

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013165.D
 Acq On : 03 Apr 2023 10:21
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 03 23:04:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	136973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	176742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	67181	45.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.280%
35) Dibromofluoromethane	7.722	113	63187	49.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.160%
50) Toluene-d8	10.179	98	244235	50.252	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.500%
62) 4-Bromofluorobenzene	12.483	95	80043	50.596	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	62896	46.841	ug/l	97
3) Chloromethane	2.113	50	56226	40.154	ug/l	98
4) Vinyl Chloride	2.253	62	58431	41.620	ug/l	99
5) Bromomethane	2.656	94	43672	44.079	ug/l	96
6) Chloroethane	2.796	64	37719	42.891	ug/l	100
7) Trichlorofluoromethane	3.131	101	121150	48.487	ug/l	99
8) Diethyl Ether	3.534	74	37451	47.732	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	64262	46.650	ug/l	95
10) Methyl Iodide	4.094	142	93752	52.264	ug/l	99
11) Tert butyl alcohol	4.948	59	30234	227.884	ug/l	99
12) 1,1-Dichloroethene	3.875	96	63661	47.806	ug/l	93
13) Acrolein	3.729	56	41773	224.364	ug/l	99
14) Allyl chloride	4.485	41	102445	45.151	ug/l	94
15) Acrylonitrile	5.167	53	87360	224.067	ug/l	98
16) Acetone	3.948	43	126659	281.387	ug/l	97
17) Carbon Disulfide	4.198	76	198959	44.864	ug/l	99
18) Methyl Acetate	4.485	43	62412	44.005	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	167689	49.694	ug/l	96
20) Methylene Chloride	4.716	84	73763	47.166	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	71401	47.588	ug/l	94
22) Diisopropyl ether	6.118	45	199360	44.972	ug/l	94
23) Vinyl Acetate	6.064	43	578753	229.585	ug/l	97
24) 1,1-Dichloroethane	6.021	63	119877	45.660	ug/l	100
25) 2-Butanone	6.984	43	138643	246.329	ug/l	98
26) 2,2-Dichloropropane	6.984	77	113824	48.202	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	78619	48.638	ug/l	96
28) Bromochloromethane	7.332	49	50090	44.463	ug/l	86
29) Tetrahydrofuran	7.350	42	72770	218.411	ug/l	93
30) Chloroform	7.508	83	127500	46.897	ug/l	98
31) Cyclohexane	7.783	56	103039	42.877	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	118840	49.439	ug/l	99
36) 1,1-Dichloropropene	7.917	75	95941	49.502	ug/l	98
37) Ethyl Acetate	7.069	43	49355	44.829	ug/l	98
38) Carbon Tetrachloride	7.905	117	112060	52.402	ug/l	97
39) Methylcyclohexane	9.185	83	114454	50.337	ug/l	98
40) Benzene	8.161	78	275145	49.152	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	69922	143.158	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	85006	49.565	ug/l	100
43) Isopropyl Acetate	8.270	43	93546	47.468	ug/l	96
44) Trichloroethene	8.941	130	78225	50.763	ug/l	99
45) 1,2-Dichloropropane	9.215	63	65720	46.885	ug/l	97
46) Dibromomethane	9.307	93	40171	49.887	ug/l	94
47) Bromodichloromethane	9.496	83	97326	50.092	ug/l #	99
48) Methyl methacrylate	9.295	41	43621	47.527	ug/l	93
49) 1,4-Dioxane	9.295	88	9978	1041.595	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	252833	237.720	ug/l	97
52) Toluene	10.246	92	176004	50.687	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	100508	50.609	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	112214	49.474	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	55871	50.195	ug/l	94
56) Ethyl methacrylate	10.514	69	72441	51.763	ug/l	96
57) 1,3-Dichloropropane	10.788	76	92288	49.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	151061	230.850	ug/l	94
59) 2-Hexanone	10.831	43	205108	266.650	ug/l	98
60) Dibromochloromethane	10.983	129	72890	52.139	ug/l	99
61) 1,2-Dibromoethane	11.093	107	53761	49.849	ug/l	99
64) Tetrachloroethene	10.721	164	71469	52.599	ug/l	97
65) Chlorobenzene	11.520	112	189660	50.548	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	73133	51.991	ug/l	99
67) Ethyl Benzene	11.593	91	337033	52.008	ug/l	98
68) m/p-Xylenes	11.703	106	265254	105.812	ug/l	100
69) o-Xylene	12.032	106	125731	54.073	ug/l	96
70) Styrene	12.044	104	213068	54.778	ug/l	99
71) Bromoform	12.209	173	48163	55.217	ug/l #	96
73) Isopropylbenzene	12.331	105	330668	52.594	ug/l	99
74) N-amyl acetate	12.142	43	83954	48.634	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	63262	48.036	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	83405	81.513	ug/l #	100
77) Bromobenzene	12.611	156	81543	52.167	ug/l	91
78) n-propylbenzene	12.672	91	392057	50.716	ug/l	98
79) 2-Chlorotoluene	12.757	91	220735	50.321	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	276136	52.533	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	22697	49.469	ug/l	97
82) 4-Chlorotoluene	12.855	91	230350	50.457	ug/l	99
83) tert-Butylbenzene	13.075	119	239853	53.125	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	272461	52.929	ug/l	99
85) sec-Butylbenzene	13.257	105	354805	52.047	ug/l	100
86) p-Isopropyltoluene	13.373	119	299668	53.397	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	159892	51.601	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	159390	51.333	ug/l	99
89) n-Butylbenzene	13.696	91	267888	51.062	ug/l	98
90) Hexachloroethane	13.965	117	58665	50.180	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	141961	51.300	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10629	48.502	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	89159	55.249	ug/l	99
94) Hexachlorobutadiene	15.117	225	52940	53.340	ug/l	99
95) Naphthalene	15.239	128	172867	50.536	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	78898	55.492	ug/l	99

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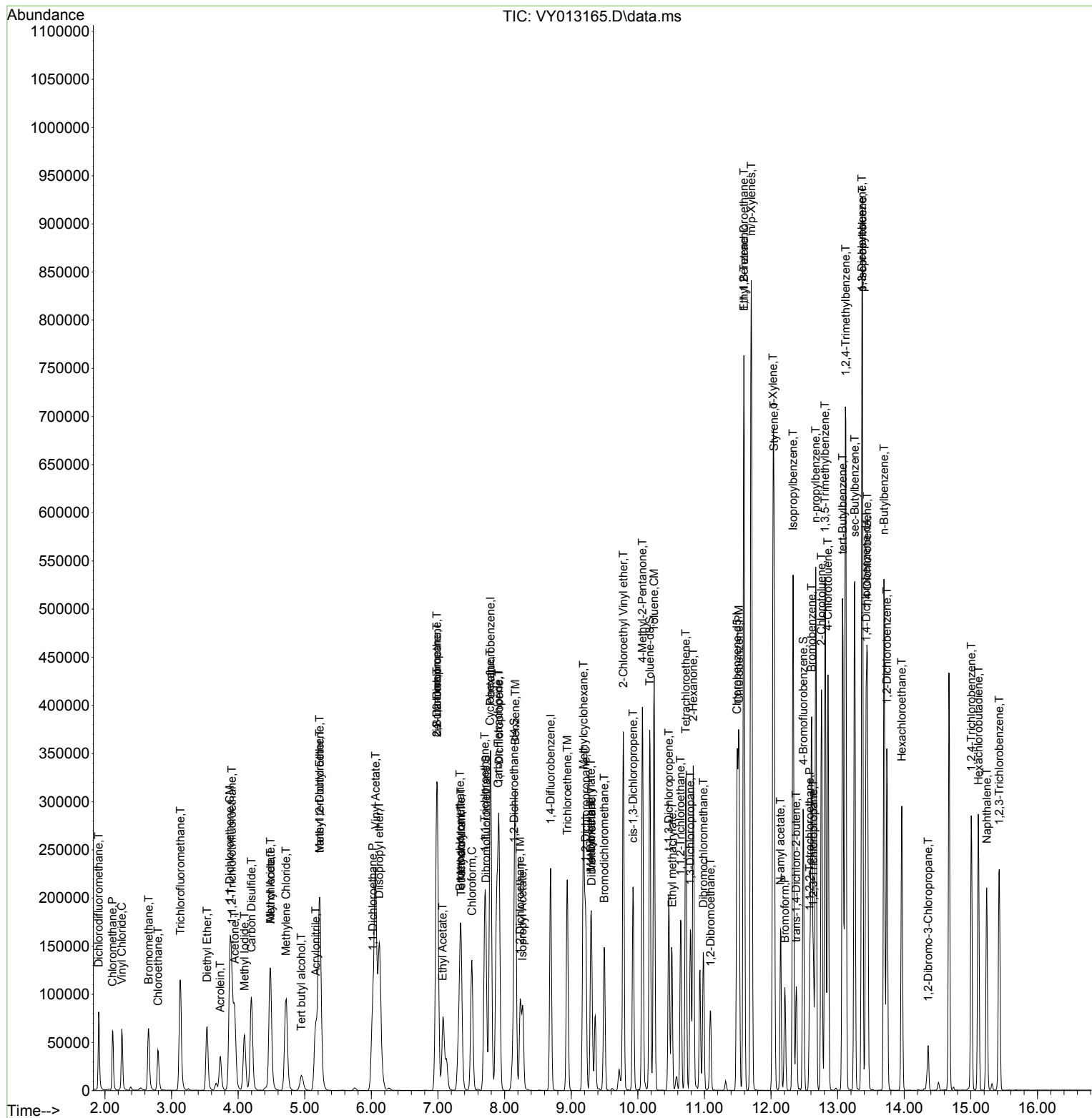
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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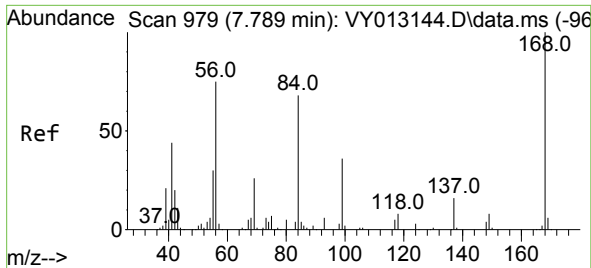
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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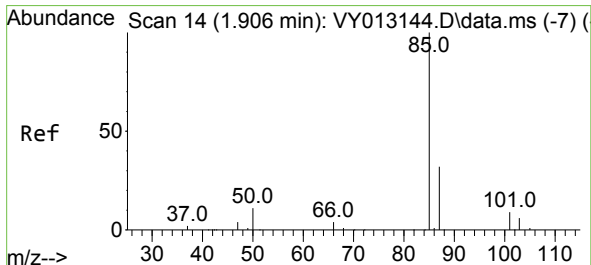
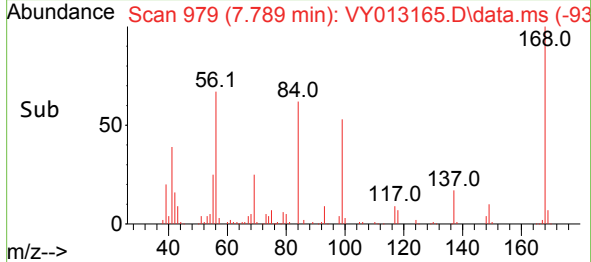
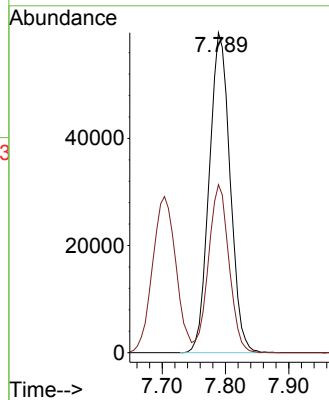
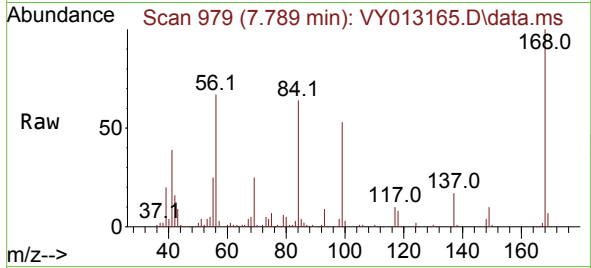




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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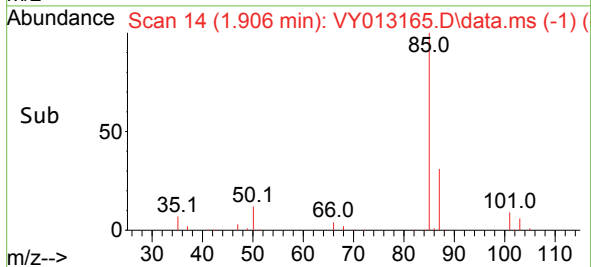
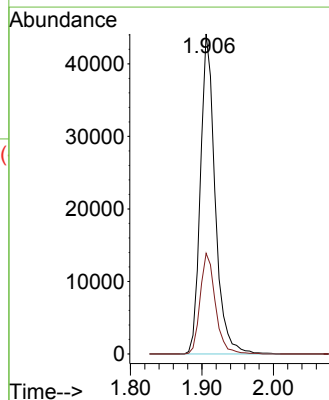
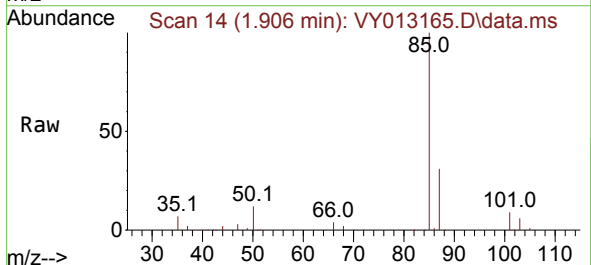
Instrument :
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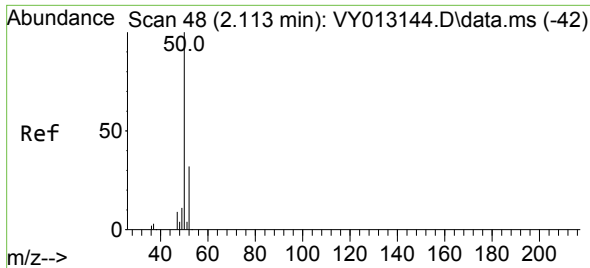
Tgt Ion:168 Resp: 136973
Ion Ratio Lower Upper
168 100
99 52.5 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 46.841 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 85 Resp: 62896
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.0

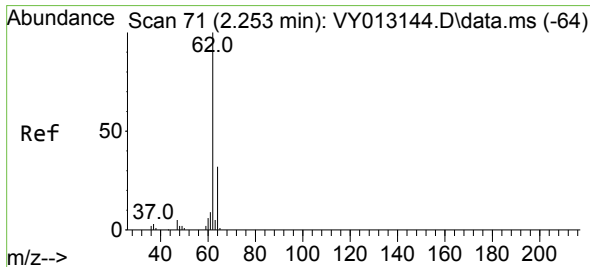
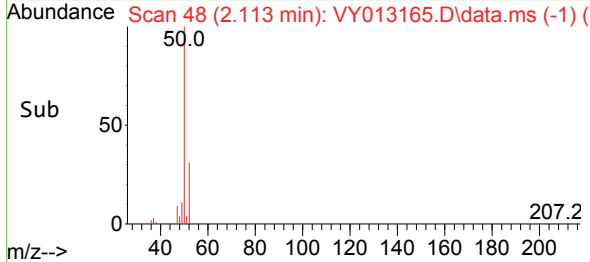
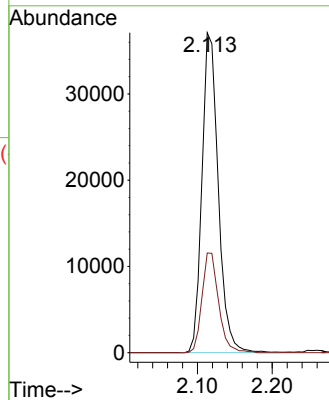
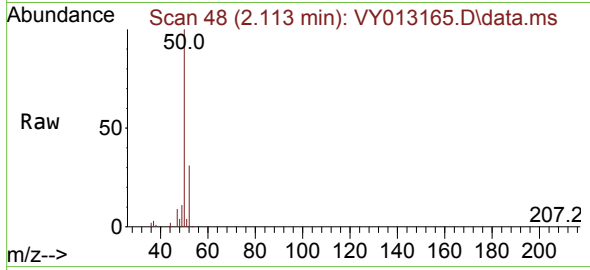




#3
Chloromethane
Concen: 40.154 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

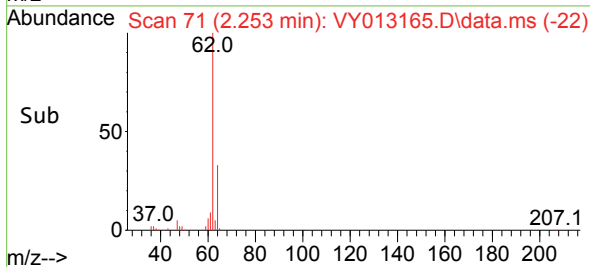
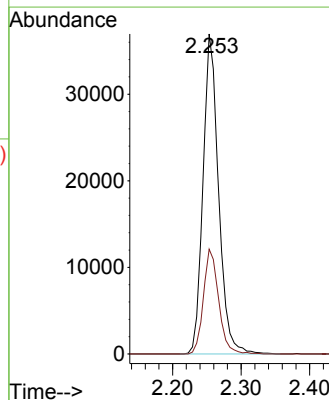
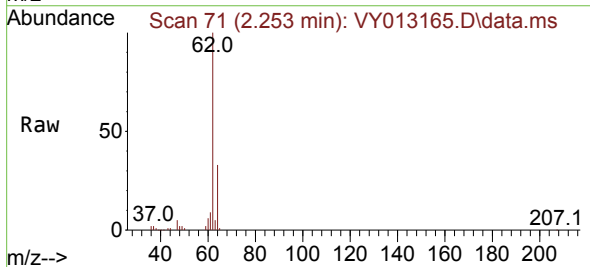
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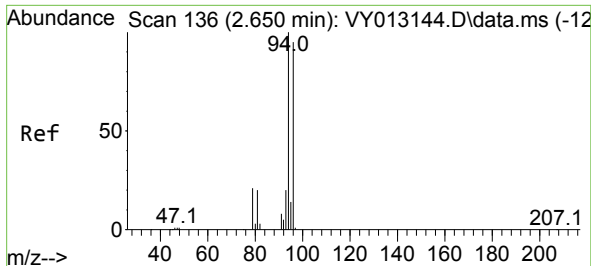
Tgt Ion: 50 Resp: 56226
Ion Ratio Lower Upper
50 100
52 31.1 26.0 39.0



#4
Vinyl Chloride
Concen: 41.620 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013165.D
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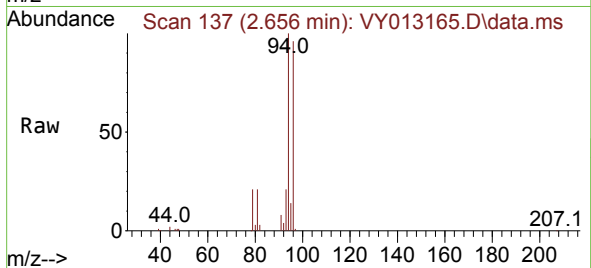
Tgt Ion: 62 Resp: 58431
Ion Ratio Lower Upper
62 100
64 32.8 25.6 38.4



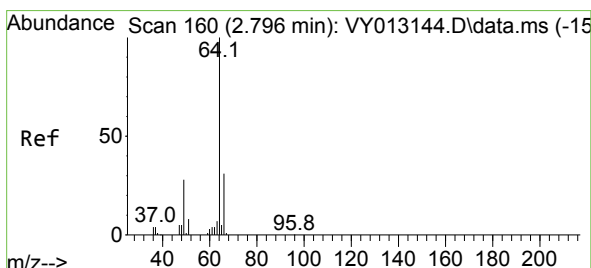
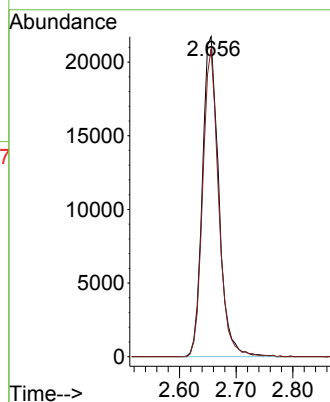
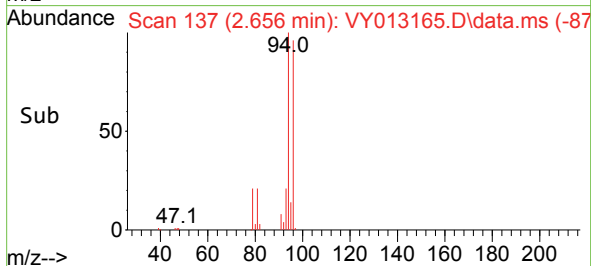


#5
Bromomethane
Concen: 44.079 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013165.D
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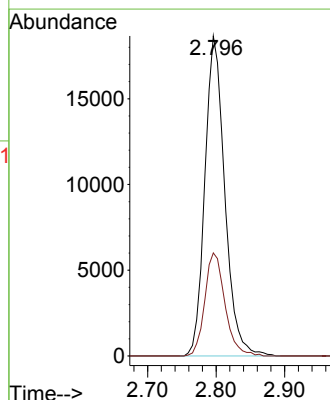
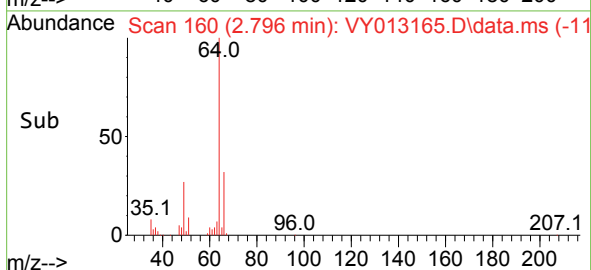
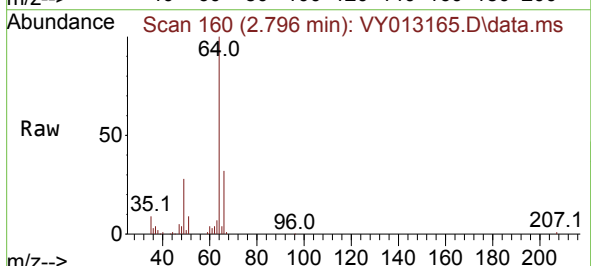


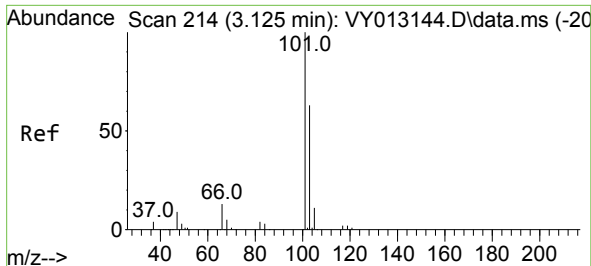
Tgt Ion: 94 Resp: 43672
Ion Ratio Lower Upper
94 100
96 96.1 80.3 120.5



#6
Chloroethane
Concen: 42.891 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 37719
Ion Ratio Lower Upper
64 100
66 32.2 25.7 38.5

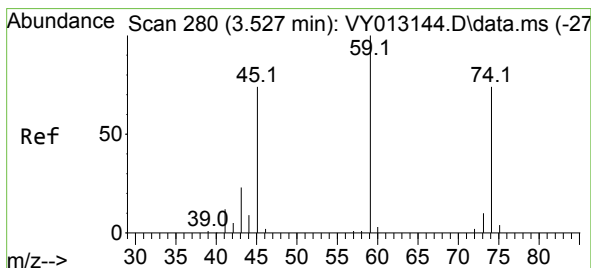
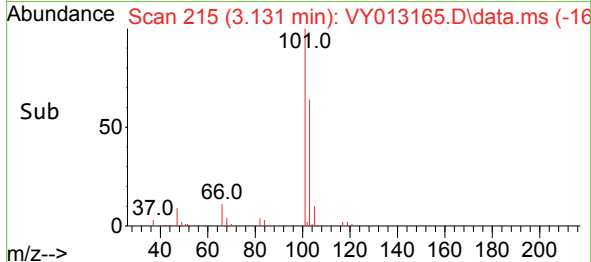
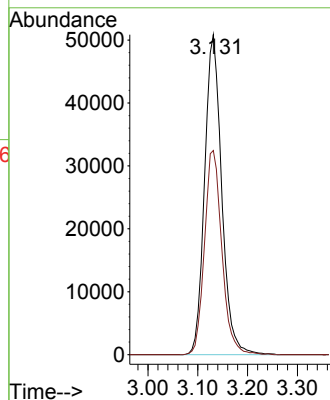
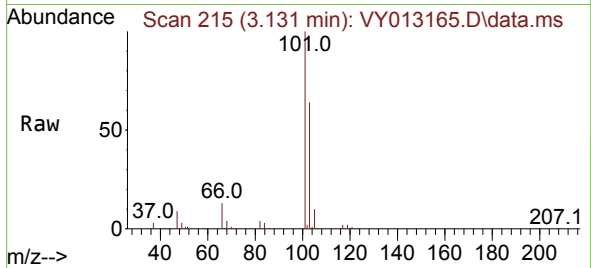




#7
 Trichlorofluoromethane
 Concen: 48.487 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY013165.D
 Acq: 03 Apr 2023 10:21

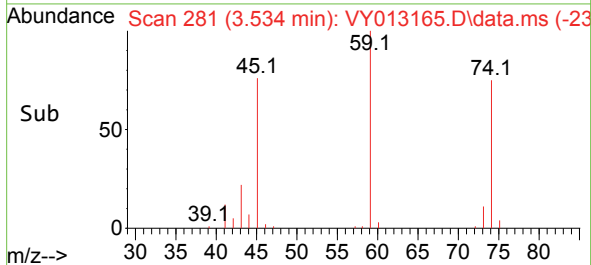
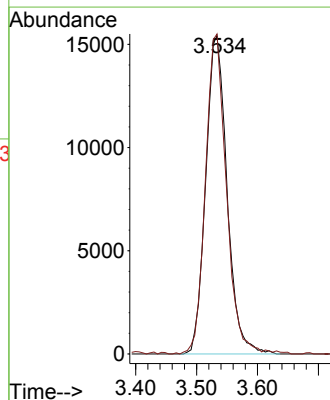
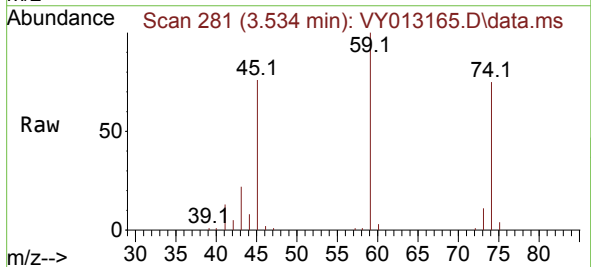
Instrument :
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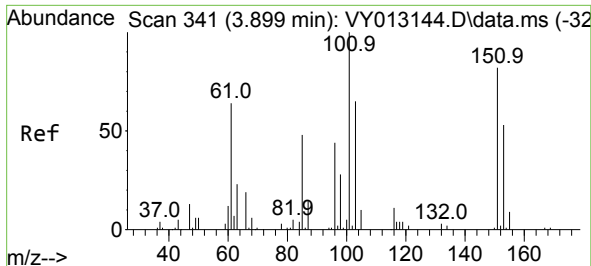
Tgt Ion:101 Resp: 121150
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.5 77.3



#8
 Diethyl Ether
 Concen: 47.732 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.007 min
 Lab File: VY013165.D
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Tgt Ion: 74 Resp: 37451
 Ion Ratio Lower Upper
 74 100
 45 99.1 52.1 156.4

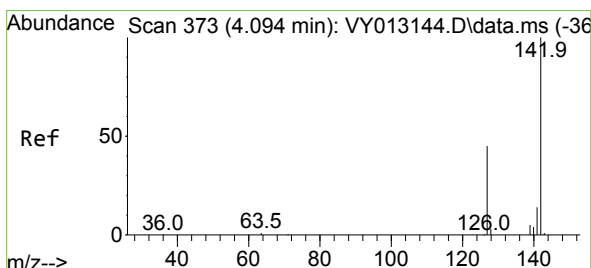
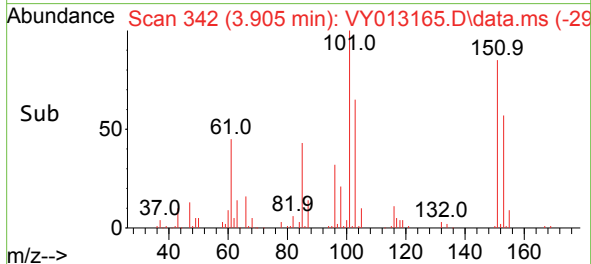
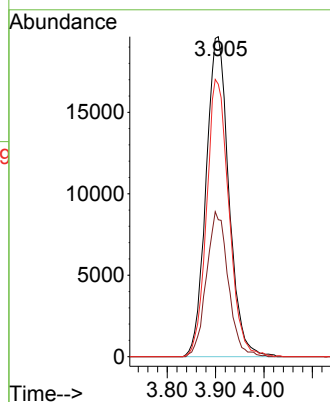
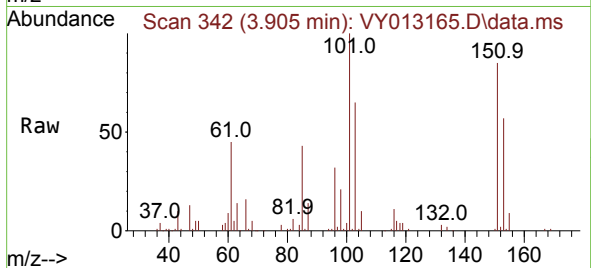




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.650 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

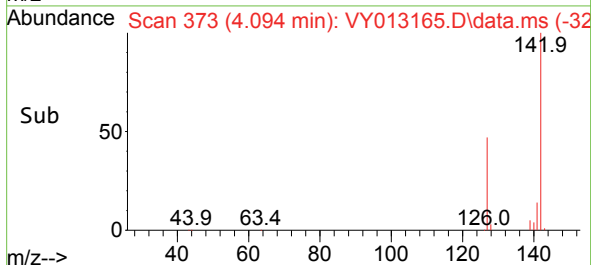
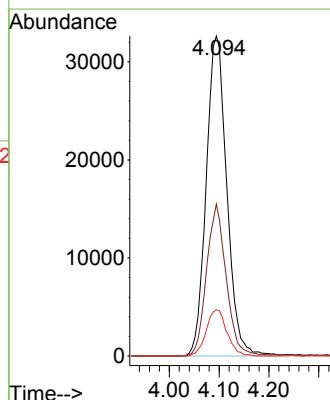
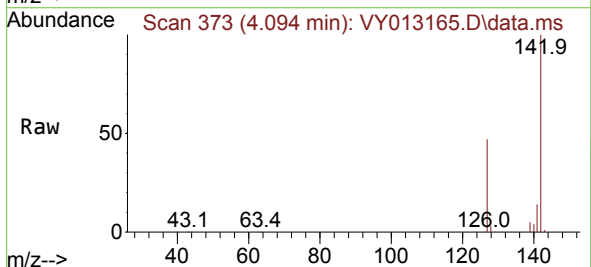
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

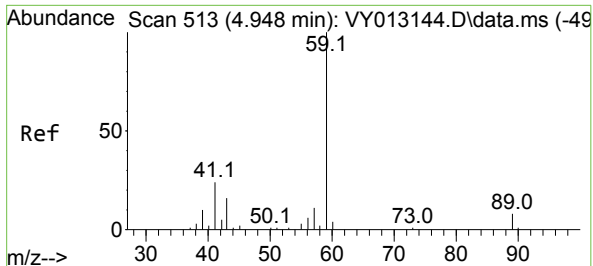
Tgt Ion:101 Resp: 64262
Ion Ratio Lower Upper
101 100
85 43.3 35.3 52.9
151 84.8 63.1 94.7



#10
Methyl Iodide
Concen: 52.264 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion:142 Resp: 93752
Ion Ratio Lower Upper
142 100
127 45.2 35.4 53.2
141 14.5 11.3 16.9

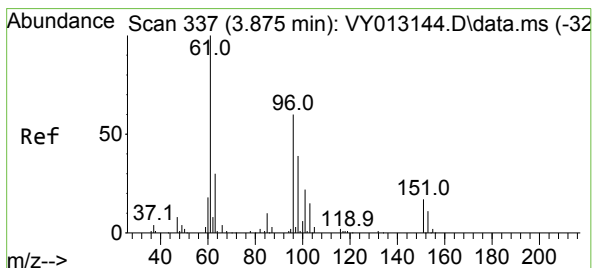
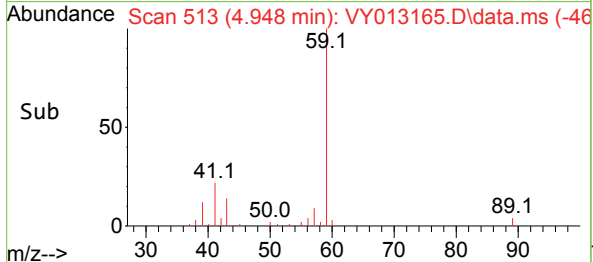
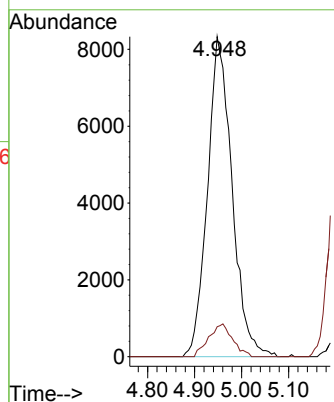
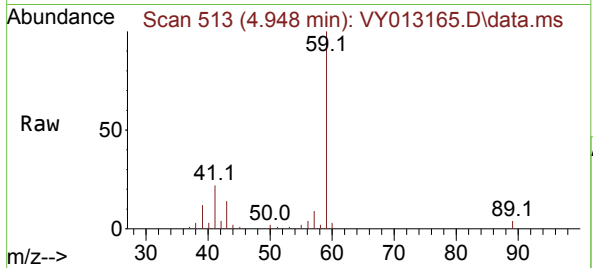




#11
Tert butyl alcohol
Concen: 227.884 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

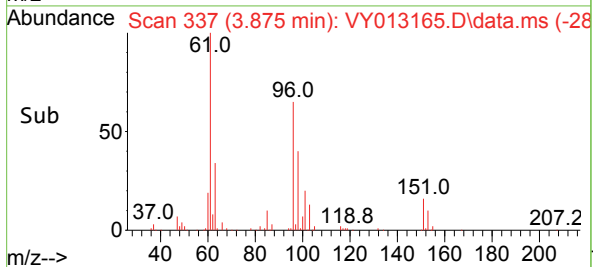
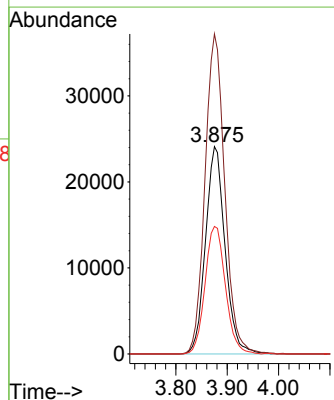
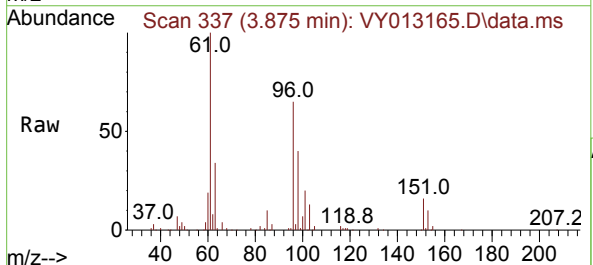
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

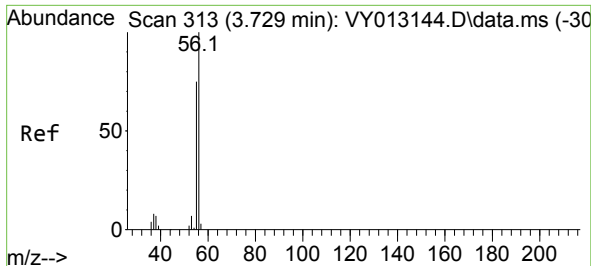
Tgt Ion: 59 Resp: 30234
Ion Ratio Lower Upper
59 100
57 9.9 7.7 11.5



#12
1,1-Dichloroethene
Concen: 47.806 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 96 Resp: 63661
Ion Ratio Lower Upper
96 100
61 154.3 131.7 197.5
98 61.5 52.0 78.0

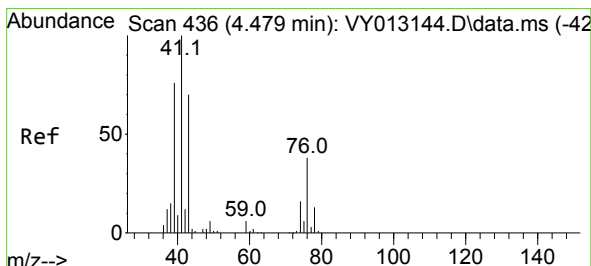
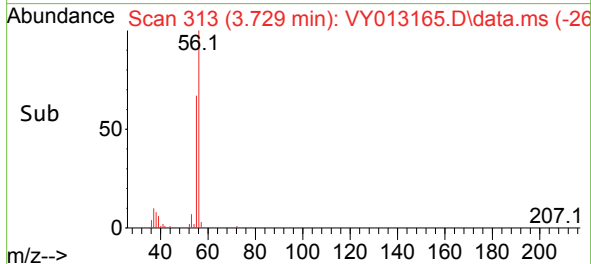
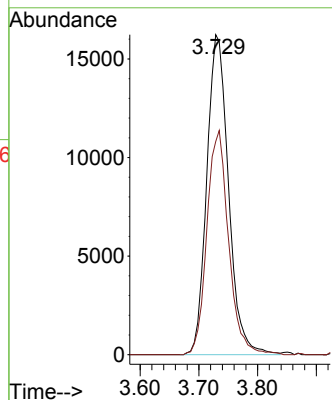
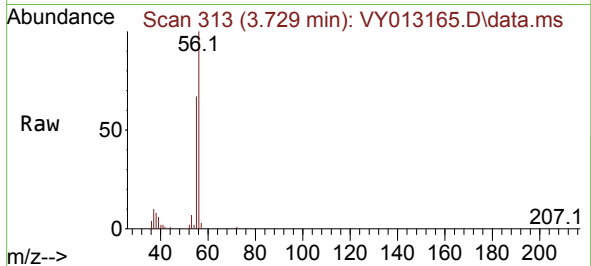




#13
Acrolein
Concen: 224.364 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

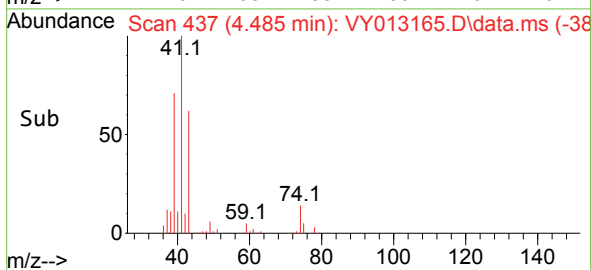
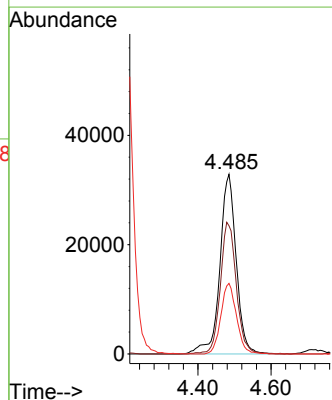
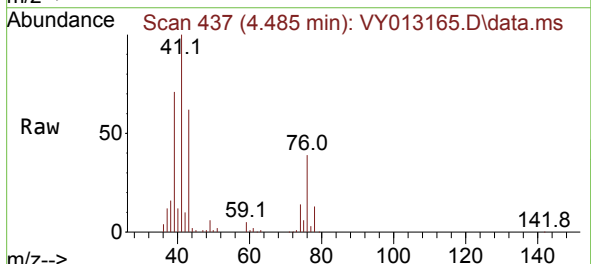
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

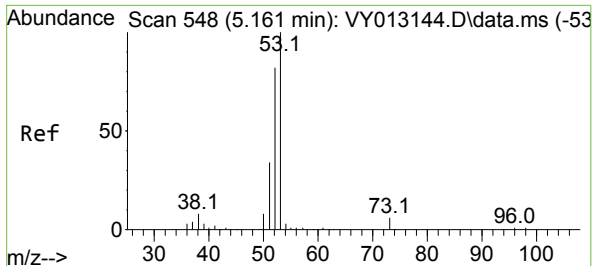
Tgt Ion: 56 Resp: 41773
Ion Ratio Lower Upper
56 100
55 70.0 56.8 85.2



#14
Allyl chloride
Concen: 45.151 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 41 Resp: 102445
Ion Ratio Lower Upper
41 100
39 71.8 53.6 80.4
76 37.5 27.2 40.8

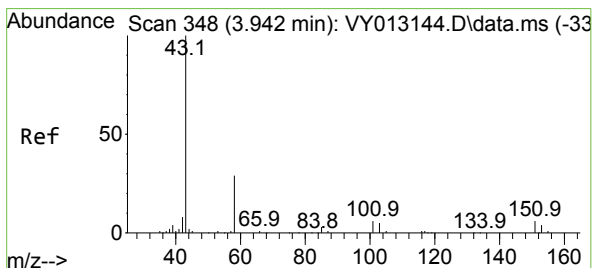
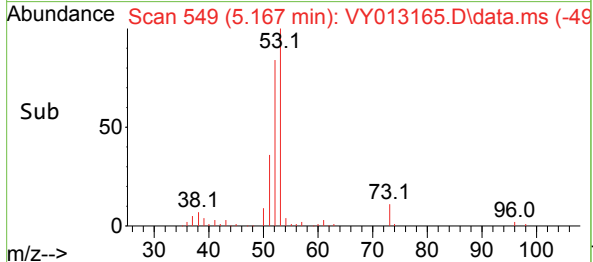
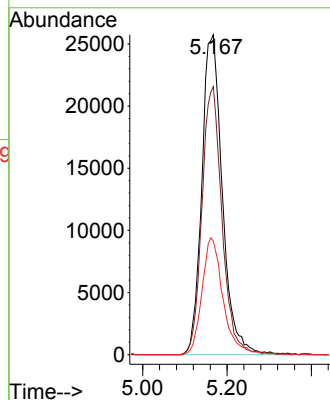
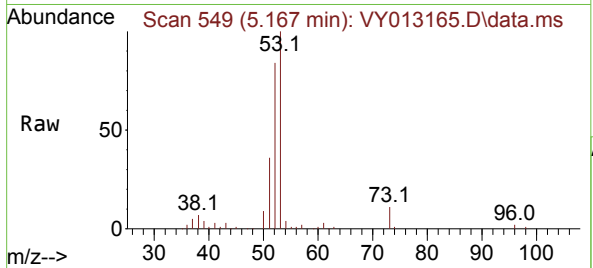




#15
Acrylonitrile
Concen: 224.067 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

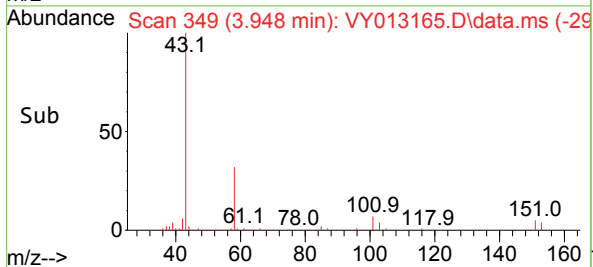
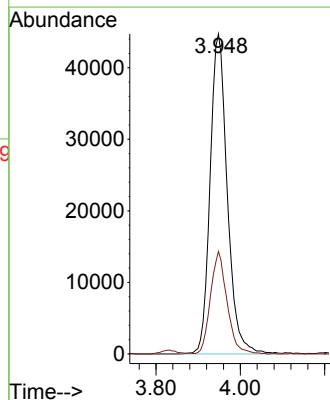
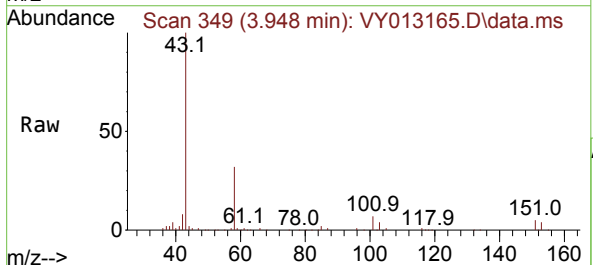
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

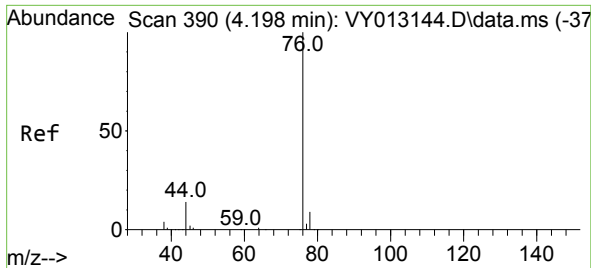
Tgt Ion: 53	Resp:	87360
Ion	Ratio	Lower Upper
53	100	
52	81.4	66.3 99.5
51	37.5	28.8 43.2



#16
Acetone
Concen: 281.387 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 43	Resp:	126659
Ion	Ratio	Lower Upper
43	100	
58	32.1	24.2 36.2

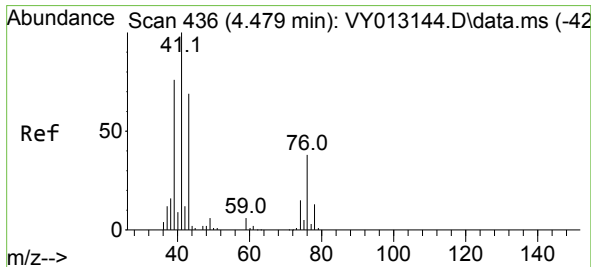
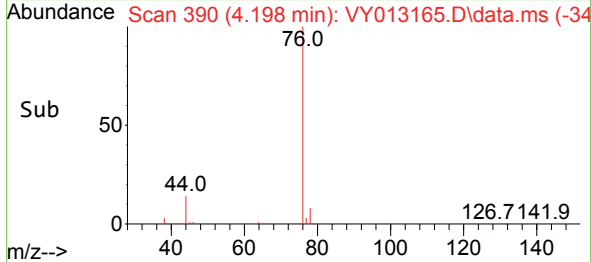
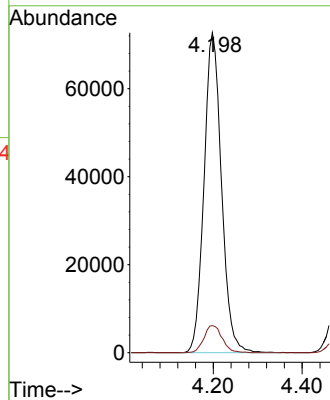
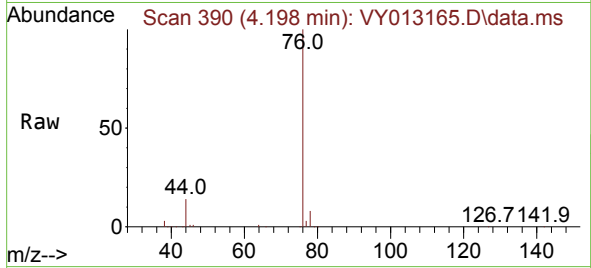




#17
Carbon Disulfide
Concen: 44.864 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

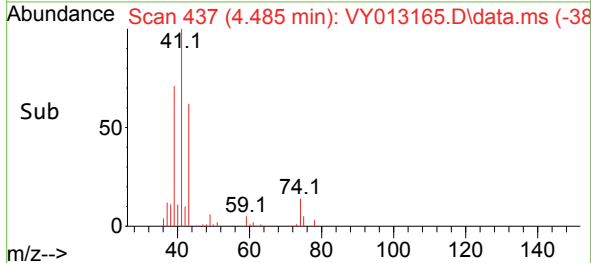
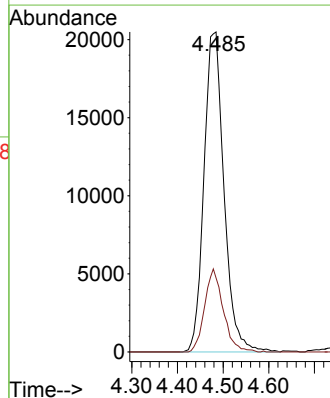
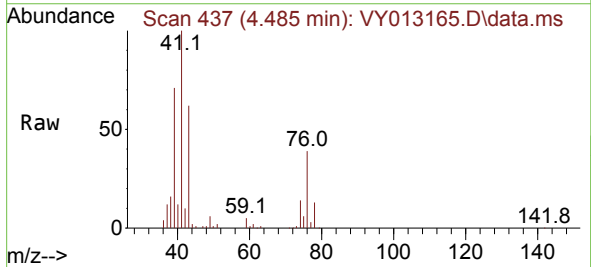
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

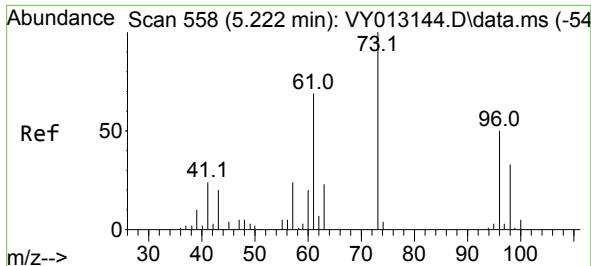
Tgt Ion: 76 Resp: 198959
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7



#18
Methyl Acetate
Concen: 44.005 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 43 Resp: 62412
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0

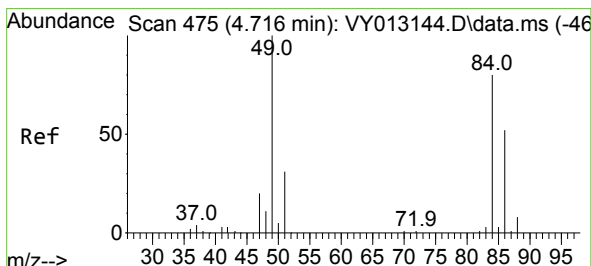
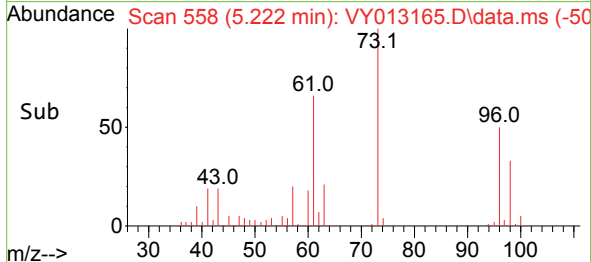
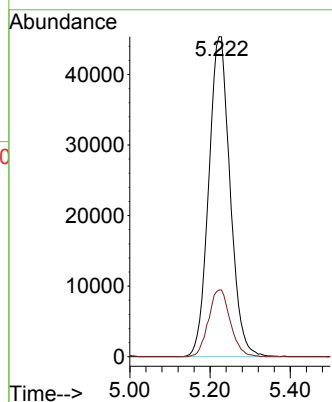
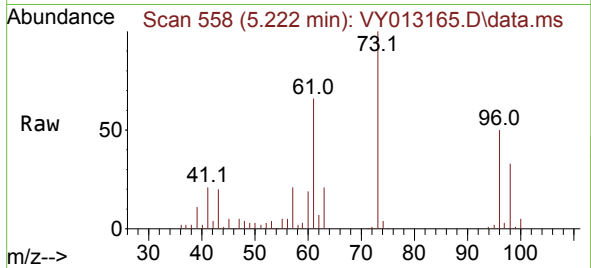




#19
Methyl tert-butyl Ether
Concen: 49.694 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

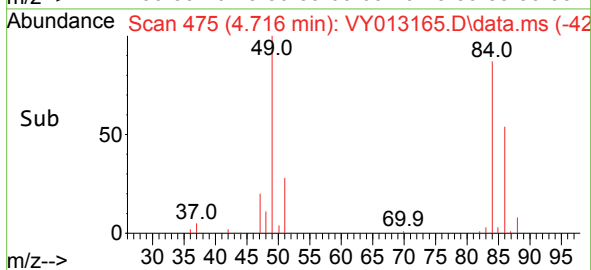
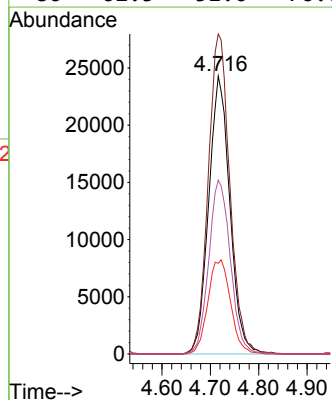
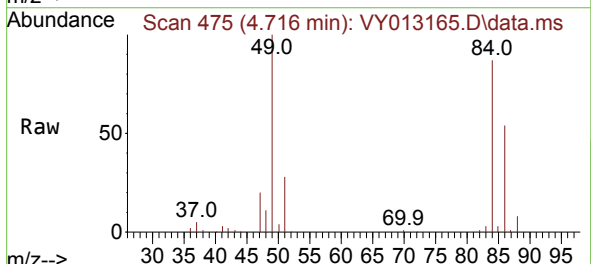
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

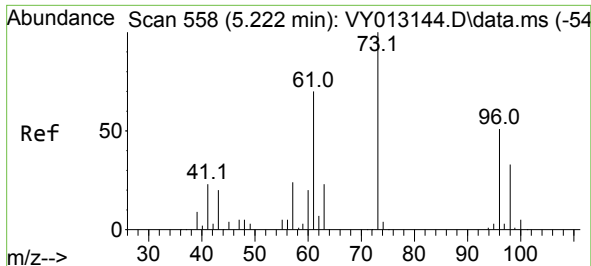
Tgt Ion: 73 Resp: 167689
Ion Ratio Lower Upper
73 100
57 20.8 18.3 27.5



#20
Methylene Chloride
Concen: 47.166 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 84 Resp: 73763
Ion Ratio Lower Upper
84 100
49 115.1 102.6 154.0
51 32.7 31.9 47.9
86 62.5 51.0 76.6

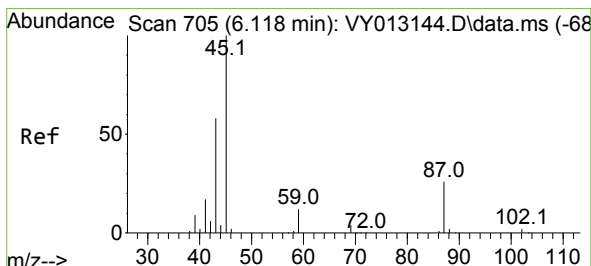
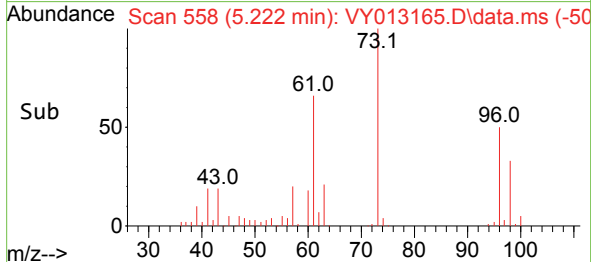
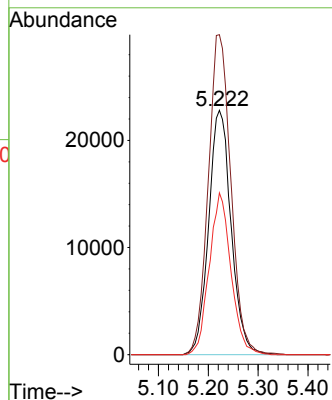
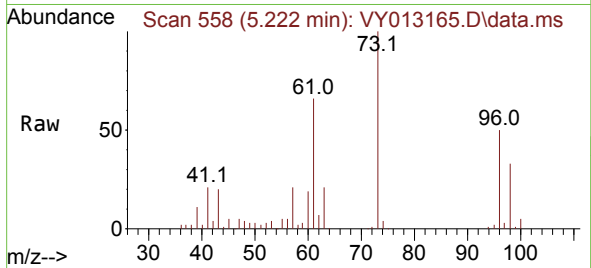




#21
trans-1,2-Dichloroethene
Concen: 47.588 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

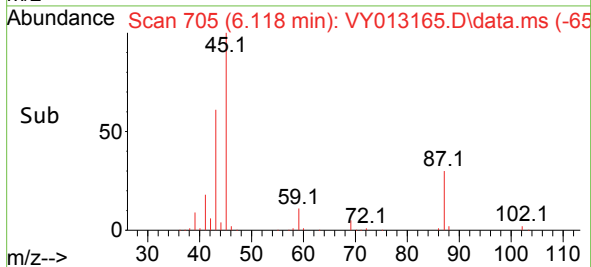
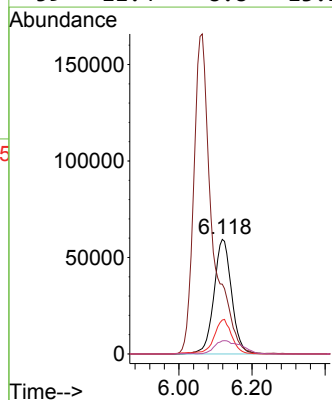
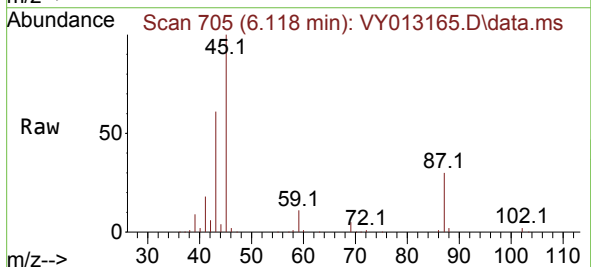
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

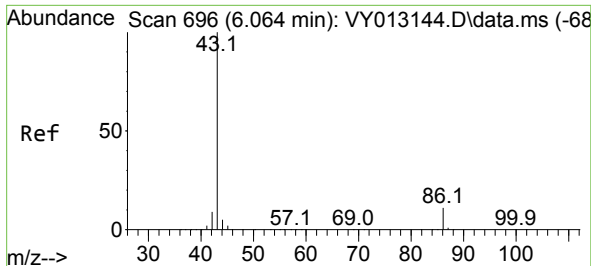
Tgt Ion: 96 Resp: 71401
Ion Ratio Lower Upper
96 100
61 131.0 111.4 167.0
98 66.2 50.8 76.2



#22
Diisopropyl ether
Concen: 44.972 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 45 Resp: 199360
Ion Ratio Lower Upper
45 100
43 60.4 45.0 67.6
87 29.6 20.3 30.5
59 11.4 8.8 13.2

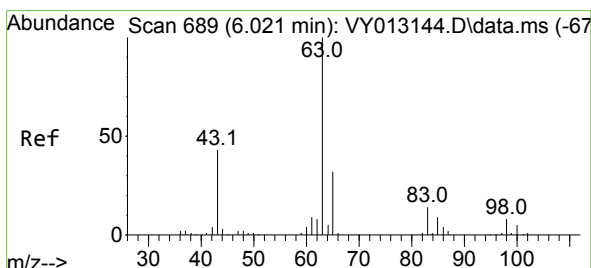
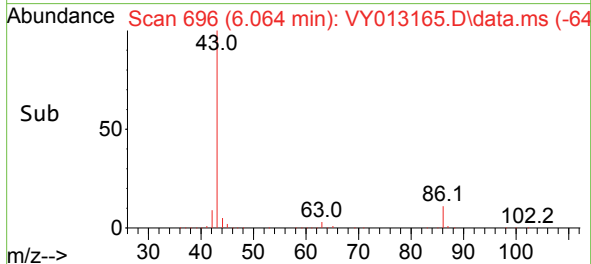
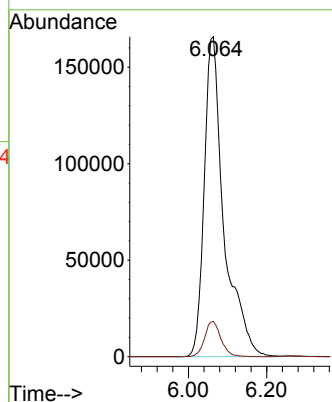
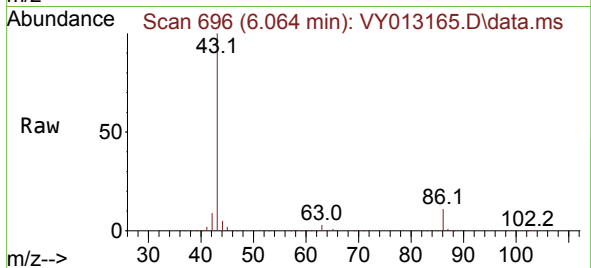




#23
 Vinyl Acetate
 Concen: 229.585 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY013165.D
 Acq: 03 Apr 2023 10:21

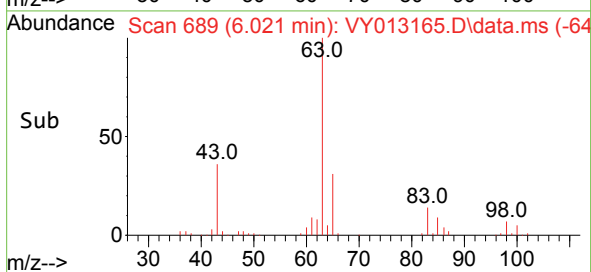
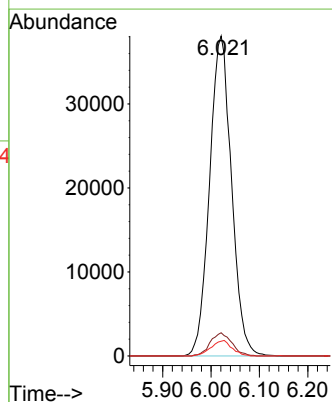
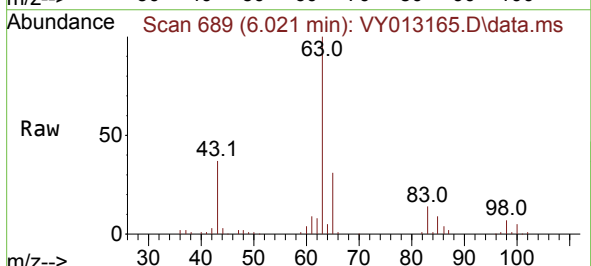
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

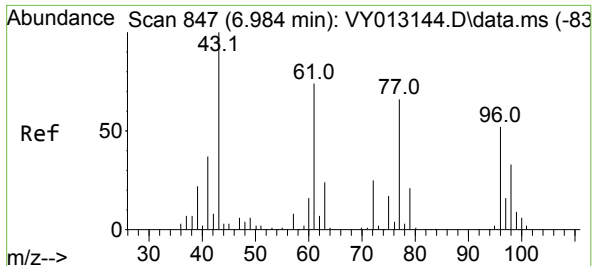
Tgt Ion: 43 Resp: 578753
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 45.660 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY013165.D
 Acq: 03 Apr 2023 10:21

Tgt Ion: 63 Resp: 119877
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 246.329 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

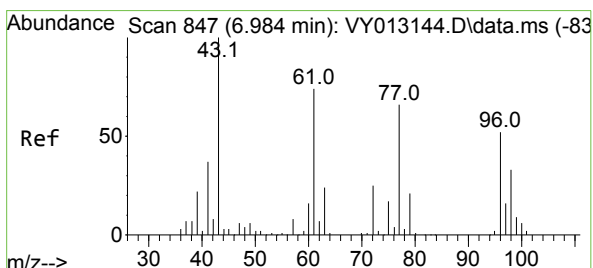
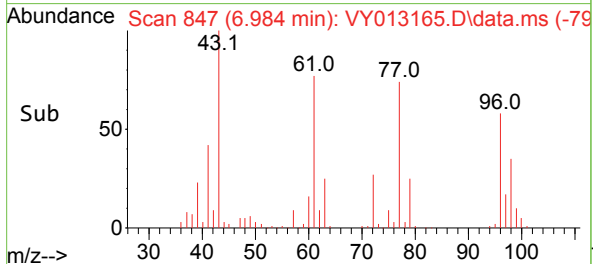
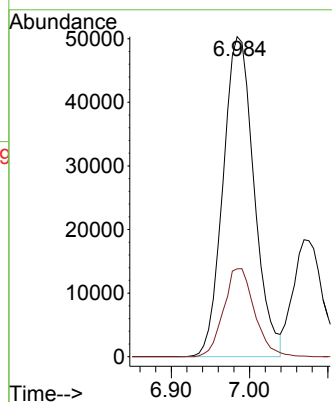
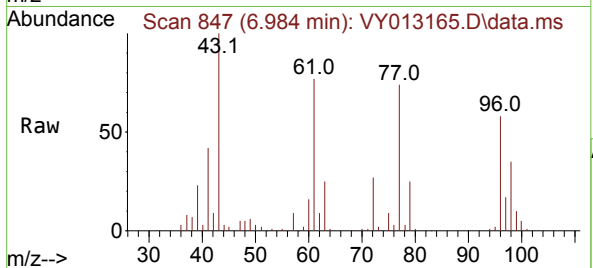
VSTDCCC050

Tgt Ion: 43 Resp: 138643

Ion Ratio Lower Upper

43 100

72 27.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 48.202 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013165.D

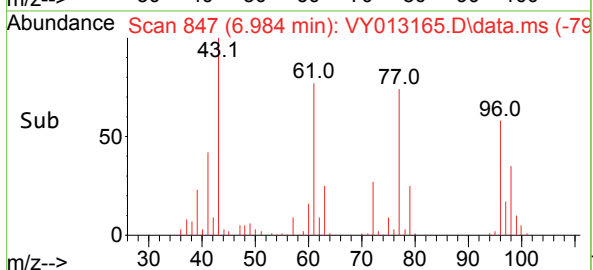
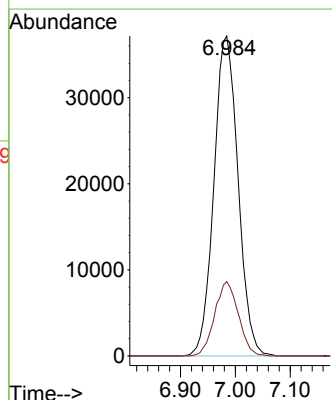
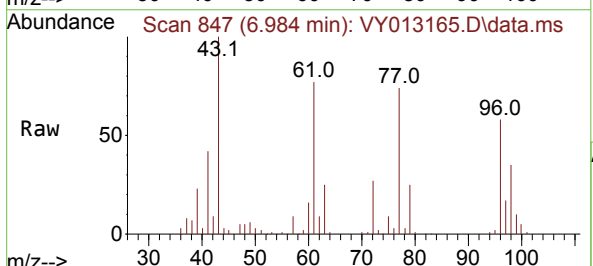
Acq: 03 Apr 2023 10:21

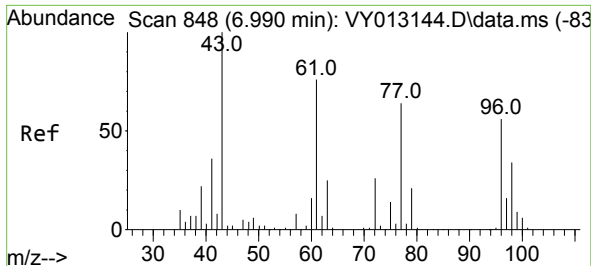
Tgt Ion: 77 Resp: 113824

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 48.638 ug/l

RT: 6.984 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

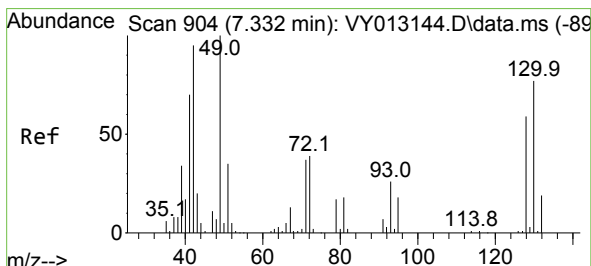
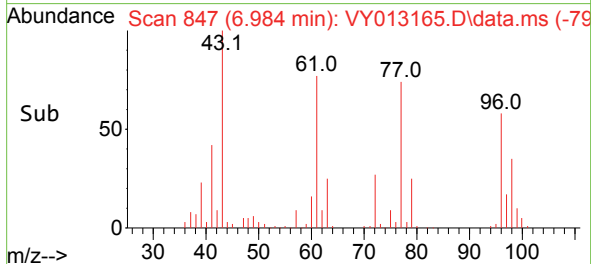
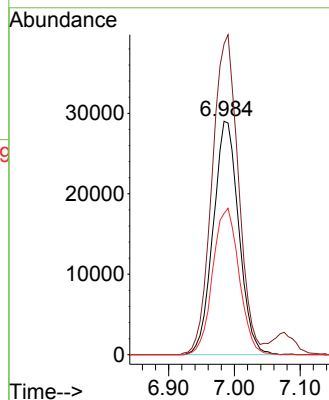
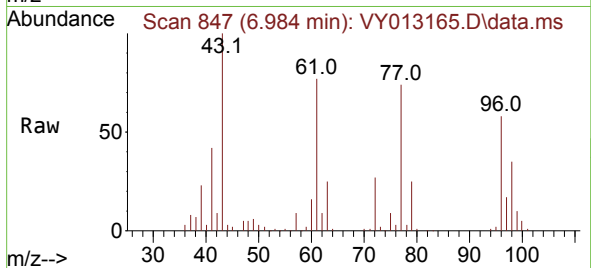
Tgt Ion: 96 Resp: 78619

Ion Ratio Lower Upper

96 100

61 141.5 0.0 295.8

98 64.6 0.0 130.2



#28

Bromochloromethane

Concen: 44.463 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

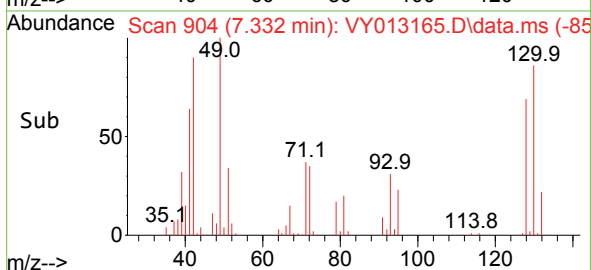
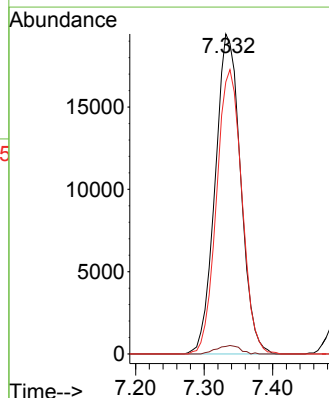
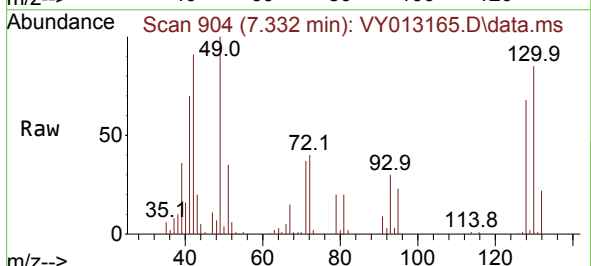
Tgt Ion: 49 Resp: 50090

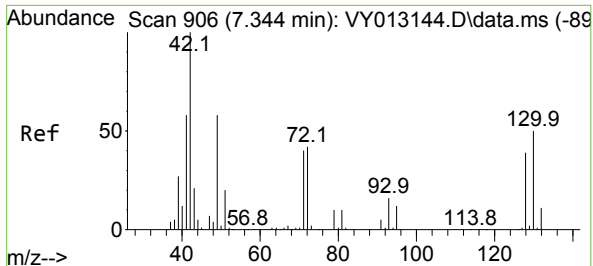
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 88.2 60.5 90.7





#29

Tetrahydrofuran

Concen: 218.411 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

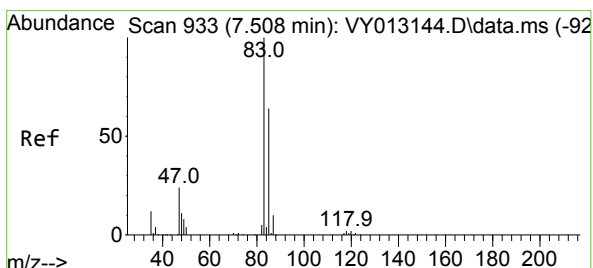
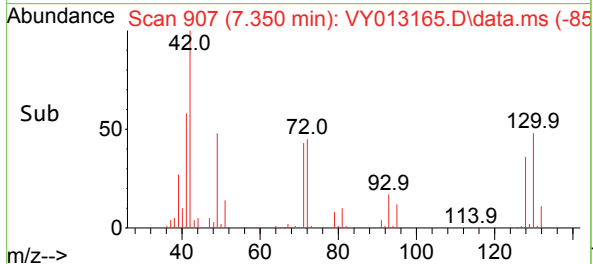
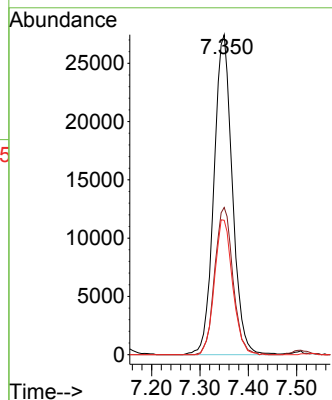
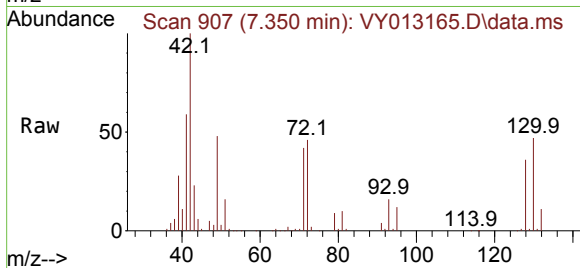
Tgt Ion: 42 Resp: 72770

Ion Ratio Lower Upper

42 100

72 45.3 32.3 48.5

71 41.4 30.3 45.5



#30

Chloroform

Concen: 46.897 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY013165.D

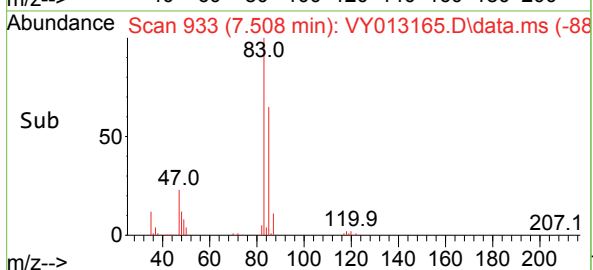
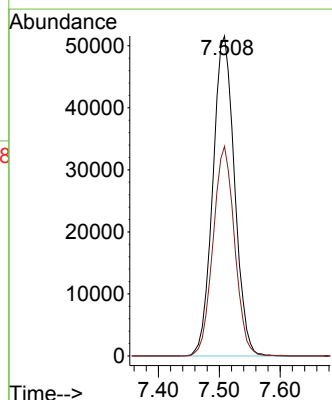
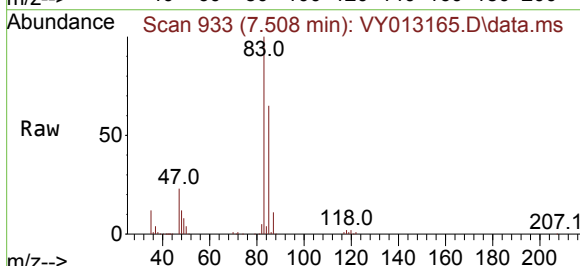
Acq: 03 Apr 2023 10:21

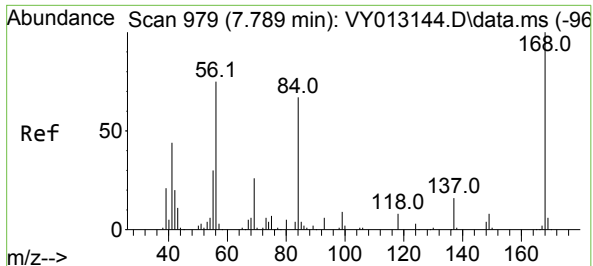
Tgt Ion: 83 Resp: 127500

Ion Ratio Lower Upper

83 100

85 65.5 51.4 77.0

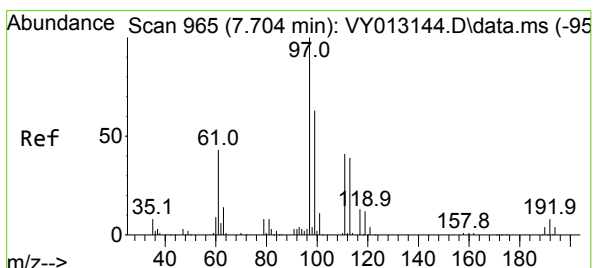
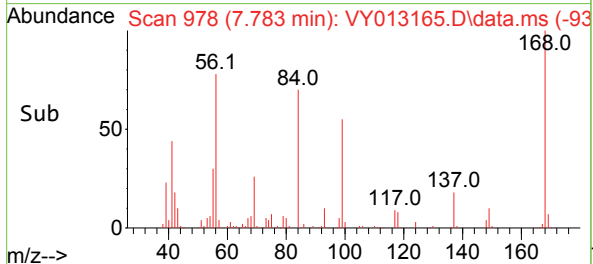
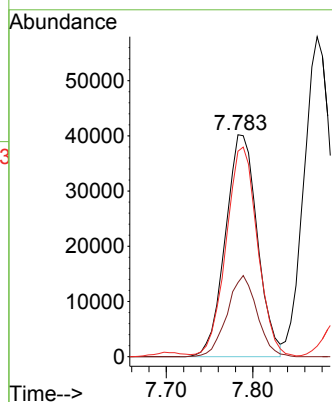
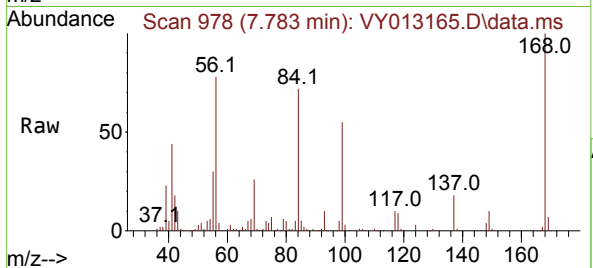




#31
Cyclohexane
Concen: 42.877 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

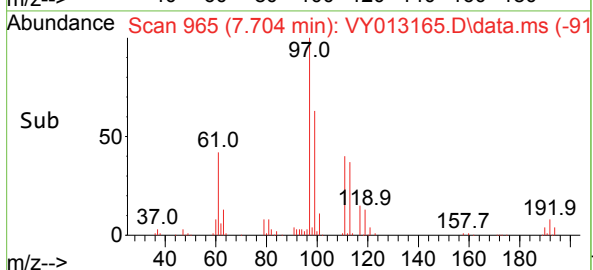
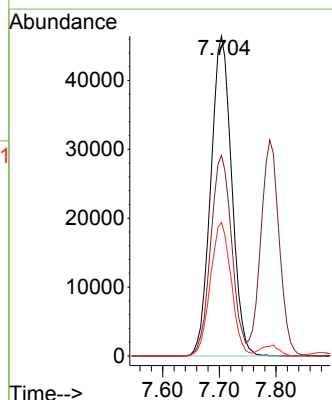
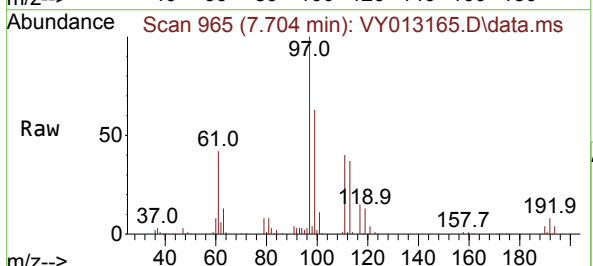
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

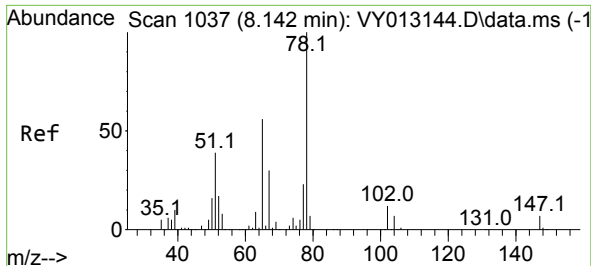
Tgt Ion: 56 Resp: 103039
Ion Ratio Lower Upper
56 100
69 33.4 25.7 38.5
84 91.2 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 49.439 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 97 Resp: 118840
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 41.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 45.638 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

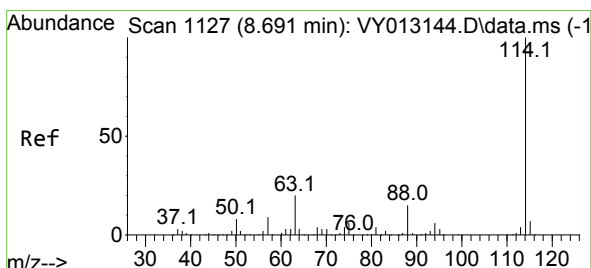
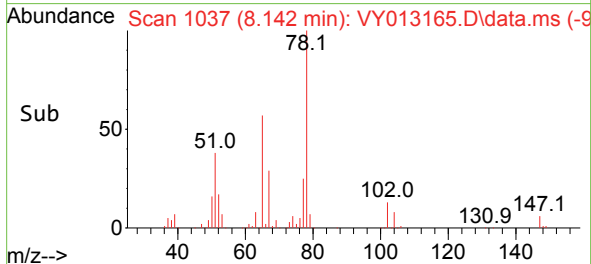
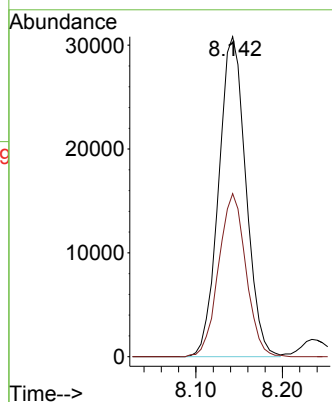
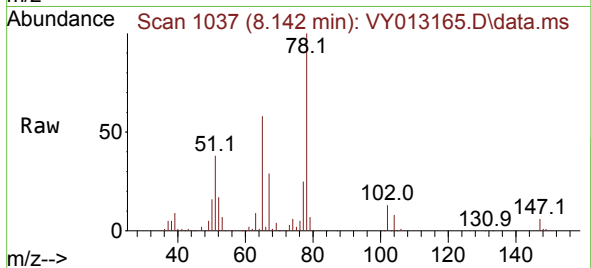
VSTDCCC050

Tgt Ion: 65 Resp: 67181

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

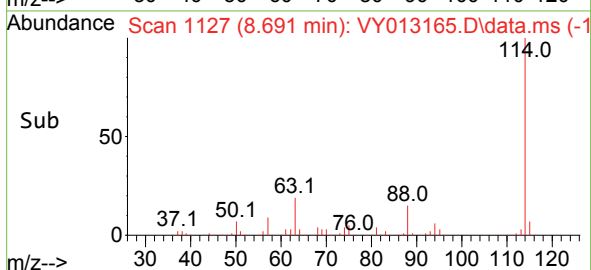
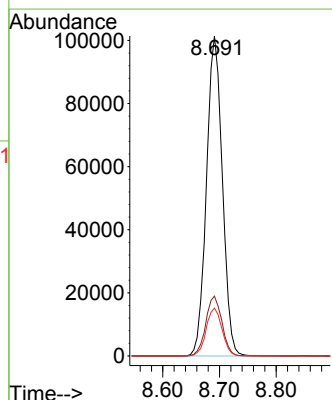
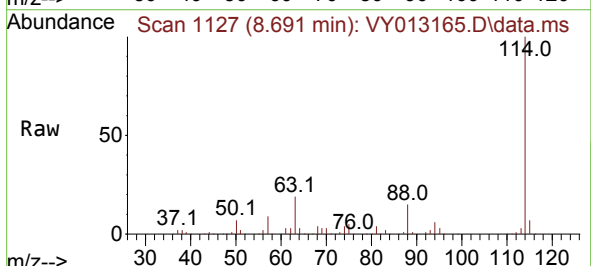
Tgt Ion: 114 Resp: 197073

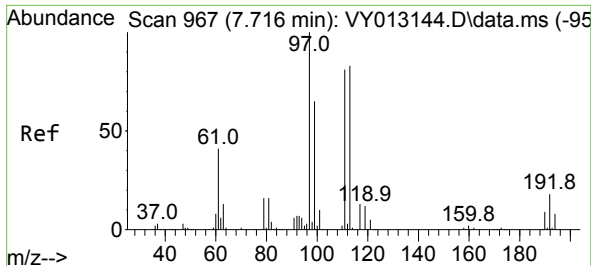
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 15.0 0.0 28.6

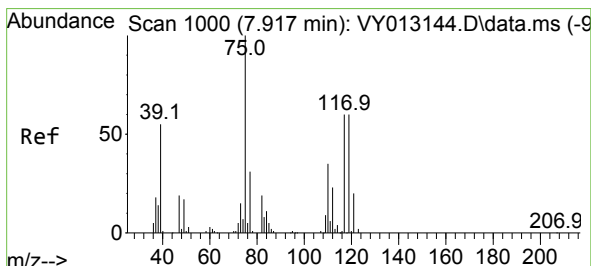
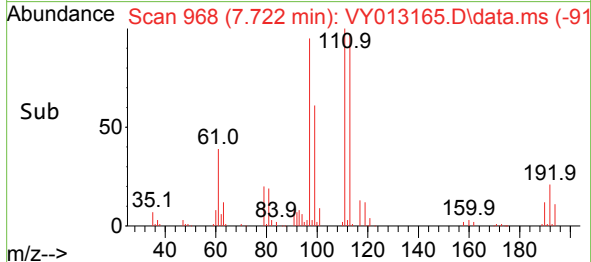
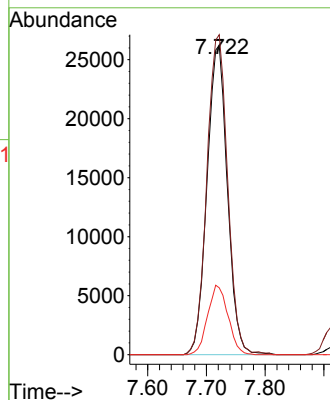
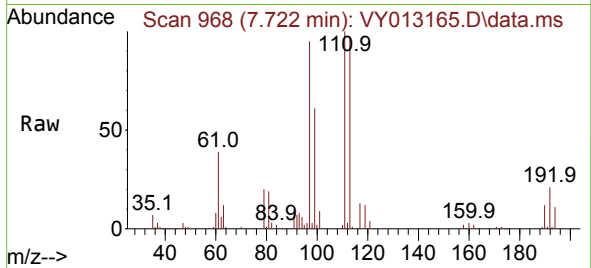




#35
Dibromofluoromethane
Concen: 49.081 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

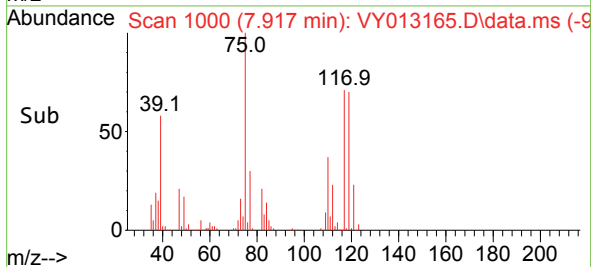
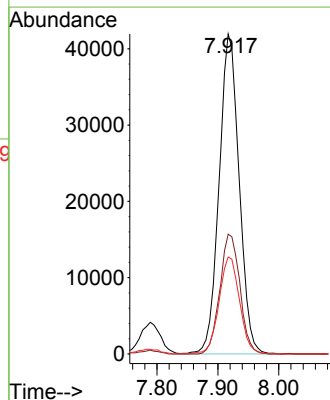
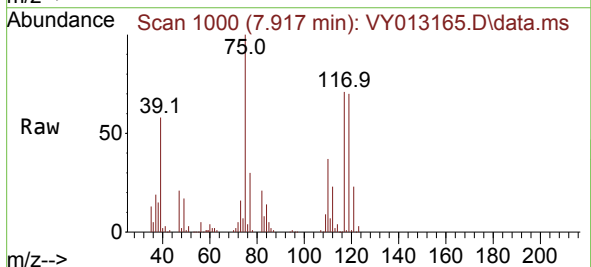
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

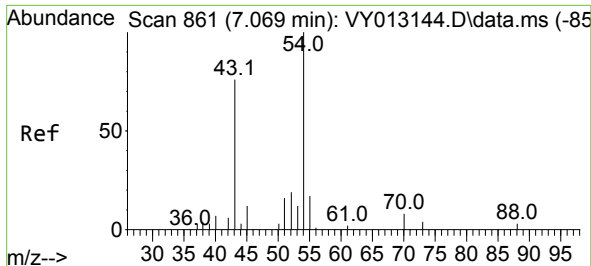
Tgt Ion:113 Resp: 63187
Ion Ratio Lower Upper
113 100
111 105.3 82.2 123.2
192 22.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.502 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 75 Resp: 95941
Ion Ratio Lower Upper
75 100
110 37.4 17.8 53.3
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 44.829 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

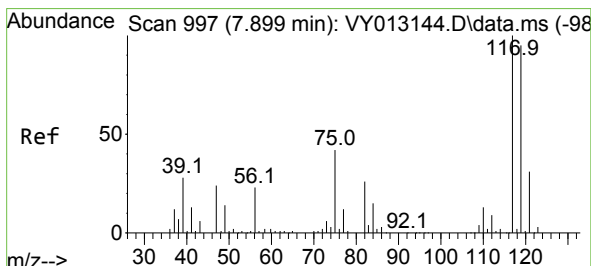
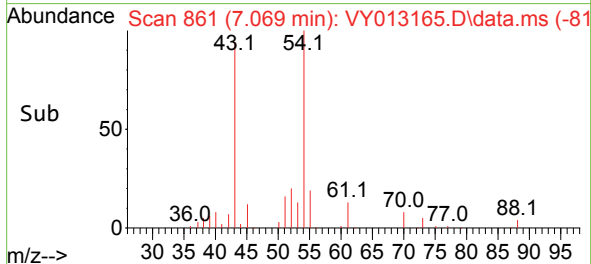
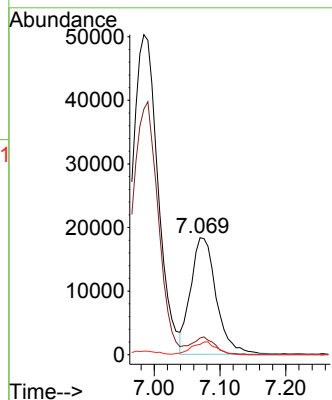
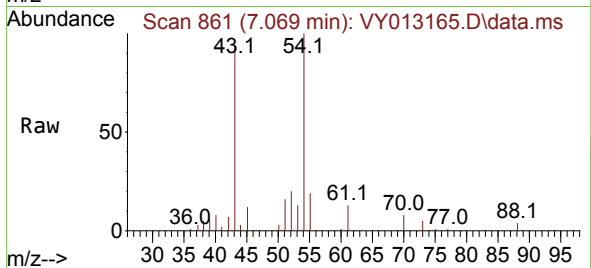
Tgt Ion: 43 Resp: 49355

Ion Ratio Lower Upper

43 100

61 12.6 10.7 16.1

70 10.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 52.402 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

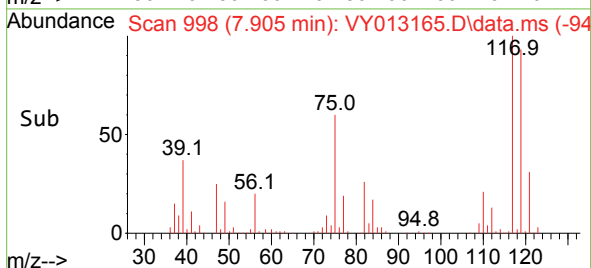
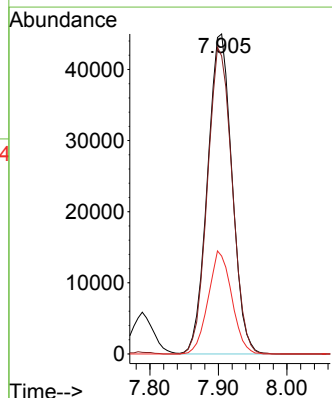
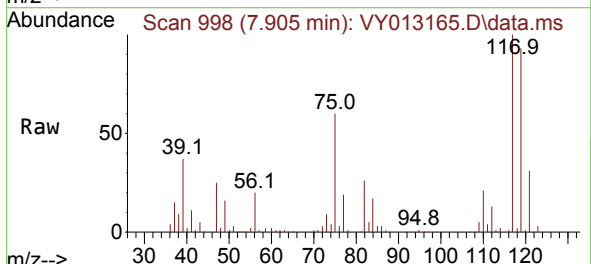
Tgt Ion: 117 Resp: 112060

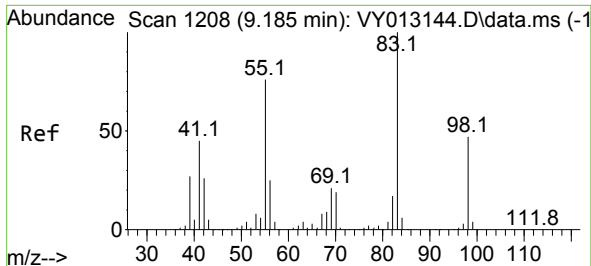
Ion Ratio Lower Upper

117 100

119 93.1 77.2 115.8

121 30.6 24.7 37.1





#39

Methylcyclohexane

Concen: 50.337 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

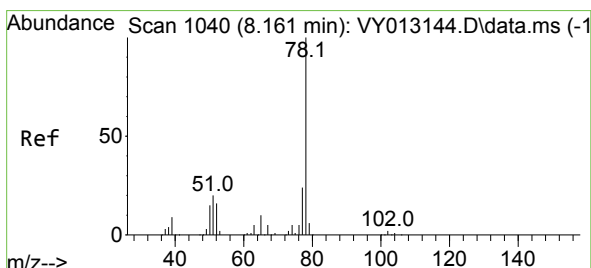
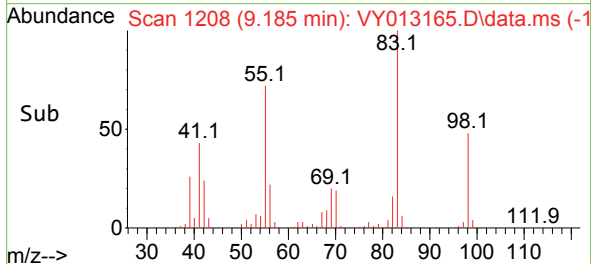
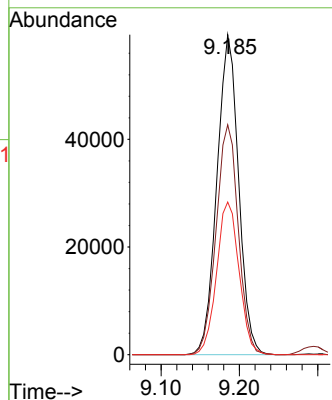
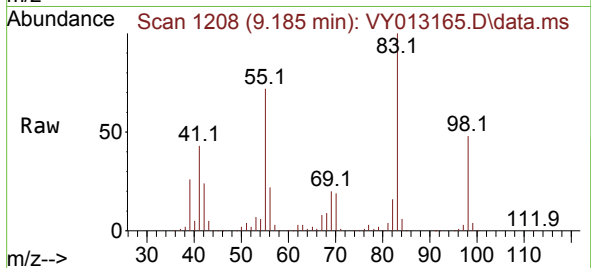
Tgt Ion: 83 Resp: 114454

Ion Ratio Lower Upper

83 100

55 71.9 60.0 90.0

98 47.7 38.3 57.5



#40

Benzene

Concen: 49.152 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013165.D

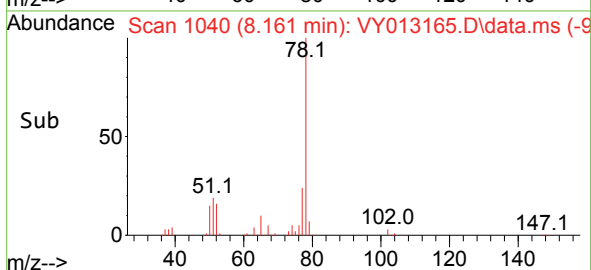
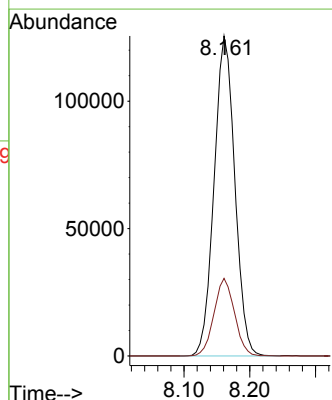
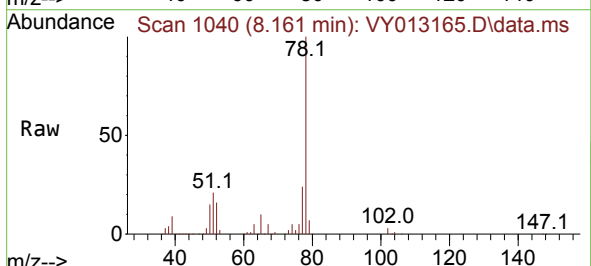
Acq: 03 Apr 2023 10:21

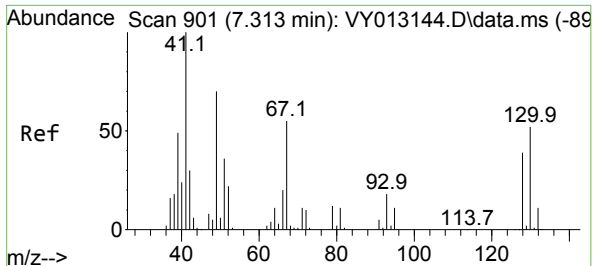
Tgt Ion: 78 Resp: 275145

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

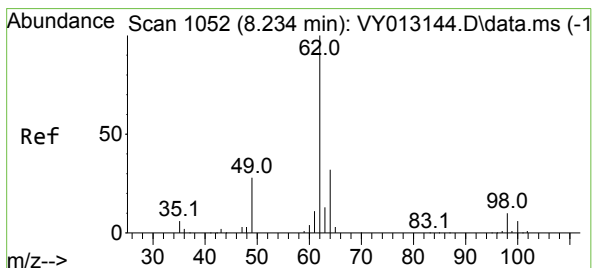
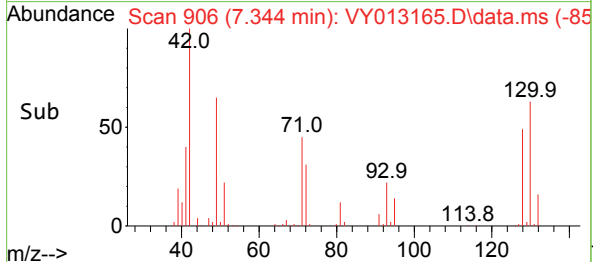
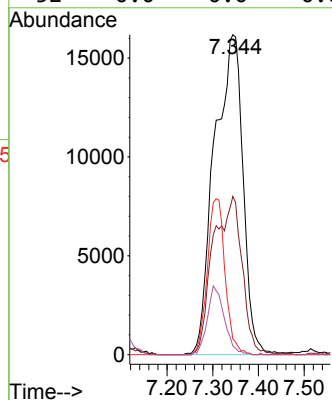
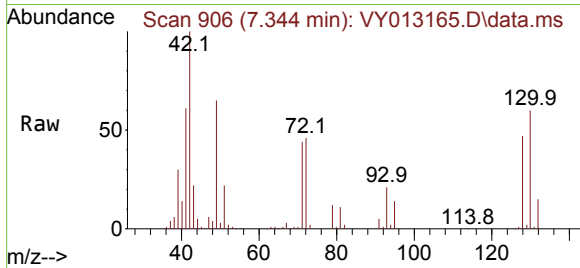




#41
Methacrylonitrile
Concen: 143.158 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

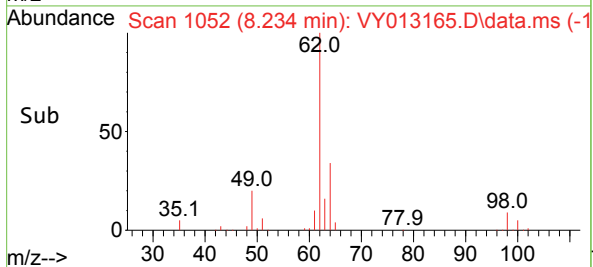
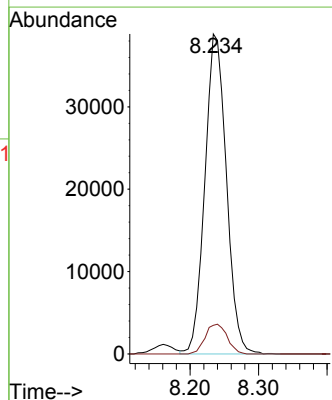
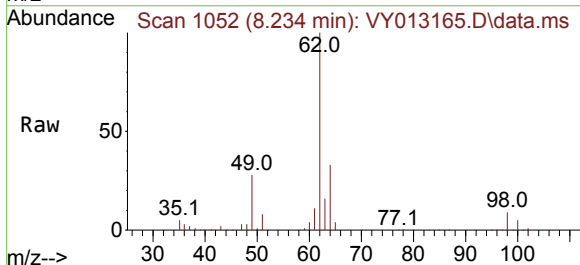
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

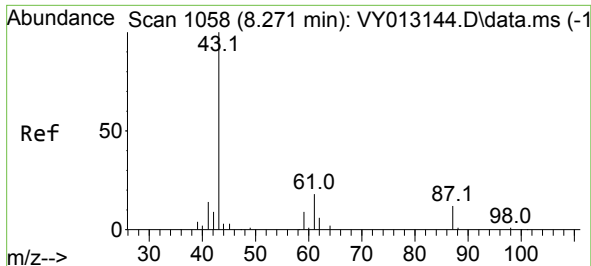
Tgt Ion: 41 Resp: 69922
Ion Ratio Lower Upper
41 100
39 50.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.565 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 62 Resp: 85006
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.8

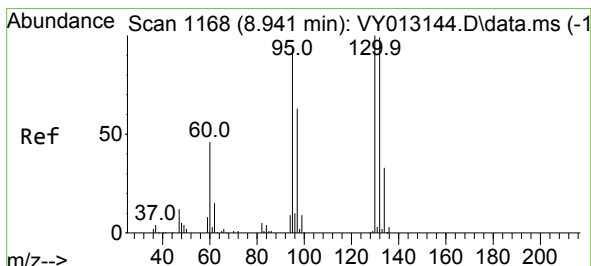
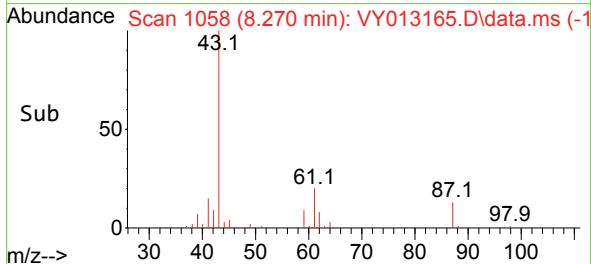
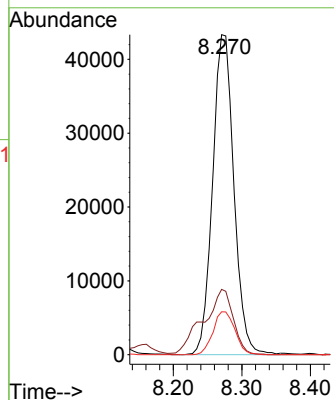
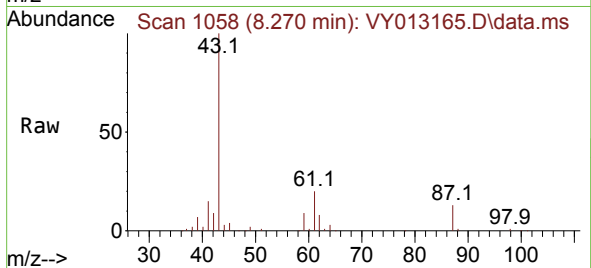




#43
Isopropyl Acetate
Concen: 47.468 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

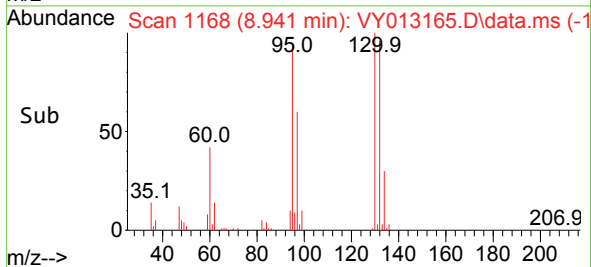
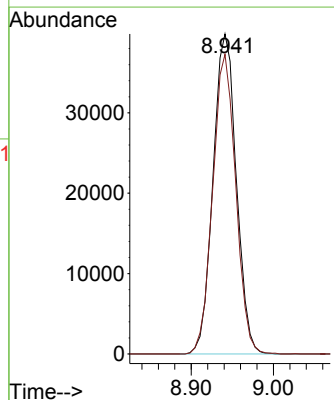
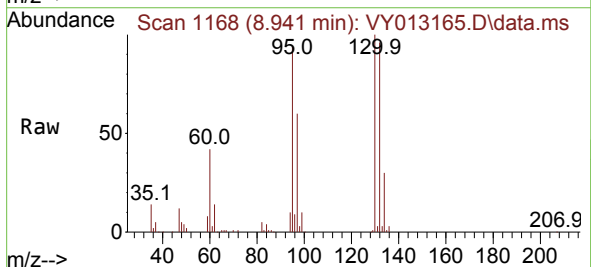
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

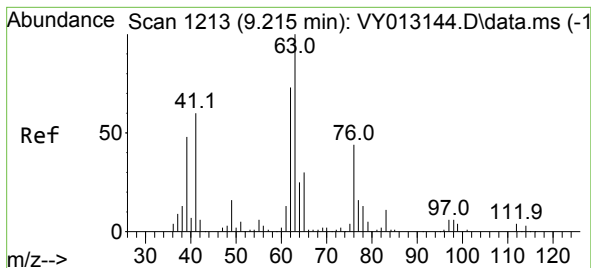
Tgt Ion: 43 Resp: 93546
Ion Ratio Lower Upper
43 100
61 28.9 21.6 32.4
87 13.8 9.9 14.9



#44
Trichloroethene
Concen: 50.763 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion:130 Resp: 78225
Ion Ratio Lower Upper
130 100
95 93.7 0.0 185.0





#45

1,2-Dichloropropane

Concen: 46.885 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

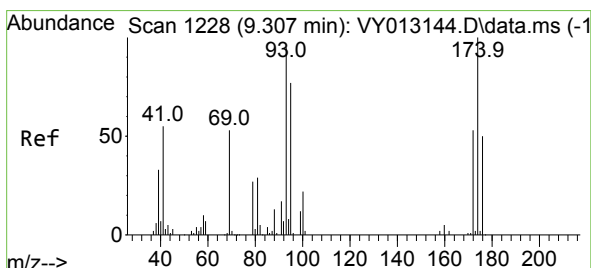
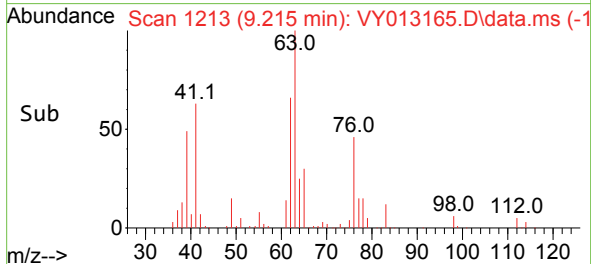
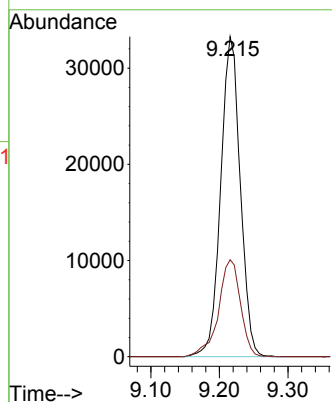
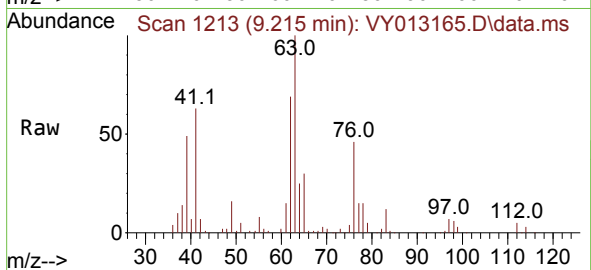
VSTDCCC050

Tgt Ion: 63 Resp: 65720

Ion Ratio Lower Upper

63 100

65 30.3 25.7 38.5



#46

Dibromomethane

Concen: 49.887 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

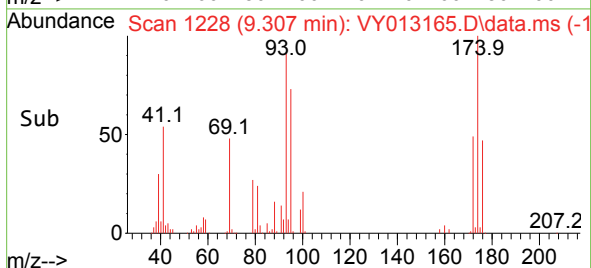
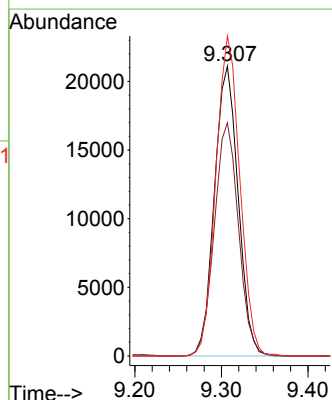
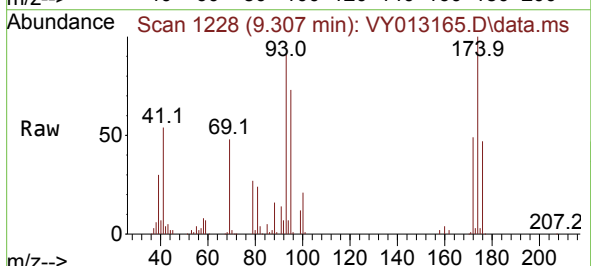
Tgt Ion: 93 Resp: 40171

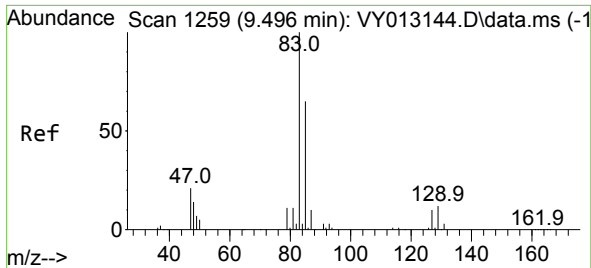
Ion Ratio Lower Upper

93 100

95 82.1 65.6 98.4

174 112.0 81.3 121.9

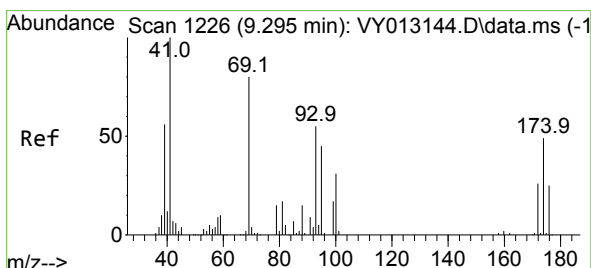
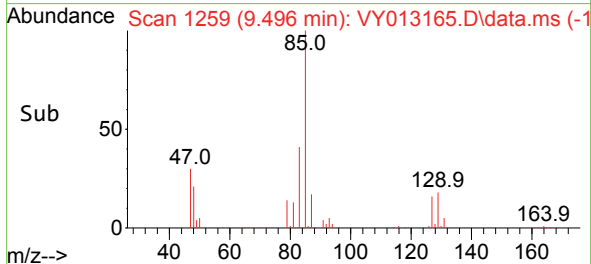
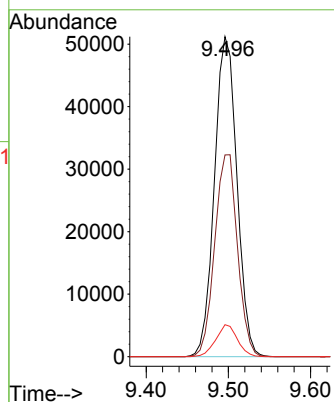
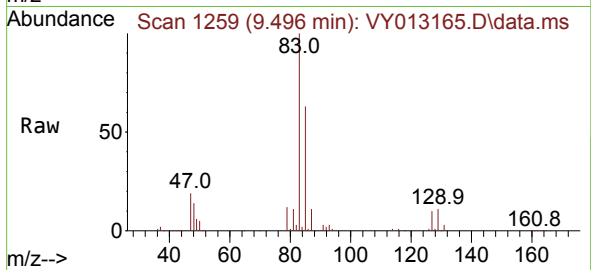




#47
Bromodichloromethane
Concen: 50.092 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

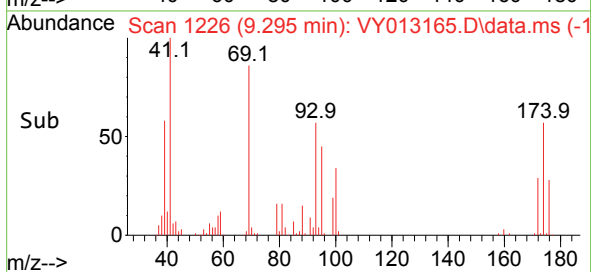
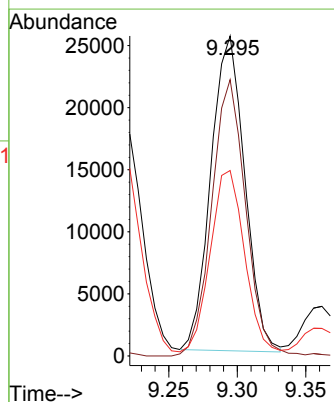
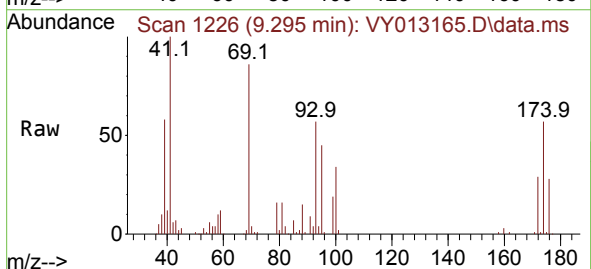
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

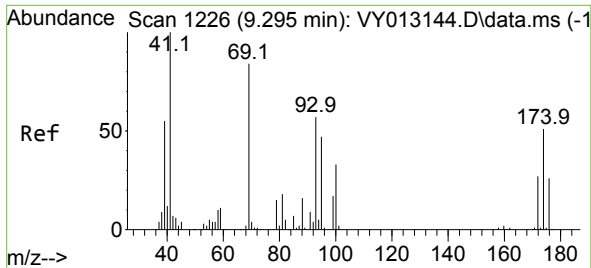
Tgt Ion: 83 Resp: 97326
Ion Ratio Lower Upper
83 100
85 63.1 50.2 75.4
127 10.0 6.3 9.5#



#48
Methyl methacrylate
Concen: 47.527 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 41 Resp: 43621
Ion Ratio Lower Upper
41 100
69 88.5 64.1 96.1
39 58.3 44.0 66.0

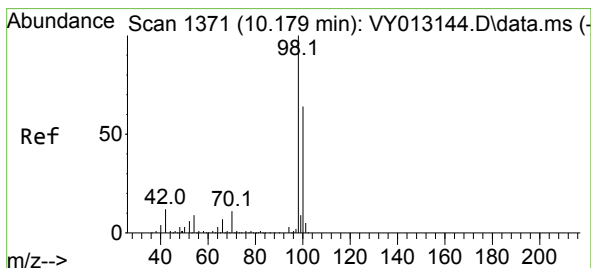
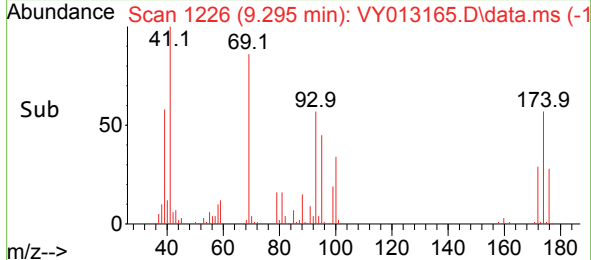
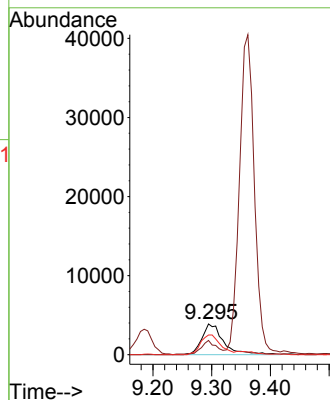
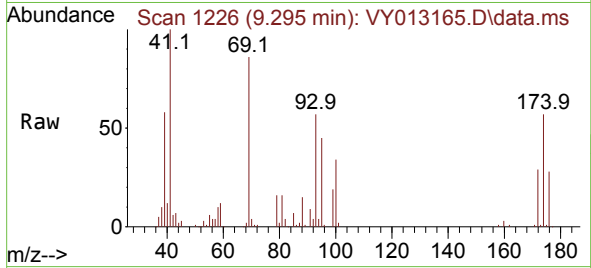




#49
1,4-Dioxane
Concen: 1041.595 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

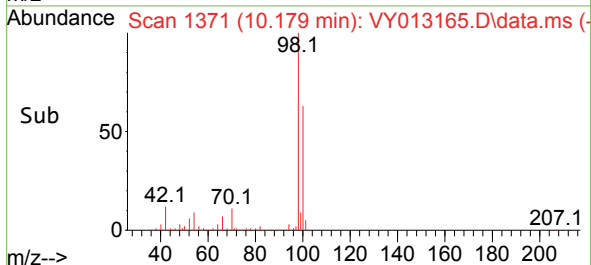
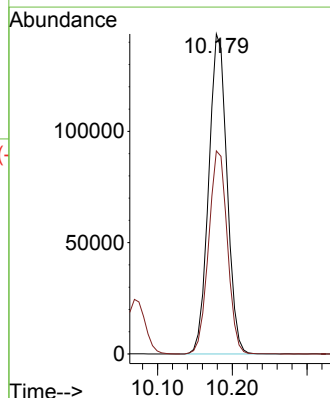
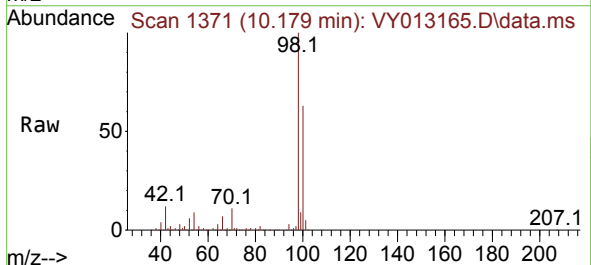
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

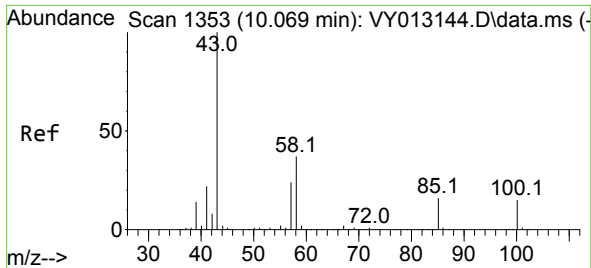
Tgt Ion: 88 Resp: 9978
Ion Ratio Lower Upper
88 100
43 33.1 28.6 42.8
58 58.6 55.2 82.8



#50
Toluene-d8
Concen: 50.252 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 98 Resp: 244235
Ion Ratio Lower Upper
98 100
100 64.9 50.9 76.3

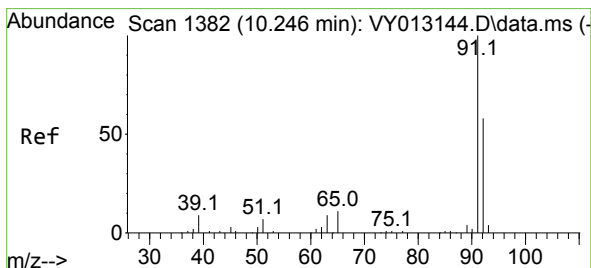
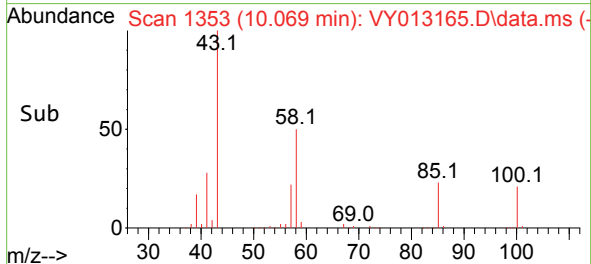
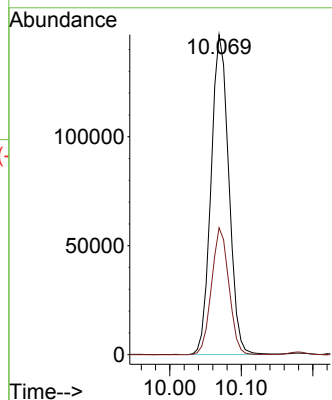
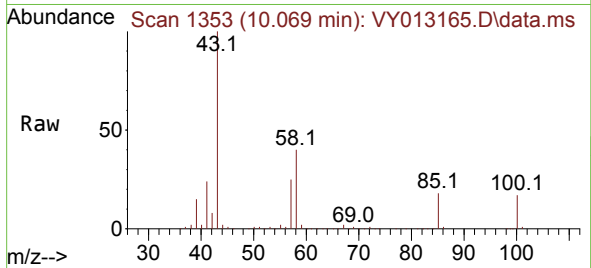




#51
4-Methyl-2-Pentanone
Concen: 237.720 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

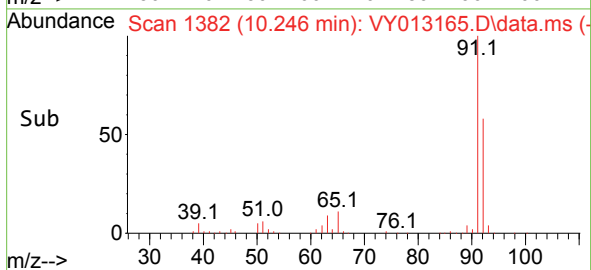
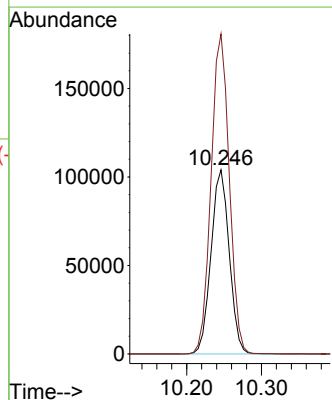
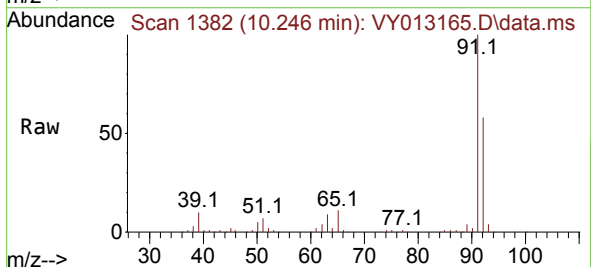
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

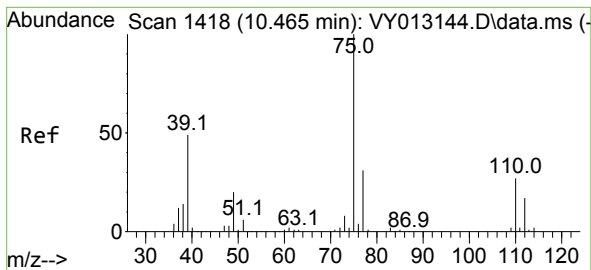
Tgt Ion: 43 Resp: 252833
Ion Ratio Lower Upper
43 100
58 38.8 29.8 44.6



#52
Toluene
Concen: 50.687 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 92 Resp: 176004
Ion Ratio Lower Upper
92 100
91 174.0 141.3 211.9

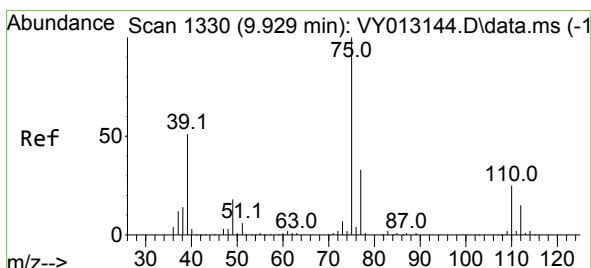
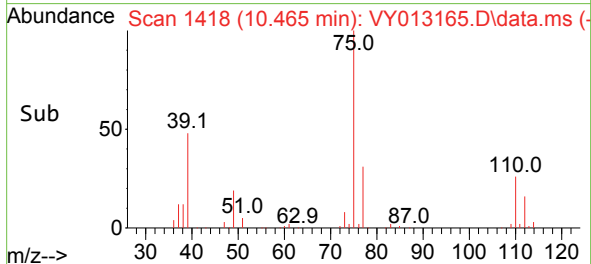
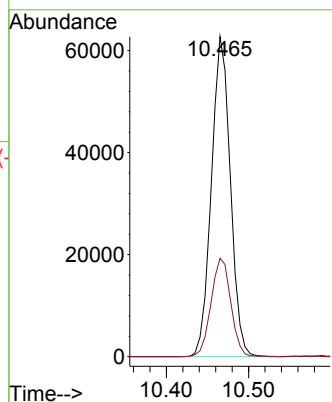
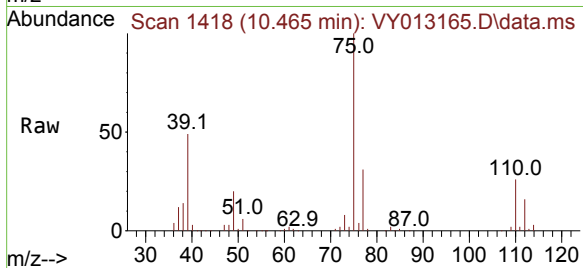




#53
 t-1,3-Dichloropropene
 Concen: 50.609 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013165.D
 Acq: 03 Apr 2023 10:21

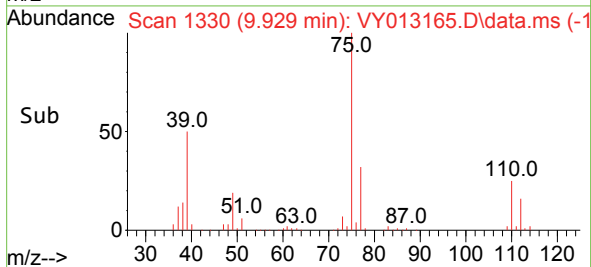
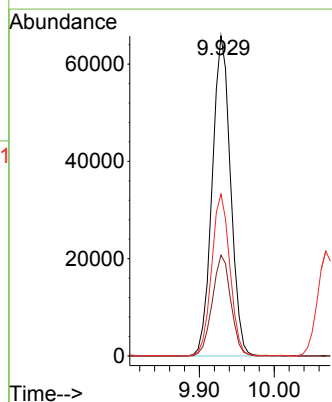
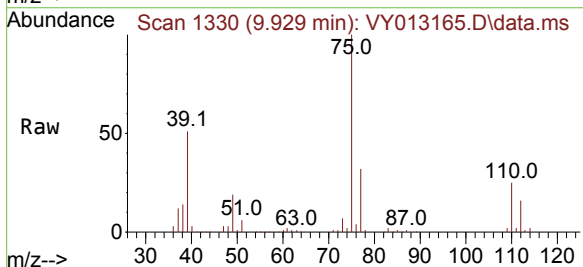
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

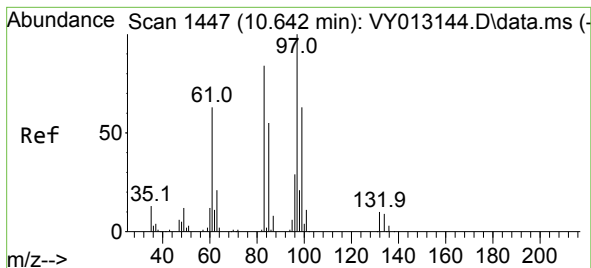
Tgt Ion: 75 Resp: 100508
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 49.474 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013165.D
 Acq: 03 Apr 2023 10:21

Tgt Ion: 75 Resp: 112214
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 50.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 50.195 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 55871

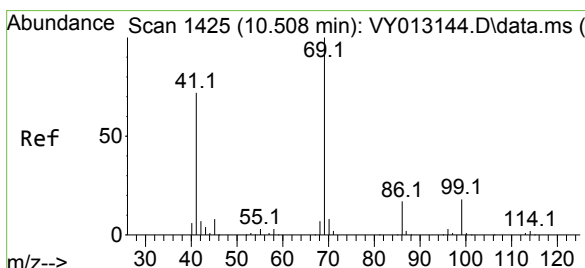
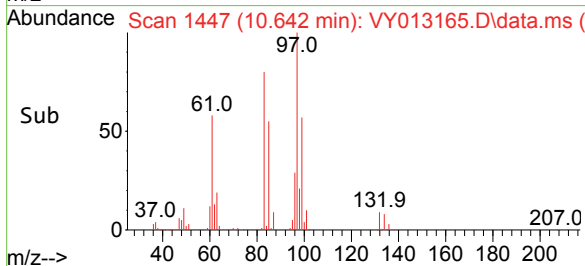
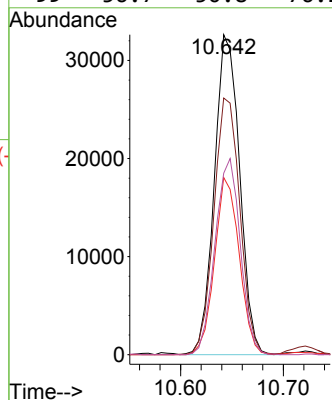
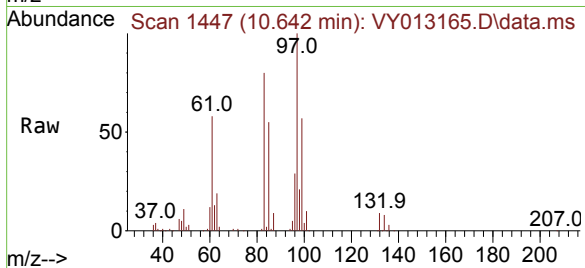
Ion Ratio Lower Upper

97 100

83 80.1 69.0 103.6

85 55.3 44.9 67.3

99 56.7 50.8 76.2



#56

Ethyl methacrylate

Concen: 51.763 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

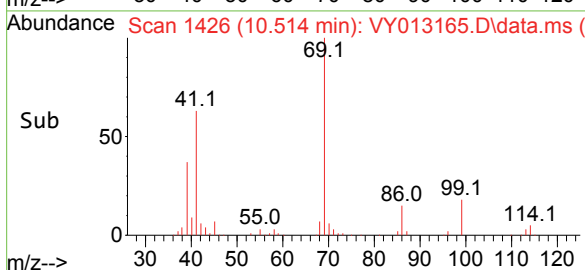
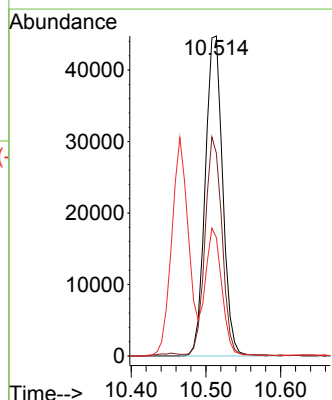
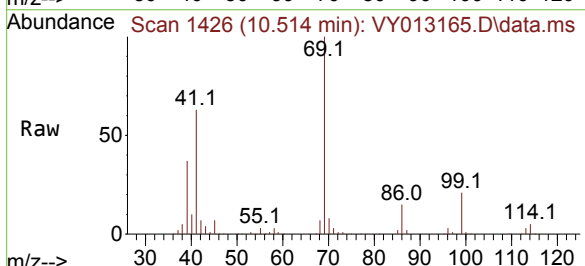
Tgt Ion: 69 Resp: 72441

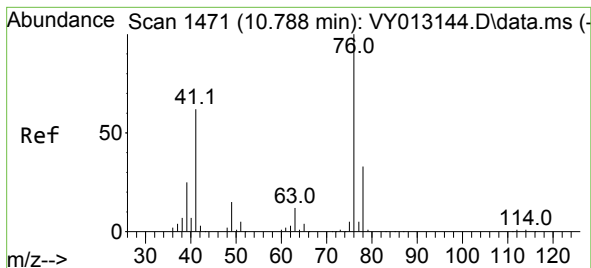
Ion Ratio Lower Upper

69 100

41 66.3 56.4 84.6

39 37.7 30.8 46.2





#57

1,3-Dichloropropane

Concen: 49.114 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

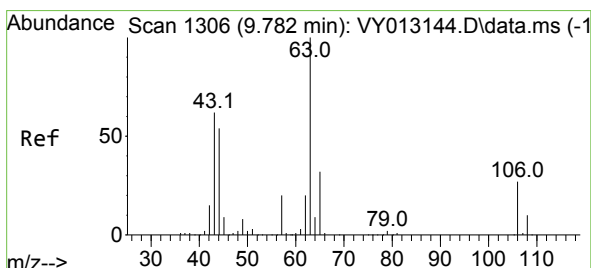
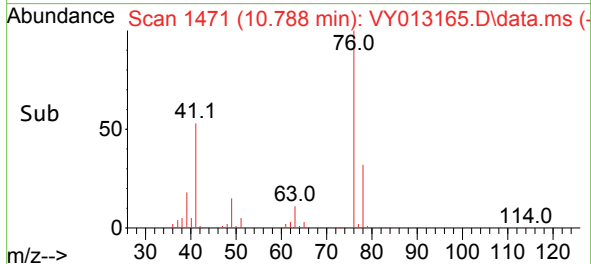
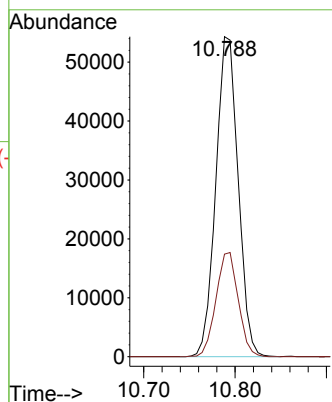
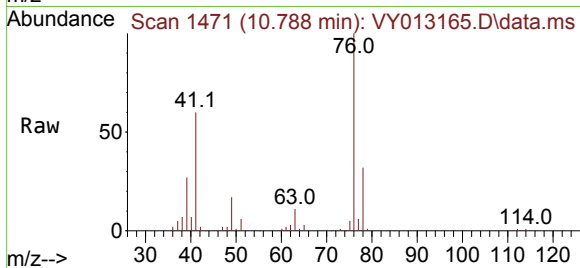
VSTDCCC050

Tgt Ion: 76 Resp: 92288

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 230.850 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013165.D

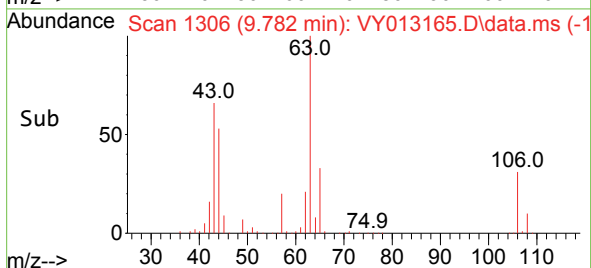
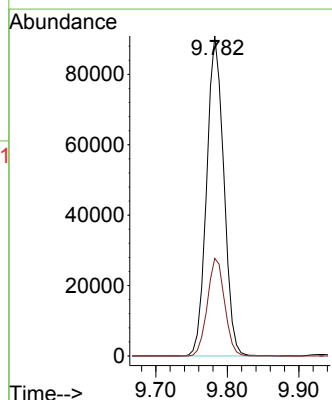
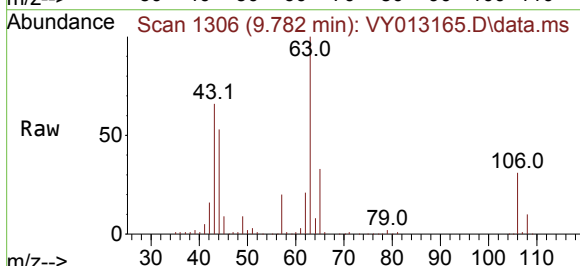
Acq: 03 Apr 2023 10:21

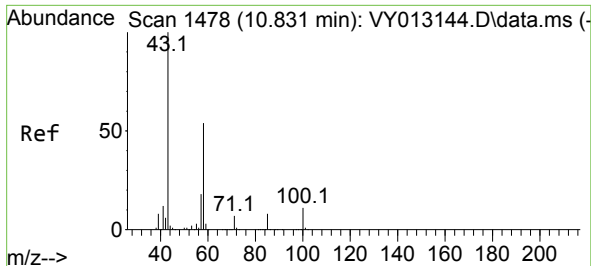
Tgt Ion: 63 Resp: 151061

Ion Ratio Lower Upper

63 100

106 30.6 22.1 33.1





#59

2-Hexanone

Concen: 266.650 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

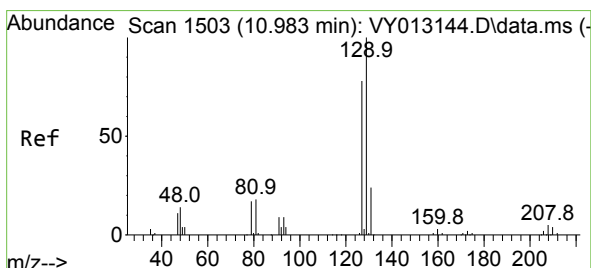
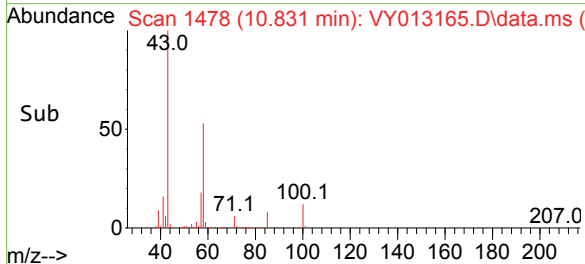
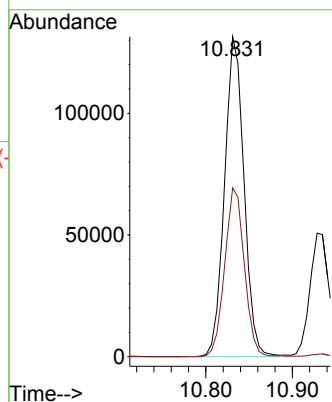
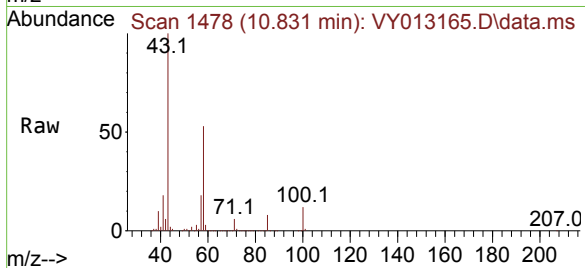
VSTDCCC050

Tgt Ion: 43 Resp: 205108

Ion Ratio Lower Upper

43 100

58 53.3 25.9 77.8



#60

Dibromochloromethane

Concen: 52.139 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY013165.D

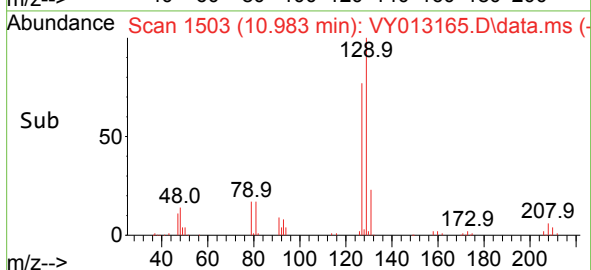
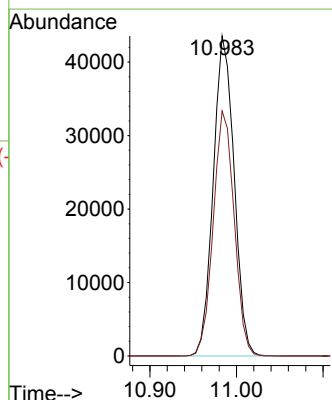
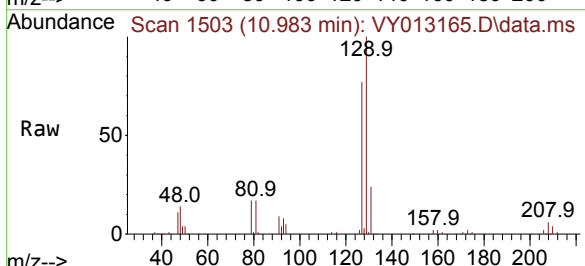
Acq: 03 Apr 2023 10:21

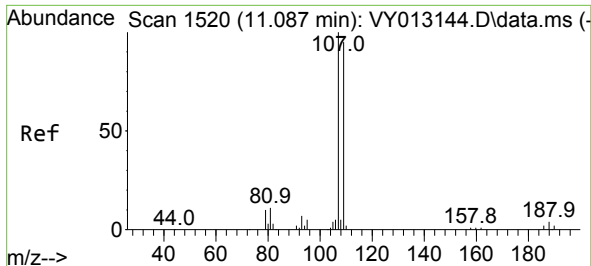
Tgt Ion:129 Resp: 72890

Ion Ratio Lower Upper

129 100

127 76.8 38.7 116.1

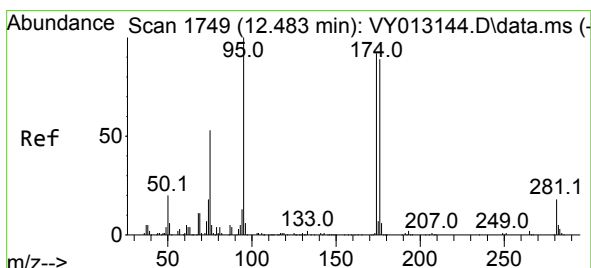
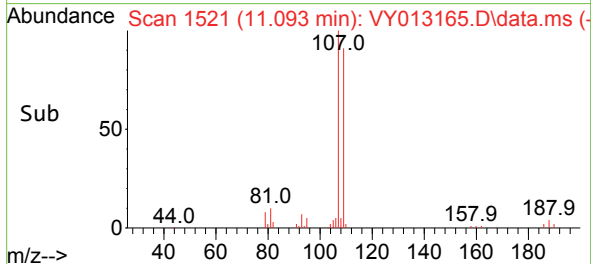
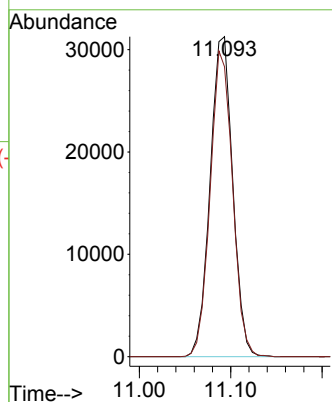
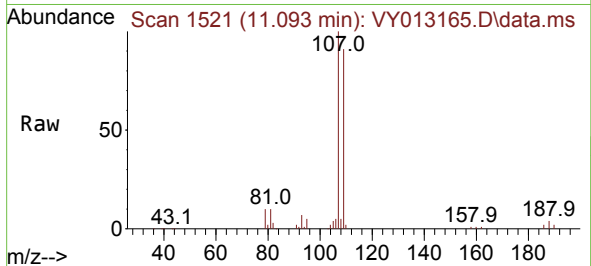




#61
1,2-Dibromoethane
Concen: 49.849 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

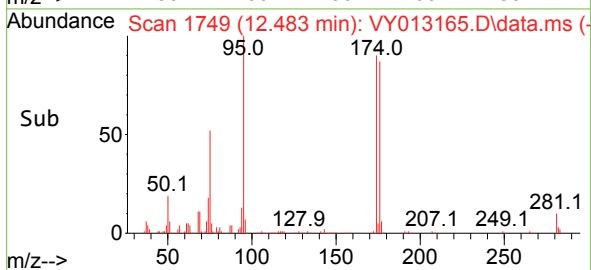
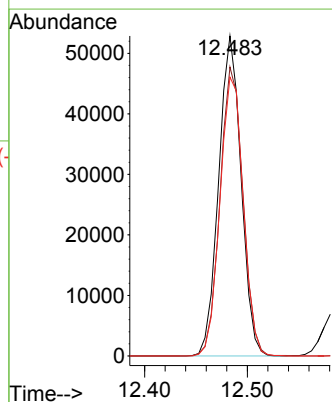
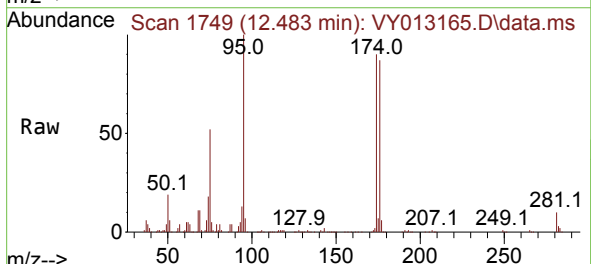
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

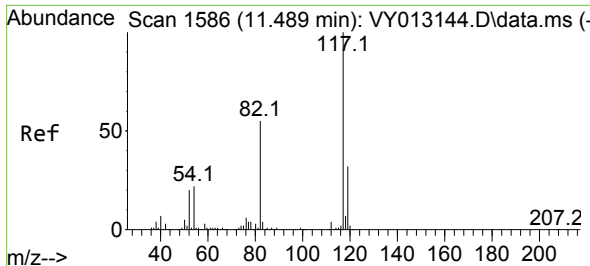
Tgt Ion:107 Resp: 53761
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 50.596 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 95 Resp: 80043
Ion Ratio Lower Upper
95 100
174 92.1 0.0 176.6
176 90.2 0.0 170.2

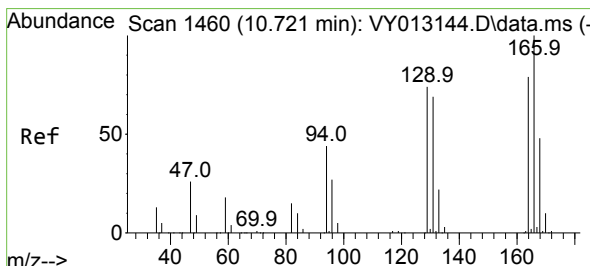
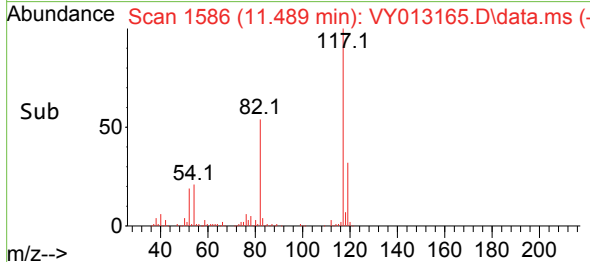
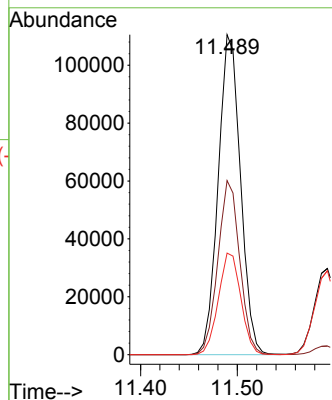
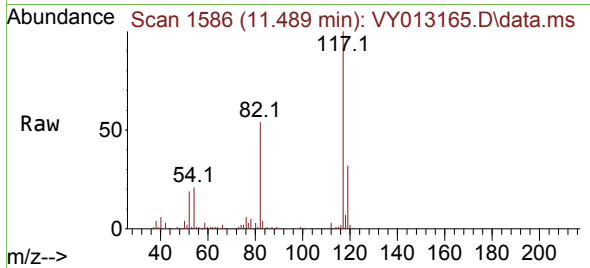




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

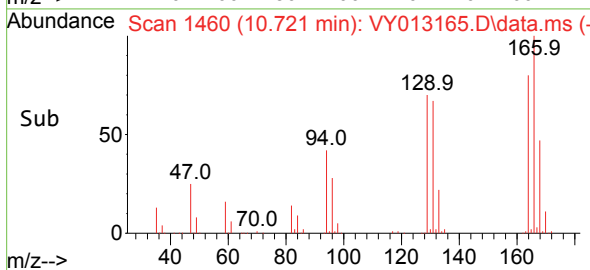
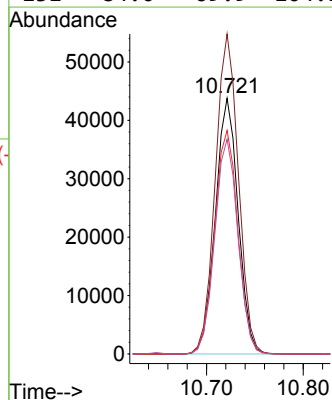
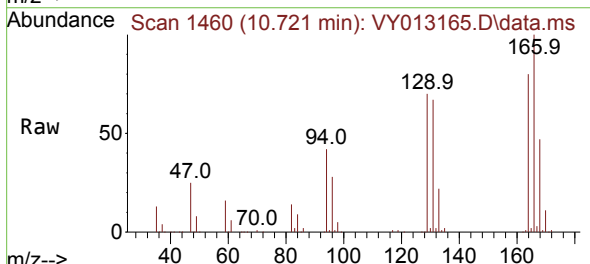
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

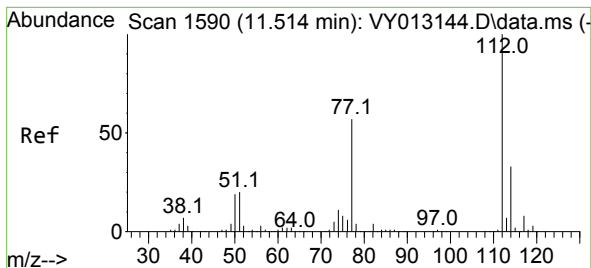
Tgt Ion:117 Resp: 176742
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 52.599 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion:164 Resp: 71469
Ion Ratio Lower Upper
164 100
166 125.2 103.4 155.2
129 87.5 71.4 107.2
131 84.0 69.9 104.9





#65

Chlorobenzene

Concen: 50.548 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

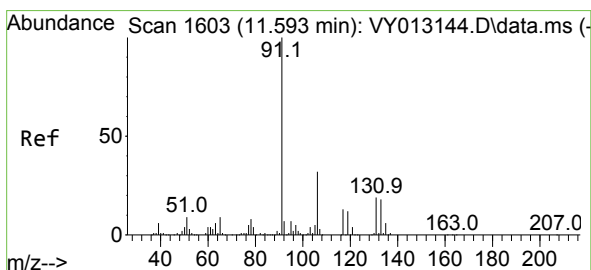
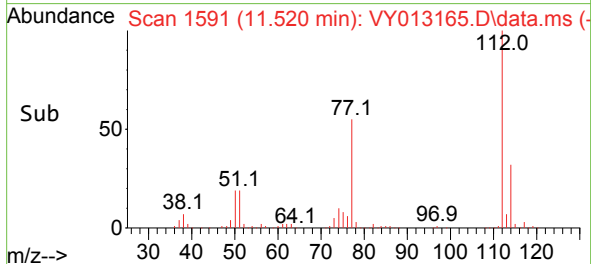
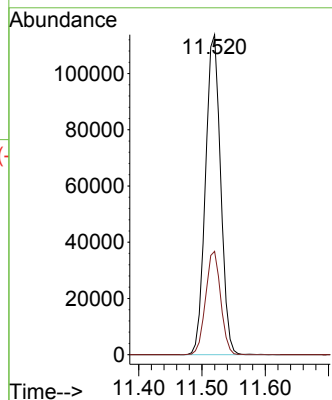
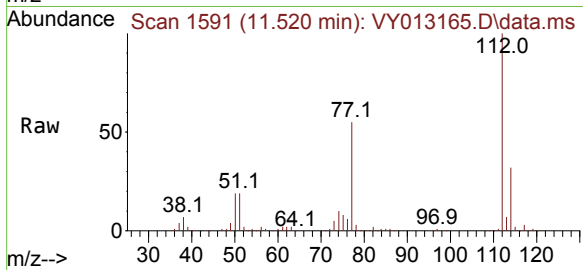
VSTDCCC050

Tgt Ion:112 Resp: 189660

Ion Ratio Lower Upper

112 100

114 32.3 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 51.991 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

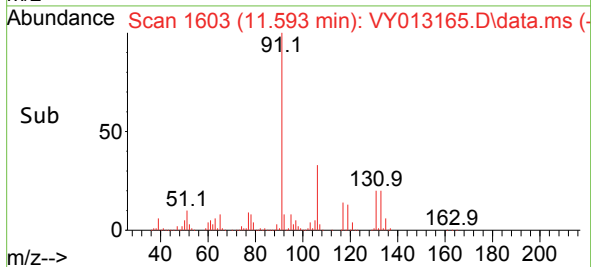
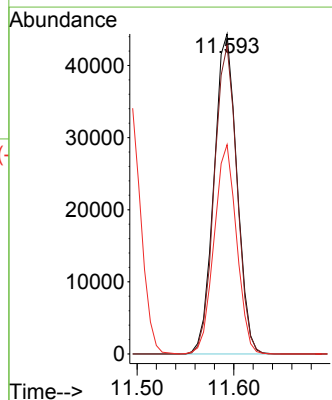
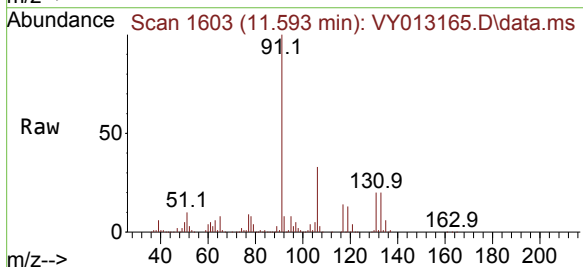
Tgt Ion:131 Resp: 73133

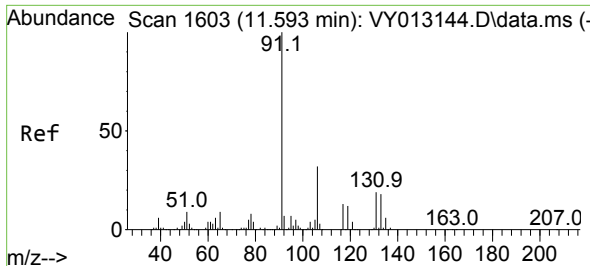
Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.0

119 64.1 32.6 98.0

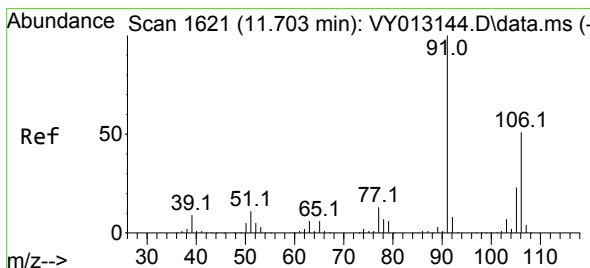
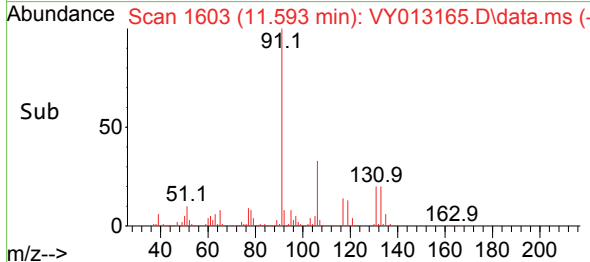
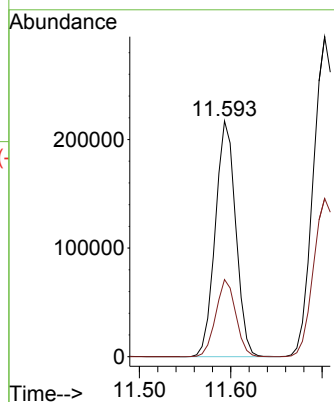
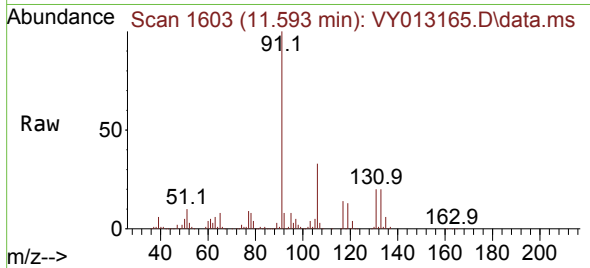




#67
Ethyl Benzene
Concen: 52.008 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

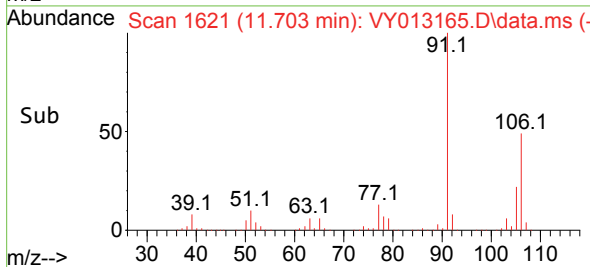
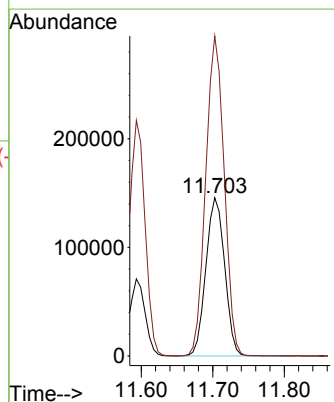
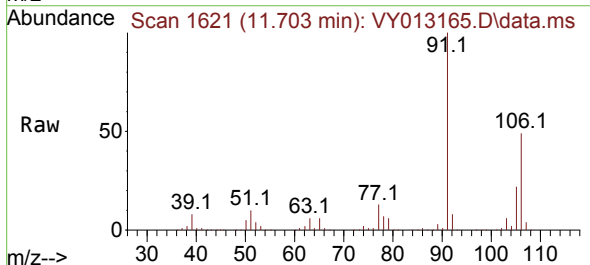
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

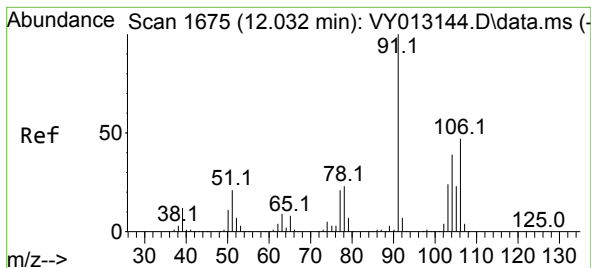
Tgt Ion: 91 Resp: 337033
Ion Ratio Lower Upper
91 100
106 32.7 25.1 37.7



#68
m/p-Xylenes
Concen: 105.812 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion:106 Resp: 265254
Ion Ratio Lower Upper
106 100
91 199.4 159.8 239.8

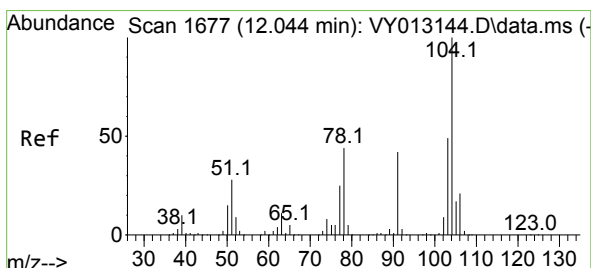
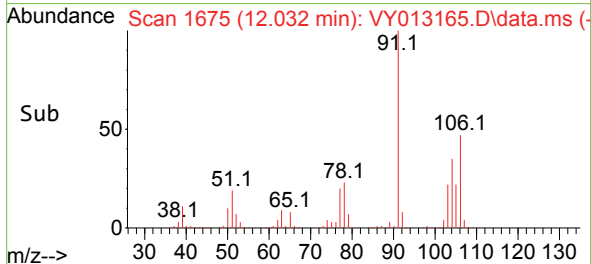
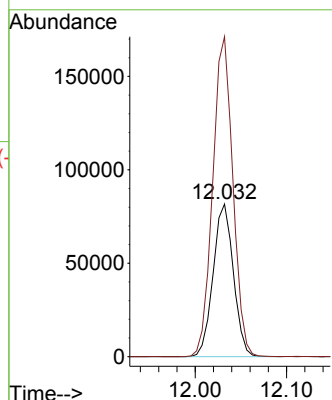
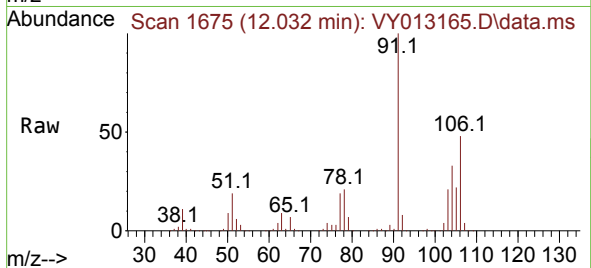




#69
o-Xylene
Concen: 54.073 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

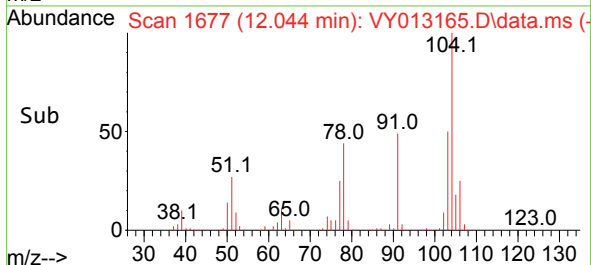
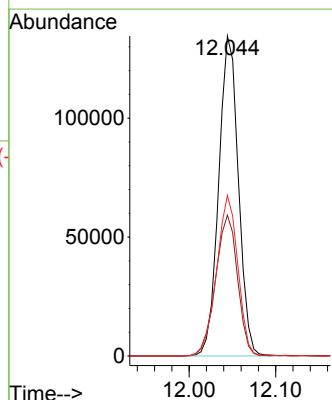
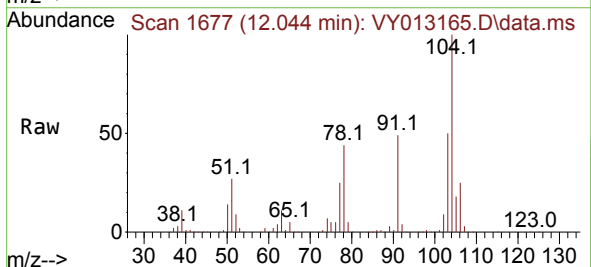
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

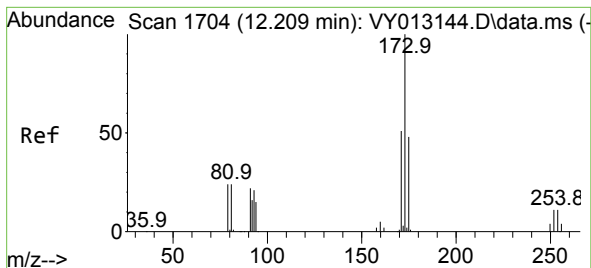
Tgt Ion:106 Resp: 125731
Ion Ratio Lower Upper
106 100
91 208.6 107.2 321.6



#70
Styrene
Concen: 54.778 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion:104 Resp: 213068
Ion Ratio Lower Upper
104 100
78 48.9 39.2 58.8
103 53.9 43.7 65.5





#71

Bromoform

Concen: 55.217 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

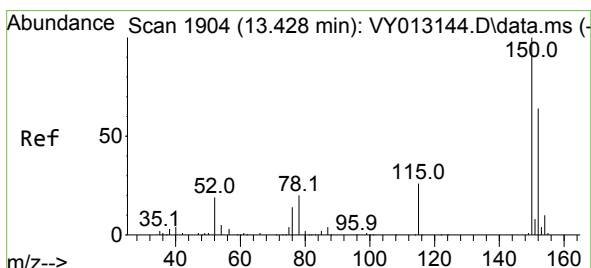
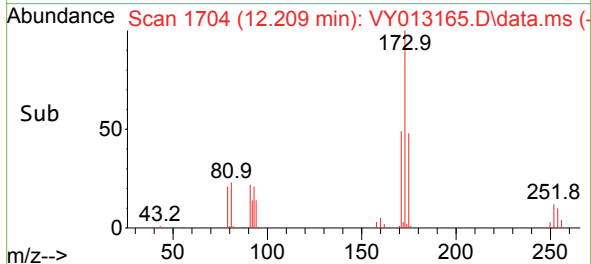
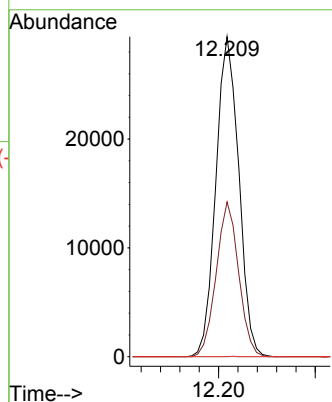
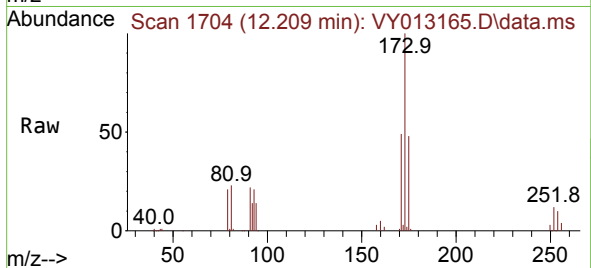
Tgt Ion:173 Resp: 48163

Ion Ratio Lower Upper

173 100

175 47.3 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

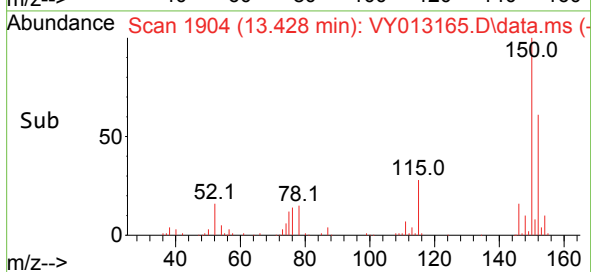
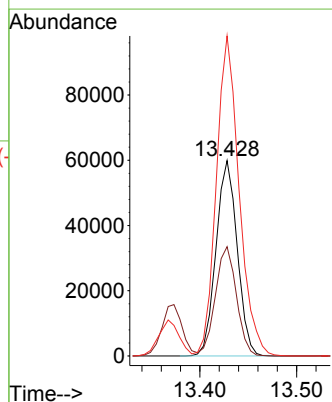
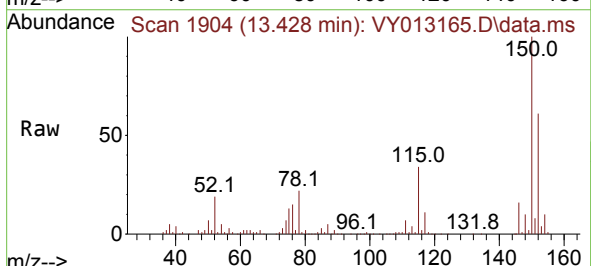
Tgt Ion:152 Resp: 91082

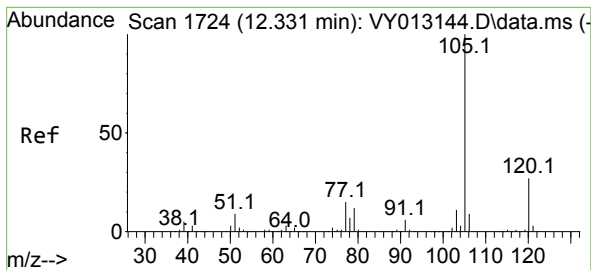
Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 176.2 0.0 347.8





#73

Isopropylbenzene

Concen: 52.594 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

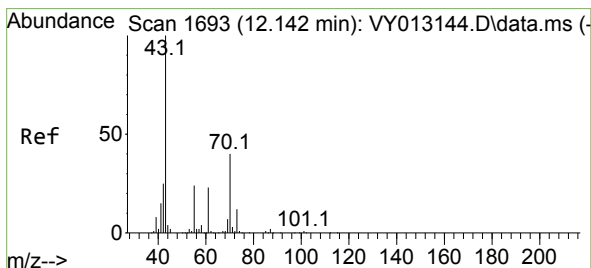
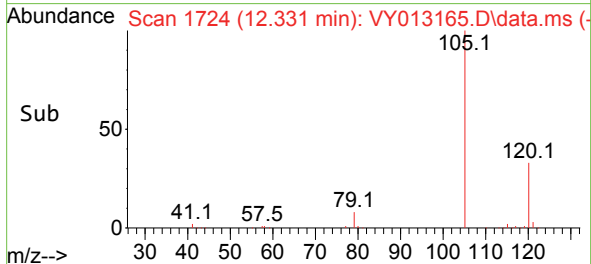
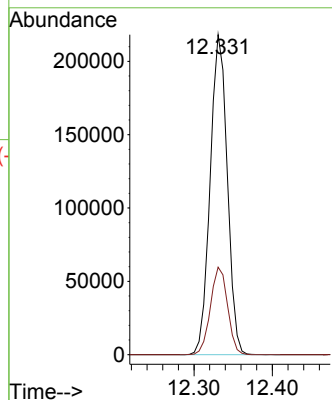
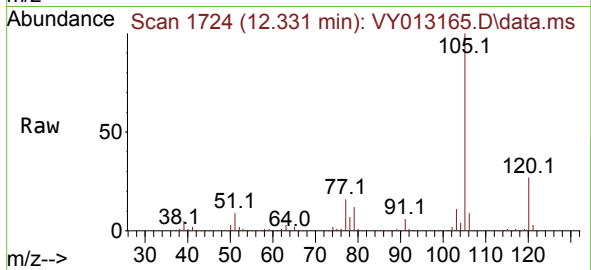
VSTDCCC050

Tgt Ion:105 Resp: 330668

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 48.634 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Tgt Ion: 43 Resp: 83954

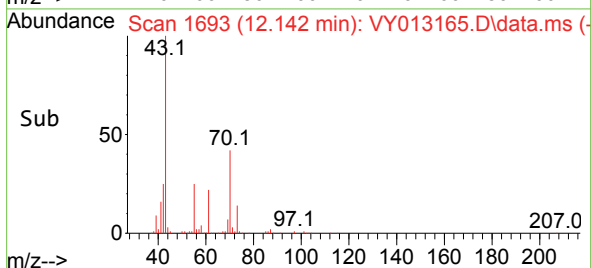
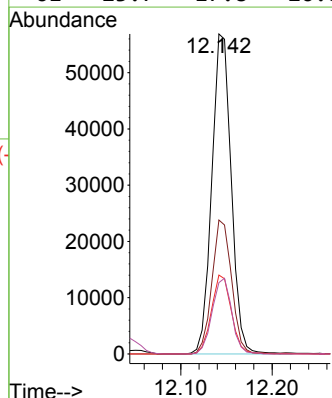
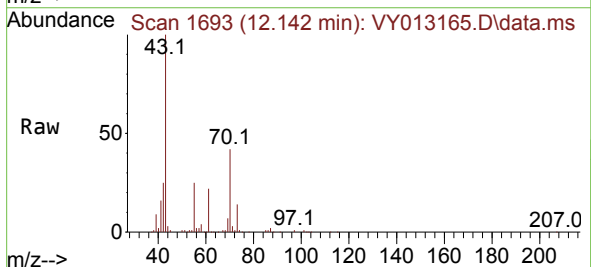
Ion Ratio Lower Upper

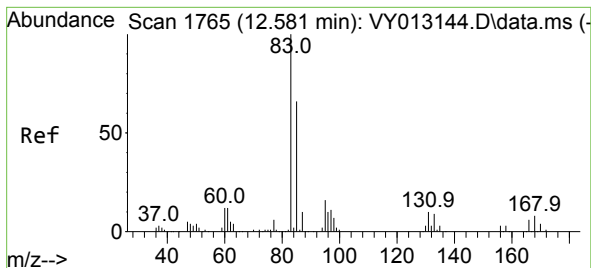
43 100

70 42.3 31.6 47.4

55 25.2 18.8 28.2

61 23.7 17.8 26.8





#75

1,1,2-Tetrachloroethane

Concen: 48.036 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

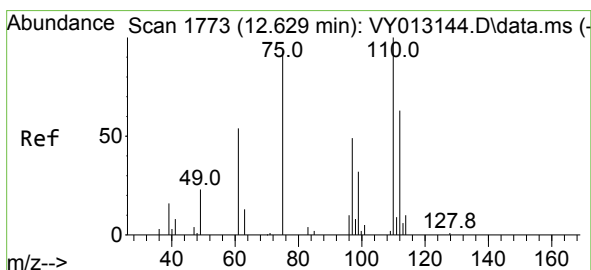
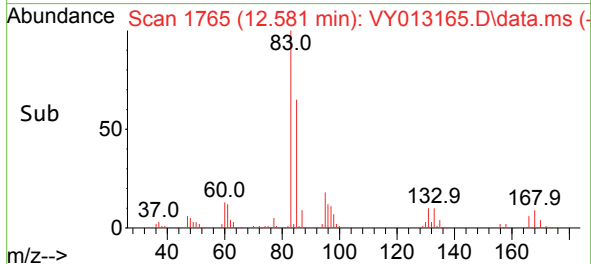
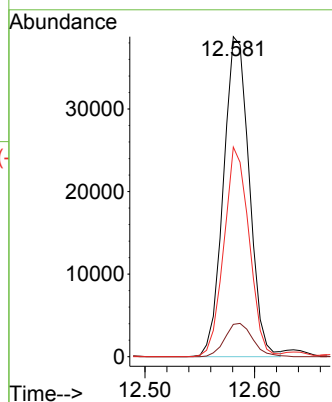
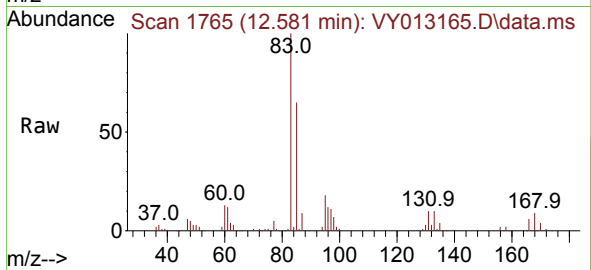
Tgt Ion: 83 Resp: 63262

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.2

85 64.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 81.513 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY013165.D

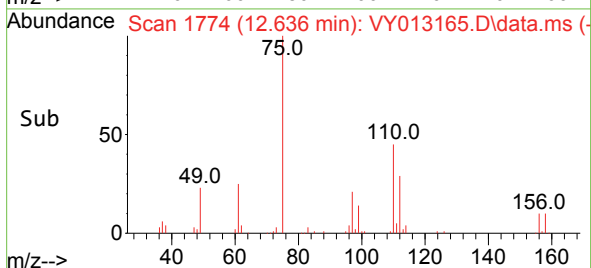
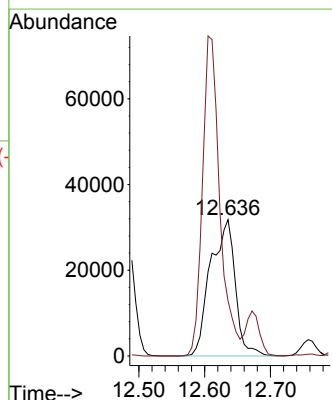
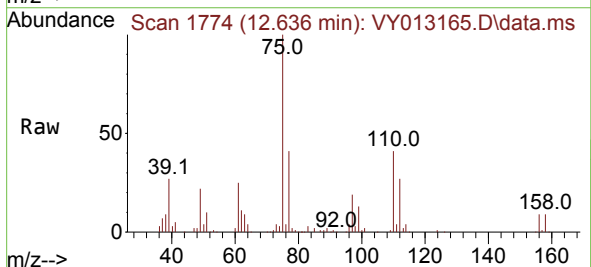
Acq: 03 Apr 2023 10:21

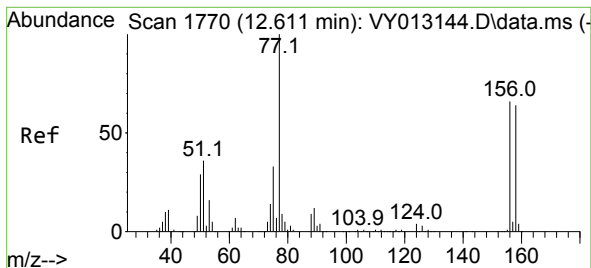
Tgt Ion: 75 Resp: 83405

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.167 ug/l

RT: 12.611 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

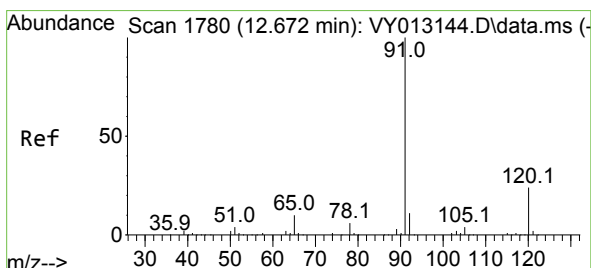
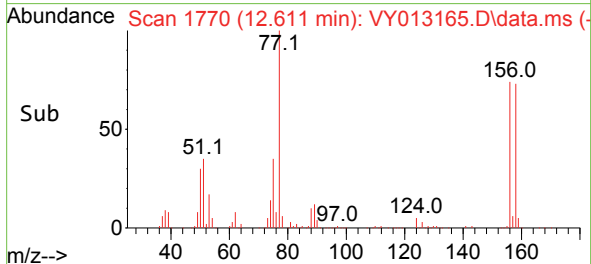
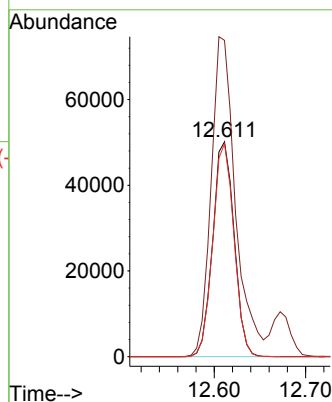
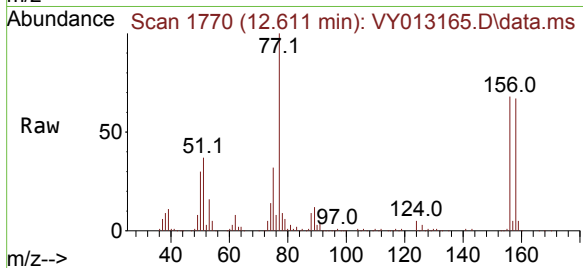
Tgt Ion:156 Resp: 81543

Ion Ratio Lower Upper

156 100

77 168.7 94.0 282.1

158 98.0 48.1 144.4



#78

n-propylbenzene

Concen: 50.716 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013165.D

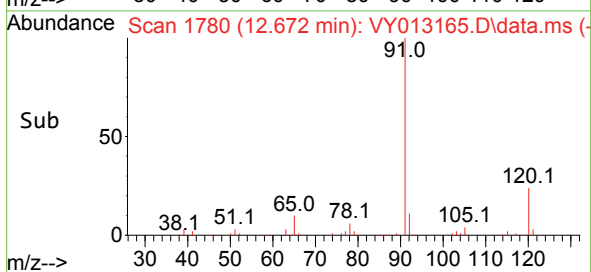
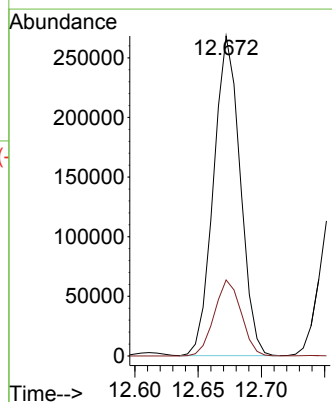
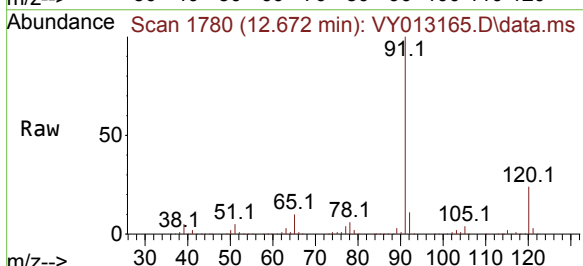
Acq: 03 Apr 2023 10:21

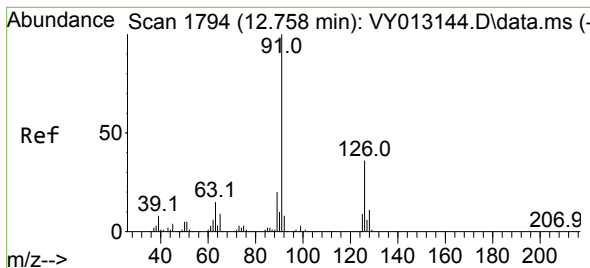
Tgt Ion: 91 Resp: 392057

Ion Ratio Lower Upper

91 100

120 23.9 11.6 34.8

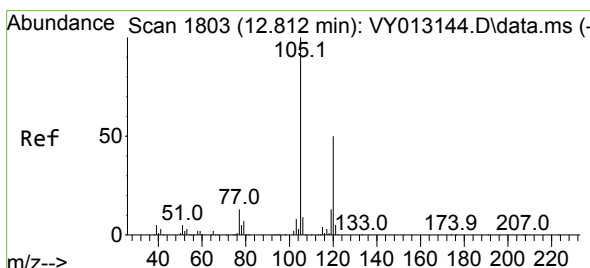
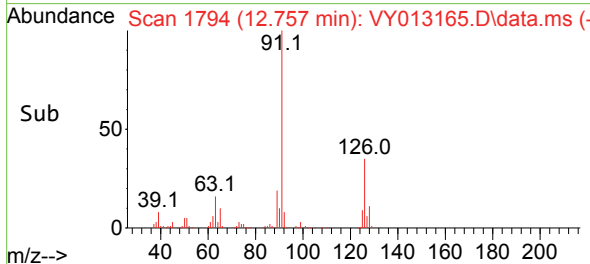
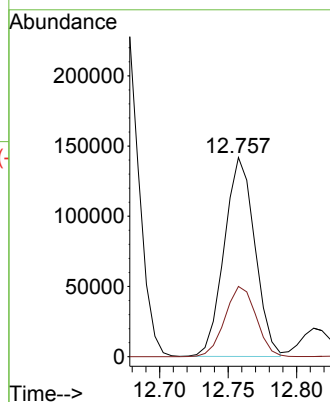
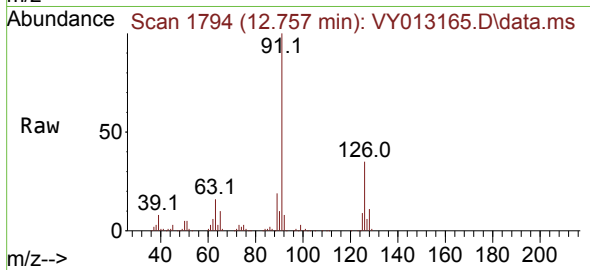




#79
2-Chlorotoluene
Concen: 50.321 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

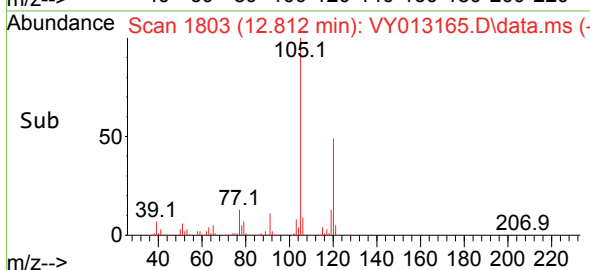
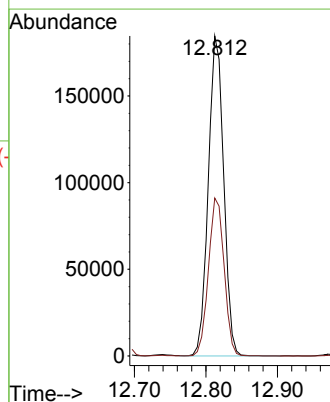
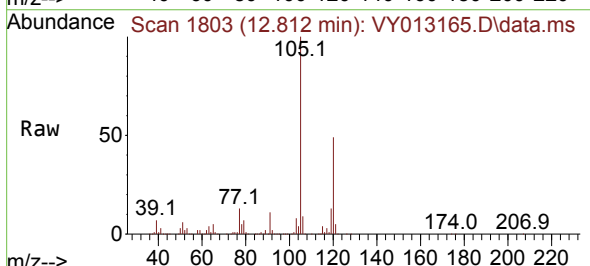
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

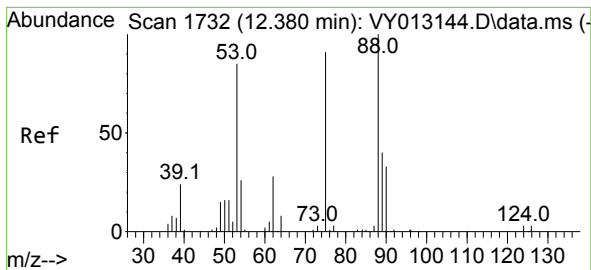
Tgt Ion: 91 Resp: 220735
Ion Ratio Lower Upper
91 100
126 35.9 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 52.533 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion:105 Resp: 276136
Ion Ratio Lower Upper
105 100
120 50.3 24.8 74.4

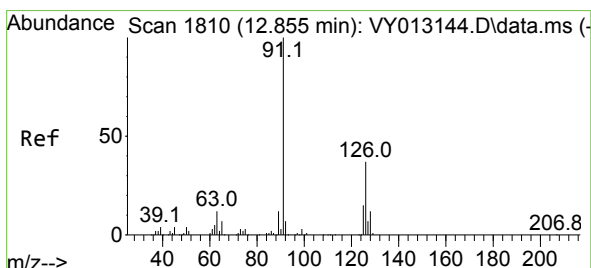
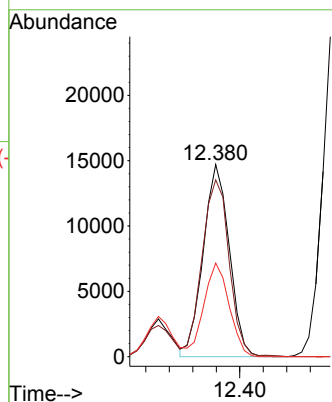
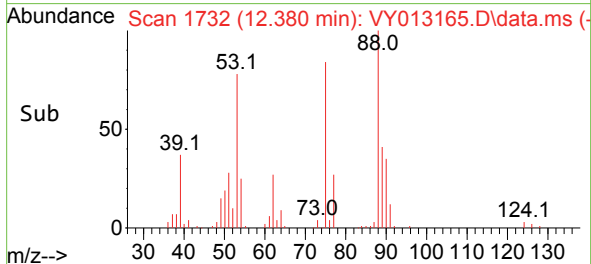
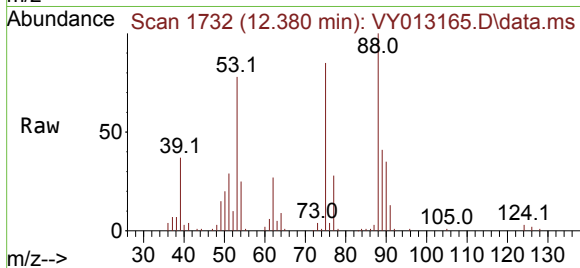




#81
trans-1,4-Dichloro-2-butene
Concen: 49.469 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

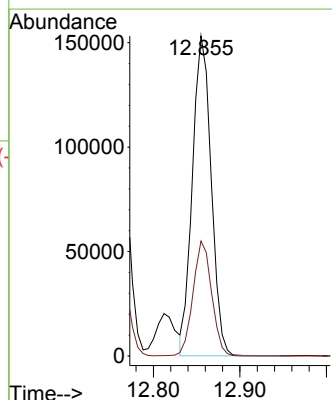
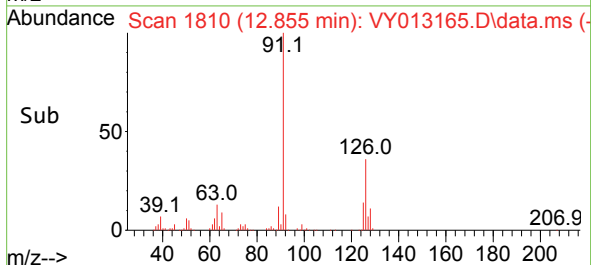
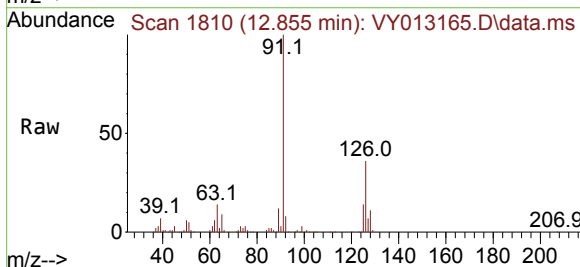
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

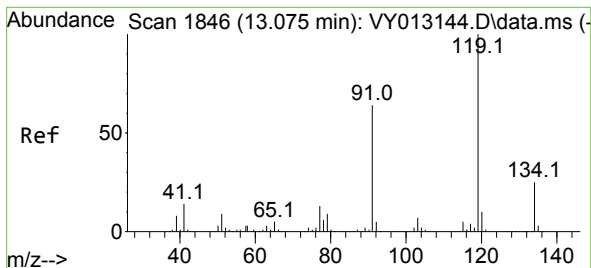
Tgt Ion: 75 Resp: 22697
Ion Ratio Lower Upper
75 100
53 95.7 73.4 110.0
89 46.7 36.6 55.0



#82
4-Chlorotoluene
Concen: 50.457 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 91 Resp: 230350
Ion Ratio Lower Upper
91 100
126 35.7 17.7 53.1





#83

tert-Butylbenzene

Concen: 53.125 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

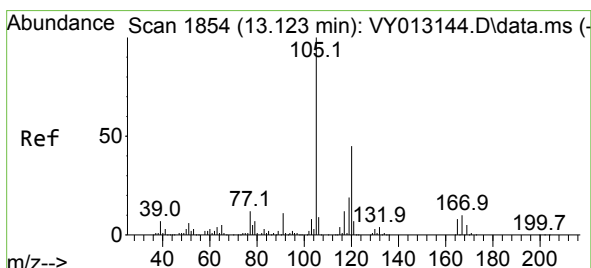
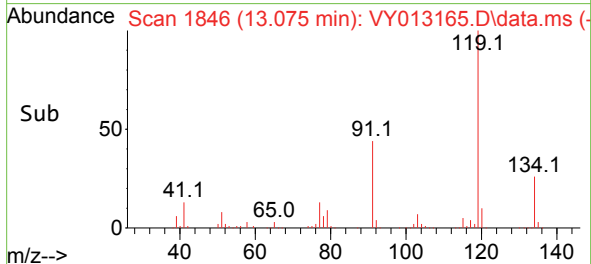
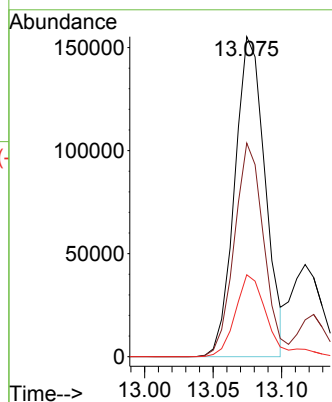
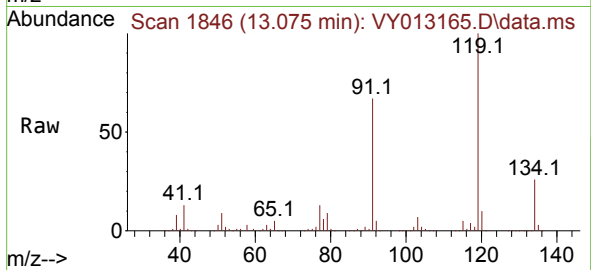
Tgt Ion:119 Resp: 239853

Ion Ratio Lower Upper

119 100

91 64.8 32.8 98.3

134 27.1 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 52.929 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013165.D

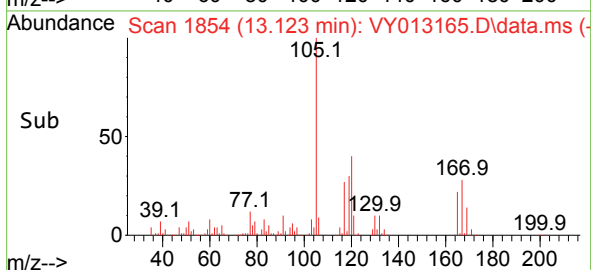
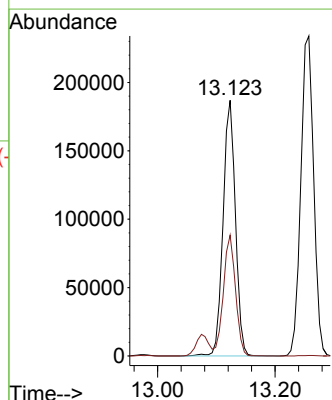
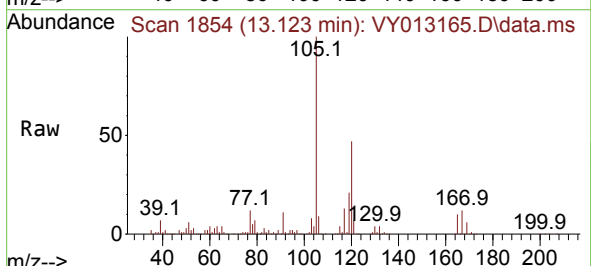
Acq: 03 Apr 2023 10:21

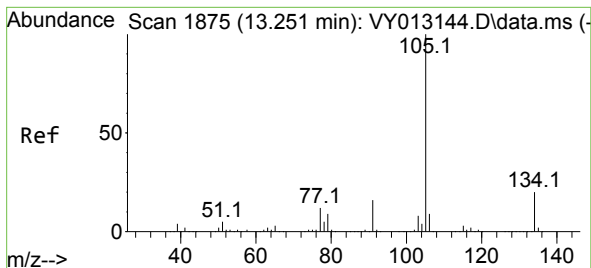
Tgt Ion:105 Resp: 272461

Ion Ratio Lower Upper

105 100

120 46.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.047 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

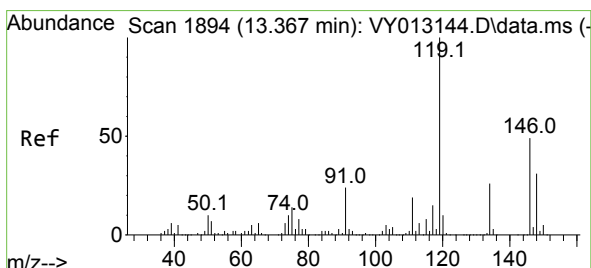
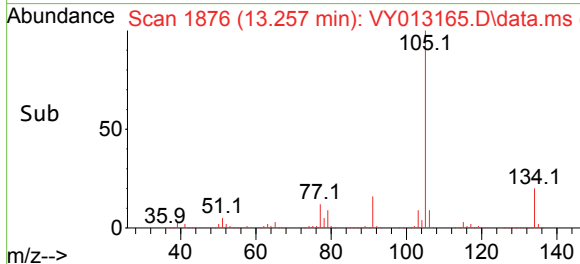
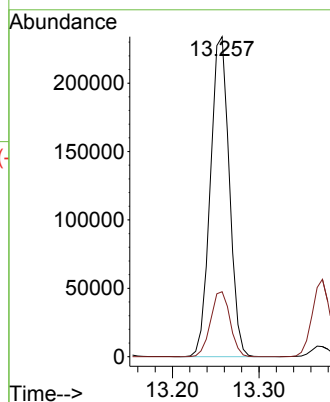
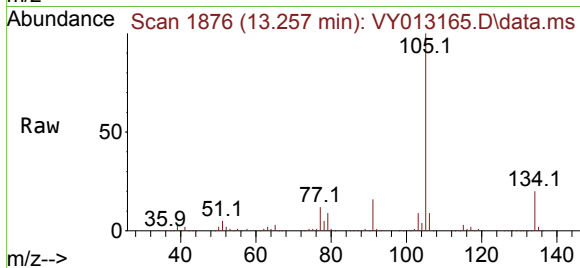
VSTDCCC050

Tgt Ion:105 Resp: 354805

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 53.397 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

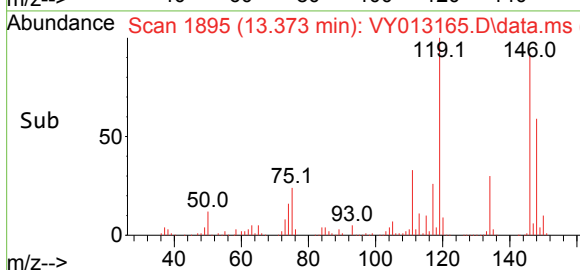
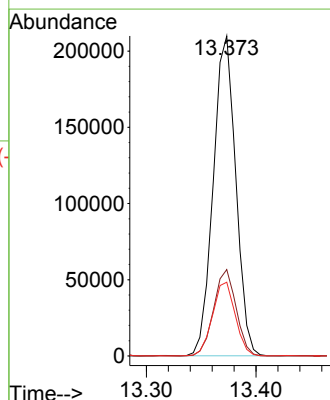
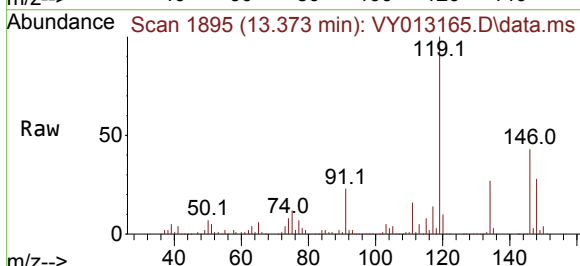
Tgt Ion:119 Resp: 299668

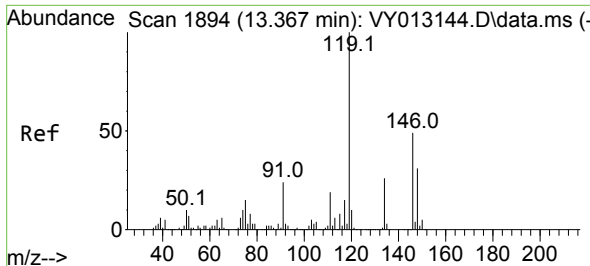
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 23.3 11.8 35.3

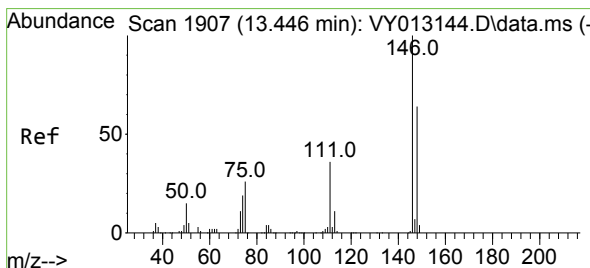
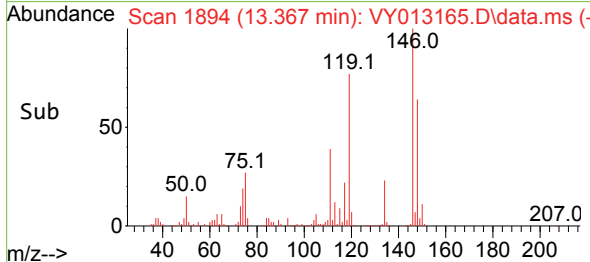
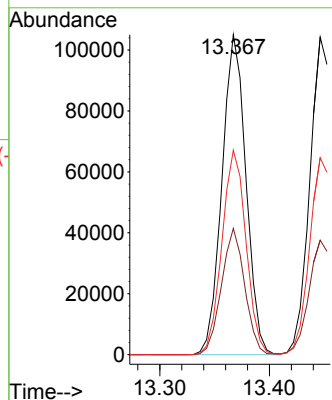
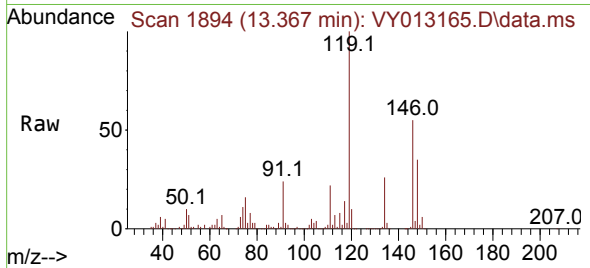




#87
1,3-Dichlorobenzene
Concen: 51.601 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

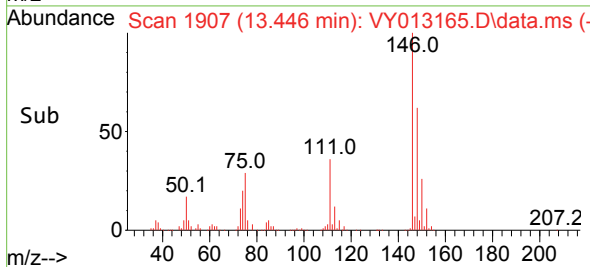
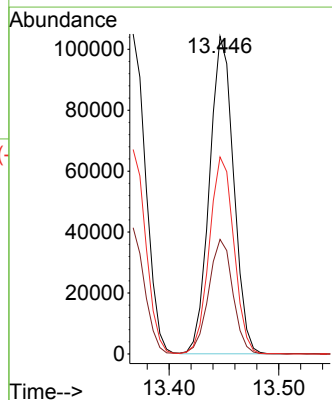
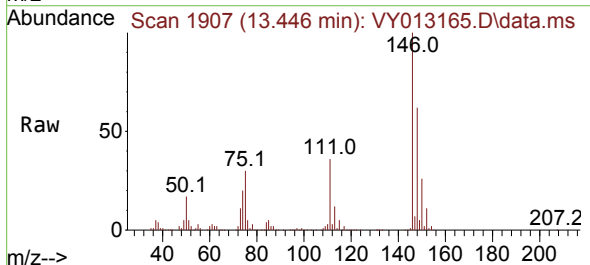
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

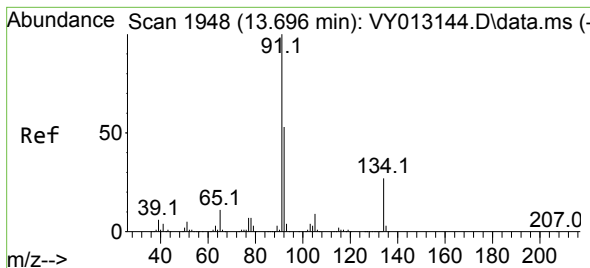
Tgt Ion:146 Resp: 159892
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.5
148 64.0 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 51.333 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion:146 Resp: 159390
Ion Ratio Lower Upper
146 100
111 36.4 18.6 55.8
148 63.2 31.5 94.5





#89

n-Butylbenzene

Concen: 51.062 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

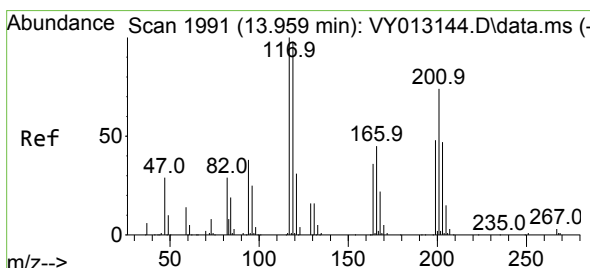
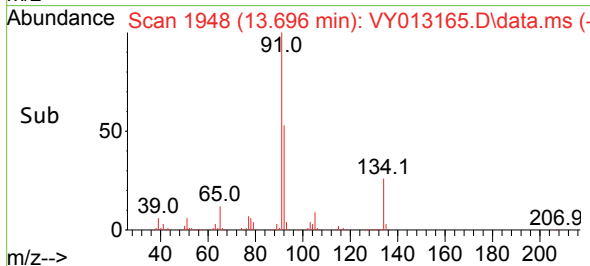
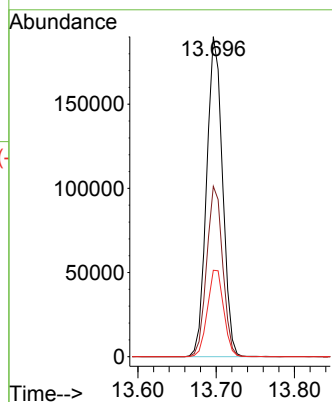
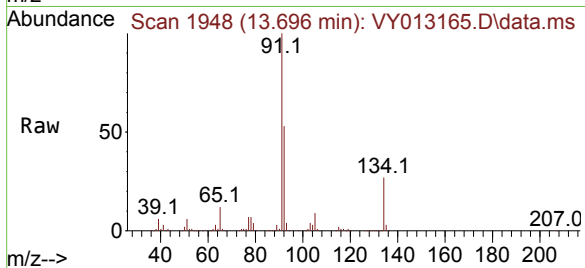
Tgt Ion: 91 Resp: 267888

Ion Ratio Lower Upper

91 100

92 53.5 26.4 79.0

134 27.6 13.0 38.9



#90

Hexachloroethane

Concen: 50.180 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY013165.D

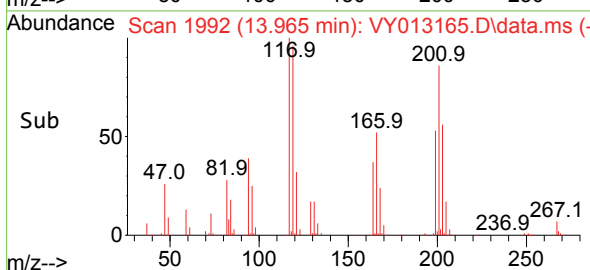
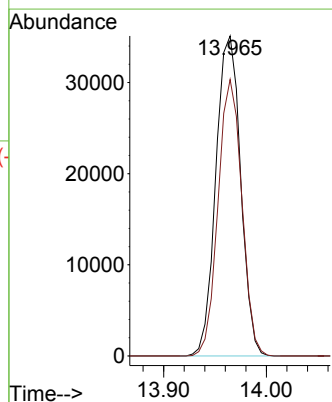
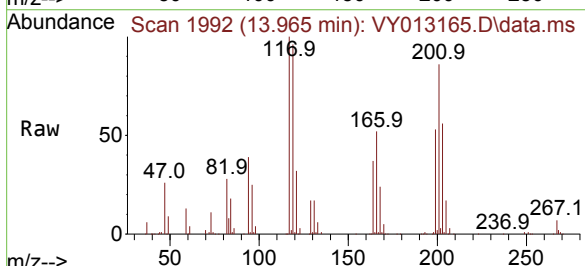
Acq: 03 Apr 2023 10:21

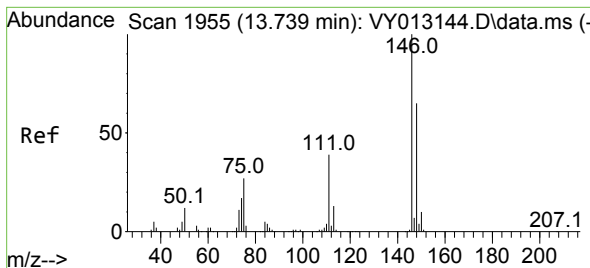
Tgt Ion: 117 Resp: 58665

Ion Ratio Lower Upper

117 100

201 83.0 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 51.300 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

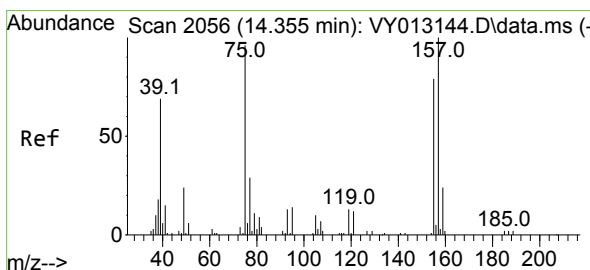
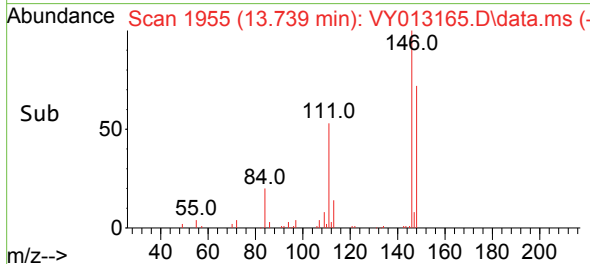
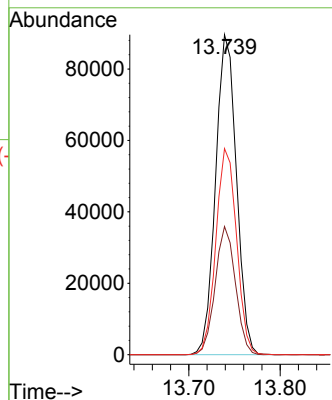
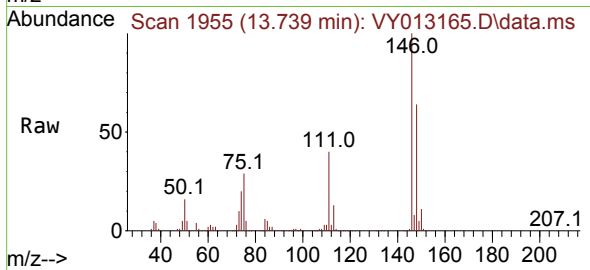
Tgt Ion:146 Resp: 141961

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.1

148 64.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.502 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

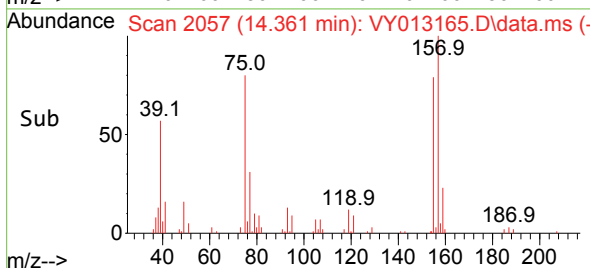
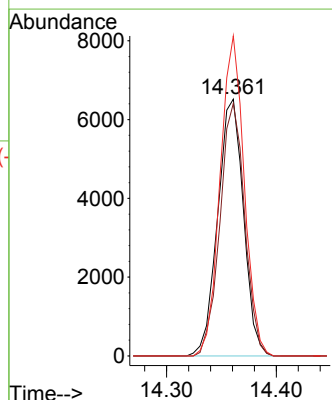
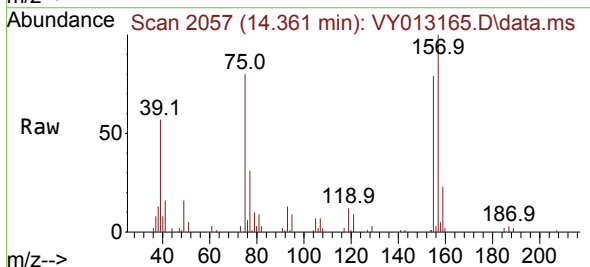
Tgt Ion: 75 Resp: 10629

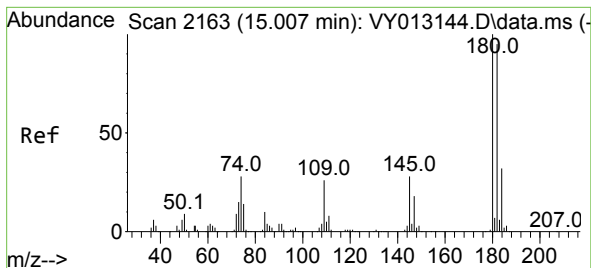
Ion Ratio Lower Upper

75 100

155 94.3 43.8 131.4

157 116.3 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 55.249 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

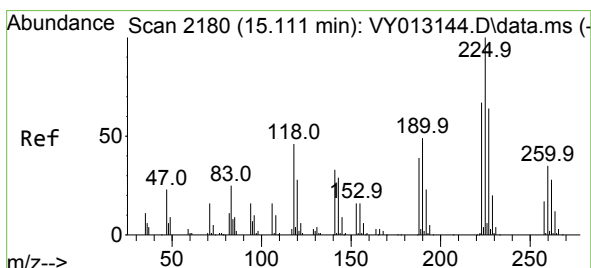
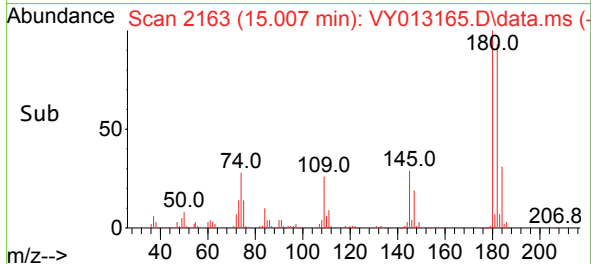
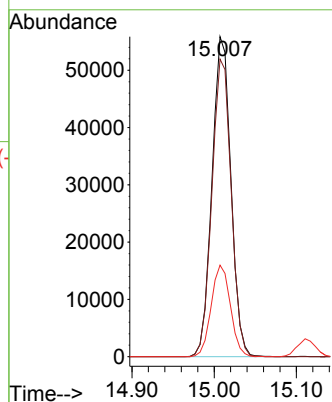
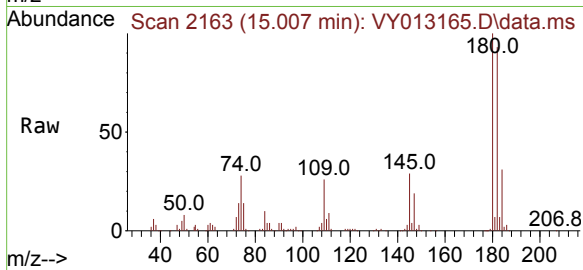
Tgt Ion:180 Resp: 89159

Ion Ratio Lower Upper

180 100

182 94.7 46.7 140.1

145 29.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 53.340 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

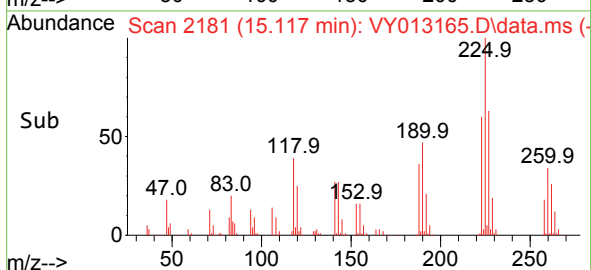
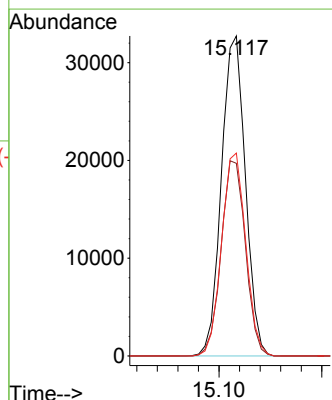
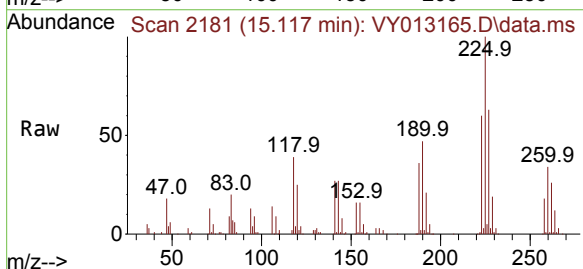
Tgt Ion:225 Resp: 52940

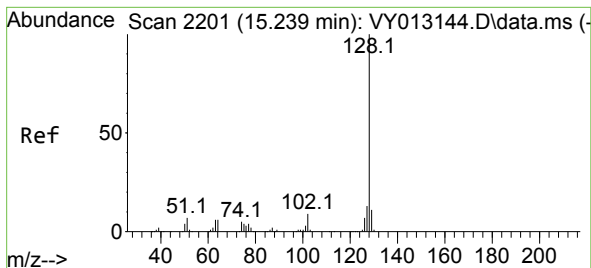
Ion Ratio Lower Upper

225 100

223 61.7 31.1 93.3

227 63.9 32.4 97.0





#95

Naphthalene

Concen: 50.536 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

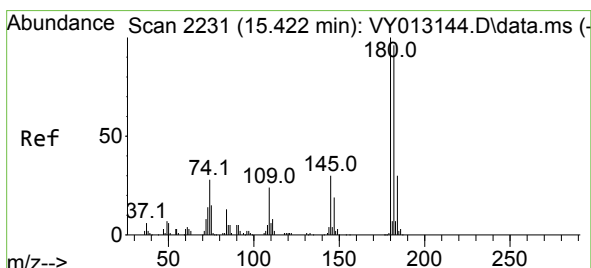
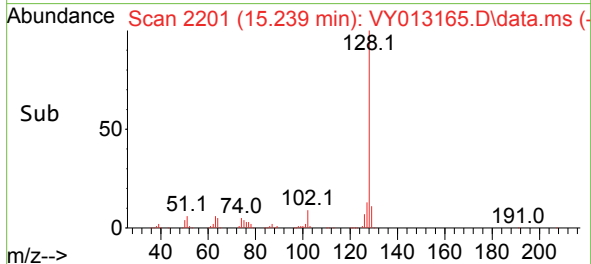
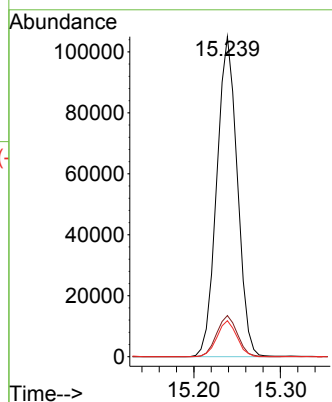
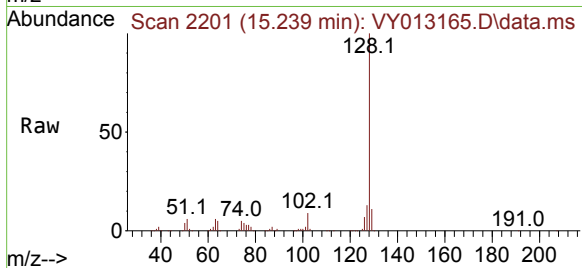
Tgt Ion:128 Resp: 172867

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.492 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Tgt Ion:180 Resp: 78898

Ion Ratio Lower Upper

180 100

182 96.0 47.4 142.3

145 31.2 15.3 45.8

