

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039195.D
 Acq On : 14 Dec 2023 09:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2023
 Supervised By : Mahesh Dadoda 12/15/2023

Quant Time: Dec 15 02:55:03 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	138399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	246796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	226419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	118966	46.923	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.840%		
35) Dibromofluoromethane	5.379	113	84059	49.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.600%		
50) Toluene-d8	8.647	98	316616	50.020	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.040%		
62) 4-Bromofluorobenzene	11.079	95	129692	49.659	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	100504	51.679	ug/l	98
3) Chloromethane	1.294	50	104381	48.414	ug/l	98
4) Vinyl Chloride	1.374	62	98149	48.949	ug/l	100
5) Bromomethane	1.599	94	59130	51.257	ug/l	100
6) Chloroethane	1.685	64	54672	45.245	ug/l	97
7) Trichlorofluoromethane	1.886	101	143294	48.804	ug/l	99
8) Diethyl Ether	2.130	74	48412	47.641	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	87301	48.725	ug/l	95
10) Methyl Iodide	2.453	142	90124	48.664	ug/l	94
11) Tert butyl alcohol	2.953	59	145292	228.205	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	85045	47.785	ug/l	97
13) Acrolein	2.233	56	133998	263.820	ug/l	100
14) Allyl chloride	2.660	41	169417	46.990	ug/l	98
15) Acrylonitrile	3.056	53	300393	235.717	ug/l	99
16) Acetone	2.374	43	430251	297.555	ug/l	95
17) Carbon Disulfide	2.508	76	247297	47.482	ug/l	99
18) Methyl Acetate	2.697	43	250681	45.713	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	301740	46.879	ug/l	98
20) Methylene Chloride	2.788	84	96997	45.893	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	90630	46.798	ug/l	99
22) Diisopropyl ether	3.751	45	310571	47.322	ug/l	99
23) Vinyl Acetate	3.715	43	1201111	245.832	ug/l	99
24) 1,1-Dichloroethane	3.605	63	175511	47.309	ug/l	100
25) 2-Butanone	4.544	43	497078	227.201	ug/l	99
26) 2,2-Dichloropropane	4.471	77	155271	47.940	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	101794	47.622	ug/l	96
28) Bromochloromethane	4.891	49	87065	48.097	ug/l	92
29) Tetrahydrofuran	4.995	42	286595	237.204	ug/l	99
30) Chloroform	5.086	83	173263	46.734	ug/l	100
31) Cyclohexane	5.464	56	158443	48.384	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	152014	47.232	ug/l	98
36) 1,1-Dichloropropene	5.690	75	131163	48.750	ug/l	99
37) Ethyl Acetate	4.702	43	162990	49.034	ug/l	99
38) Carbon Tetrachloride	5.672	117	126620	49.314	ug/l	100
39) Methylcyclohexane	7.373	83	160779	49.749	ug/l	98
40) Benzene	6.031	78	371249	48.779	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	86122	48.560	ug/l	96
42) 1,2-Dichloroethane	6.080	62	148712	48.271	ug/l	99
43) Isopropyl Acetate	6.330	43	260947	48.276	ug/l	99
44) Trichloroethene	7.123	130	90984	47.374	ug/l	92
45) 1,2-Dichloropropane	7.428	63	101072	49.482	ug/l	100
46) Dibromomethane	7.574	93	69116	48.136	ug/l	96
47) Bromodichloromethane	7.818	83	139033	50.642	ug/l	98
48) Methyl methacrylate	7.690	41	156118	49.404	ug/l	95
49) 1,4-Dioxane	7.653	88	47465	1114.310	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	837171	243.083	ug/l	99
52) Toluene	8.714	92	223923	48.747	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	155017	51.287	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	162200	49.874	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	93224	48.611	ug/l	92
56) Ethyl methacrylate	9.110	69	121545	51.917	ug/l	98
57) 1,3-Dichloropropane	9.305	76	162112	48.897	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	300593	218.664	ug/l	94
59) 2-Hexanone	9.427	43	712835	239.827	ug/l	99
60) Dibromochloromethane	9.519	129	97950	50.503	ug/l	99
61) 1,2-Dibromoethane	9.604	107	99245	48.477	ug/l	100
64) Tetrachloroethene	9.269	164	72044	48.693	ug/l	93
65) Chlorobenzene	10.073	112	234768	47.504	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	86917	49.790	ug/l	99
67) Ethyl Benzene	10.189	91	453290	49.274	ug/l	96
68) m/p-Xylenes	10.299	106	321662	97.521	ug/l	92
69) o-Xylene	10.640	106	156309	49.014	ug/l	94
70) Styrene	10.653	104	232497	49.868	ug/l	95
71) Bromoform	10.799	173	66812	51.491	ug/l #	99
73) Isopropylbenzene	10.957	105	427575	48.578	ug/l	100
74) N-amyl acetate	10.842	43	223087	50.094	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	154620	47.222	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	140775m	47.696	ug/l	
77) Bromobenzene	11.195	156	91390	46.953	ug/l	87
78) n-propylbenzene	11.305	91	532322	49.086	ug/l	96
79) 2-Chlorotoluene	11.360	91	313134	47.736	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	368348	49.124	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	50995	48.740	ug/l	94
82) 4-Chlorotoluene	11.451	91	369335	47.937	ug/l	97
83) tert-Butylbenzene	11.713	119	349152	48.927	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	373609	48.587	ug/l	99
85) sec-Butylbenzene	11.890	105	444410	48.940	ug/l	97
86) p-Isopropyltoluene	12.006	119	374690	49.167	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	181840	47.554	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	183418	46.068	ug/l	98
89) n-Butylbenzene	12.329	91	380166	50.746	ug/l	97
90) Hexachloroethane	12.536	117	71077	51.632	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	172144	47.050	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43378	50.297	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	117413	49.008	ug/l	98
94) Hexachlorobutadiene	13.725	225	43340	48.003	ug/l	98
95) Naphthalene	13.774	128	406634	48.737	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	112051	48.448	ug/l	99

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

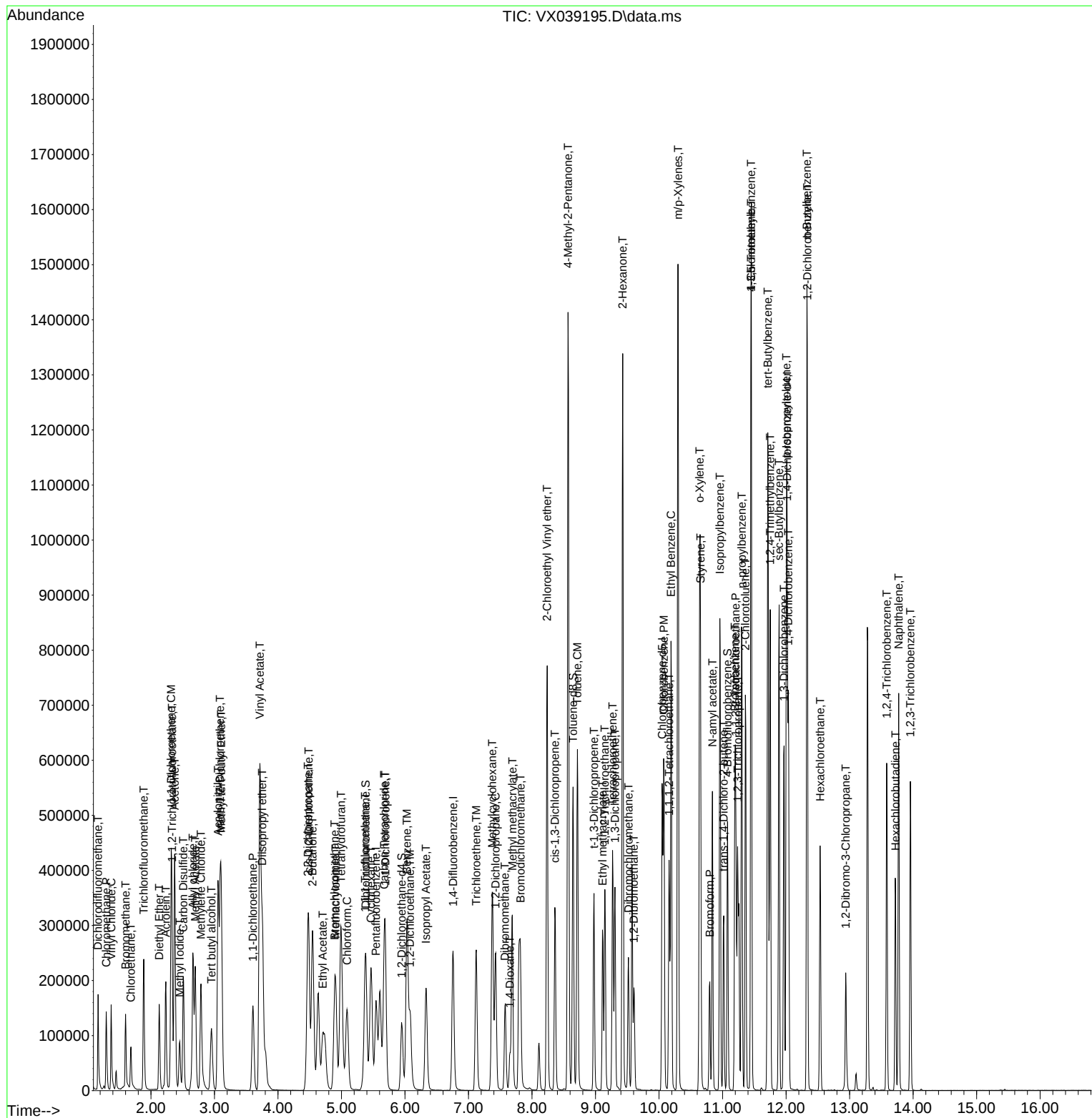
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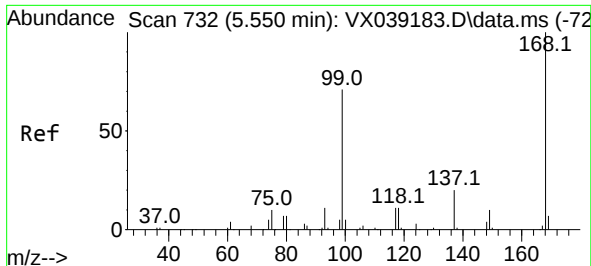
Instrument :
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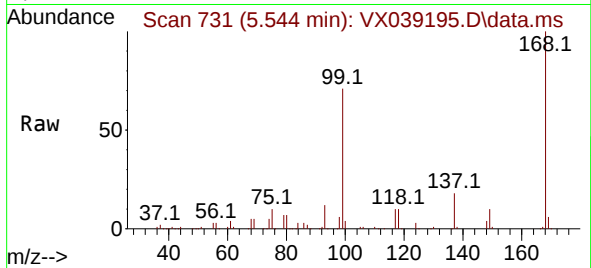
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039195.D
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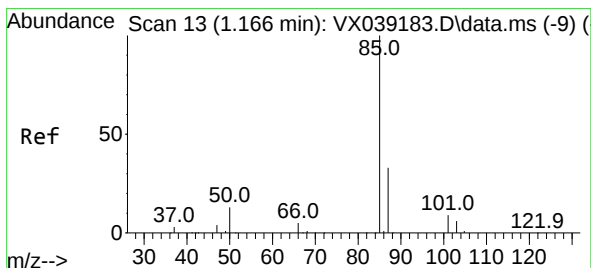
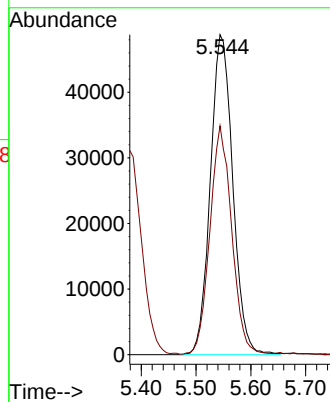
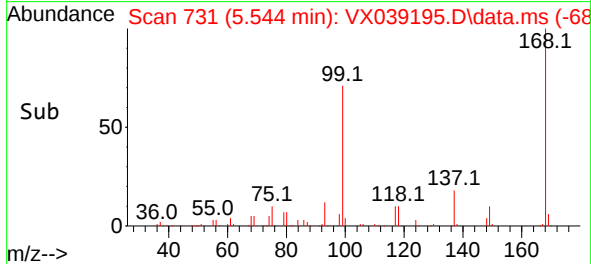
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 138399
Ion Ratio Lower Upper
168 100
99 71.3 56.6 85.0

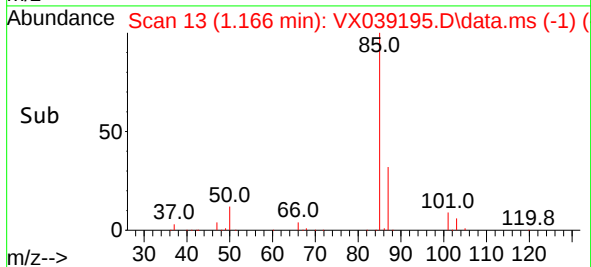
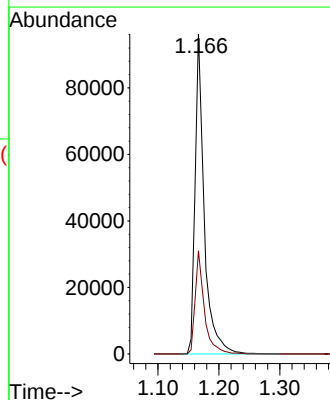
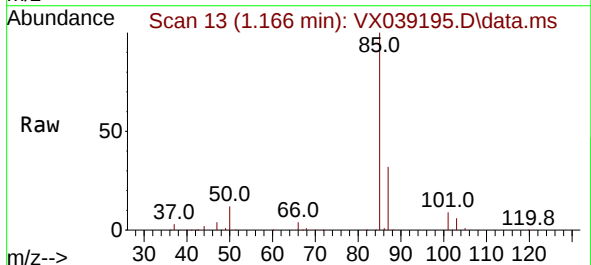
Manual Integrations
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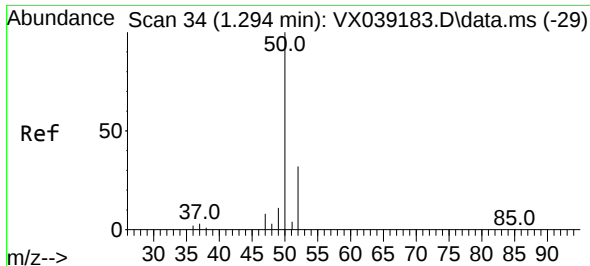
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#2
Dichlorodifluoromethane
Concen: 51.679 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

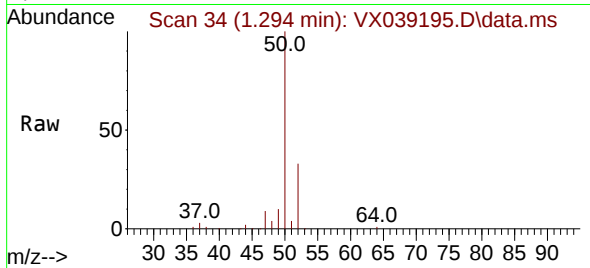
Tgt Ion: 85 Resp: 100504
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.1





#3
Chloromethane
Concen: 48.414 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

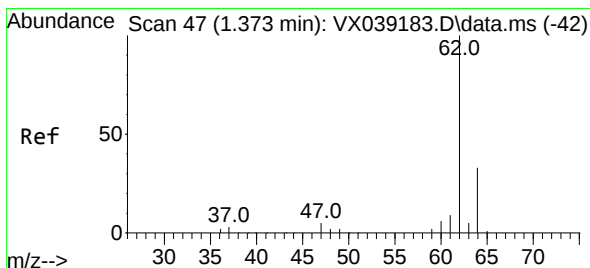
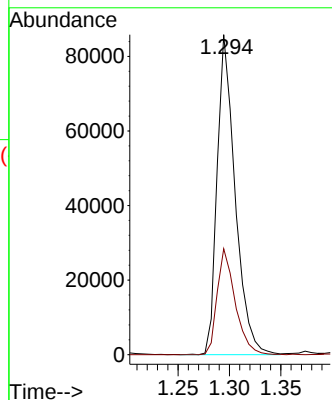
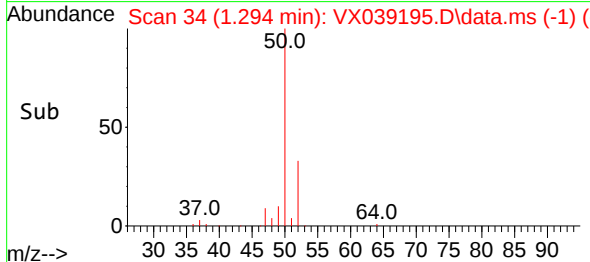
Instrument :
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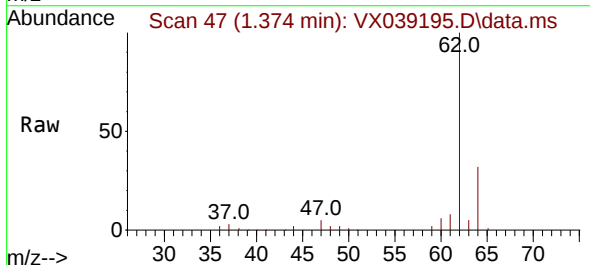
Tgt Ion: 50 Resp: 10438
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3

Manual Integrations
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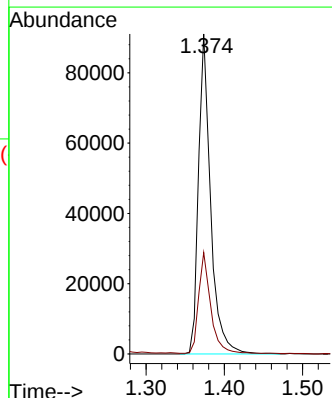
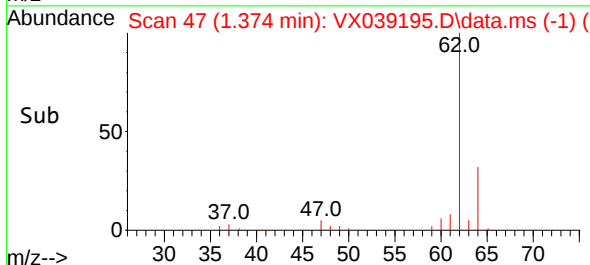
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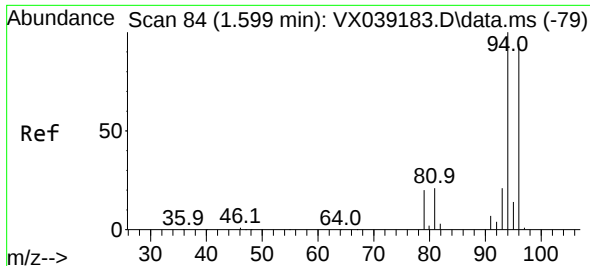


#4
Vinyl Chloride
Concen: 48.949 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41



Tgt Ion: 62 Resp: 98149
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





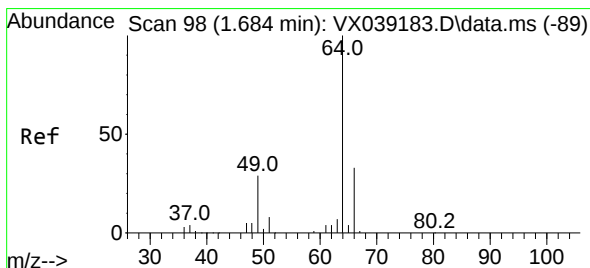
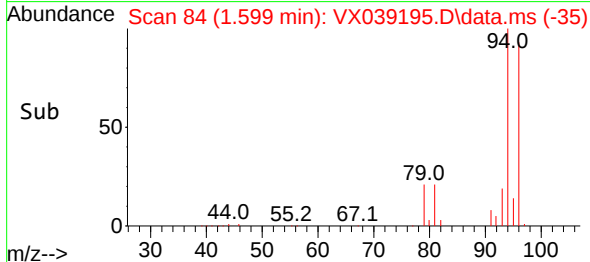
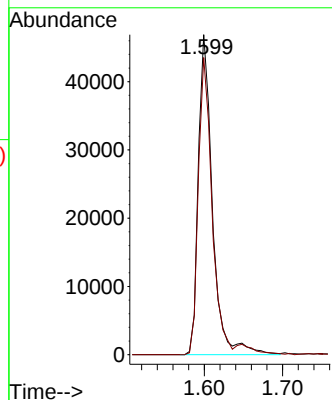
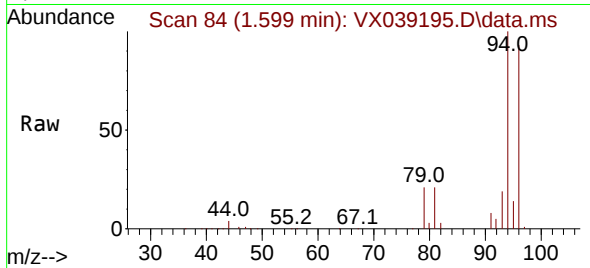
#5
Bromomethane
Concen: 51.257 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 59130
Ion Ratio Lower Upper
94 100
96 92.9 74.6 111.8

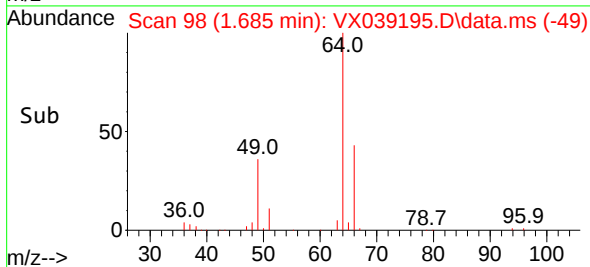
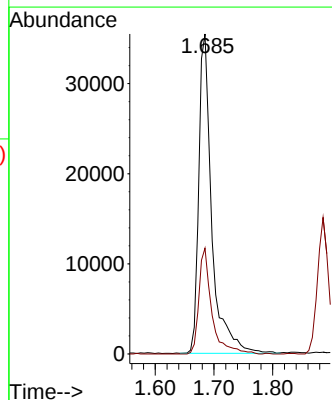
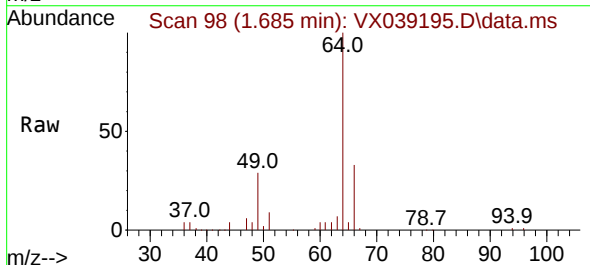
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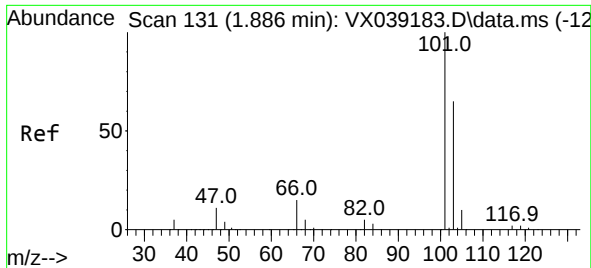
Reviewed By :John Carlone 12/15/2023
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#6
Chloroethane
Concen: 45.245 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Tgt Ion: 64 Resp: 54672
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7





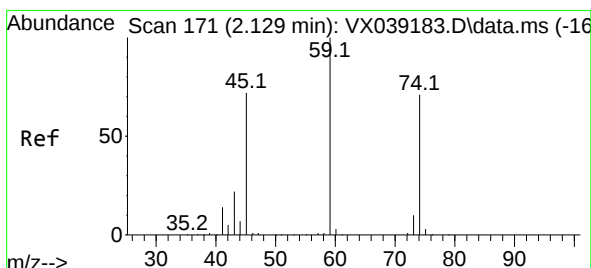
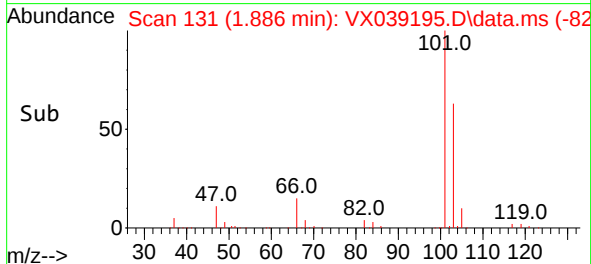
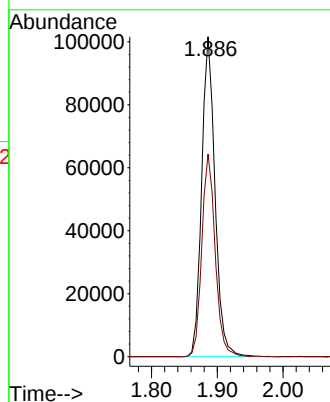
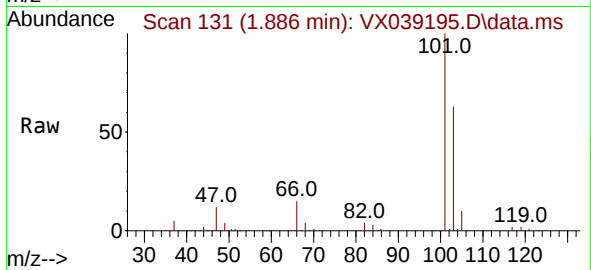
#7
Trichlorofluoromethane
Concen: 48.804 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :
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Tgt Ion:101 Resp: 143294
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2

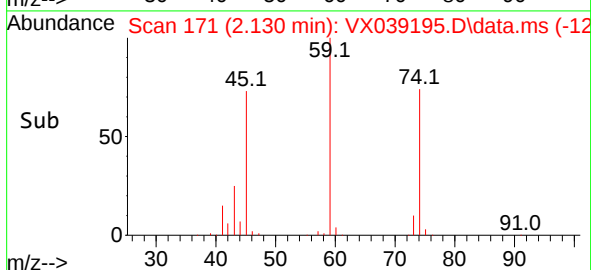
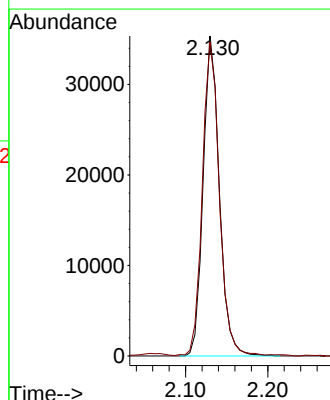
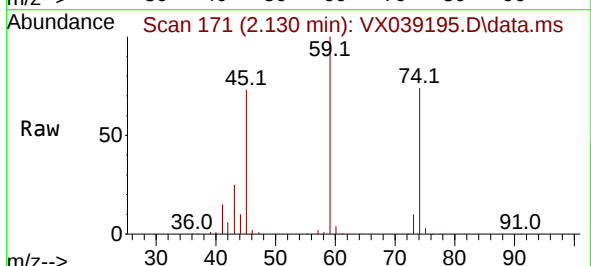
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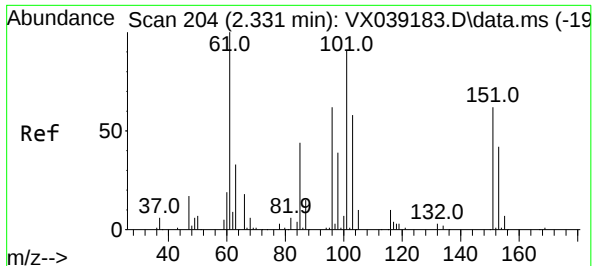
Reviewed By :John Carlone 12/15/2023
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#8
Diethyl Ether
Concen: 47.641 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Tgt Ion: 74 Resp: 48412
Ion Ratio Lower Upper
74 100
45 102.3 53.3 159.8





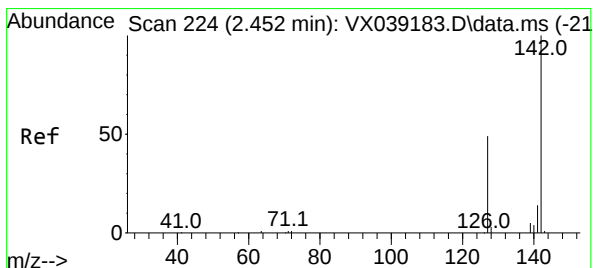
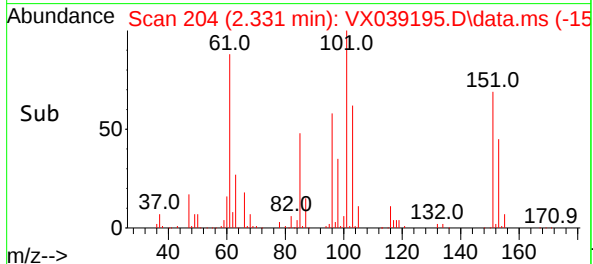
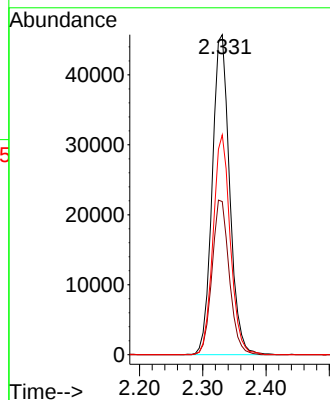
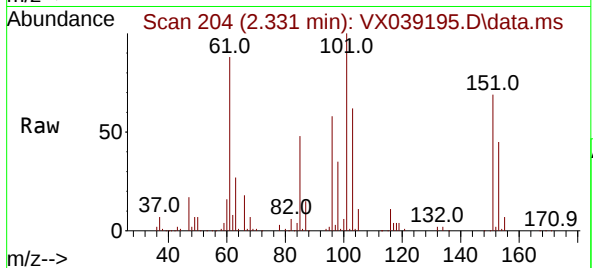
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.725 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8730
Ion Ratio Lower Upper
101 100
85 47.8 37.0 55.6
151 67.8 58.6 87.8

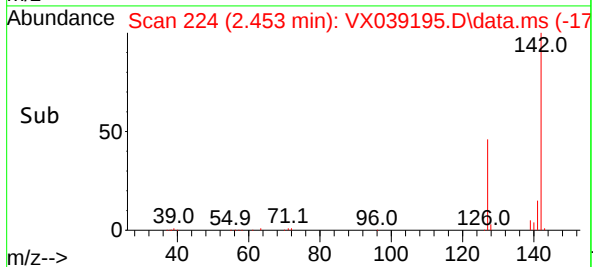
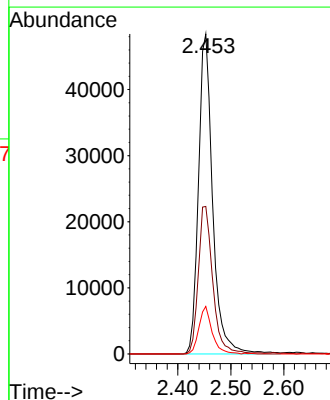
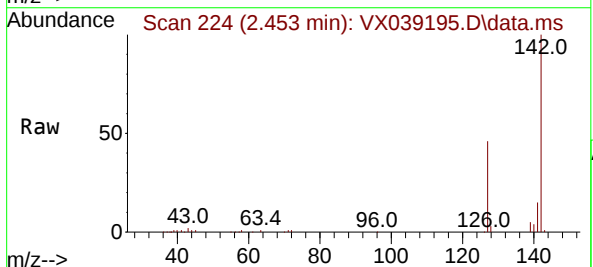
Manual Integrations
APPROVED

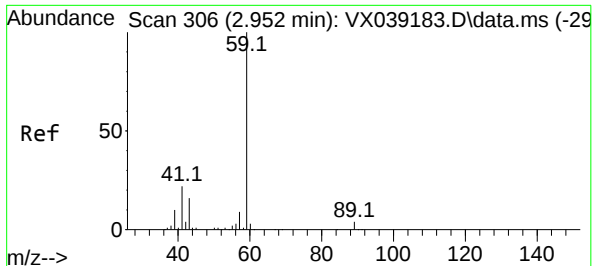
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#10
Methyl Iodide
Concen: 48.664 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

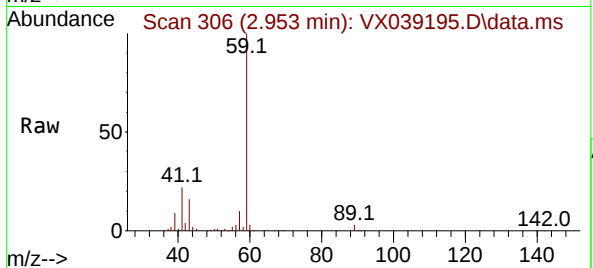
Tgt Ion:142 Resp: 90124
Ion Ratio Lower Upper
142 100
127 46.9 41.6 62.4
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 228.205 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

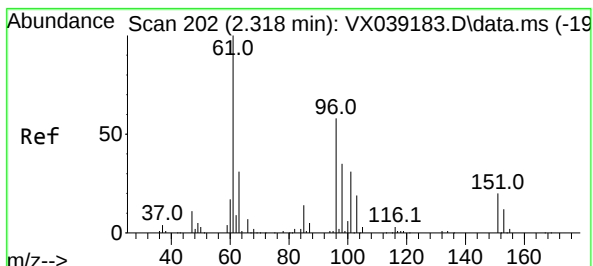
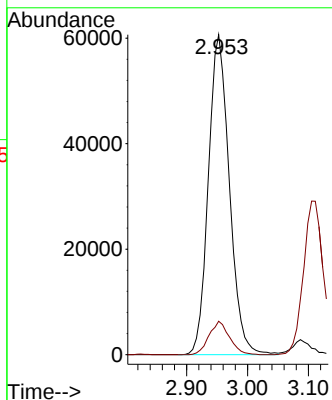
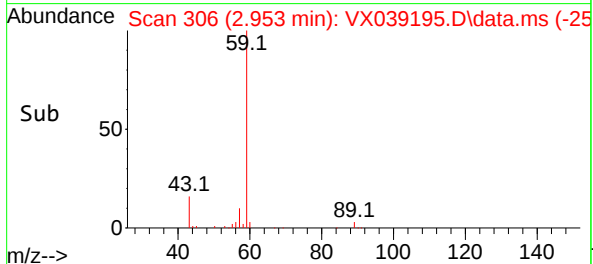
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



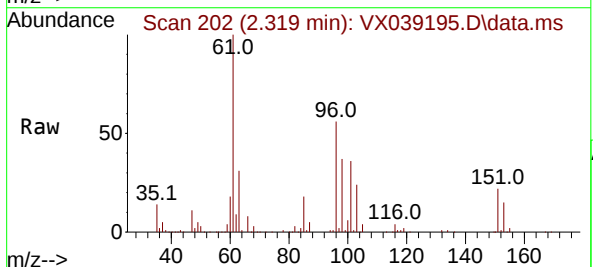
Tgt Ion: 59 Resp: 145292
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

Manual Integrations
APPROVED

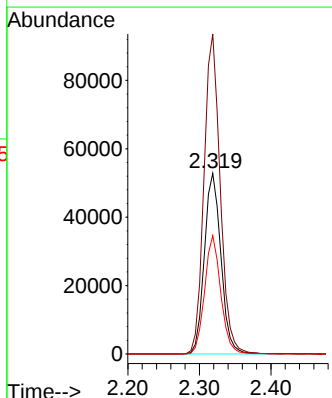
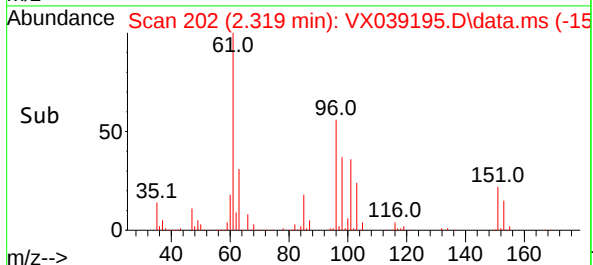
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

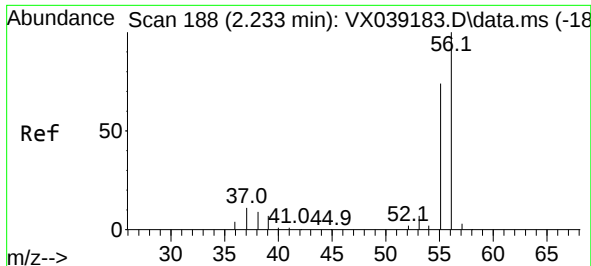


#12
1,1-Dichloroethene
Concen: 47.785 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41



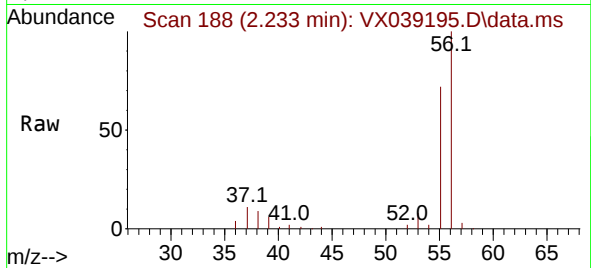
Tgt Ion: 96 Resp: 85045
Ion Ratio Lower Upper
96 100
61 177.1 144.6 216.8
98 65.6 50.4 75.6





#13
Acrolein
Concen: 263.820 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

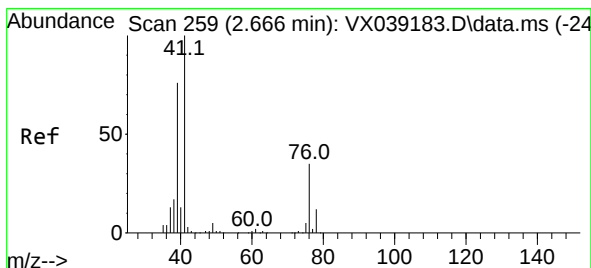
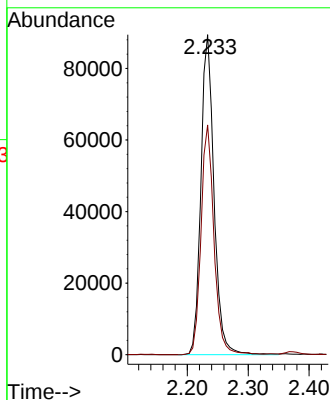
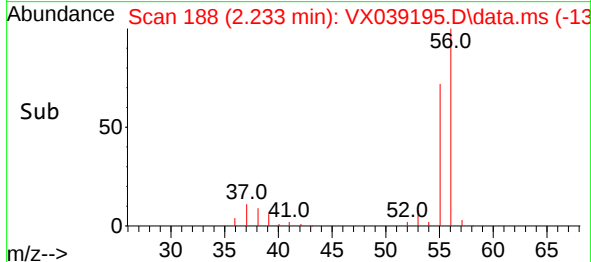
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 133998
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7

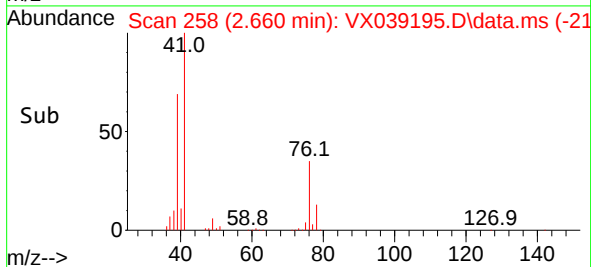
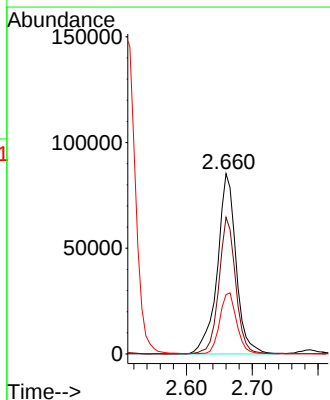
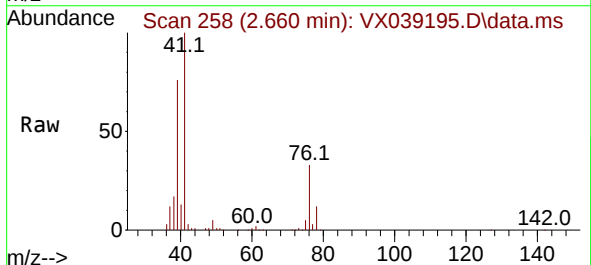
Manual Integrations
APPROVED

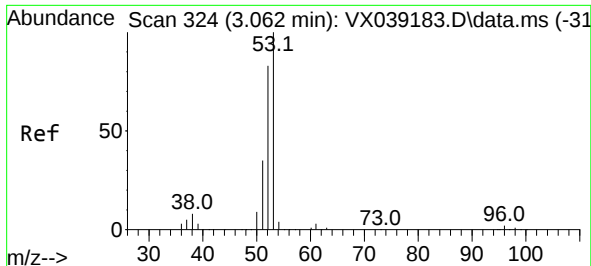
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#14
Allyl chloride
Concen: 46.990 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

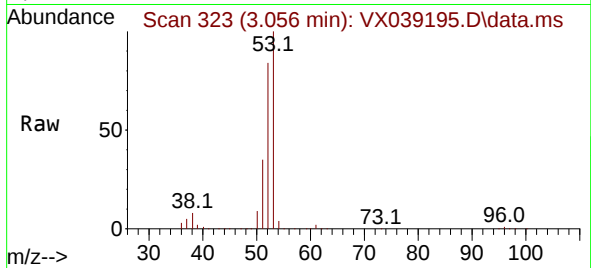
Tgt Ion: 41 Resp: 169417
Ion Ratio Lower Upper
41 100
39 67.7 55.8 83.6
76 30.3 24.3 36.5





#15
Acrylonitrile
Concen: 235.717 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

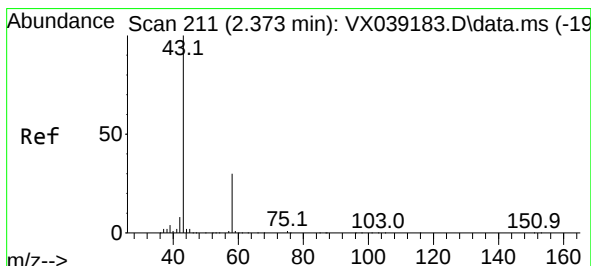
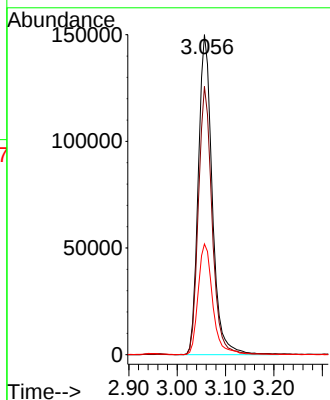
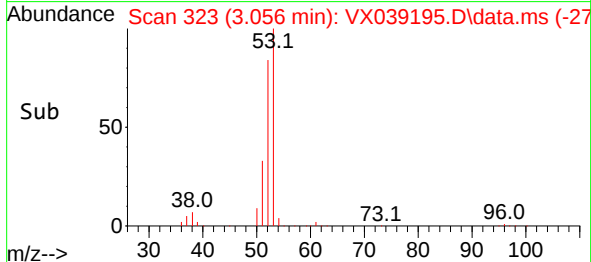
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 30039
Ion Ratio Lower Upper
53 100
52 82.1 66.0 99.0
51 36.0 29.8 44.6

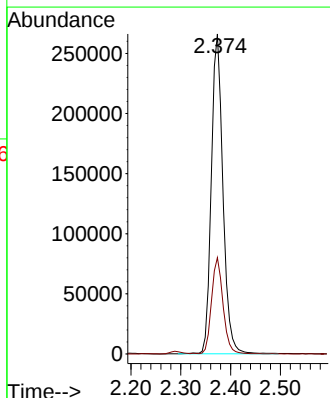
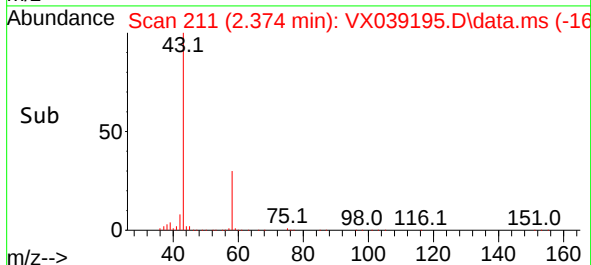
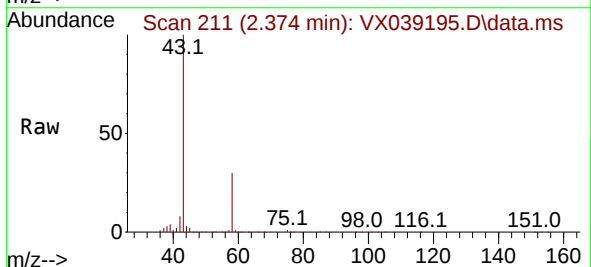
Manual Integrations
APPROVED

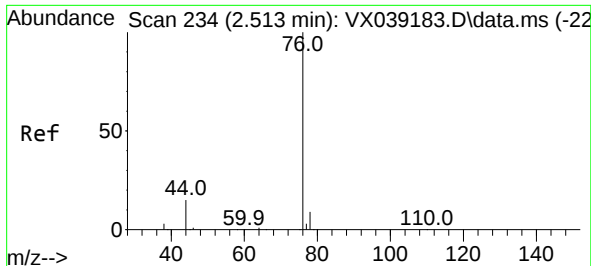
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#16
Acetone
Concen: 297.555 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Tgt Ion: 43 Resp: 430251
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9





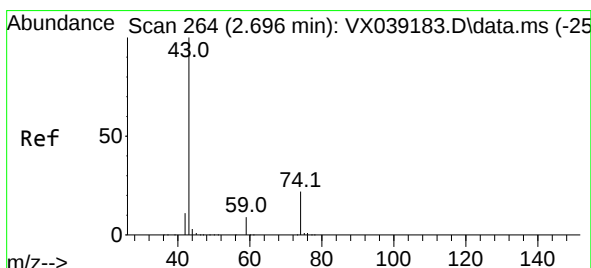
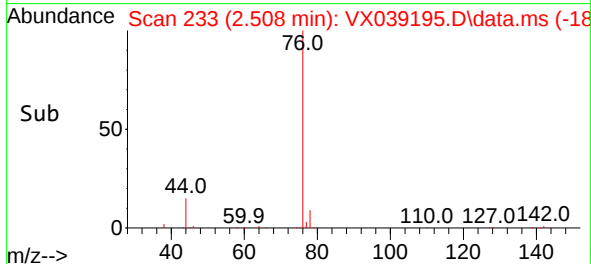
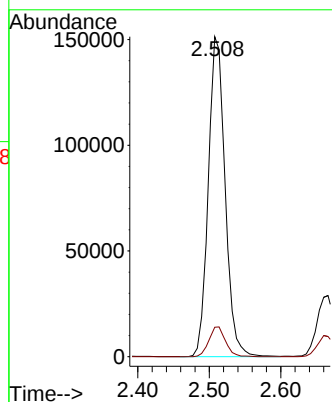
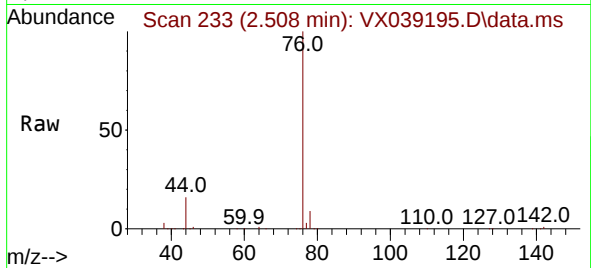
#17
Carbon Disulfide
Concen: 47.482 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 24729
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

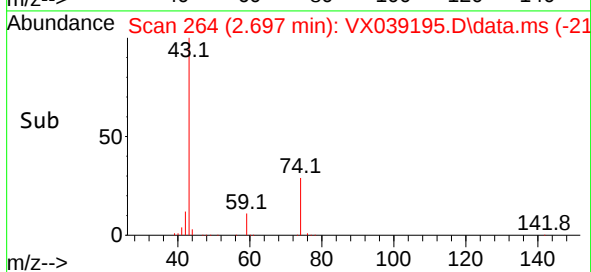
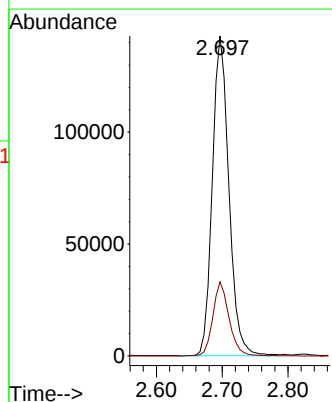
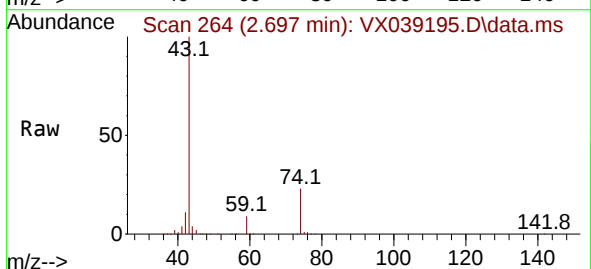
Manual Integrations
APPROVED

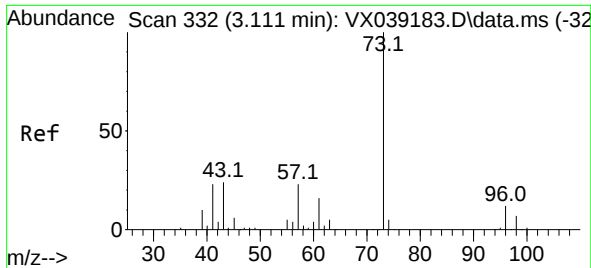
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#18
Methyl Acetate
Concen: 45.713 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Tgt Ion: 43 Resp: 250681
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.8





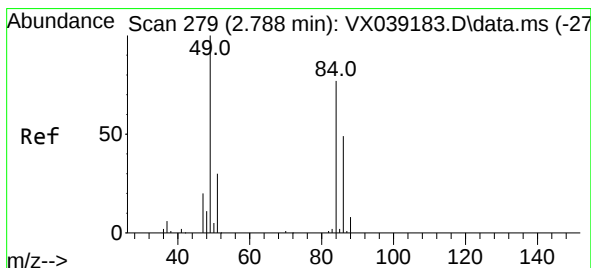
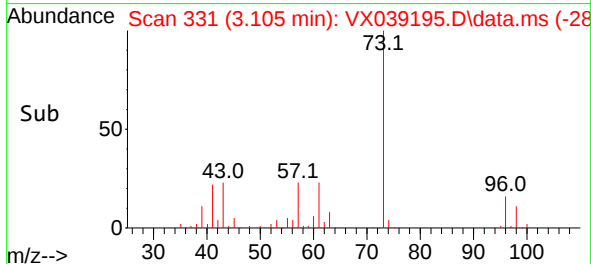
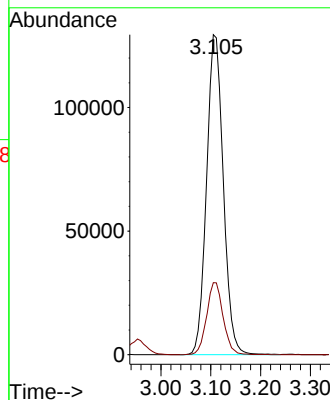
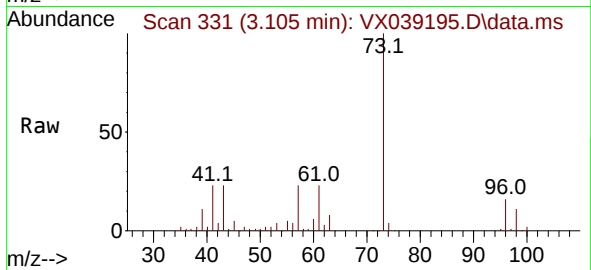
#19
Methyl tert-butyl Ether
Concen: 46.879 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 301740
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

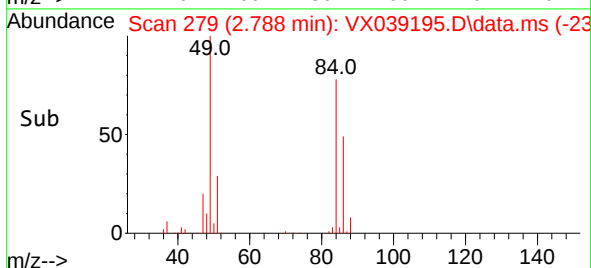
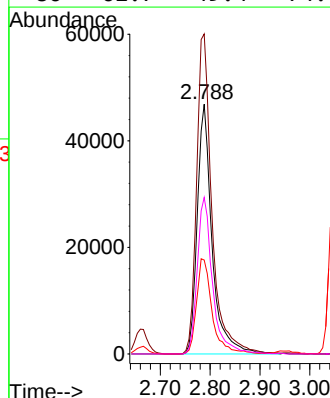
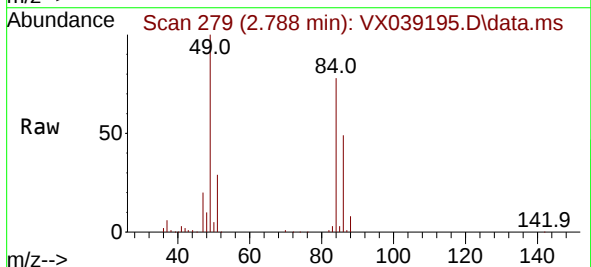
Manual Integrations
APPROVED

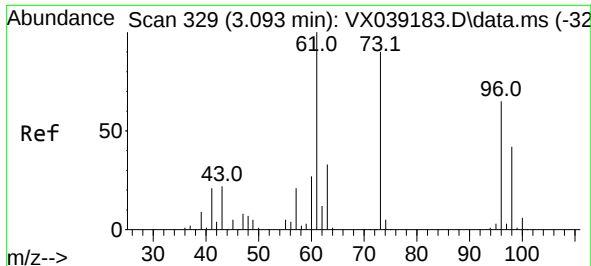
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#20
Methylene Chloride
Concen: 45.893 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Tgt Ion: 84 Resp: 96997
Ion Ratio Lower Upper
84 100
49 128.1 103.6 155.4
51 37.6 33.8 50.6
86 62.7 49.4 74.0





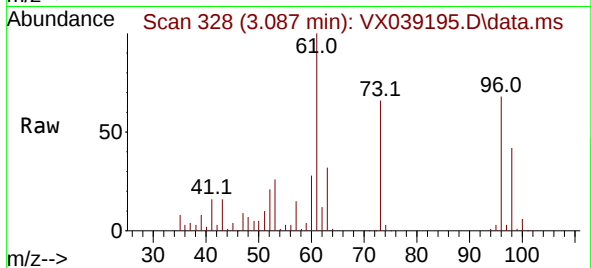
#21
trans-1,2-Dichloroethene
Concen: 46.798 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



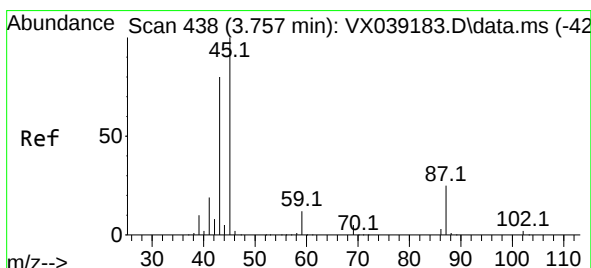
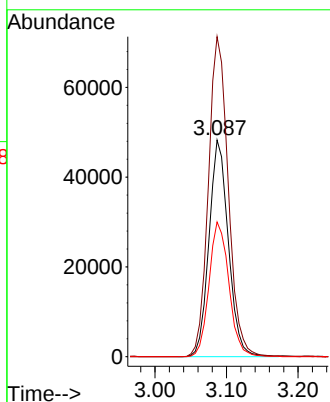
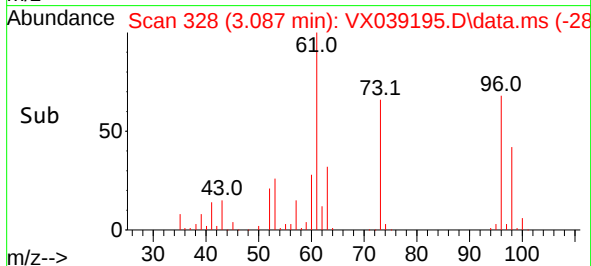
Tgt Ion: 96 Resp: 90630
Ion Ratio Lower Upper
96 100
61 147.7 119.2 178.8
98 62.2 48.7 73.1

Manual Integrations

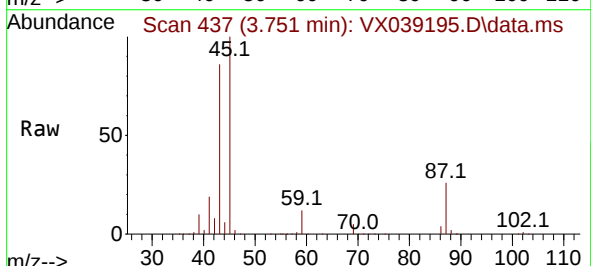
APPROVED

Reviewed By :John Carlone 12/15/2023

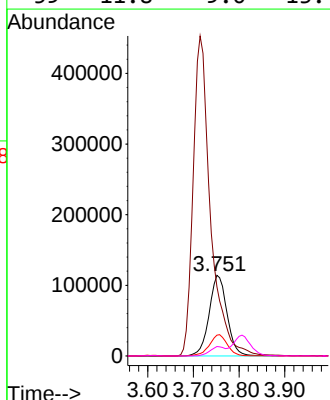
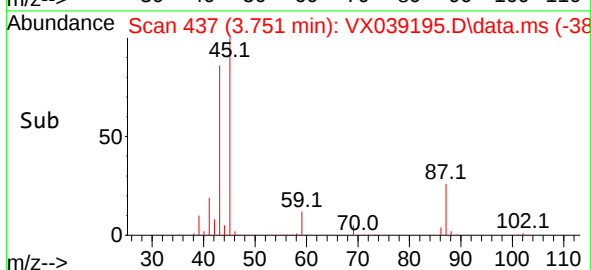
Supervised By :Mahesh Dadoda 12/15/2023

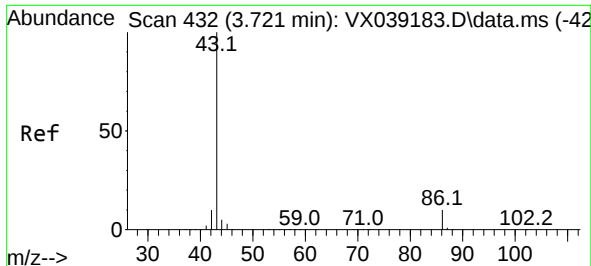


#22
Diisopropyl ether
Concen: 47.322 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41



Tgt Ion: 45 Resp: 310571
Ion Ratio Lower Upper
45 100
43 85.7 69.7 104.5
87 25.9 20.8 31.2
59 11.8 9.0 13.4





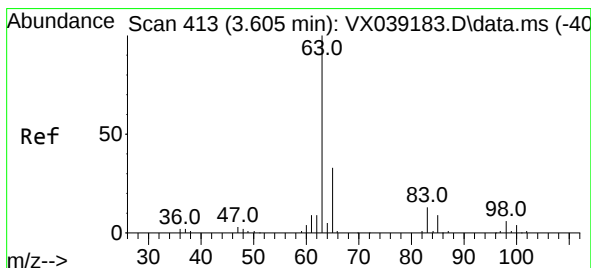
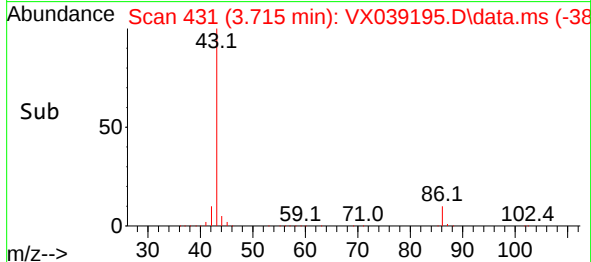
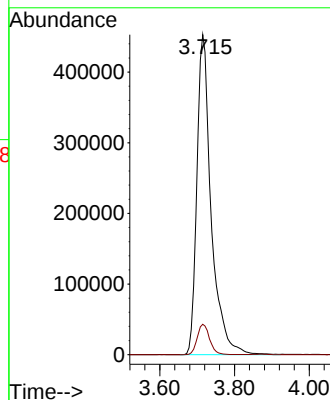
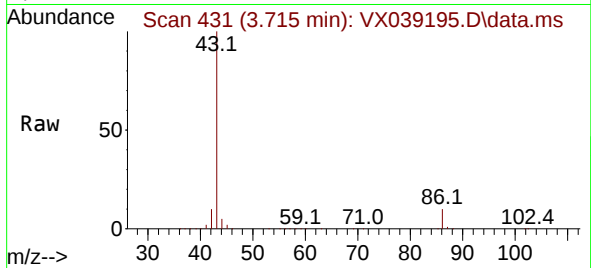
#23
 Vinyl Acetate
 Concen: 245.832 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX039195.D
 Acq: 14 Dec 2023 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 120111
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

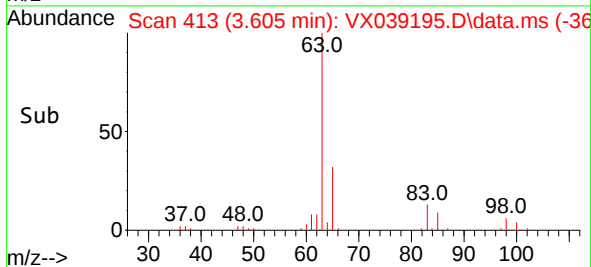
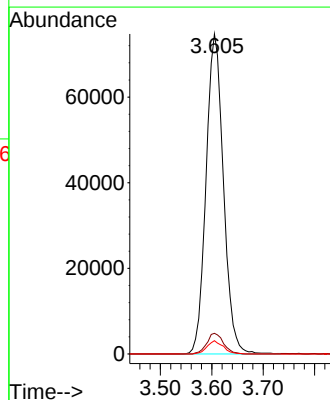
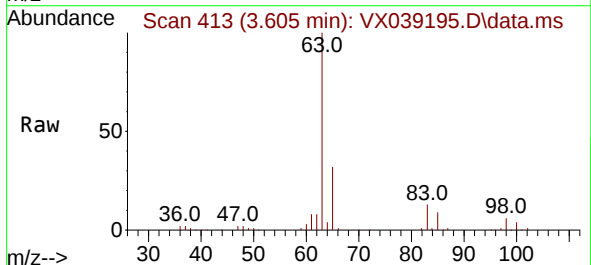
Manual Integrations
 APPROVED

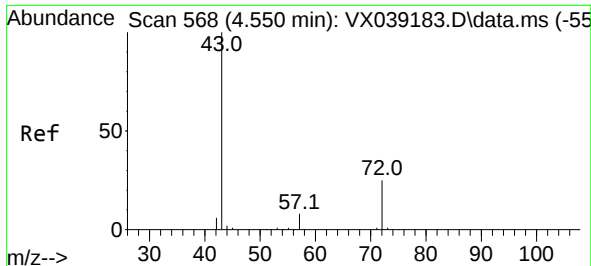
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#24
 1,1-Dichloroethane
 Concen: 47.309 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039195.D
 Acq: 14 Dec 2023 09:41

Tgt Ion: 63 Resp: 175511
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.1 2.1 6.5





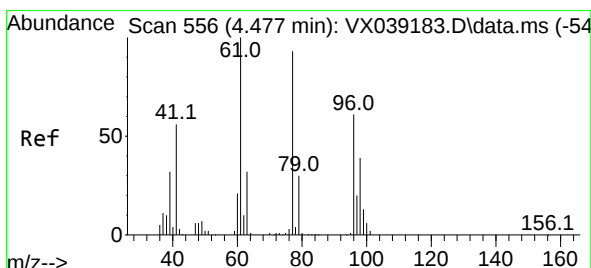
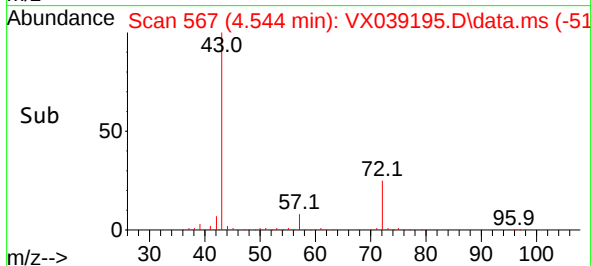
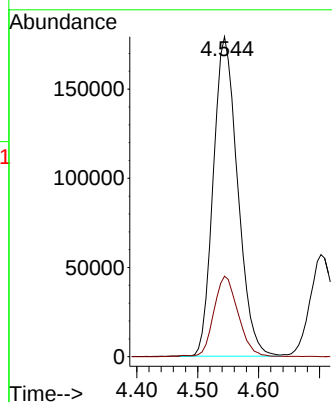
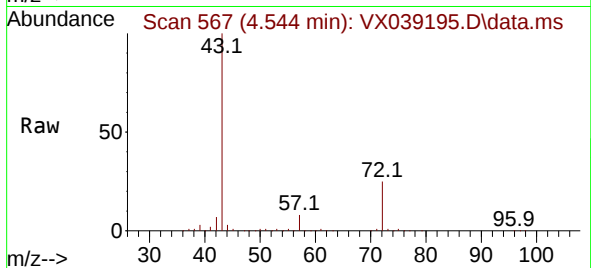
#25
2-Butanone
Concen: 227.201 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 497078
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2

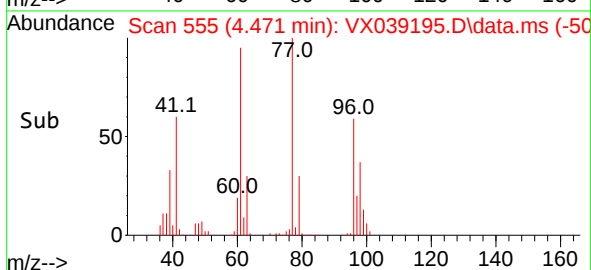
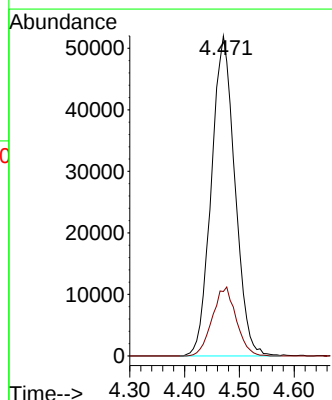
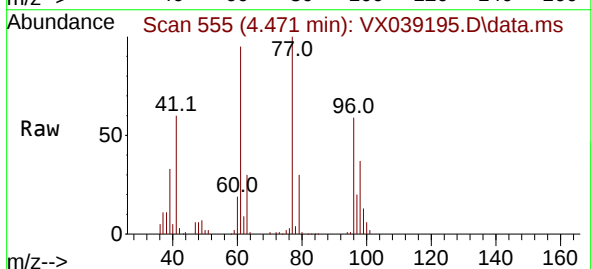
Manual Integrations
APPROVED

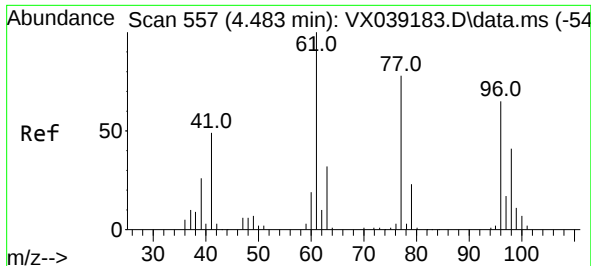
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#26
2,2-Dichloropropane
Concen: 47.940 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

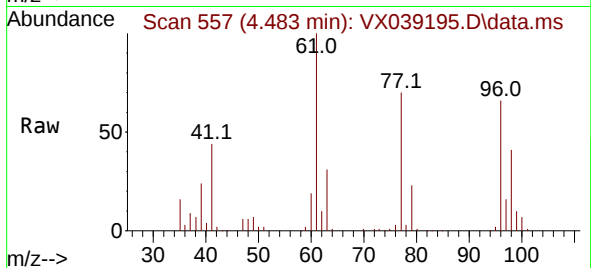
Tgt Ion: 77 Resp: 155271
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 47.622 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX039195.D
 Acq: 14 Dec 2023 09:41

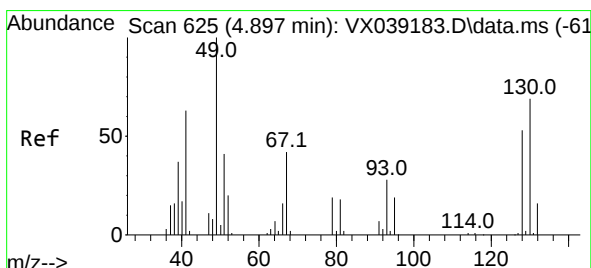
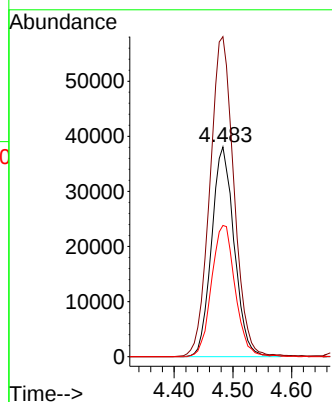
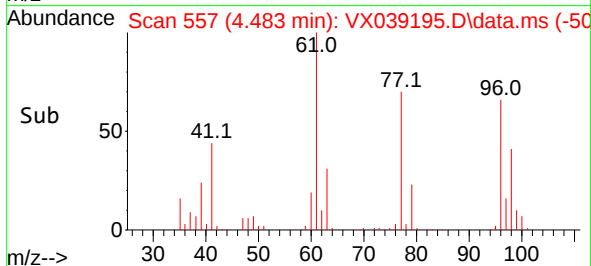
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 101794
 Ion Ratio Lower Upper
 96 100
 61 162.6 0.0 312.2
 98 65.1 0.0 129.0

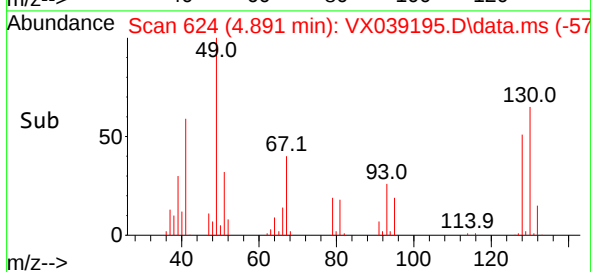
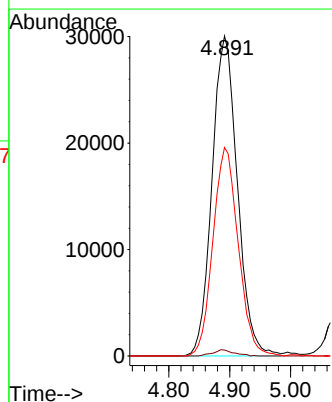
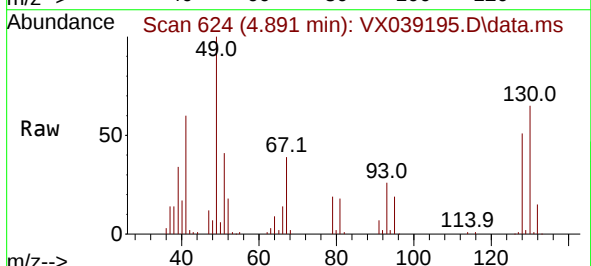
Manual Integrations
 APPROVED

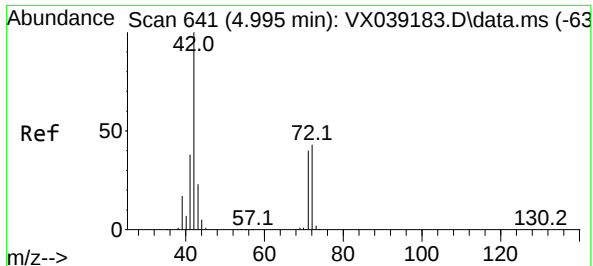
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#28
 Bromochloromethane
 Concen: 48.097 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX039195.D
 Acq: 14 Dec 2023 09:41

Tgt Ion: 49 Resp: 87065
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 64.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 237.204 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 28659

Ion Ratio Lower Upper

42 100

72 42.2 34.2 51.4

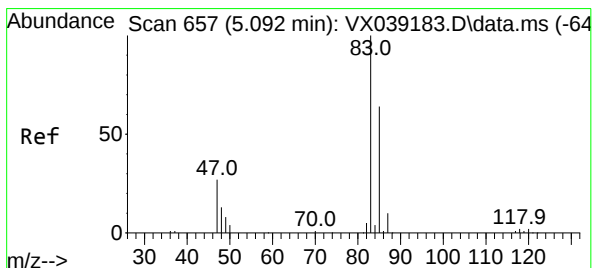
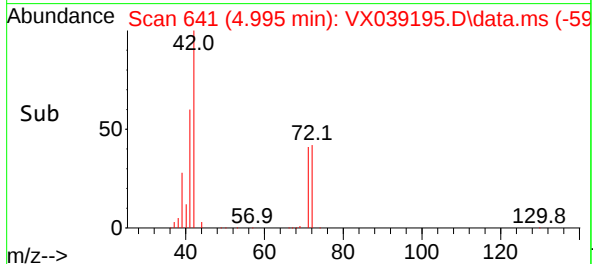
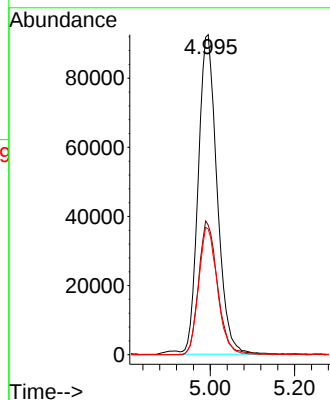
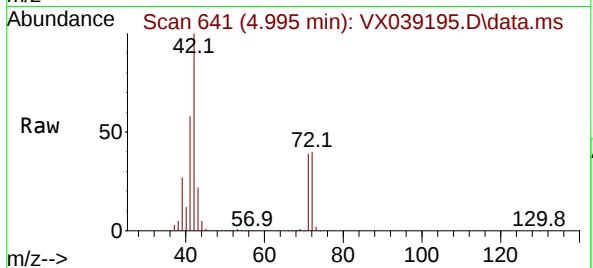
71 39.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#30

Chloroform

Concen: 46.734 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039195.D

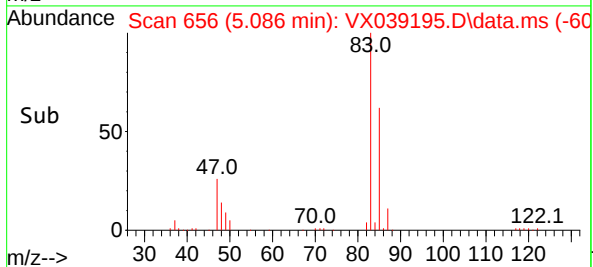
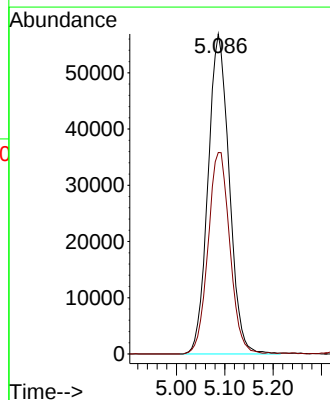
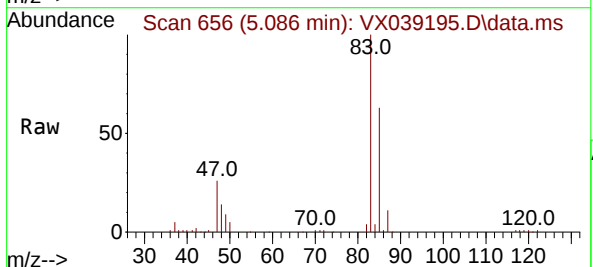
Acq: 14 Dec 2023 09:41

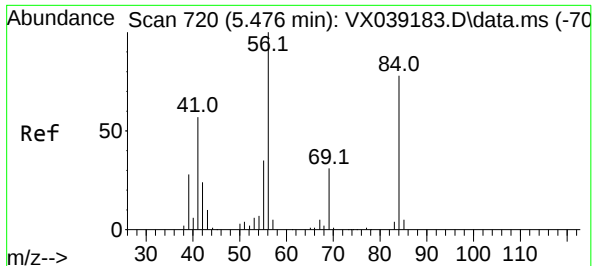
Tgt Ion: 83 Resp: 173263

Ion Ratio Lower Upper

83 100

85 63.0 50.3 75.5





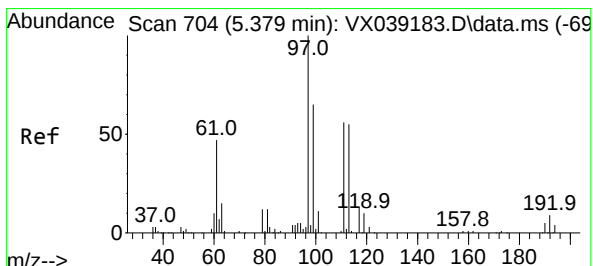
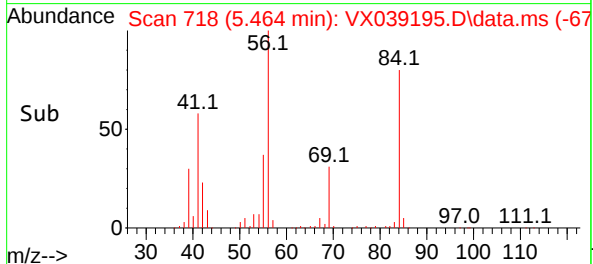
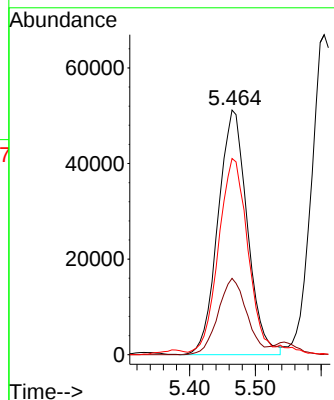
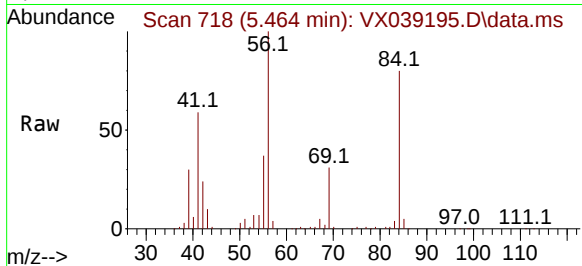
#31
Cyclohexane
Concen: 48.384 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 15844
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.2
84 78.5 65.9 98.9

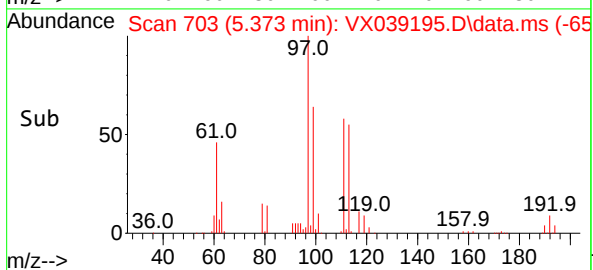
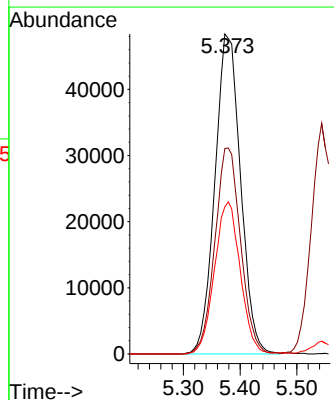
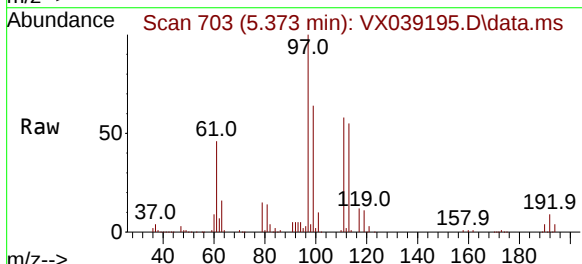
Manual Integrations
APPROVED

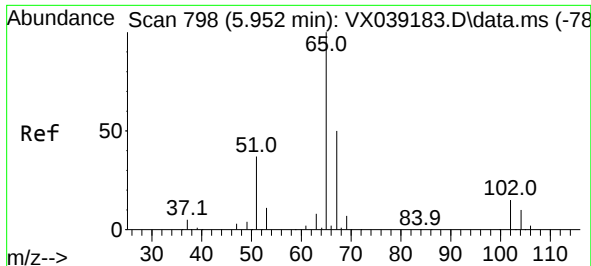
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#32
1,1,1-Trichloroethane
Concen: 47.232 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Tgt Ion: 97 Resp: 152014
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 47.7 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 46.923 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

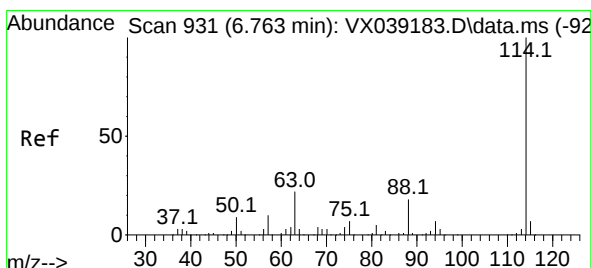
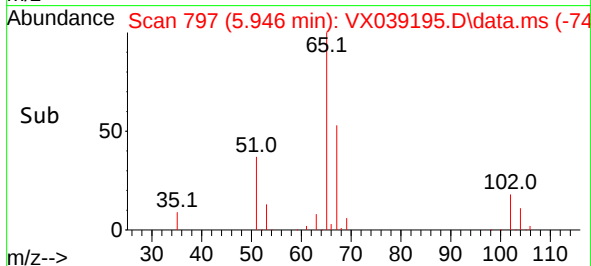
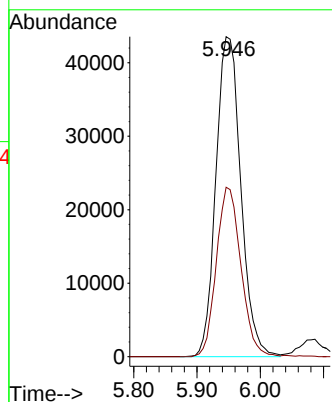
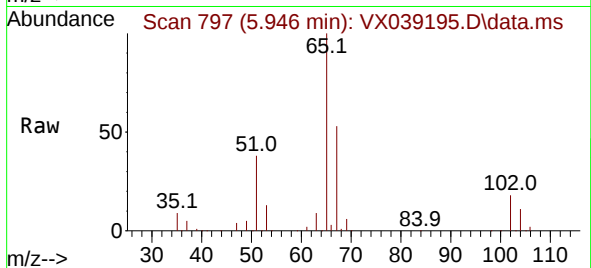
VSTDCCC050

Tgt Ion: 65 Resp: 118960
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

Manual Integrations

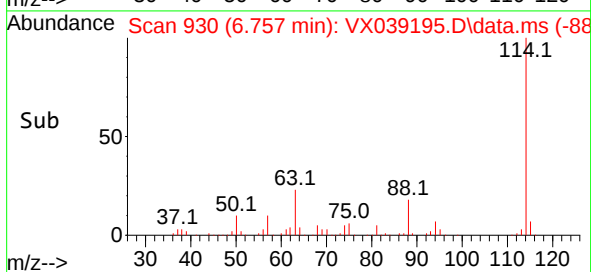
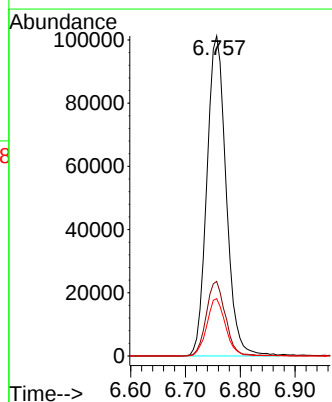
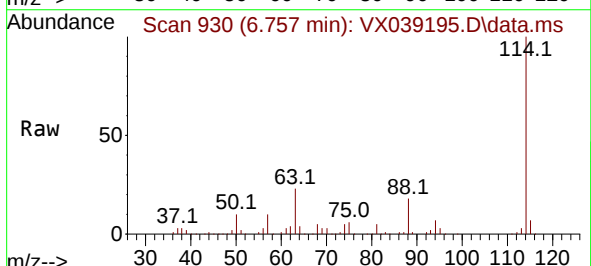
APPROVED

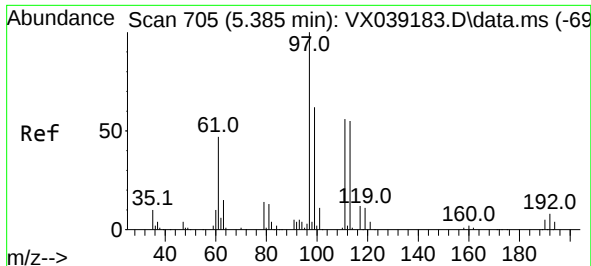
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Tgt Ion:114 Resp: 246796
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 17.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.302 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 84059

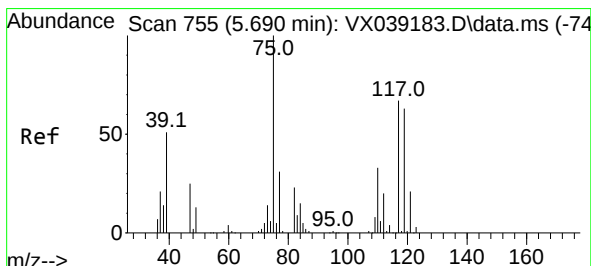
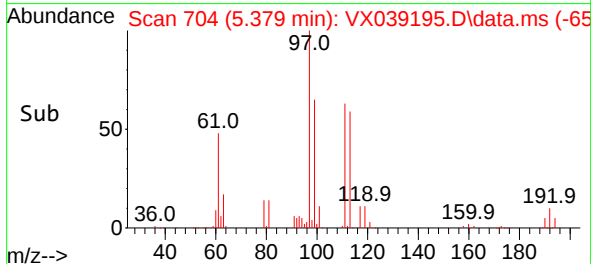
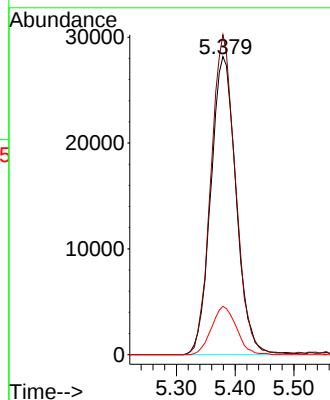
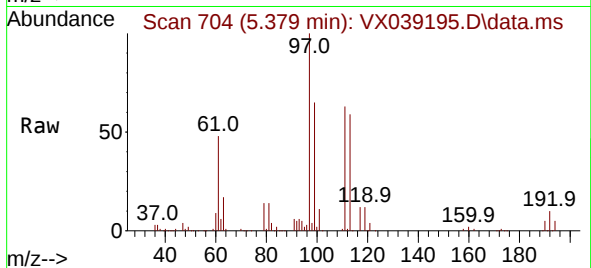
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.9	124.3
192	16.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#36

1,1-Dichloropropene

Concen: 48.750 ug/l

RT: 5.690 min Scan# 755

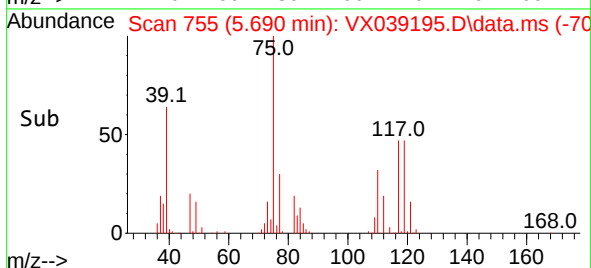
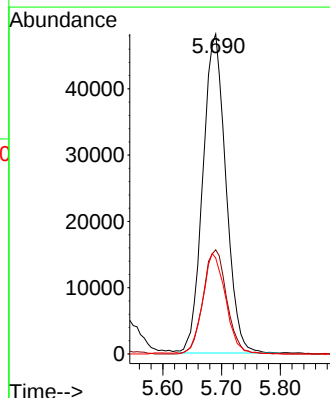
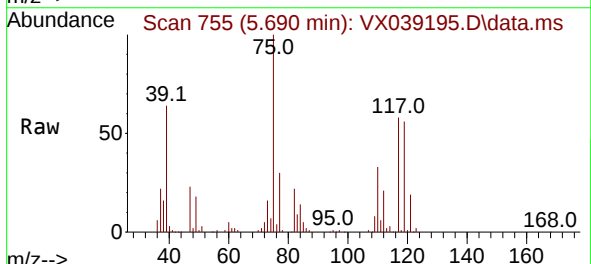
Delta R.T. 0.000 min

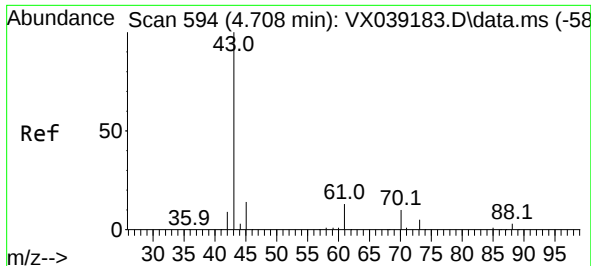
Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Tgt Ion: 75 Resp: 131163

Ion	Ratio	Lower	Upper
75	100		
110	33.6	17.0	50.9
77	31.4	24.7	37.1





#37

Ethyl Acetate

Concen: 49.034 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.006 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 162990

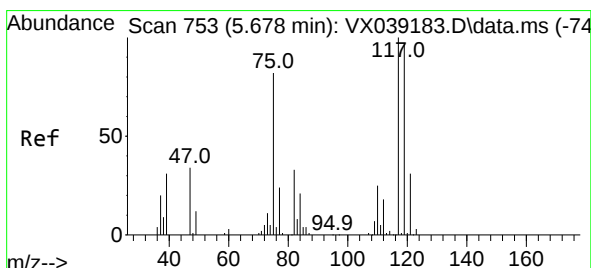
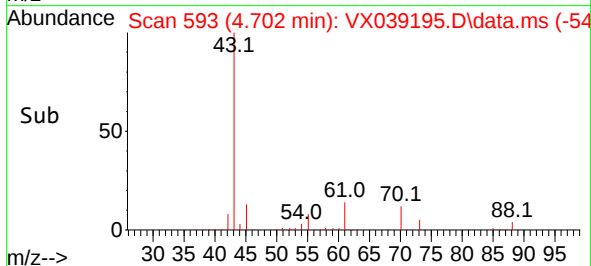
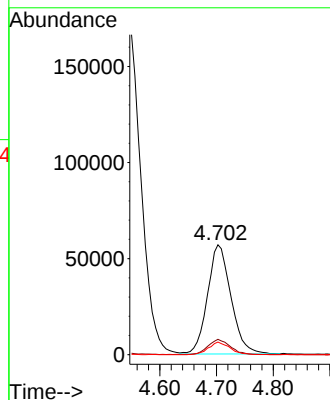
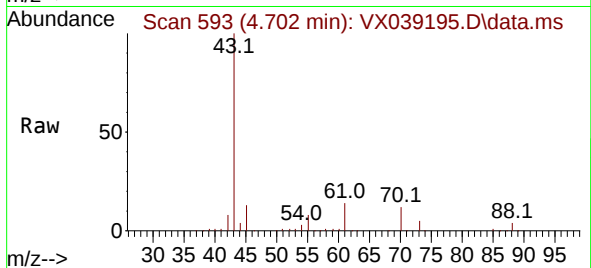
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.6	16.0
70	10.6	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#38

Carbon Tetrachloride

Concen: 49.314 ug/l

RT: 5.672 min Scan# 752

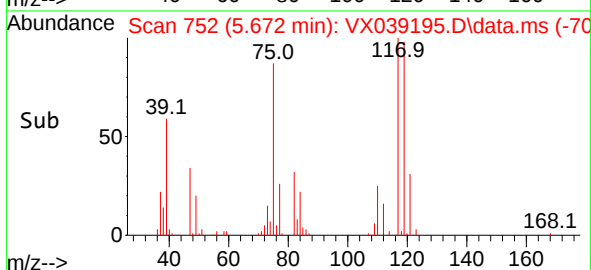
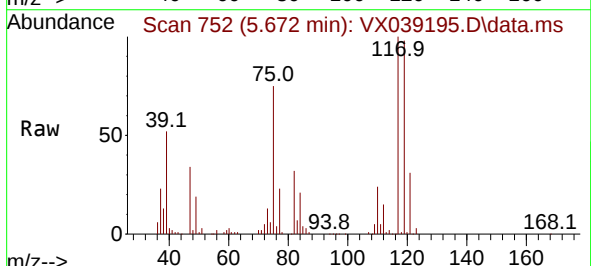
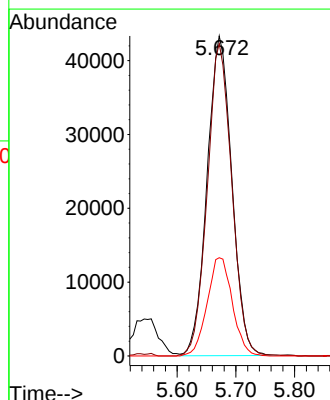
Delta R.T. -0.006 min

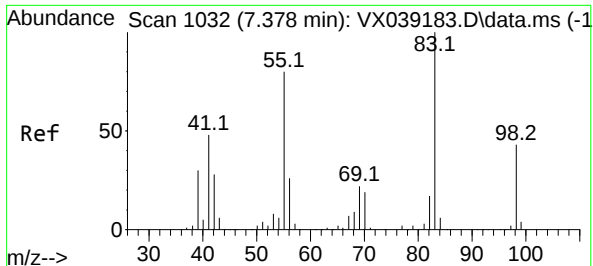
Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Tgt Ion:117 Resp: 126620

Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.2	117.2
121	30.8	24.4	36.6





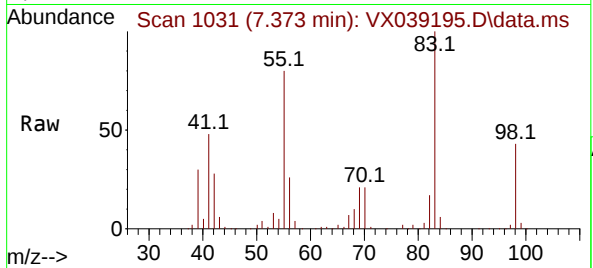
#39
Methylcyclohexane
Concen: 49.749 ug/l
RT: 7.373 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



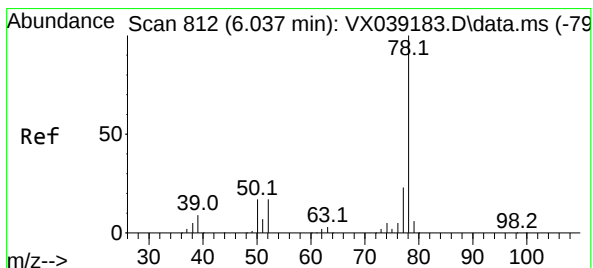
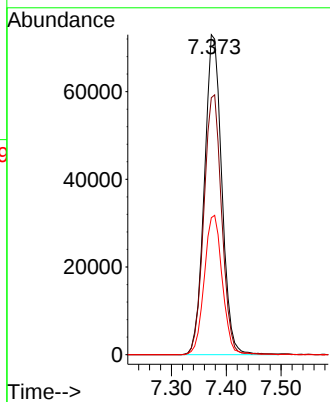
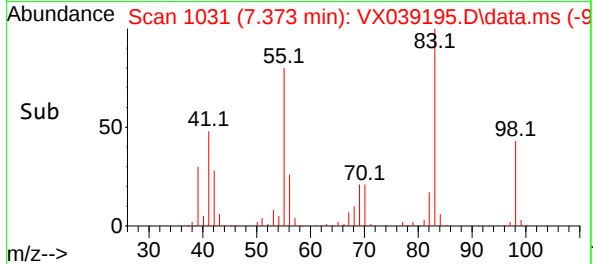
Tgt Ion: 83 Resp: 160779
Ion Ratio Lower Upper
83 100
55 80.3 64.6 97.0
98 42.8 36.7 55.1

Manual Integrations

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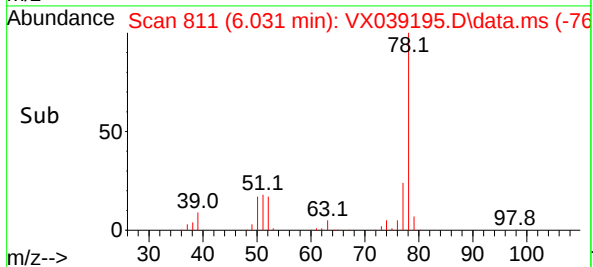
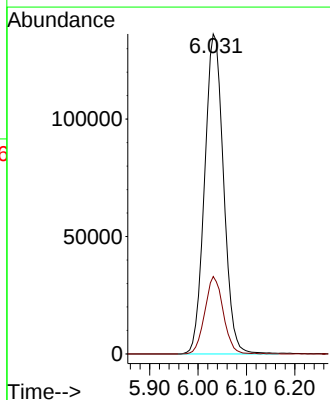
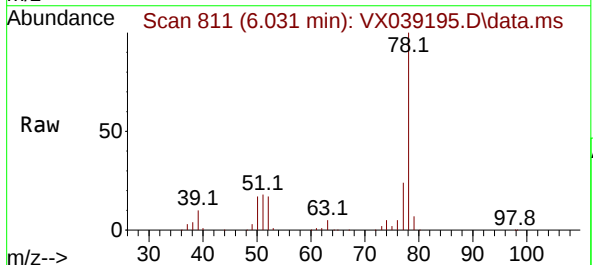
Reviewed By :John Carlone 12/15/2023

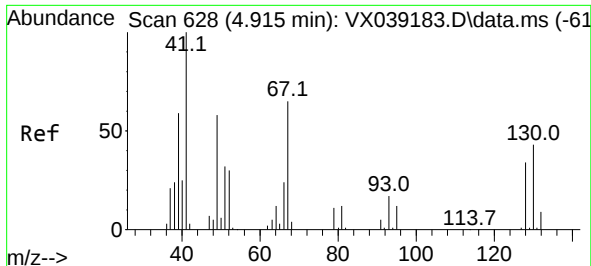
Supervised By :Mahesh Dadoda 12/15/2023



#40
Benzene
Concen: 48.779 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Tgt Ion: 78 Resp: 371249
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





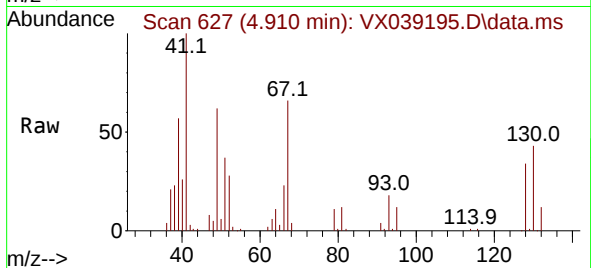
#41
Methacrylonitrile
Concen: 48.560 ug/l
RT: 4.910 min Scan# 612
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



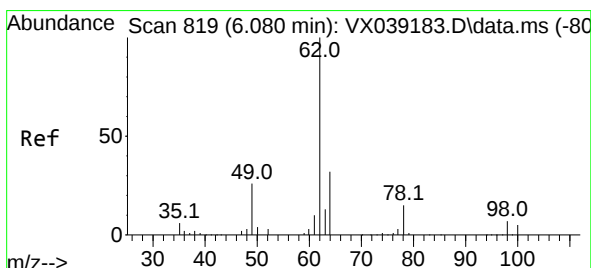
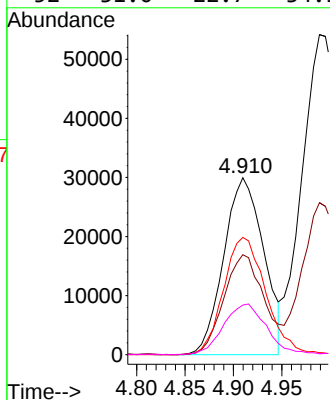
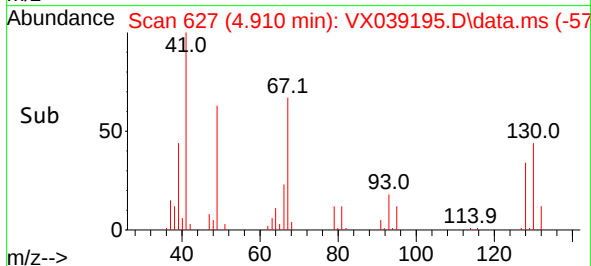
Tgt Ion: 41 Resp: 8612
Ion Ratio Lower Upper
41 100
39 58.2 45.2 67.8
67 70.4 52.6 78.8
52 31.0 22.7 34.1

Manual Integrations

APPROVED

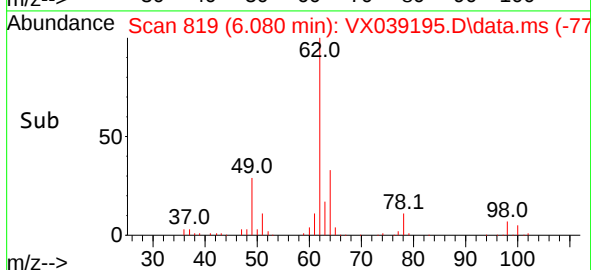
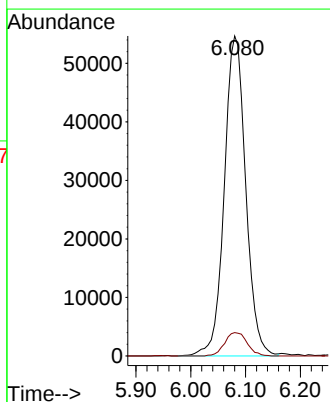
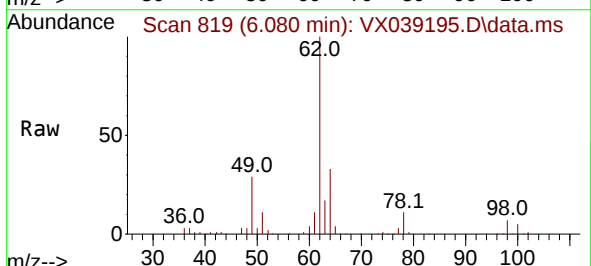
Reviewed By :John Carlone 12/15/2023

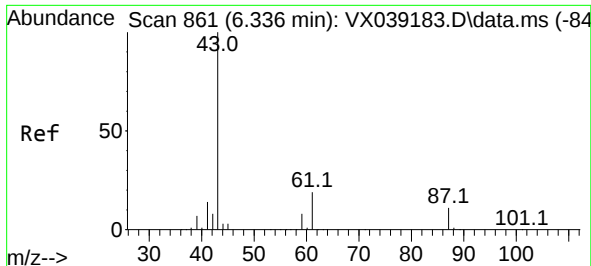
Supervised By :Mahesh Dadoda 12/15/2023



#42
1,2-Dichloroethane
Concen: 48.271 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

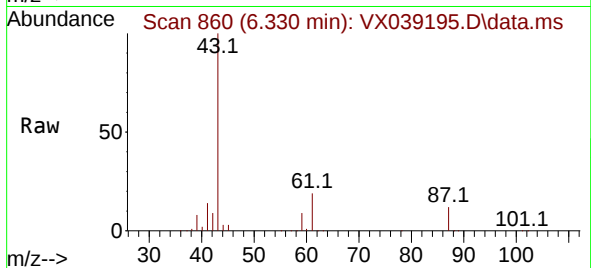
Tgt Ion: 62 Resp: 148712
Ion Ratio Lower Upper
62 100
98 7.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 48.276 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

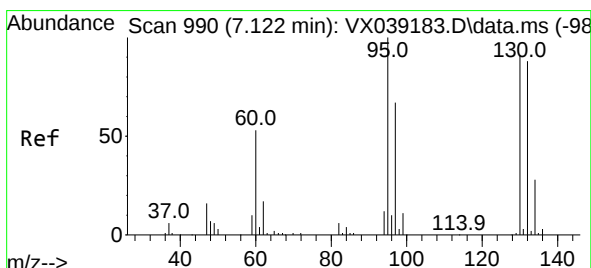
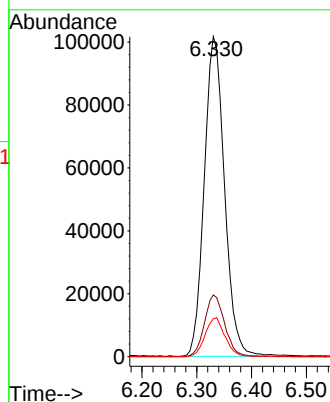
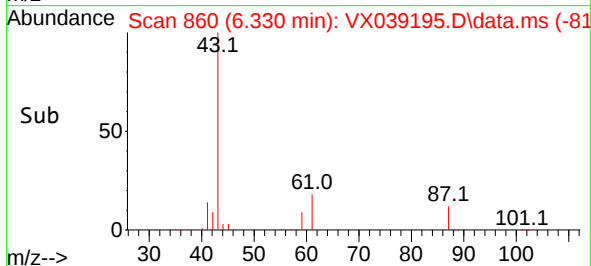
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 26094
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 12.0 9.8 14.6

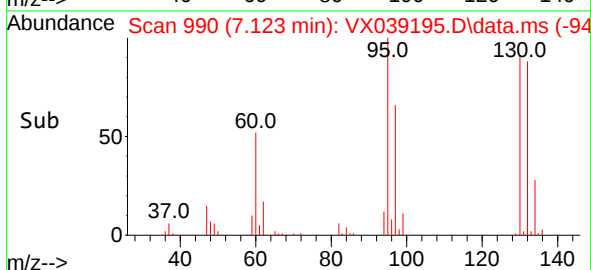
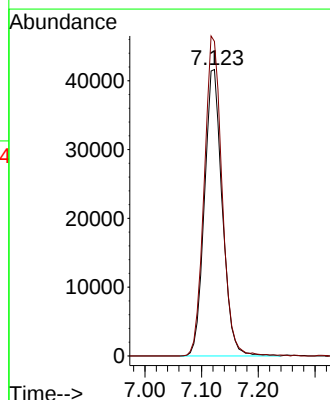
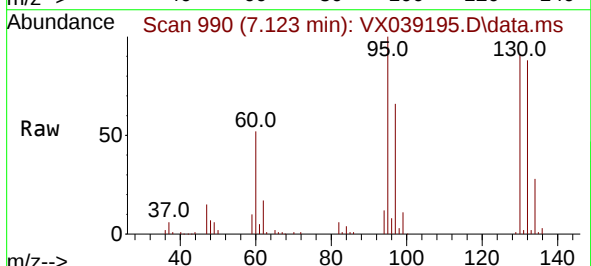
Manual Integrations
APPROVED

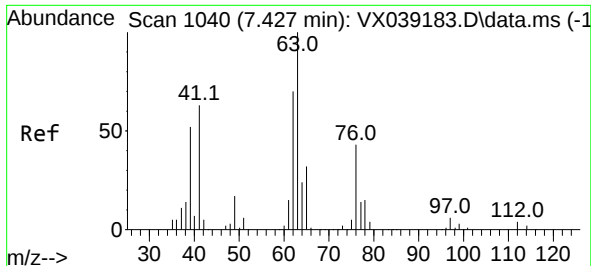
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#44
Trichloroethene
Concen: 47.374 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

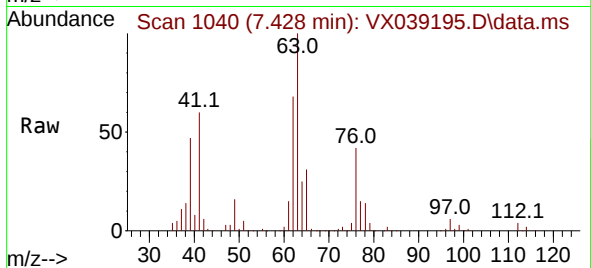
Tgt Ion:130 Resp: 90984
Ion Ratio Lower Upper
130 100
95 109.8 0.0 204.4





#45
1,2-Dichloropropane
Concen: 49.482 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

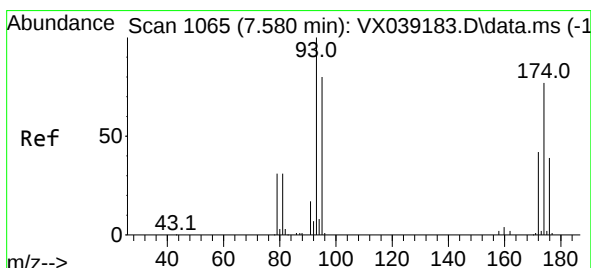
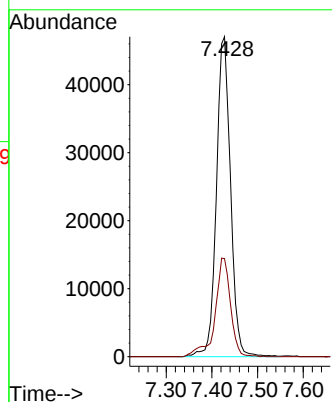
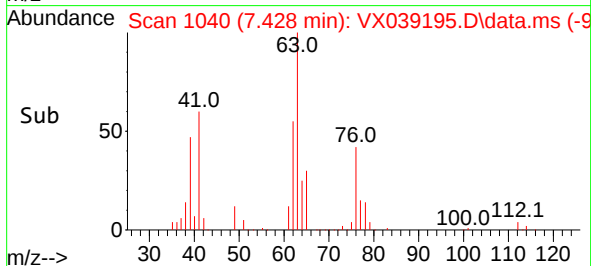
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 101072
Ion Ratio Lower Upper
63 100
65 30.7 24.3 36.5

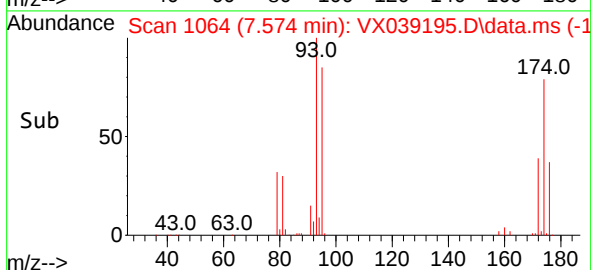
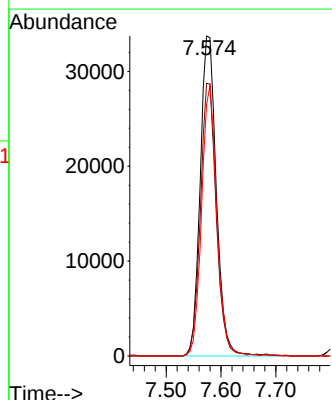
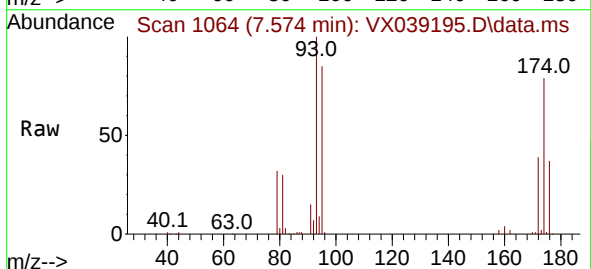
Manual Integrations
APPROVED

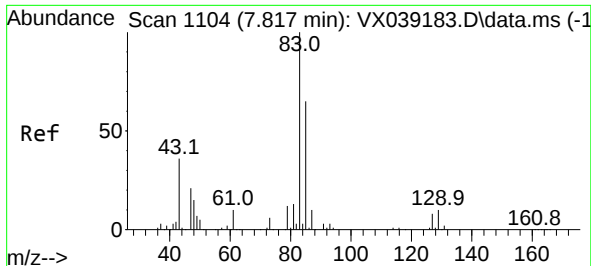
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#46
Dibromomethane
Concen: 48.136 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

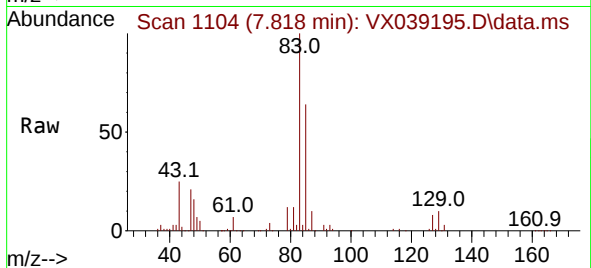
Tgt Ion: 93 Resp: 69116
Ion Ratio Lower Upper
93 100
95 83.8 66.6 100.0
174 79.7 69.4 104.0





#47
Bromodichloromethane
Concen: 50.642 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

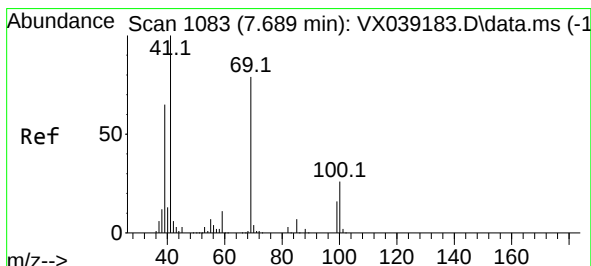
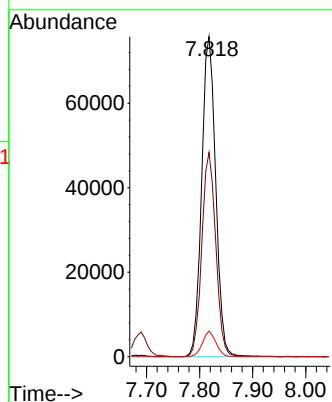
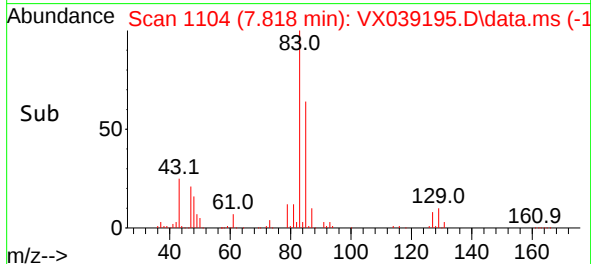
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



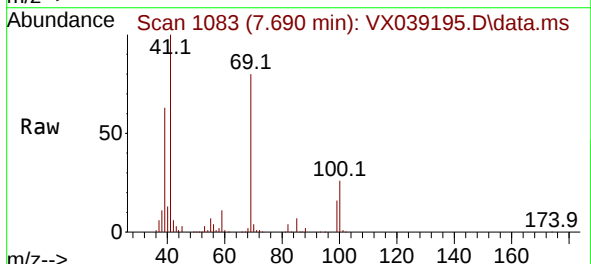
Tgt Ion: 83 Resp: 13903
Ion Ratio Lower Upper
83 100
85 63.8 49.8 74.6
127 8.0 7.1 10.7

Manual Integrations
APPROVED

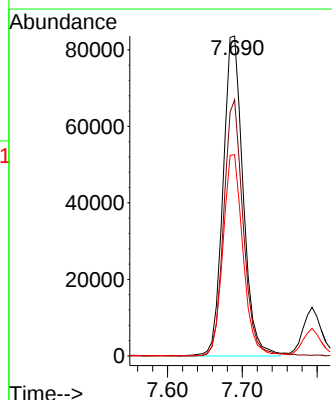
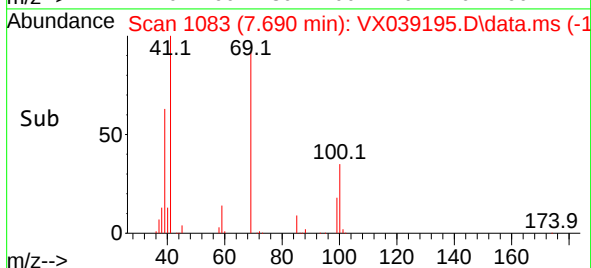
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

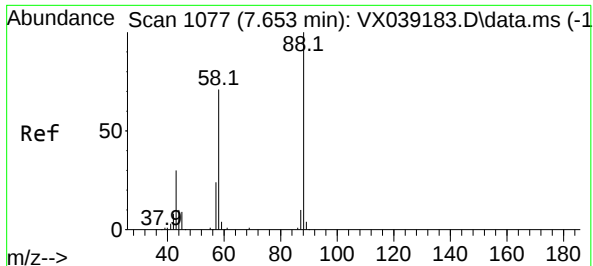


#48
Methyl methacrylate
Concen: 49.404 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41



Tgt Ion: 41 Resp: 156118
Ion Ratio Lower Upper
41 100
69 78.1 59.2 88.8
39 63.2 47.7 71.5





#49

1,4-Dioxane

Concen: 1114.310 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4746

Ion Ratio Lower Upper

88 100

43 39.5 0.0 0.0

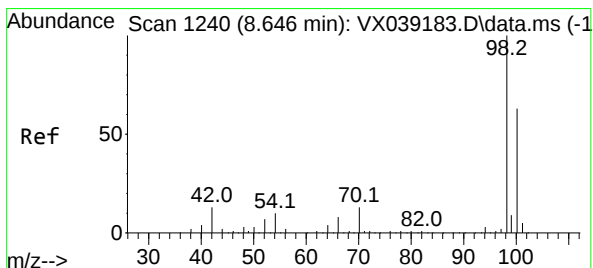
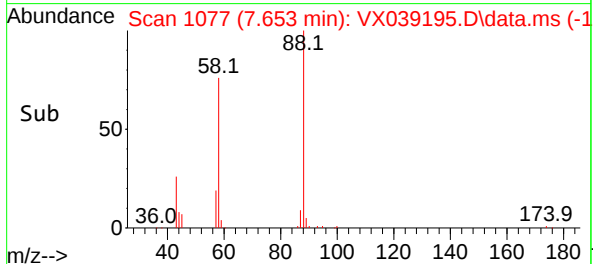
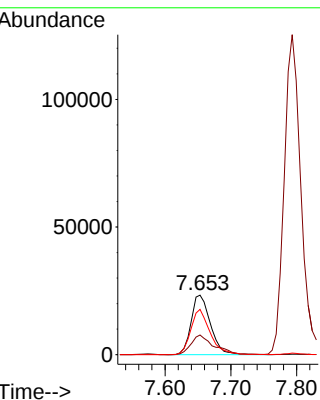
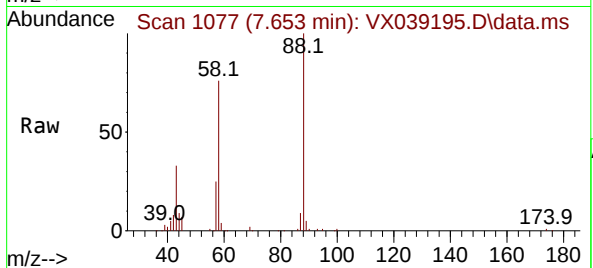
58 75.7 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#50

Toluene-d8

Concen: 50.020 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039195.D

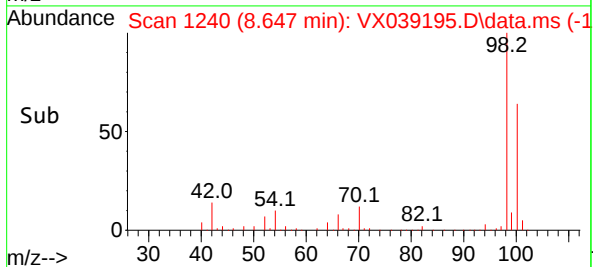
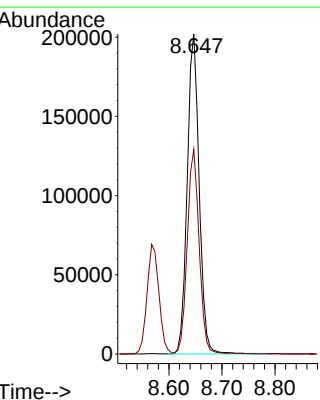
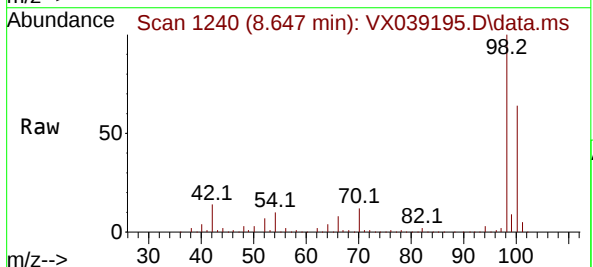
Acq: 14 Dec 2023 09:41

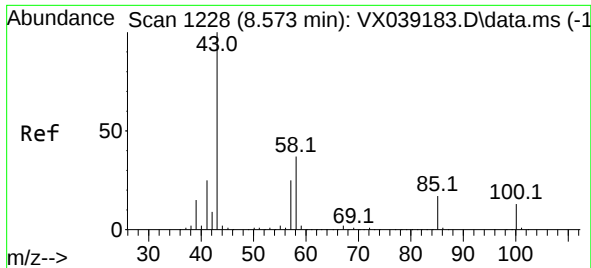
Tgt Ion: 98 Resp: 316616

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7





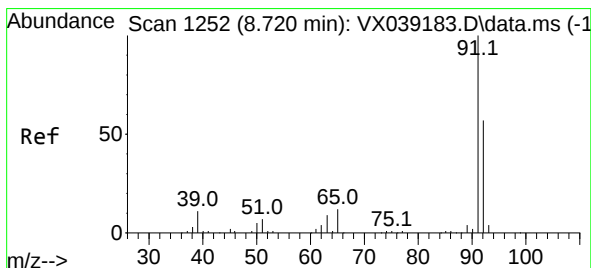
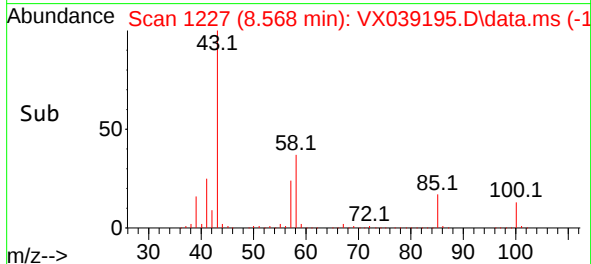
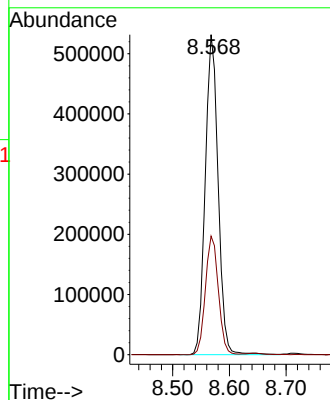
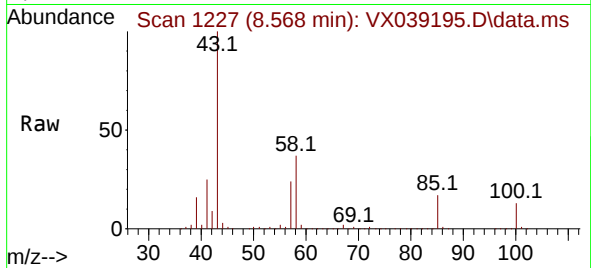
#51
4-Methyl-2-Pentanone
Concen: 243.083 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 83717
Ion Ratio Lower Upper
43 100
58 37.3 30.4 45.6

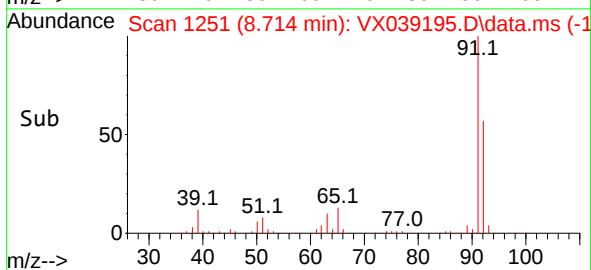
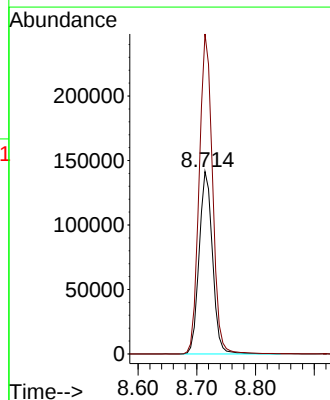
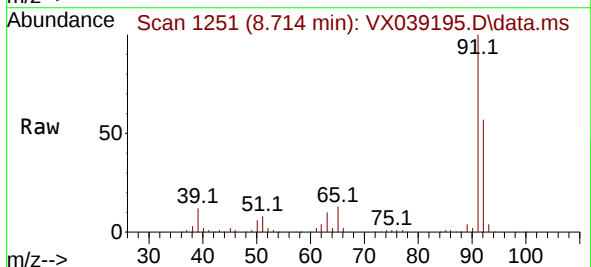
Manual Integrations
APPROVED

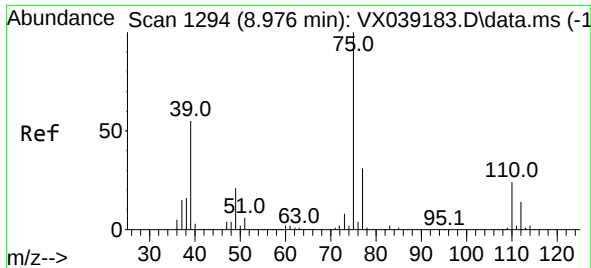
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#52
Toluene
Concen: 48.747 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Tgt Ion: 92 Resp: 223923
Ion Ratio Lower Upper
92 100
91 175.4 134.2 201.2





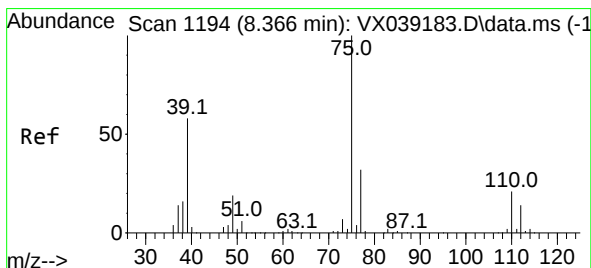
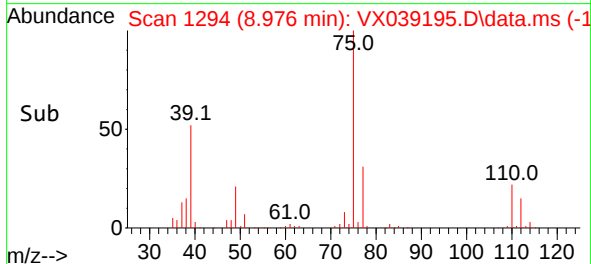
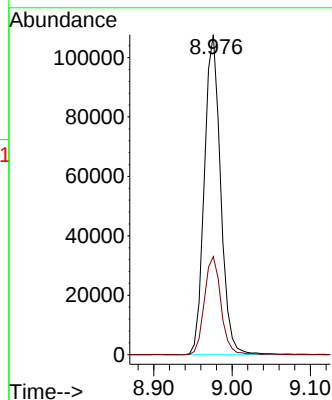
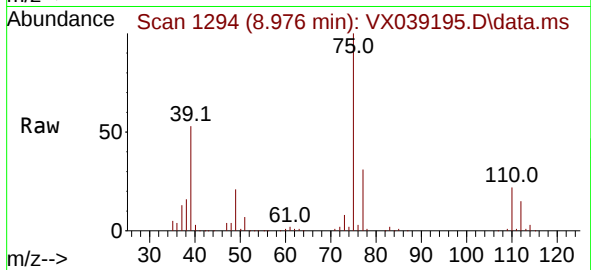
#53
t-1,3-Dichloropropene
Concen: 51.287 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 15501
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5

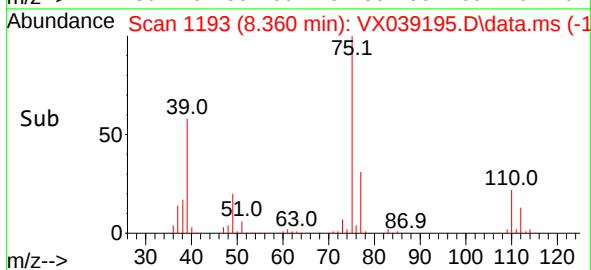
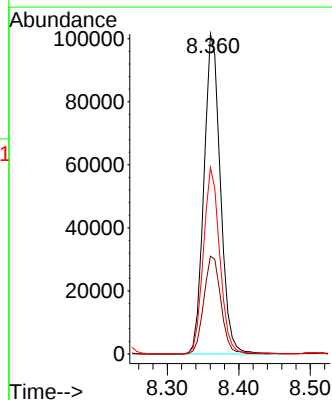
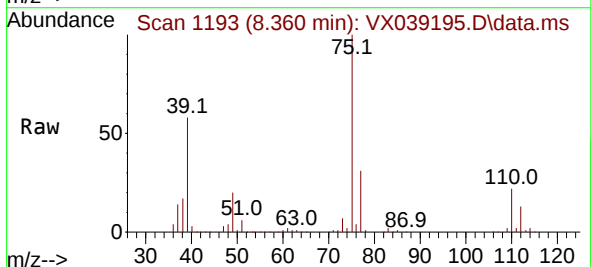
Manual Integrations
APPROVED

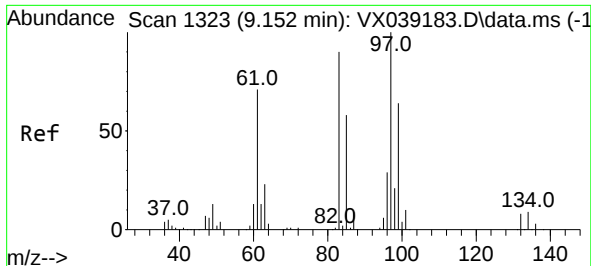
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#54
cis-1,3-Dichloropropene
Concen: 49.874 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

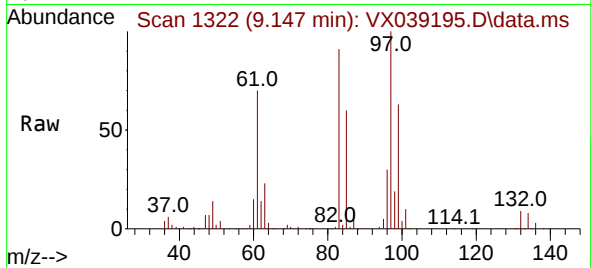
Tgt Ion: 75 Resp: 162200
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9
39 58.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 48.611 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

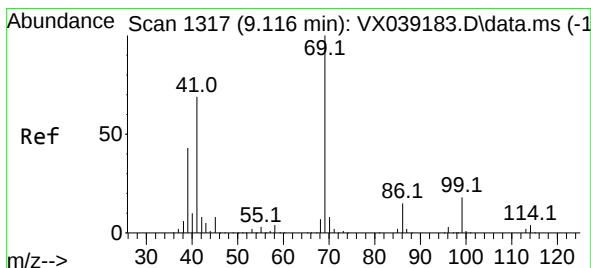
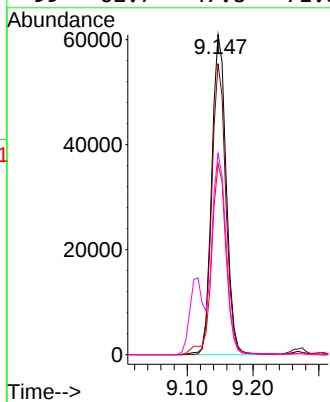
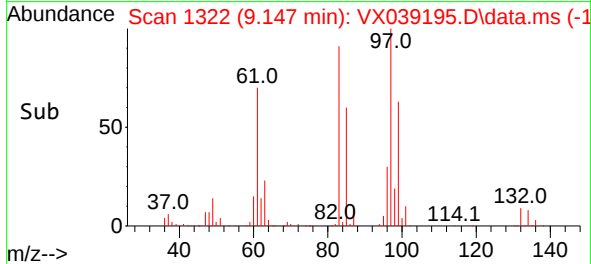
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



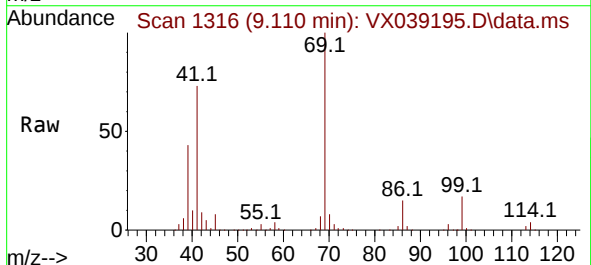
Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.9	65.8	98.8
85	59.7	41.6	62.4
99	62.7	47.8	71.8

Manual Integrations
APPROVED

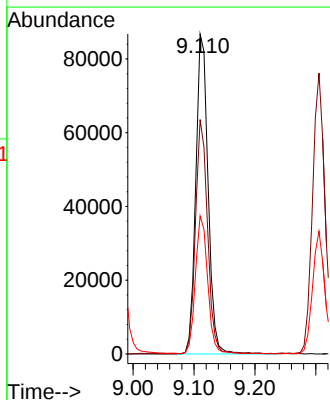
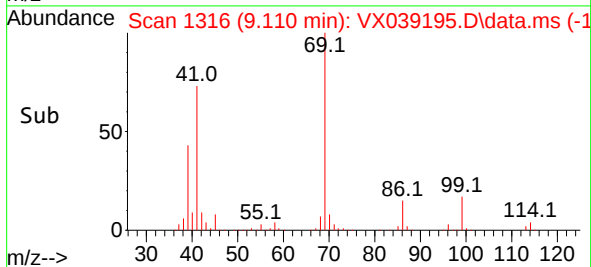
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

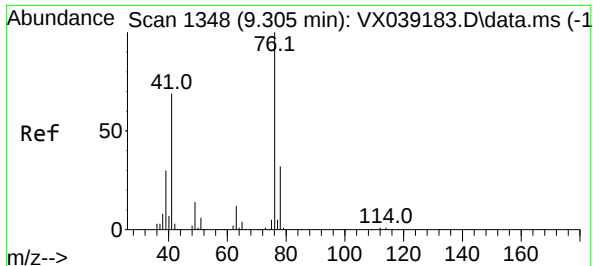


#56
Ethyl methacrylate
Concen: 51.917 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41



Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.7	56.8	85.2
39	42.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 48.897 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 16211

Ion Ratio Lower Upper

76 100

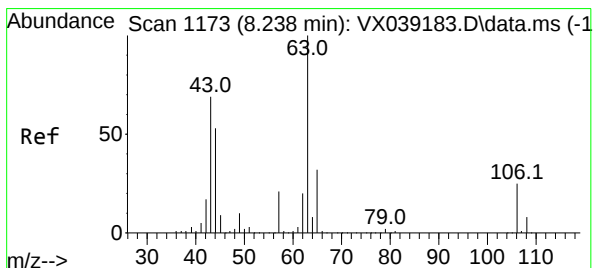
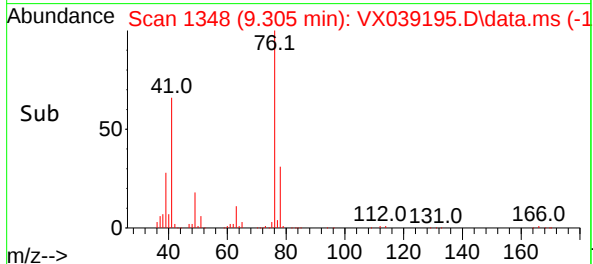
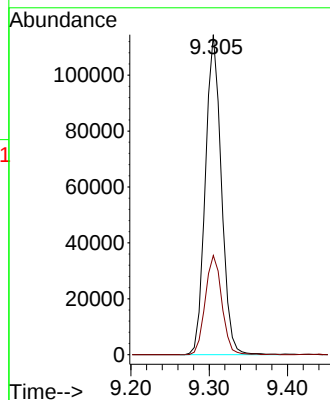
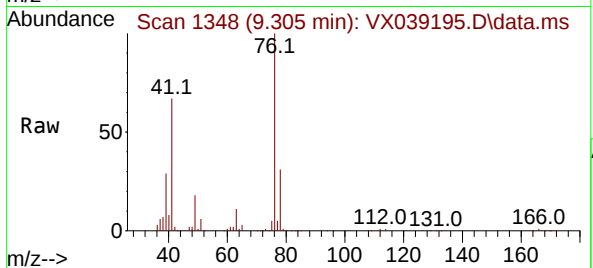
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 218.664 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039195.D

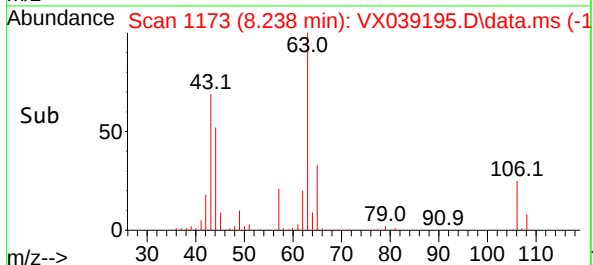
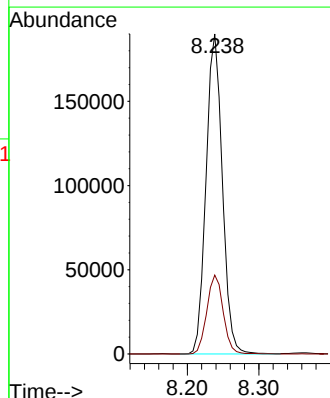
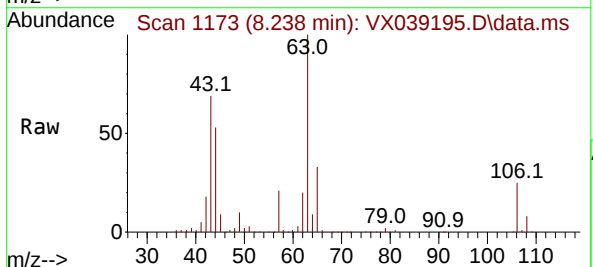
Acq: 14 Dec 2023 09:41

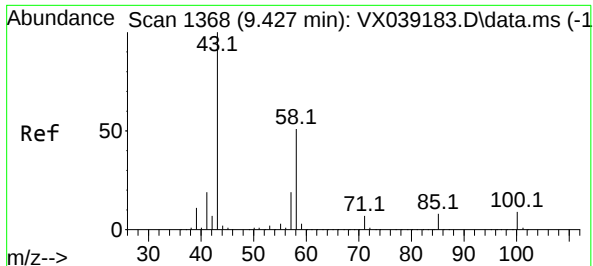
Tgt Ion: 63 Resp: 300593

Ion Ratio Lower Upper

63 100

106 24.7 22.5 33.7





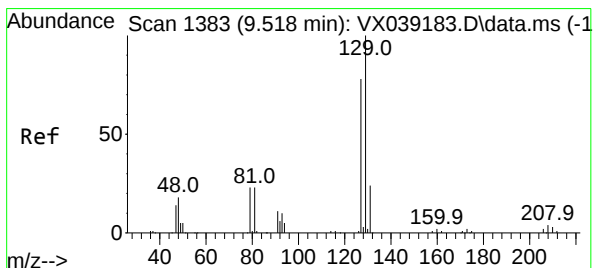
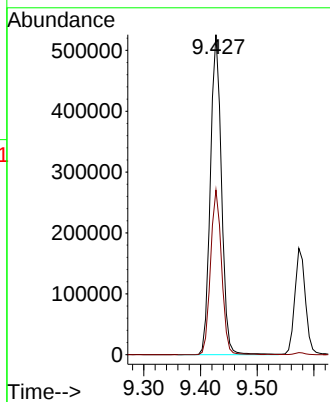
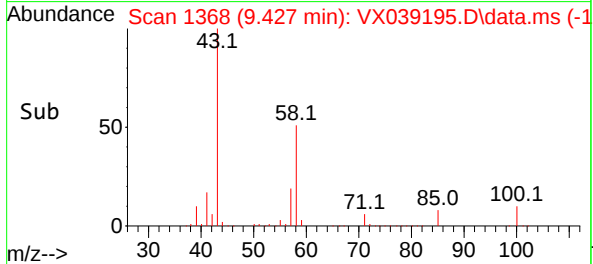
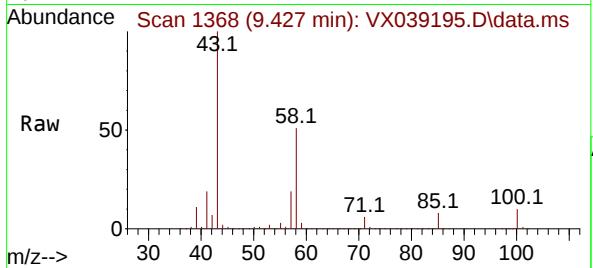
#59
2-Hexanone
Concen: 239.827 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 712835
Ion Ratio Lower Upper
43 100
58 51.3 26.2 78.5

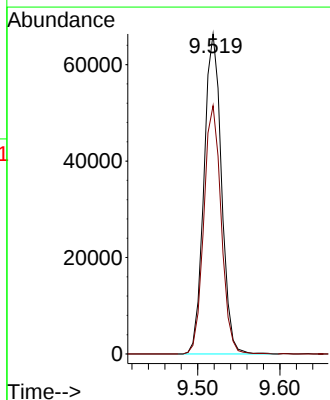
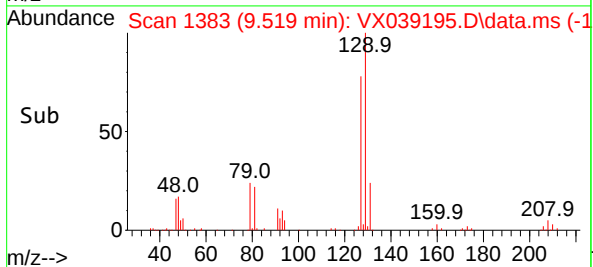
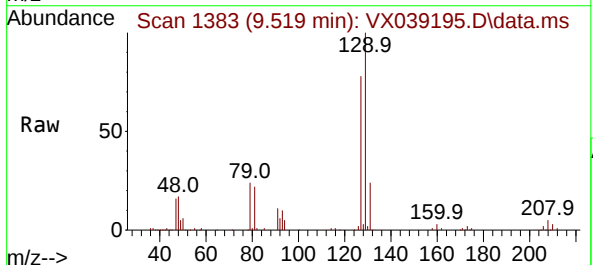
Manual Integrations
APPROVED

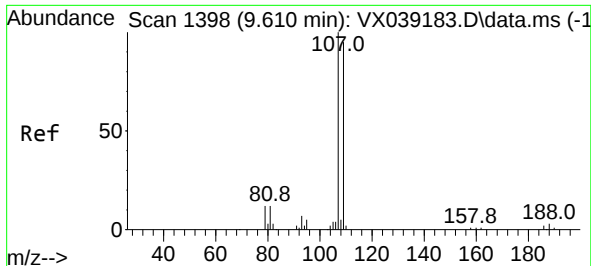
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#60
Dibromochloromethane
Concen: 50.503 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

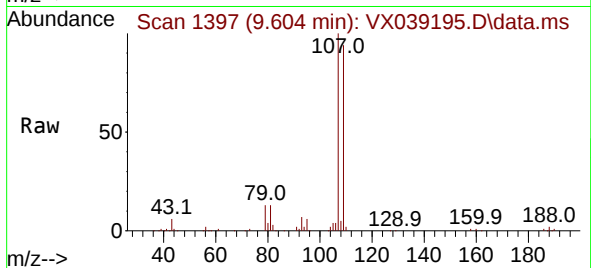
Tgt Ion:129 Resp: 97950
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 48.477 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

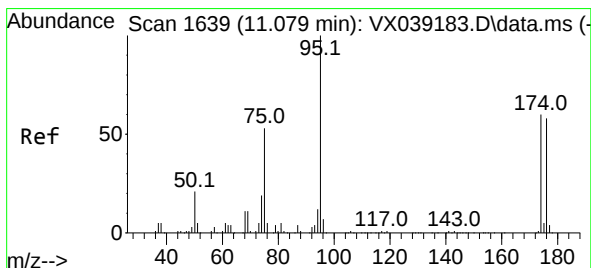
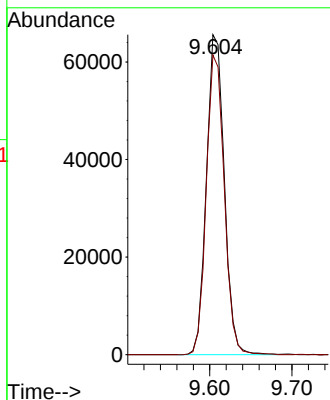
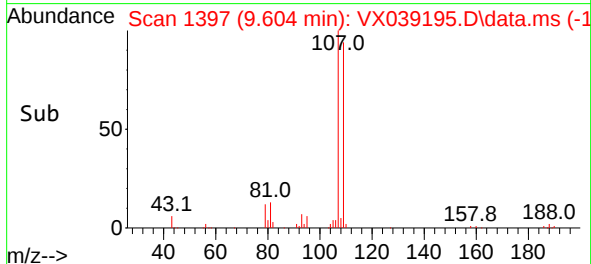
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



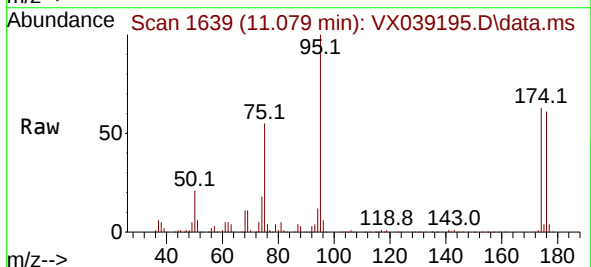
Tgt Ion:107 Resp: 9924
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

Manual Integrations
APPROVED

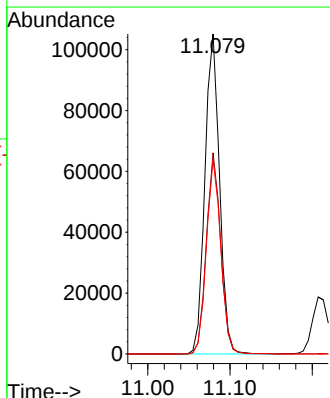
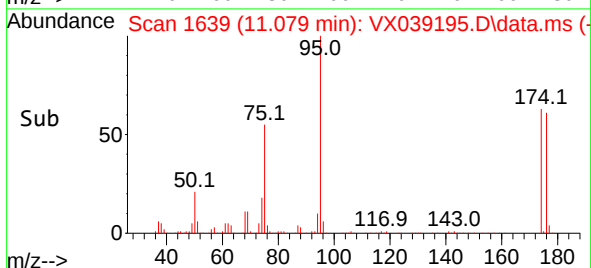
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

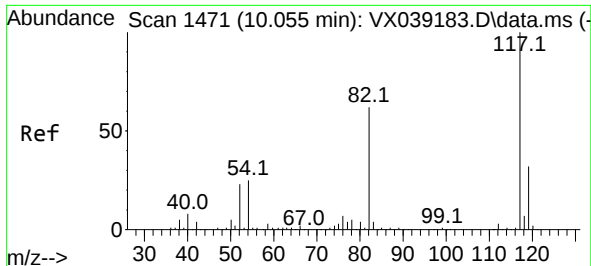


#62
4-Bromofluorobenzene
Concen: 49.659 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41



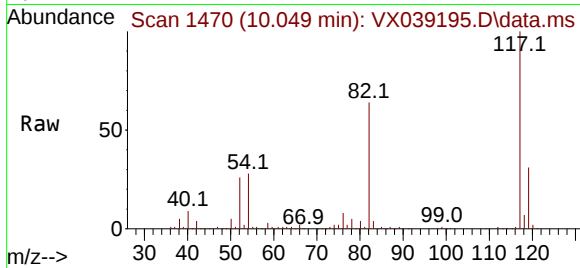
Tgt Ion: 95 Resp: 129692
Ion Ratio Lower Upper
95 100
174 61.9 0.0 135.6
176 59.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

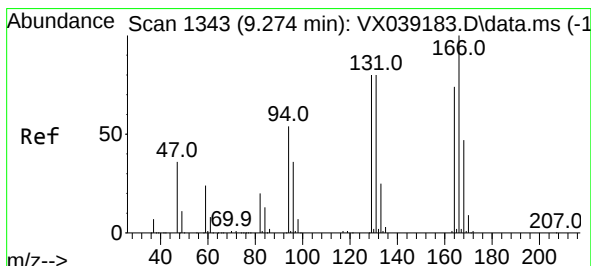
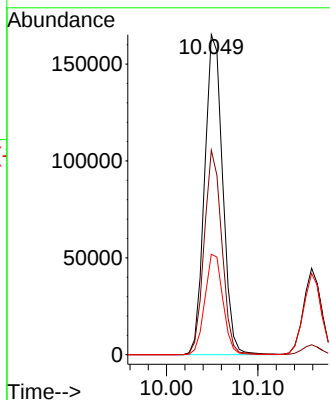
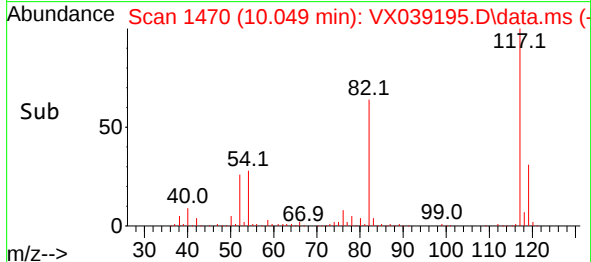
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 226419
Ion Ratio Lower Upper
117 100
82 63.9 46.2 69.4
119 31.4 25.5 38.3

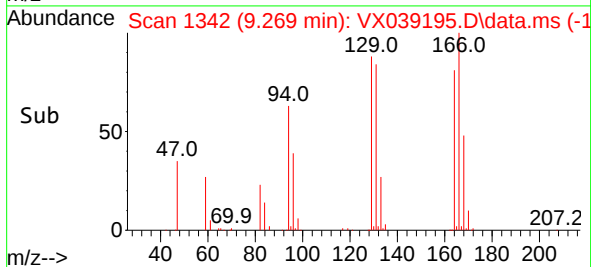
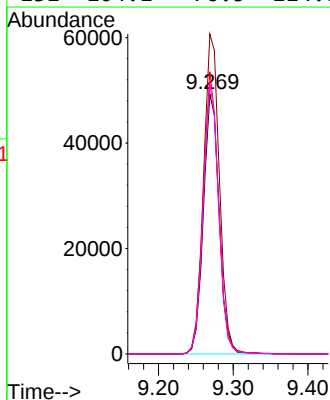
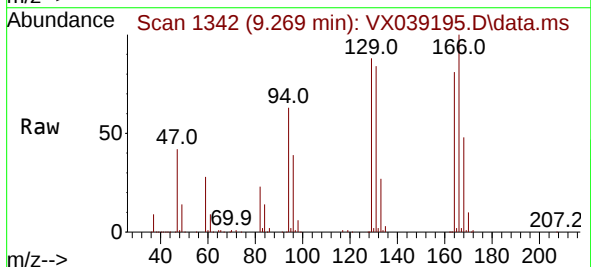
Manual Integrations
APPROVED

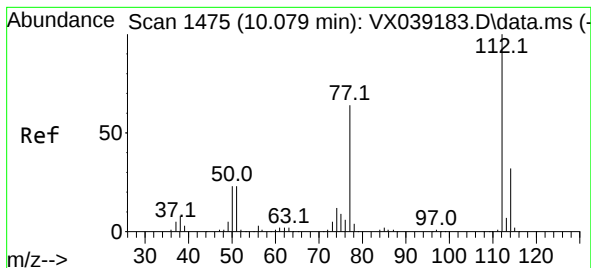
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#64
Tetrachloroethene
Concen: 48.693 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Tgt Ion:164 Resp: 72044
Ion Ratio Lower Upper
164 100
166 123.2 102.7 154.1
129 108.7 80.4 120.6
131 104.1 76.5 114.7





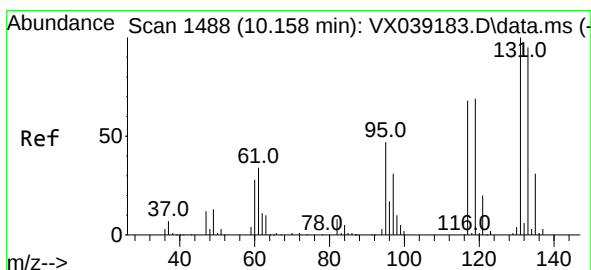
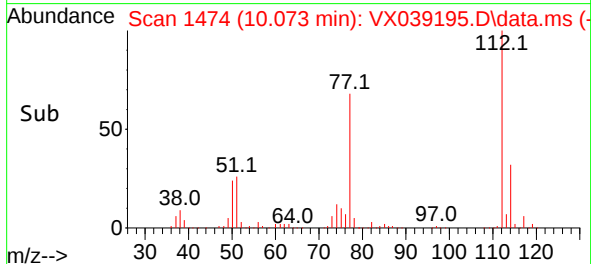
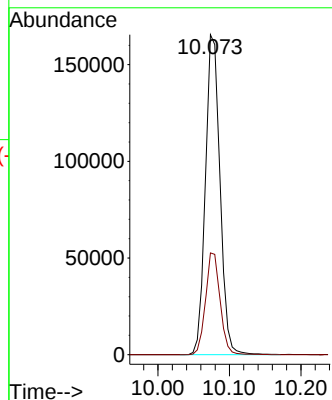
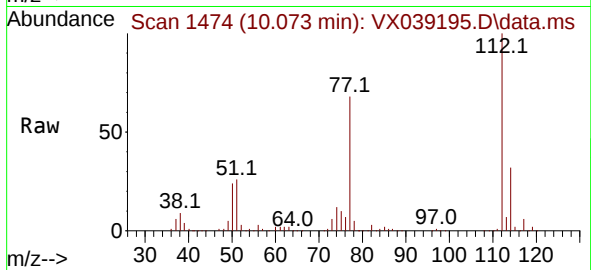
#65
Chlorobenzene
Concen: 47.504 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 234768
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

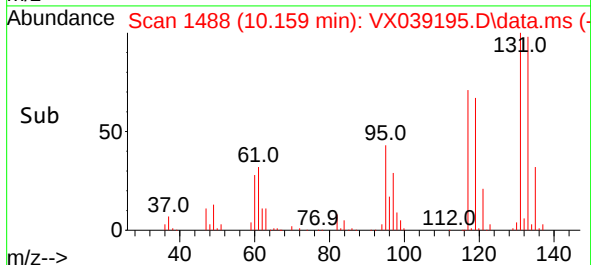
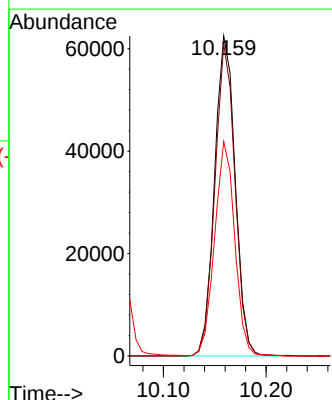
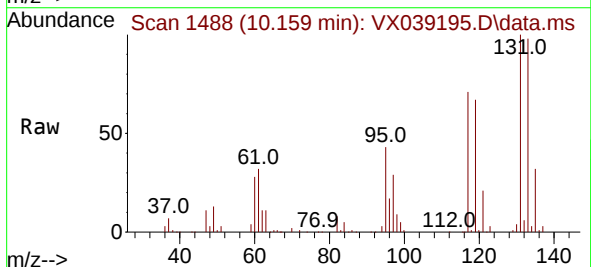
Manual Integrations
APPROVED

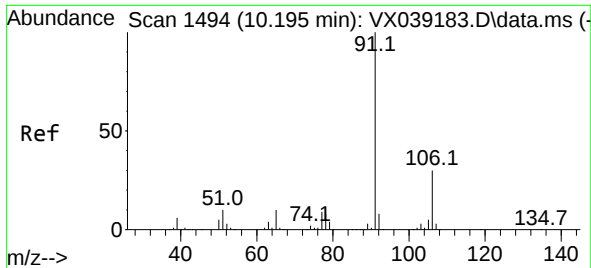
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.790 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Tgt Ion:131 Resp: 86917
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 65.6 32.2 96.6





#67

Ethyl Benzene

Concen: 49.274 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 453290

Ion Ratio Lower Upper

91 100

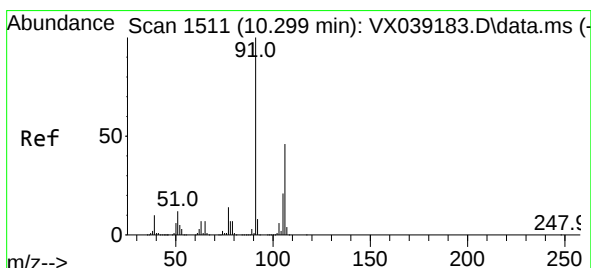
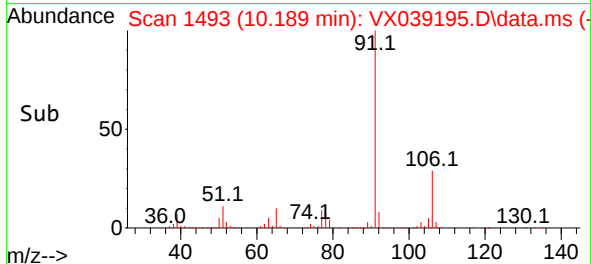
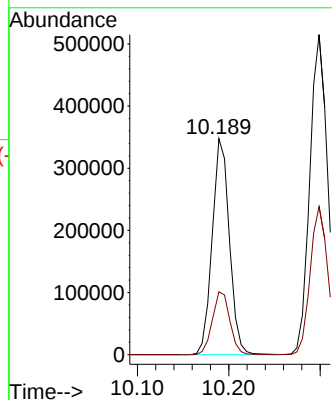
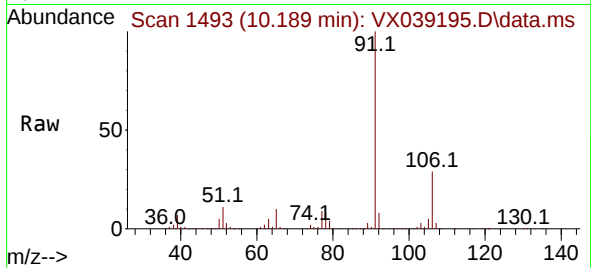
106 29.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#68

m/p-Xylenes

Concen: 97.521 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039195.D

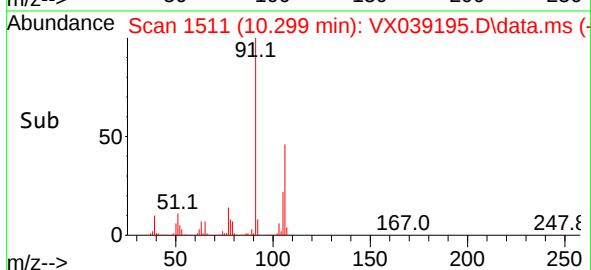
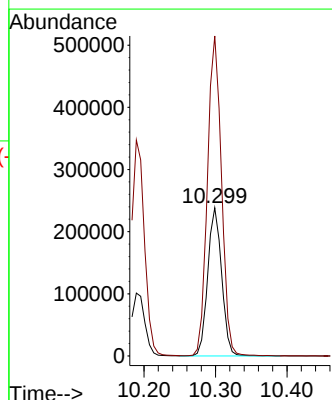
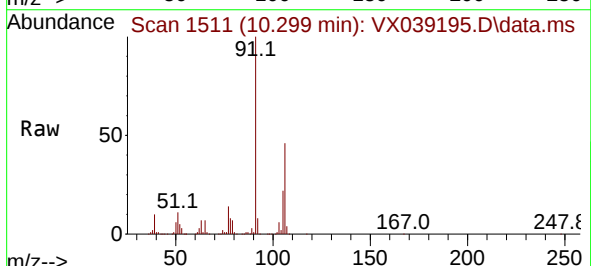
Acq: 14 Dec 2023 09:41

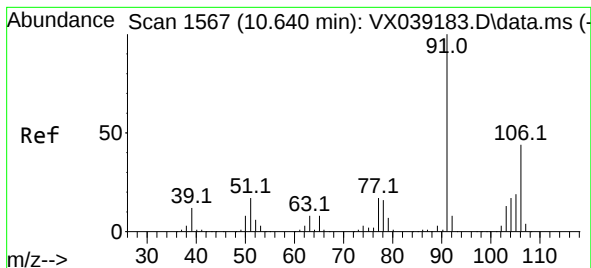
Tgt Ion:106 Resp: 321662

Ion Ratio Lower Upper

106 100

91 219.2 165.5 248.3





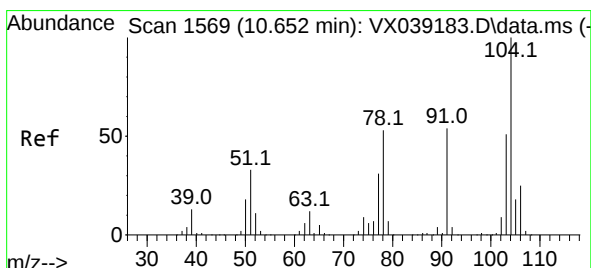
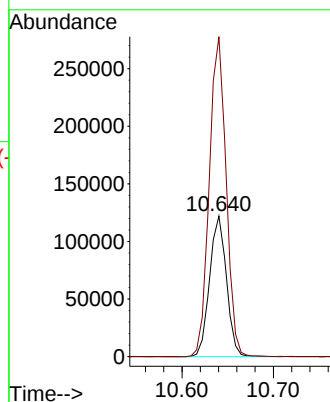
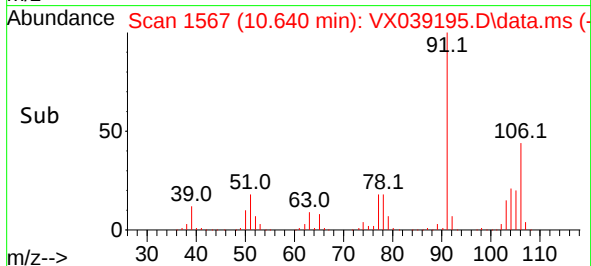
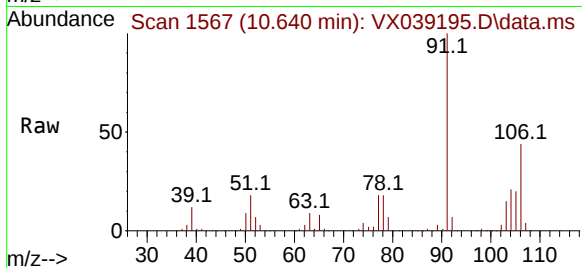
#69
o-Xylene
Concen: 49.014 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 156309
Ion Ratio Lower Upper
106 100
91 228.1 108.9 326.8

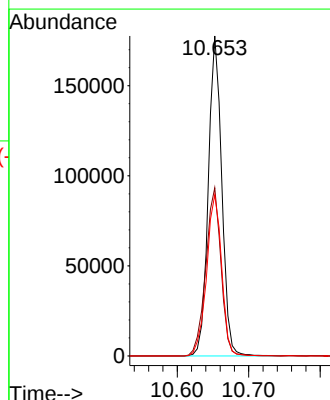
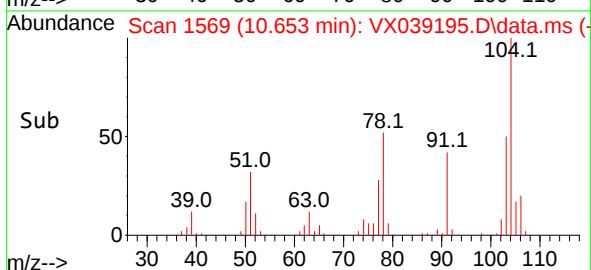
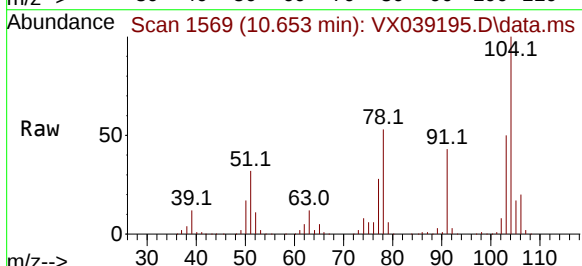
Manual Integrations
APPROVED

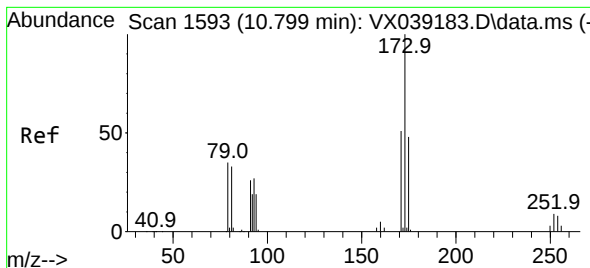
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#70
Styrene
Concen: 49.868 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Tgt Ion:104 Resp: 232497
Ion Ratio Lower Upper
104 100
78 59.5 43.6 65.4
103 56.3 43.6 65.4





#71

Bromoform

Concen: 51.491 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 6681

Ion Ratio Lower Upper

173 100

175 47.6 24.1 72.4

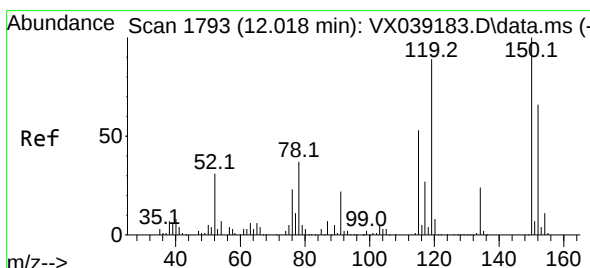
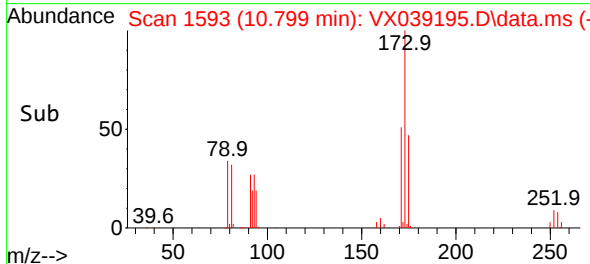
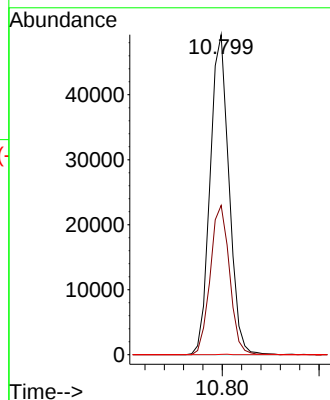
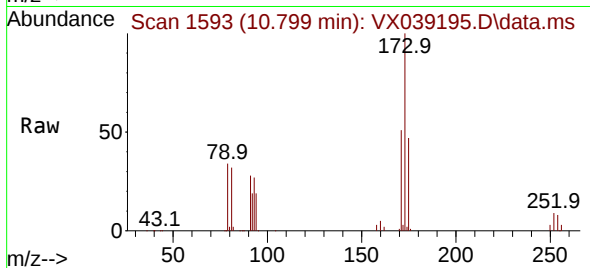
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

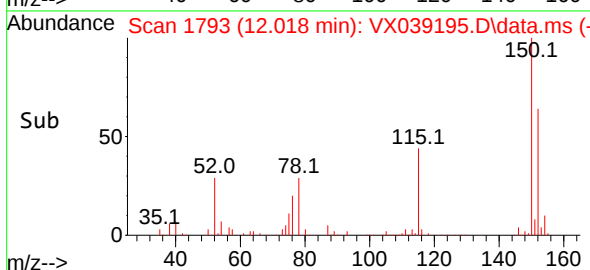
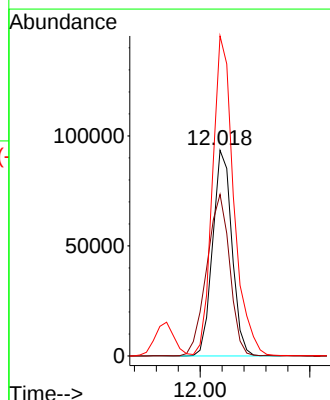
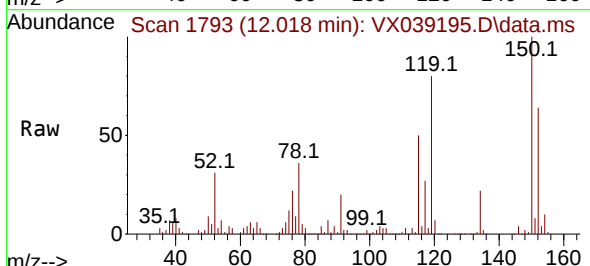
Tgt Ion:152 Resp: 114082

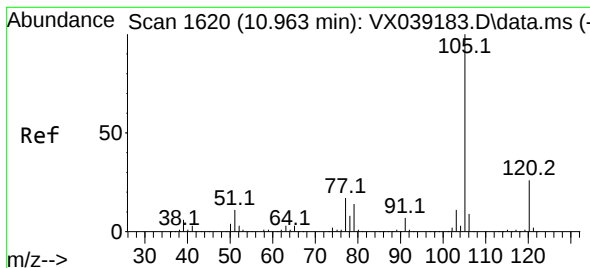
Ion Ratio Lower Upper

152 100

115 94.0 43.3 129.9

150 172.0 0.0 345.0





#73

Isopropylbenzene

Concen: 48.578 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 42757

Ion Ratio Lower Upper

105 100

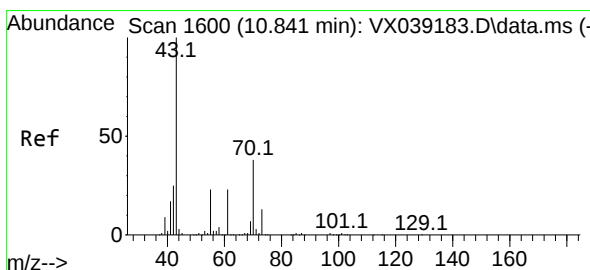
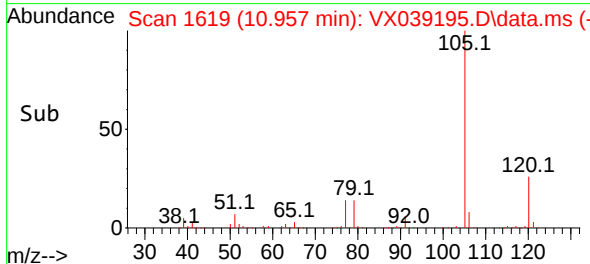
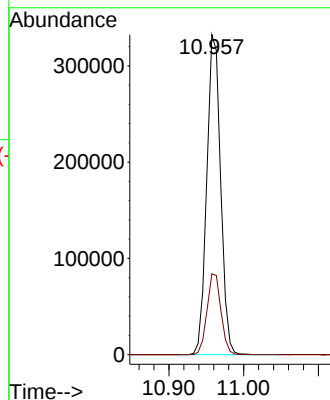
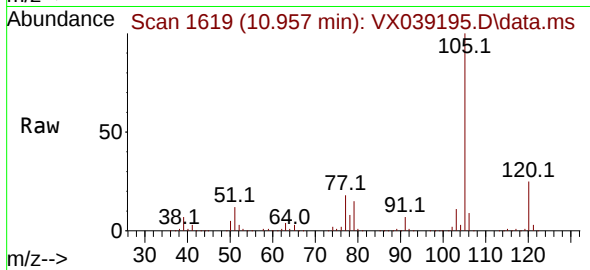
120 25.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#74

N-ethyl acetate

Concen: 50.094 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Tgt Ion: 43 Resp: 223087

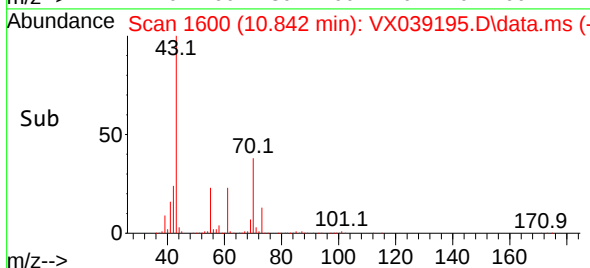
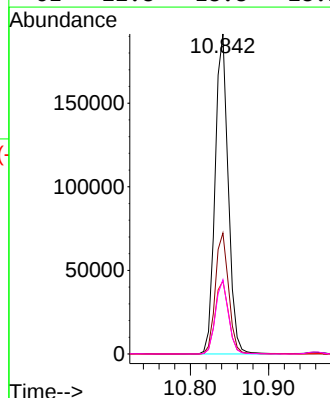
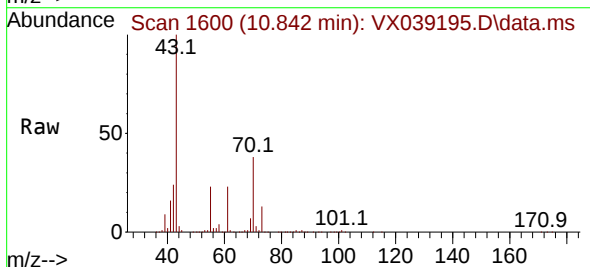
Ion Ratio Lower Upper

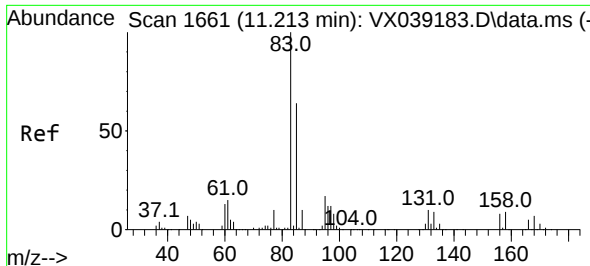
43 100

70 38.2 32.9 49.3

55 23.5 19.3 28.9

61 22.8 18.8 28.2





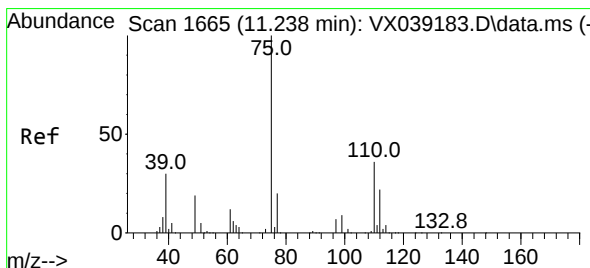
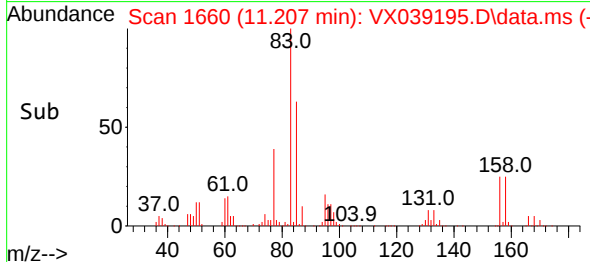
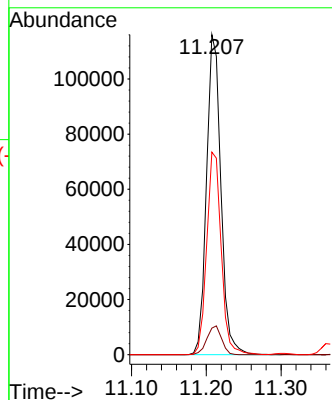
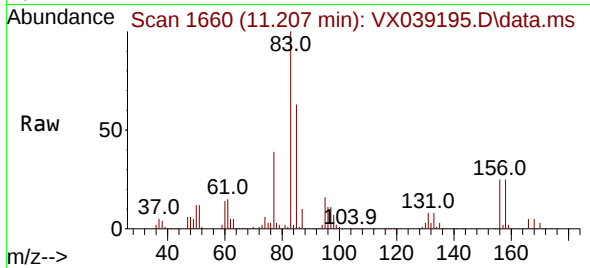
#75
1,1,2,2-Tetrachloroethane
Concen: 47.222 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 154620
Ion Ratio Lower Upper
83 100
131 9.2 5.3 15.8
85 63.9 32.0 96.2

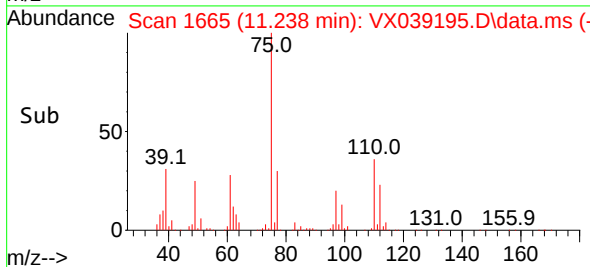
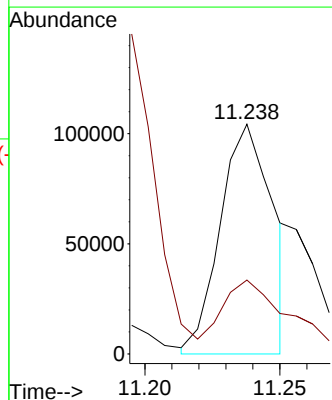
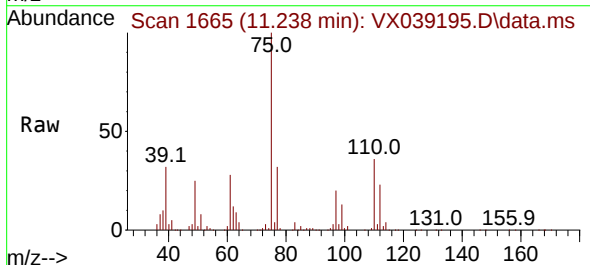
Manual Integrations
APPROVED

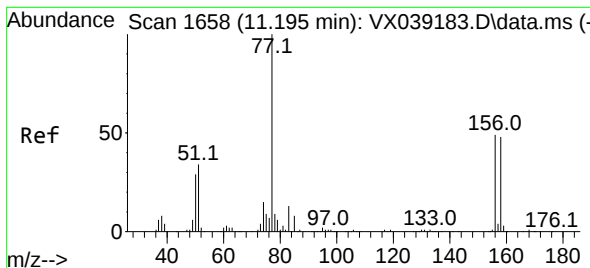
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#76
1,2,3-Trichloropropane
Concen: 47.696 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Tgt Ion: 75 Resp: 140775
Ion Ratio Lower Upper
75 100
77 41.6 19.1 57.5





#77

Bromobenzene

Concen: 46.953 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

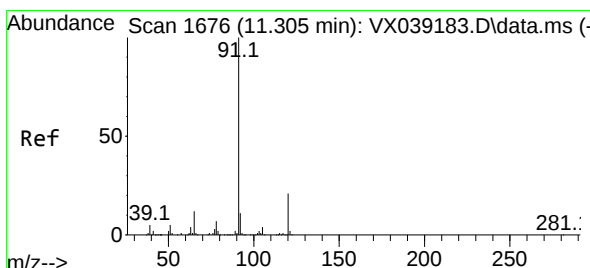
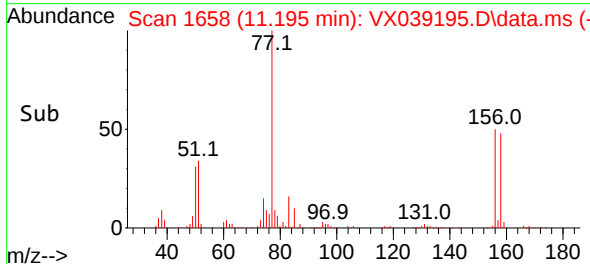
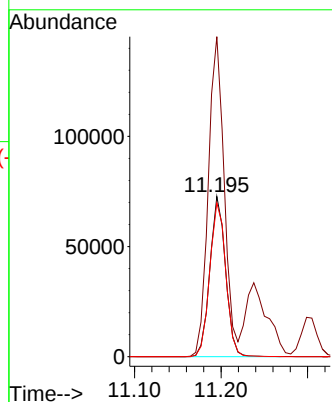
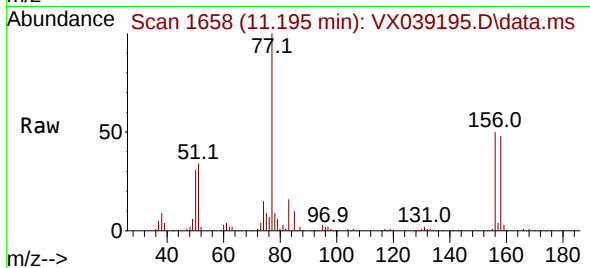
Tgt Ion:	156	Resp:	91390
Ion Ratio	Lower	Upper	
156	100		
77	202.3	88.4	265.3
158	98.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#78

n-propylbenzene

Concen: 49.086 ug/l

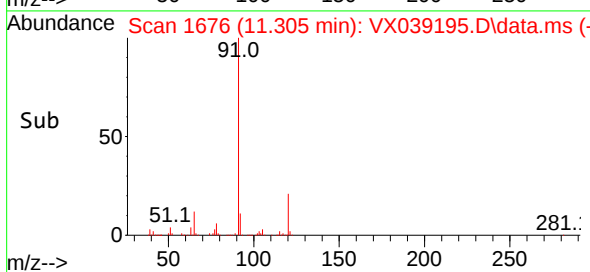
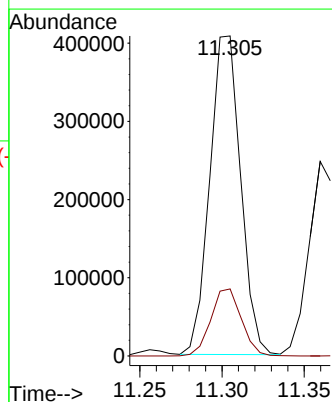
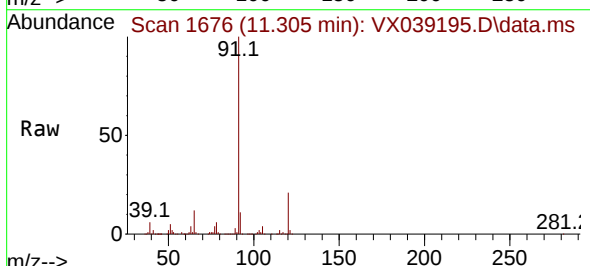
RT: 11.305 min Scan# 1676

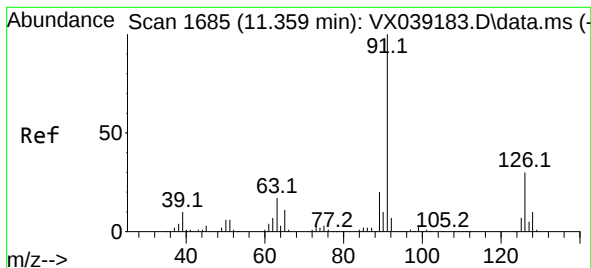
Delta R.T. 0.000 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Tgt Ion:	91	Resp:	532322
Ion Ratio	Lower	Upper	
91	100		
120	20.9	11.5	34.4





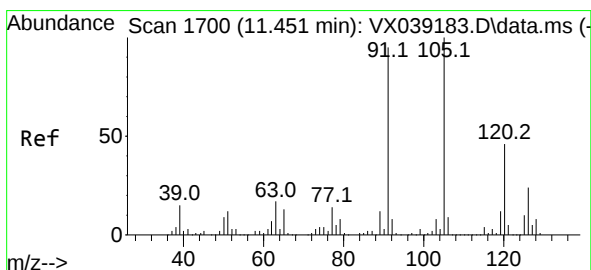
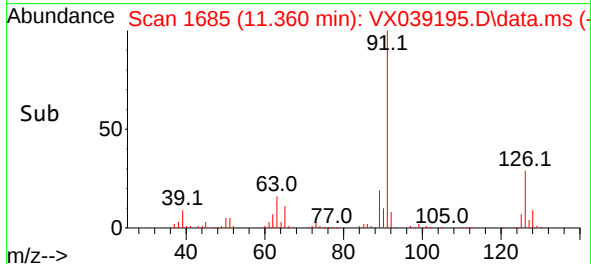
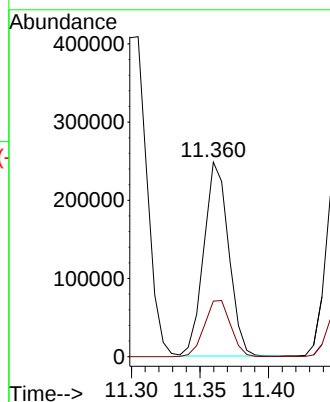
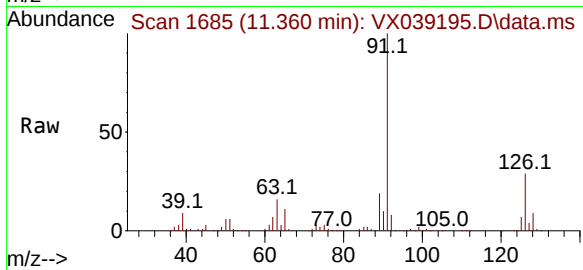
#79
2-Chlorotoluene
Concen: 47.736 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 313134
Ion Ratio Lower Upper
91 100
126 30.6 16.3 48.8

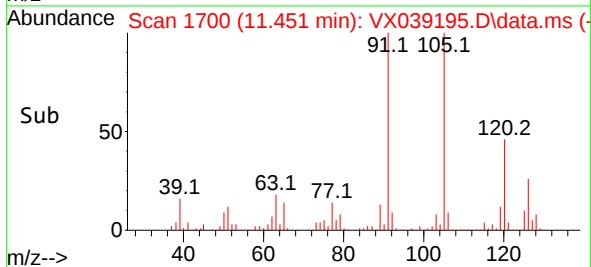
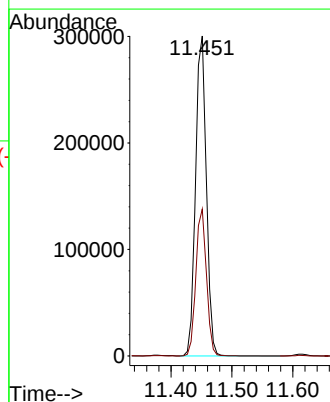
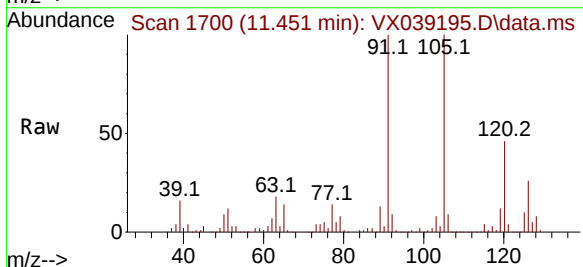
Manual Integrations
APPROVED

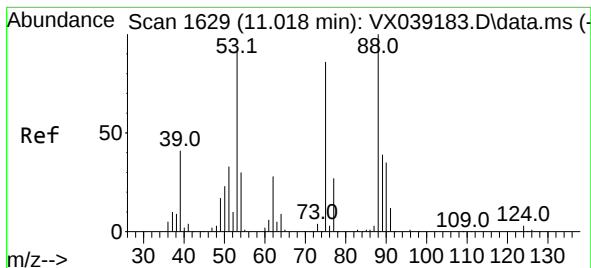
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.124 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

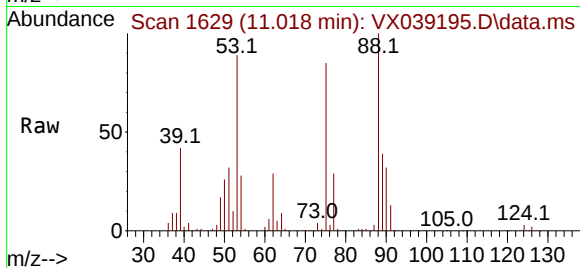
Tgt Ion:105 Resp: 368348
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.740 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

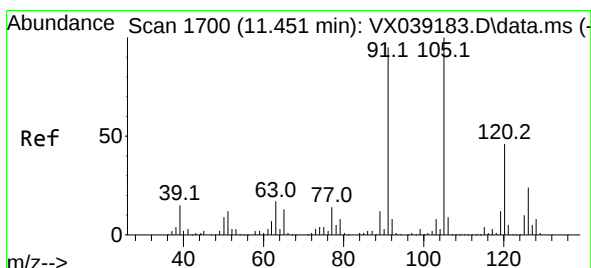
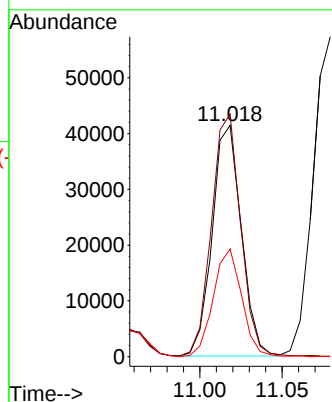
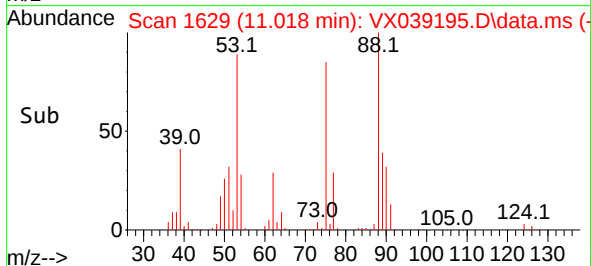
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



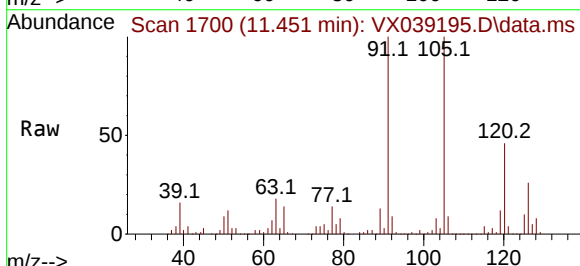
Tgt Ion: 75 Resp: 50998
Ion Ratio Lower Upper
75 100
53 105.0 90.5 135.7
89 45.7 36.9 55.3

Manual Integrations
APPROVED

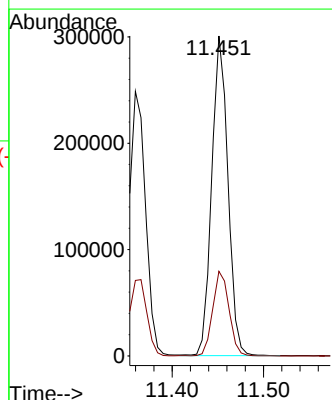
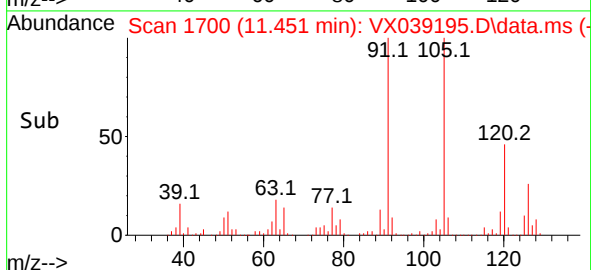
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

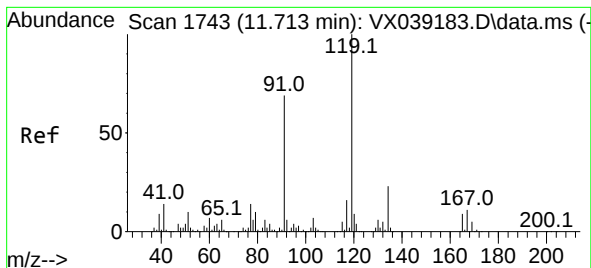


#82
4-Chlorotoluene
Concen: 47.937 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41



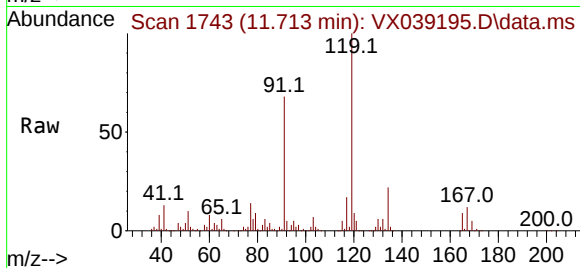
Tgt Ion: 91 Resp: 369335
Ion Ratio Lower Upper
91 100
126 26.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.927 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

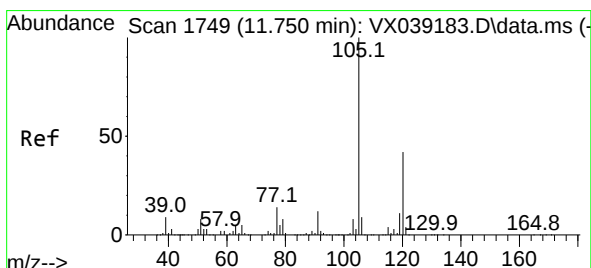
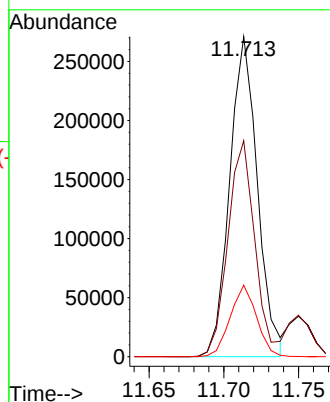
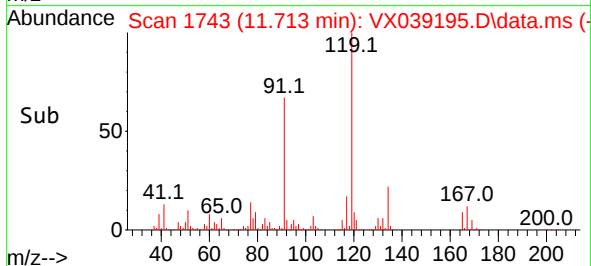
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



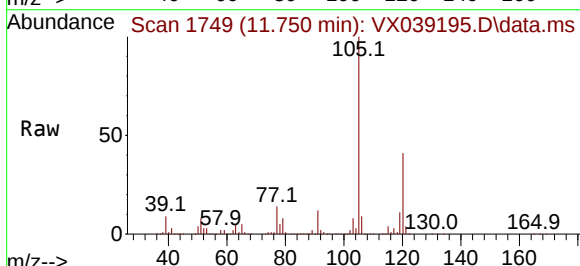
Tgt Ion:119 Resp: 349152
Ion Ratio Lower Upper
119 100
91 66.0 31.2 93.6
134 21.3 11.7 35.0

Manual Integrations
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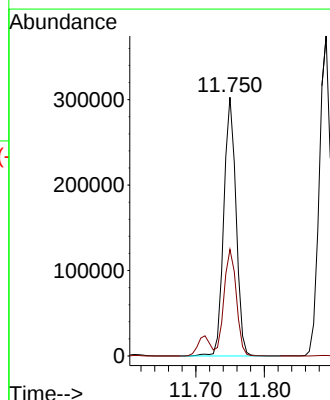
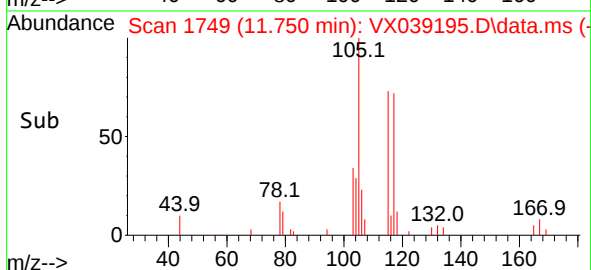
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

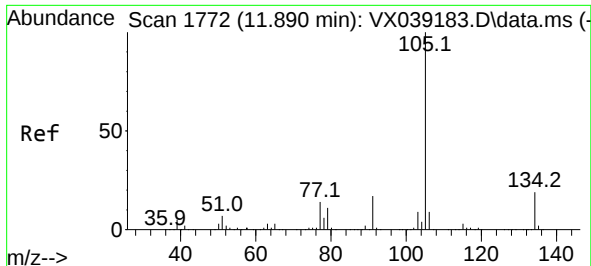


#84
1,2,4-Trimethylbenzene
Concen: 48.587 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41



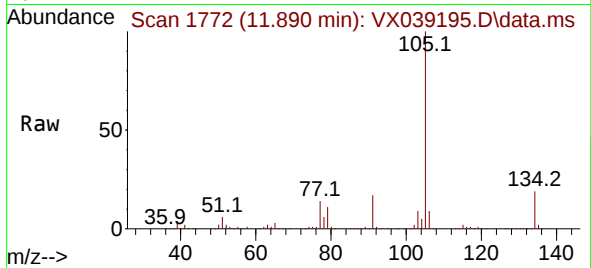
Tgt Ion:105 Resp: 373609
Ion Ratio Lower Upper
105 100
120 41.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 48.940 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039195.D
 Acq: 14 Dec 2023 09:41

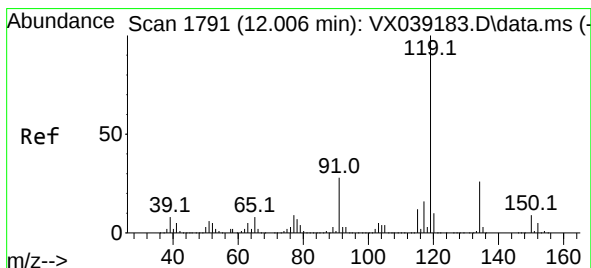
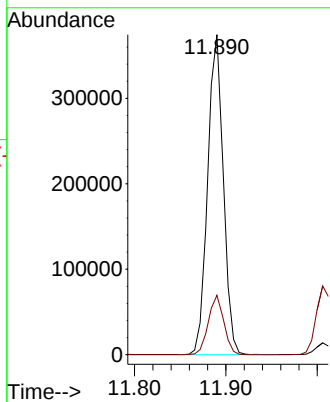
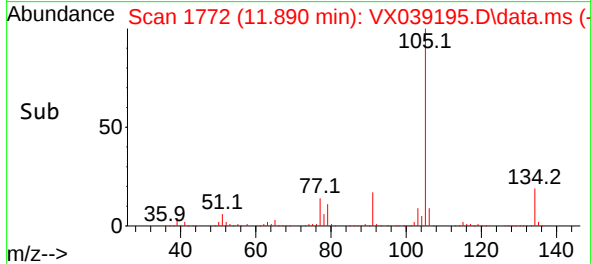
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



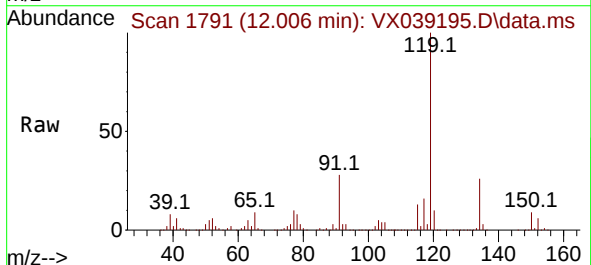
Tgt Ion:105 Resp: 444410
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.8 29.4

Manual Integrations
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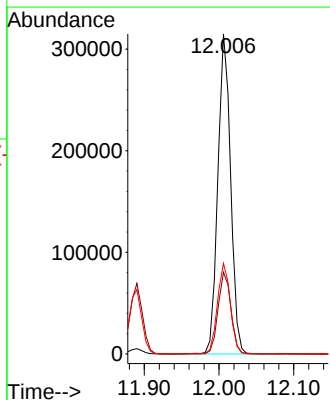
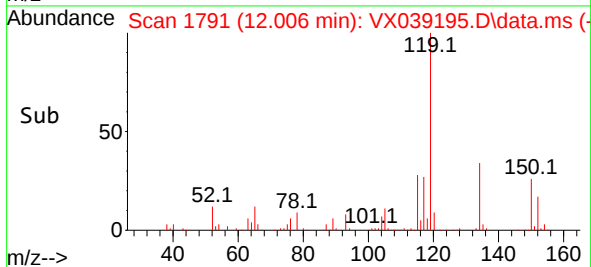
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023

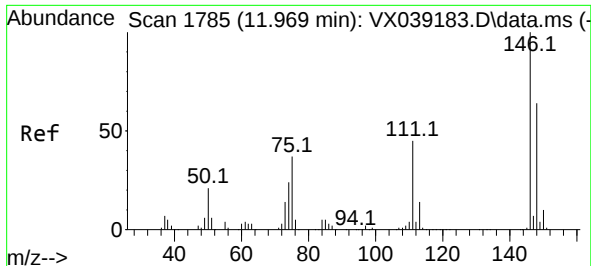


#86
 p-Isopropyltoluene
 Concen: 49.167 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039195.D
 Acq: 14 Dec 2023 09:41



Tgt Ion:119 Resp: 374690
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 28.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.554 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 181840

Ion Ratio Lower Upper

146 100

111 45.7 22.1 66.1

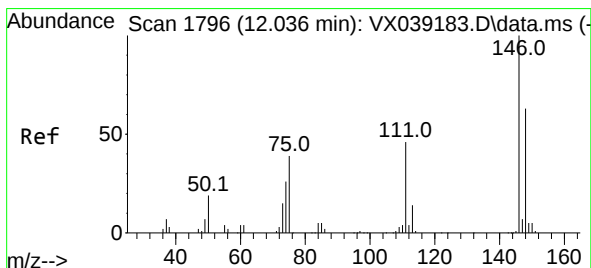
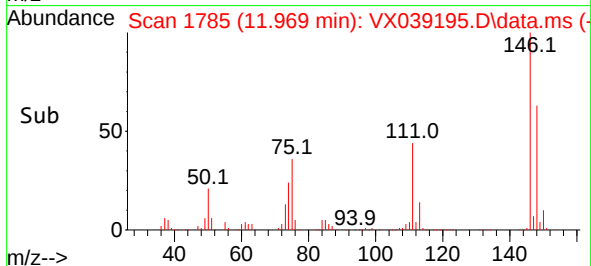
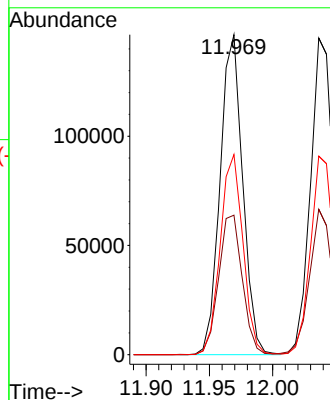
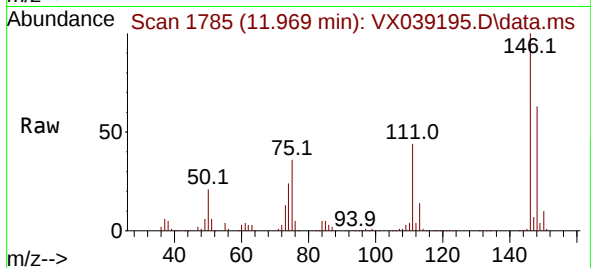
148 62.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#88

1,4-Dichlorobenzene

Concen: 46.068 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

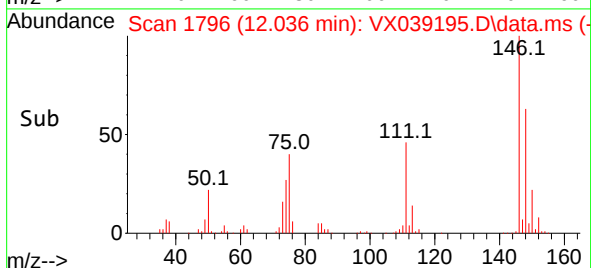
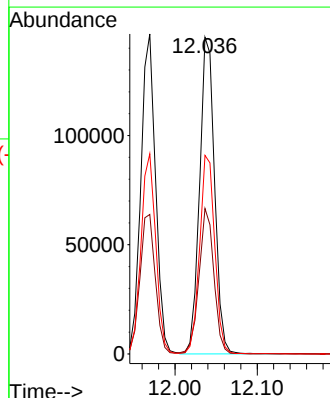
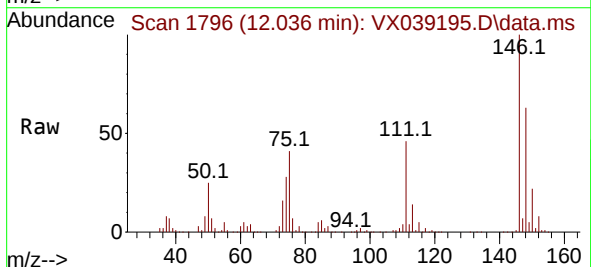
Tgt Ion:146 Resp: 183418

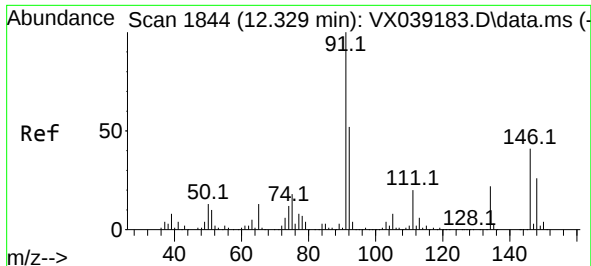
Ion Ratio Lower Upper

146 100

111 45.6 21.3 63.7

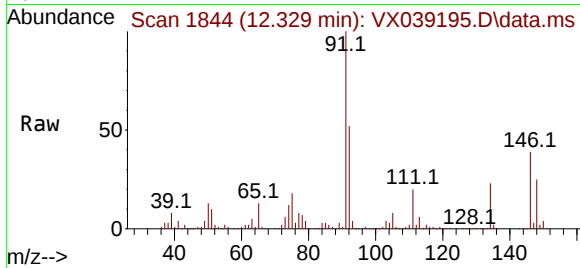
148 63.3 31.8 95.4





#89
n-Butylbenzene
Concen: 50.746 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

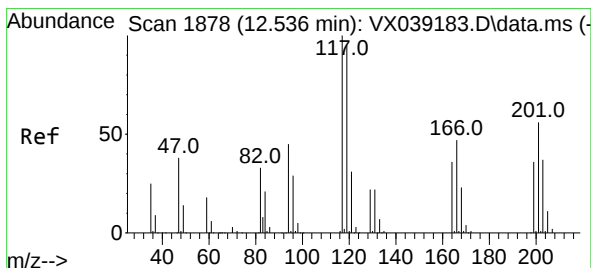
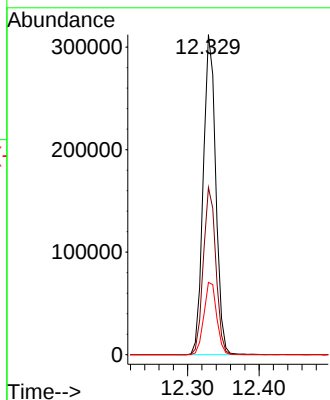
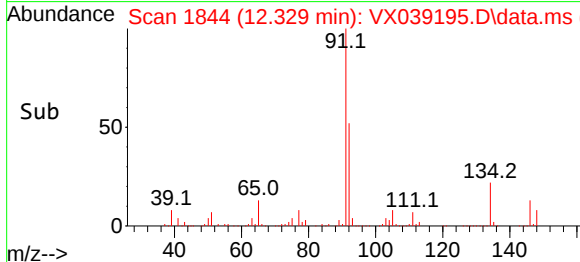
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 380160
Ion Ratio Lower Upper
91 100
92 52.4 27.4 82.0
134 23.2 12.6 37.8

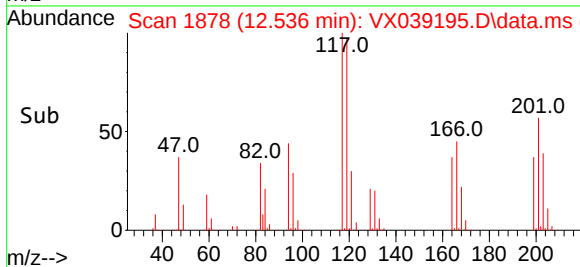
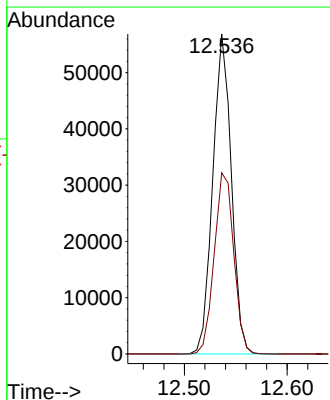
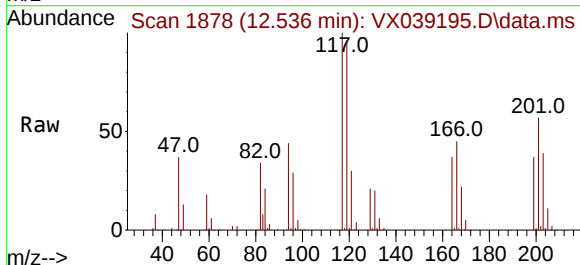
Manual Integrations
APPROVED

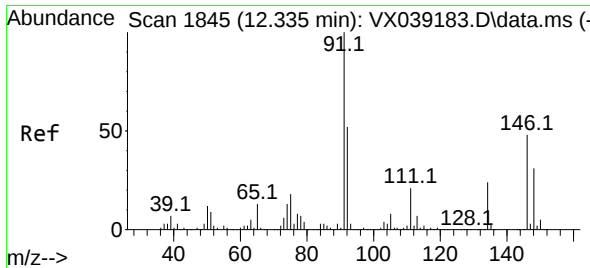
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#90
Hexachloroethane
Concen: 51.632 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

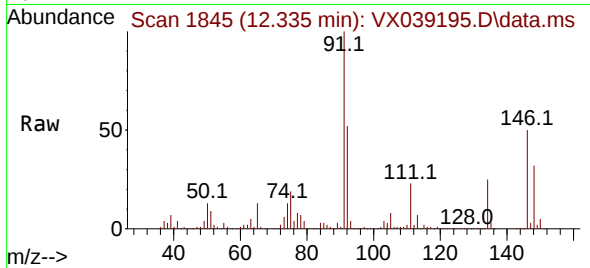
Tgt Ion:117 Resp: 71077
Ion Ratio Lower Upper
117 100
201 59.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 47.050 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41

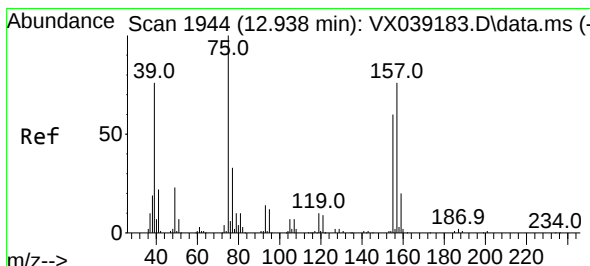
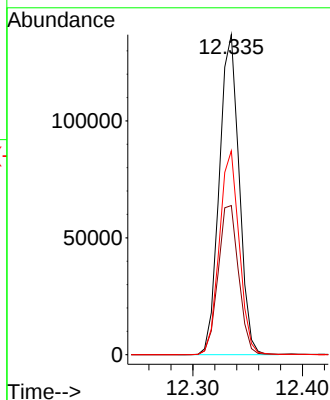
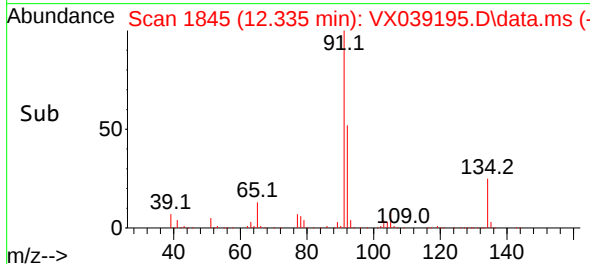
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



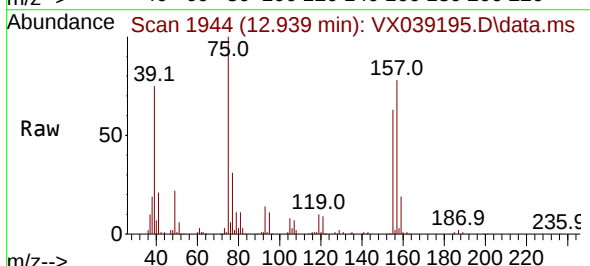
Tgt Ion:146 Resp: 172144
Ion Ratio Lower Upper
146 100
111 48.4 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations
APPROVED

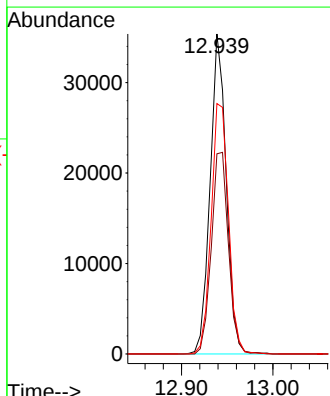
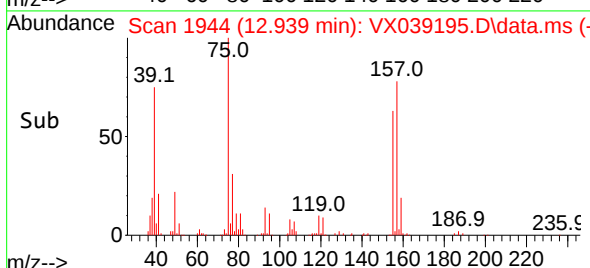
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

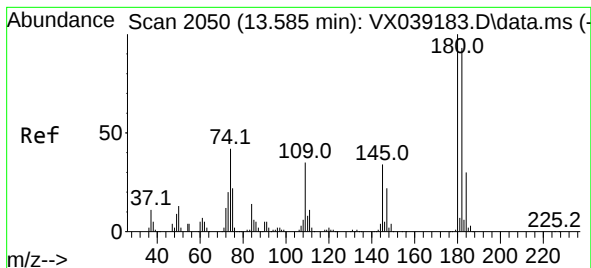


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.297 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039195.D
Acq: 14 Dec 2023 09:41



Tgt Ion: 75 Resp: 43378
Ion Ratio Lower Upper
75 100
155 66.8 36.1 108.5
157 83.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.008 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

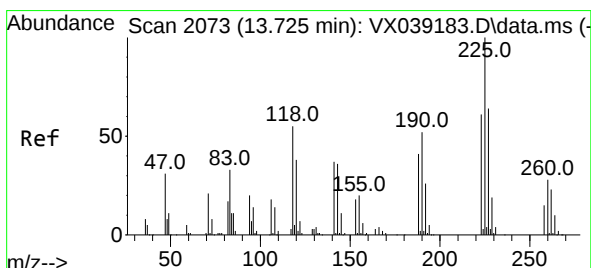
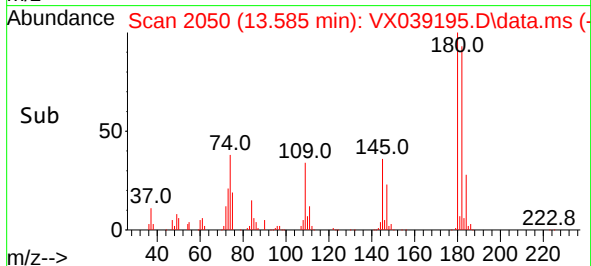
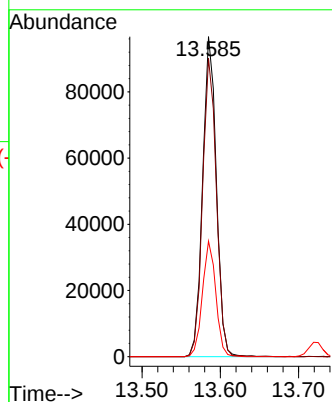
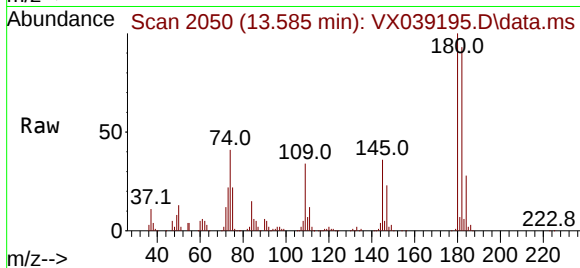
Tgt Ion:	180	Resp:	11741
Ion Ratio	Lower	Upper	
180	100		
182	93.9	48.3	144.8
145	35.2	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#94

Hexachlorobutadiene

Concen: 48.003 ug/l

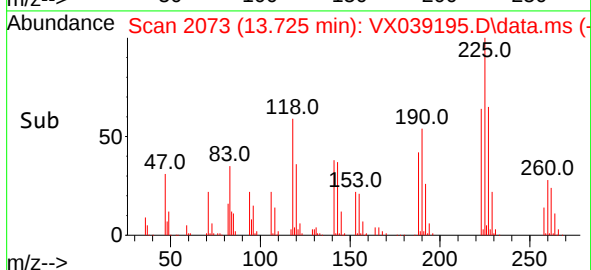
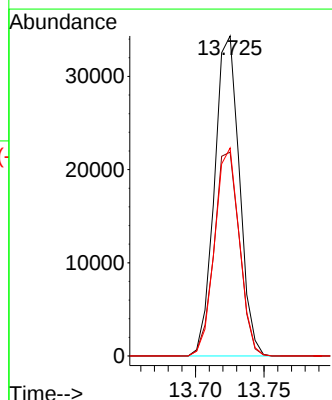
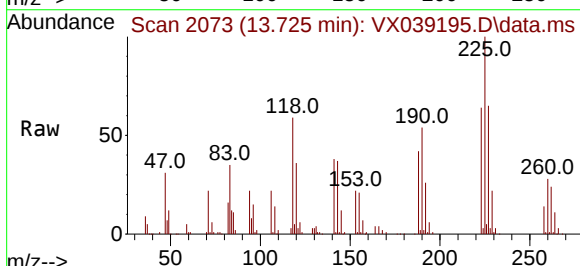
RT: 13.725 min Scan# 2073

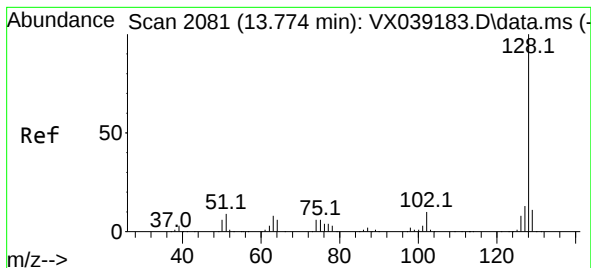
Delta R.T. 0.000 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Tgt Ion:	225	Resp:	43340
Ion Ratio	Lower	Upper	
225	100		
223	64.8	31.1	93.2
227	64.4	32.5	97.5





#95

Naphthalene

Concen: 48.737 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 406634

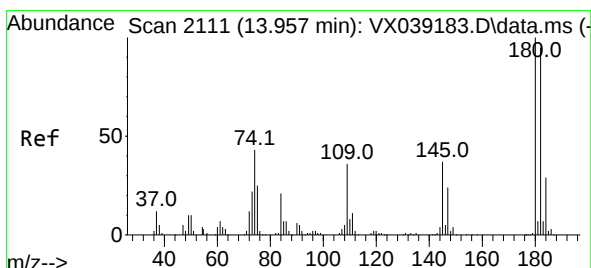
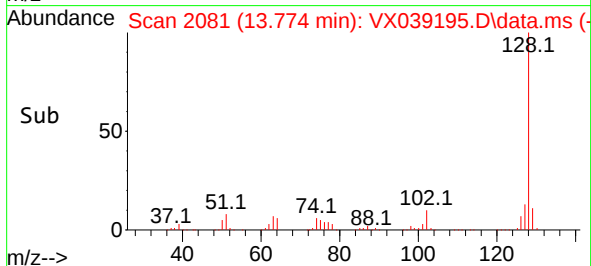
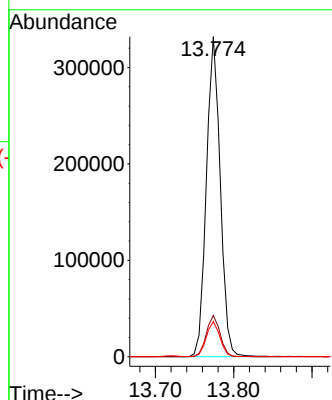
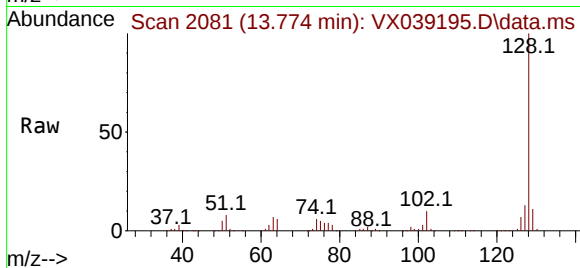
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 48.448 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039195.D

Acq: 14 Dec 2023 09:41

Tgt Ion:180 Resp: 112051

Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.9	140.6
145	36.4	17.8	53.5

