

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013398.D
 Acq On : 24 Apr 2023 13:19
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 25 02:02:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 24 14:03:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	237801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	370103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	319454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	362285	138.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 277.960%#	
35) Dibromofluoromethane	7.716	113	329807	141.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 283.360%#	
50) Toluene-d8	10.179	98	1157793	139.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 279.640%#	
62) 4-Bromofluorobenzene	12.483	95	385444	138.069	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 276.140%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	347545	153.731	ug/l	99
3) Chloromethane	2.113	50	468240	154.516	ug/l	99
4) Vinyl Chloride	2.253	62	476603	157.957	ug/l	99
5) Bromomethane	2.650	94	376767	156.695	ug/l	99
6) Chloroethane	2.790	64	356773	171.159	ug/l	99
7) Trichlorofluoromethane	3.125	101	677179	148.150	ug/l	100
8) Diethyl Ether	3.528	74	240694	154.633	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	384446	149.946	ug/l	94
10) Methyl Iodide	4.088	142	519698	161.385	ug/l	100
11) Tert butyl alcohol	5.003	59	225303	832.079	ug/l	100
12) 1,1-Dichloroethene	3.869	96	377315	152.671	ug/l	85
13) Acrolein	3.729	56	173185	779.088	ug/l	96
14) Allyl chloride	4.479	41	737520	160.828	ug/l	97
15) Acrylonitrile	5.168	53	705628	809.461	ug/l	99
16) Acetone	3.954	43	837649	815.951	ug/l	98
17) Carbon Disulfide	4.192	76	1228395	153.014	ug/l	99
18) Methyl Acetate	4.479	43	549101	161.947	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	1156168	162.042	ug/l	98
20) Methylene Chloride	4.716	84	437400	152.606	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	414825	153.514	ug/l	95
22) Diisopropyl ether	6.119	45	1470448	164.054	ug/l	94
23) Vinyl Acetate	6.058	43	4796570	938.062	ug/l	95
24) 1,1-Dichloroethane	6.015	63	776801	155.501	ug/l	98
25) 2-Butanone	6.990	43	1090184	837.350	ug/l	93
26) 2,2-Dichloropropane	6.978	77	668054	155.196	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	466001	156.083	ug/l	93
28) Bromochloromethane	7.332	49	266292	150.218	ug/l #	80
29) Tetrahydrofuran	7.350	42	685764	846.169	ug/l	90
30) Chloroform	7.509	83	760554	153.129	ug/l	99
31) Cyclohexane	7.783	56	700604	150.109	ug/l #	88
32) 1,1,1-Trichloroethane	7.704	97	670611	151.309	ug/l	97
36) 1,1-Dichloropropene	7.917	75	590991	152.977	ug/l	97
37) Ethyl Acetate	7.076	43	498933	171.617	ug/l	94
38) Carbon Tetrachloride	7.899	117	605653	149.575	ug/l	98
39) Methylcyclohexane	9.185	83	734542	161.281	ug/l	95
40) Benzene	8.161	78	1656656	152.233	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	219644	161.778	ug/l	95
42) 1,2-Dichloroethane	8.234	62	538048	151.230	ug/l	99
43) Isopropyl Acetate	8.271	43	832345	169.620	ug/l	95
44) Trichloroethene	8.941	130	429948	148.529	ug/l	94
45) 1,2-Dichloropropane	9.216	63	441518	155.171	ug/l	100
46) Dibromomethane	9.307	93	259519	152.435	ug/l	93
47) Bromodichloromethane	9.496	83	587887	154.320	ug/l	99
48) Methyl methacrylate	9.295	41	394656	175.116	ug/l	91
49) 1,4-Dioxane	9.313	88	79608	3274.022	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	2246668	821.609	ug/l	96
52) Toluene	10.246	92	1013828	154.814	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	639429	158.597	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	707537	155.959	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	342360	151.850	ug/l	96
56) Ethyl methacrylate	10.508	69	526764	168.408	ug/l	88
57) 1,3-Dichloropropane	10.788	76	588594	154.148	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	881344	751.414	ug/l	92
59) 2-Hexanone	10.831	43	1632425	821.246	ug/l	95
60) Dibromochloromethane	10.984	129	416976	152.315	ug/l	100
61) 1,2-Dibromoethane	11.087	107	339721	153.260	ug/l	100
64) Tetrachloroethene	10.721	164	359790	148.114	ug/l	95
65) Chlorobenzene	11.514	112	1041831	149.711	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	384268	147.647	ug/l	99
67) Ethyl Benzene	11.593	91	1925582	157.578	ug/l	99
68) m/p-Xylenes	11.703	106	1444566	310.965	ug/l	98
69) o-Xylene	12.026	106	683092	155.481	ug/l	96
70) Styrene	12.044	104	1157262	157.538	ug/l	99
71) Bromoform	12.209	173	272889	149.693	ug/l	100
73) Isopropylbenzene	12.331	105	1805920	162.833	ug/l	98
74) N-amyl acetate	12.142	43	688075	174.341	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	422726	155.938	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	561535	277.343	ug/l #	100
77) Bromobenzene	12.611	156	409564	152.407	ug/l	87
78) n-propylbenzene	12.672	91	2185613	159.993	ug/l	97
79) 2-Chlorotoluene	12.758	91	1204876	157.944	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	1431328	158.121	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	160664	166.194	ug/l	97
82) 4-Chlorotoluene	12.855	91	1244738	156.550	ug/l	96
83) tert-Butylbenzene	13.075	119	1235322	157.517	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1396422	158.670	ug/l	99
85) sec-Butylbenzene	13.251	105	1828687	155.367	ug/l	98
86) p-Isopropyltoluene	13.367	119	1473147	155.638	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	758389	148.129	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	754677	145.922	ug/l	99
89) n-Butylbenzene	13.696	91	1461354	158.187	ug/l	98
90) Hexachloroethane	13.959	117	302361	151.780	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	694427	150.202	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	77672	162.233	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	420856	152.681	ug/l	99
94) Hexachlorobutadiene	15.111	225	221732	138.219	ug/l	99
95) Naphthalene	15.233	128	1032902	172.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	375055	152.660	ug/l	99

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ClientSampleId :
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QLast Update : Mon Apr 24 14:03:33 2023
Response via : Initial Calibration

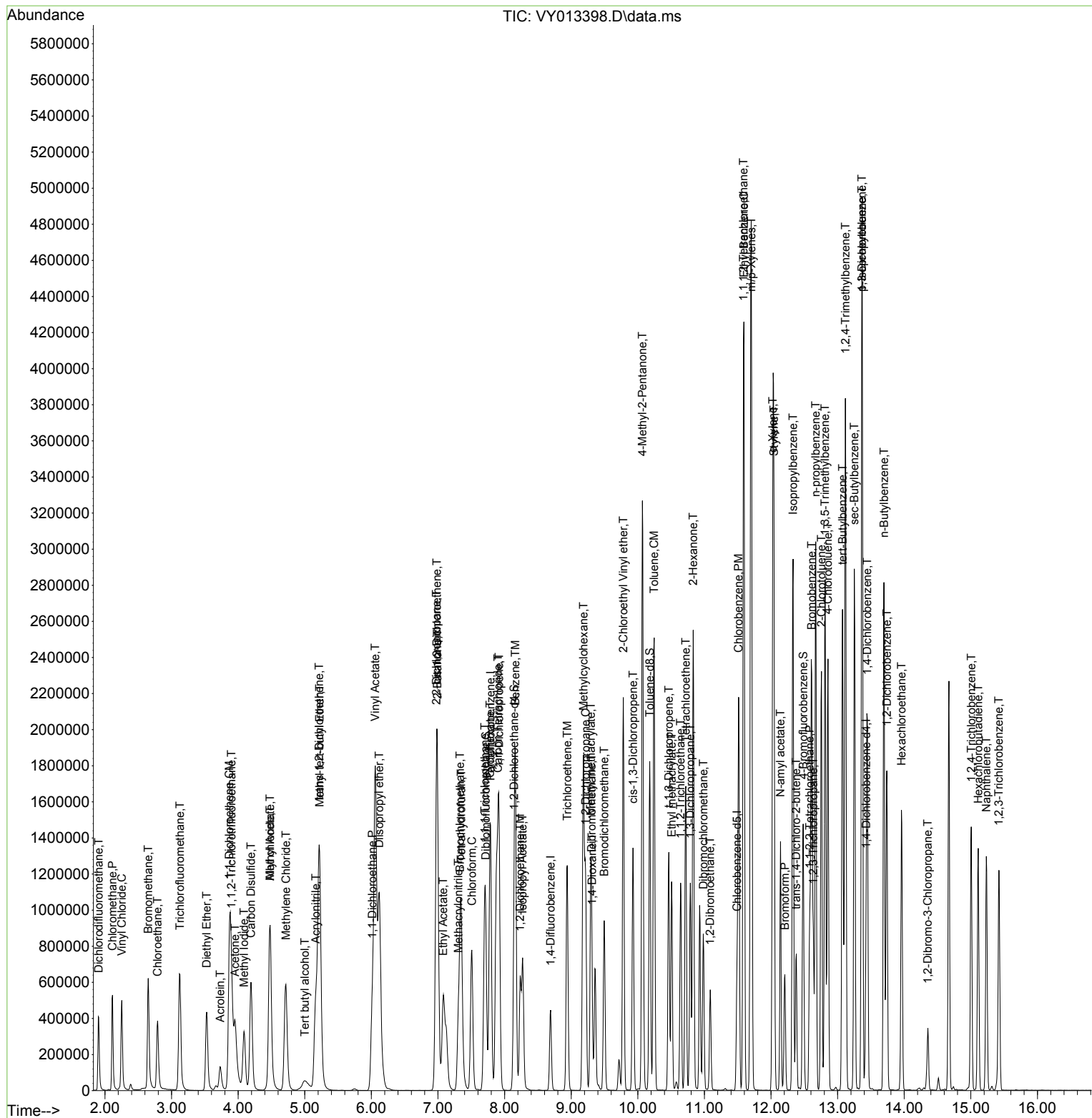
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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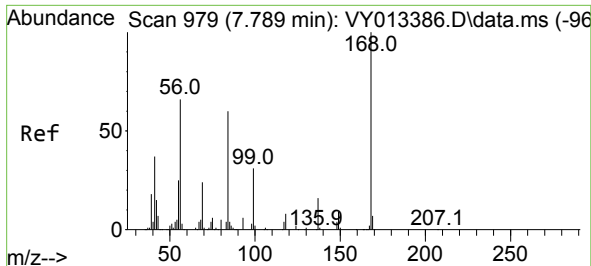
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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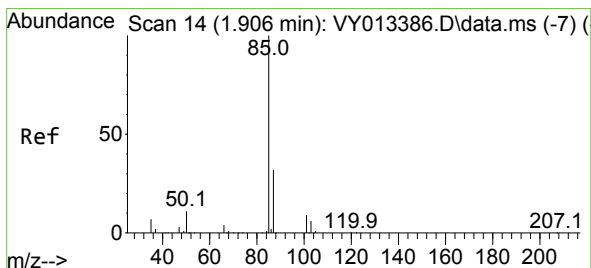
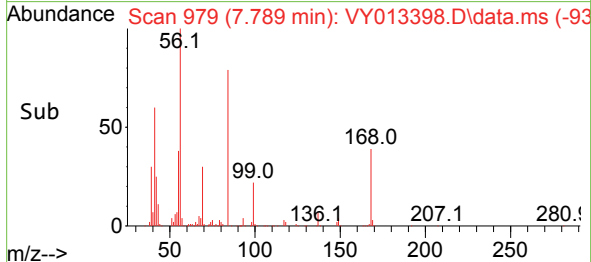
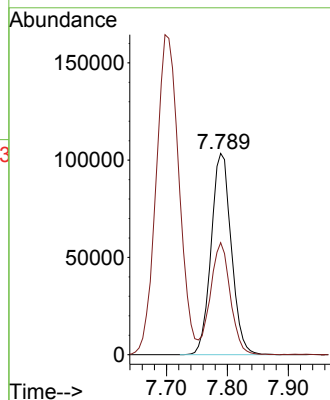
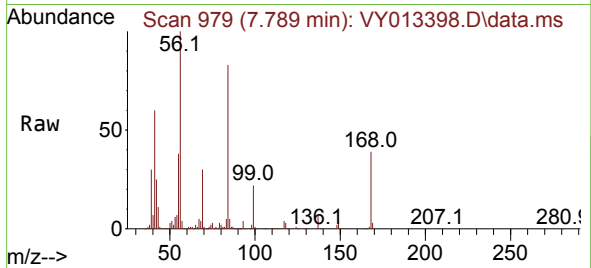




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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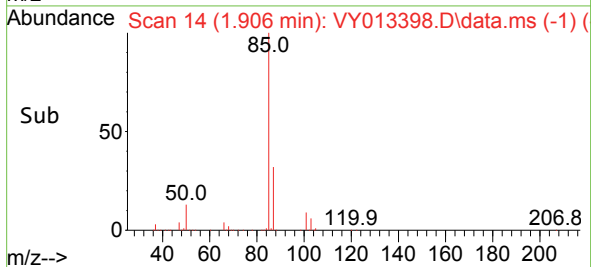
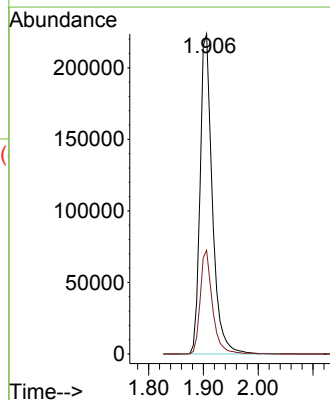
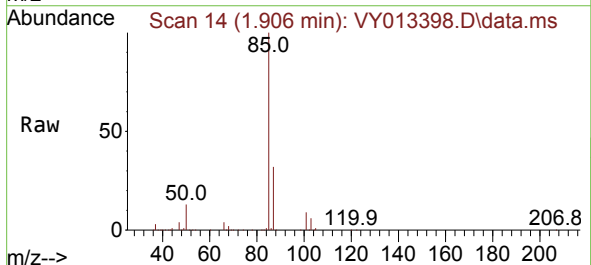
Instrument :
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ClientSampleId :
VSTDIC150

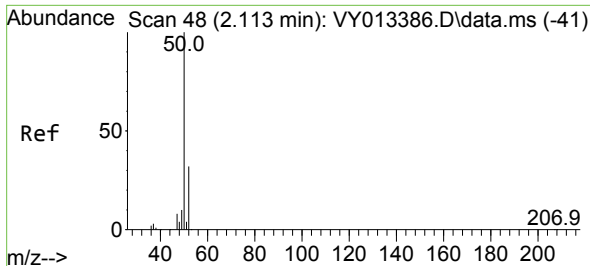
Tgt Ion:168 Resp: 237801
Ion Ratio Lower Upper
168 100
99 55.6 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 153.731 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 85 Resp: 347545
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2

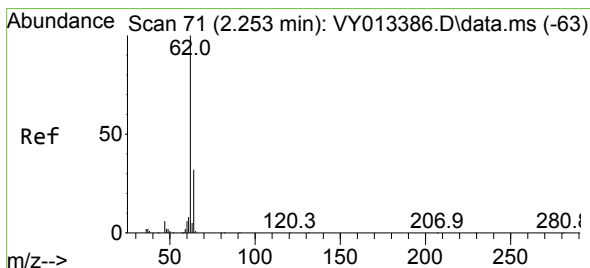
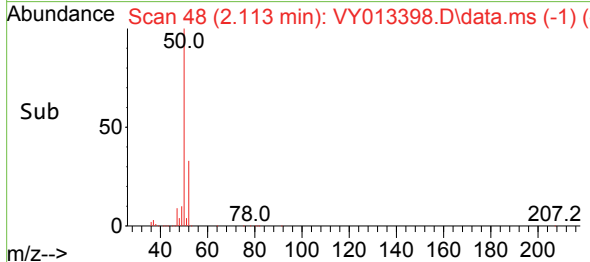
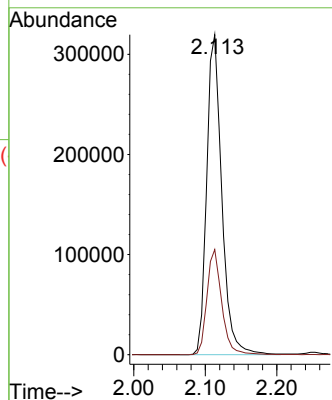
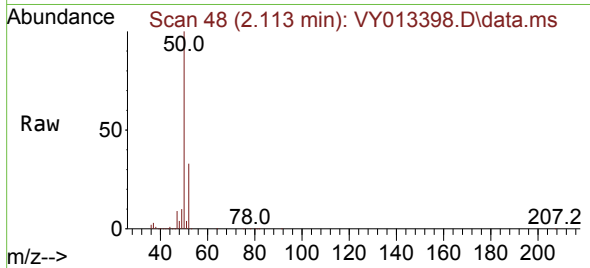




#3
Chloromethane
Concen: 154.516 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

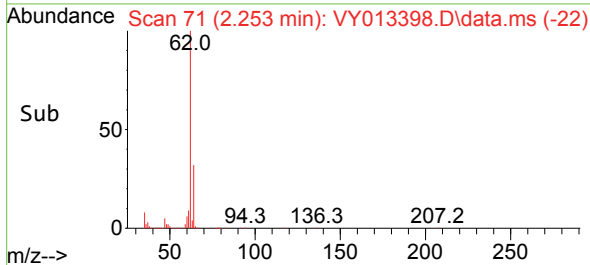
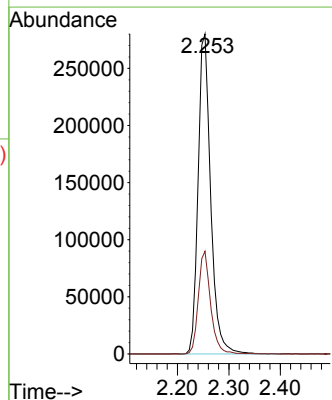
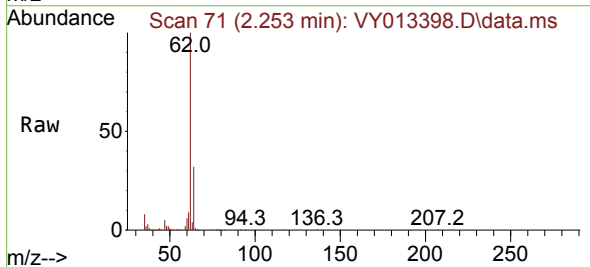
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ClientSampleId :
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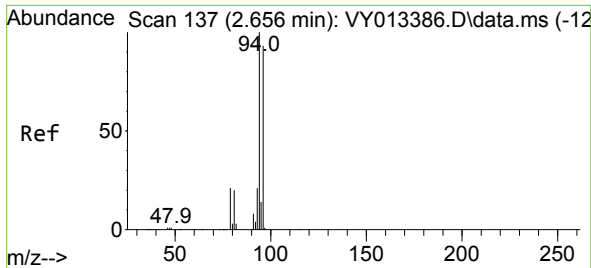
Tgt Ion: 50 Resp: 468240
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9



#4
Vinyl Chloride
Concen: 157.957 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 62 Resp: 476603
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

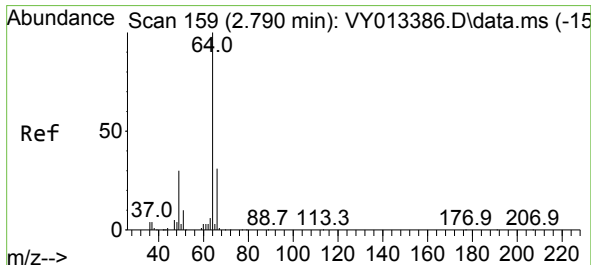
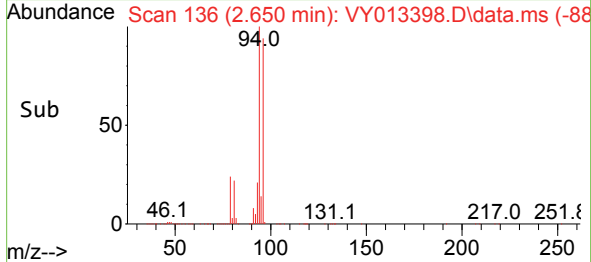
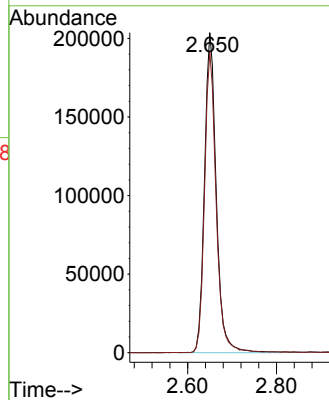
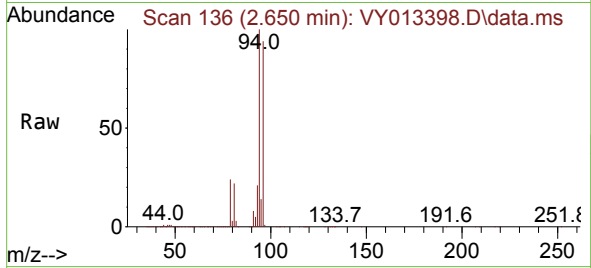




#5
Bromomethane
Concen: 156.695 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013398.D
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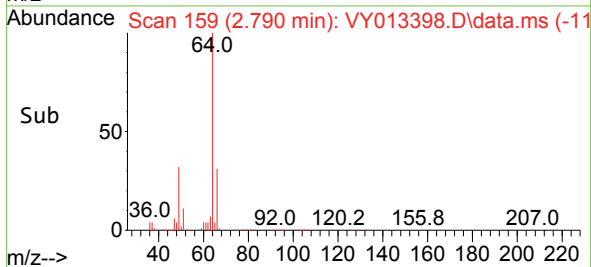
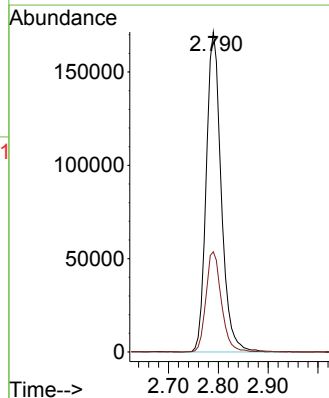
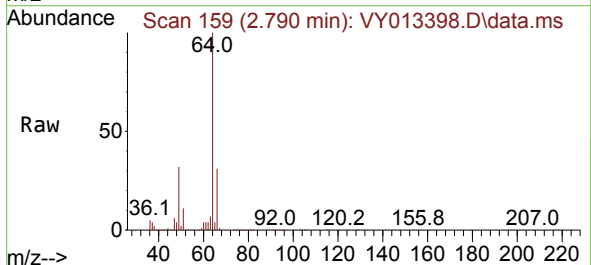
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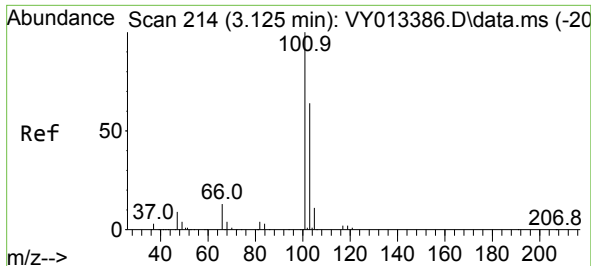
Tgt Ion: 94 Resp: 376767
Ion Ratio Lower Upper
94 100
96 93.9 74.2 111.2



#6
Chloroethane
Concen: 171.159 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013398.D
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Tgt Ion: 64 Resp: 356773
Ion Ratio Lower Upper
64 100
66 31.3 24.6 37.0

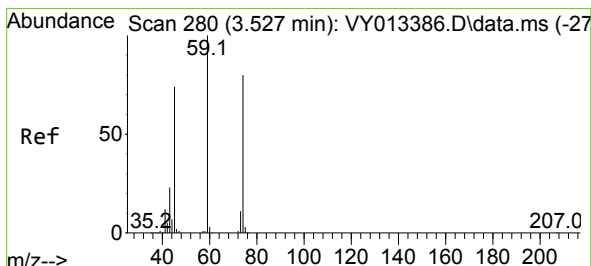
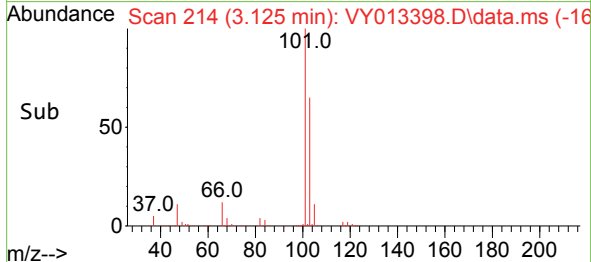
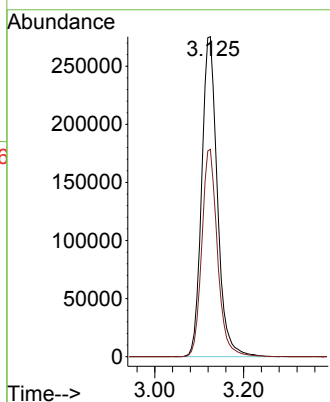
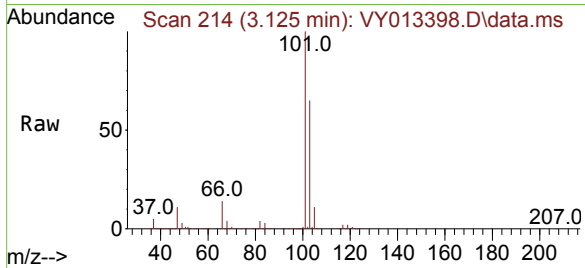




#7
 Trichlorofluoromethane
 Concen: 148.150 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013398.D
 Acq: 24 Apr 2023 13:19

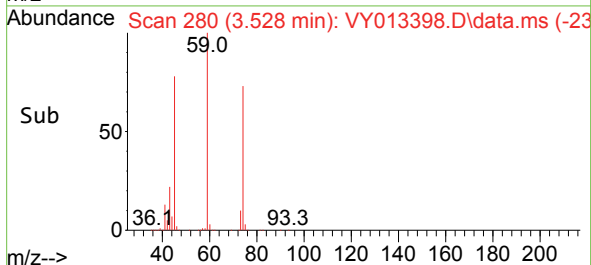
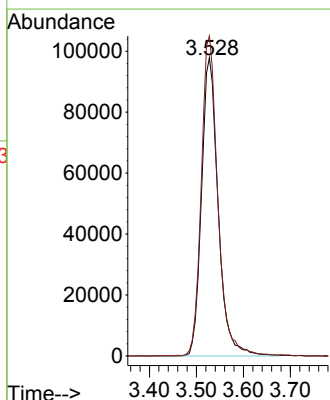
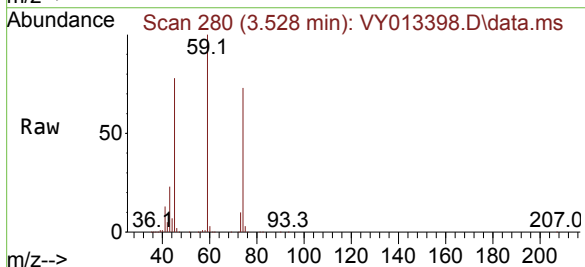
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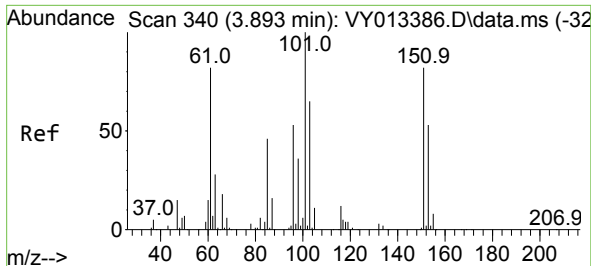
Tgt Ion:101 Resp: 677179
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.6 77.4



#8
 Diethyl Ether
 Concen: 154.633 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY013398.D
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Tgt Ion: 74 Resp: 240694
 Ion Ratio Lower Upper
 74 100
 45 107.4 48.2 144.6

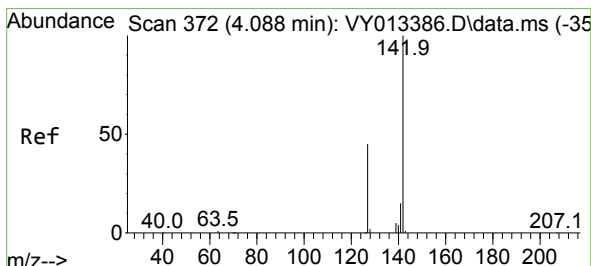
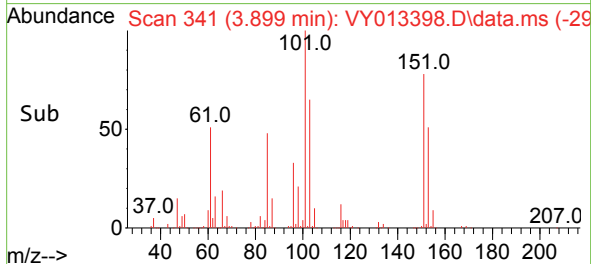
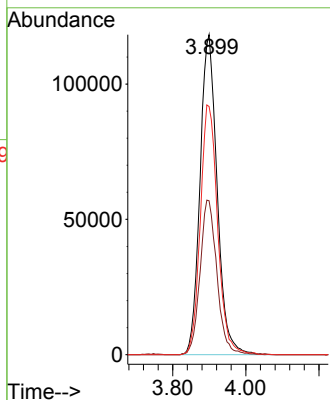
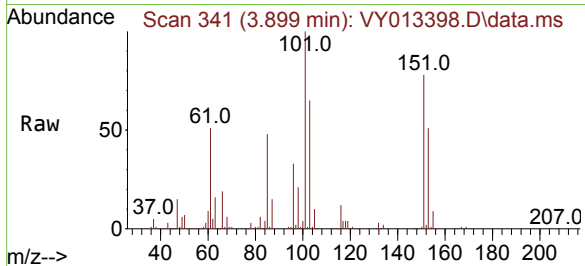




#9
1,1,2-Trichlorotrifluoroethane
Concen: 149.946 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

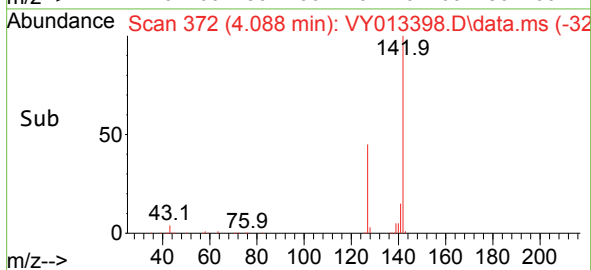
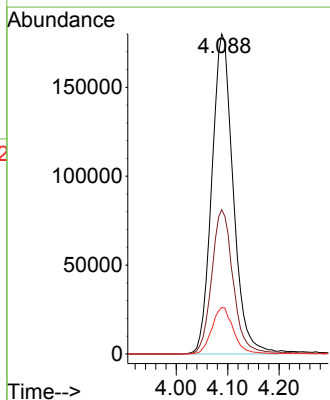
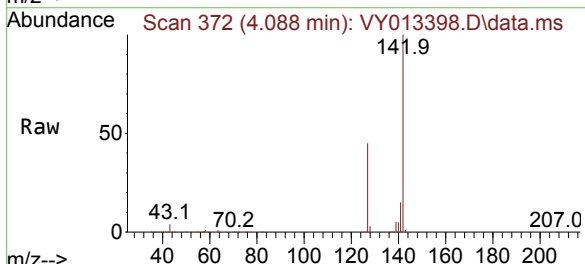
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

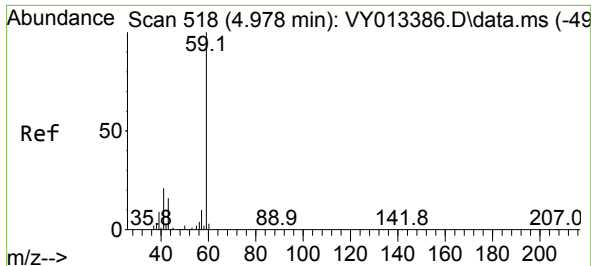
Tgt Ion:101 Resp: 384446
Ion Ratio Lower Upper
101 100
85 47.7 35.6 53.4
151 79.1 68.0 102.0



#10
Methyl Iodide
Concen: 161.385 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion:142 Resp: 519698
Ion Ratio Lower Upper
142 100
127 45.3 36.1 54.1
141 14.7 11.6 17.4

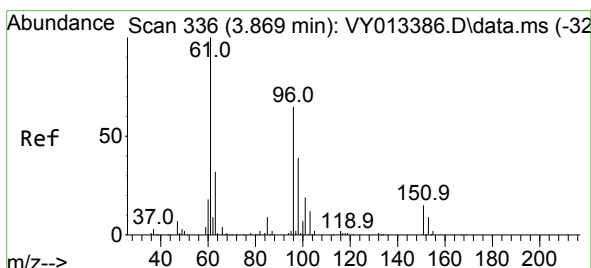
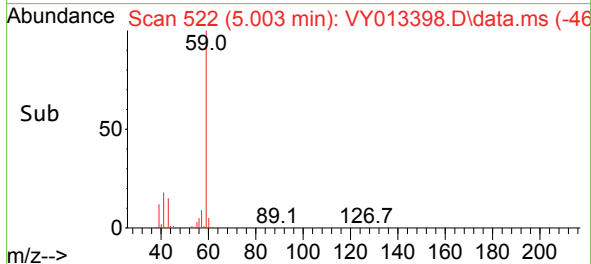
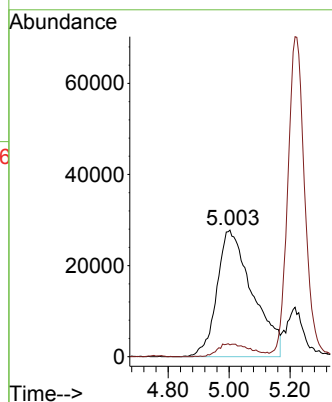
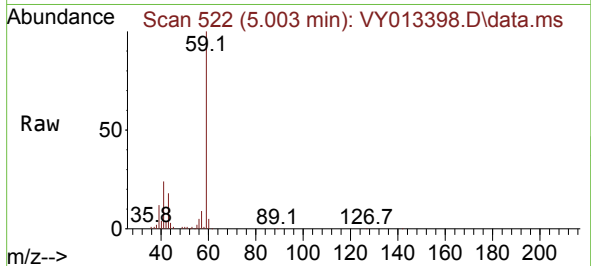




#11
Tert butyl alcohol
Concen: 832.079 ug/l
RT: 5.003 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

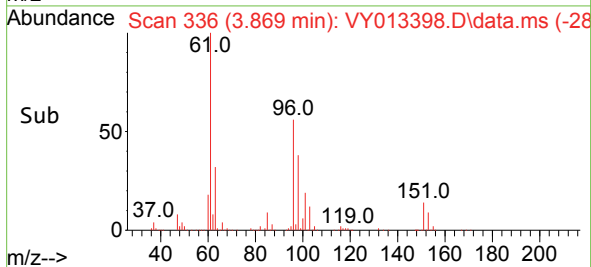
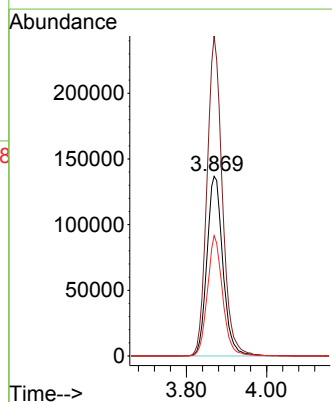
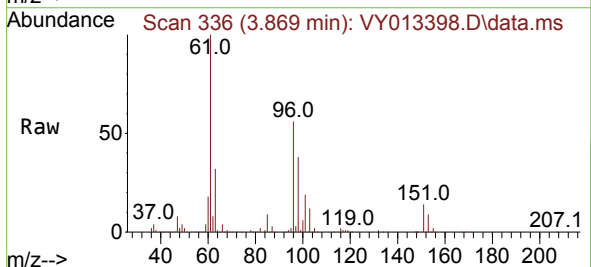
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

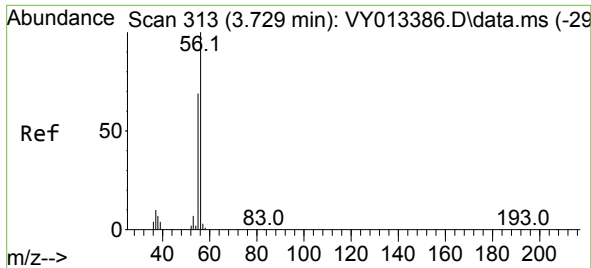
Tgt Ion: 59 Resp: 225303
Ion Ratio Lower Upper
59 100
57 3.7 3.0 4.4



#12
1,1-Dichloroethene
Concen: 152.671 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 96 Resp: 377315
Ion Ratio Lower Upper
96 100
61 178.1 123.9 185.9
98 66.9 48.9 73.3

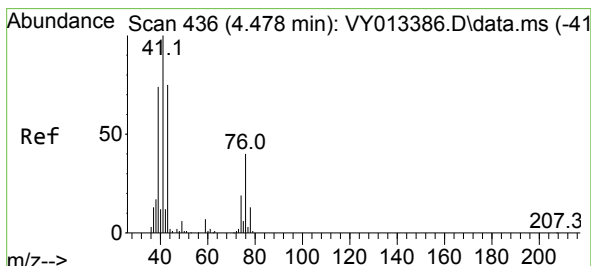
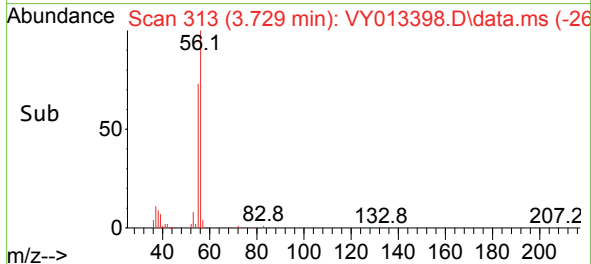
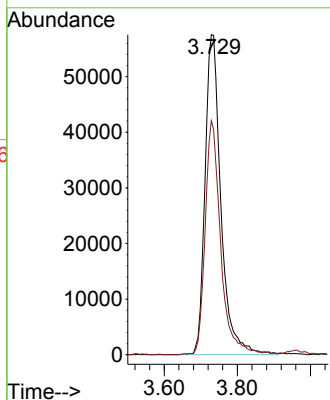
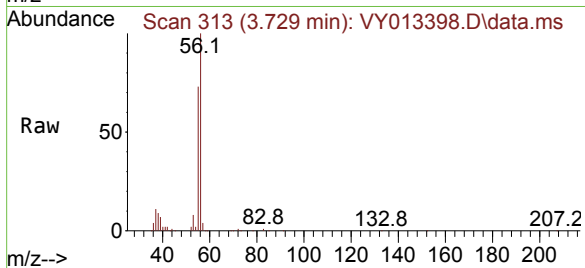




#13
Acrolein
Concen: 779.088 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

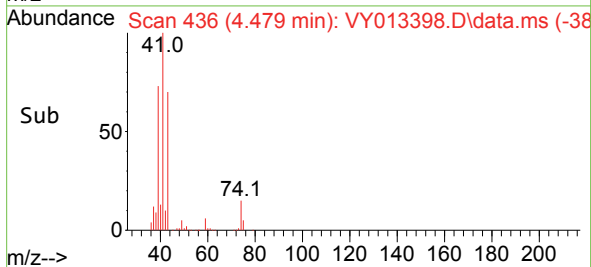
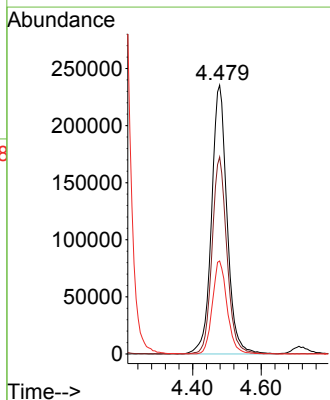
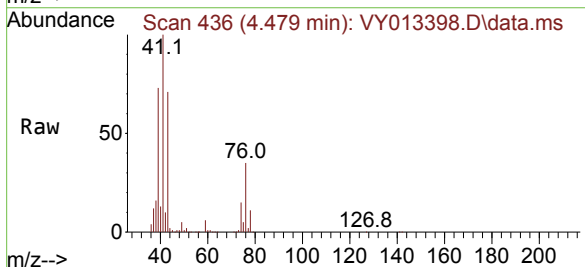
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

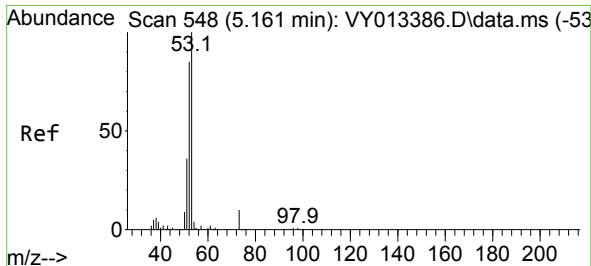
Tgt Ion: 56 Resp: 173185
Ion Ratio Lower Upper
56 100
55 71.2 54.1 81.1



#14
Allyl chloride
Concen: 160.828 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 41 Resp: 737520
Ion Ratio Lower Upper
41 100
39 70.5 56.6 85.0
76 32.7 30.5 45.7

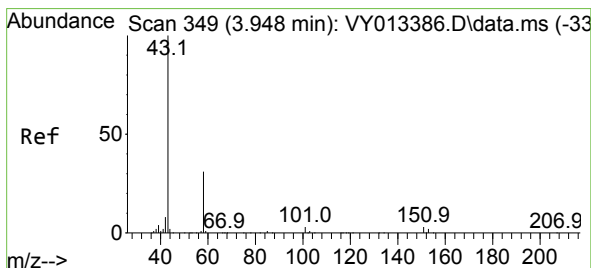
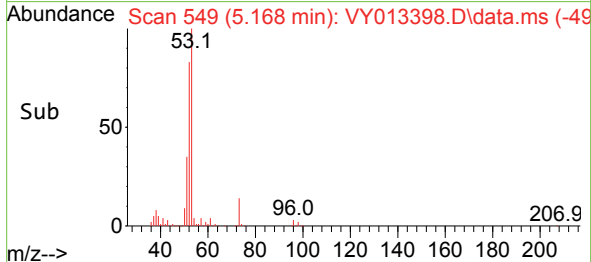
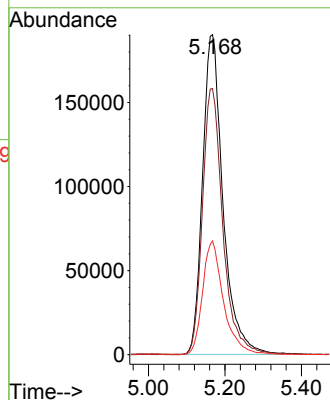
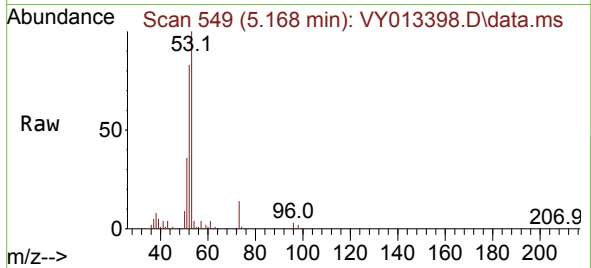




#15
Acrylonitrile
Concen: 809.461 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

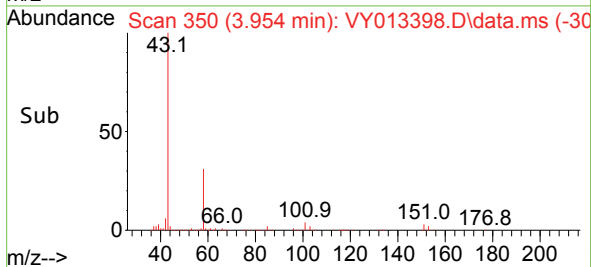
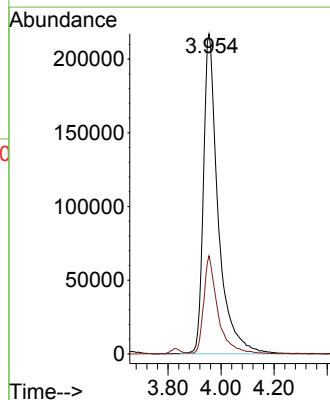
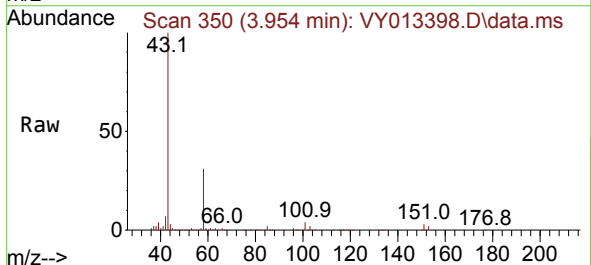
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

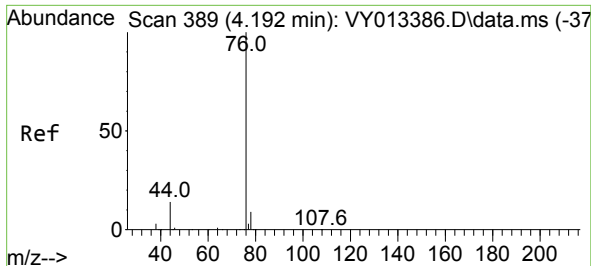
Tgt Ion: 53 Resp: 705628
Ion Ratio Lower Upper
53 100
52 83.3 65.4 98.0
51 36.4 29.3 43.9



#16
Acetone
Concen: 815.951 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 43 Resp: 837649
Ion Ratio Lower Upper
43 100
58 30.6 25.4 38.0

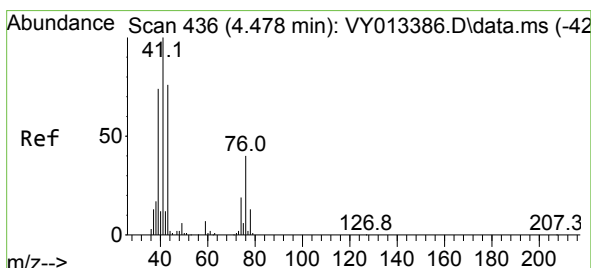
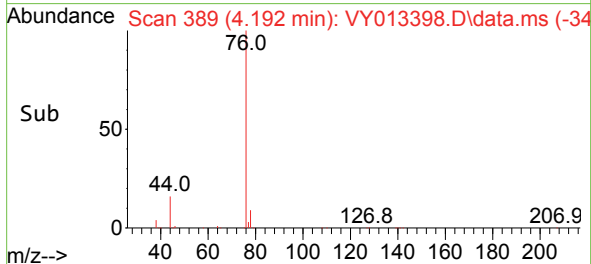
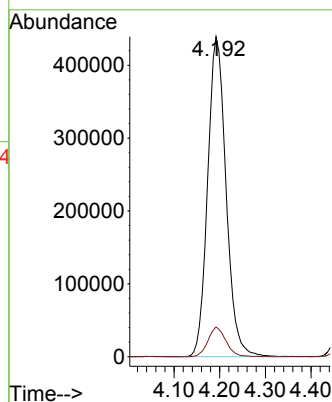
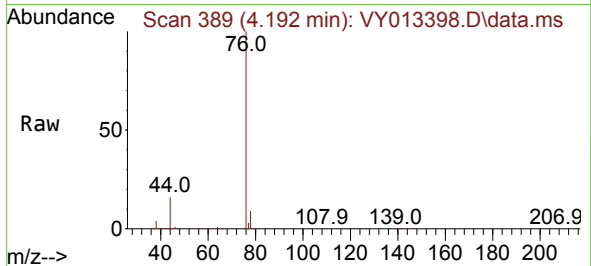




#17
Carbon Disulfide
Concen: 153.014 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

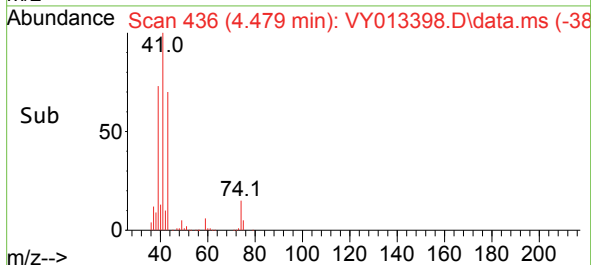
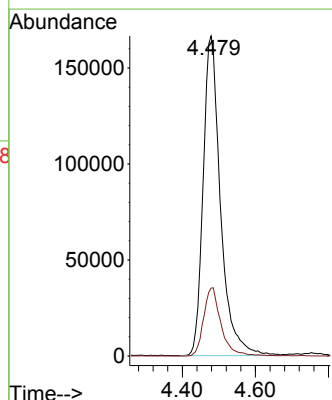
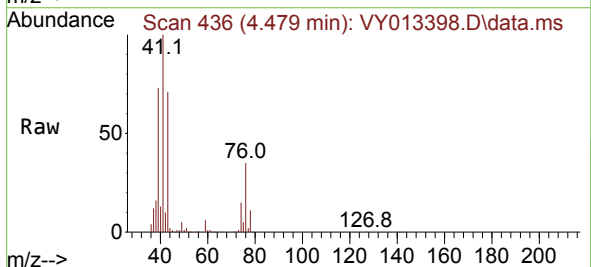
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

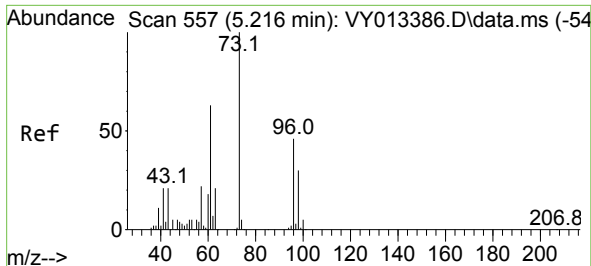
Tgt Ion: 76 Resp: 1228395
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 161.947 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 43 Resp: 549101
Ion Ratio Lower Upper
43 100
74 21.4 19.4 29.2

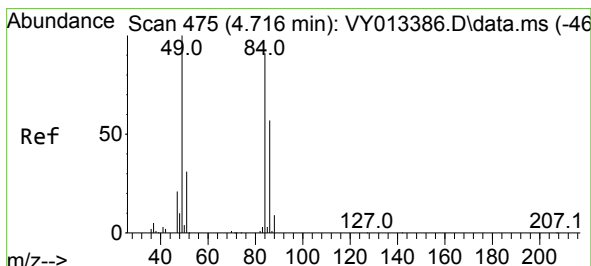
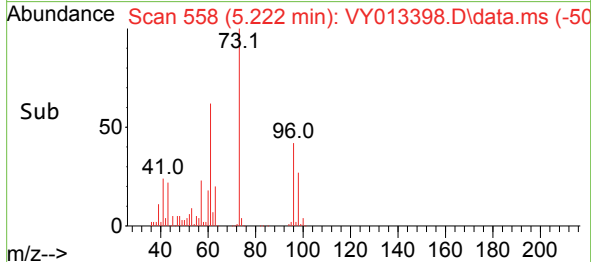
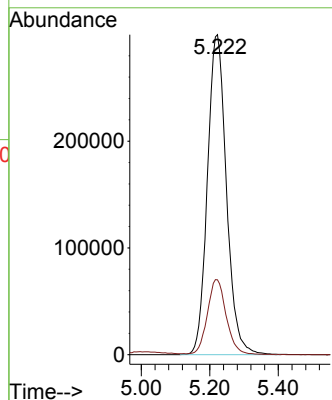
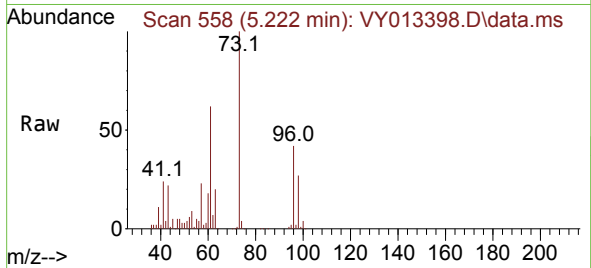




#19
Methyl tert-butyl Ether
Concen: 162.042 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

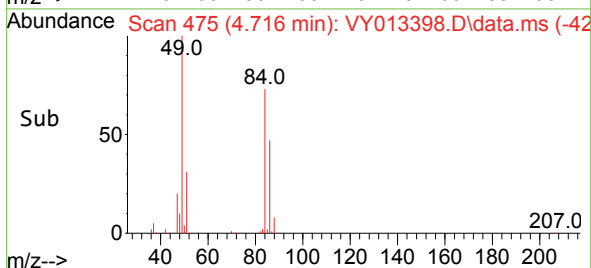
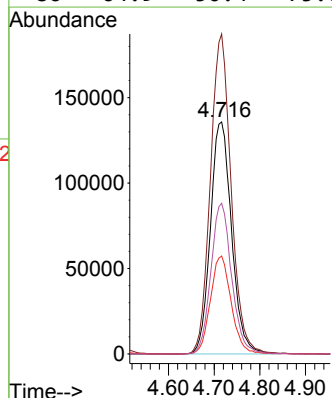
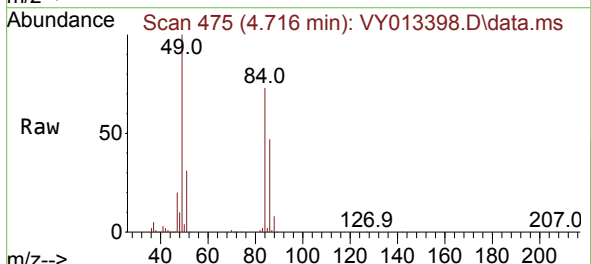
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

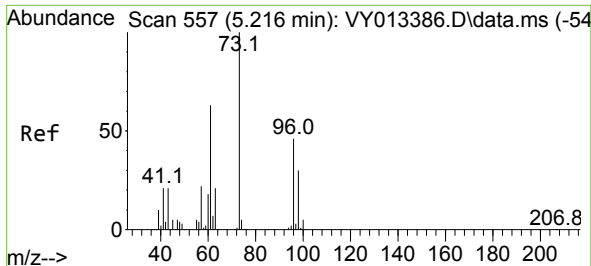
Tgt Ion: 73 Resp: 1156168
Ion Ratio Lower Upper
73 100
57 23.4 17.8 26.8



#20
Methylene Chloride
Concen: 152.606 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 84 Resp: 437400
Ion Ratio Lower Upper
84 100
49 137.9 88.0 132.0#
51 42.2 27.4 41.0#
86 64.9 50.4 75.6

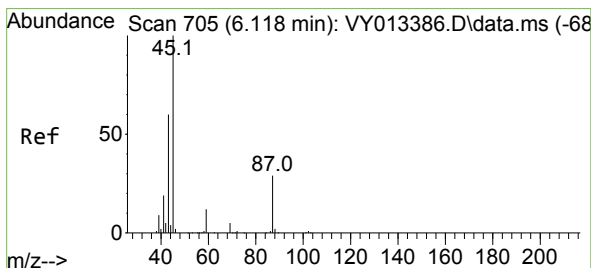
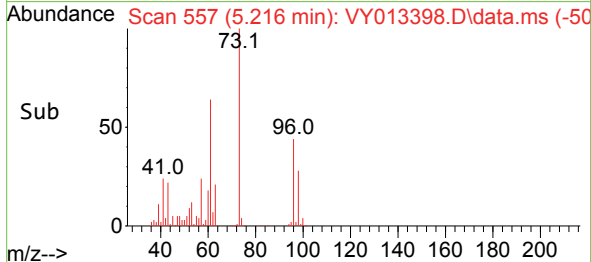
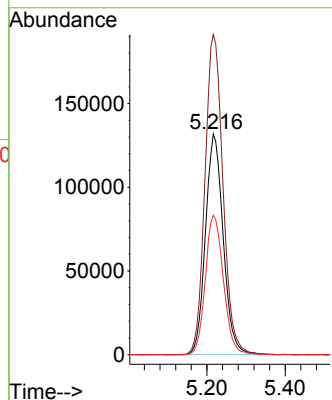
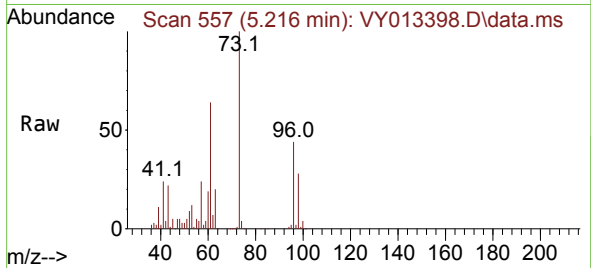




#21
trans-1,2-Dichloroethene
Concen: 153.514 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

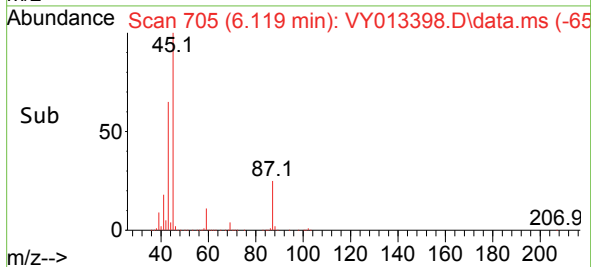
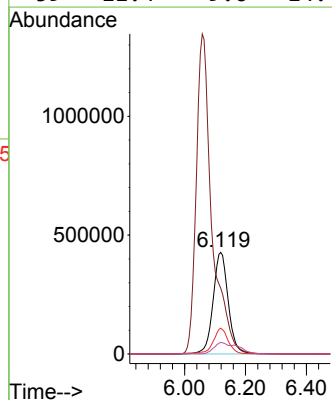
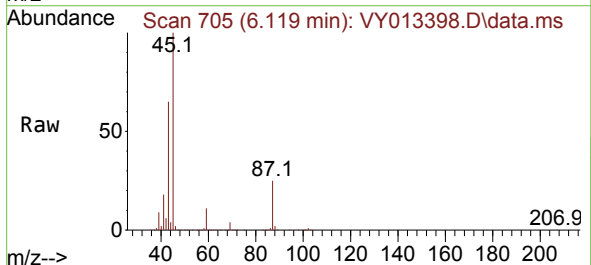
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

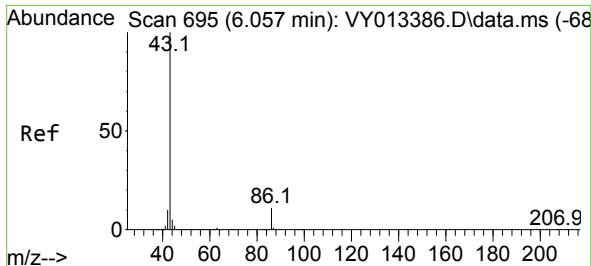
Tgt Ion: 96 Resp: 414825
Ion Ratio Lower Upper
96 100
61 144.9 110.6 165.8
98 63.2 53.1 79.7



#22
Diisopropyl ether
Concen: 164.054 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 45 Resp: 1470448
Ion Ratio Lower Upper
45 100
43 64.9 48.4 72.6
87 25.3 23.8 35.6
59 11.4 9.6 14.4

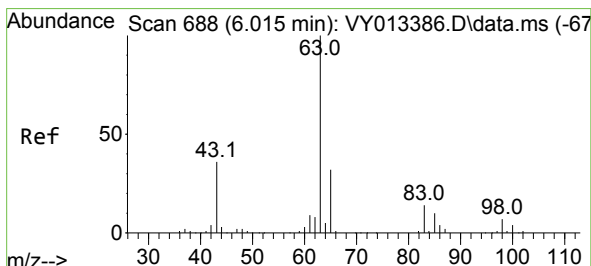
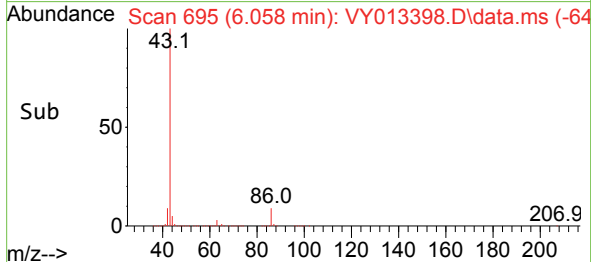
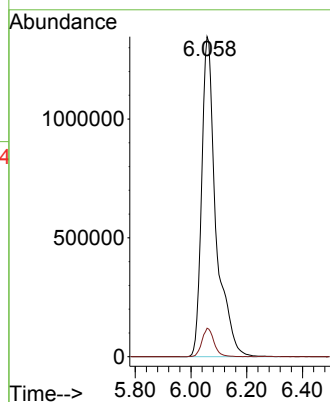
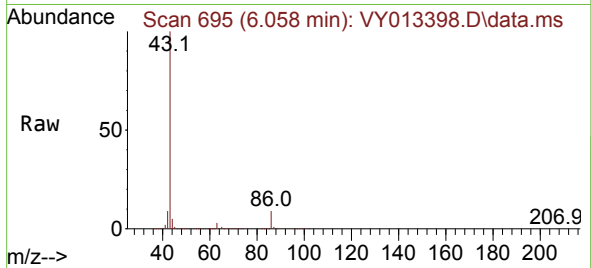




#23
 Vinyl Acetate
 Concen: 938.062 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013398.D
 Acq: 24 Apr 2023 13:19

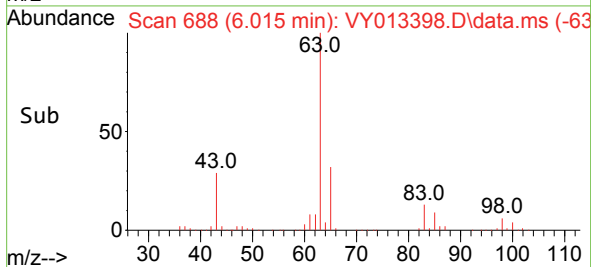
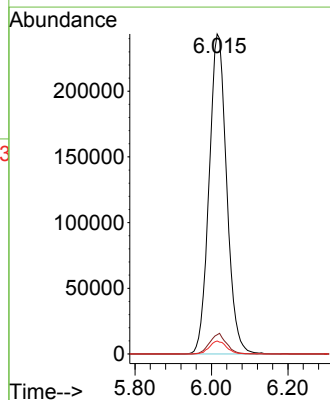
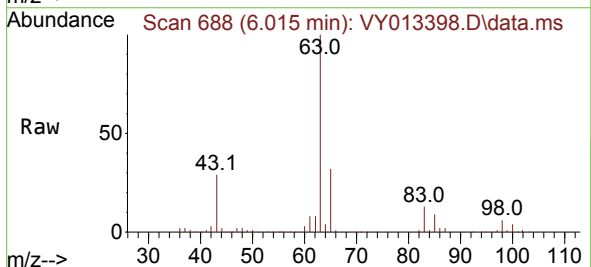
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

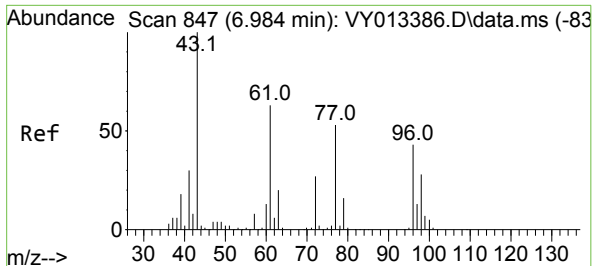
Tgt Ion: 43 Resp: 4796570
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 155.501 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013398.D
 Acq: 24 Apr 2023 13:19

Tgt Ion: 63 Resp: 776801
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.6
 100 4.1 2.2 6.6

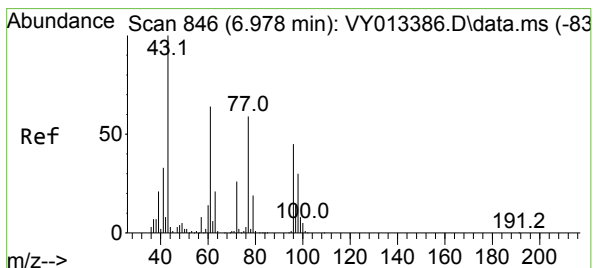
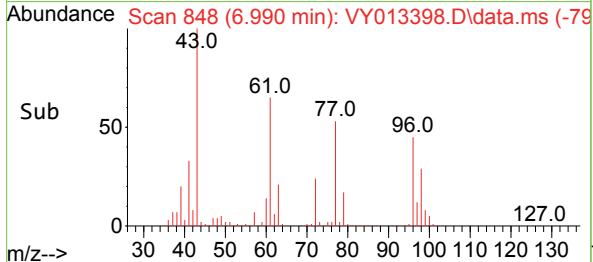
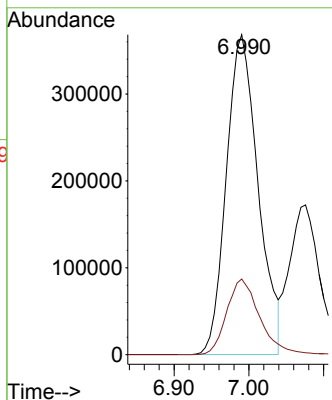
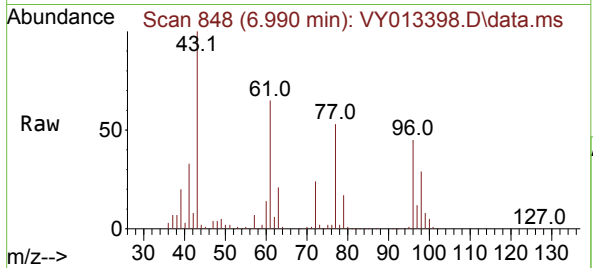




#25
2-Butanone
Concen: 837.350 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

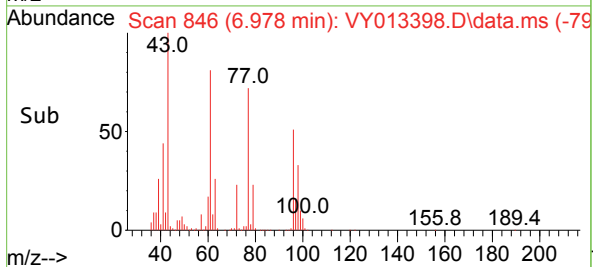
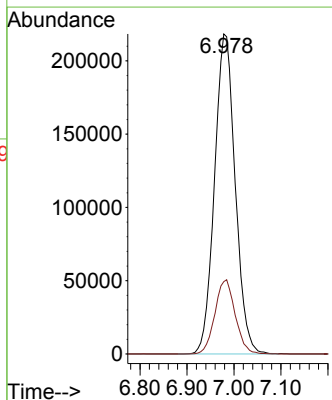
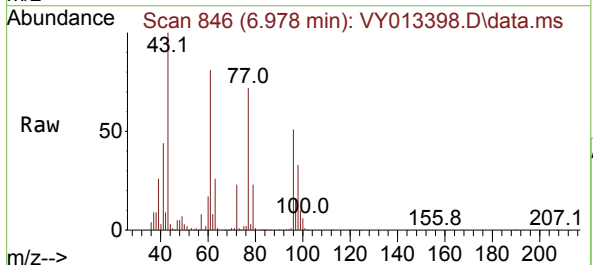
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

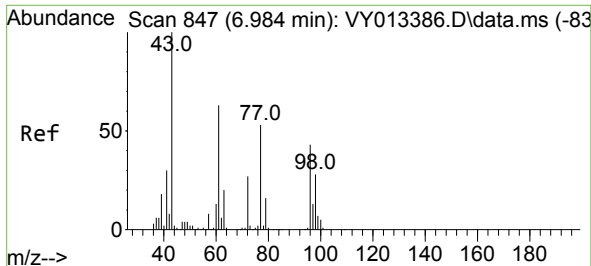
Tgt Ion: 43 Resp: 1090184
Ion Ratio Lower Upper
43 100
72 23.7 21.9 32.9



#26
2,2-Dichloropropane
Concen: 155.196 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 77 Resp: 668054
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 156.083 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

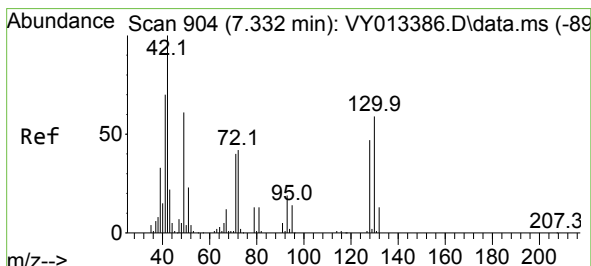
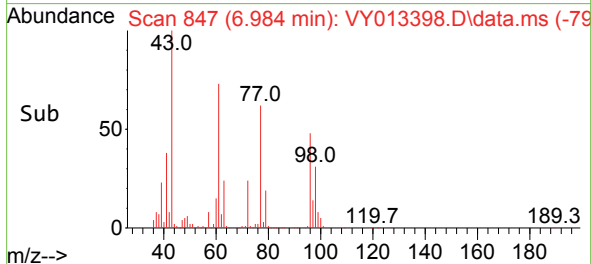
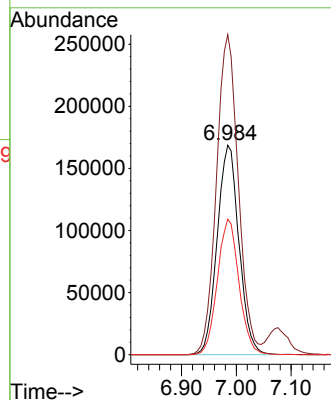
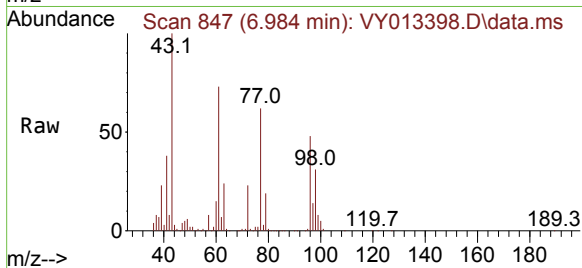
Tgt Ion: 96 Resp: 466001

Ion Ratio Lower Upper

96 100

61 153.6 0.0 285.0

98 64.3 0.0 130.6



#28

Bromochloromethane

Concen: 150.218 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

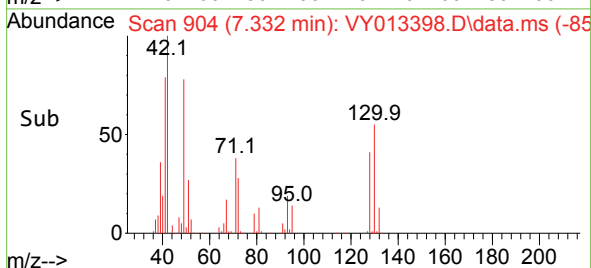
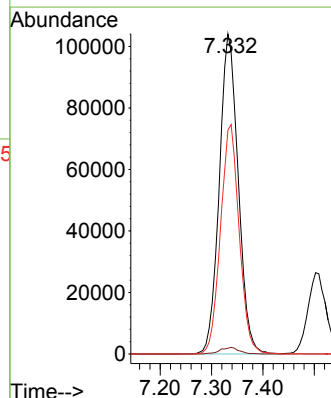
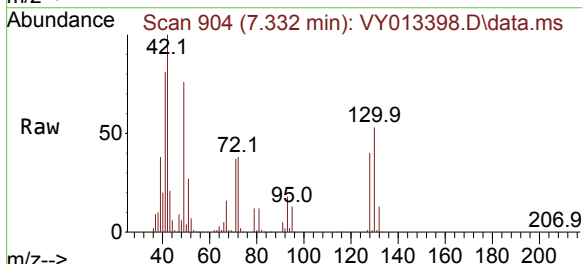
Tgt Ion: 49 Resp: 266292

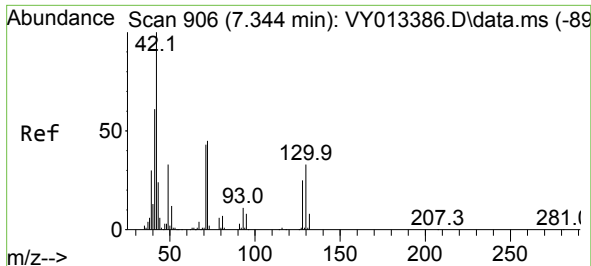
Ion Ratio Lower Upper

49 100

129 2.0 0.0 5.2

130 70.7 72.1 108.1#





#29

Tetrahydrofuran

Concen: 846.169 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

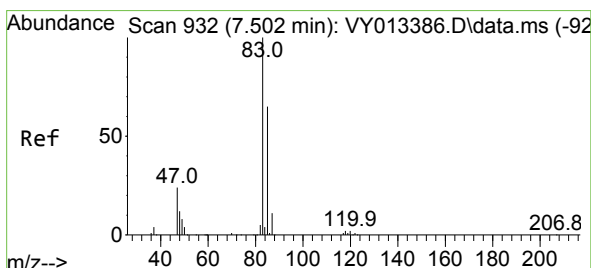
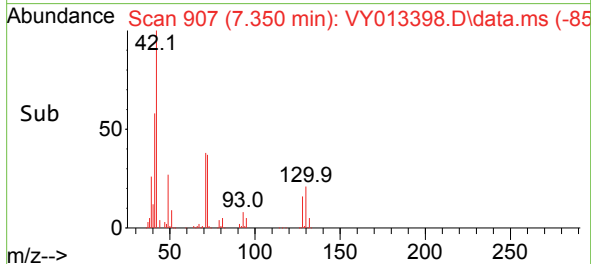
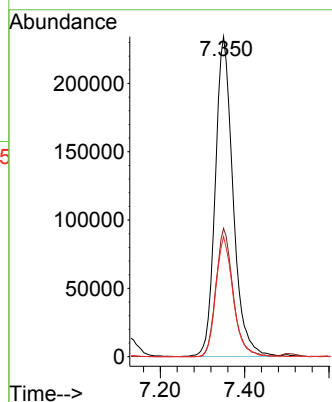
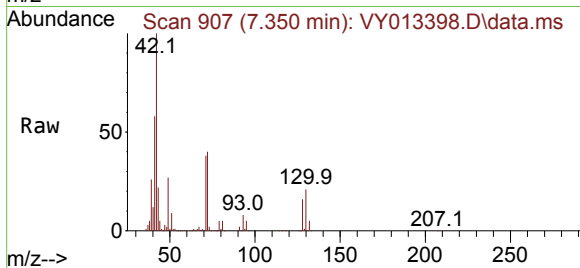
Tgt Ion: 42 Resp: 685764

Ion Ratio Lower Upper

42 100

72 38.7 35.9 53.9

71 36.7 34.3 51.5



#30

Chloroform

Concen: 153.129 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY013398.D

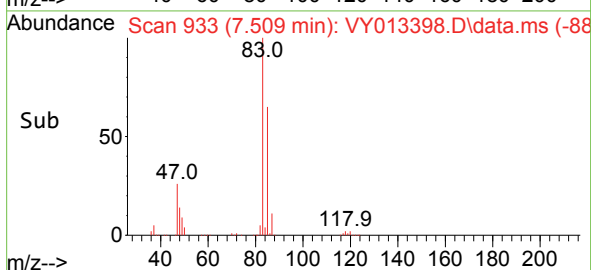
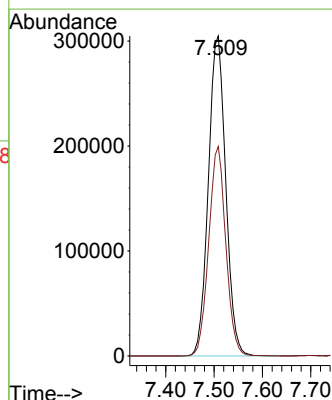
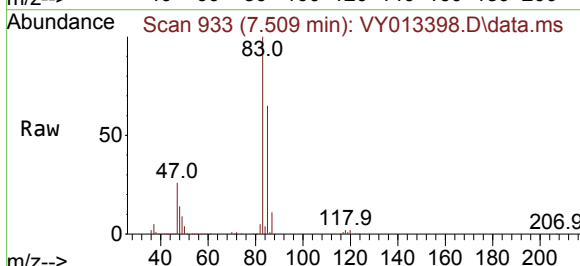
Acq: 24 Apr 2023 13:19

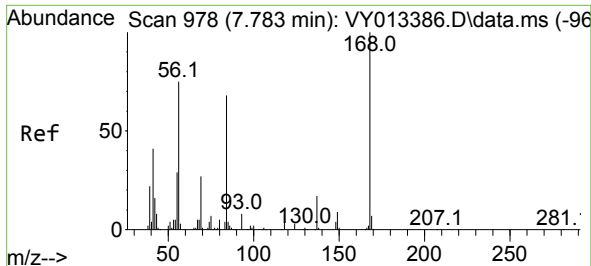
Tgt Ion: 83 Resp: 760554

Ion Ratio Lower Upper

83 100

85 65.5 52.0 78.0

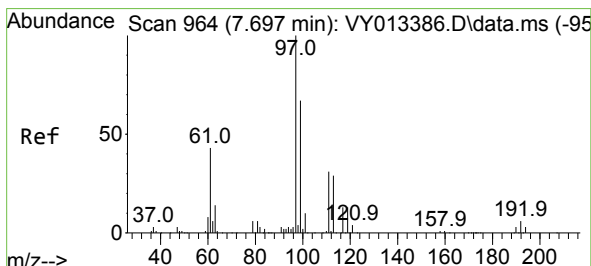
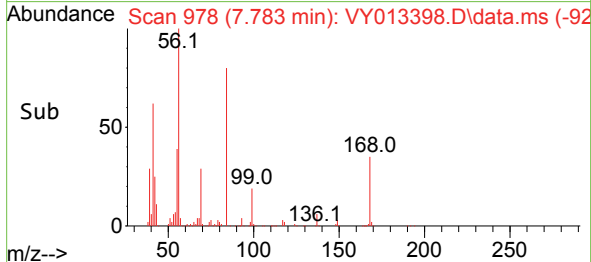
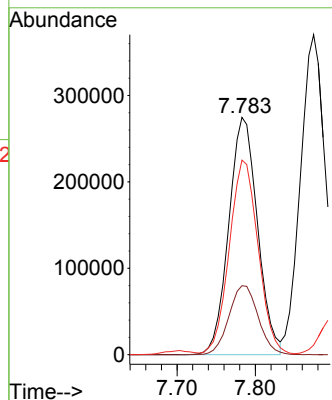
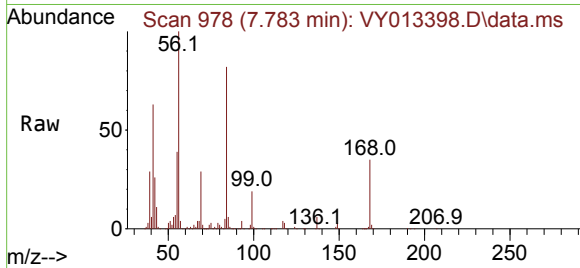




#31
Cyclohexane
Concen: 150.109 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

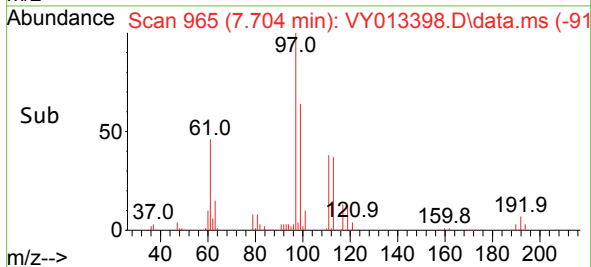
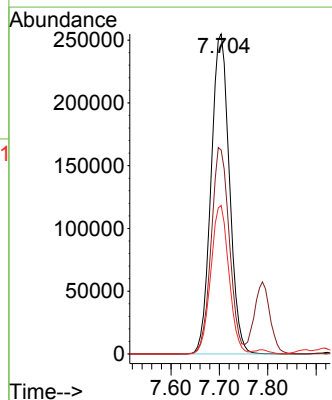
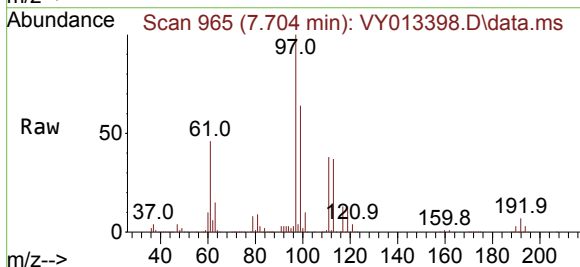
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

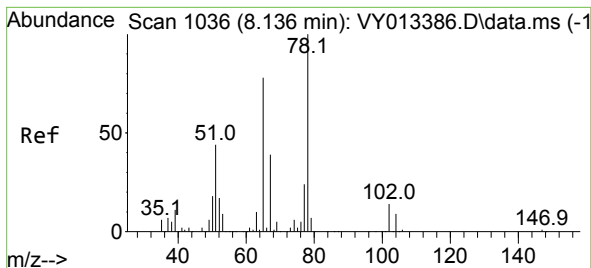
Tgt Ion: 56 Resp: 700604
Ion Ratio Lower Upper
56 100
69 29.1 29.2 43.8#
84 80.2 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 151.309 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 97 Resp: 670611
Ion Ratio Lower Upper
97 100
99 64.1 52.2 78.2
61 46.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 138.976 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

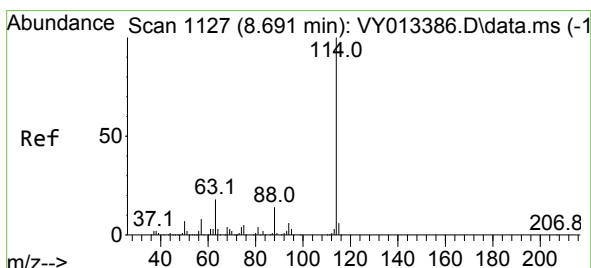
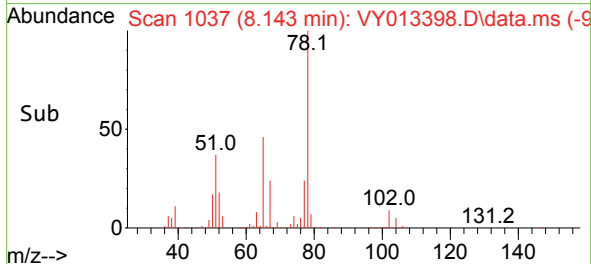
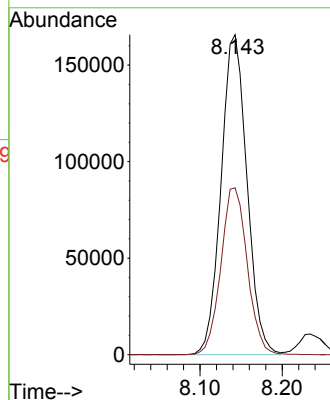
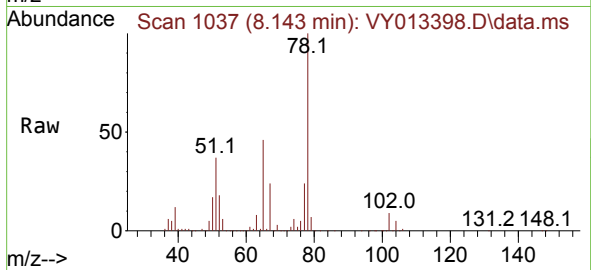
VSTDIC150

Tgt Ion: 65 Resp: 362285

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

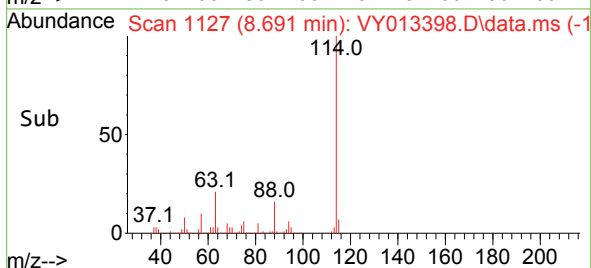
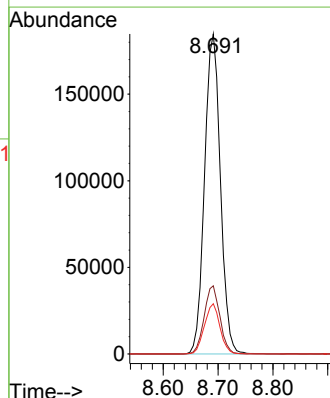
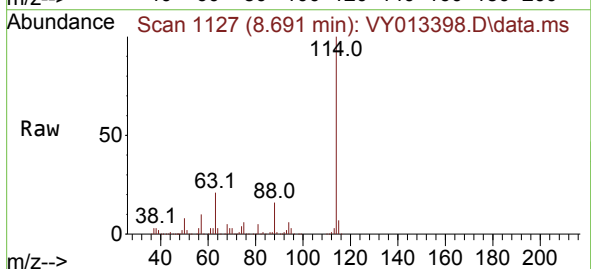
Tgt Ion: 114 Resp: 370103

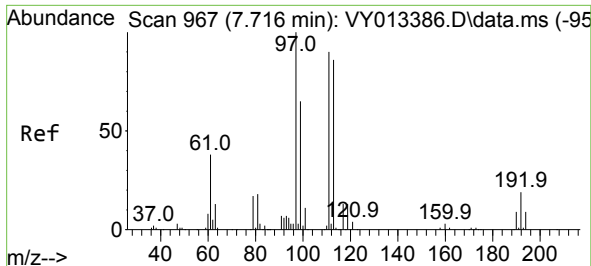
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.6

88 15.7 0.0 28.8

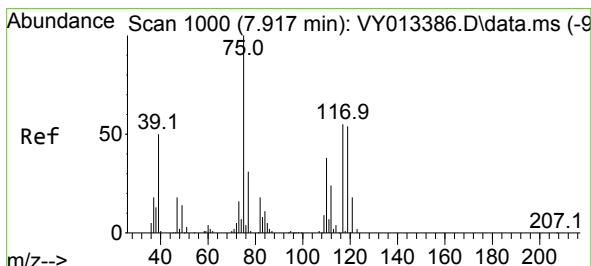
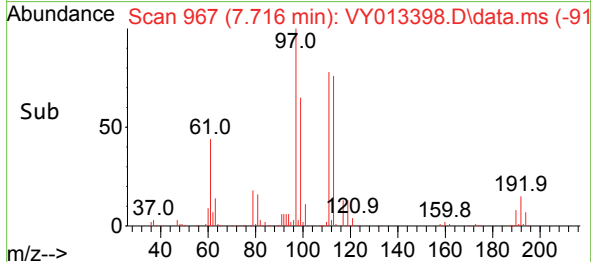
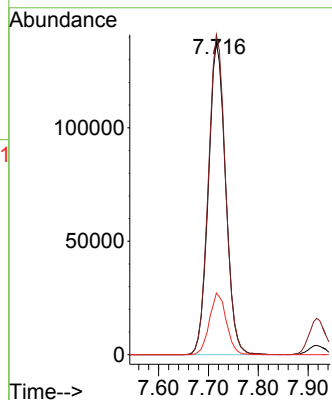
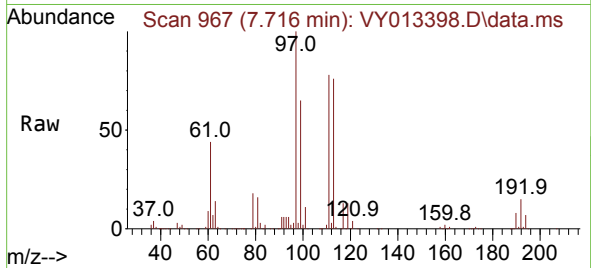




#35
Dibromofluoromethane
Concen: 141.683 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

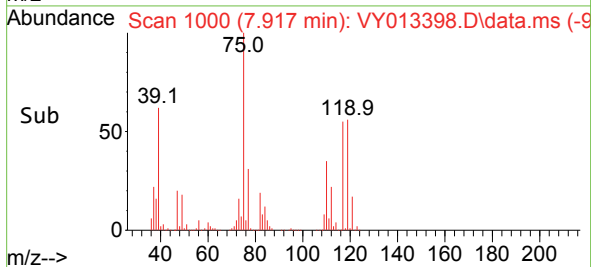
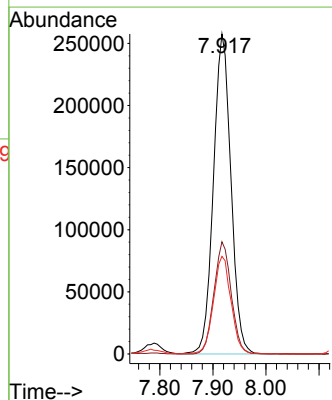
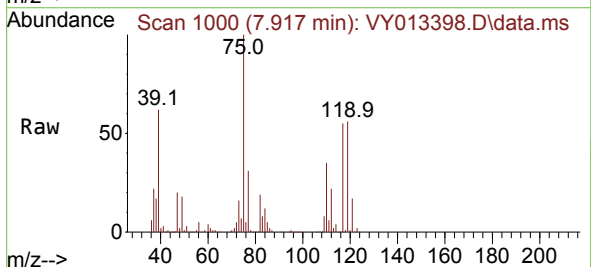
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

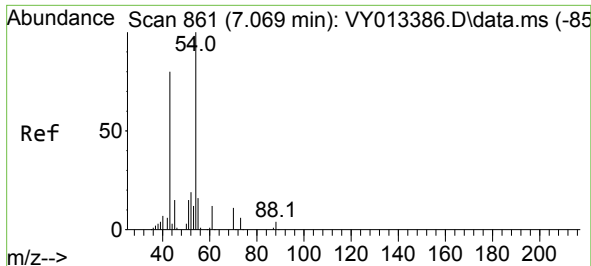
Tgt Ion:113 Resp: 329807
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 152.977 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 75 Resp: 590991
Ion Ratio Lower Upper
75 100
110 34.5 18.7 56.1
77 30.7 24.6 37.0

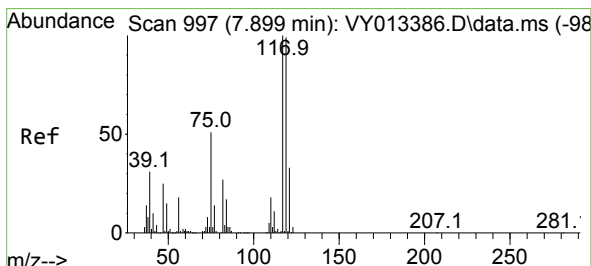
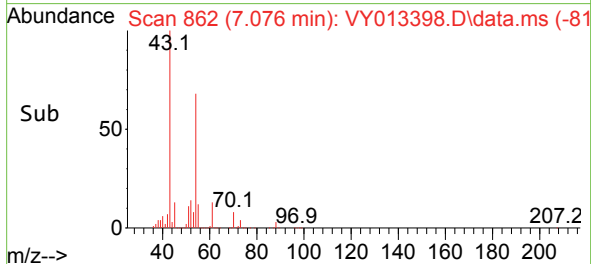
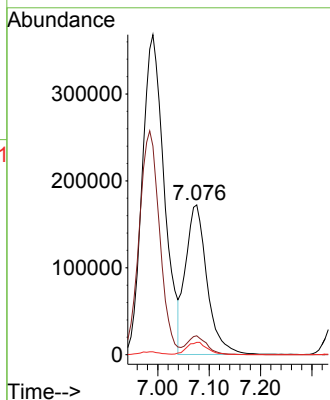
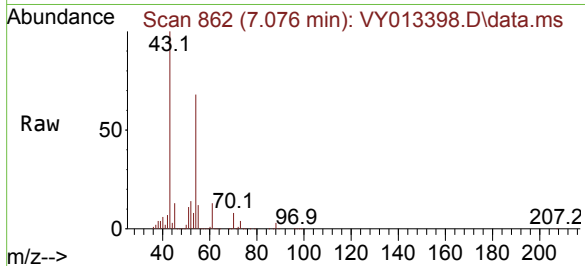




#37
Ethyl Acetate
Concen: 171.617 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.007 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

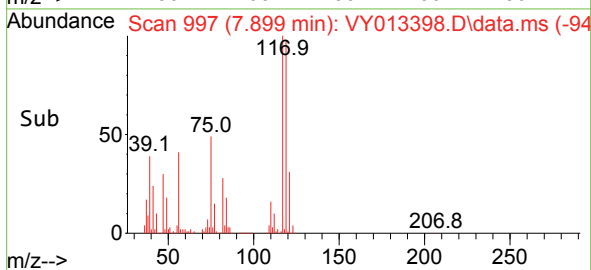
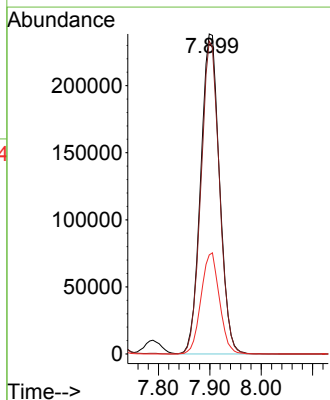
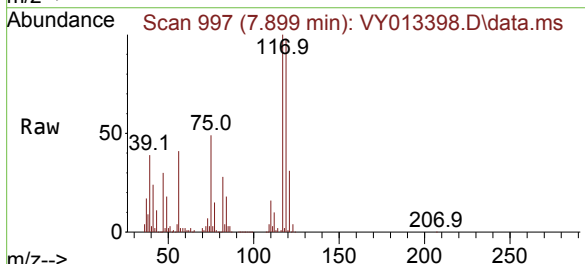
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

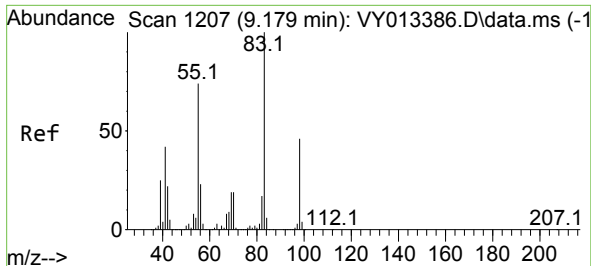
Tgt Ion: 43 Resp: 498933
Ion Ratio Lower Upper
43 100
61 11.6 11.4 17.0
70 8.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 149.575 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 117 Resp: 605653
Ion Ratio Lower Upper
117 100
119 97.7 79.0 118.6
121 30.9 26.6 40.0

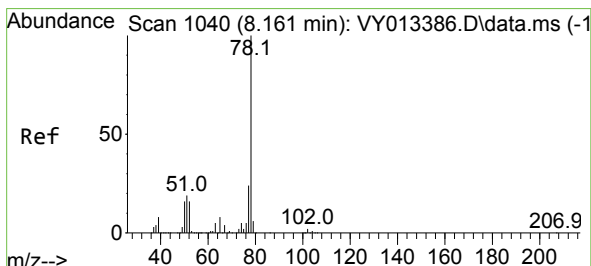
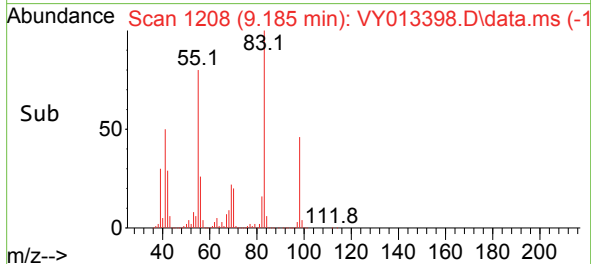
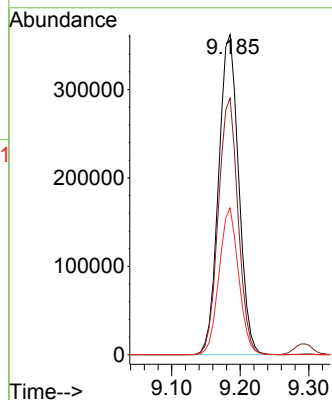
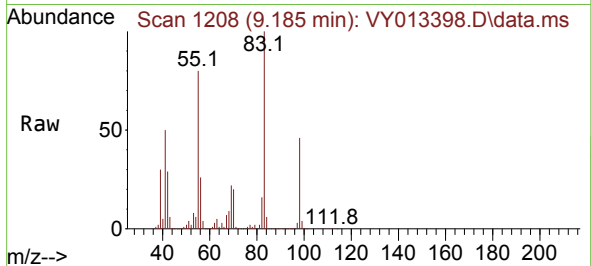




#39
Methylcyclohexane
Concen: 161.281 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

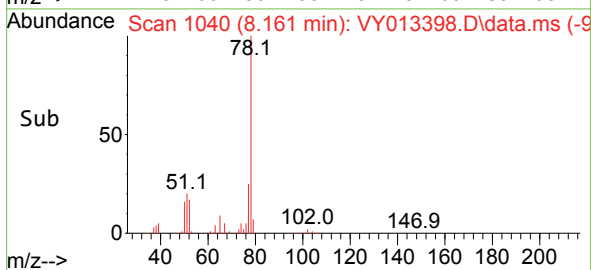
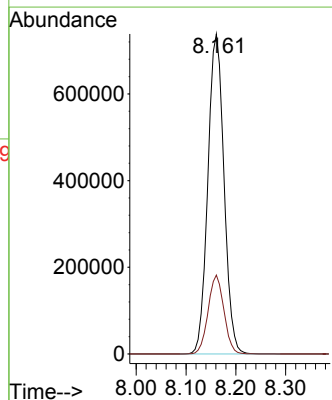
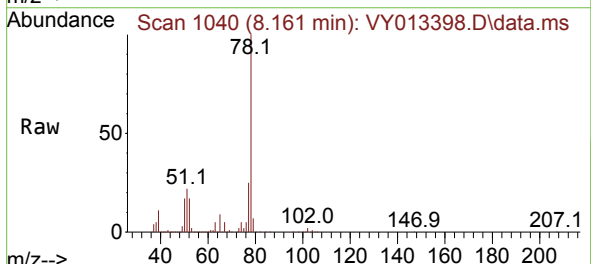
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

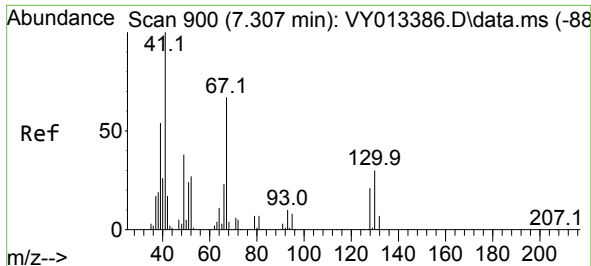
Tgt Ion: 83 Resp: 734542
Ion Ratio Lower Upper
83 100
55 80.1 59.0 88.4
98 45.9 37.0 55.4



#40
Benzene
Concen: 152.233 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 78 Resp: 1656656
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8



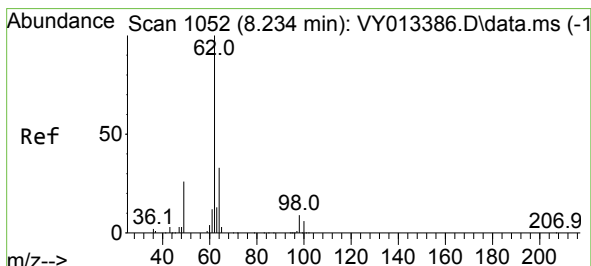
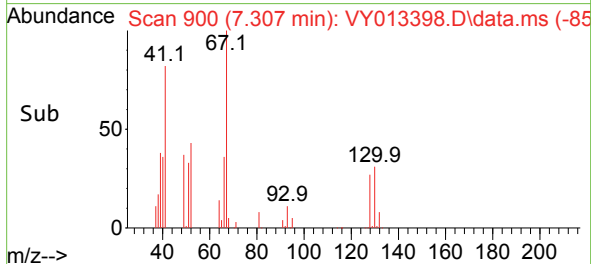
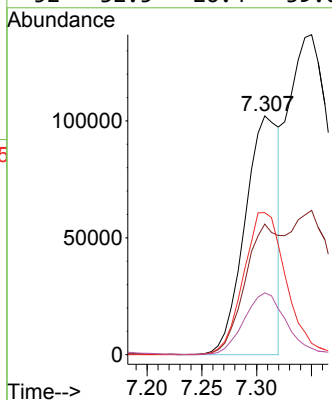
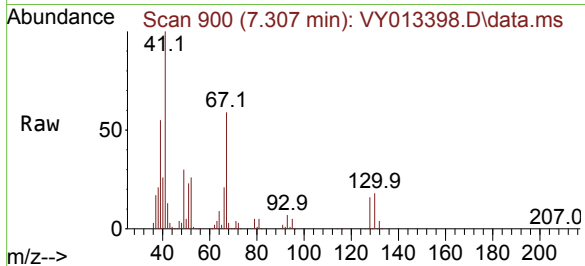


#41
Methacrylonitrile
Concen: 161.778 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 219644

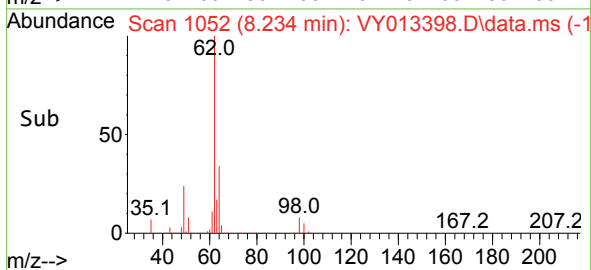
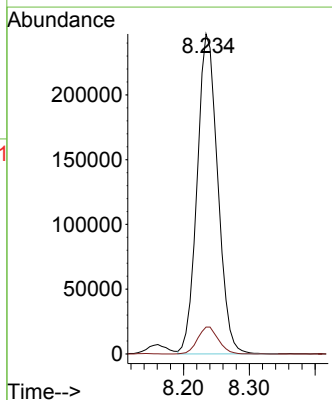
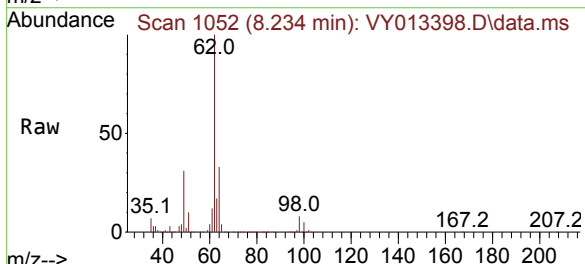
Ion	Ratio	Lower	Upper
41	100		
39	62.2	44.2	66.4
67	75.6	62.9	94.3
52	32.5	26.4	39.6

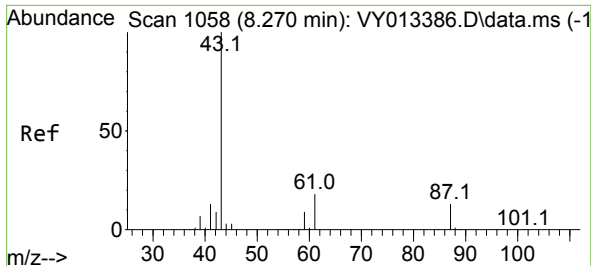


#42
1,2-Dichloroethane
Concen: 151.230 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 62 Resp: 538048

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8

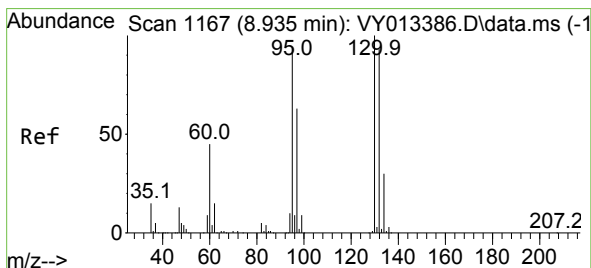
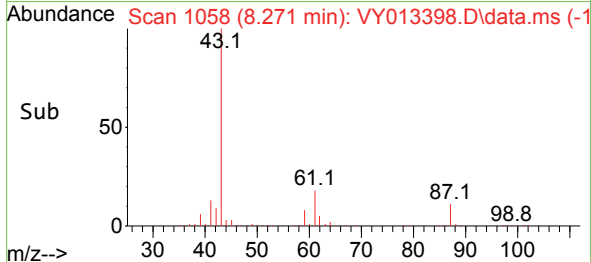
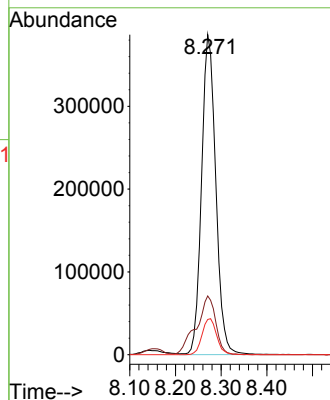
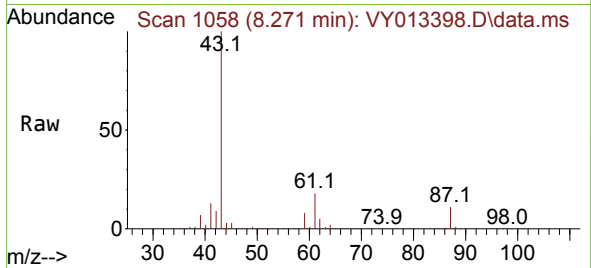




#43
Isopropyl Acetate
Concen: 169.620 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

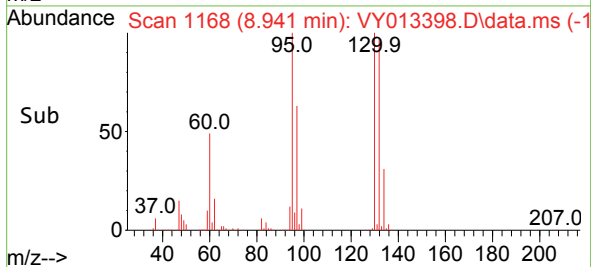
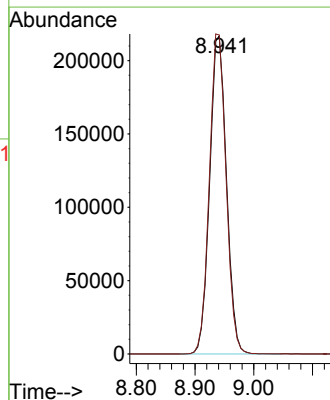
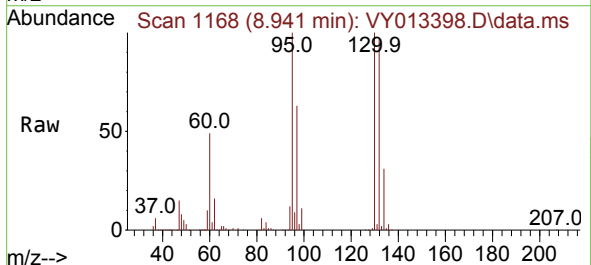
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

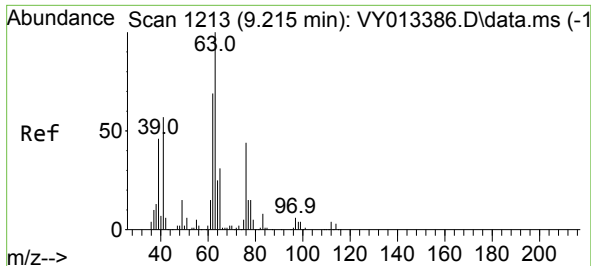
Tgt Ion: 43 Resp: 832345
Ion Ratio Lower Upper
43 100
61 25.0 22.2 33.4
87 11.6 11.0 16.6



#44
Trichloroethene
Concen: 148.529 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion:130 Resp: 429948
Ion Ratio Lower Upper
130 100
95 100.3 0.0 188.8





#45

1,2-Dichloropropane

Concen: 155.171 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

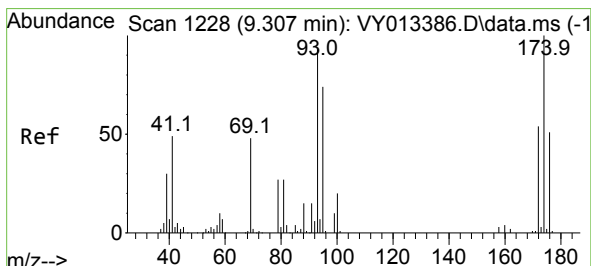
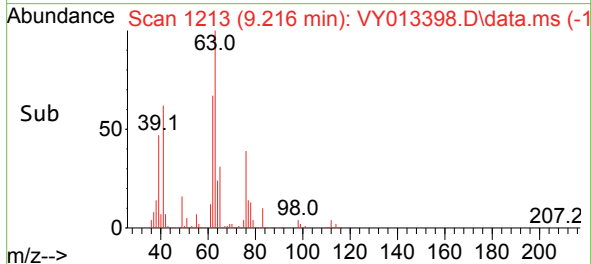
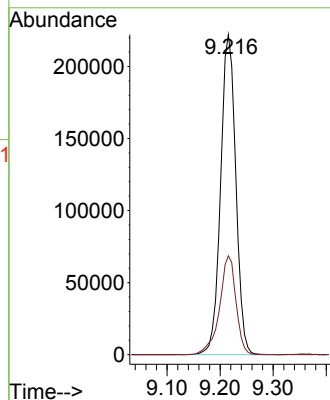
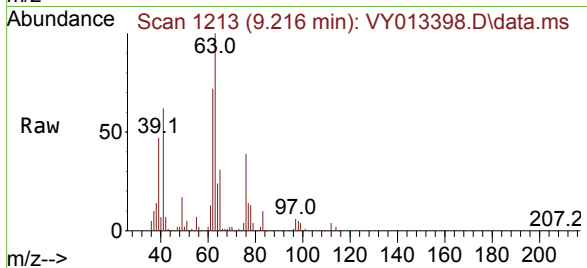
VSTDIC150

Tgt Ion: 63 Resp: 441518

Ion Ratio Lower Upper

63 100

65 30.9 24.6 37.0



#46

Dibromomethane

Concen: 152.435 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

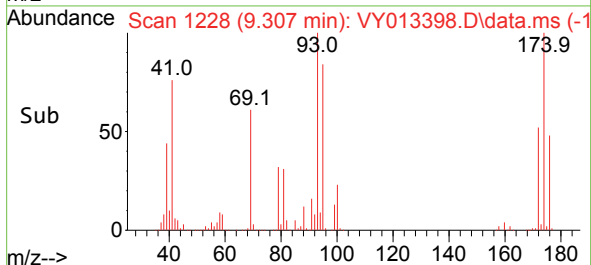
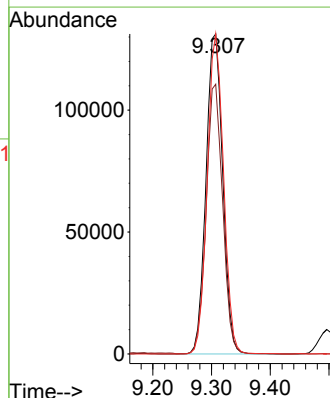
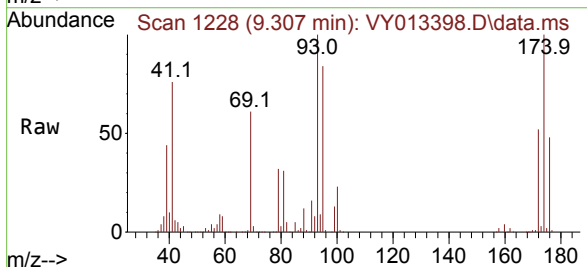
Tgt Ion: 93 Resp: 259519

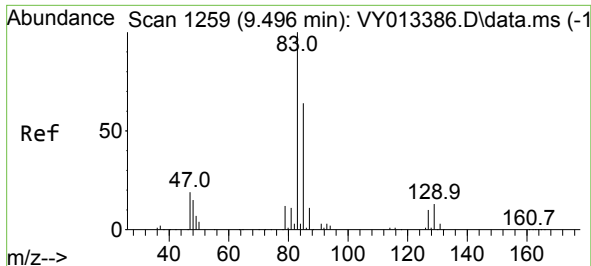
Ion Ratio Lower Upper

93 100

95 82.6 67.1 100.7

174 97.5 87.0 130.4

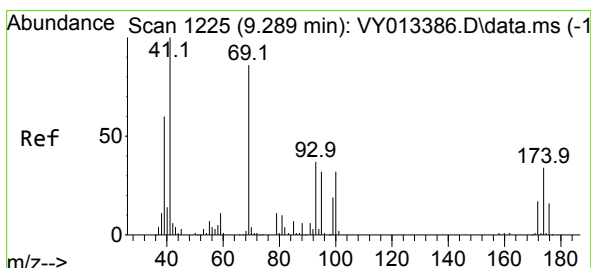
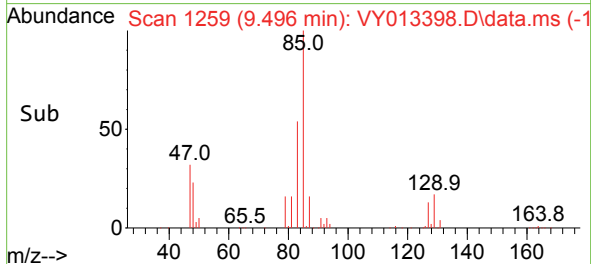
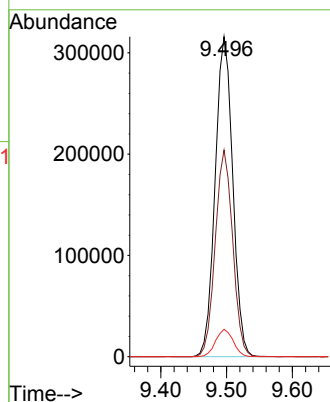
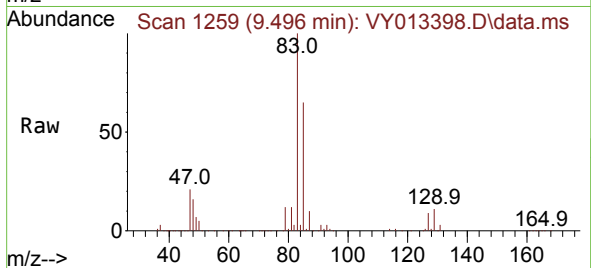




#47
Bromodichloromethane
Concen: 154.320 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

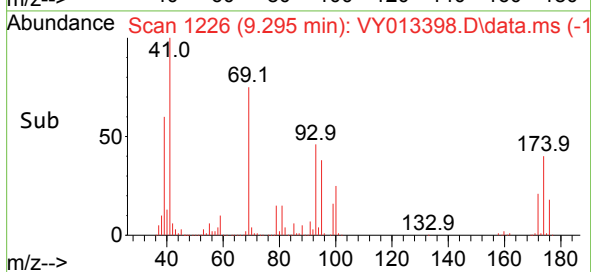
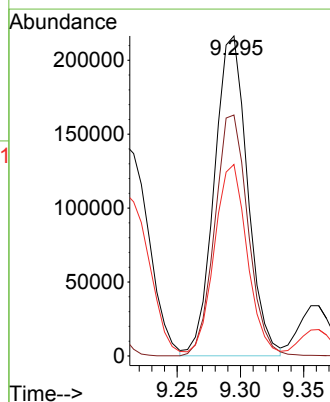
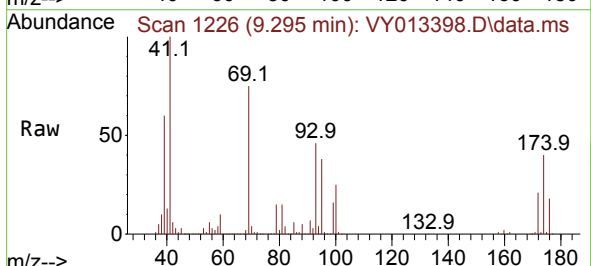
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

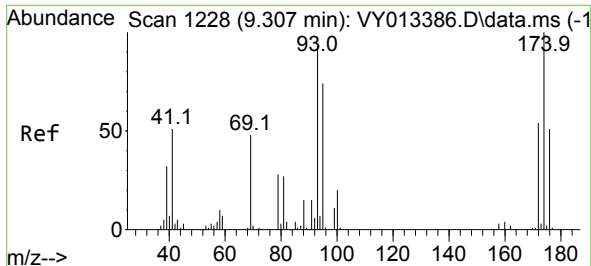
Tgt Ion: 83 Resp: 587887
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.2
127 8.6 8.1 12.1



#48
Methyl methacrylate
Concen: 175.116 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 41 Resp: 394656
Ion Ratio Lower Upper
41 100
69 75.5 70.2 105.4
39 57.0 47.9 71.9





#49

1,4-Dioxane

Concen: 3274.022 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

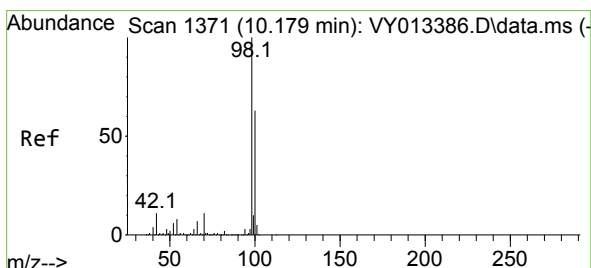
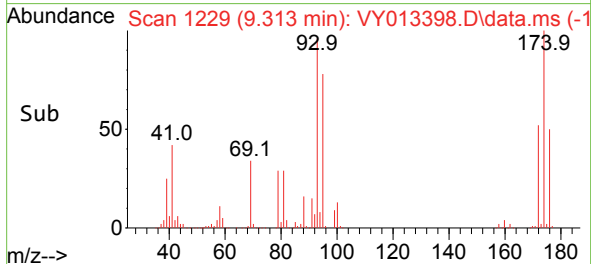
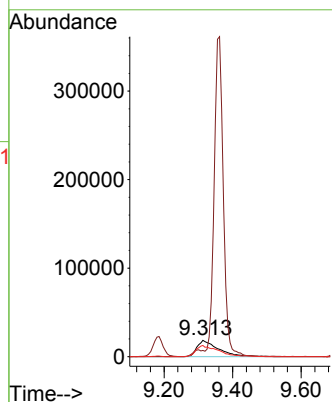
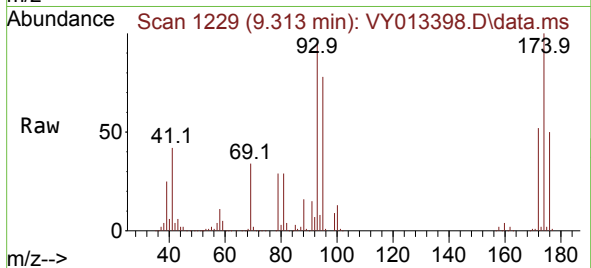
Tgt Ion: 88 Resp: 79608

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 70.7 54.3 81.5



#50

Toluene-d8

Concen: 139.815 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013398.D

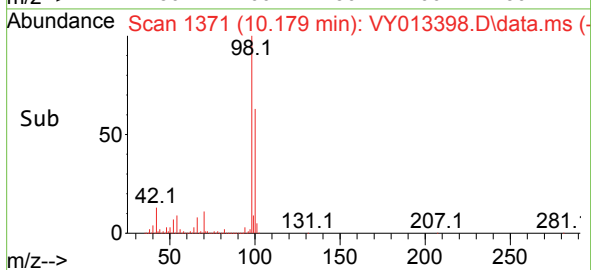
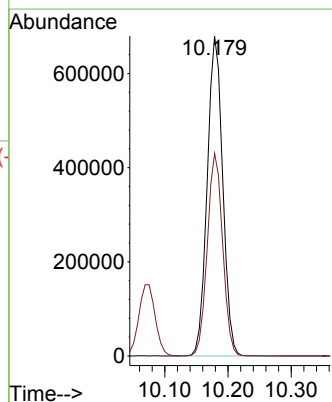
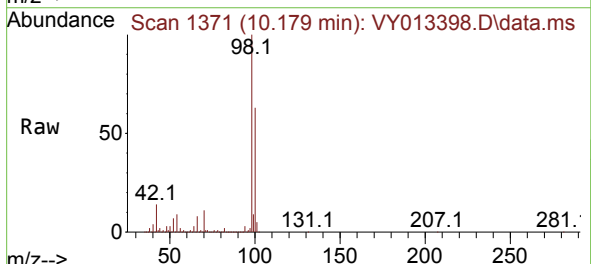
Acq: 24 Apr 2023 13:19

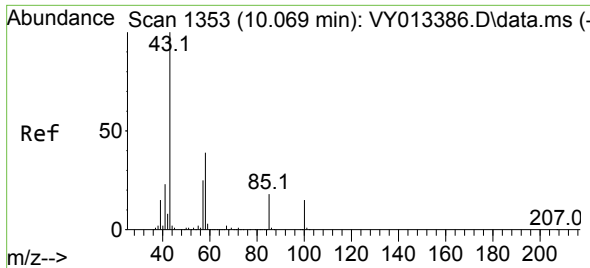
Tgt Ion: 98 Resp: 1157793

Ion Ratio Lower Upper

98 100

100 62.7 50.5 75.7

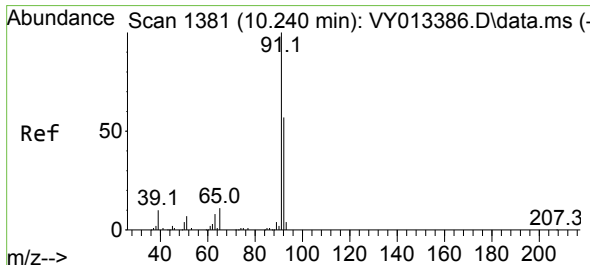
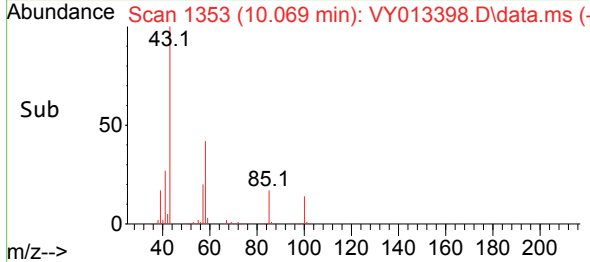
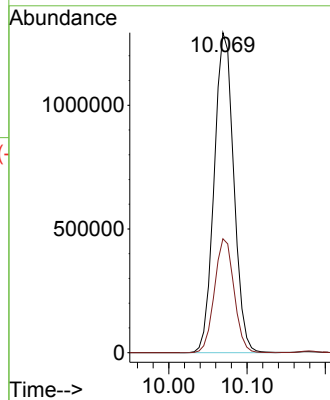
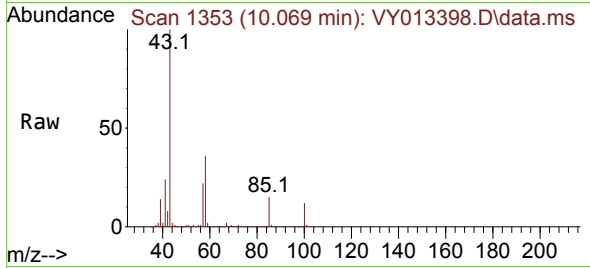




#51
4-Methyl-2-Pentanone
Concen: 821.609 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

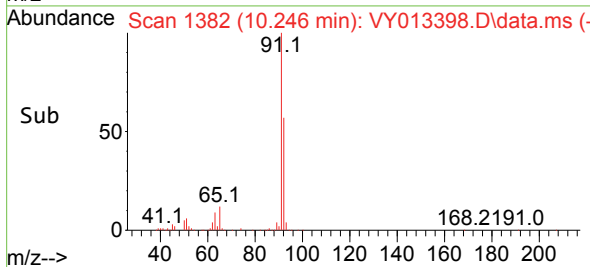
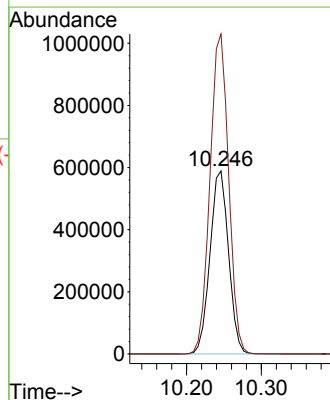
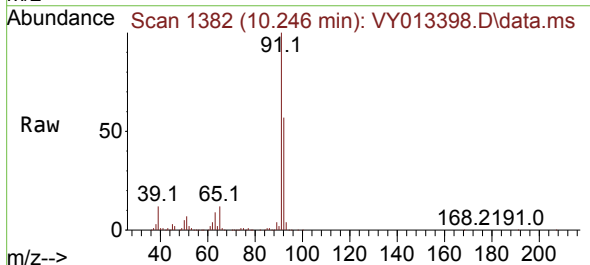
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

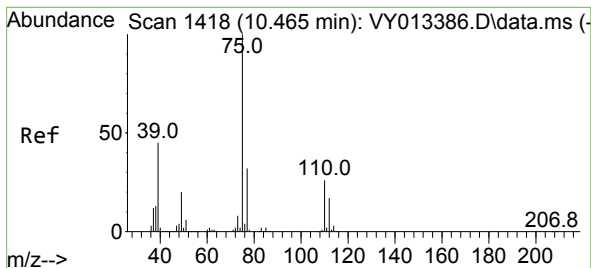
Tgt Ion: 43 Resp: 2246668
Ion Ratio Lower Upper
43 100
58 35.6 30.6 46.0



#52
Toluene
Concen: 154.814 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 92 Resp: 1013828
Ion Ratio Lower Upper
92 100
91 175.7 140.2 210.4

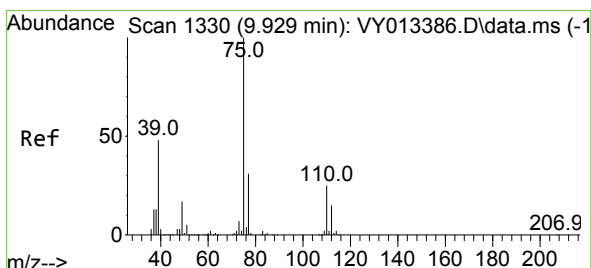
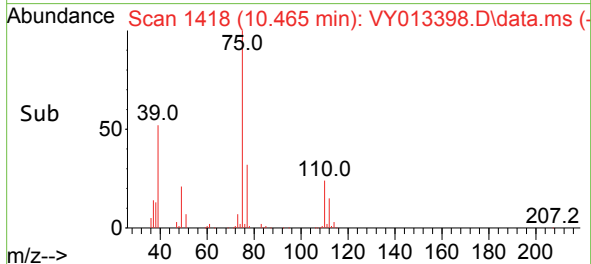
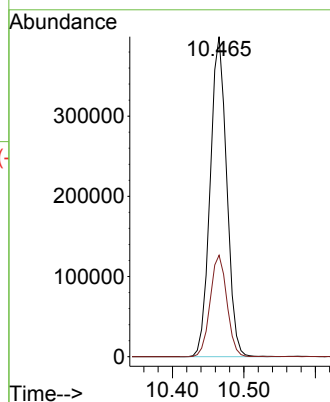
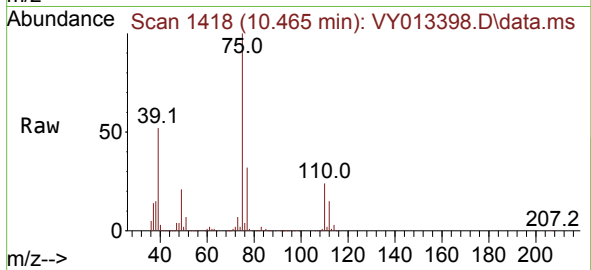




#53
 t-1,3-Dichloropropene
 Concen: 158.597 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013398.D
 Acq: 24 Apr 2023 13:19

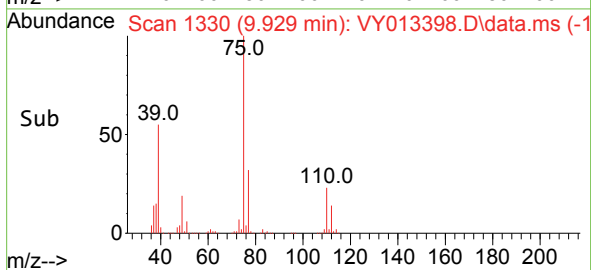
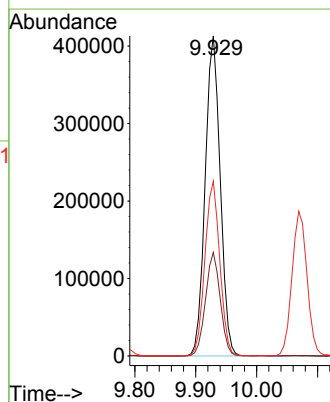
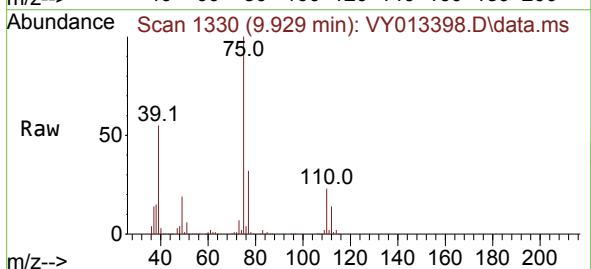
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

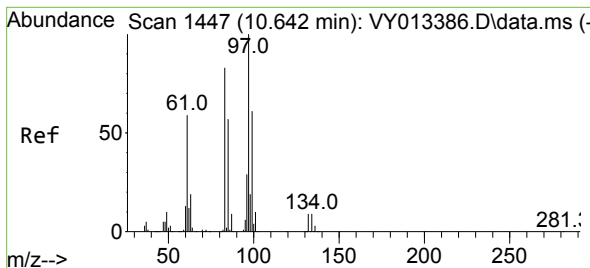
Tgt Ion: 75 Resp: 639429
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 155.959 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013398.D
 Acq: 24 Apr 2023 13:19

Tgt Ion: 75 Resp: 707537
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.8 37.2
 39 54.6 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 151.850 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 342360

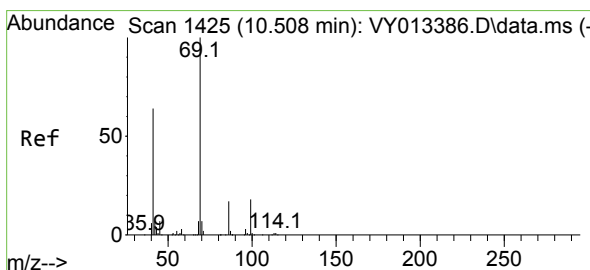
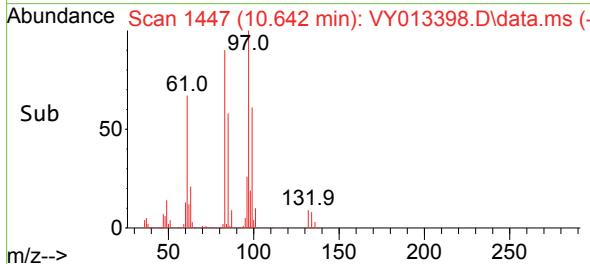
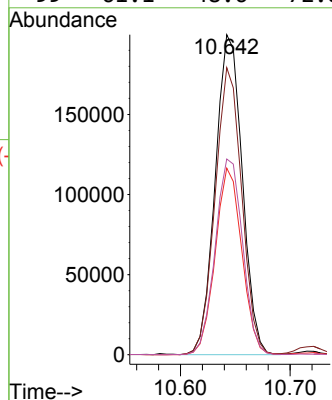
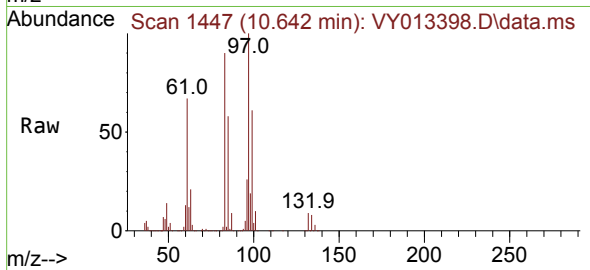
Ion Ratio Lower Upper

97 100

83 89.6 66.4 99.6

85 58.3 45.6 68.4

99 61.1 48.6 72.8



#56

Ethyl methacrylate

Concen: 168.408 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

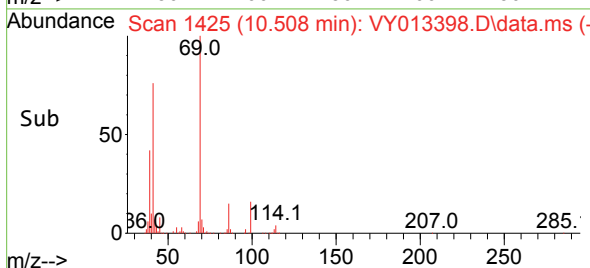
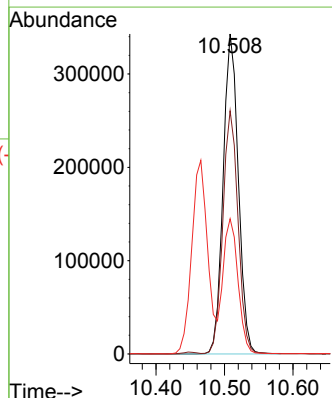
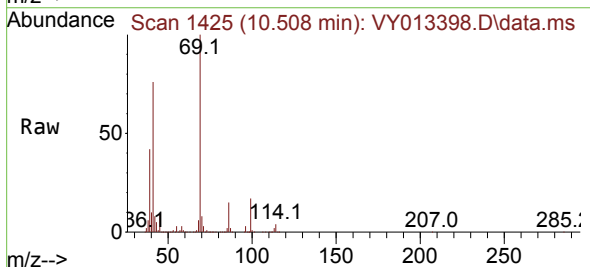
Tgt Ion: 69 Resp: 526764

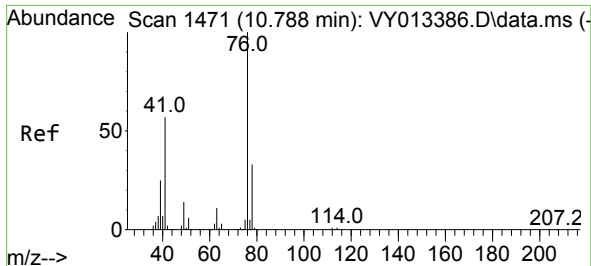
Ion Ratio Lower Upper

69 100

41 75.7 51.4 77.0

39 40.9 29.0 43.6





#57

1,3-Dichloropropane

Concen: 154.148 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

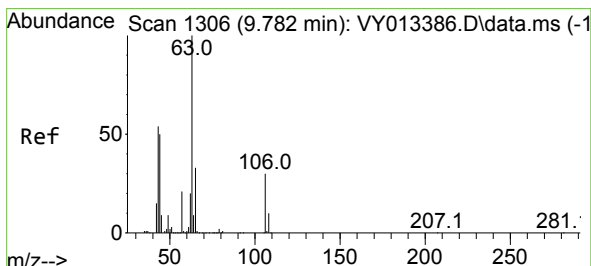
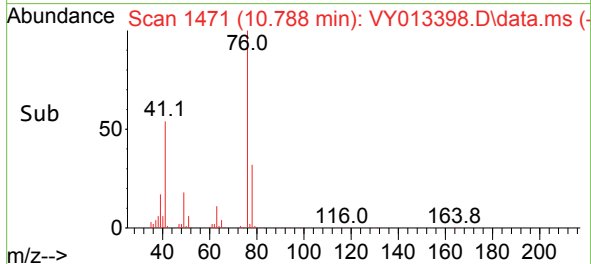
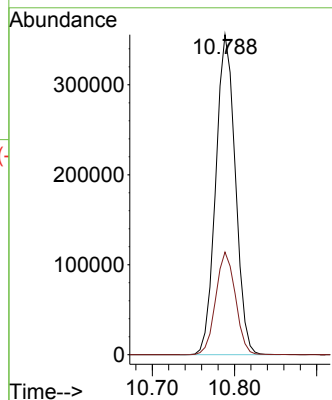
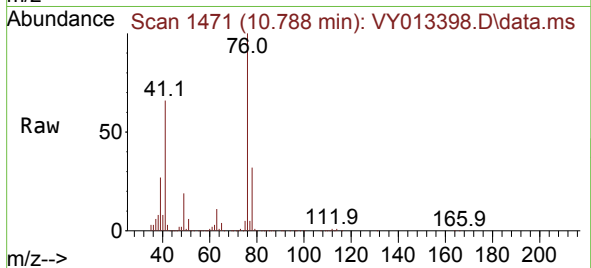
VSTDIC150

Tgt Ion: 76 Resp: 588594

Ion Ratio Lower Upper

76 100

78 32.3 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 751.414 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013398.D

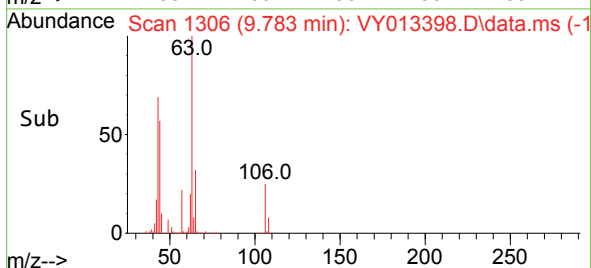
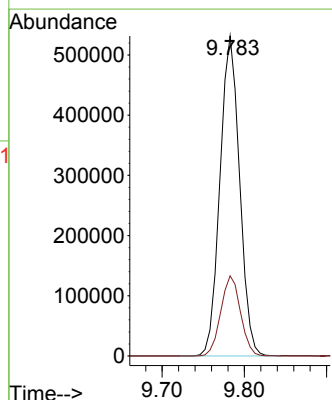
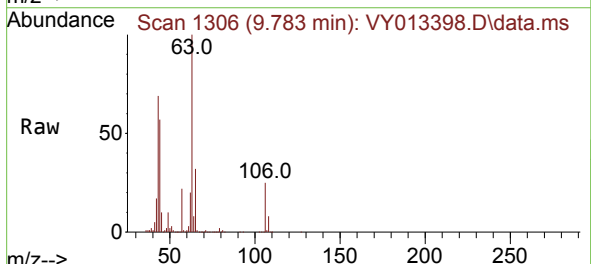
Acq: 24 Apr 2023 13:19

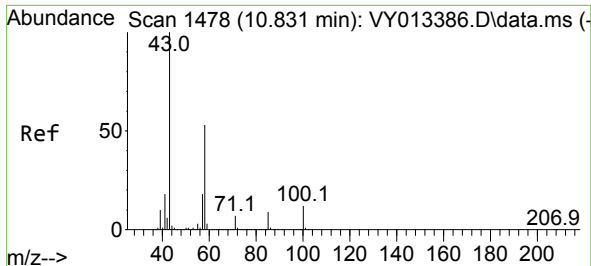
Tgt Ion: 63 Resp: 881344

Ion Ratio Lower Upper

63 100

106 25.2 23.5 35.3

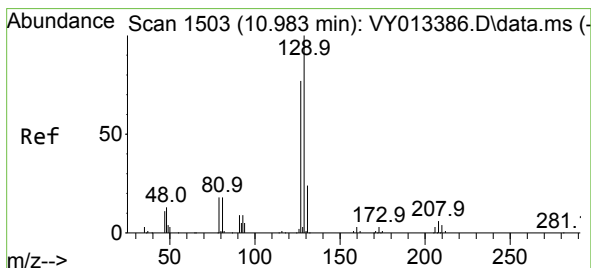
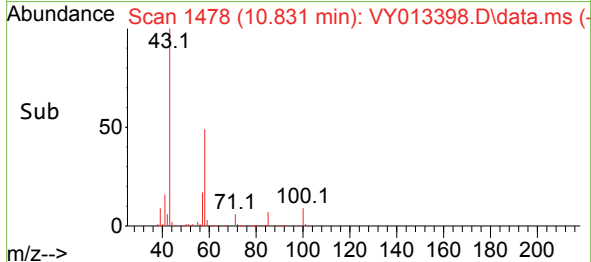
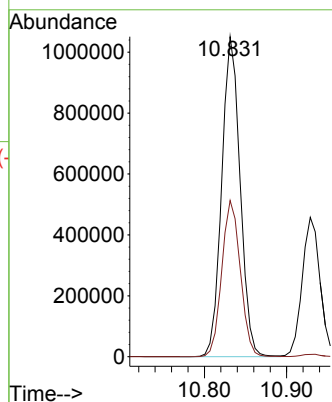
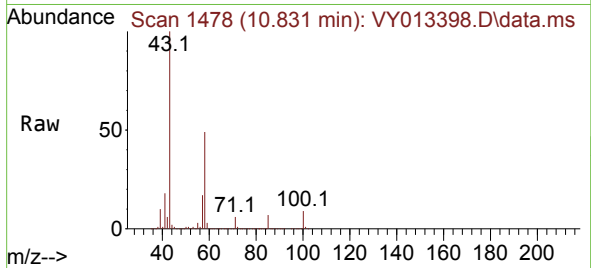




#59
2-Hexanone
Concen: 821.246 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

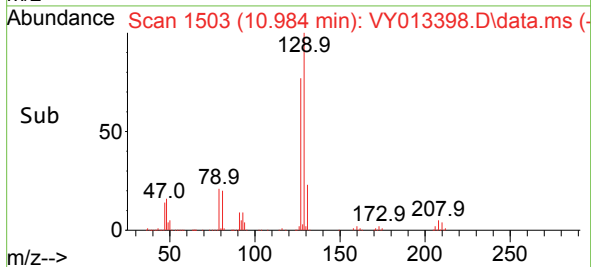
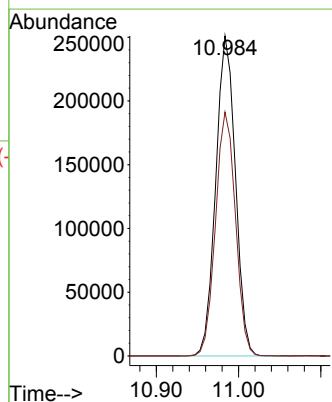
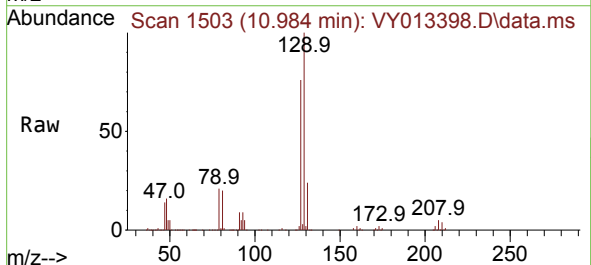
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

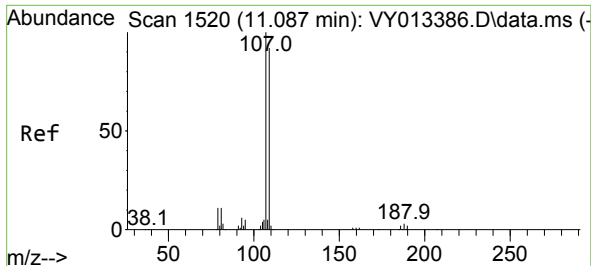
Tgt Ion: 43 Resp: 1632425
Ion Ratio Lower Upper
43 100
58 49.3 26.3 78.8



#60
Dibromochloromethane
Concen: 152.315 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 129 Resp: 416976
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1

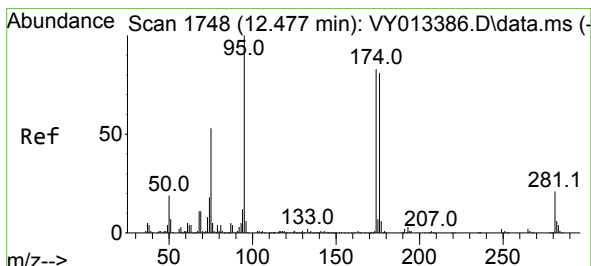
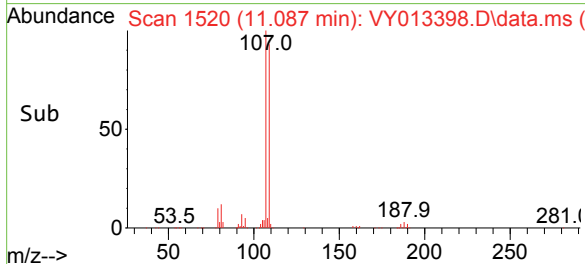
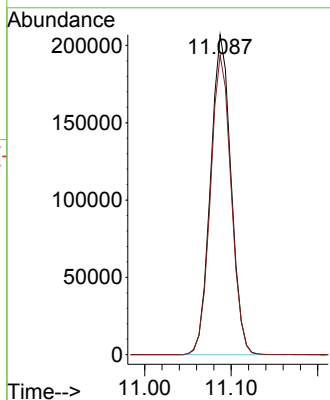
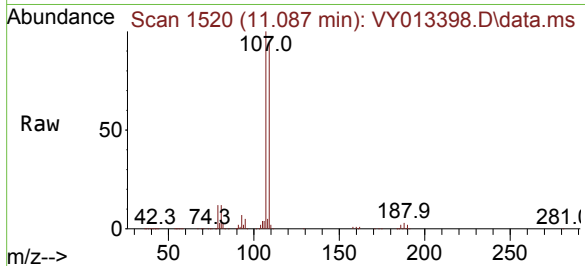




#61
1,2-Dibromoethane
Concen: 153.260 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

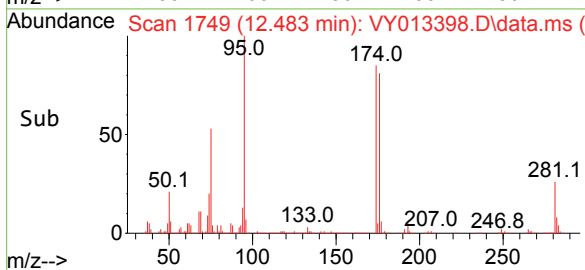
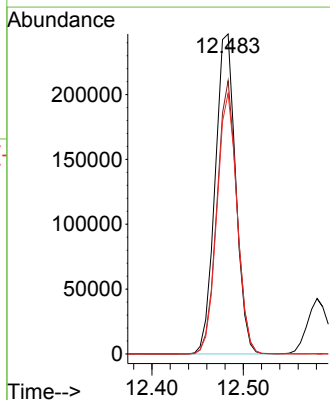
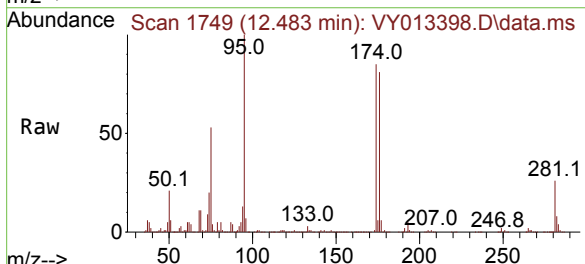
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

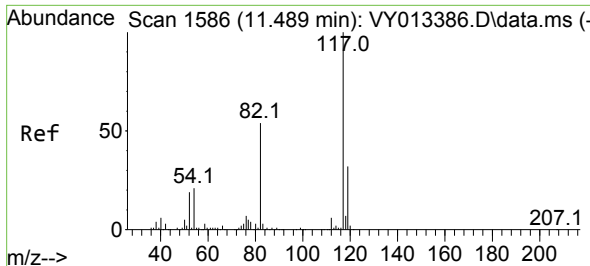
Tgt Ion:107 Resp: 339721
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 138.069 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 95 Resp: 385444
Ion Ratio Lower Upper
95 100
174 82.7 0.0 182.0
176 80.0 0.0 175.4

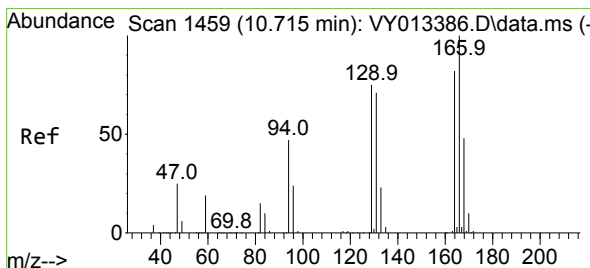
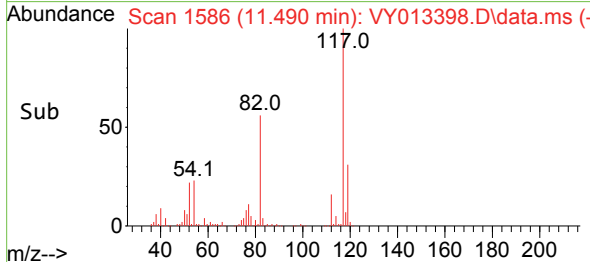
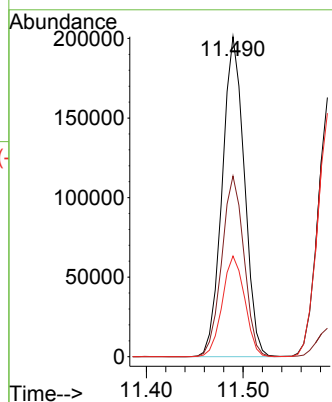
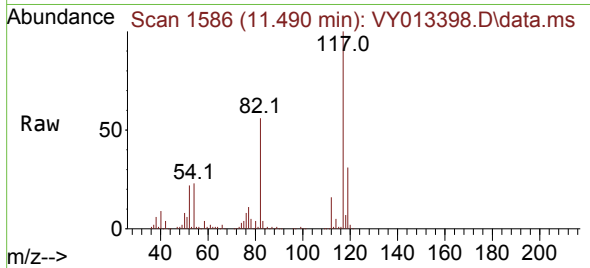




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

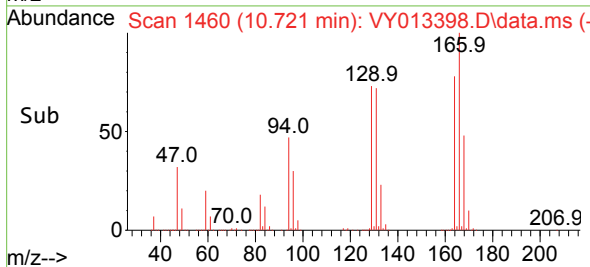
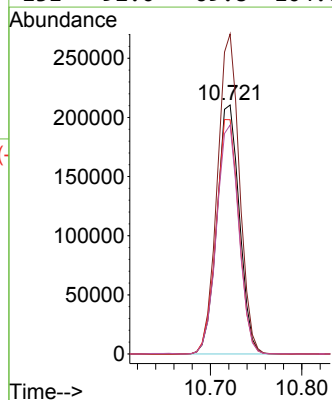
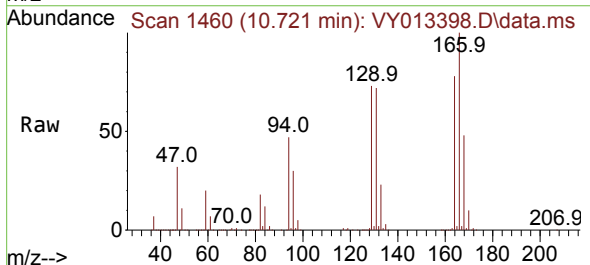
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

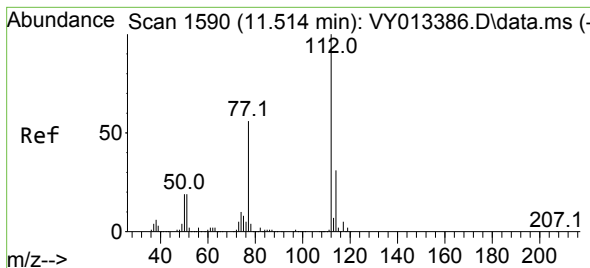
Tgt Ion:117 Resp: 319454
Ion Ratio Lower Upper
117 100
82 56.5 43.0 64.6
119 31.5 25.5 38.3



#64
Tetrachloroethene
Concen: 148.114 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion:164 Resp: 359790
Ion Ratio Lower Upper
164 100
166 128.5 97.5 146.3
129 94.1 72.6 109.0
131 92.0 69.8 104.6

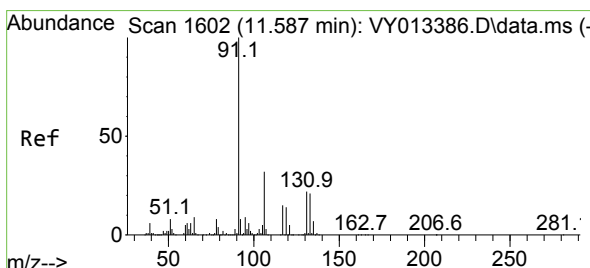
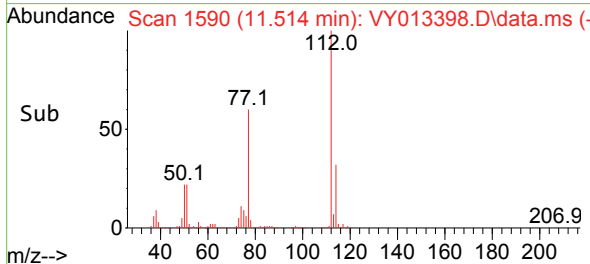
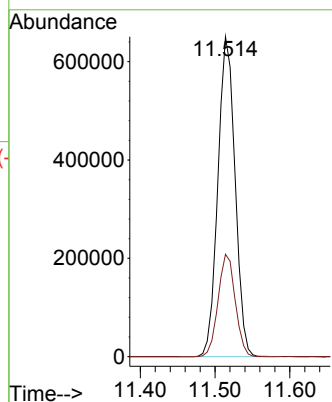
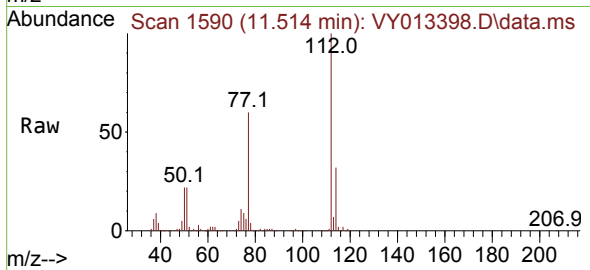




#65
Chlorobenzene
Concen: 149.711 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

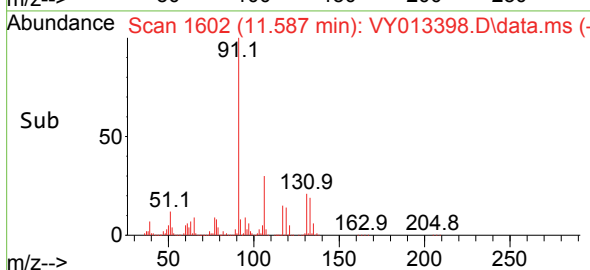
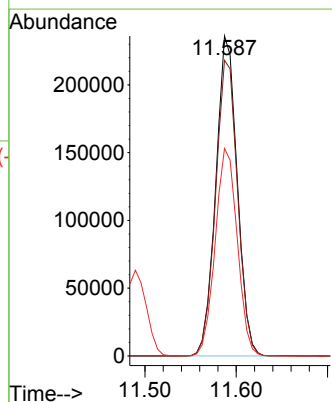
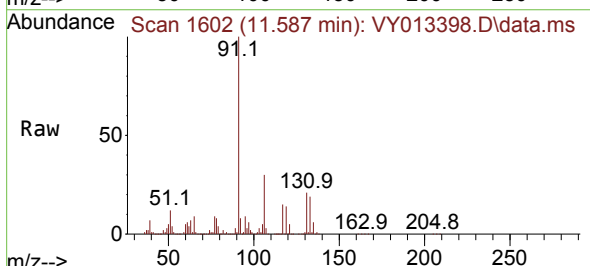
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

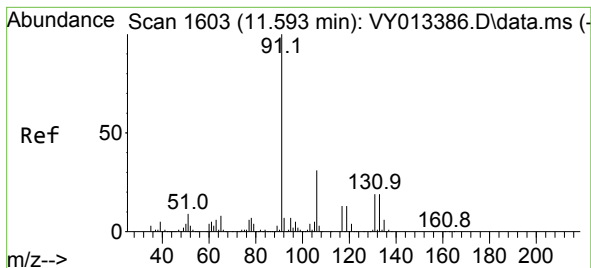
Tgt Ion:112 Resp: 1041831
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 147.647 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion:131 Resp: 384268
Ion Ratio Lower Upper
131 100
133 94.9 47.7 143.1
119 66.9 32.6 98.0





#67

Ethyl Benzene

Concen: 157.578 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

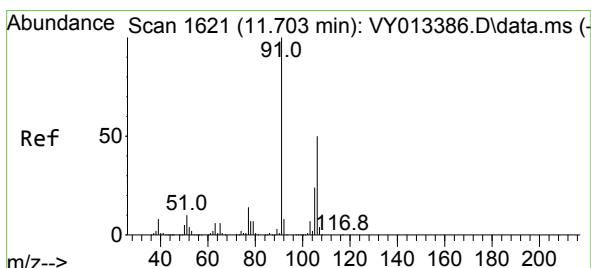
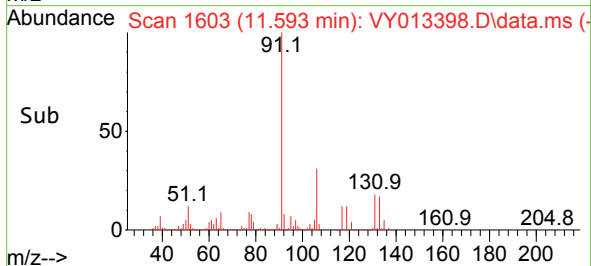
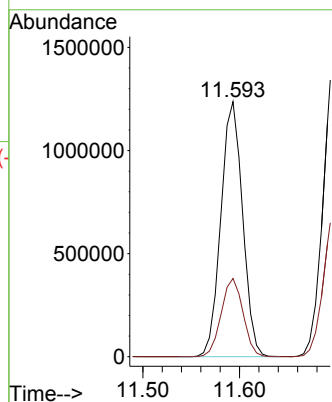
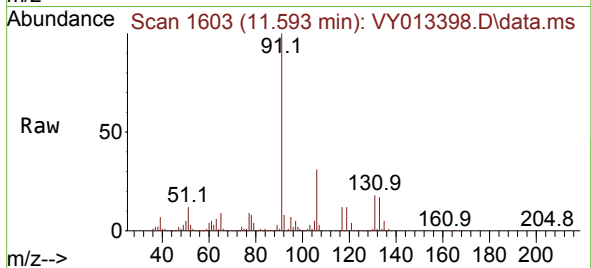
VSTDIC150

Tgt Ion: 91 Resp: 1925582

Ion Ratio Lower Upper

91 100

106 30.7 25.1 37.7



#68

m/p-Xylenes

Concen: 310.965 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013398.D

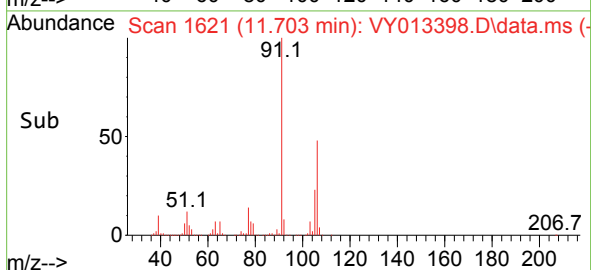
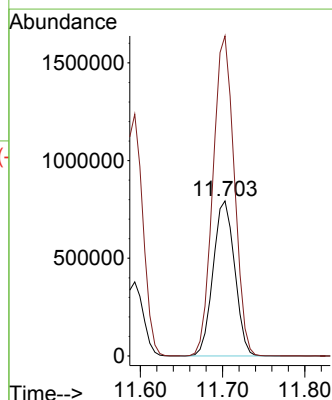
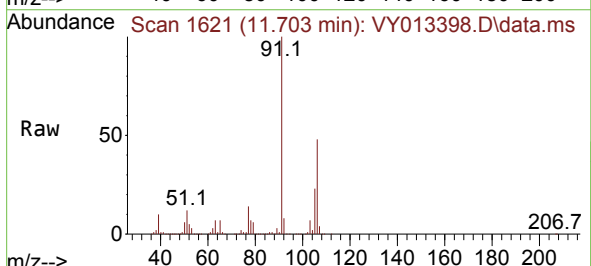
Acq: 24 Apr 2023 13:19

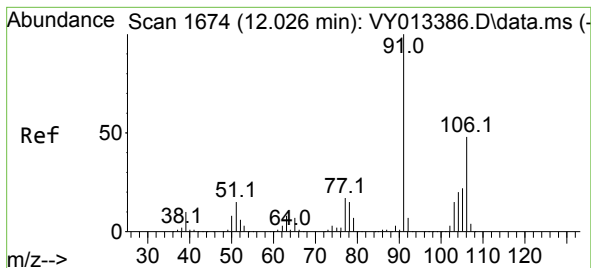
Tgt Ion:106 Resp: 1444566

Ion Ratio Lower Upper

106 100

91 204.6 160.9 241.3





#69

o-Xylene

Concen: 155.481 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

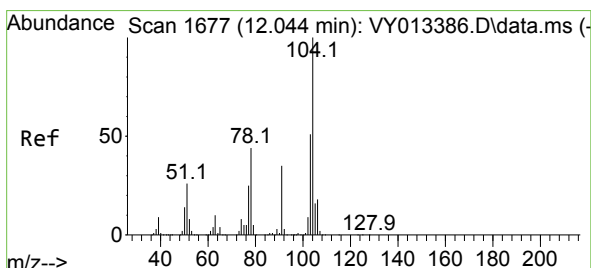
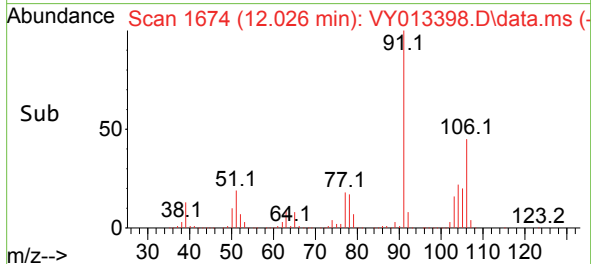
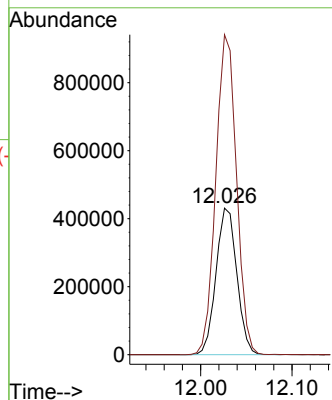
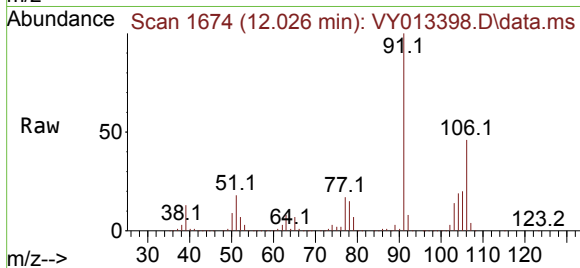
VSTDIC150

Tgt Ion:106 Resp: 683092

Ion Ratio Lower Upper

106 100

91 216.9 105.5 316.4



#70

Styrene

Concen: 157.538 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

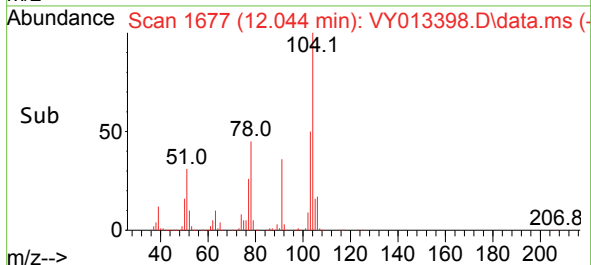
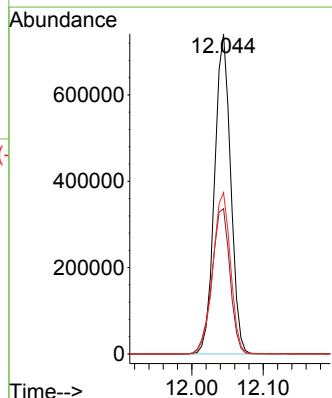
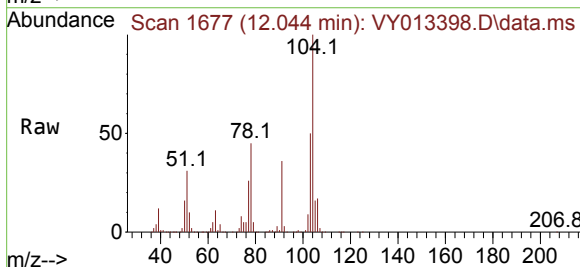
Tgt Ion:104 Resp: 1157262

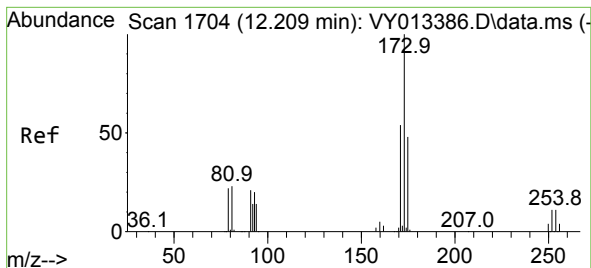
Ion Ratio Lower Upper

104 100

78 51.2 40.3 60.5

103 55.4 45.0 67.4





#71

Bromoform

Concen: 149.693 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

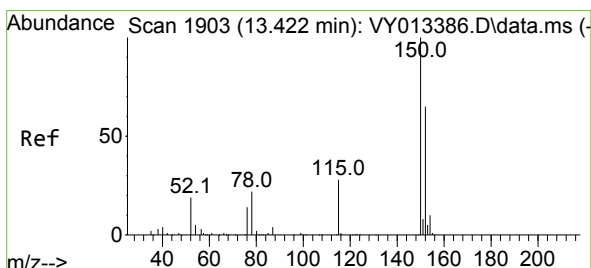
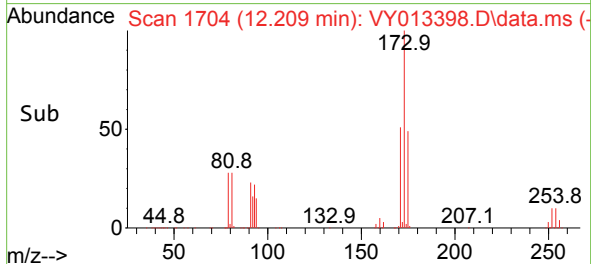
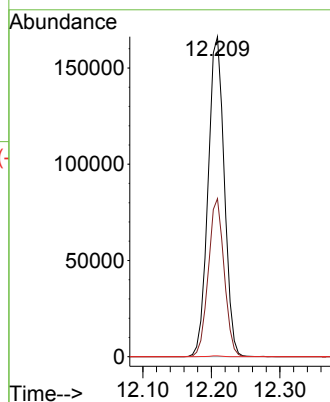
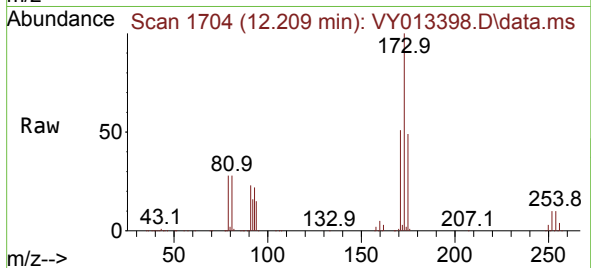
Tgt Ion:173 Resp: 272889

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

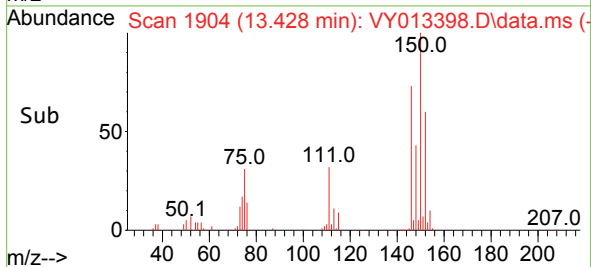
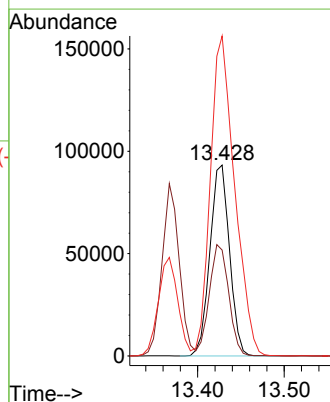
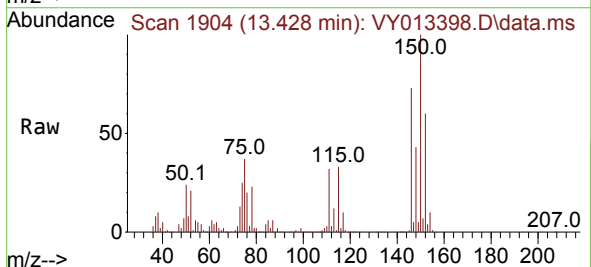
Tgt Ion:152 Resp: 146631

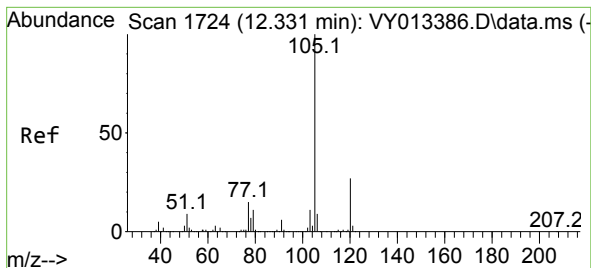
Ion Ratio Lower Upper

152 100

115 57.6 28.1 84.2

150 207.8 0.0 352.0





#73

Isopropylbenzene

Concen: 162.833 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

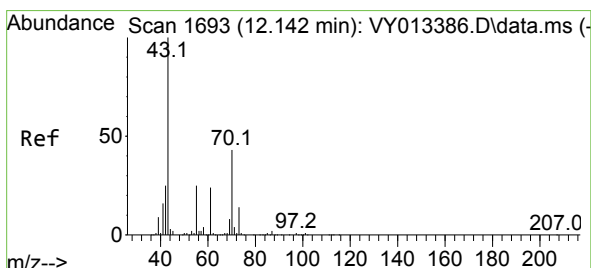
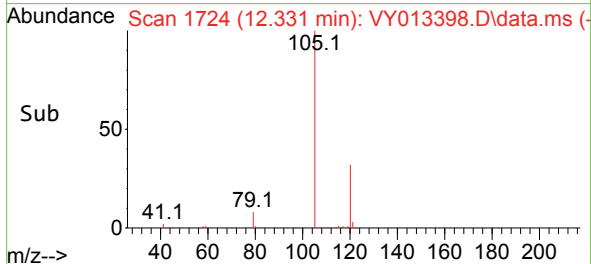
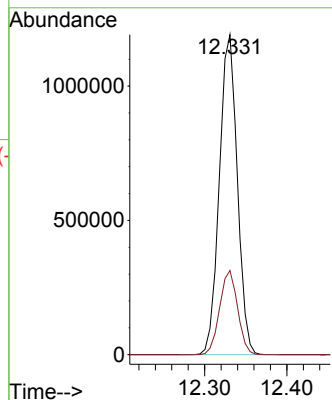
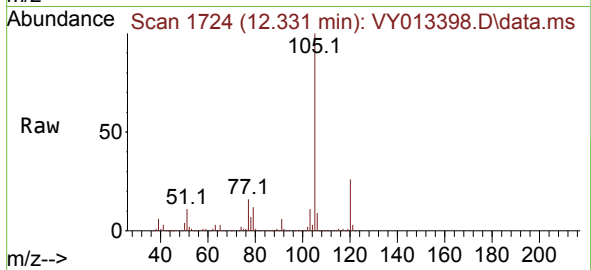
VSTDIC150

Tgt Ion:105 Resp: 1805920

Ion Ratio Lower Upper

105 100

120 26.3 13.7 41.0



#74

N-ethyl acetate

Concen: 174.341 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Tgt Ion: 43 Resp: 688075

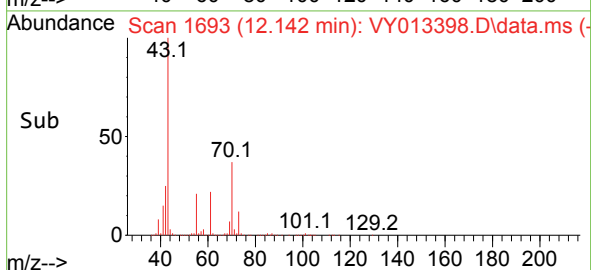
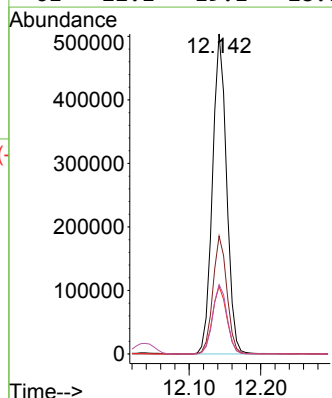
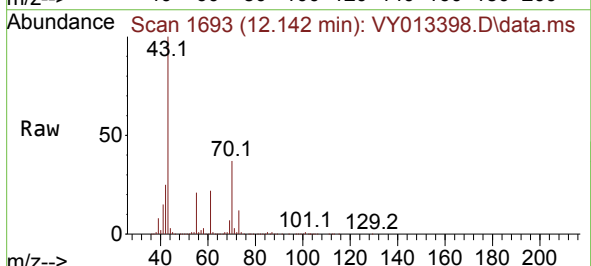
Ion Ratio Lower Upper

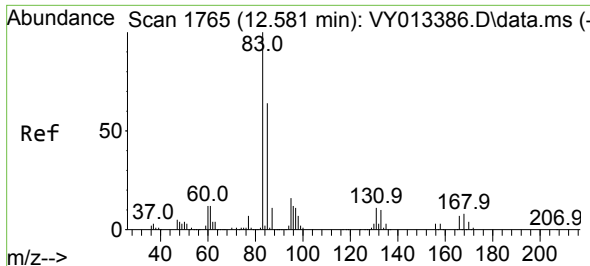
43 100

70 36.7 33.0 49.4

55 21.7 19.8 29.6

61 22.1 19.1 28.7

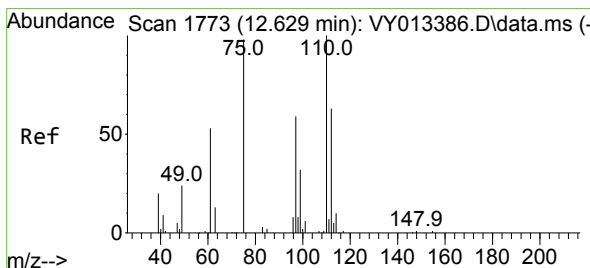
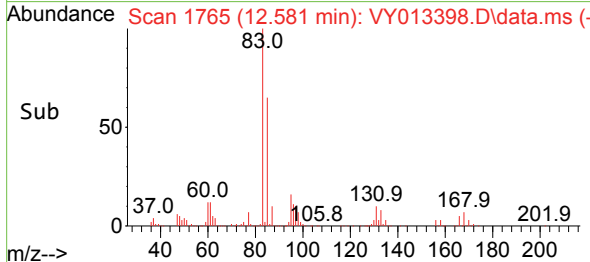
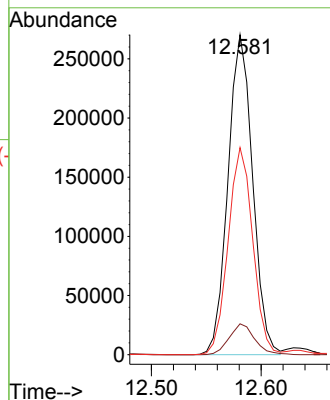
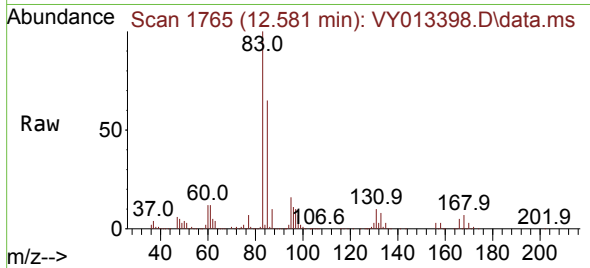




#75
 1,1,2,2-Tetrachloroethane
 Concen: 155.938 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013398.D
 Acq: 24 Apr 2023 13:19

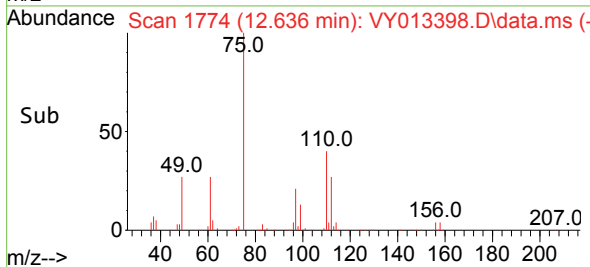
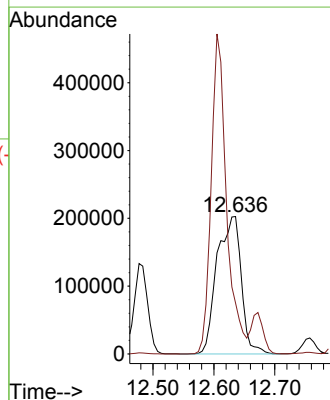
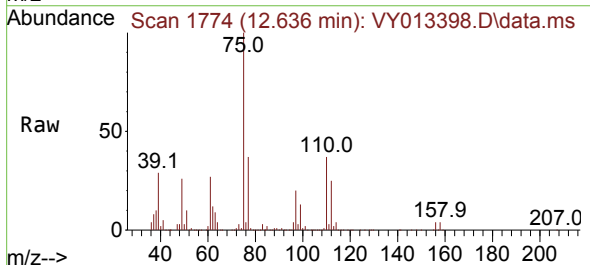
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

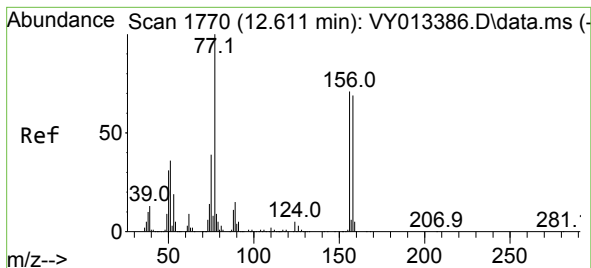
Tgt Ion: 83 Resp: 422726
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.7 17.0
 85 64.6 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 277.343 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.007 min
 Lab File: VY013398.D
 Acq: 24 Apr 2023 13:19

Tgt Ion: 75 Resp: 561535
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 152.407 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

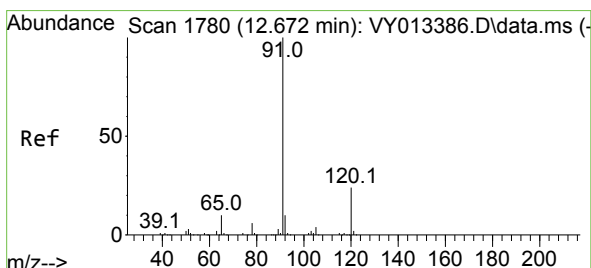
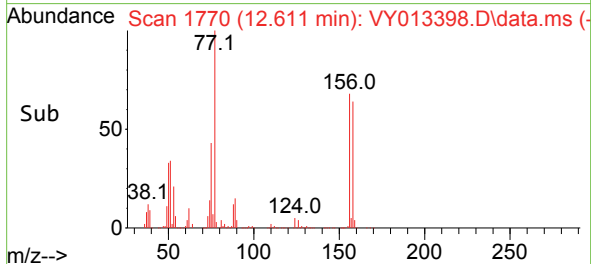
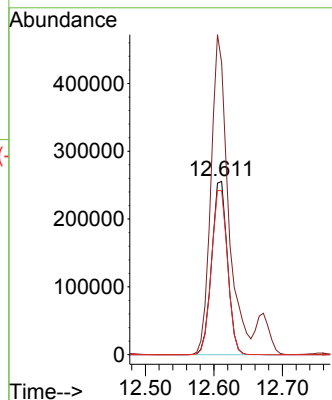
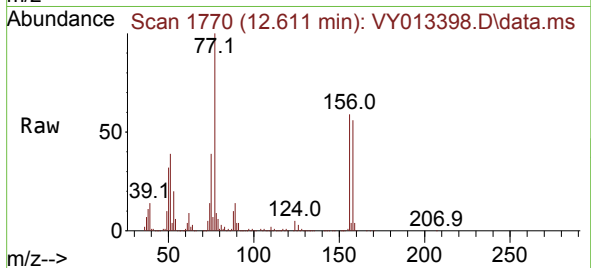
Tgt Ion:156 Resp: 409564

Ion Ratio Lower Upper

156 100

77 202.4 87.6 262.9

158 96.8 48.5 145.5



#78

n-propylbenzene

Concen: 159.993 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013398.D

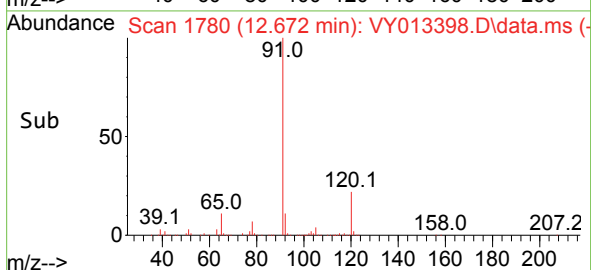
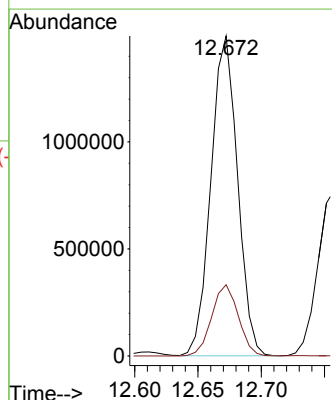
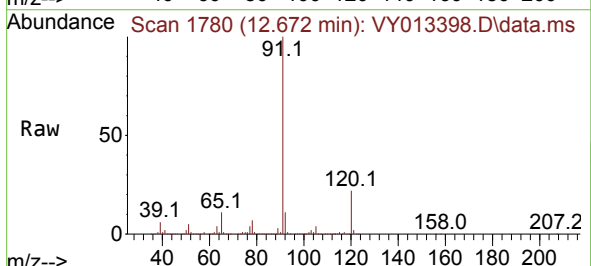
Acq: 24 Apr 2023 13:19

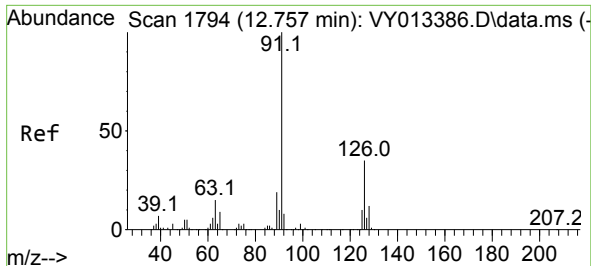
Tgt Ion: 91 Resp: 2185613

Ion Ratio Lower Upper

91 100

120 22.2 11.9 35.9

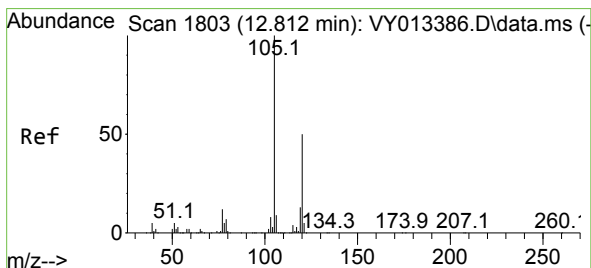
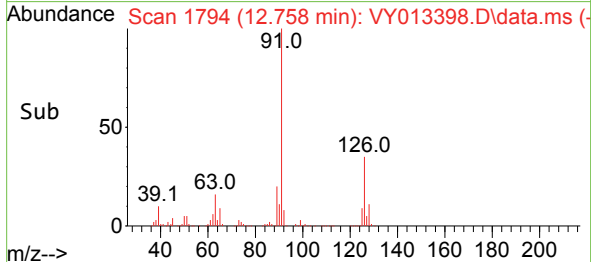
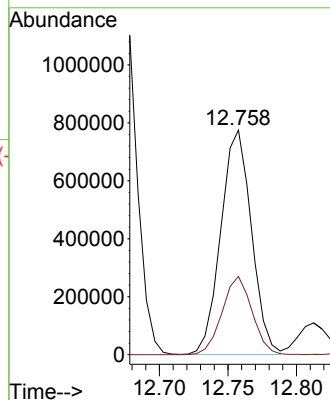
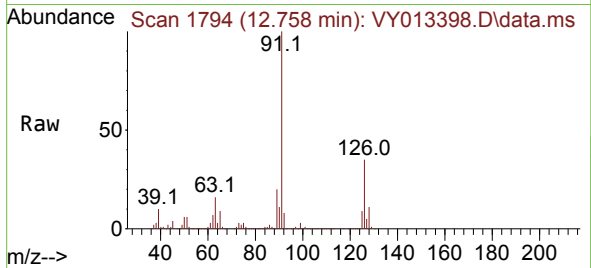




#79
2-Chlorotoluene
Concen: 157.944 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

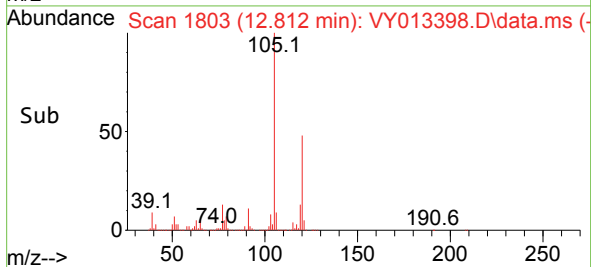
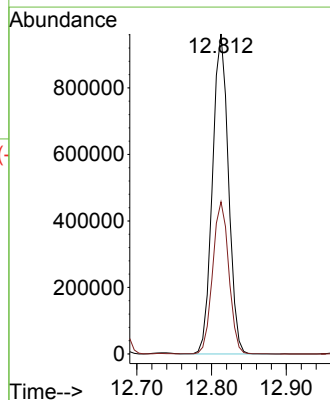
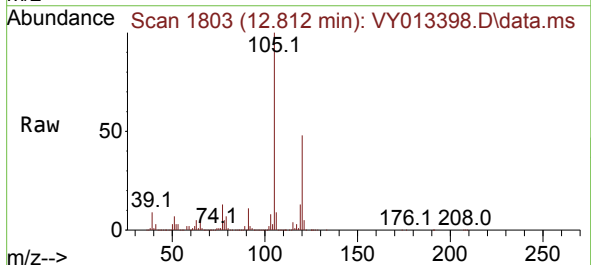
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

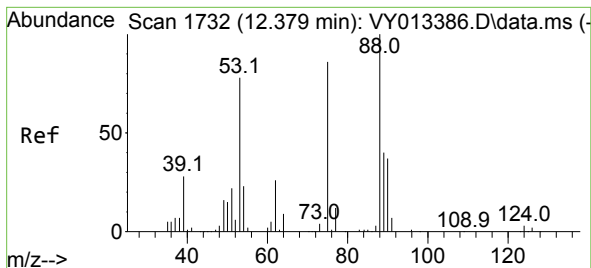
Tgt Ion: 91 Resp: 1204876
Ion Ratio Lower Upper
91 100
126 34.1 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 158.121 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 105 Resp: 1431328
Ion Ratio Lower Upper
105 100
120 48.1 24.7 74.1

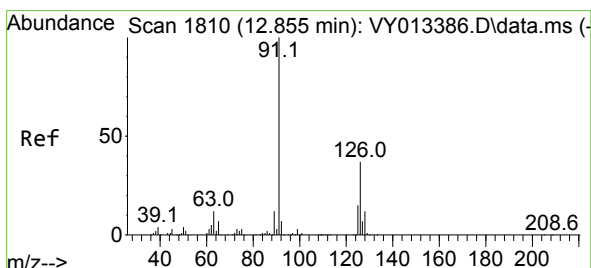
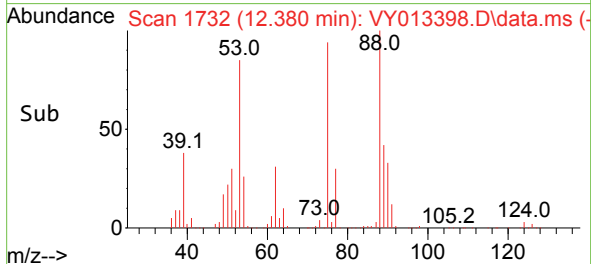
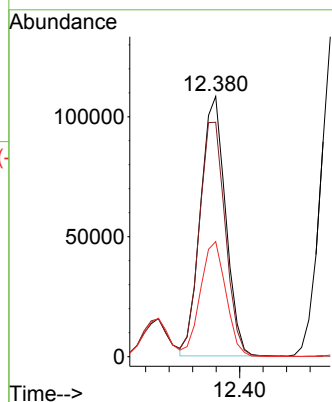
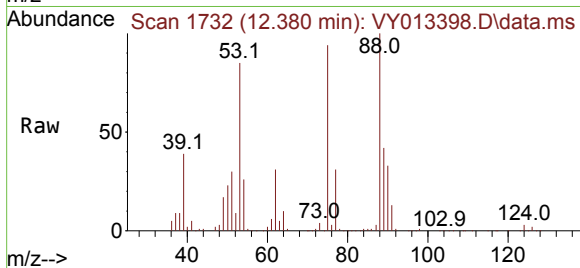




#81
trans-1,4-Dichloro-2-butene
Concen: 166.194 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

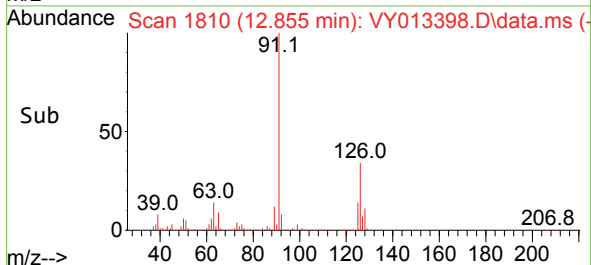
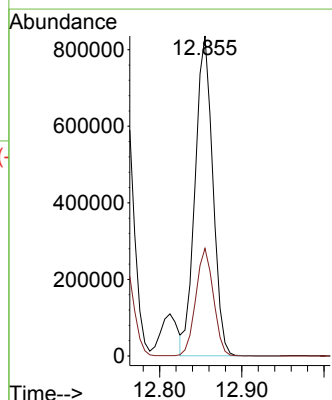
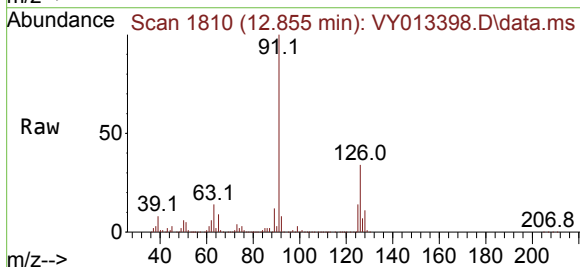
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

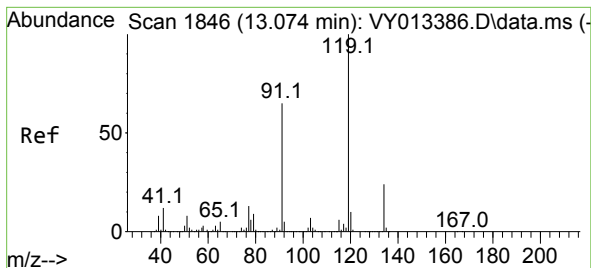
Tgt Ion: 75 Resp: 160664
Ion Ratio Lower Upper
75 100
53 93.4 73.2 109.8
89 45.1 38.0 57.0



#82
4-Chlorotoluene
Concen: 156.550 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion: 91 Resp: 1244738
Ion Ratio Lower Upper
91 100
126 33.6 17.9 53.8





#83

tert-Butylbenzene

Concen: 157.517 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

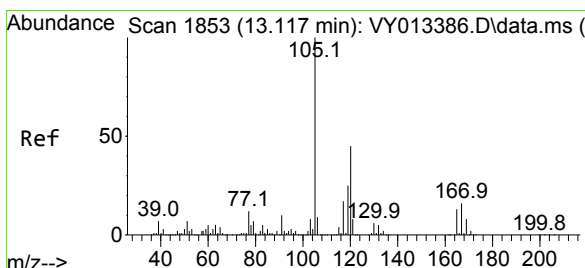
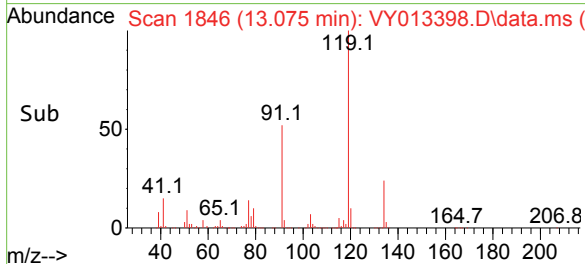
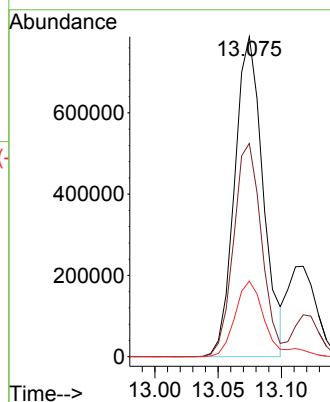
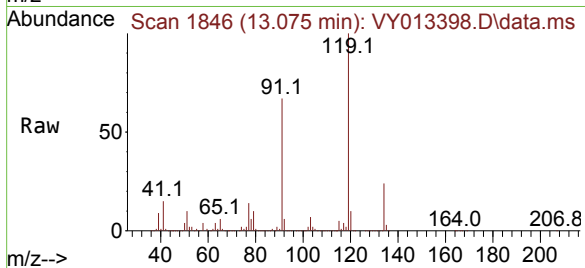
Tgt Ion:119 Resp: 1235322

Ion Ratio Lower Upper

119 100

91 65.4 32.2 96.6

134 25.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 158.670 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013398.D

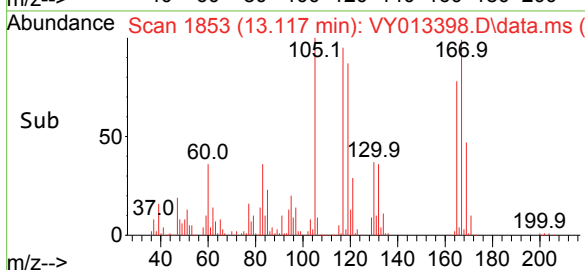
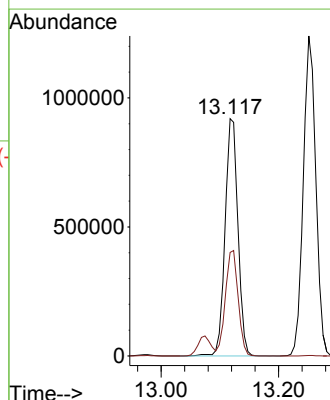
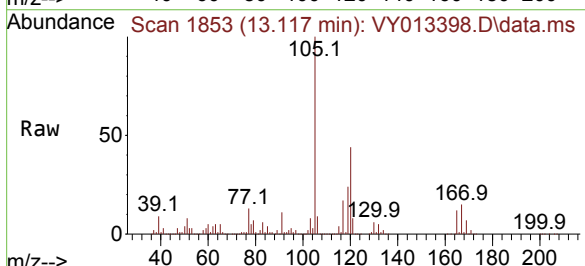
Acq: 24 Apr 2023 13:19

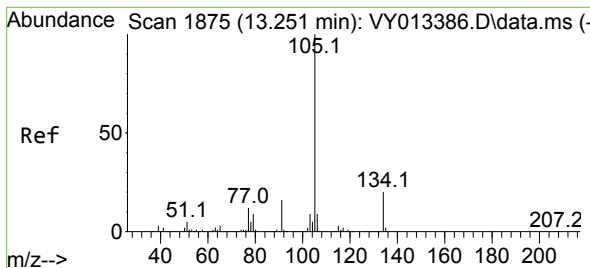
Tgt Ion:105 Resp: 1396422

Ion Ratio Lower Upper

105 100

120 44.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 155.367 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

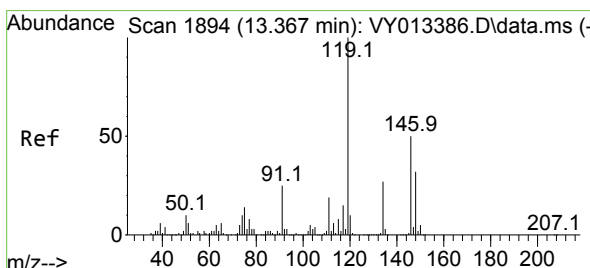
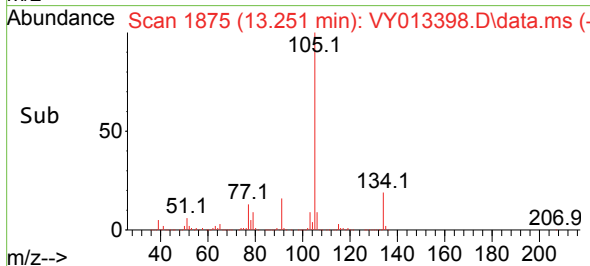
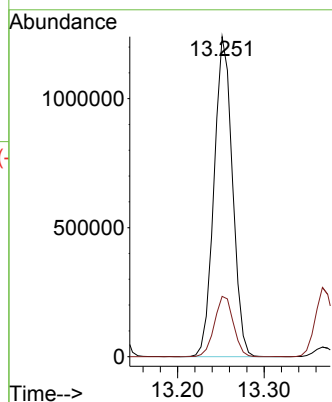
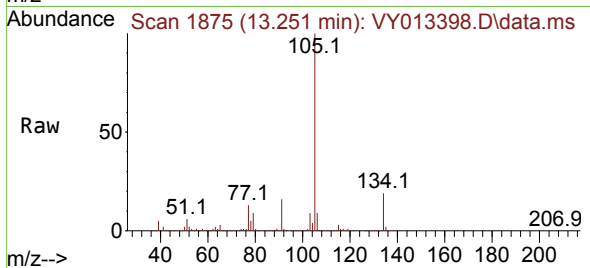
VSTDIC150

Tgt Ion:105 Resp: 1828687

Ion Ratio Lower Upper

105 100

134 19.4 10.3 30.9



#86

p-Isopropyltoluene

Concen: 155.638 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

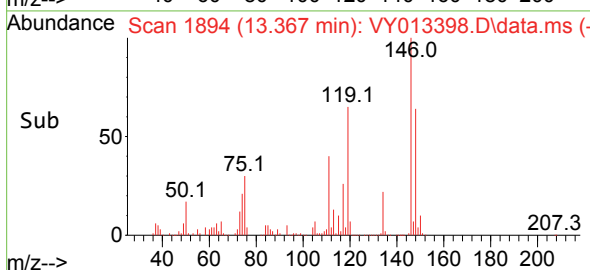
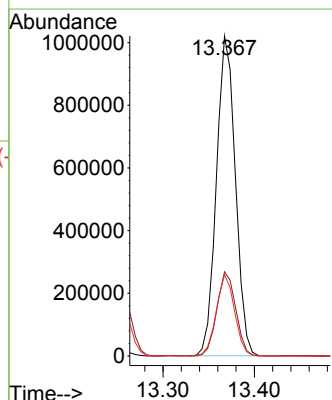
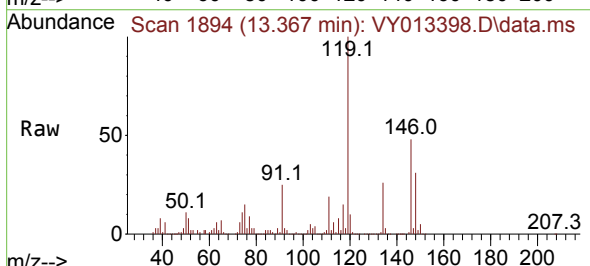
Tgt Ion:119 Resp: 1473147

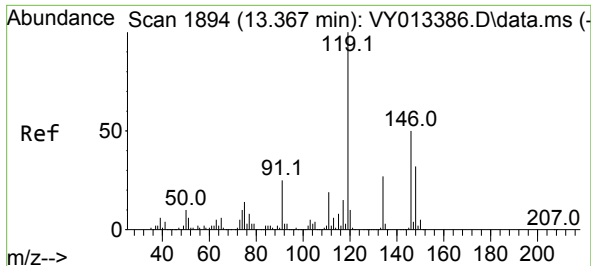
Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

91 24.5 12.1 36.3

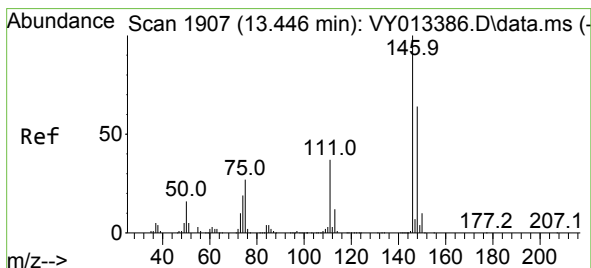
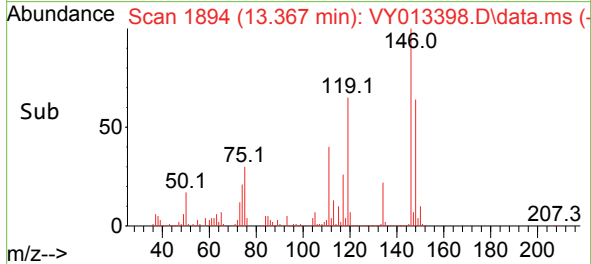
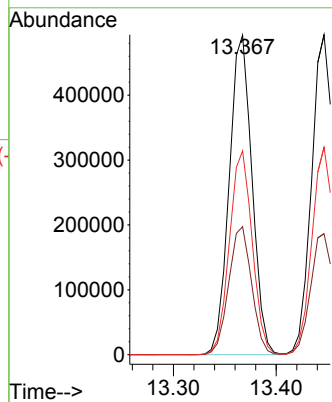
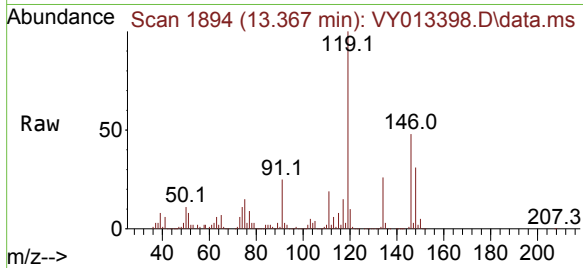




#87
1,3-Dichlorobenzene
Concen: 148.129 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

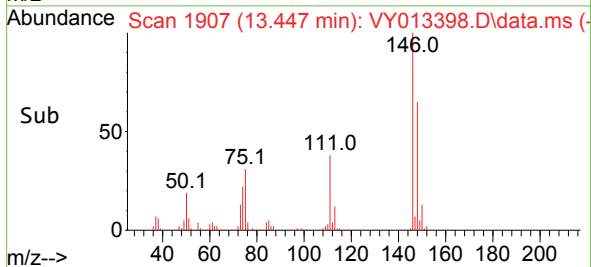
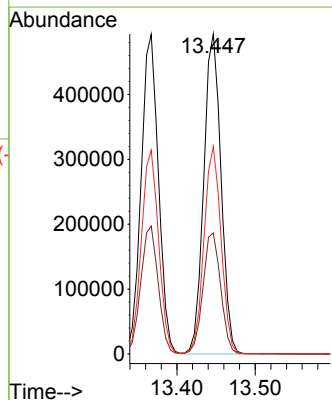
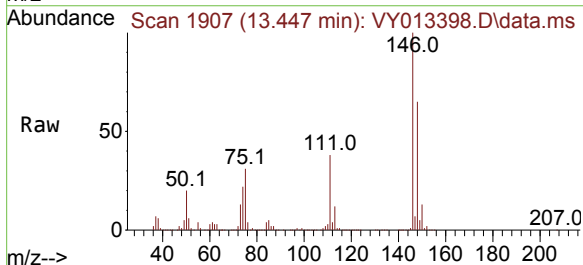
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

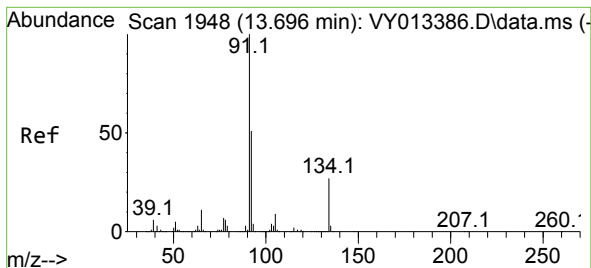
Tgt Ion:146 Resp: 758389
Ion Ratio Lower Upper
146 100
111 40.4 19.3 57.9
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 145.922 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY013398.D
Acq: 24 Apr 2023 13:19

Tgt Ion:146 Resp: 754677
Ion Ratio Lower Upper
146 100
111 38.6 18.9 56.5
148 64.2 31.9 95.5





#89

n-Butylbenzene

Concen: 158.187 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

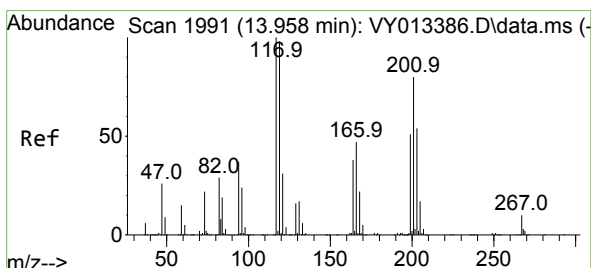
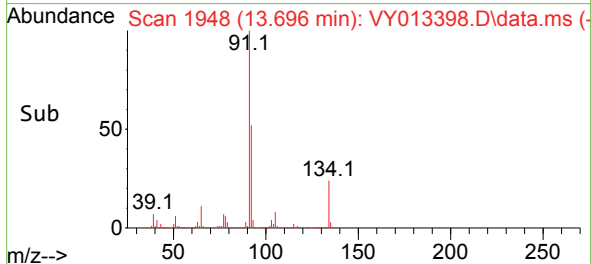
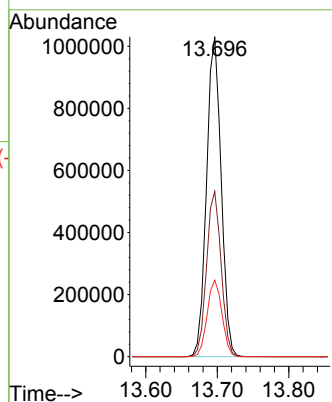
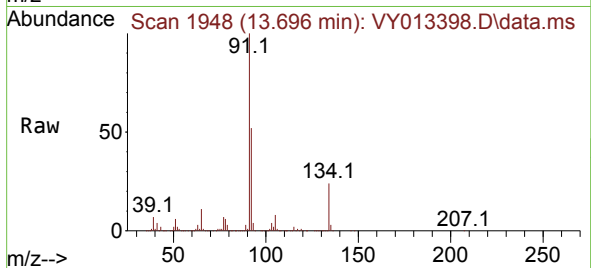
Tgt Ion: 91 Resp: 1461354

Ion Ratio Lower Upper

91 100

92 51.5 25.8 77.3

134 24.3 13.5 40.4



#90

Hexachloroethane

Concen: 151.780 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013398.D

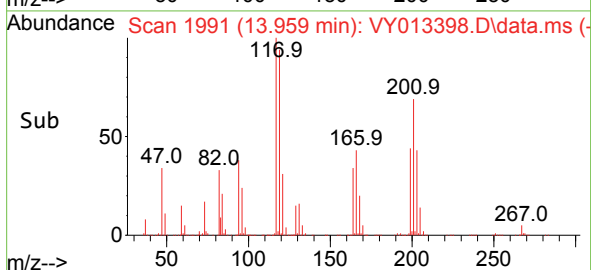
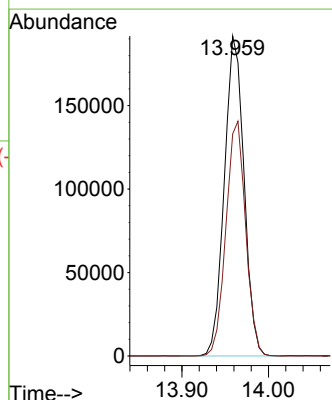
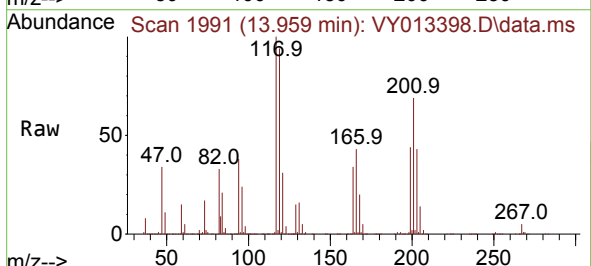
Acq: 24 Apr 2023 13:19

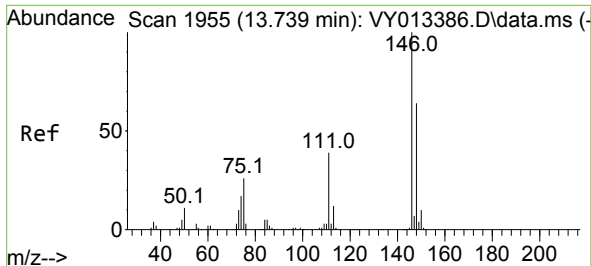
Tgt Ion: 117 Resp: 302361

Ion Ratio Lower Upper

117 100

201 73.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 150.202 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

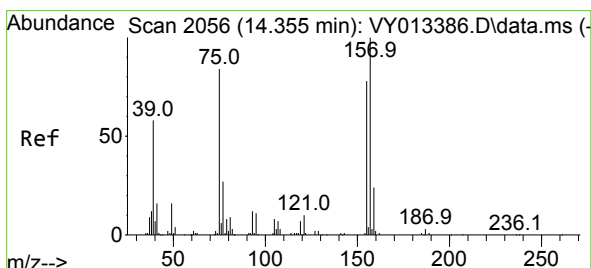
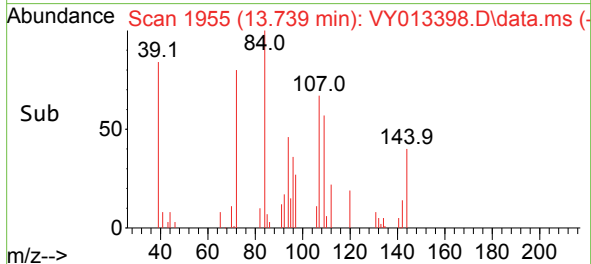
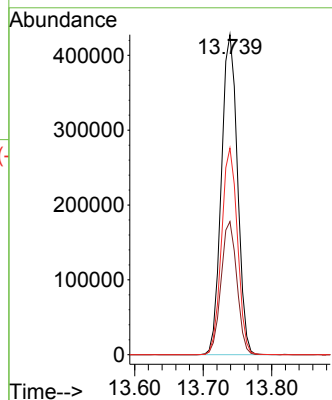
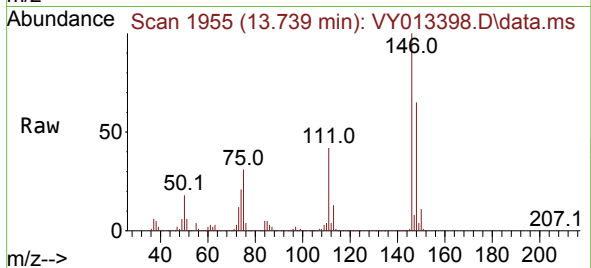
Tgt Ion:146 Resp: 694427

Ion Ratio Lower Upper

146 100

111 41.0 19.8 59.4

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 162.233 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

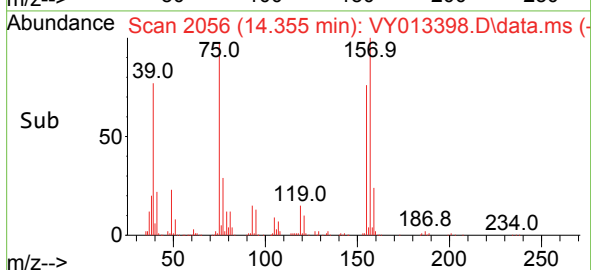
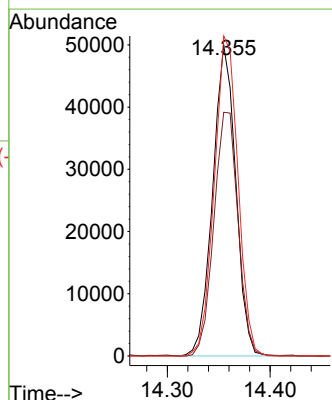
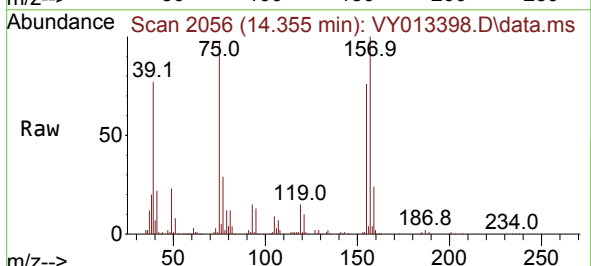
Tgt Ion: 75 Resp: 77672

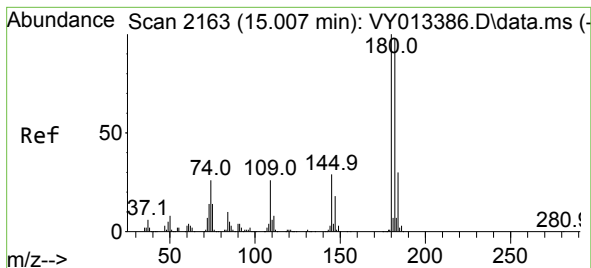
Ion Ratio Lower Upper

75 100

155 82.2 44.6 134.0

157 105.7 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 152.681 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

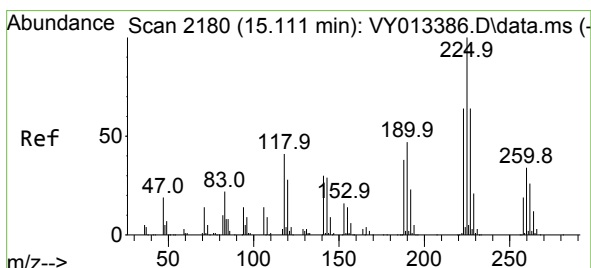
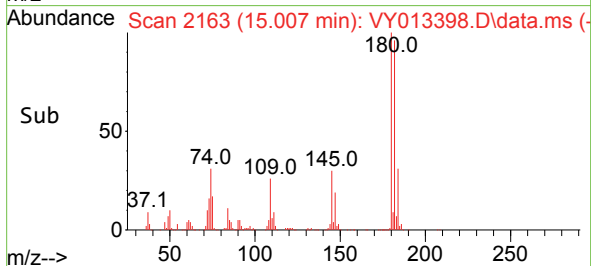
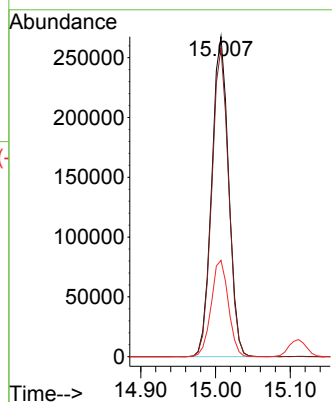
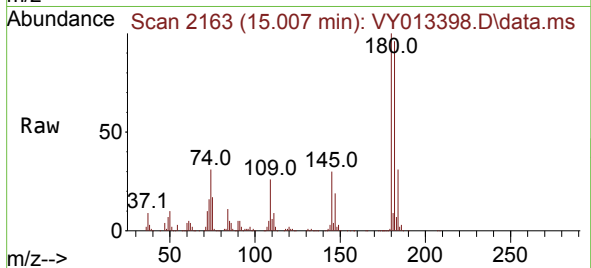
Tgt Ion:180 Resp: 420856

Ion Ratio Lower Upper

180 100

182 95.7 48.5 145.5

145 30.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 138.219 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

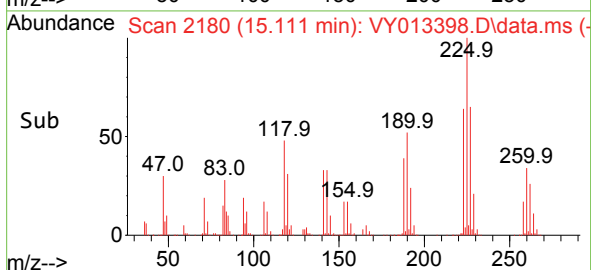
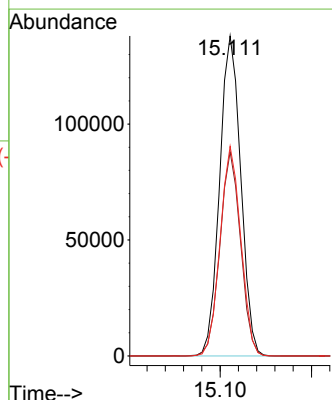
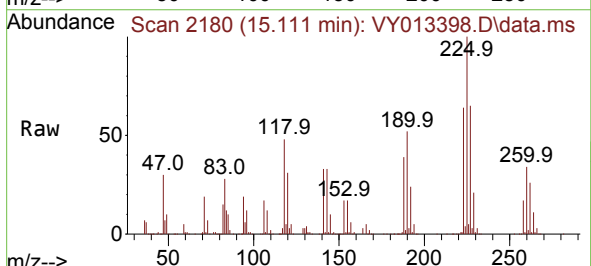
Tgt Ion:225 Resp: 221732

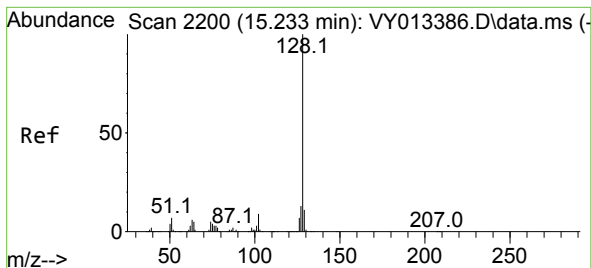
Ion Ratio Lower Upper

225 100

223 62.2 31.4 94.2

227 64.3 32.0 96.0





#95

Naphthalene

Concen: 172.706 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

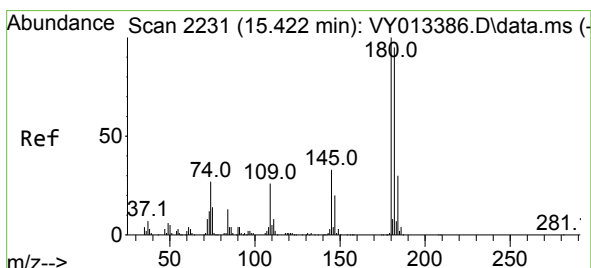
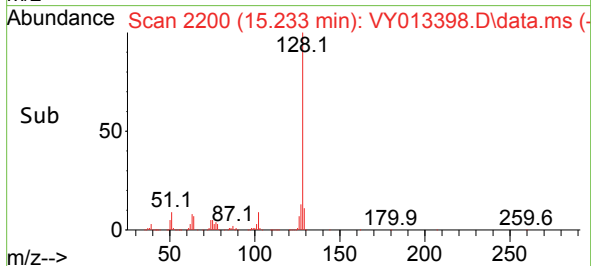
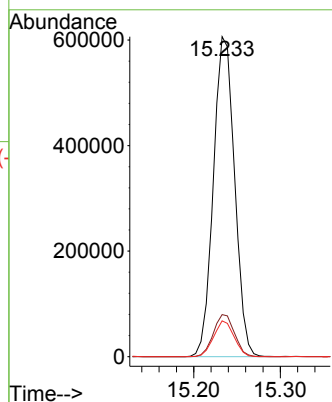
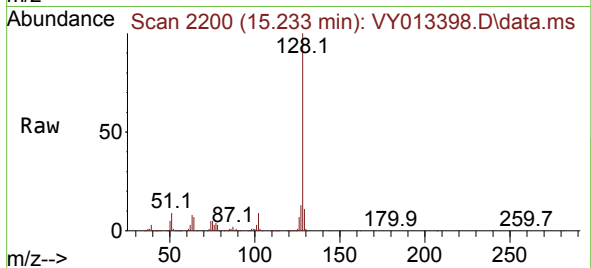
Tgt Ion:128 Resp: 1032902

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 152.660 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013398.D

Acq: 24 Apr 2023 13:19

Tgt Ion:180 Resp: 375055

Ion Ratio Lower Upper

180 100

182 95.7 47.1 141.3

145 32.5 15.9 47.7

