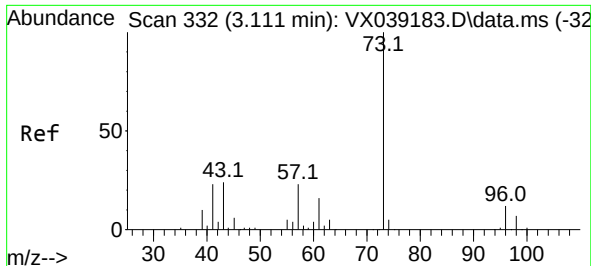
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#18
Methyl Acetate
Concen: 47.817 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Tgt Ion: 43 Resp: 221901
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.8





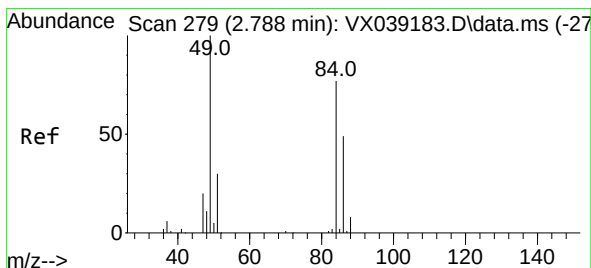
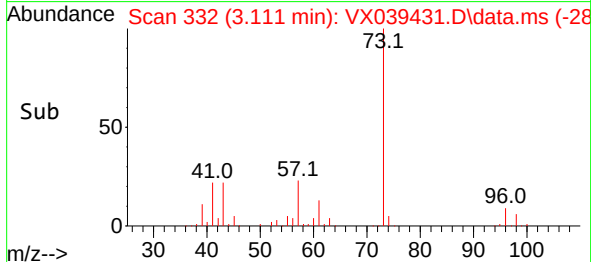
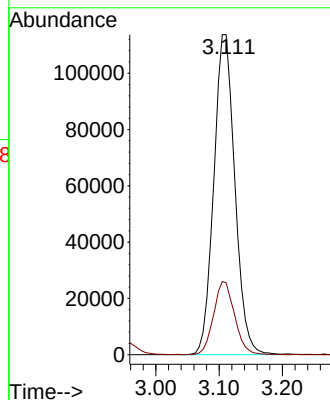
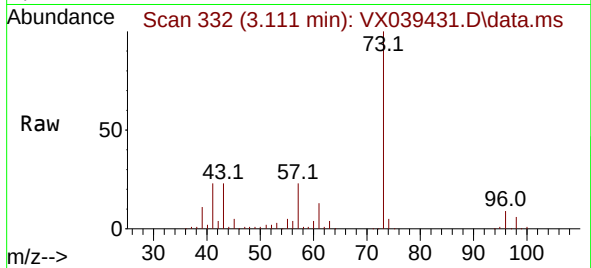
#19
Methyl tert-butyl Ether
Concen: 48.270 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 26292
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

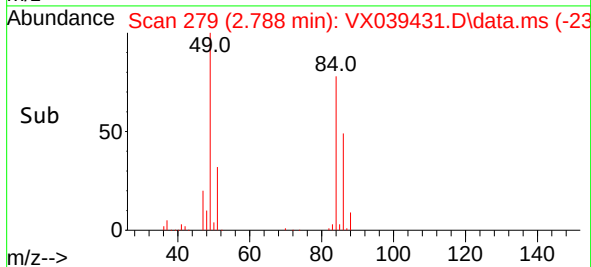
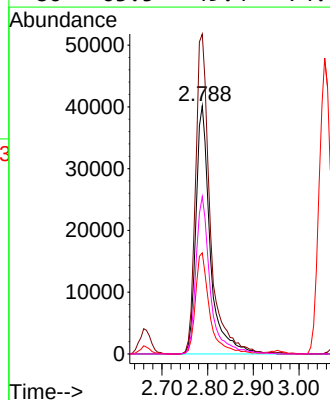
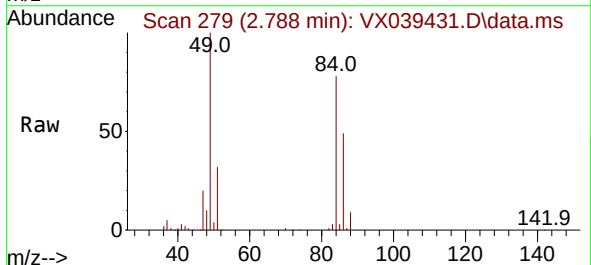
Manual Integrations
APPROVED

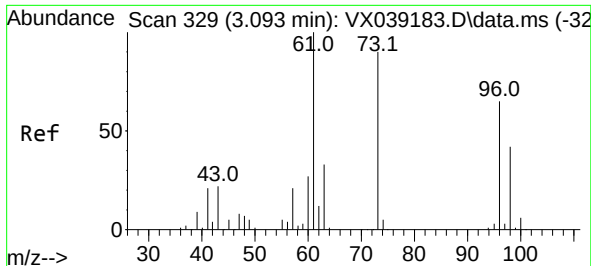
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#20
Methylene Chloride
Concen: 48.961 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

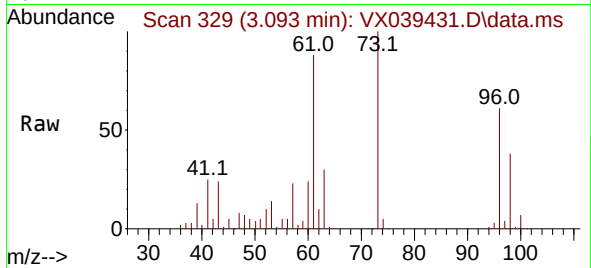
Tgt Ion: 84 Resp: 87569
Ion Ratio Lower Upper
84 100
49 129.0 103.6 155.4
51 40.7 33.8 50.6
86 63.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.436 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

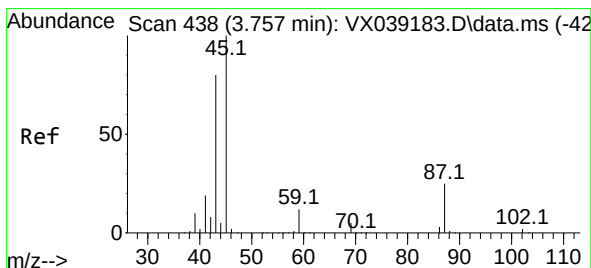
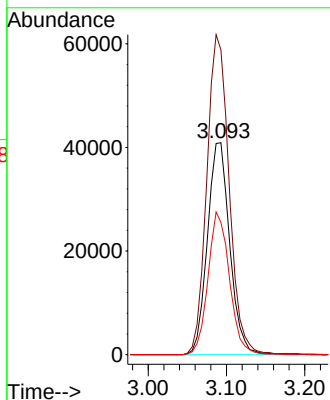
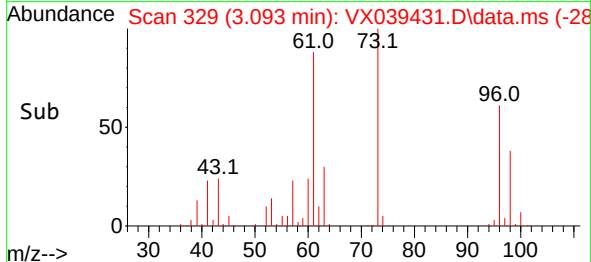
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



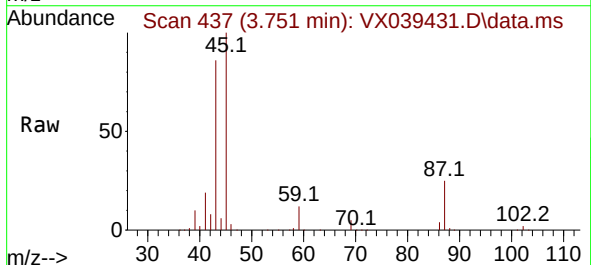
Tgt Ion: 96 Resp: 81018
Ion Ratio Lower Upper
96 100
61 143.8 119.2 178.8
98 62.4 48.7 73.1

Manual Integrations
APPROVED

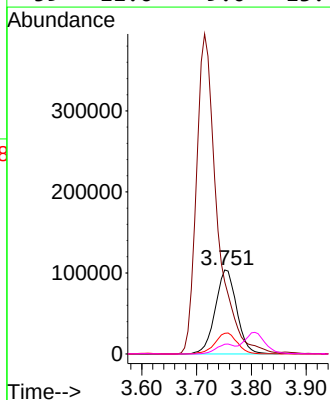
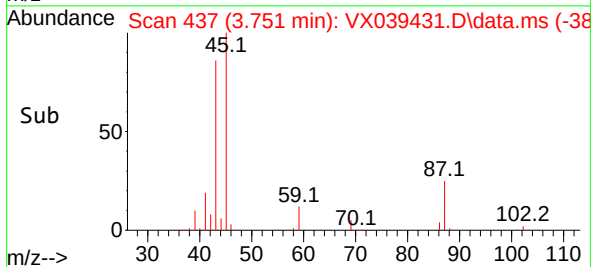
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

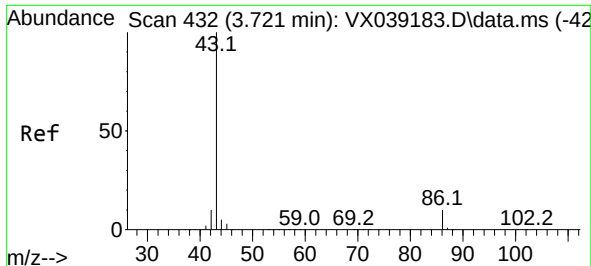


#22
Diisopropyl ether
Concen: 50.796 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43



Tgt Ion: 45 Resp: 282110
Ion Ratio Lower Upper
45 100
43 85.5 69.7 104.5
87 24.6 20.8 31.2
59 11.6 9.0 13.4





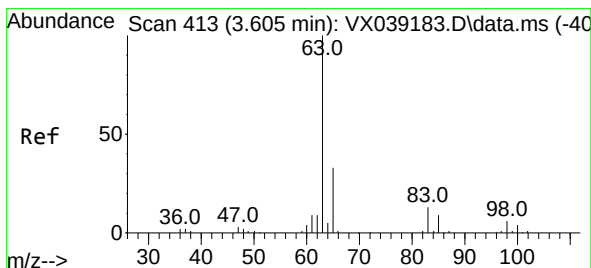
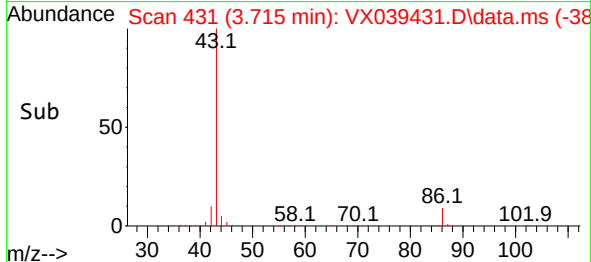
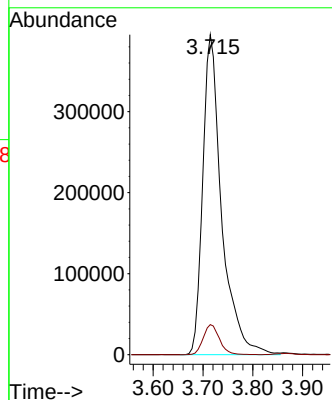
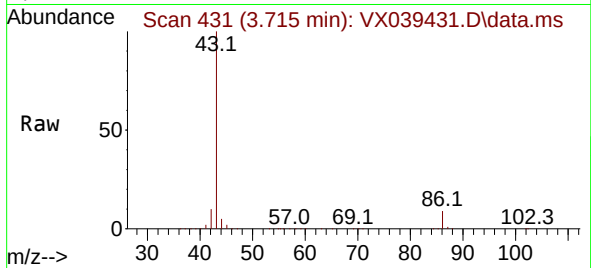
#23
 Vinyl Acetate
 Concen: 251.672 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039431.D
 Acq: 22 Dec 2023 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1040578
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8

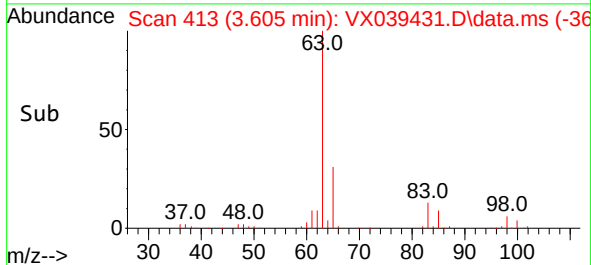
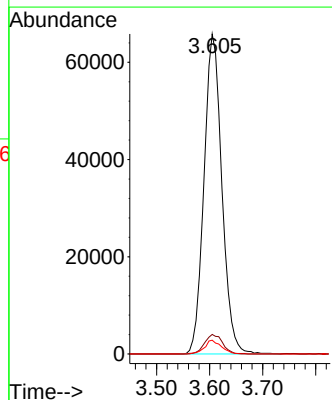
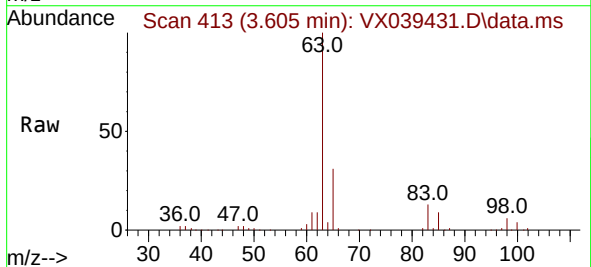
Manual Integrations
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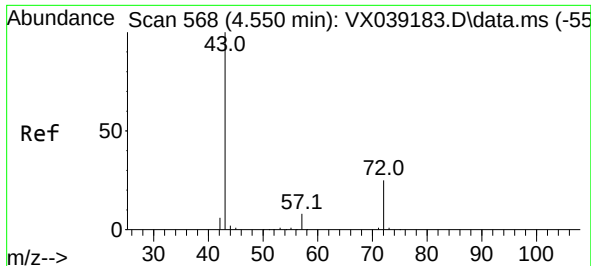
Reviewed By :John Carlone 12/27/2023
 Supervised By :Mahesh Dadoda 12/28/2023



#24
 1,1-Dichloroethane
 Concen: 49.183 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039431.D
 Acq: 22 Dec 2023 11:43

Tgt Ion: 63 Resp: 154408
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 4.3 2.1 6.5





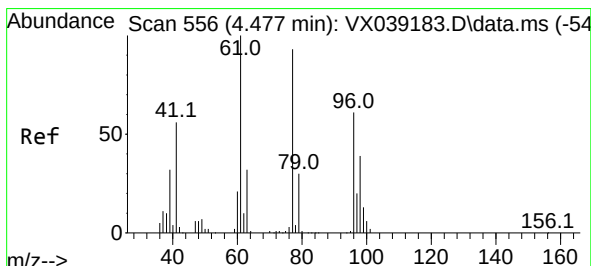
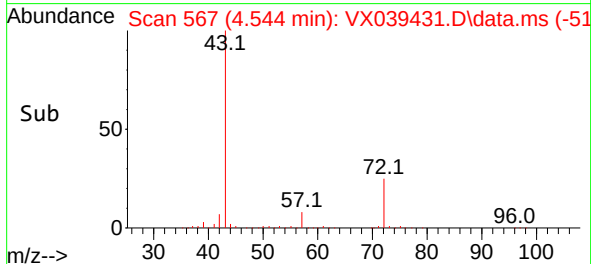
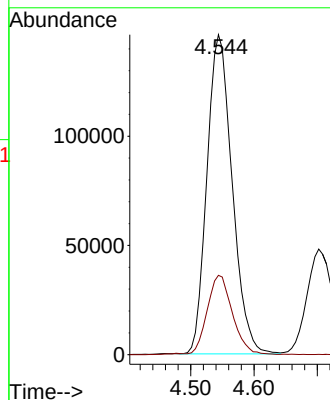
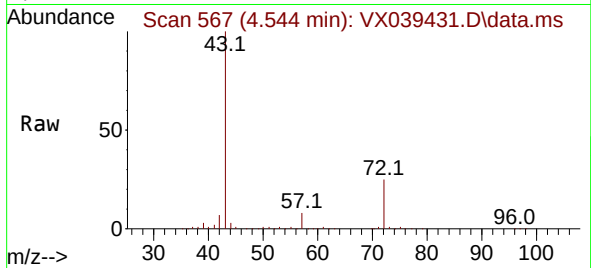
#25
2-Butanone
Concen: 218.743 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 404989
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2

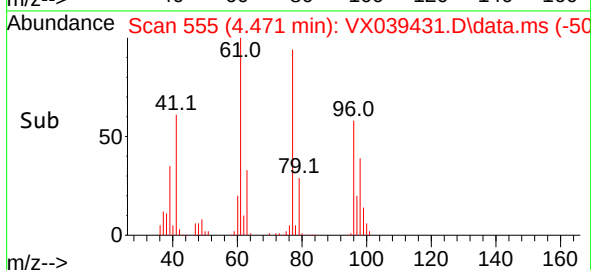
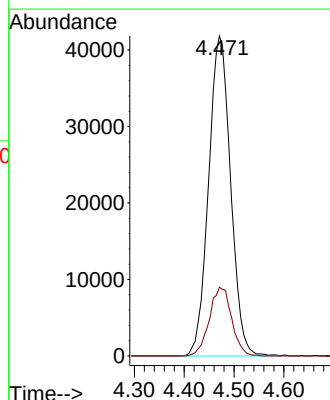
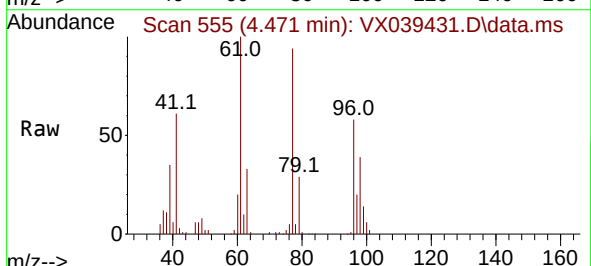
Manual Integrations
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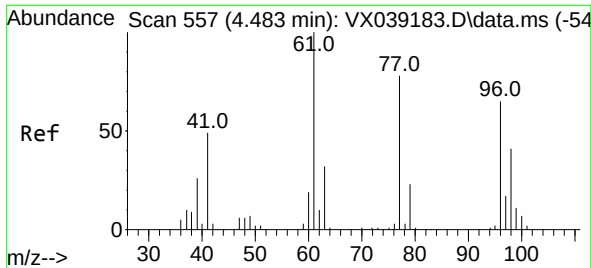
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#26
2,2-Dichloropropane
Concen: 46.857 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Tgt Ion: 77 Resp: 128428
Ion Ratio Lower Upper
77 100
97 21.7 10.8 32.3





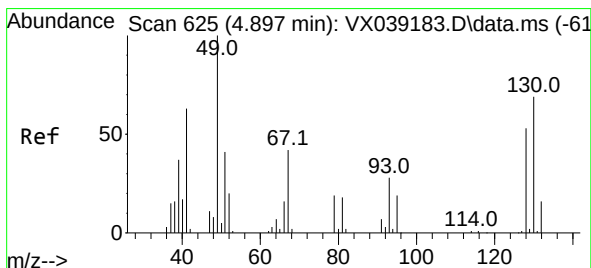
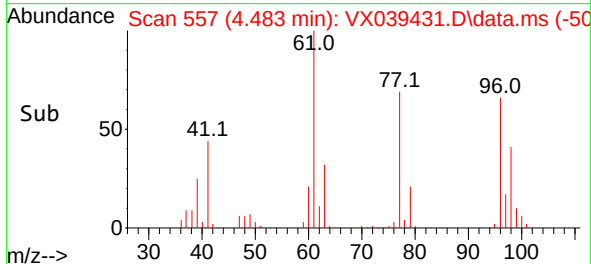
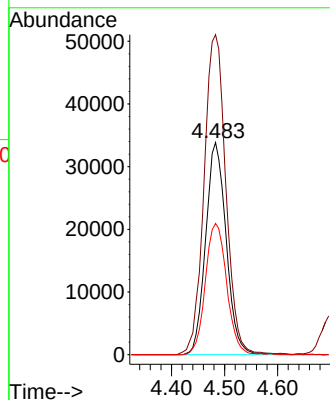
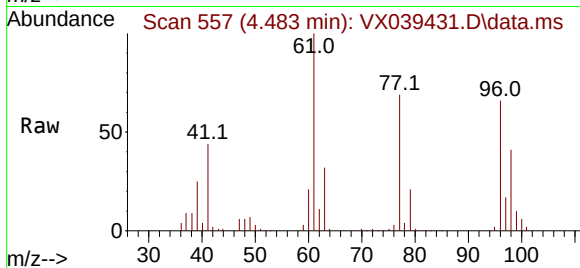
#27
 cis-1,2-Dichloroethene
 Concen: 50.364 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX039431.D
 Acq: 22 Dec 2023 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 9110
 Ion Ratio Lower Upper
 96 100
 61 160.4 0.0 312.2
 98 64.0 0.0 129.0

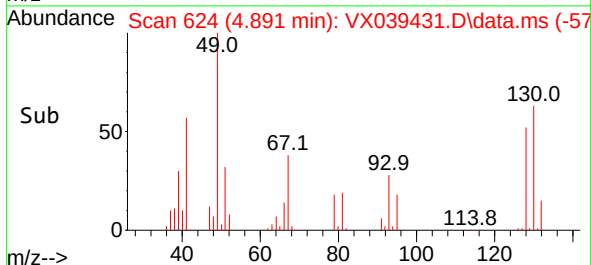
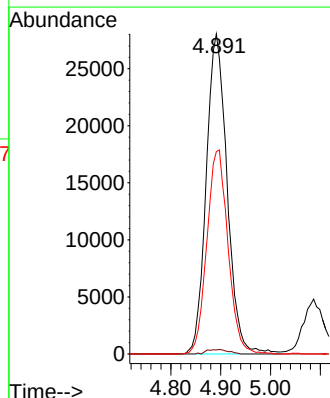
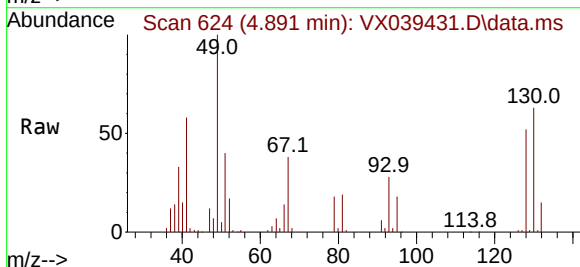
Manual Integrations
 APPROVED

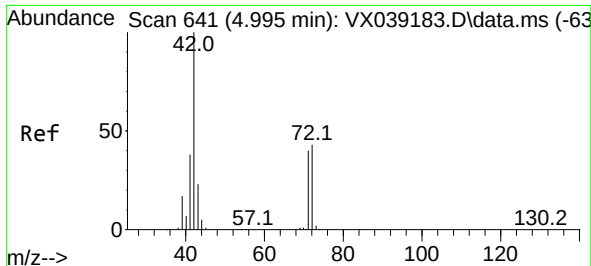
Reviewed By :John Carlone 12/27/2023
 Supervised By :Mahesh Dadoda 12/28/2023



#28
 Bromochloromethane
 Concen: 53.268 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX039431.D
 Acq: 22 Dec 2023 11:43

Tgt Ion: 49 Resp: 81598
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 64.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 242.332 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 247772

Ion Ratio Lower Upper

42 100

72 42.3 34.2 51.4

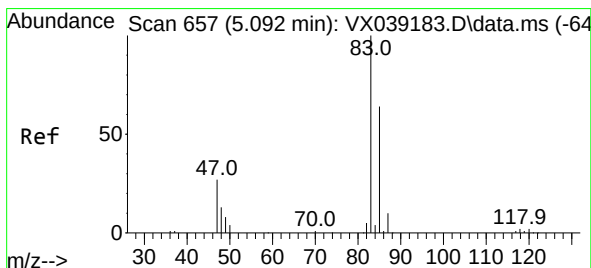
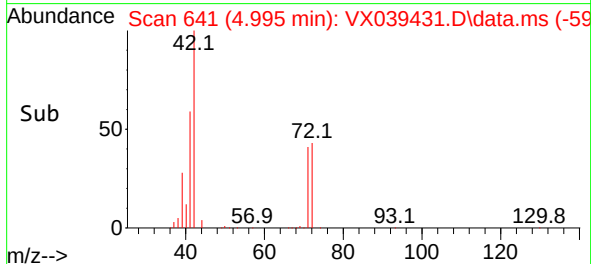
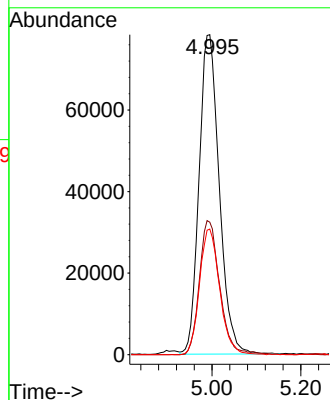
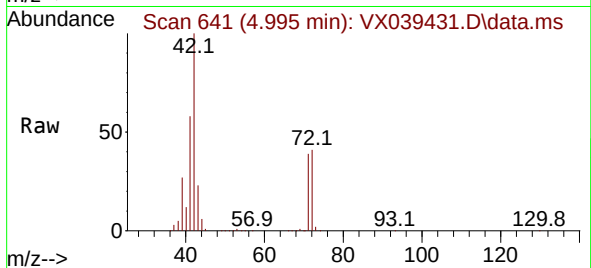
71 39.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#30

Chloroform

Concen: 48.947 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039431.D

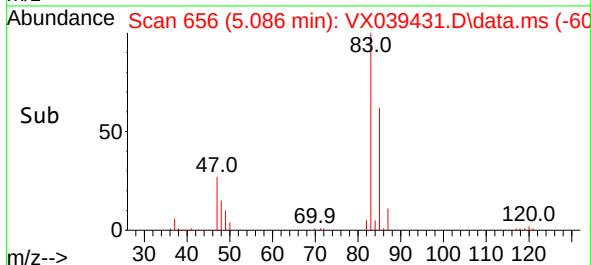
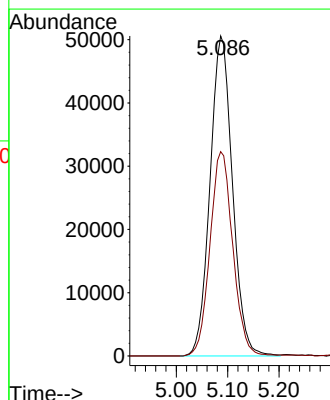
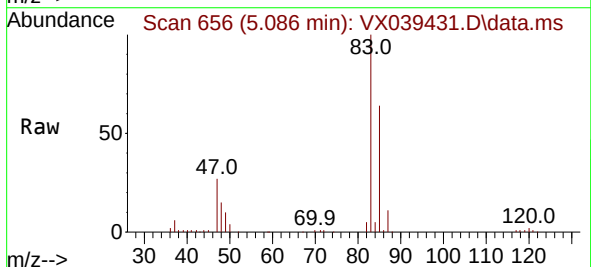
Acq: 22 Dec 2023 11:43

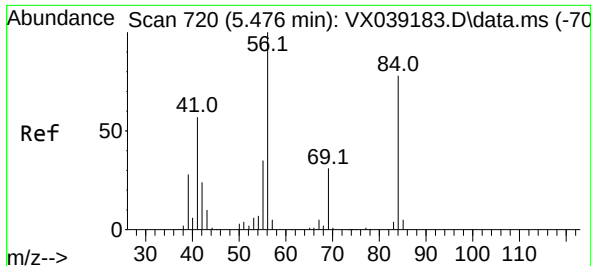
Tgt Ion: 83 Resp: 153566

Ion Ratio Lower Upper

83 100

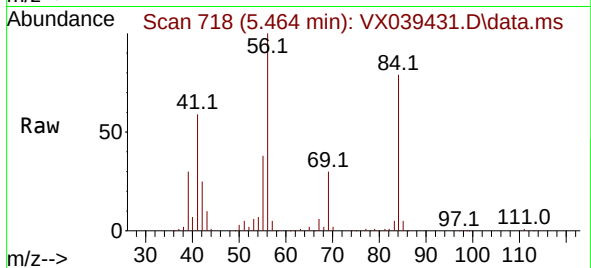
85 63.9 50.3 75.5





#31
Cyclohexane
Concen: 50.423 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

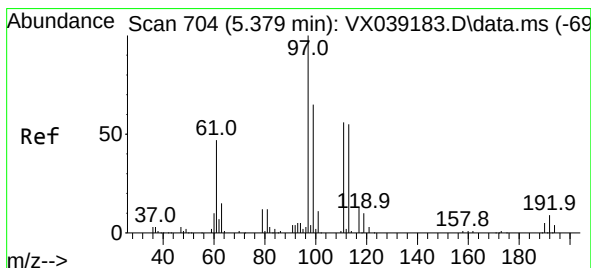
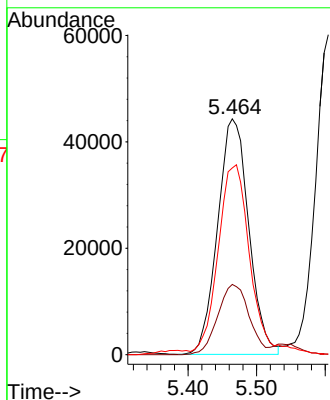
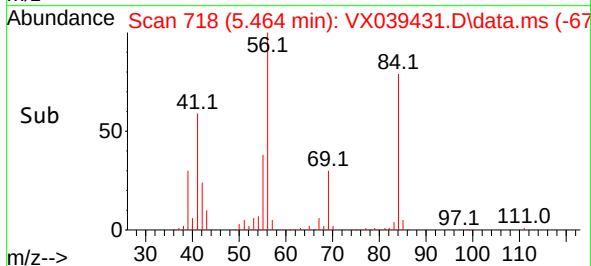
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 13973
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 77.5 65.9 98.9

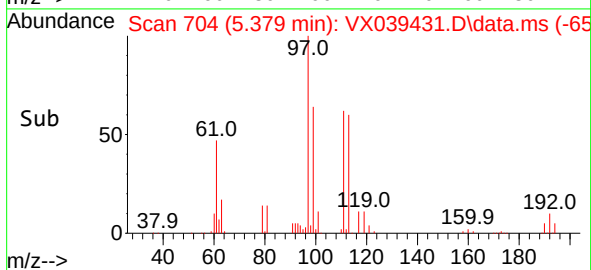
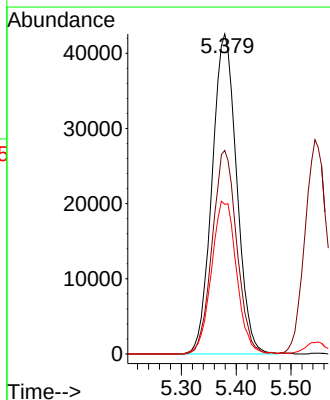
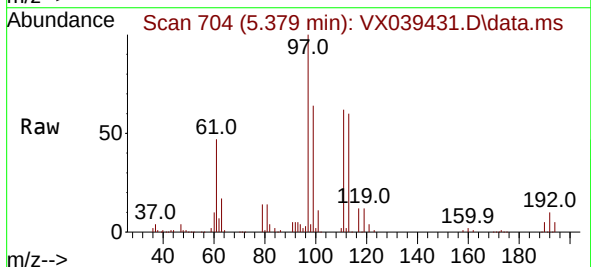
Manual Integrations
APPROVED

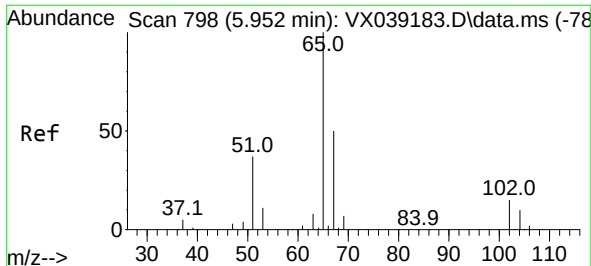
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#32
1,1,1-Trichloroethane
Concen: 48.701 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Tgt Ion: 97 Resp: 132643
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 48.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.184 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 10338

Ion Ratio Lower Upper

65 100

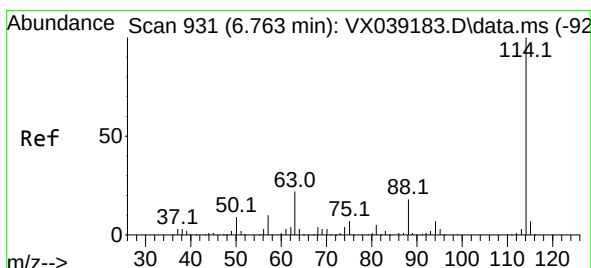
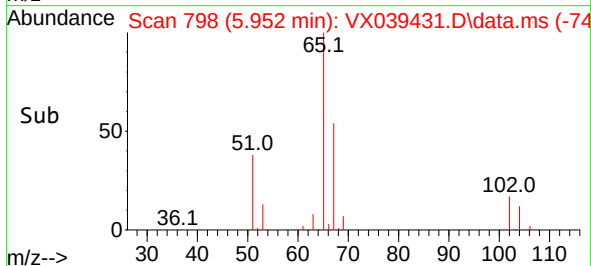
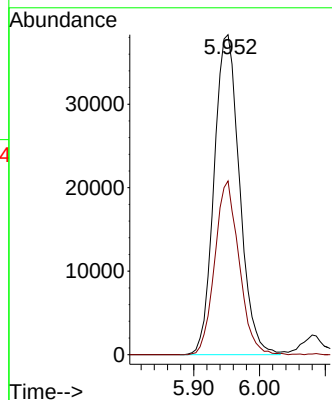
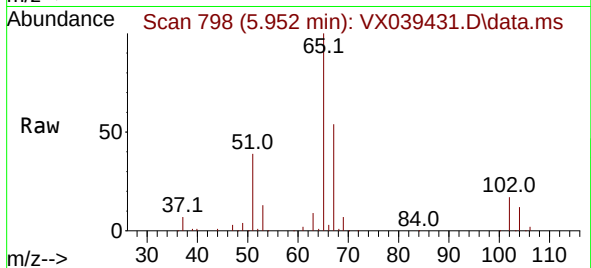
67 51.8 0.0 100.2

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: VX039431.D

Acq: 22 Dec 2023 11:43

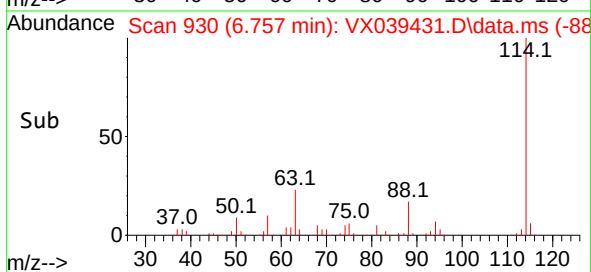
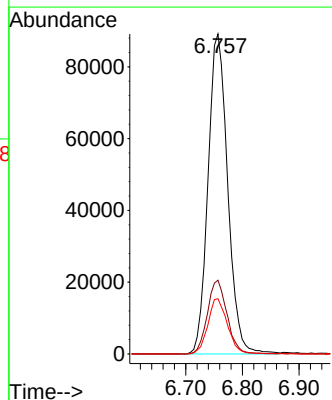
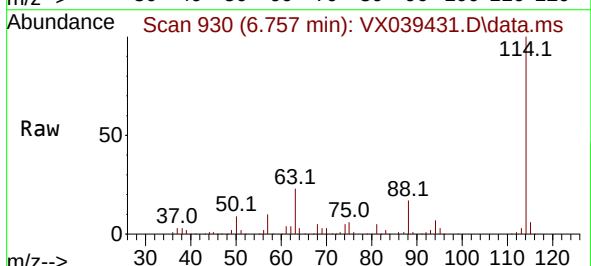
Tgt Ion:114 Resp: 214868

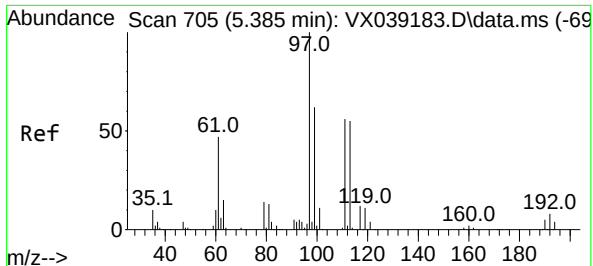
Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.0

88 17.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.762 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

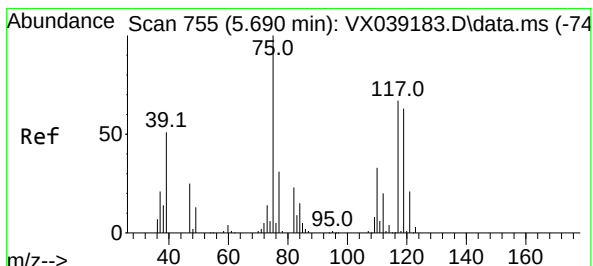
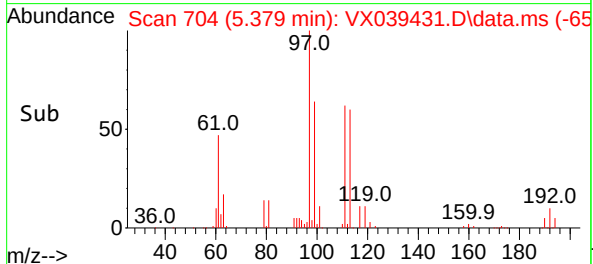
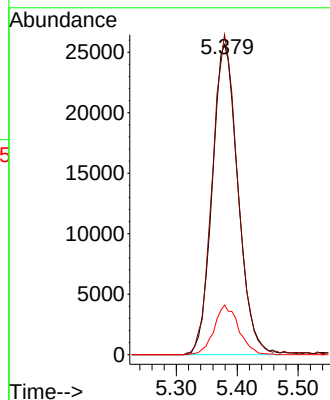
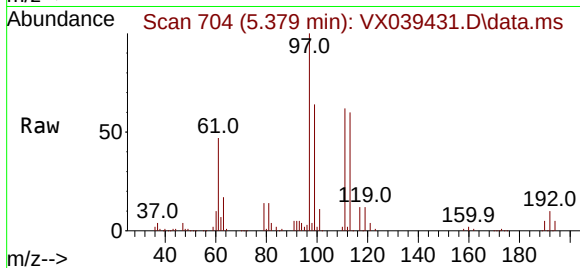
Tgt Ion:	113	Resp:	75352
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.9	124.3
192	15.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#36

1,1-Dichloropropene

Concen: 49.436 ug/l

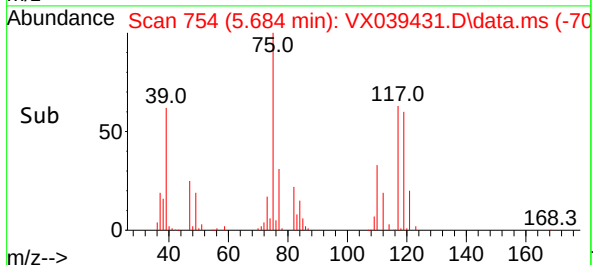
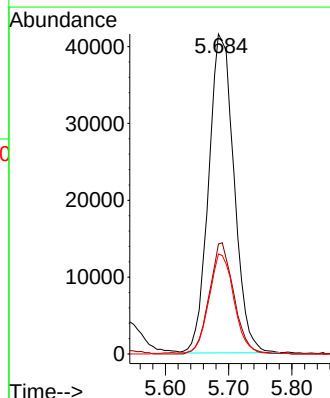
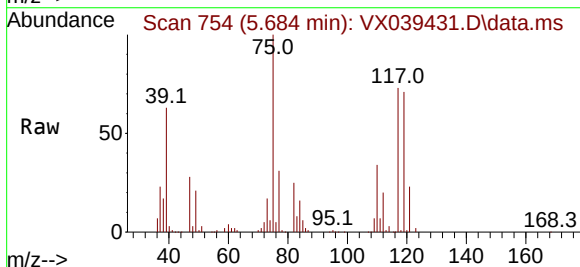
RT: 5.684 min Scan# 754

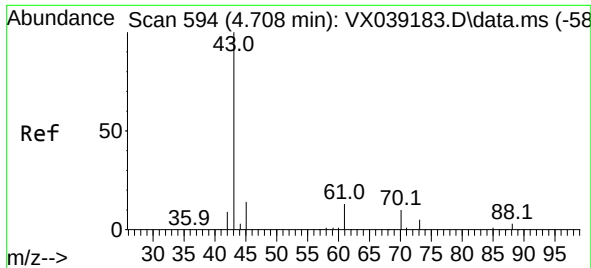
Delta R.T. -0.006 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

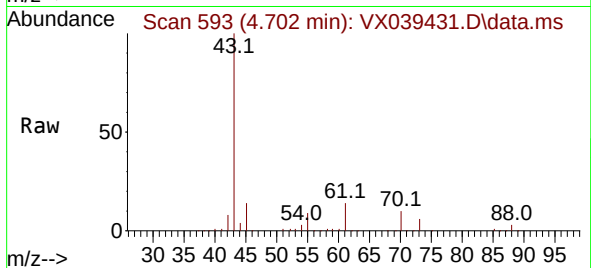
Tgt Ion:	75	Resp:	115802
Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.0	50.9
77	30.6	24.7	37.1





#37
Ethyl Acetate
Concen: 48.117 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

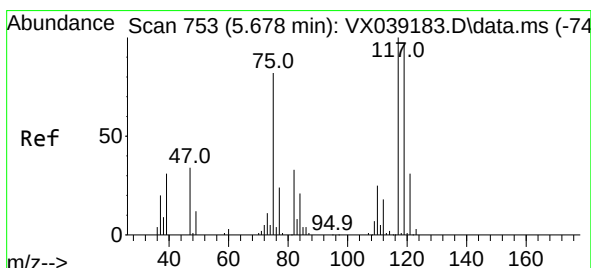
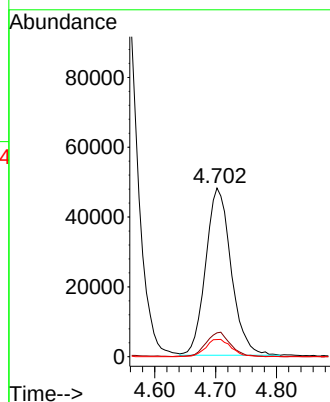
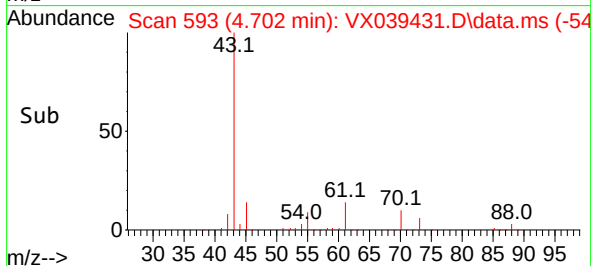
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 13925
Ion Ratio Lower Upper
43 100
61 13.7 10.6 16.0
70 10.4 8.3 12.5

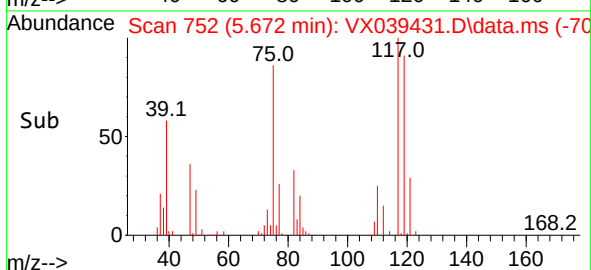
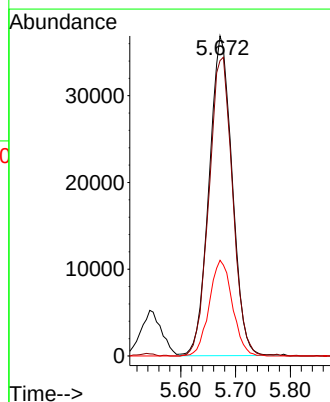
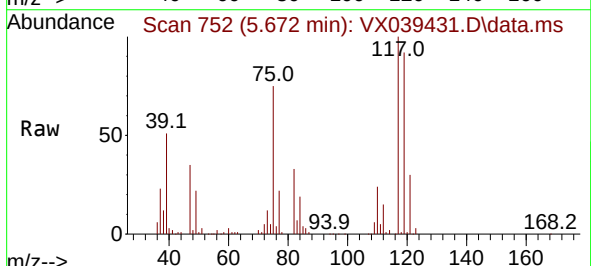
Manual Integrations
APPROVED

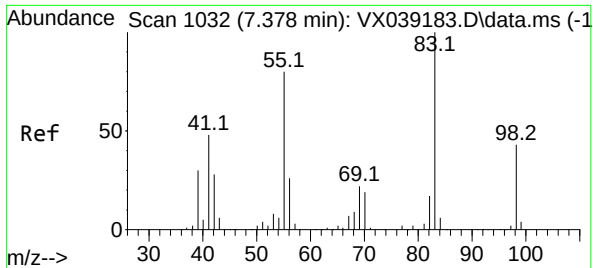
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#38
Carbon Tetrachloride
Concen: 48.158 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Tgt Ion:117 Resp: 107655
Ion Ratio Lower Upper
117 100
119 92.4 78.2 117.2
121 29.9 24.4 36.6





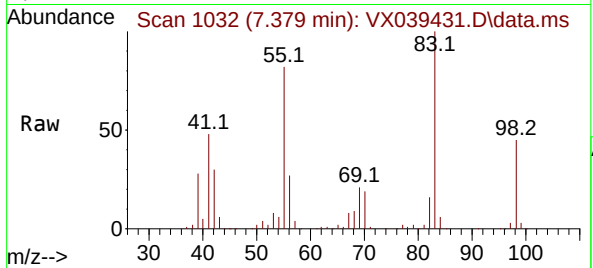
#39
Methylcyclohexane
Concen: 50.310 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



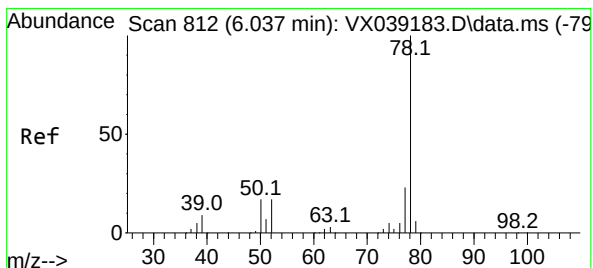
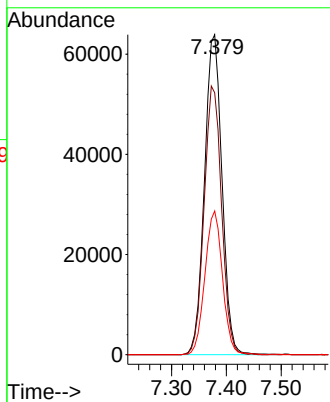
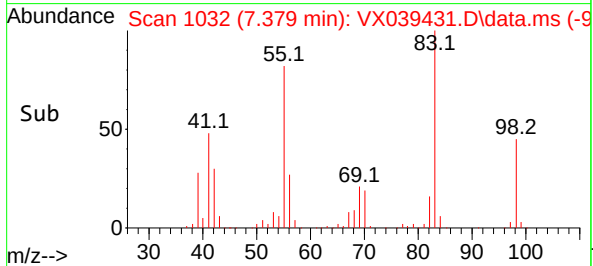
Tgt Ion: 83 Resp: 14155
Ion Ratio Lower Upper
83 100
55 81.8 64.6 97.0
98 44.9 36.7 55.1

Manual Integrations

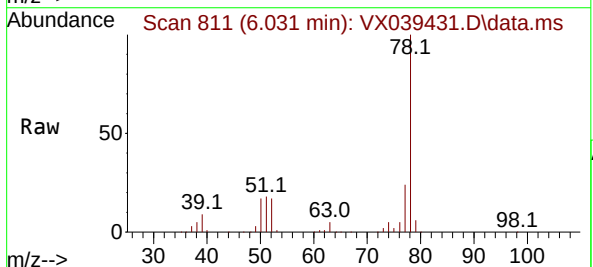
APPROVED

Reviewed By :John Carlone 12/27/2023

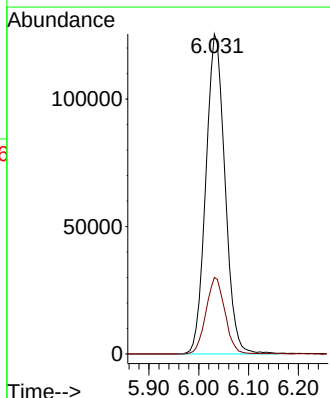
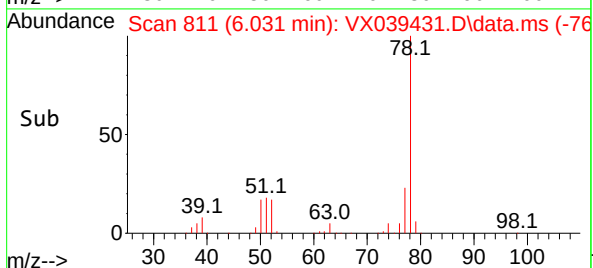
Supervised By :Mahesh Dadoda 12/28/2023

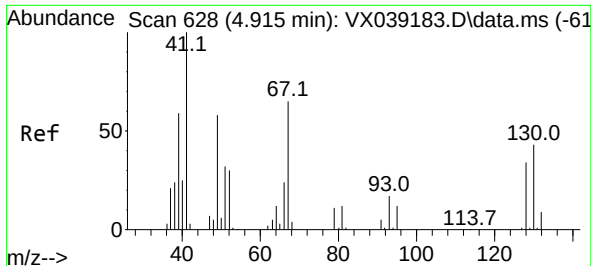


#40
Benzene
Concen: 50.507 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43



Tgt Ion: 78 Resp: 334670
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 48.346 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

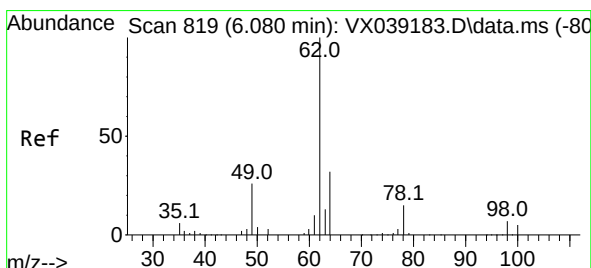
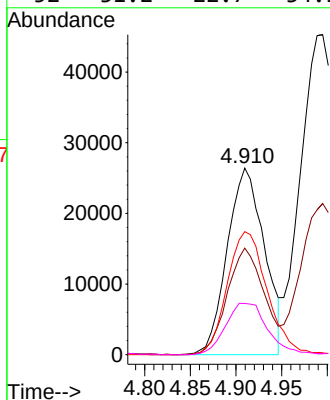
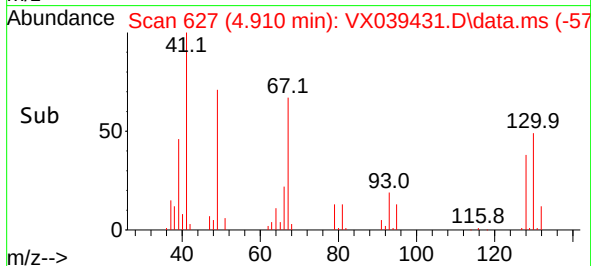
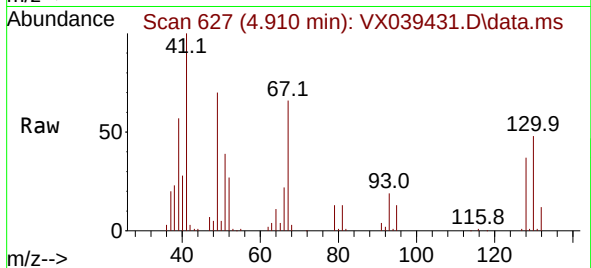
VSTDCCC050

Tgt Ion: 41 Resp: 7465
Ion Ratio Lower Upper
41 100
39 56.7 45.2 67.8
67 71.5 52.6 78.8
52 31.2 22.7 34.1

Manual Integrations

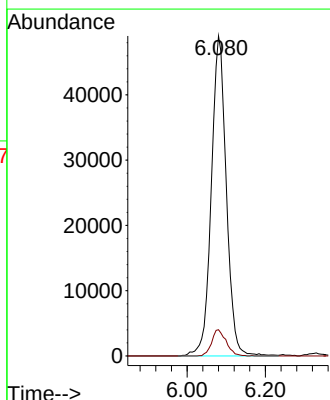
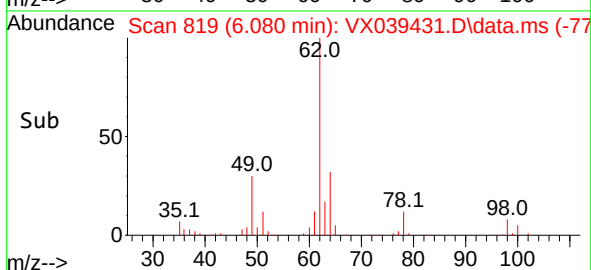
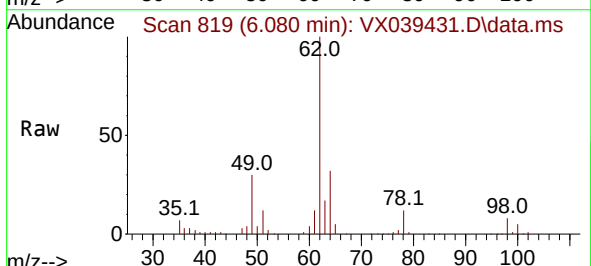
APPROVED

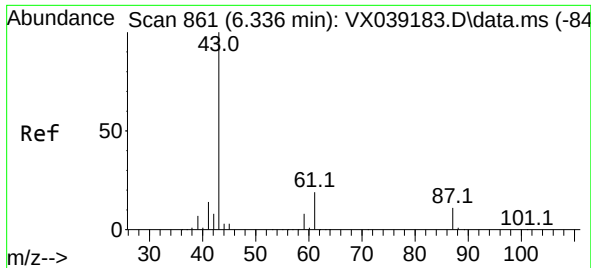
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#42
1,2-Dichloroethane
Concen: 48.642 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

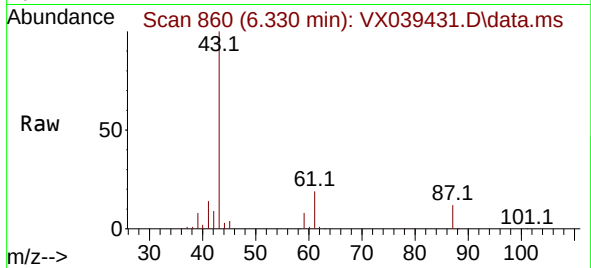
Tgt Ion: 62 Resp: 130469
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





#43
Isopropyl Acetate
Concen: 48.065 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

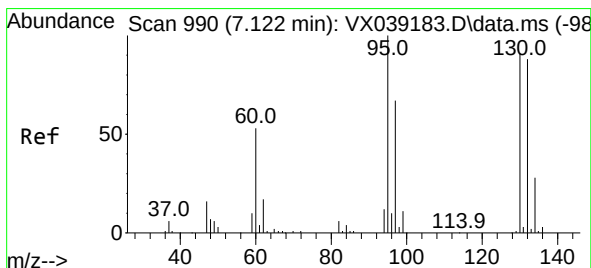
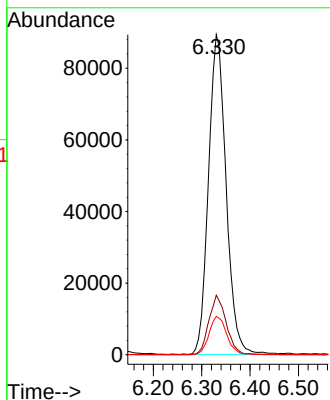
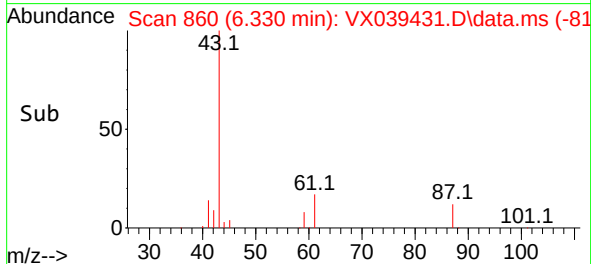
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 226190
Ion Ratio Lower Upper
43 100
61 18.3 15.2 22.8
87 12.0 9.8 14.6

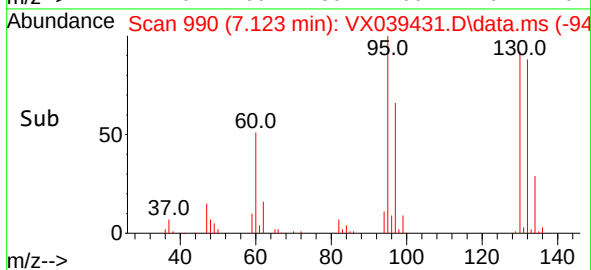
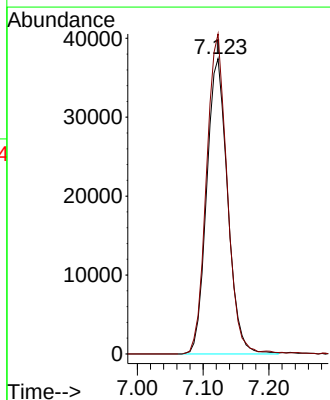
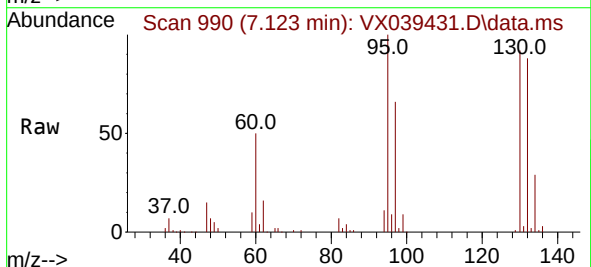
Manual Integrations
APPROVED

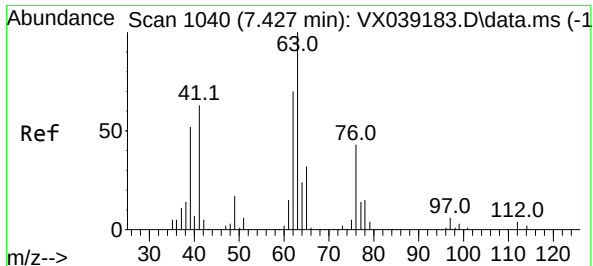
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#44
Trichloroethene
Concen: 49.710 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Tgt Ion:130 Resp: 83120
Ion Ratio Lower Upper
130 100
95 108.3 0.0 204.4





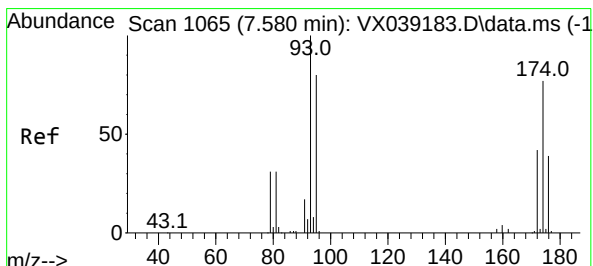
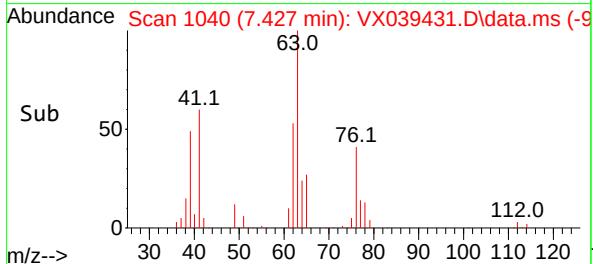
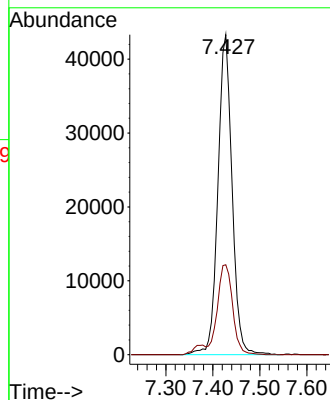
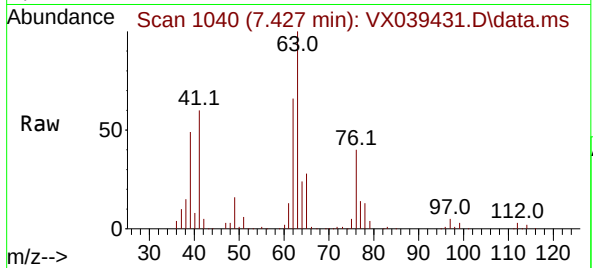
#45
1,2-Dichloropropane
Concen: 51.070 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 90820
Ion Ratio Lower Upper
63 100
65 28.1 24.3 36.5

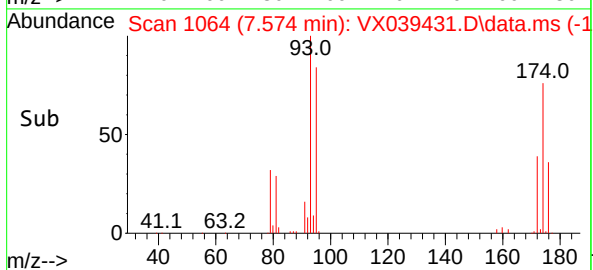
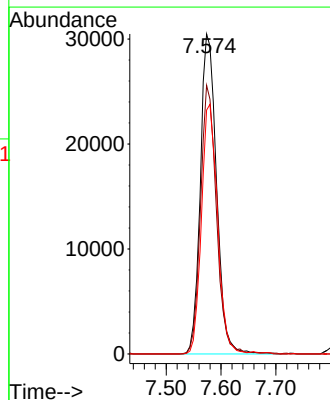
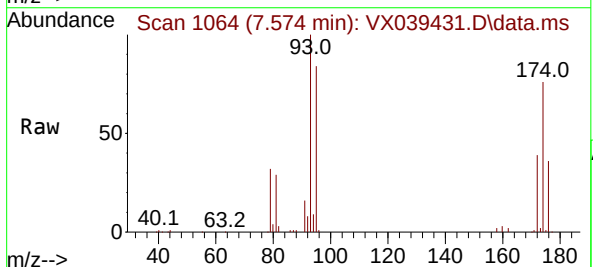
Manual Integrations
APPROVED

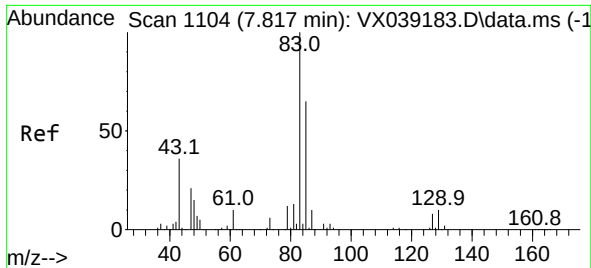
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#46
Dibromomethane
Concen: 50.042 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

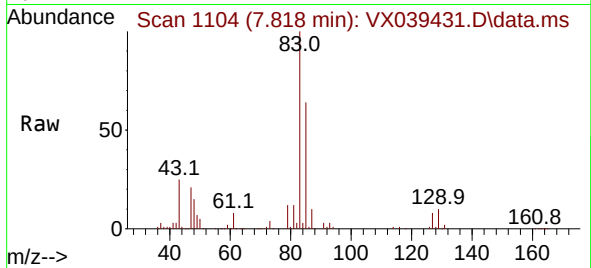
Tgt Ion: 93 Resp: 62558
Ion Ratio Lower Upper
93 100
95 82.4 66.6 100.0
174 77.5 69.4 104.0





#47
Bromodichloromethane
Concen: 49.783 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

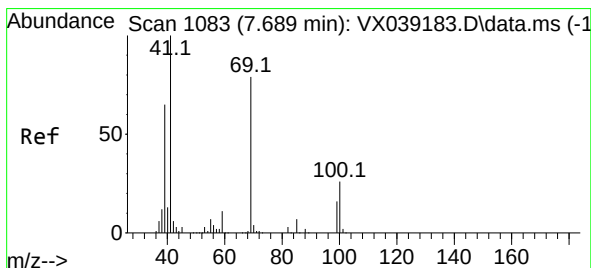
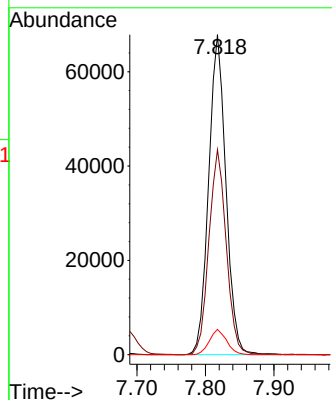
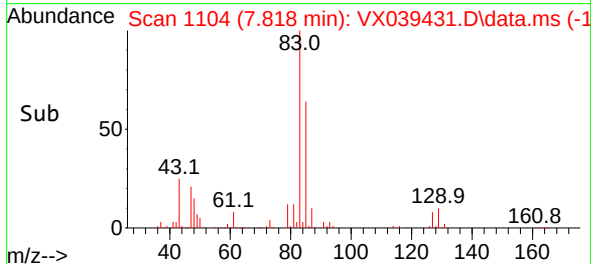
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 11899
Ion Ratio Lower Upper
83 100
85 64.1 49.8 74.6
127 7.9 7.1 10.7

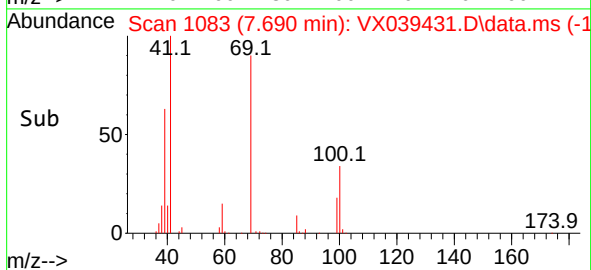
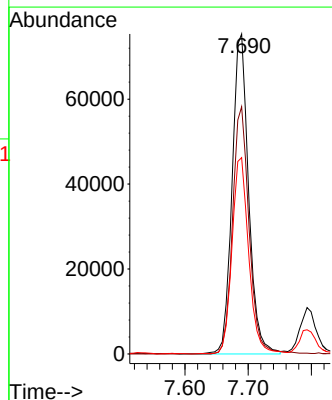
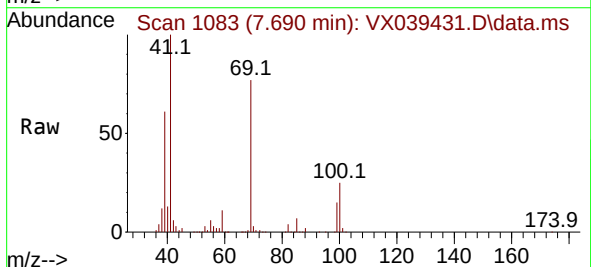
Manual Integrations
APPROVED

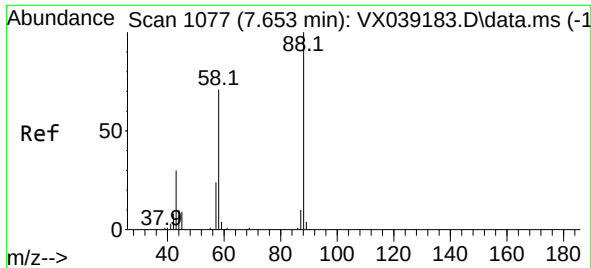
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#48
Methyl methacrylate
Concen: 49.732 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

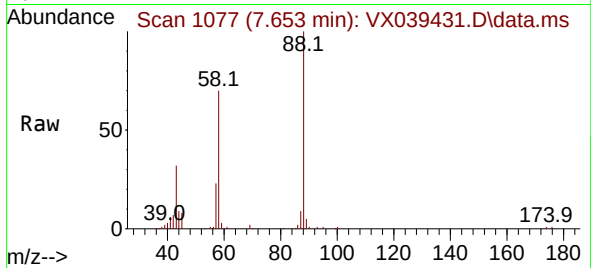
Tgt Ion: 41 Resp: 136823
Ion Ratio Lower Upper
41 100
69 77.6 59.2 88.8
39 62.4 47.7 71.5





#49
1,4-Dioxane
Concen: 1012.235 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

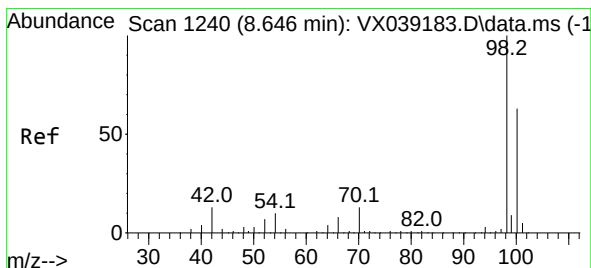
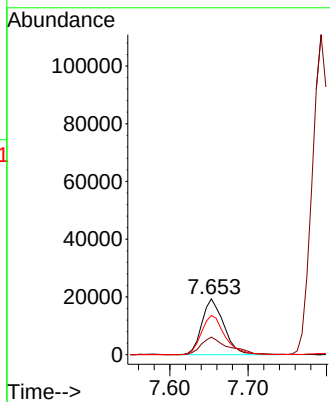
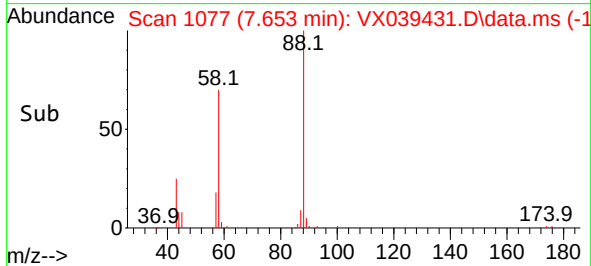
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 37539
Ion Ratio Lower Upper
88 100
43 39.5 0.0 0.0
58 75.4 60.1 90.1

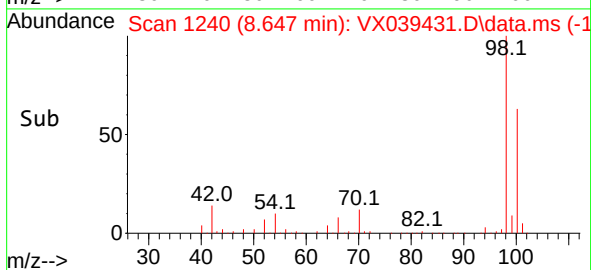
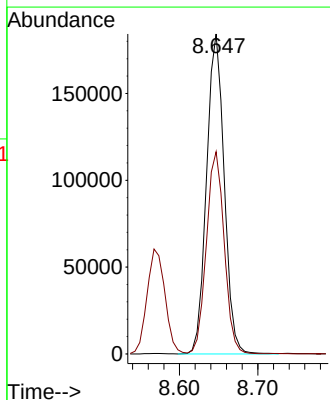
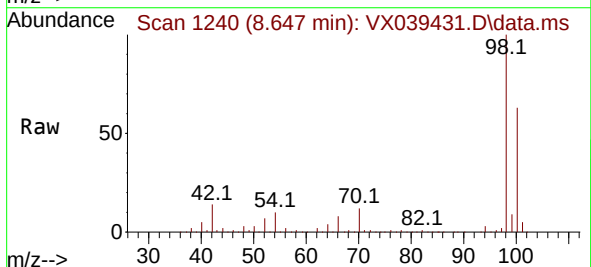
Manual Integrations
APPROVED

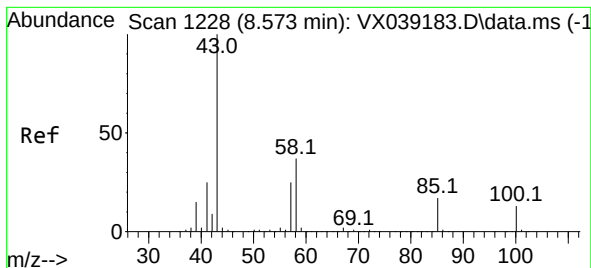
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#50
Toluene-d8
Concen: 52.140 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Tgt Ion: 98 Resp: 287338
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7





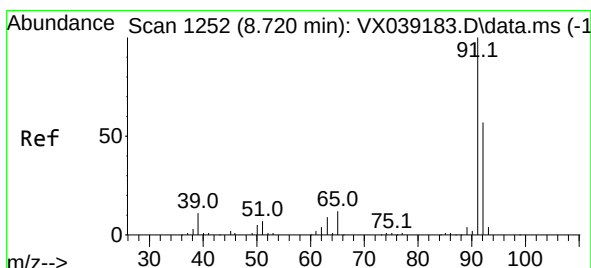
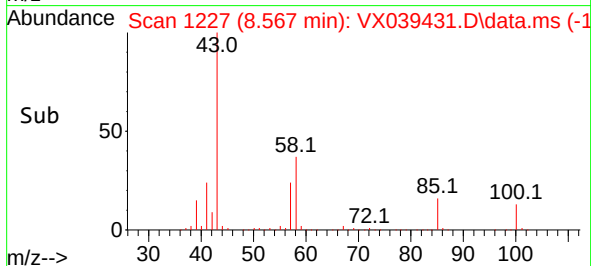
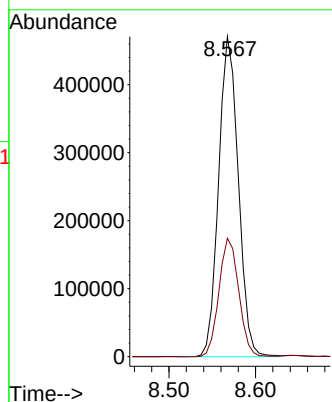
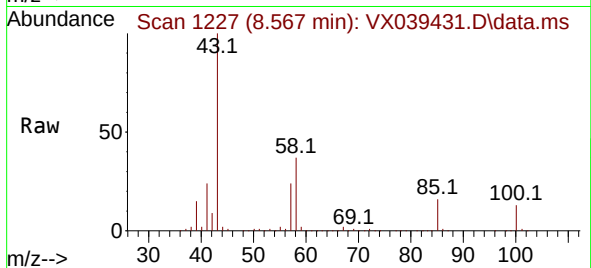
#51
4-Methyl-2-Pentanone
Concen: 248.070 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 743820
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6

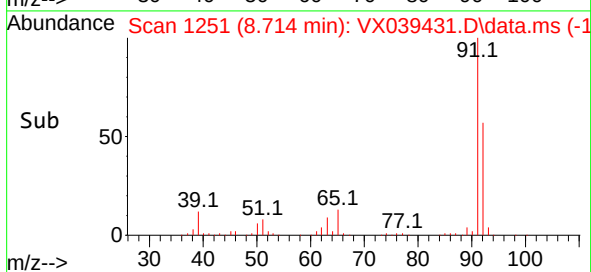
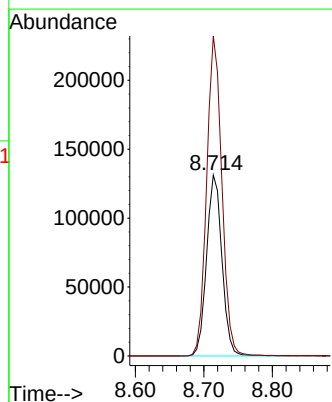
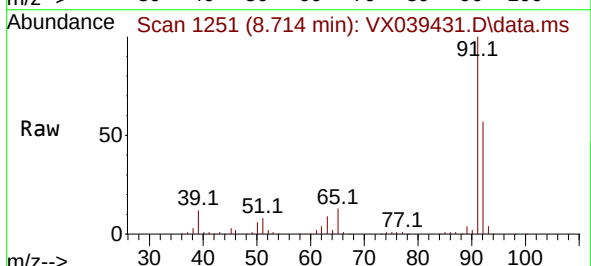
Manual Integrations
APPROVED

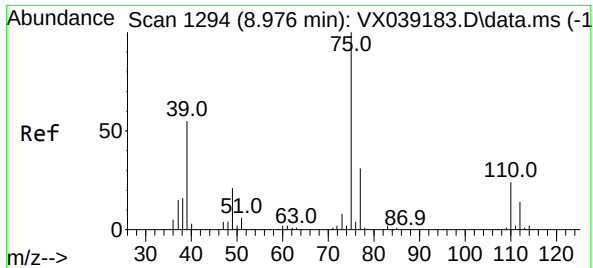
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#52
Toluene
Concen: 51.181 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

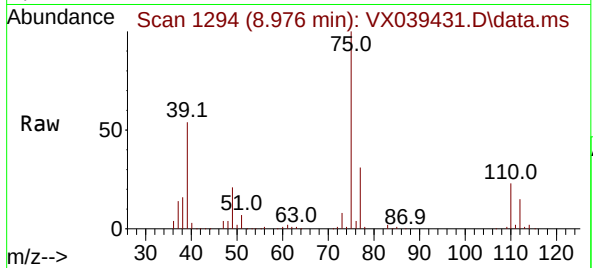
Tgt Ion: 92 Resp: 204692
Ion Ratio Lower Upper
92 100
91 175.0 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 49.752 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

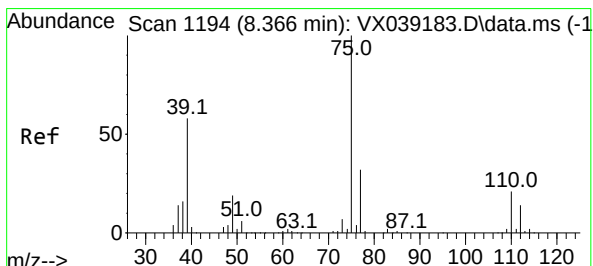
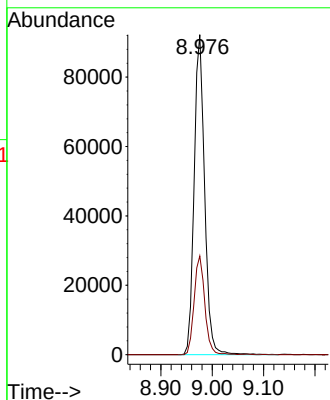
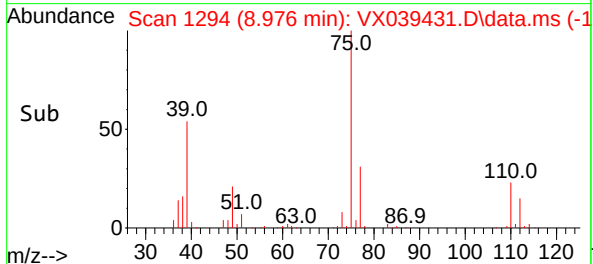
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



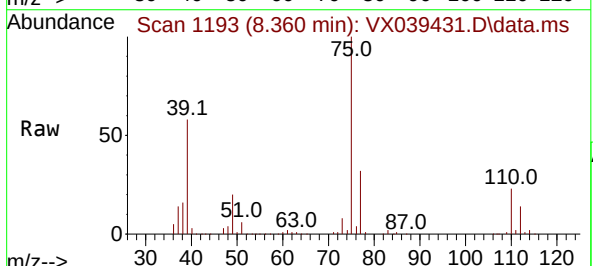
Tgt Ion: 75 Resp: 130923
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5

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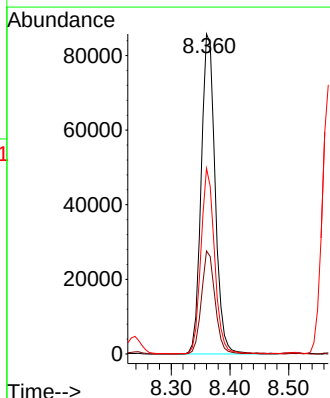
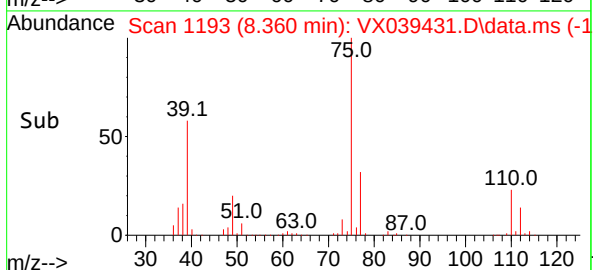
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

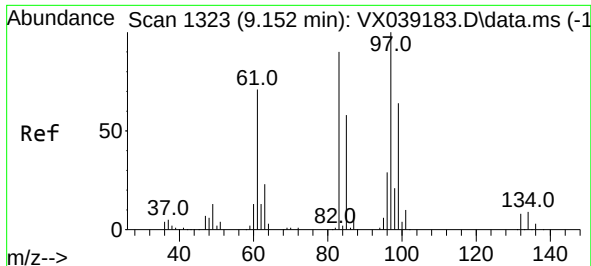


#54
cis-1,3-Dichloropropene
Concen: 50.008 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43



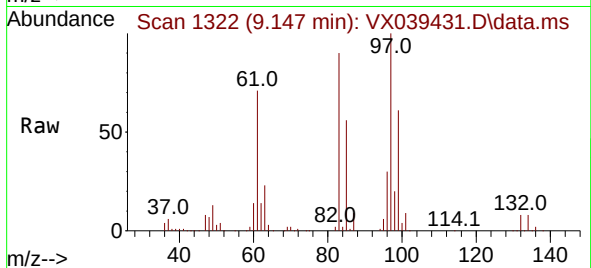
Tgt Ion: 75 Resp: 141596
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 57.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.069 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

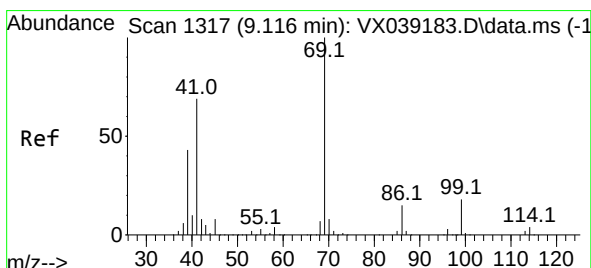
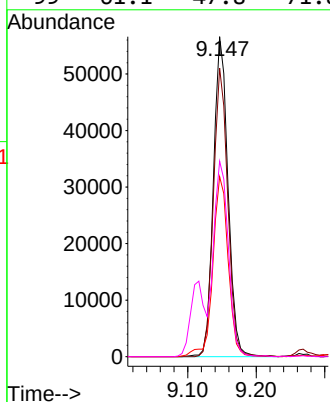
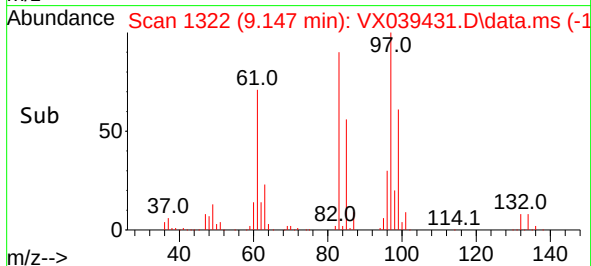


Tgt Ion: 97 Resp: 83598

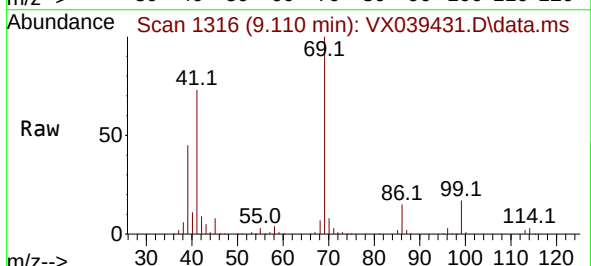
Ion	Ratio	Lower	Upper
97	100		
83	90.2	65.8	98.8
85	56.3	41.6	62.4
99	61.1	47.8	71.8

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

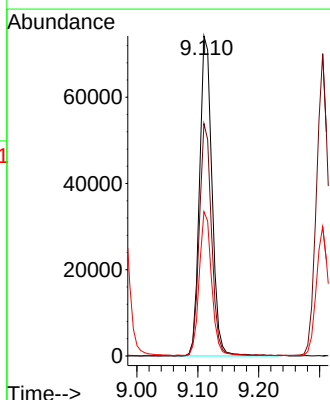
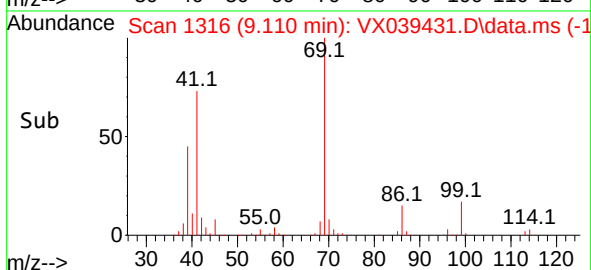


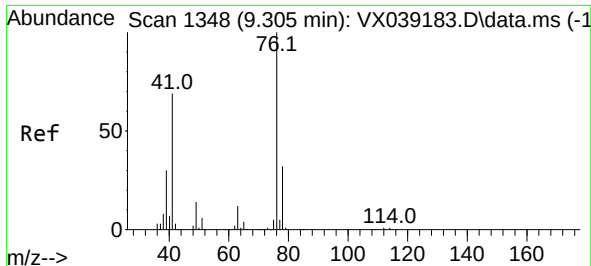
#56
Ethyl methacrylate
Concen: 51.715 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43



Tgt Ion: 69 Resp: 105407

Ion	Ratio	Lower	Upper
69	100		
41	71.8	56.8	85.2
39	44.6	32.0	48.0





#57

1,3-Dichloropropane

Concen: 50.610 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 14608

Ion Ratio Lower Upper

76 100

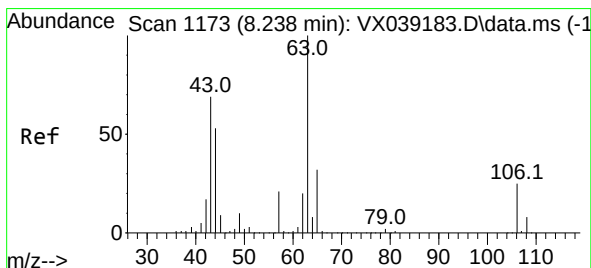
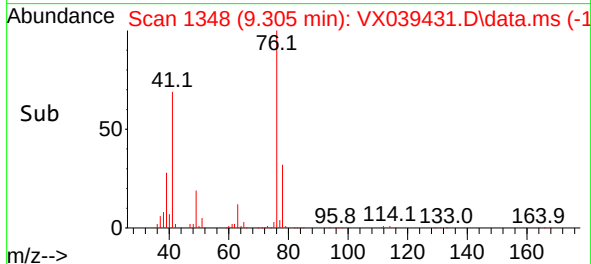
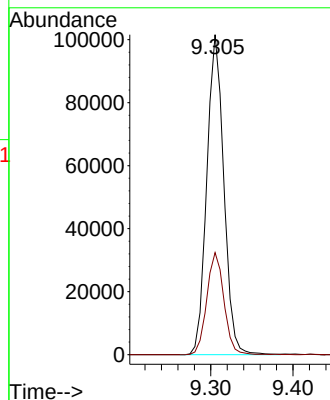
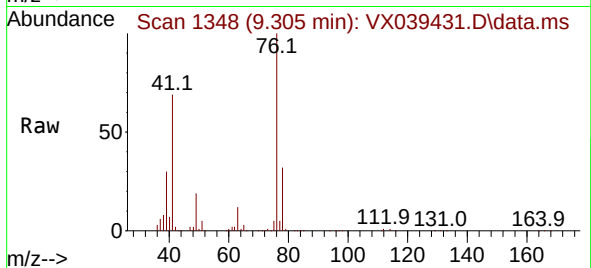
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 264.106 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039431.D

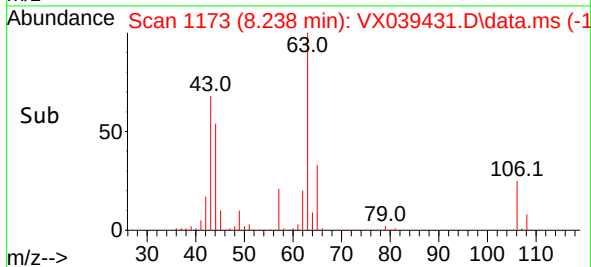
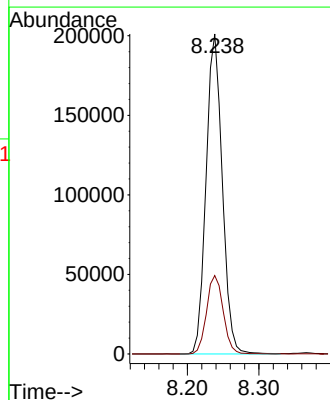
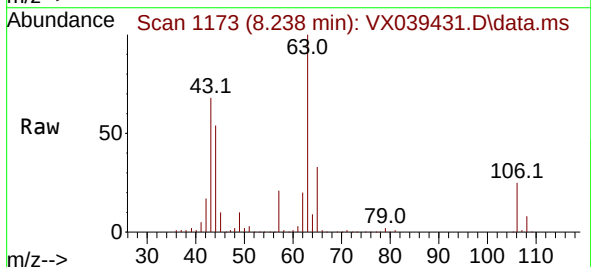
Acq: 22 Dec 2023 11:43

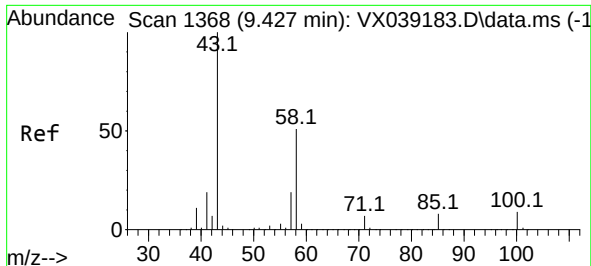
Tgt Ion: 63 Resp: 316092

Ion Ratio Lower Upper

63 100

106 25.2 22.5 33.7





#59

2-Hexanone

Concen: 238.698 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 61769

Ion Ratio Lower Upper

43 100

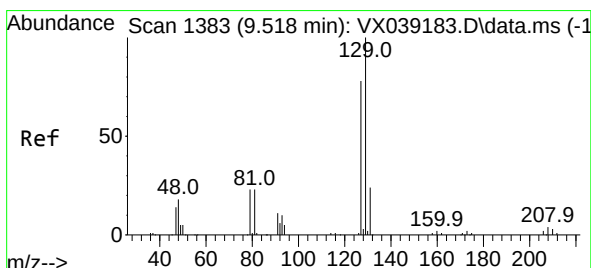
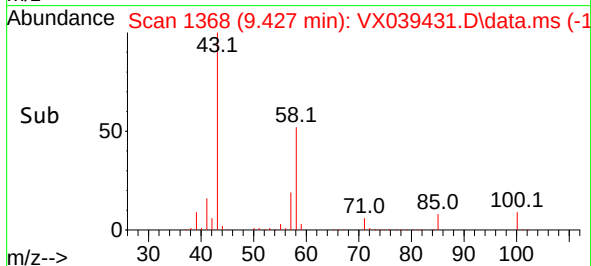
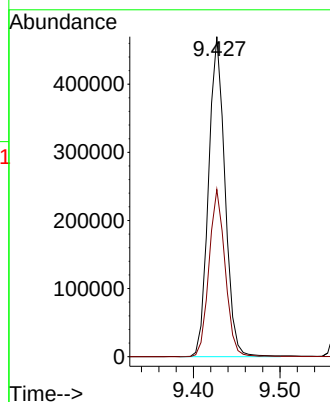
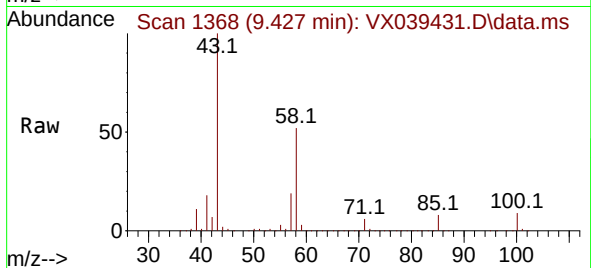
58 51.5 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#60

Dibromochloromethane

Concen: 50.243 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039431.D

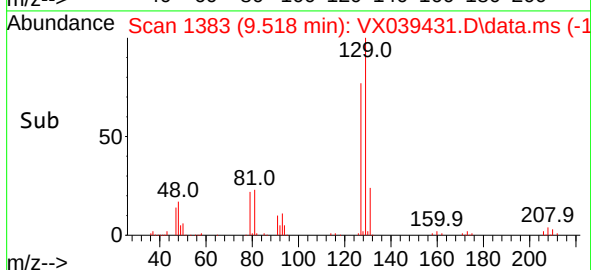
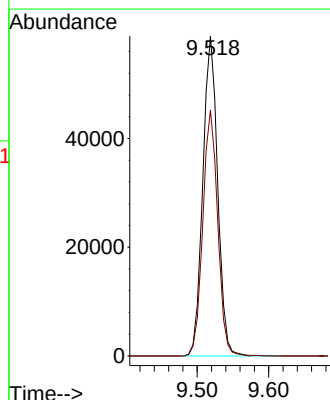
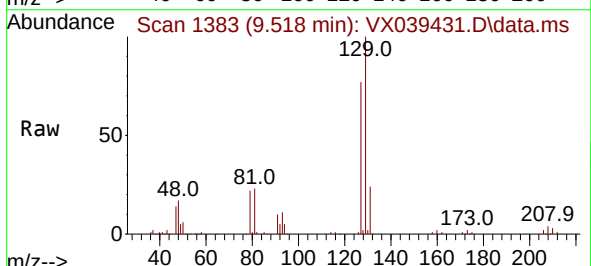
Acq: 22 Dec 2023 11:43

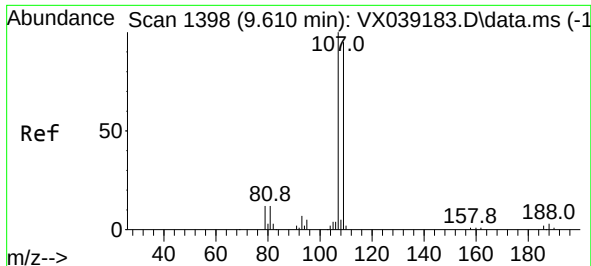
Tgt Ion:129 Resp: 84839

Ion Ratio Lower Upper

129 100

127 76.9 38.8 116.4





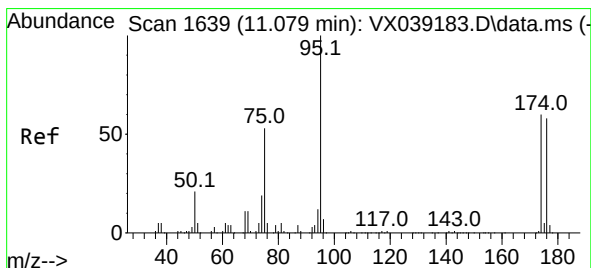
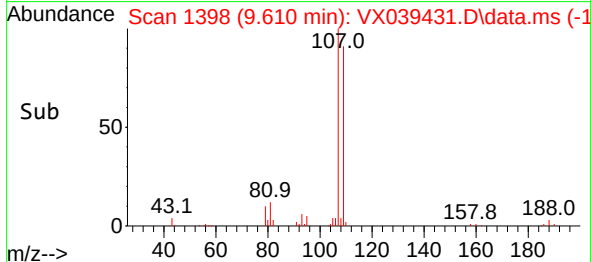
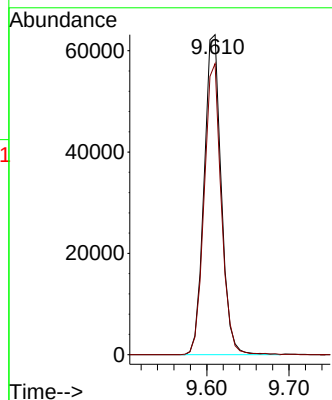
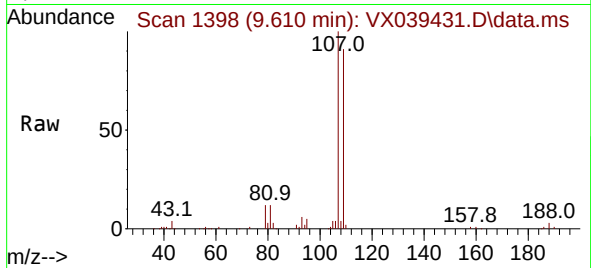
#61
1,2-Dibromoethane
Concen: 51.272 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 91380
Ion Ratio Lower Upper
107 100
109 91.0 75.2 112.8

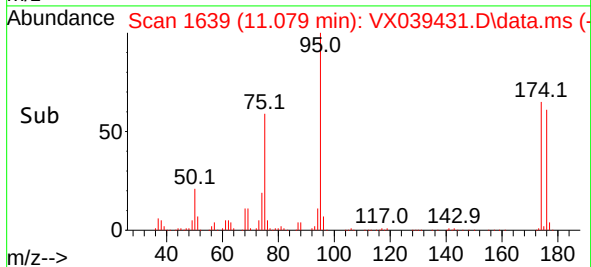
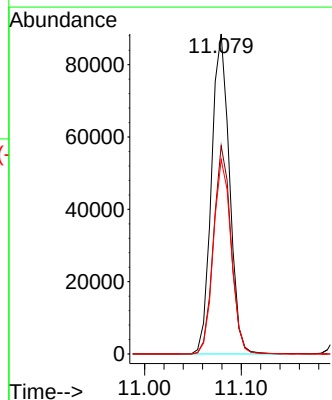
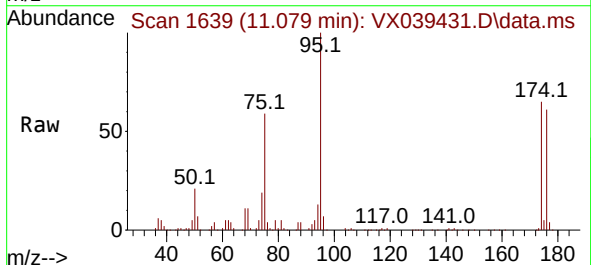
Manual Integrations
APPROVED

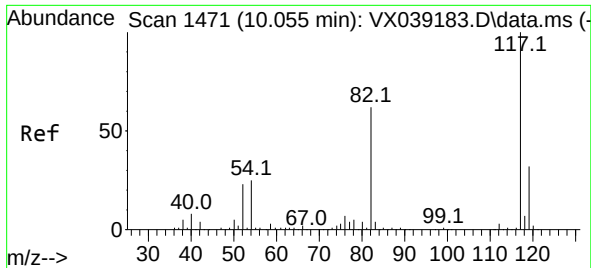
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#62
4-Bromofluorobenzene
Concen: 50.292 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

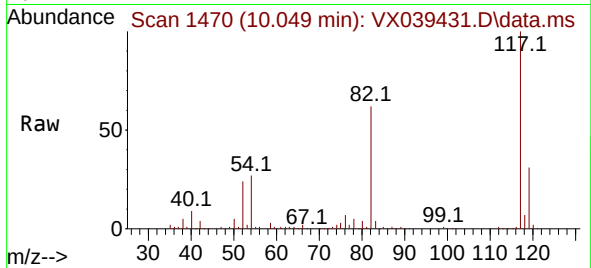
Tgt Ion: 95 Resp: 114353
Ion Ratio Lower Upper
95 100
174 63.3 0.0 135.6
176 60.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

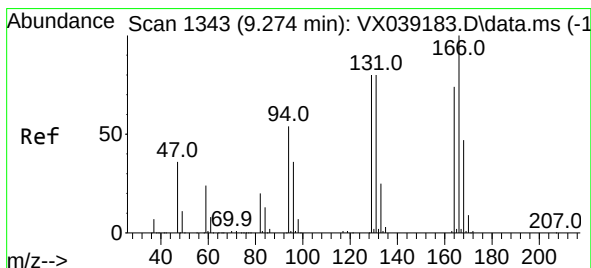
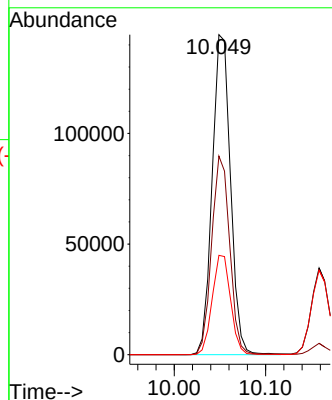
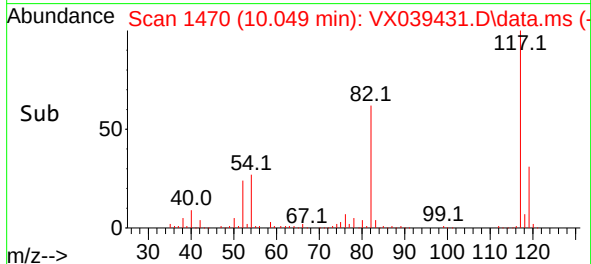
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 20088
Ion Ratio Lower Upper
117 100
82 62.0 46.2 69.4
119 31.1 25.5 38.3

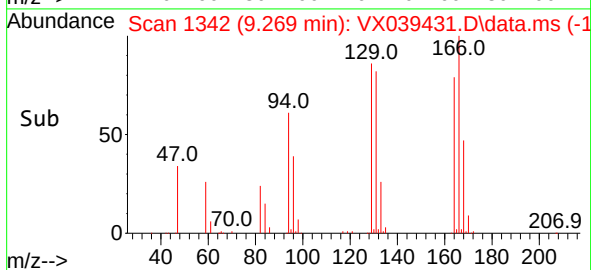
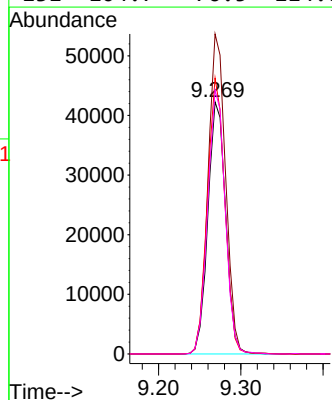
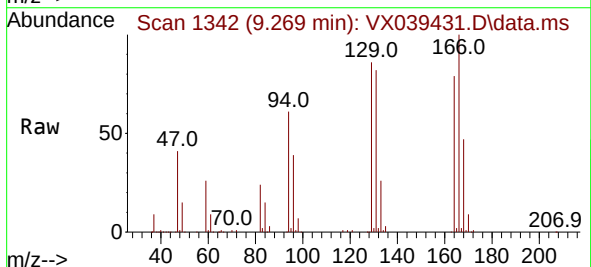
Manual Integrations
APPROVED

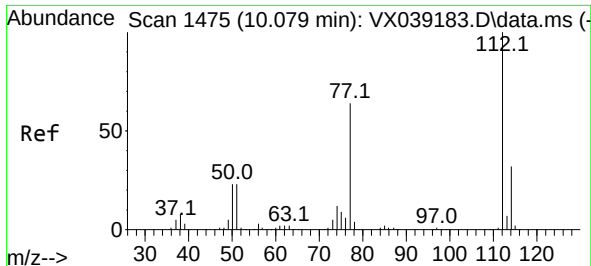
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#64
Tetrachloroethene
Concen: 48.177 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Tgt Ion:164 Resp: 63243
Ion Ratio Lower Upper
164 100
166 127.0 102.7 154.1
129 109.5 80.4 120.6
131 104.7 76.5 114.7





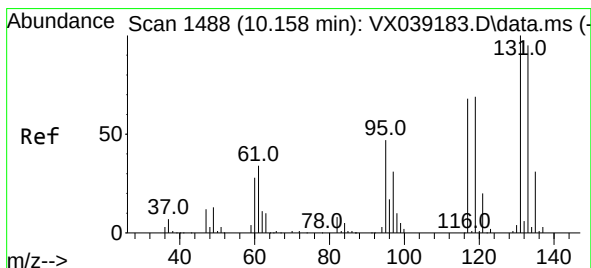
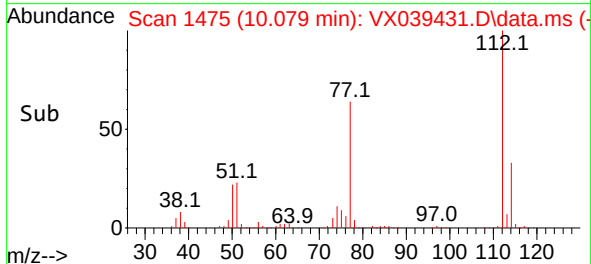
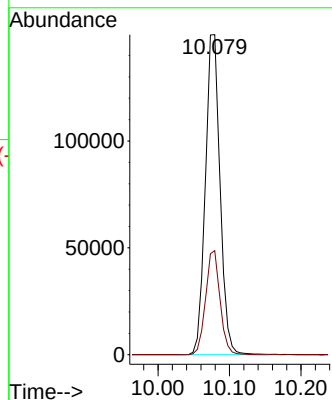
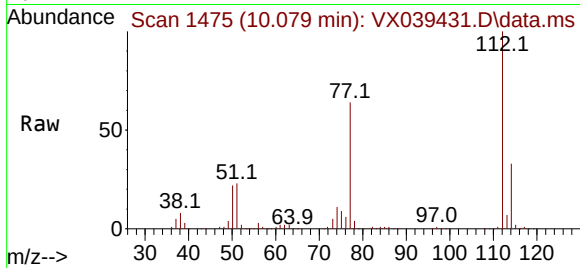
#65
Chlorobenzene
Concen: 48.828 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 214100
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

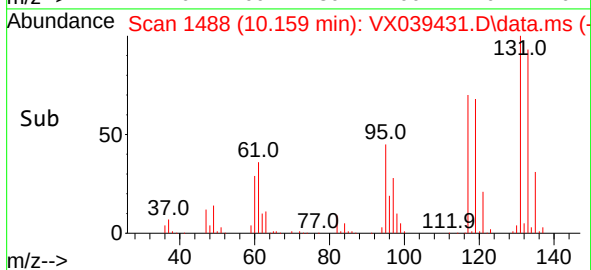
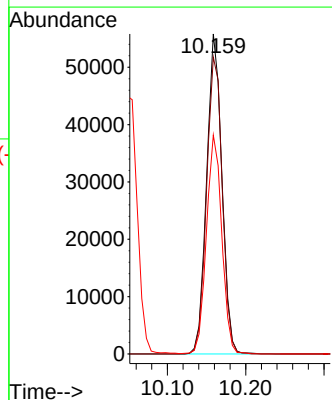
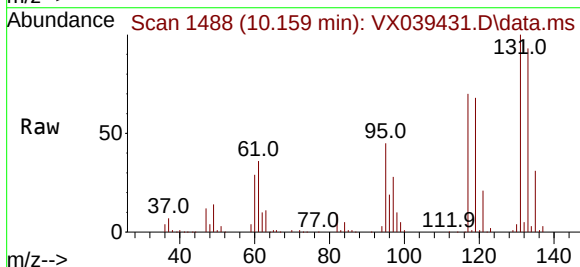
Manual Integrations
APPROVED

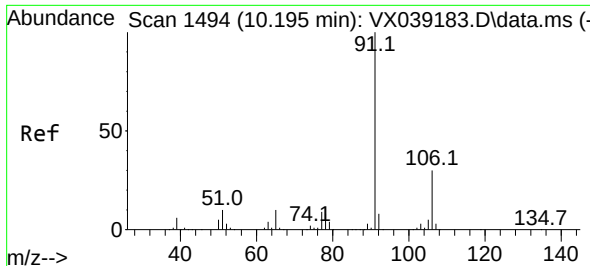
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.650 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Tgt Ion:131 Resp: 75350
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 68.9 32.2 96.6





#67

Ethyl Benzene

Concen: 50.251 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 410149

Ion Ratio Lower Upper

91 100

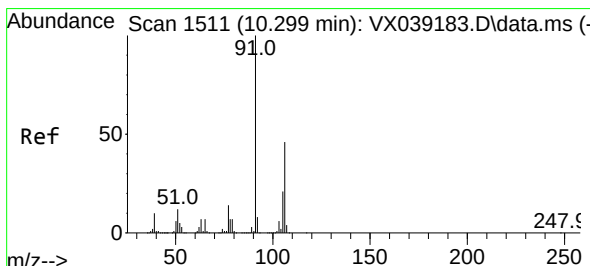
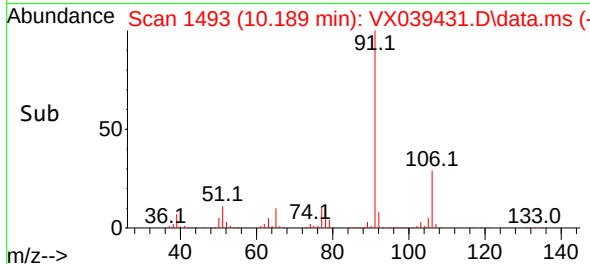
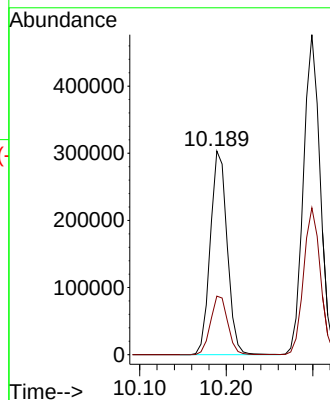
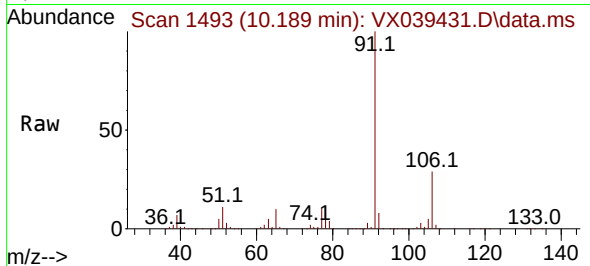
106 28.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#68

m/p-Xylenes

Concen: 101.140 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039431.D

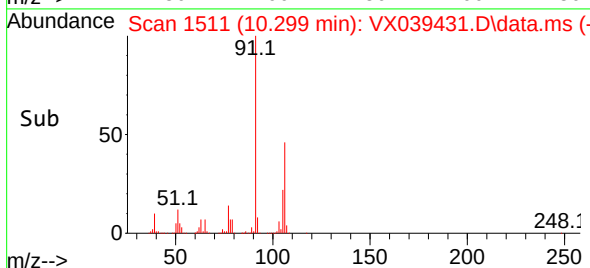
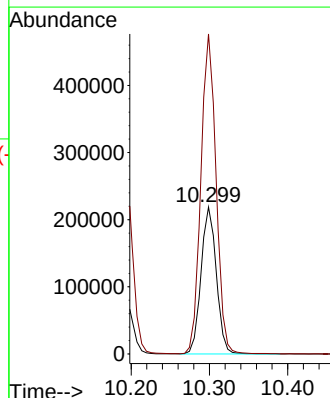
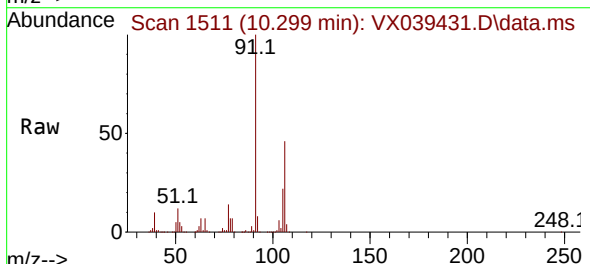
Acq: 22 Dec 2023 11:43

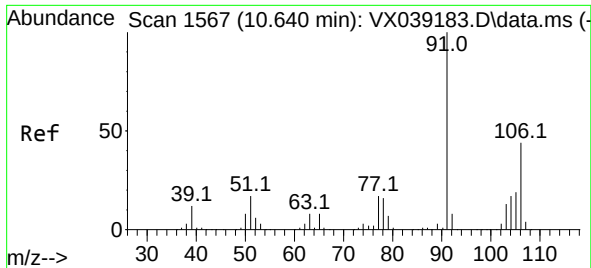
Tgt Ion:106 Resp: 295980

Ion Ratio Lower Upper

106 100

91 217.2 165.5 248.3





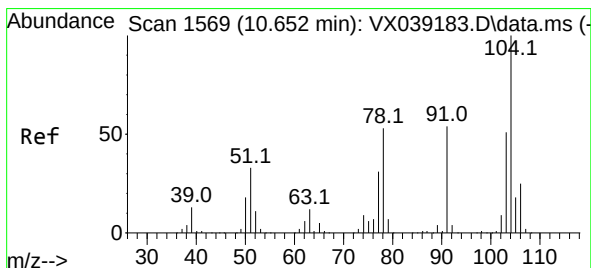
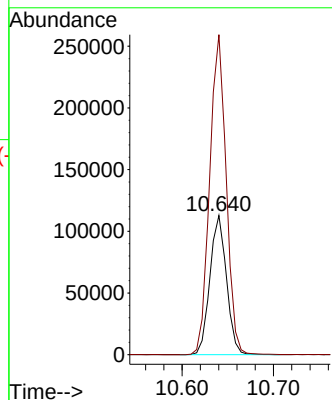
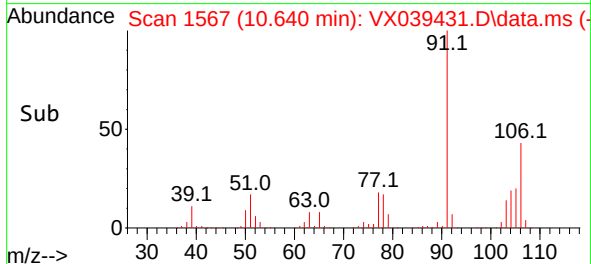
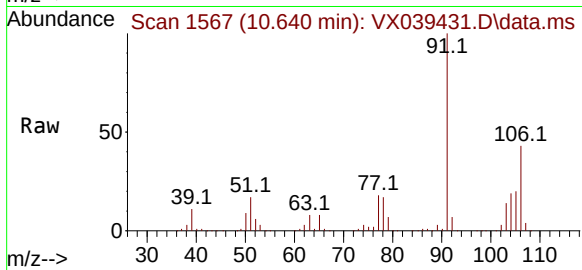
#69
o-Xylene
Concen: 50.115 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 141800
Ion Ratio Lower Upper
106 100
91 229.1 108.9 326.8

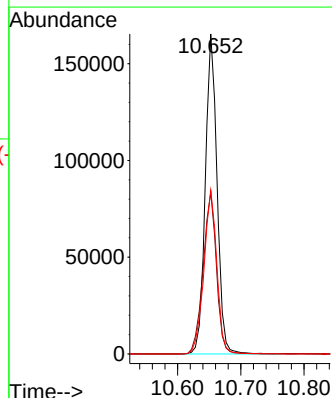
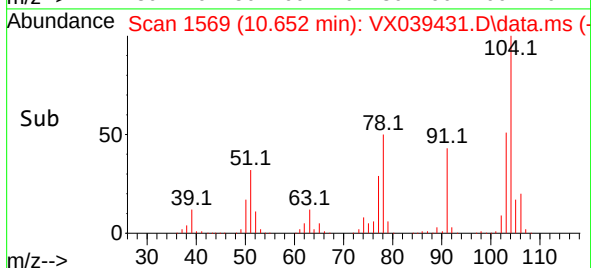
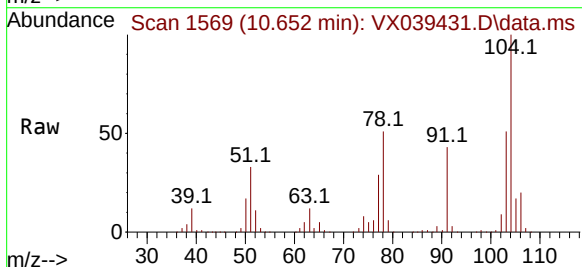
Manual Integrations
APPROVED

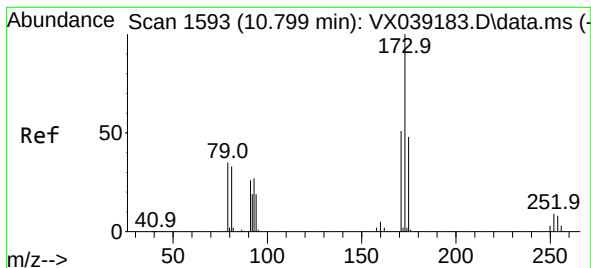
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#70
Styrene
Concen: 51.760 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Tgt Ion:104 Resp: 214107
Ion Ratio Lower Upper
104 100
78 57.4 43.6 65.4
103 56.6 43.6 65.4





#71

Bromoform

Concen: 48.941 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

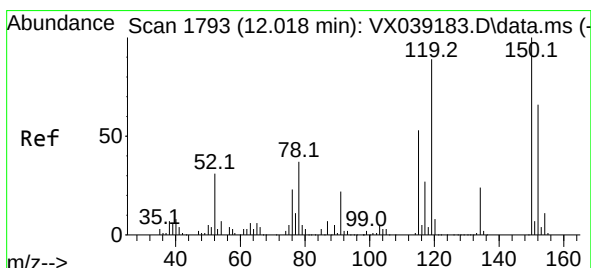
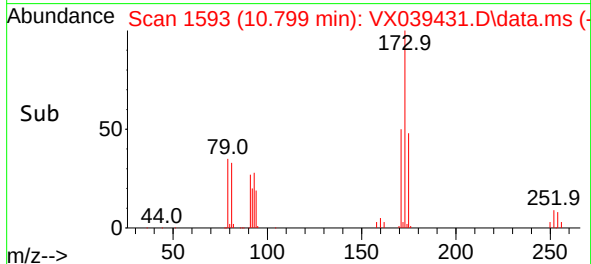
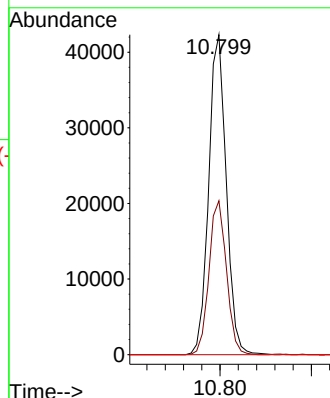
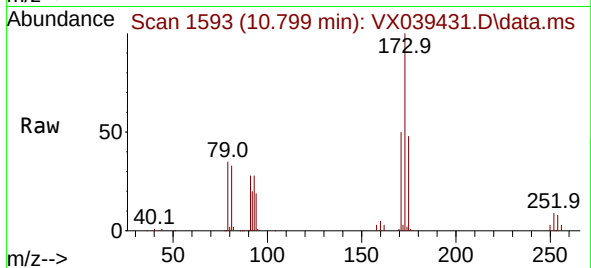
Tgt Ion:173	Resp:	5634
Ion Ratio	Lower	Upper
173	100	
175	47.8	24.1 72.4
254	0.0	0.0 0.0

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

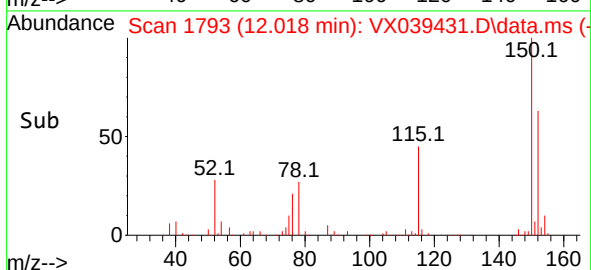
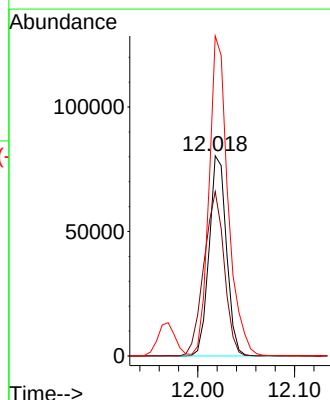
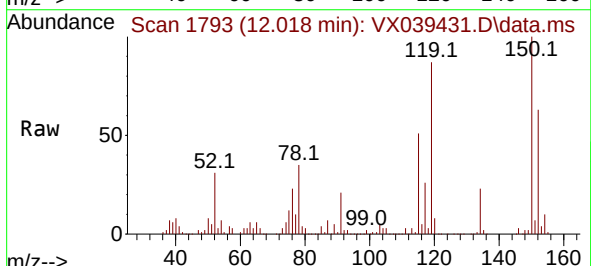
RT: 12.018 min Scan# 1793

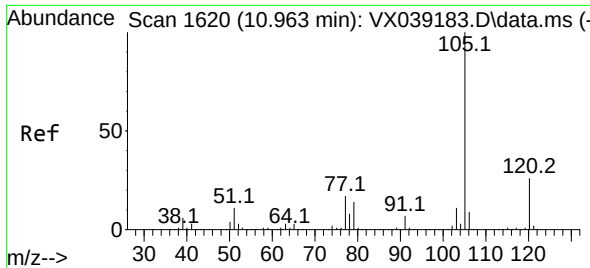
Delta R.T. 0.000 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

Tgt Ion:152	Resp:	100266
Ion Ratio	Lower	Upper
152	100	
115	96.4	43.3 129.9
150	174.2	0.0 345.0





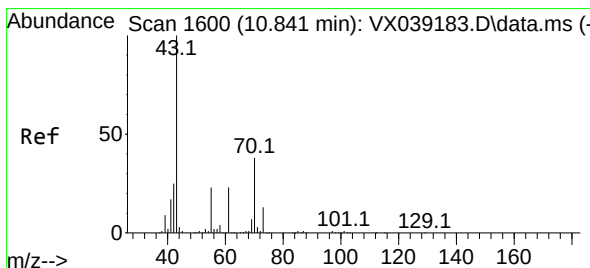
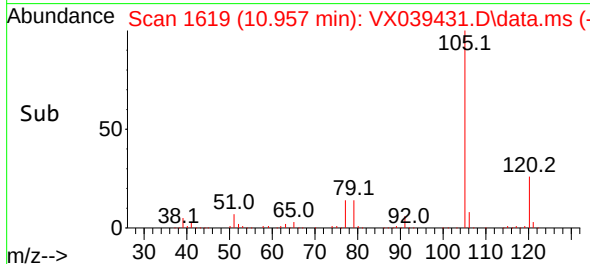
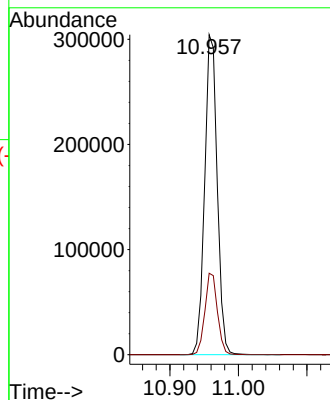
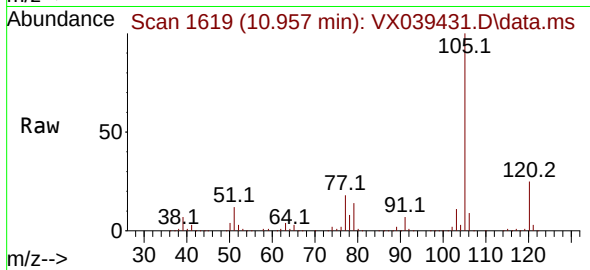
#73
Isopropylbenzene
Concen: 50.127 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 38778
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6

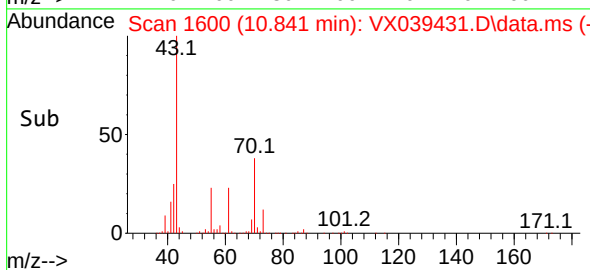
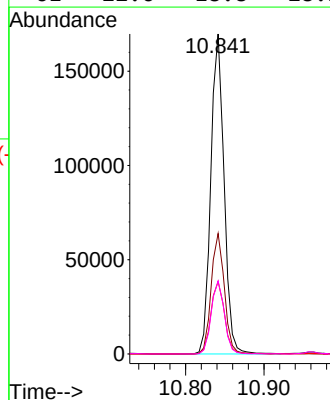
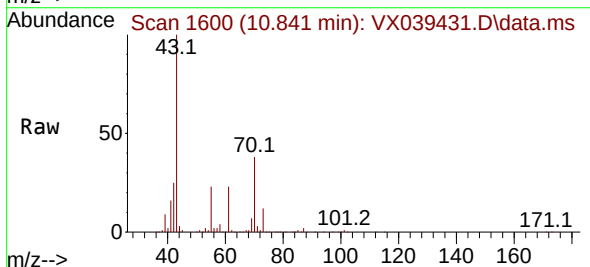
Manual Integrations
APPROVED

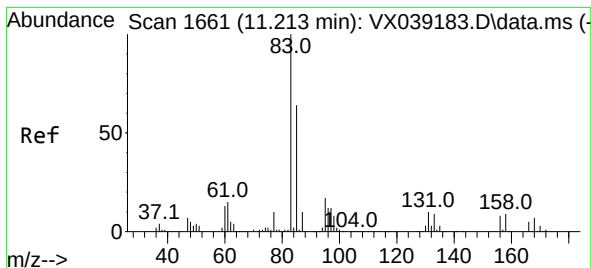
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#74
N-ethyl acetate
Concen: 50.925 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Tgt Ion: 43 Resp: 199324
Ion Ratio Lower Upper
43 100
70 37.4 32.9 49.3
55 23.2 19.3 28.9
61 22.6 18.8 28.2





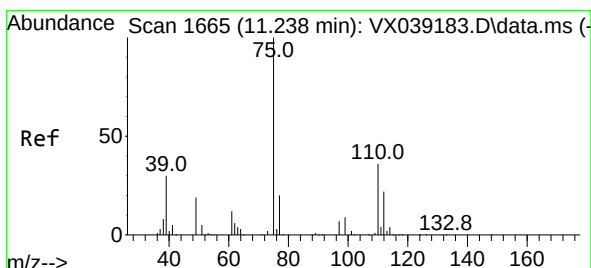
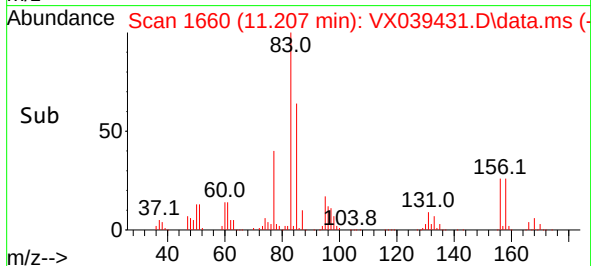
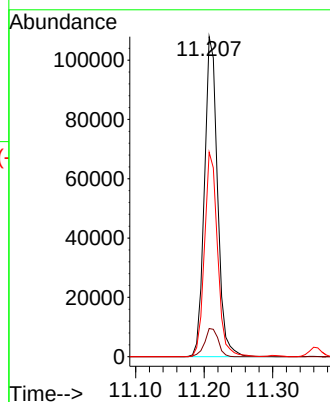
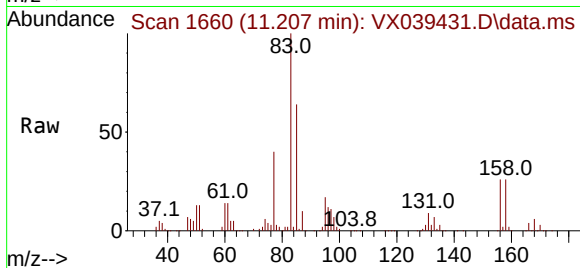
#75
1,1,2,2-Tetrachloroethane
Concen: 49.878 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 143540
Ion Ratio Lower Upper
83 100
131 9.2 5.3 15.8
85 63.9 32.0 96.2

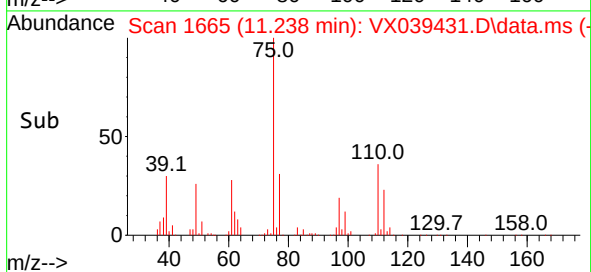
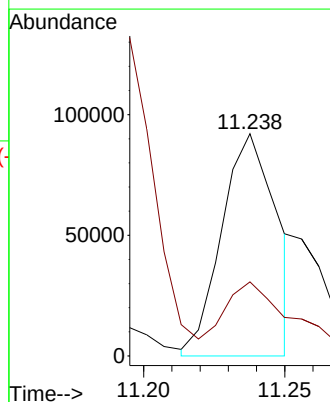
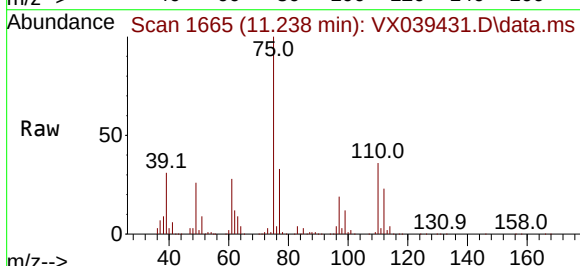
Manual Integrations
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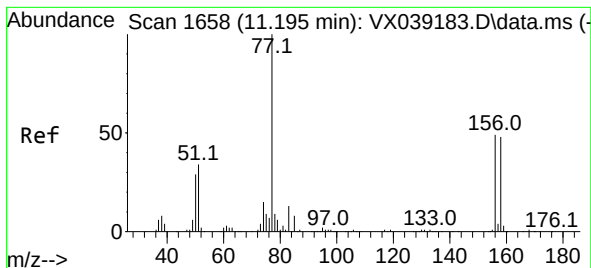
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#76
1,2,3-Trichloropropane
Concen: 47.989 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Tgt Ion: 75 Resp: 124486
Ion Ratio Lower Upper
75 100
77 42.2 19.1 57.5





#77

Bromobenzene

Concen: 49.738 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

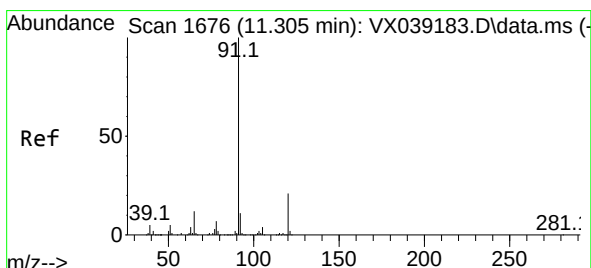
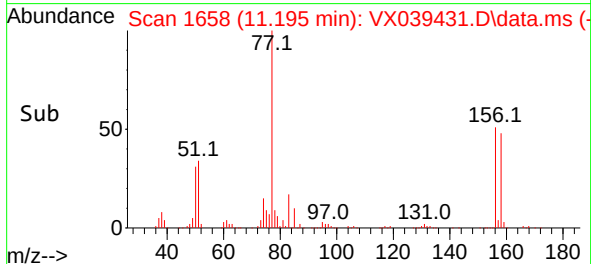
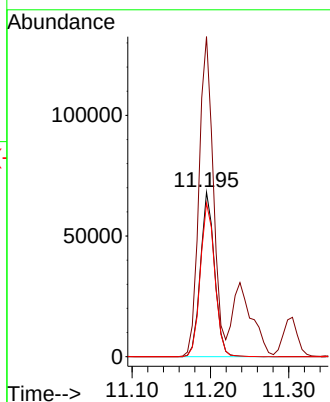
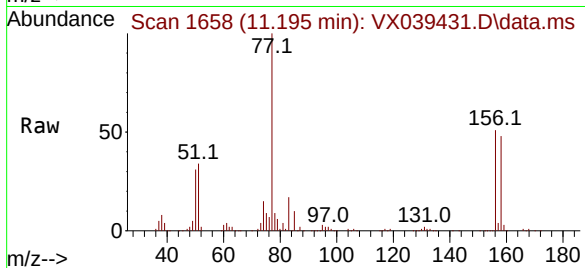
Tgt Ion:156 Resp: 85085
 Ion Ratio Lower Upper
 156 100
 77 197.9 88.4 265.3
 158 95.9 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#78

n-propylbenzene

Concen: 51.381 ug/l

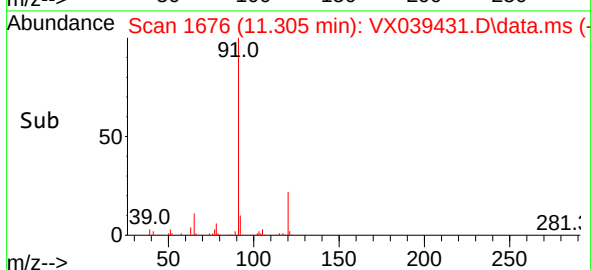
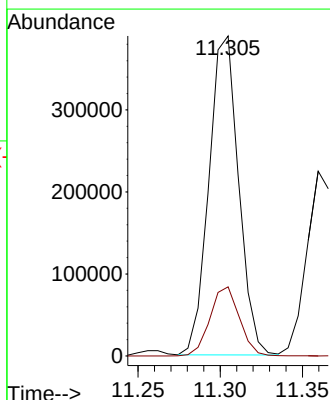
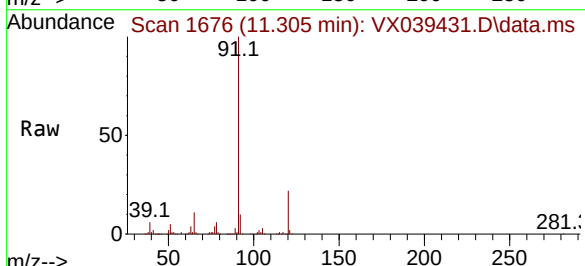
RT: 11.305 min Scan# 1676

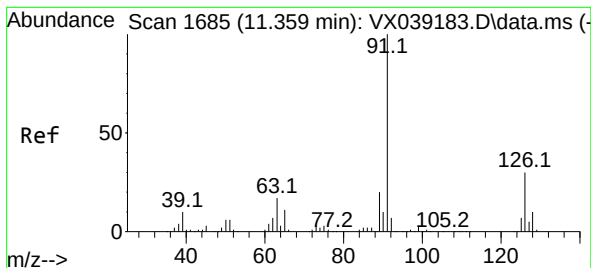
Delta R.T. 0.000 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

Tgt Ion: 91 Resp: 489736
 Ion Ratio Lower Upper
 91 100
 120 21.5 11.5 34.4





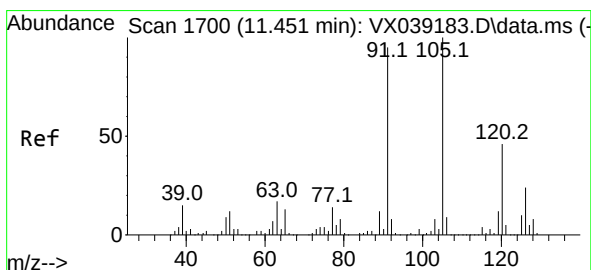
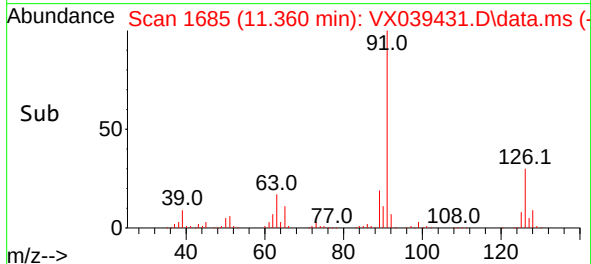
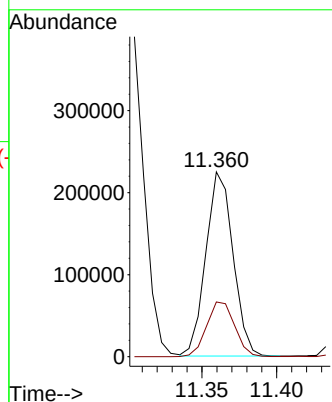
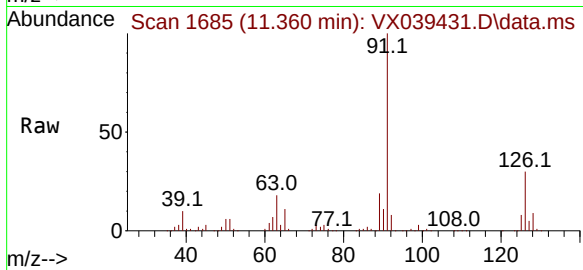
#79
2-Chlorotoluene
Concen: 49.396 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 284785
Ion Ratio Lower Upper
91 100
126 30.8 16.3 48.8

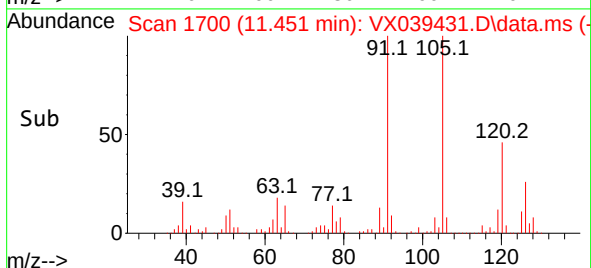
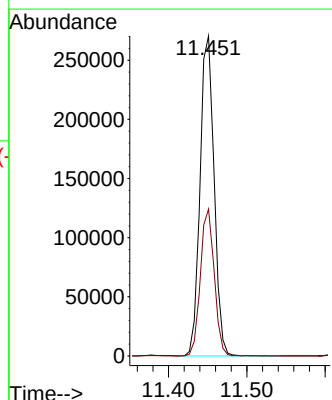
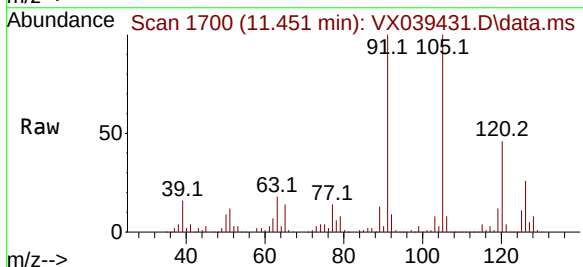
Manual Integrations
APPROVED

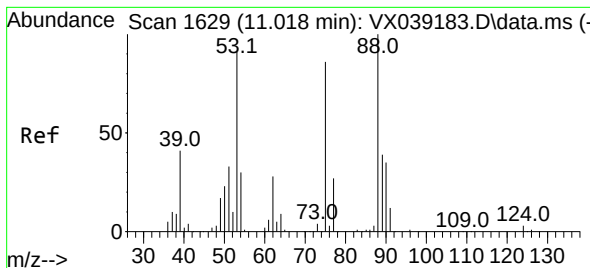
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.238 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Tgt Ion:105 Resp: 337667
Ion Ratio Lower Upper
105 100
120 45.3 24.1 72.3





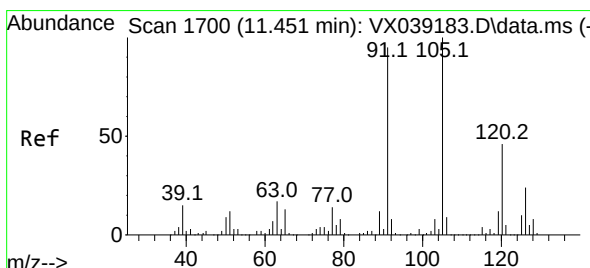
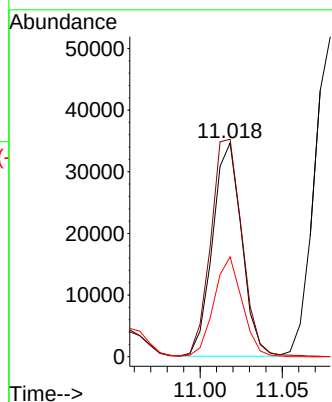
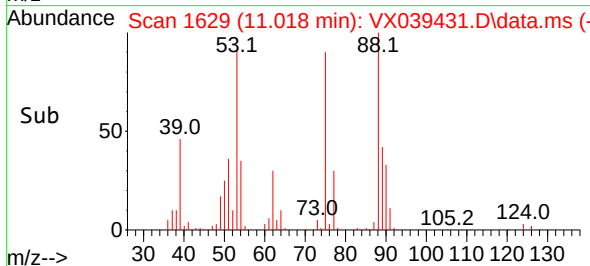
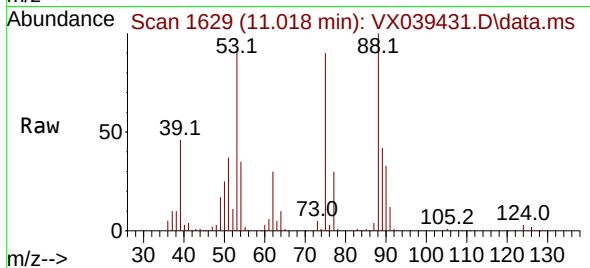
#81
trans-1,4-Dichloro-2-butene
Concen: 46.430 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 42698
Ion Ratio Lower Upper
75 100
53 109.3 90.5 135.7
89 45.5 36.9 55.3

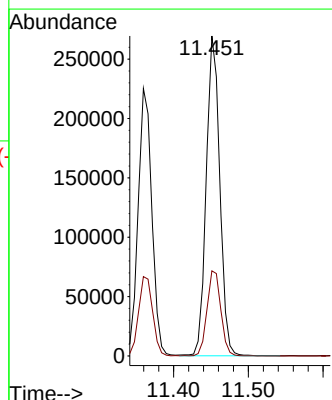
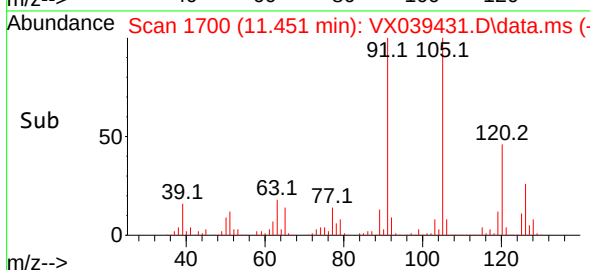
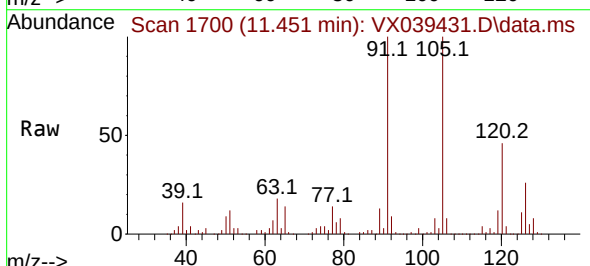
Manual Integrations
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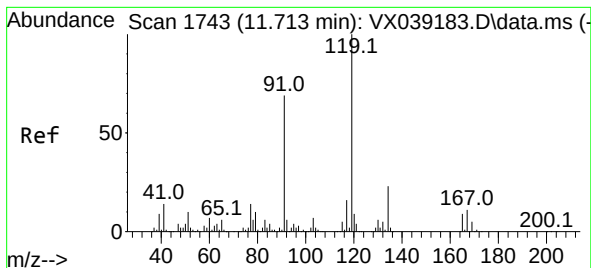
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#82
4-Chlorotoluene
Concen: 50.008 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Tgt Ion: 91 Resp: 338636
Ion Ratio Lower Upper
91 100
126 27.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.113 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

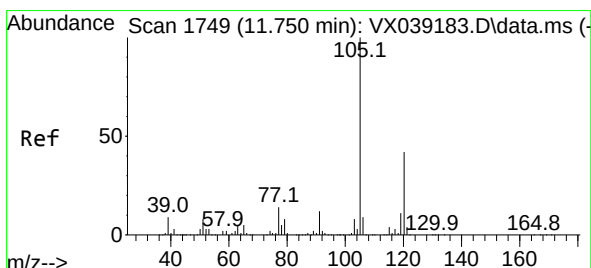
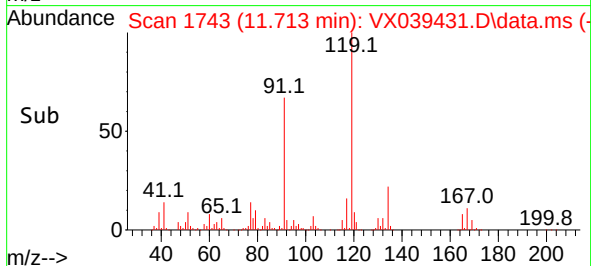
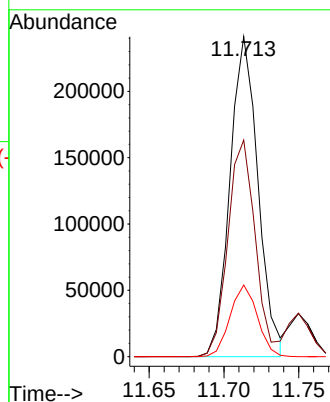
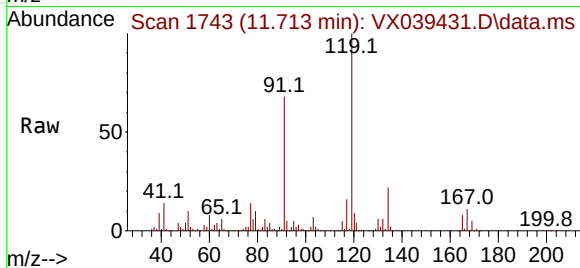
Tgt Ion:119 Resp: 31430
 Ion Ratio Lower Upper
 119 100
 91 66.5 31.2 93.6
 134 21.8 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.612 ug/l

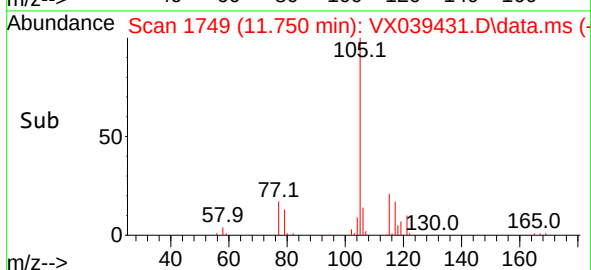
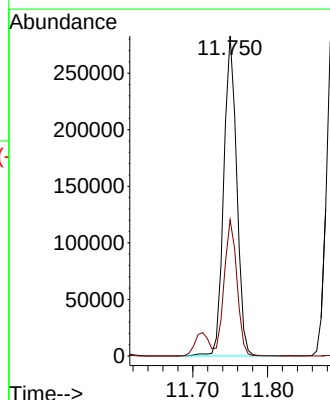
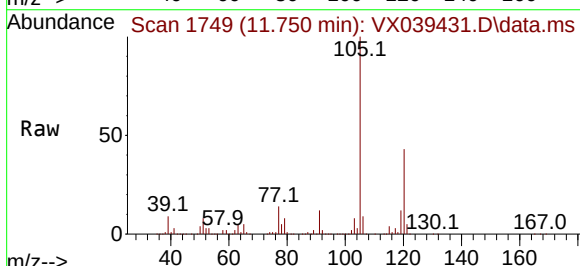
RT: 11.750 min Scan# 1749

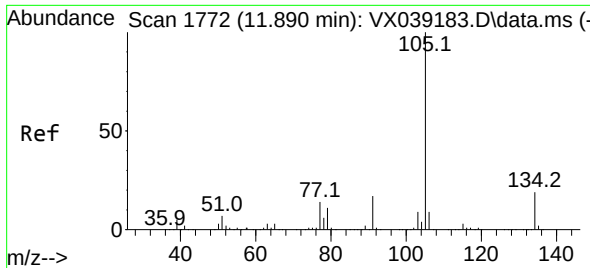
Delta R.T. 0.000 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

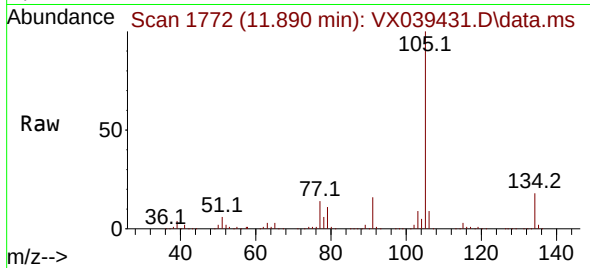
Tgt Ion:105 Resp: 342050
 Ion Ratio Lower Upper
 105 100
 120 42.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 50.893 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039431.D
 Acq: 22 Dec 2023 11:43

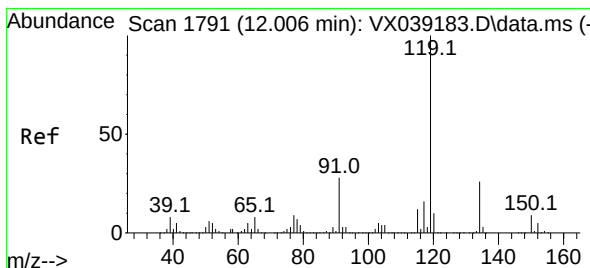
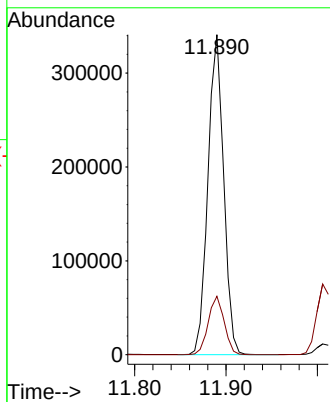
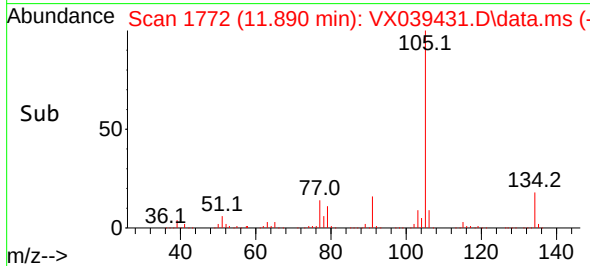
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



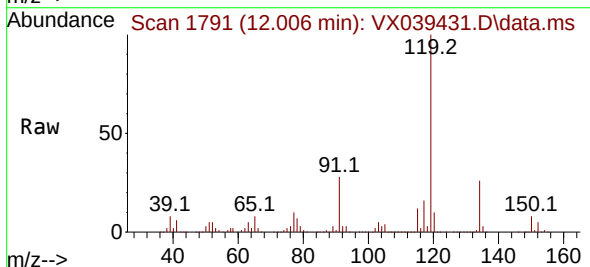
Tgt Ion:105 Resp: 406175
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.4

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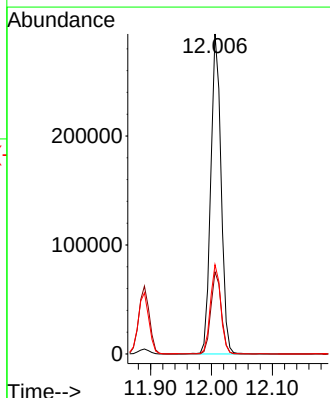
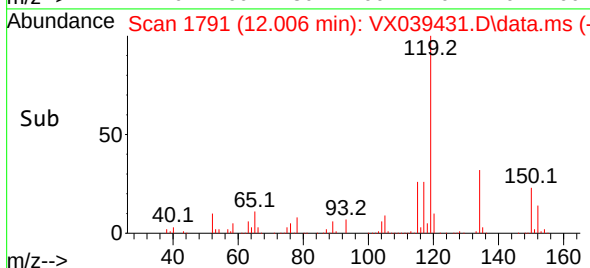
Reviewed By :John Carlone 12/27/2023
 Supervised By :Mahesh Dadoda 12/28/2023

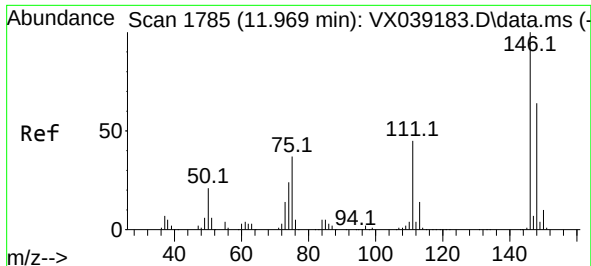


#86
 p-Isopropyltoluene
 Concen: 51.340 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039431.D
 Acq: 22 Dec 2023 11:43



Tgt Ion:119 Resp: 343868
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 28.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.413 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 166068

Ion Ratio Lower Upper

146 100

111 46.6 22.1 66.1

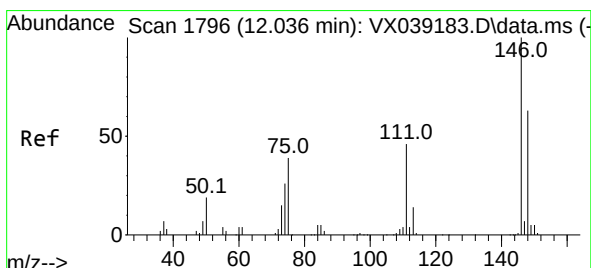
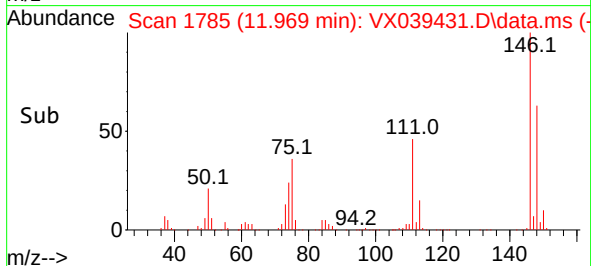
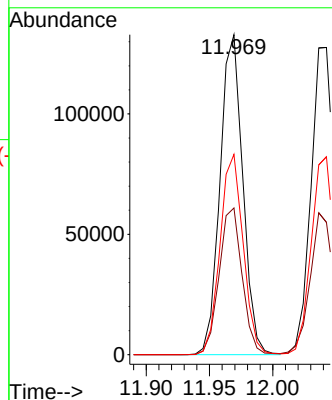
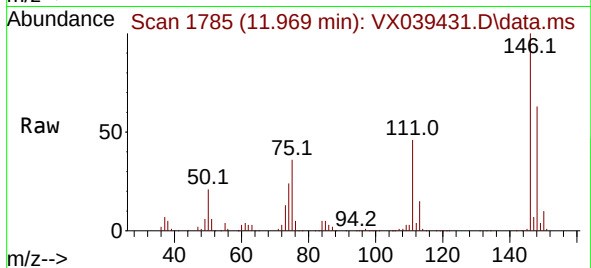
148 63.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#88

1,4-Dichlorobenzene

Concen: 47.914 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

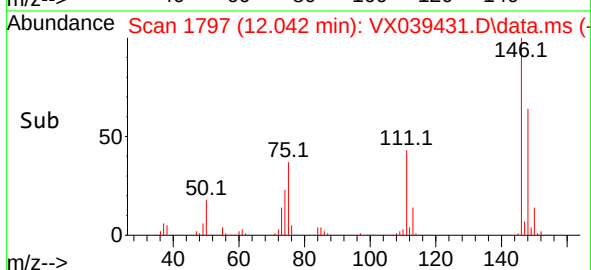
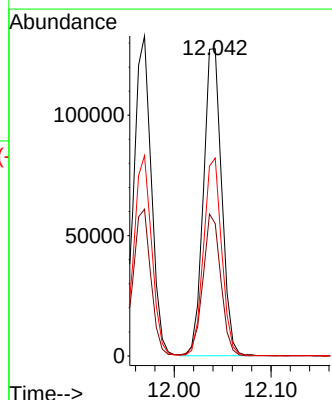
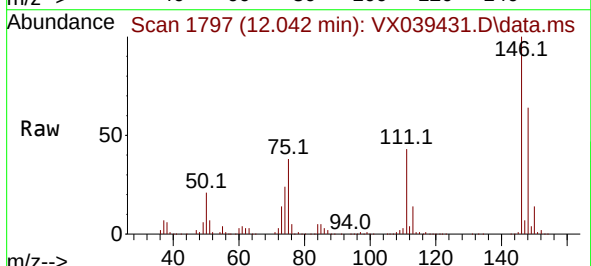
Tgt Ion:146 Resp: 167664

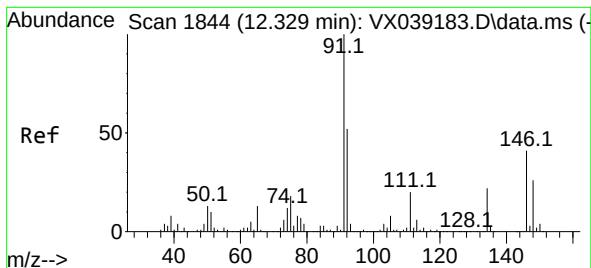
Ion Ratio Lower Upper

146 100

111 45.3 21.3 63.7

148 64.1 31.8 95.4





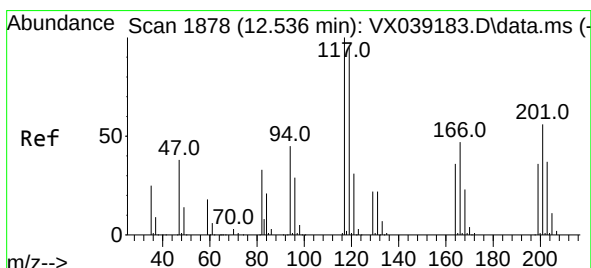
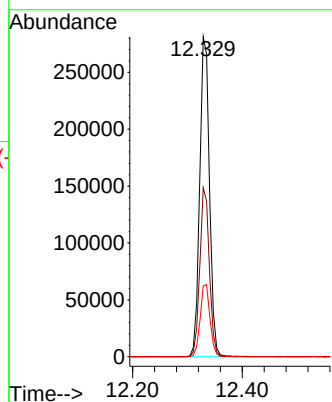
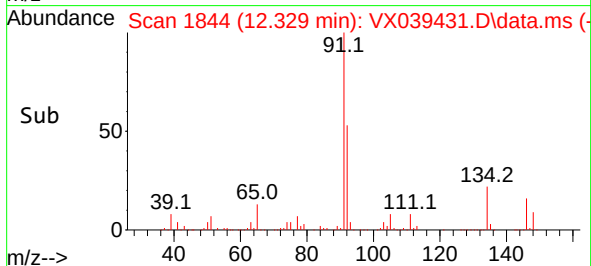
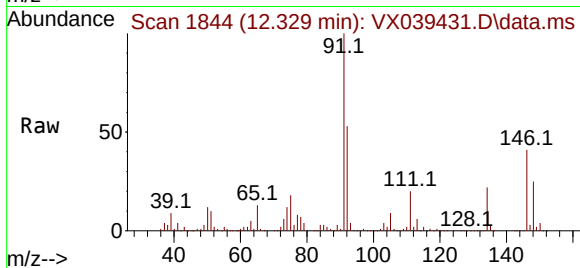
#89
n-Butylbenzene
Concen: 53.012 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 349044
Ion Ratio Lower Upper
91 100
92 51.7 27.4 82.0
134 22.7 12.6 37.8

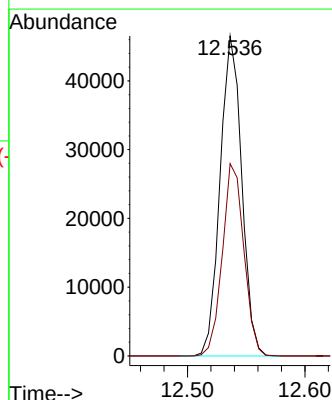
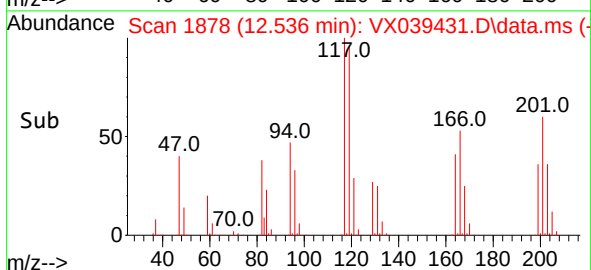
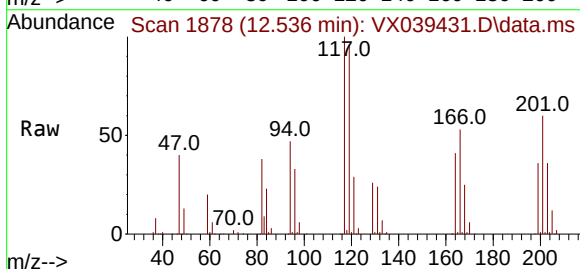
Manual Integrations
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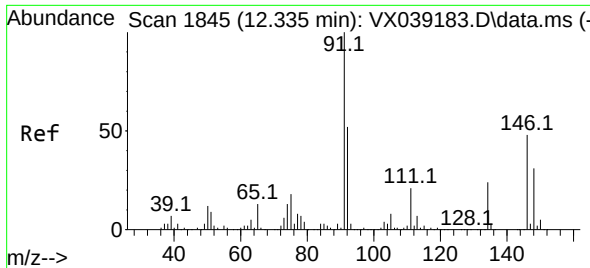
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#90
Hexachloroethane
Concen: 49.245 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

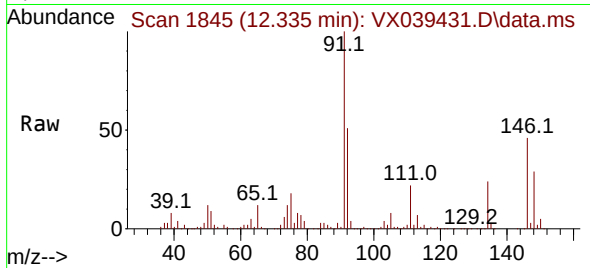
Tgt Ion:117 Resp: 59581
Ion Ratio Lower Upper
117 100
201 59.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.510 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

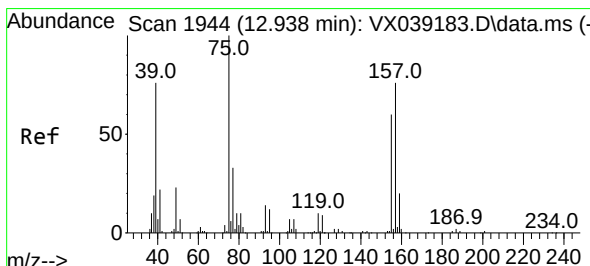
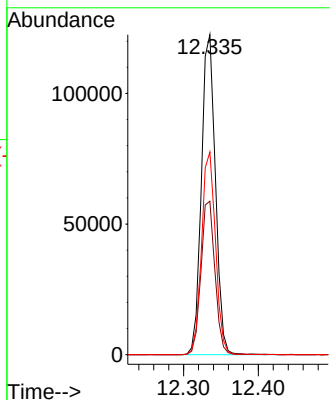
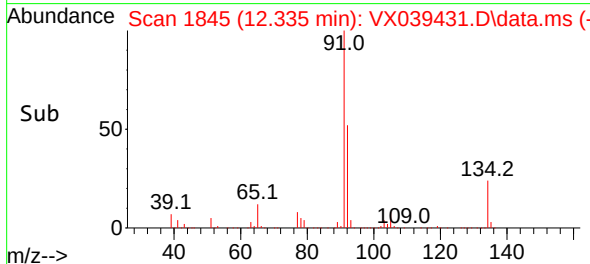
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



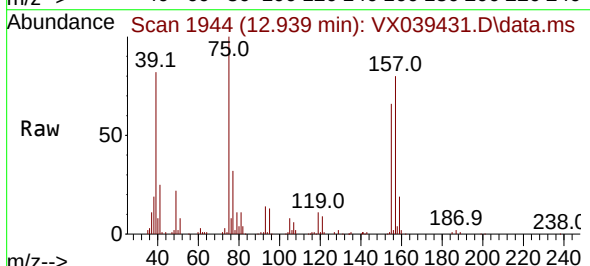
Tgt Ion:146 Resp: 159208
Ion Ratio Lower Upper
146 100
111 48.1 22.4 67.0
148 63.2 31.6 95.0

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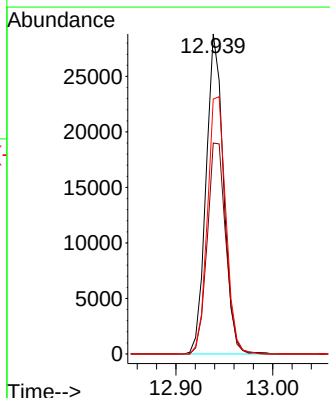
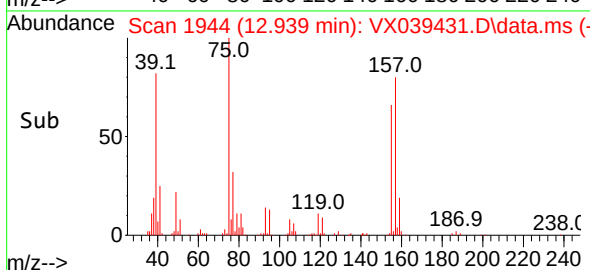
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

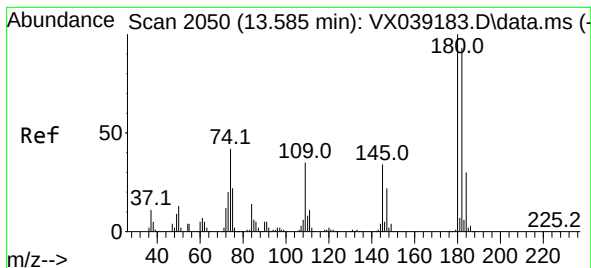


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.862 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43



Tgt Ion: 75 Resp: 36279
Ion Ratio Lower Upper
75 100
155 69.9 36.1 108.5
157 84.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.108 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 105509

Ion Ratio Lower Upper

180 100

182 94.6 48.3 144.8

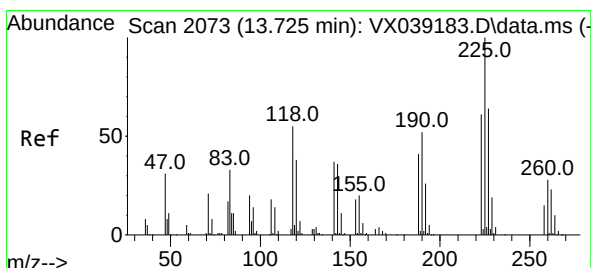
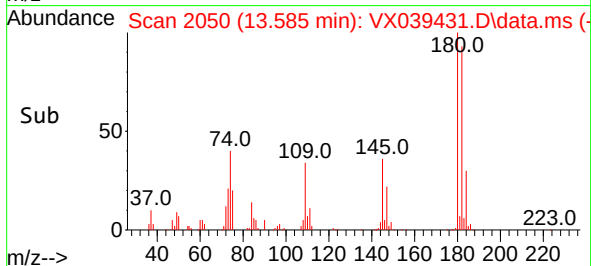
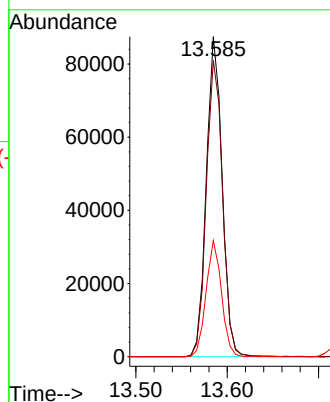
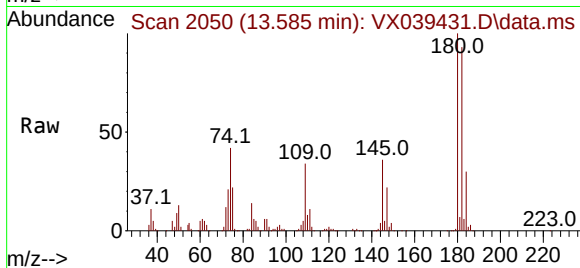
145 35.4 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#94

Hexachlorobutadiene

Concen: 48.917 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039431.D

Acq: 22 Dec 2023 11:43

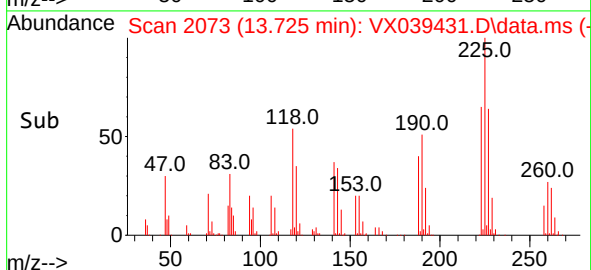
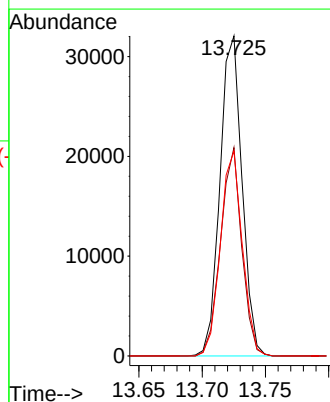
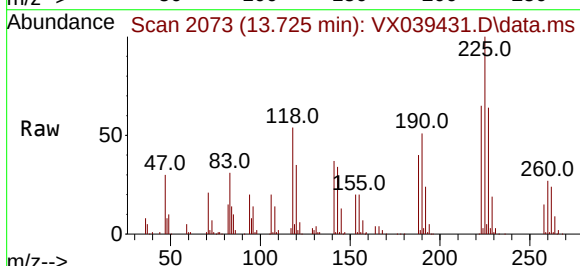
Tgt Ion:225 Resp: 38816

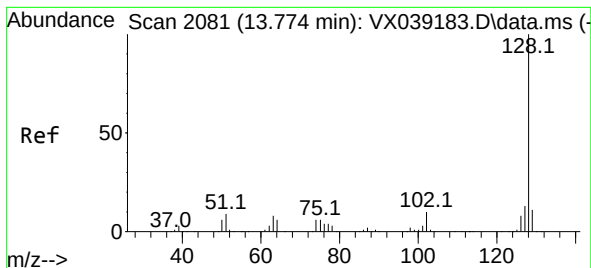
Ion Ratio Lower Upper

225 100

223 62.3 31.1 93.2

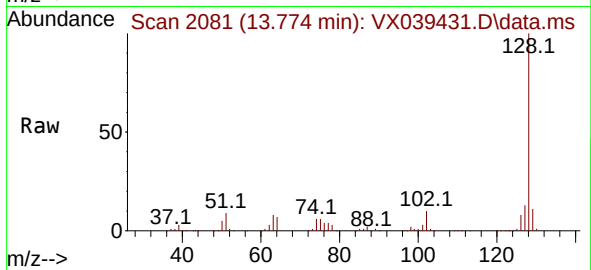
227 63.5 32.5 97.5





#95
Naphthalene
Concen: 51.081 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43

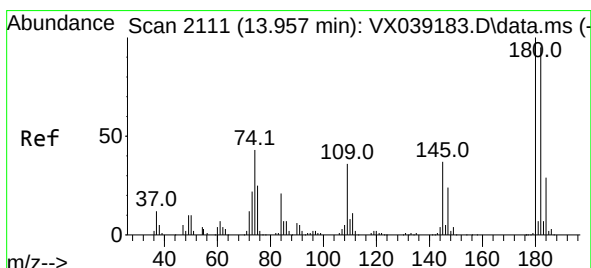
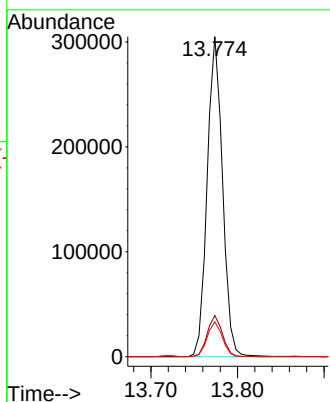
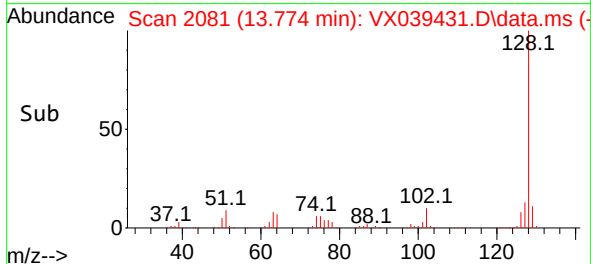
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



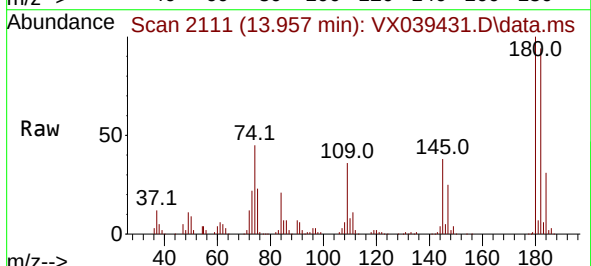
Tgt Ion:128 Resp: 374578
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 50.240 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039431.D
Acq: 22 Dec 2023 11:43



Tgt Ion:180 Resp: 102124
Ion Ratio Lower Upper
180 100
182 93.7 46.9 140.6
145 36.8 17.8 53.5

