

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015993.D
 Acq On : 16 Oct 2023 18:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 05:46:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	203626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	320873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	305463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	158850	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	108531	46.701	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.400%
35) Dibromofluoromethane	7.734	113	100437	49.720	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.440%
50) Toluene-d8	10.191	98	398697	52.703	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.400%
62) 4-Bromofluorobenzene	12.489	95	144535	53.655	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	86680	50.874	ug/l	98
3) Chloromethane	2.119	50	118573	44.514	ug/l	98
4) Vinyl Chloride	2.259	62	120039	55.075	ug/l	97
5) Bromomethane	2.668	94	80921	65.638	ug/l	97
6) Chloroethane	2.808	64	71005	50.410	ug/l	100
7) Trichlorofluoromethane	3.131	101	216638	58.600	ug/l	97
8) Diethyl Ether	3.540	74	66520	48.144	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.905	101	116743	55.536	ug/l	94
10) Methyl Iodide	4.094	142	125596	51.959	ug/l	99
11) Tert butyl alcohol	4.942	59	121668	90.238	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	109213	55.150	ug/l	95
13) Acrolein	3.753	56	104902	239.006	ug/l	100
14) Allyl chloride	4.484	41	189127	59.103	ug/l	92
15) Acrylonitrile	5.204	53	306722	251.994	ug/l	97
16) Acetone	4.003	43	386506	286.311	ug/l	93
17) Carbon Disulfide	4.198	76	324999	53.695	ug/l	100
18) Methyl Acetate	4.515	43	213631	45.623	ug/l #	89
19) Methyl tert-butyl Ether	5.253	73	294729	44.397	ug/l	98
20) Methylene Chloride	4.722	84	126542	49.016	ug/l	89
21) trans-1,2-Dichloroethene	5.228	96	114858	49.621	ug/l	97
22) Diisopropyl ether	6.149	45	328474	49.432	ug/l	97
23) Vinyl Acetate	6.082	43	955051	218.471	ug/l #	95
24) 1,1-Dichloroethane	6.027	63	198173	50.124	ug/l	98
25) 2-Butanone	7.027	43	491946	250.387	ug/l	97
26) 2,2-Dichloropropane	6.996	77	163570	49.823	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	125893	48.371	ug/l	95
28) Bromochloromethane	7.350	49	84959	48.154	ug/l	91
29) Tetrahydrofuran	7.380	42	334304	248.222	ug/l	93
30) Chloroform	7.521	83	205265	50.021	ug/l	97
31) Cyclohexane	7.795	56	185266	50.080	ug/l	90
32) 1,1,1-Trichloroethane	7.716	97	188652	51.690	ug/l	98
36) 1,1-Dichloropropene	7.929	75	163214	53.547	ug/l	99
37) Ethyl Acetate	7.106	43	149544	31.798	ug/l	98
38) Carbon Tetrachloride	7.911	117	170583	53.141	ug/l	97
39) Methylcyclohexane	9.191	83	210148	53.738	ug/l	94
40) Benzene	8.173	78	460156	52.177	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	59668	38.479	ug/l #	84
42) 1,2-Dichloroethane	8.252	62	138307	48.876	ug/l	94
43) Isopropyl Acetate	8.295	43	235155	46.543	ug/l #	91
44) Trichloroethene	8.947	130	148073	54.484	ug/l	100
45) 1,2-Dichloropropane	9.228	63	115415	51.287	ug/l	100
46) Dibromomethane	9.319	93	74936	47.374	ug/l	96
47) Bromodichloromethane	9.508	83	159376	49.896	ug/l	99
48) Methyl methacrylate	9.307	41	105292	47.180	ug/l	89
49) 1,4-Dioxane	9.368	88	87279	1978.533	ug/l #	82
51) 4-Methyl-2-Pentanone	10.081	43	1170630	314.391	ug/l	91
52) Toluene	10.252	92	304239	53.957	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	190902	53.303	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	203128	52.762	ug/l #	89
55) 1,1,2-Trichloroethane	10.654	97	120003	53.285	ug/l	96
56) Ethyl methacrylate	10.520	69	190850	54.133	ug/l	90
57) 1,3-Dichloropropane	10.800	76	201472	52.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	291825	188.627	ug/l	95
59) 2-Hexanone	10.843	43	1055896	332.209	ug/l	88
60) Dibromochloromethane	10.996	129	137406	53.653	ug/l	100
61) 1,2-Dibromoethane	11.099	107	129987	53.342	ug/l	100
64) Tetrachloroethene	10.727	164	143056	53.723	ug/l	97
65) Chlorobenzene	11.526	112	330442	51.630	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	123709	52.215	ug/l	99
67) Ethyl Benzene	11.599	91	590698	52.783	ug/l	98
68) m/p-Xylenes	11.709	106	457459	105.921	ug/l	95
69) o-Xylene	12.038	106	219775	53.226	ug/l	97
70) Styrene	12.050	104	380437	54.138	ug/l	96
71) Bromoform	12.215	173	106957	53.012	ug/l #	99
73) Isopropylbenzene	12.337	105	580505	51.622	ug/l	100
74) N-amyl acetate	12.154	43	249918	55.012	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.593	83	163464	47.325	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	269659	86.743	ug/l #	100
77) Bromobenzene	12.617	156	141693	50.192	ug/l	88
78) n-propylbenzene	12.678	91	705380	51.583	ug/l	100
79) 2-Chlorotoluene	12.763	91	391369	50.601	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	484654	51.877	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	71729	54.354	ug/l	92
82) 4-Chlorotoluene	12.861	91	407169	51.222	ug/l	99
83) tert-Butylbenzene	13.081	119	425449	51.825	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	490974	52.354	ug/l	98
85) sec-Butylbenzene	13.263	105	631402	51.824	ug/l	100
86) p-Isopropyltoluene	13.379	119	532145	52.267	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	279997	51.648	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	281989	51.510	ug/l	99
89) n-Butylbenzene	13.702	91	503366	52.577	ug/l	97
90) Hexachloroethane	13.971	117	99638	51.061	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	263880	51.879	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	60357	61.085	ug/l	86
93) 1,2,4-Trichlorobenzene	15.013	180	172970	51.737	ug/l	99
94) Hexachlorobutadiene	15.117	225	86259	50.815	ug/l	98
95) Naphthalene	15.245	128	607048	55.970	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	166136	51.833	ug/l	98

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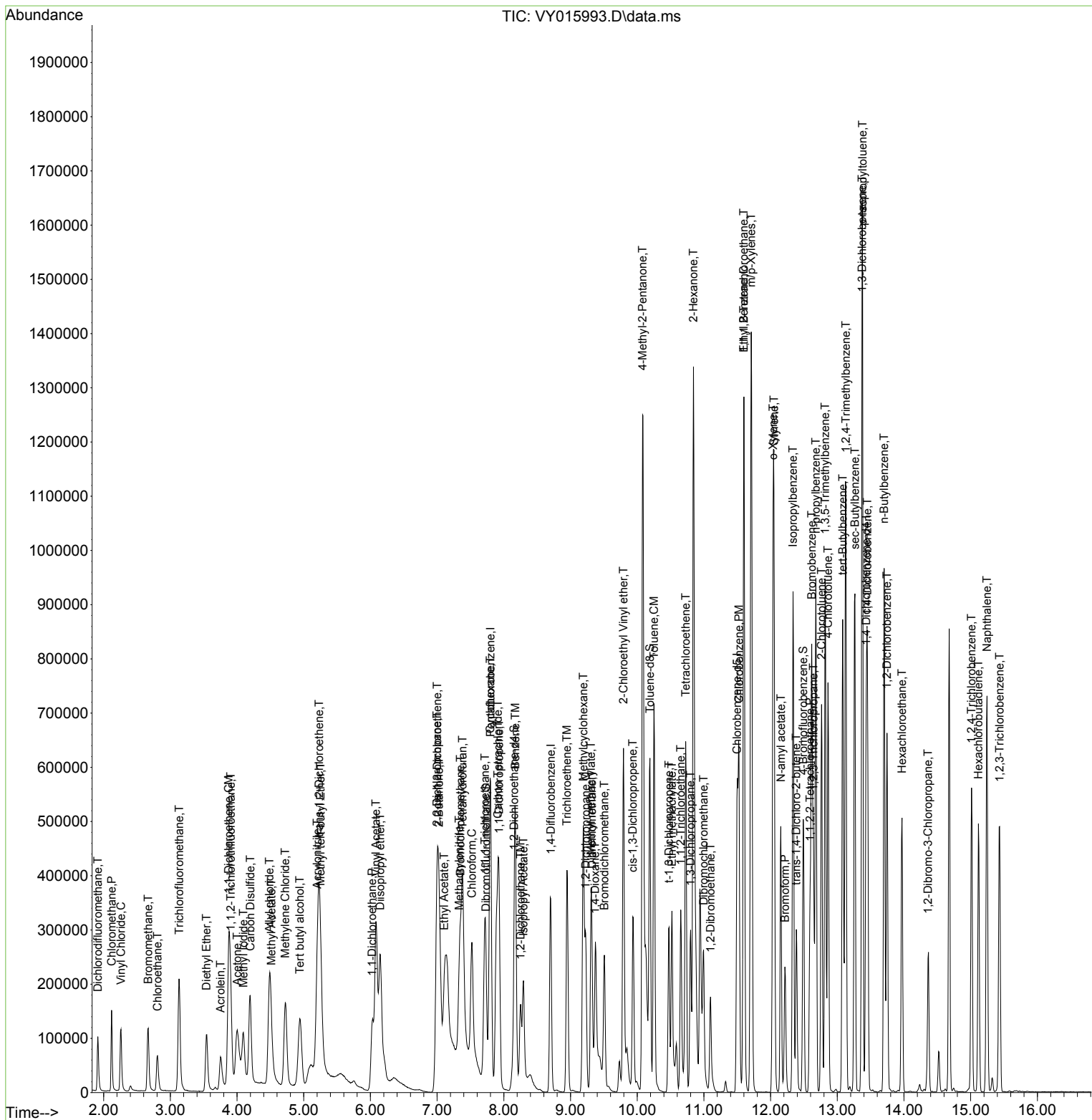
Instrument :
MSVOA_Y
ClientSampleId :

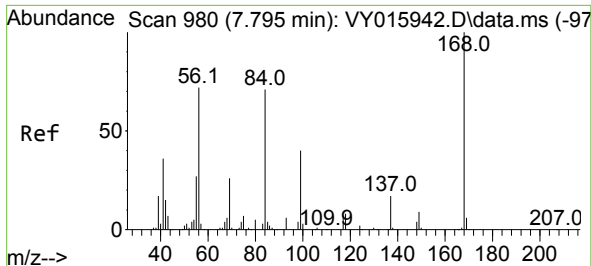
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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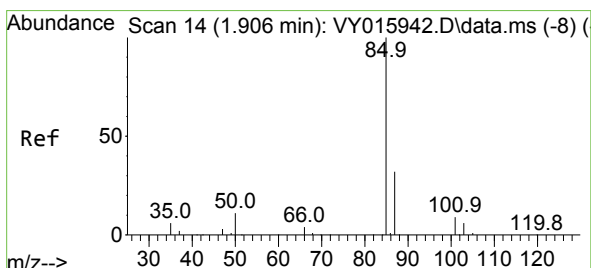
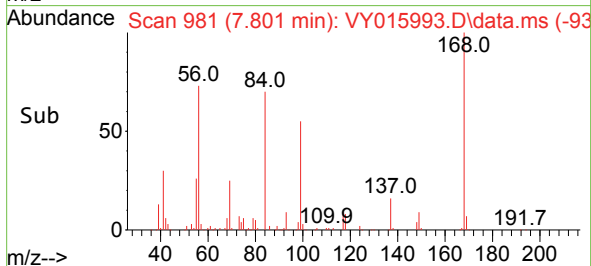
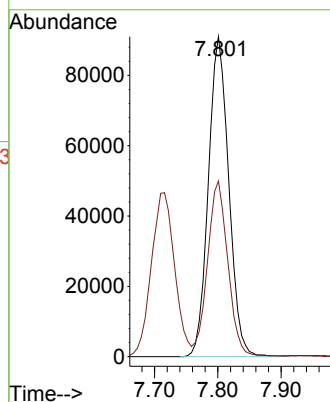
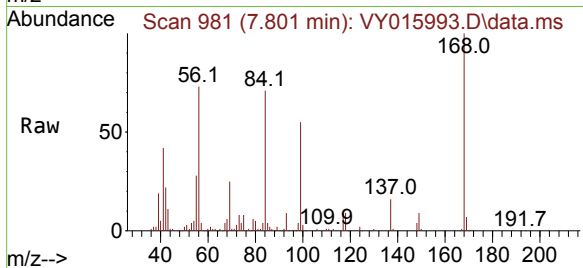




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015993.D
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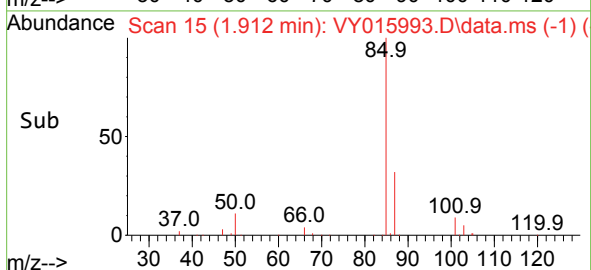
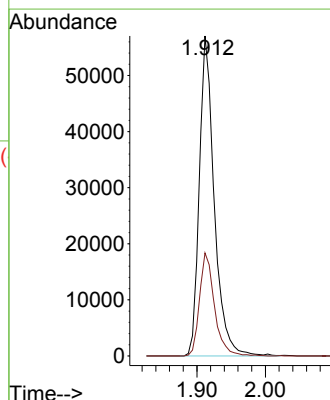
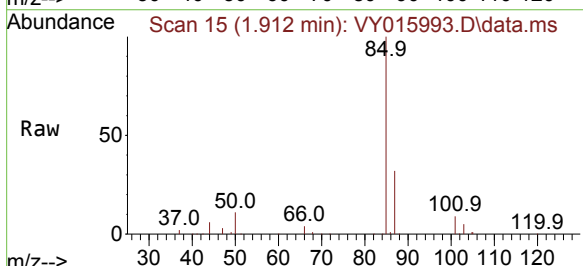
Instrument :
MSVOA_Y
ClientSampleId :

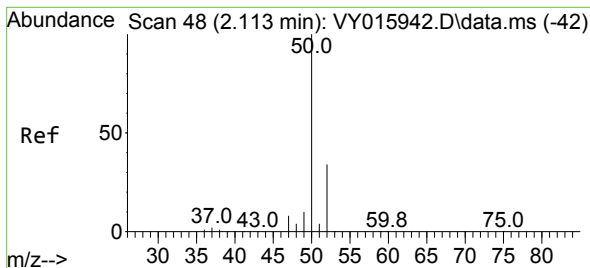
Tgt Ion:168 Resp: 203626
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 50.874 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Tgt Ion: 85 Resp: 86680
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.8





#3

Chloromethane

Concen: 44.514 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

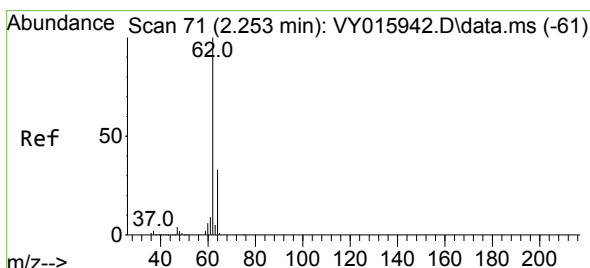
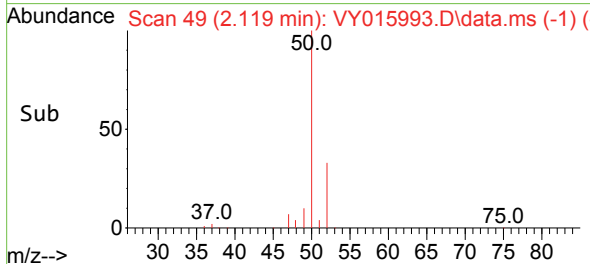
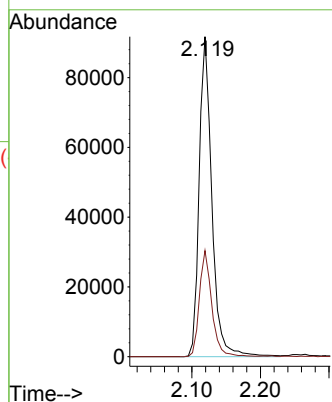
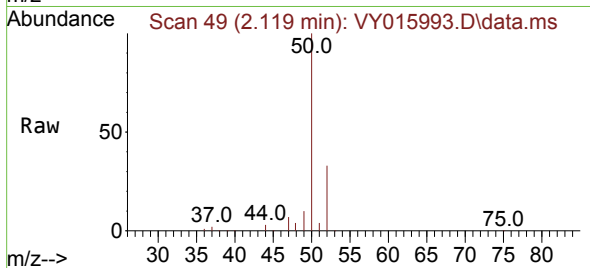
ClientSampleId :

Tgt Ion: 50 Resp: 118573

Ion Ratio Lower Upper

50 100

52 33.2 25.4 38.2



#4

Vinyl Chloride

Concen: 55.075 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.006 min

Lab File: VY015993.D

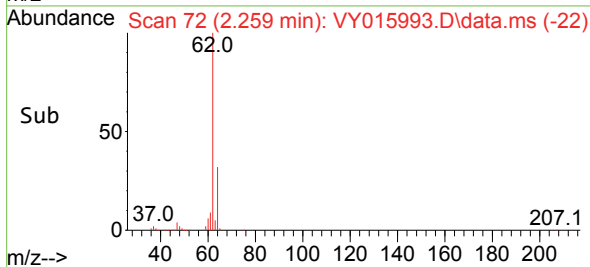
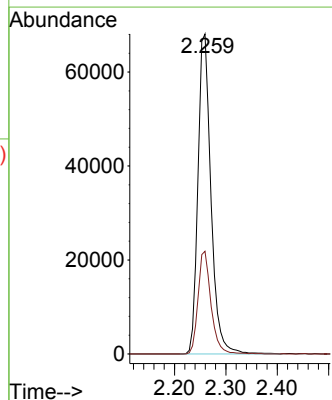
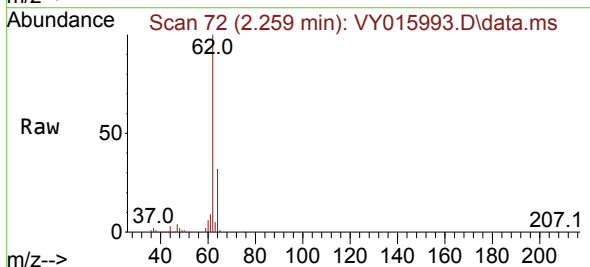
Acq: 16 Oct 2023 18:36

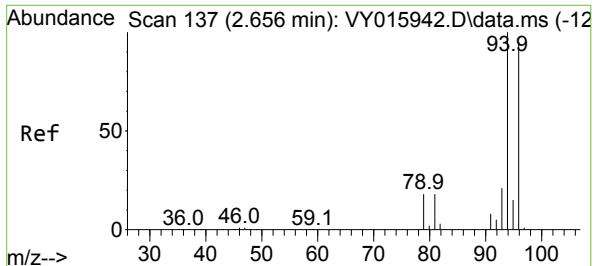
Tgt Ion: 62 Resp: 120039

Ion Ratio Lower Upper

62 100

64 32.1 24.3 36.5





#5

Bromomethane

Concen: 65.638 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.012 min

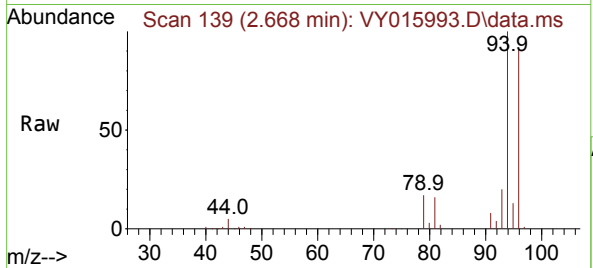
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Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

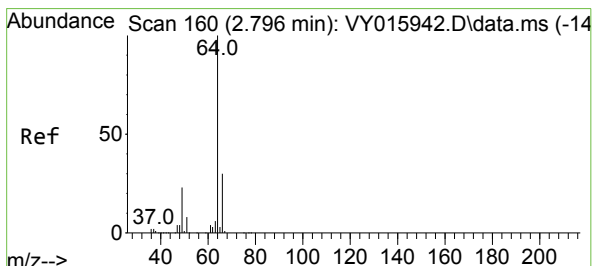
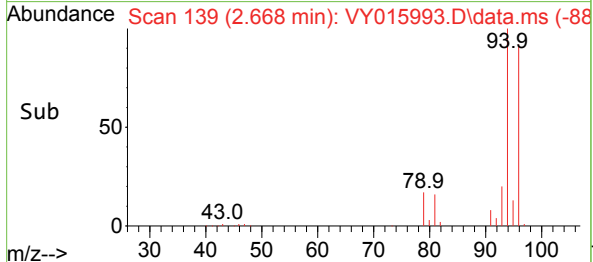
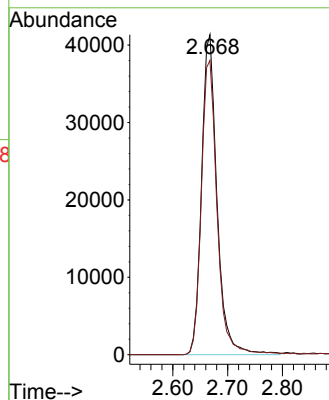


Tgt Ion: 94 Resp: 80921

Ion Ratio Lower Upper

94 100

96 92.0 75.8 113.6



#6

Chloroethane

Concen: 50.410 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.012 min

Lab File: VY015993.D

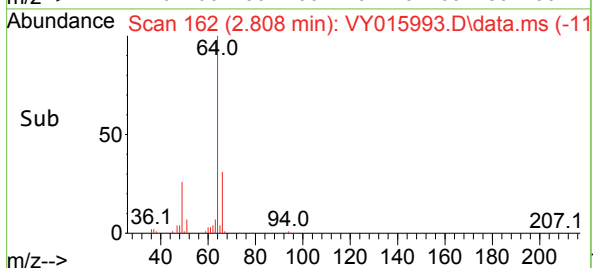
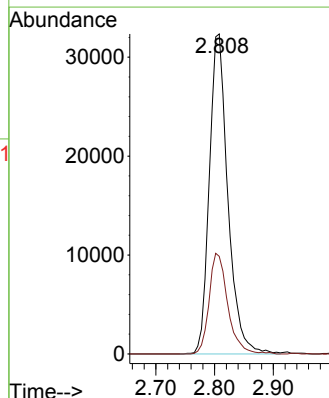
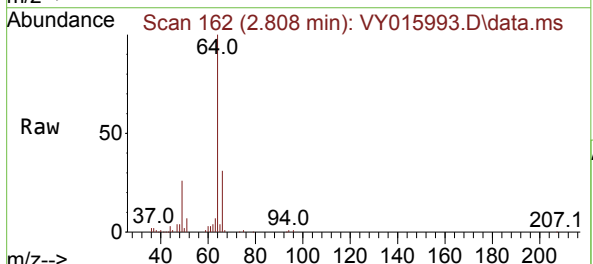
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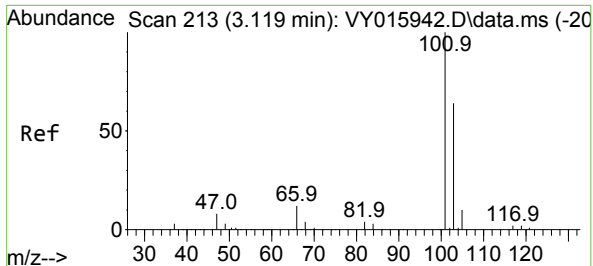
Tgt Ion: 64 Resp: 71005

Ion Ratio Lower Upper

64 100

66 30.5 24.4 36.6

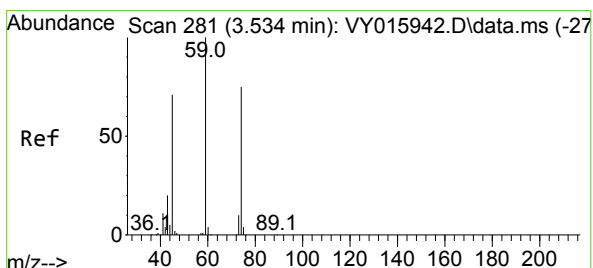
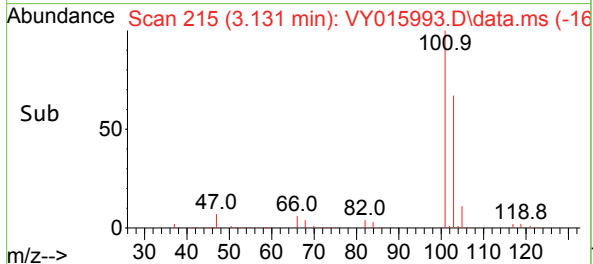
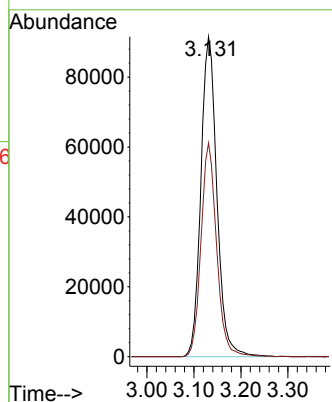
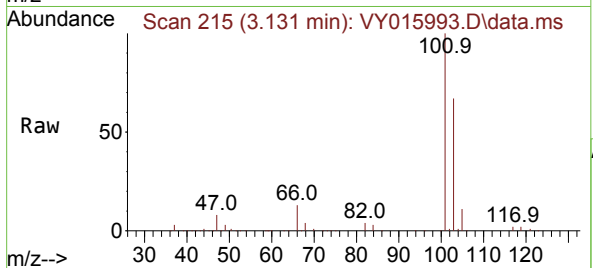




#7
 Trichlorofluoromethane
 Concen: 58.600 ug/l
 RT: 3.131 min Scan# 213
 Delta R.T. 0.012 min
 Lab File: VY015993.D
 Acq: 16 Oct 2023 18:36

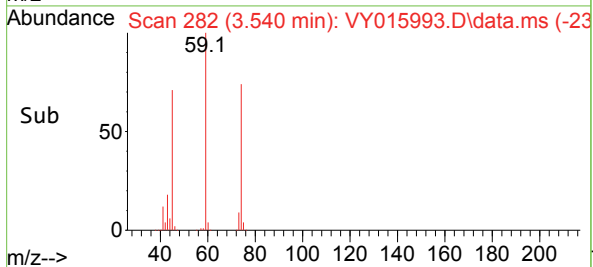
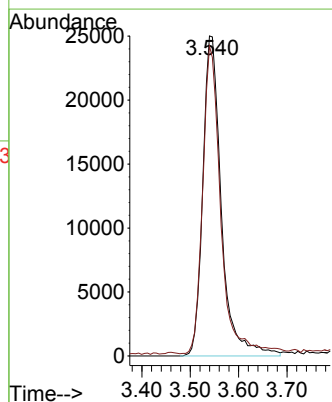
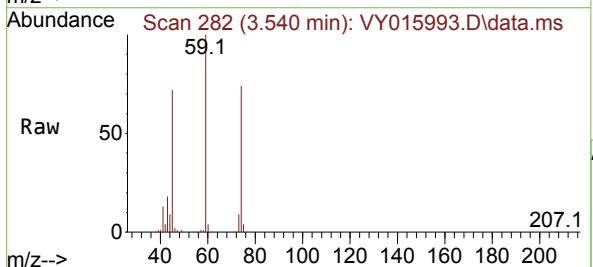
Instrument :
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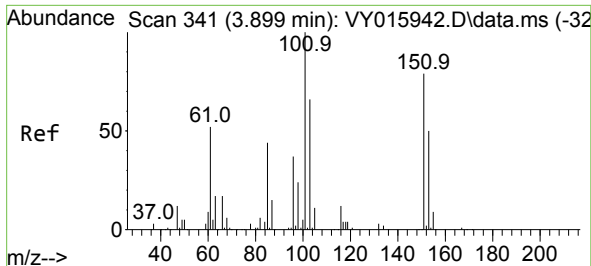
Tgt Ion:101 Resp: 216638
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 48.144 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
 Lab File: VY015993.D
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Tgt Ion: 74 Resp: 66520
 Ion Ratio Lower Upper
 74 100
 45 93.6 51.5 154.5

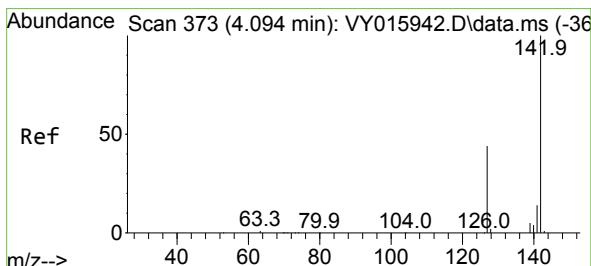
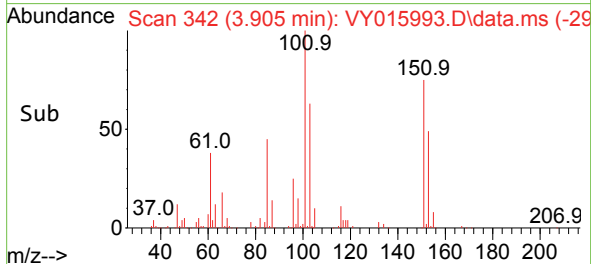
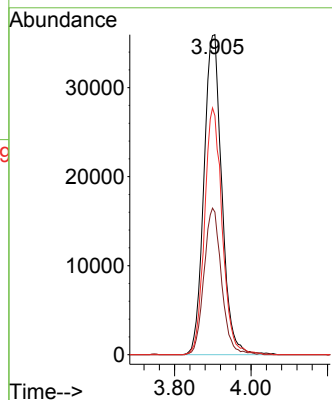
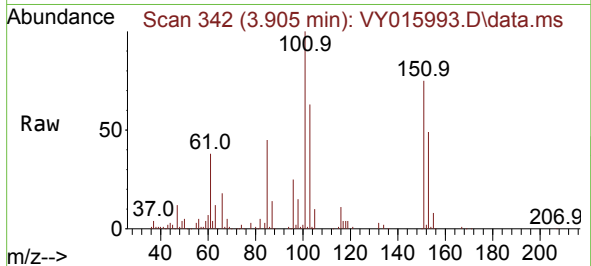




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.536 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

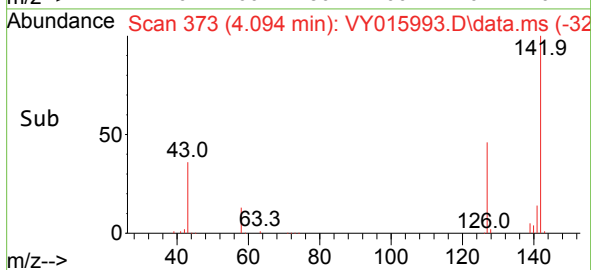
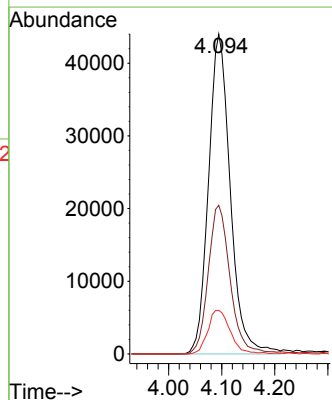
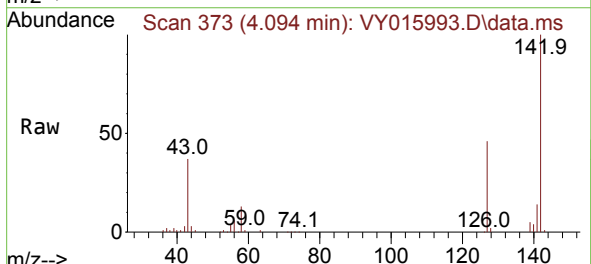
Instrument :
MSVOA_Y
ClientSampleId :

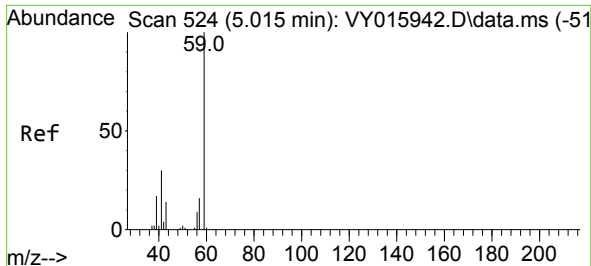
Tgt Ion:101 Resp: 116743
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 76.3 67.0 100.6



#10
Methyl Iodide
Concen: 51.959 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

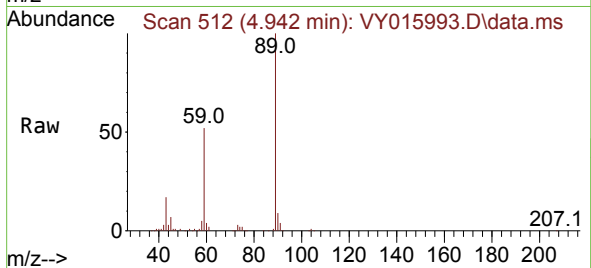
Tgt Ion:142 Resp: 125596
Ion Ratio Lower Upper
142 100
127 47.2 37.6 56.4
141 14.1 11.8 17.8



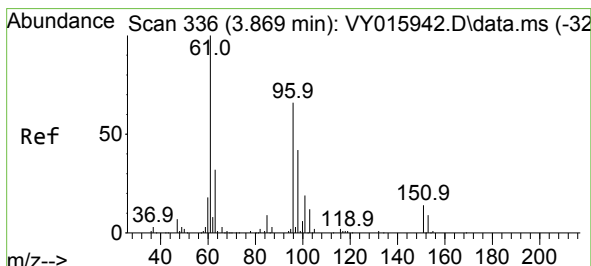
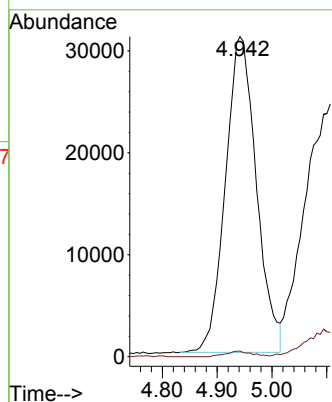
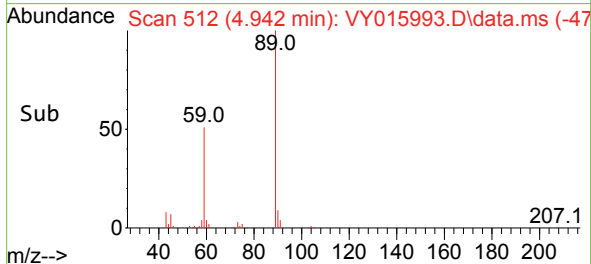


#11
Tert butyl alcohol
Concen: 90.238 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.073 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

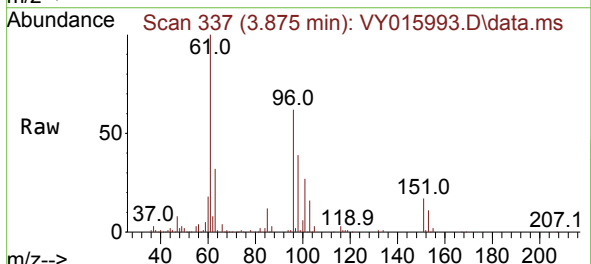
Instrument :
MSVOA_Y
ClientSampleId :



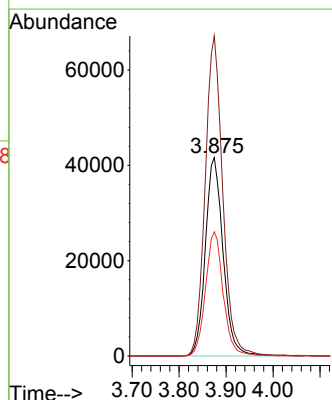
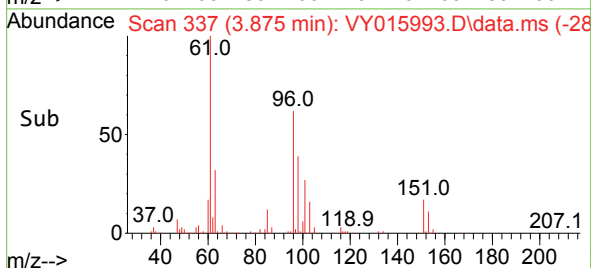
Tgt Ion: 59 Resp: 121668
Ion Ratio Lower Upper
59 100
57 1.5 3.0 4.4#

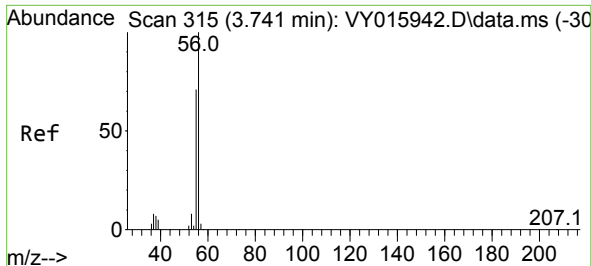


#12
1,1-Dichloroethene
Concen: 55.150 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36



Tgt Ion: 96 Resp: 109213
Ion Ratio Lower Upper
96 100
61 161.3 136.4 204.6
98 62.6 49.4 74.2

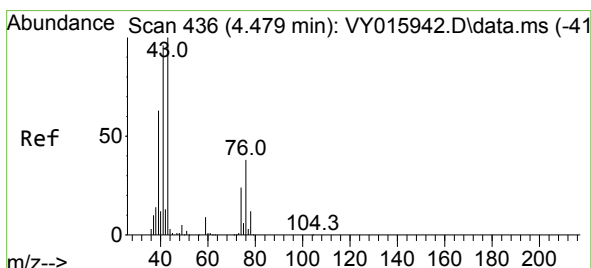
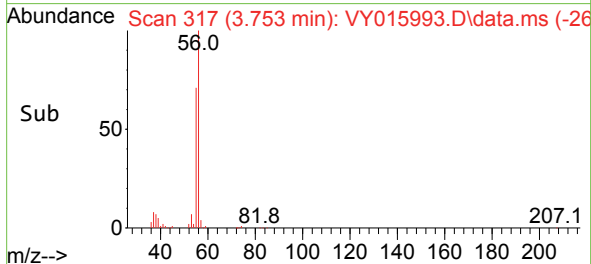
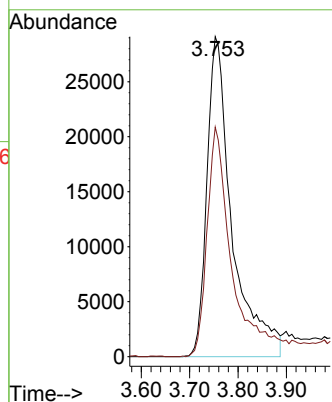
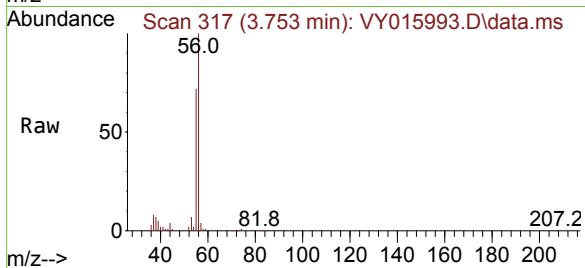




#13
Acrolein
Concen: 239.006 ug/l
RT: 3.753 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

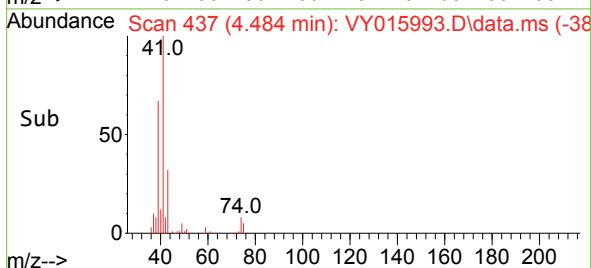
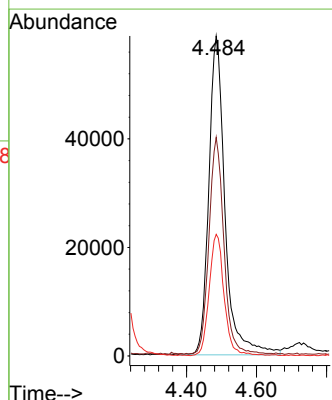
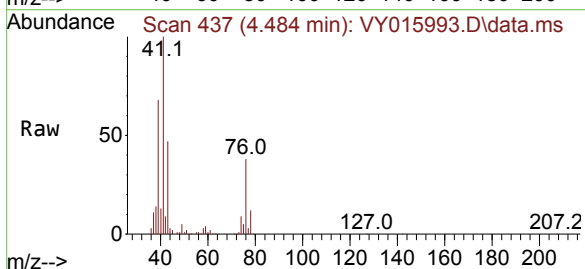
Instrument :
MSVOA_Y
ClientSampleId :

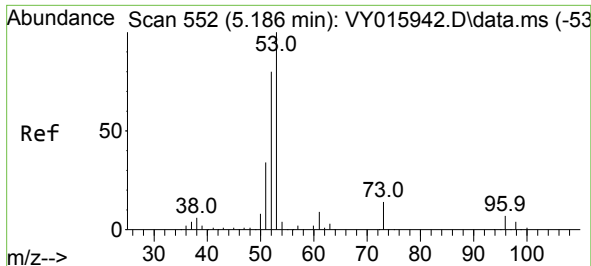
Tgt Ion: 56 Resp: 104902
Ion Ratio Lower Upper
56 100
55 71.6 57.0 85.4



#14
Allyl chloride
Concen: 59.103 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

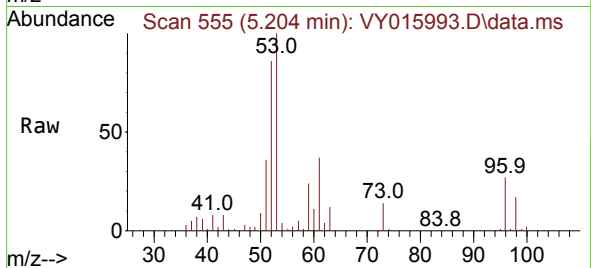
Tgt Ion: 41 Resp: 189127
Ion Ratio Lower Upper
41 100
39 62.6 58.0 87.0
76 35.1 27.4 41.2



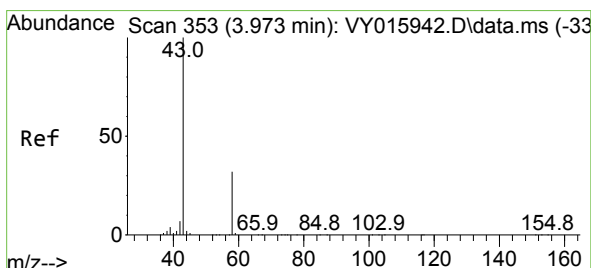
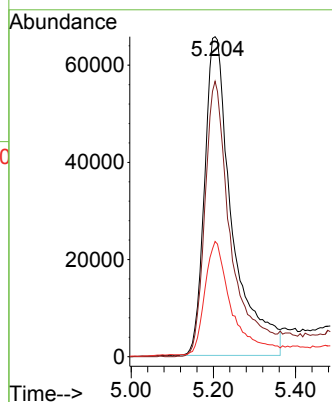
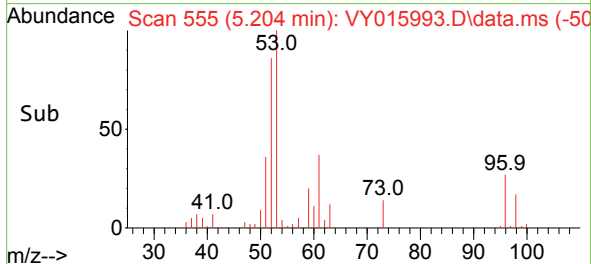


#15
Acrylonitrile
Concen: 251.994 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Instrument :
MSVOA_Y
ClientSampleId :

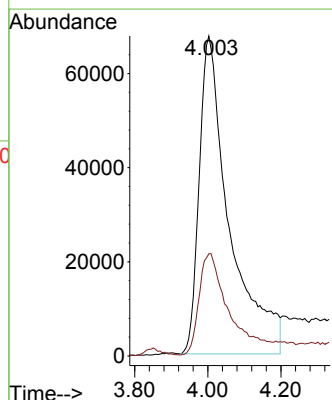
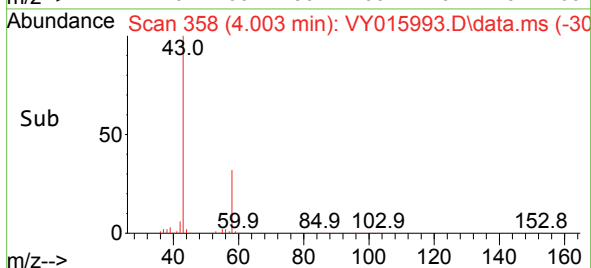
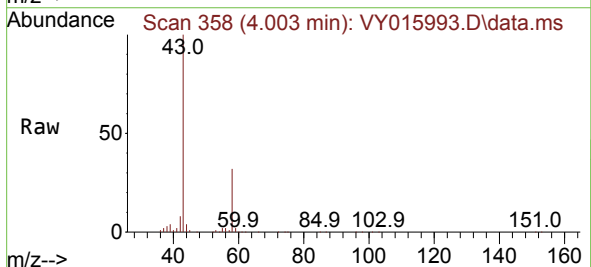


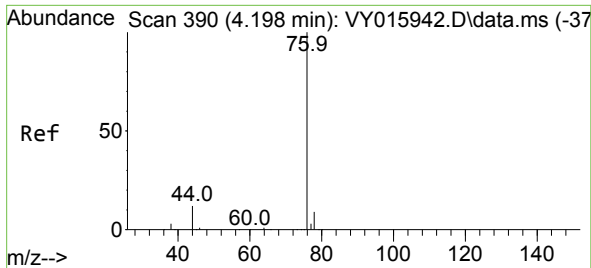
Tgt Ion: 53 Resp: 306722
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 34.5 29.8 44.6



#16
Acetone
Concen: 286.311 ug/l
RT: 4.003 min Scan# 358
Delta R.T. 0.030 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Tgt Ion: 43 Resp: 386506
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1

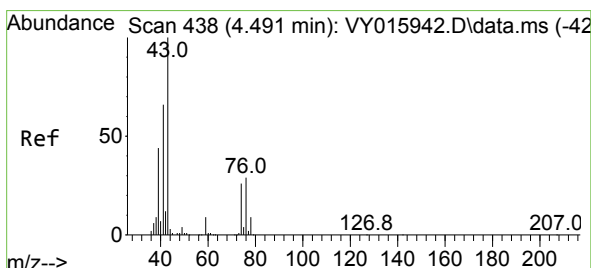
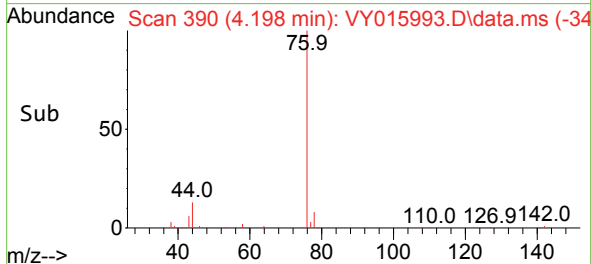
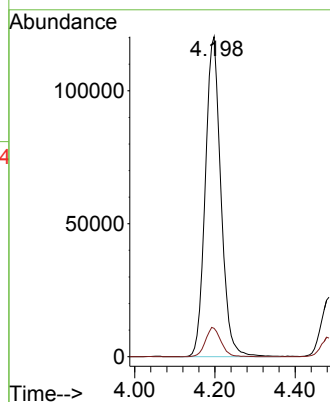
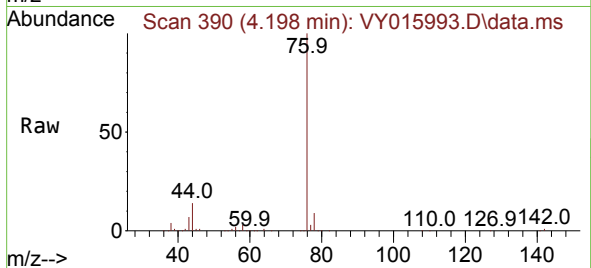




#17
Carbon Disulfide
Concen: 53.695 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

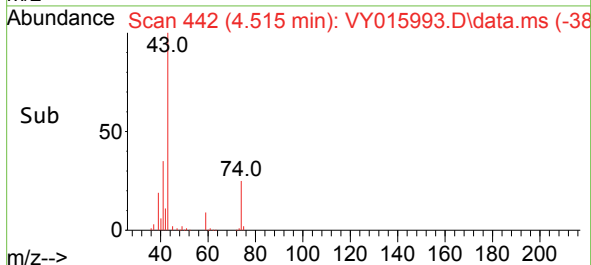
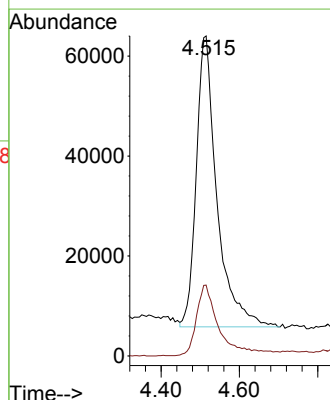
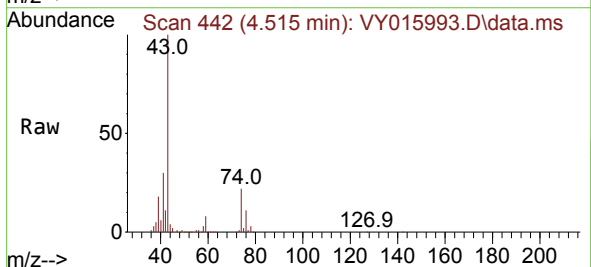
Instrument :
MSVOA_Y
ClientSampleId :

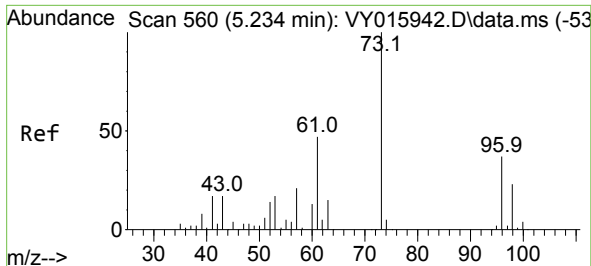
Tgt Ion: 76 Resp: 324999
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 45.623 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.024 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Tgt Ion: 43 Resp: 213631
Ion Ratio Lower Upper
43 100
74 26.9 17.4 26.0#

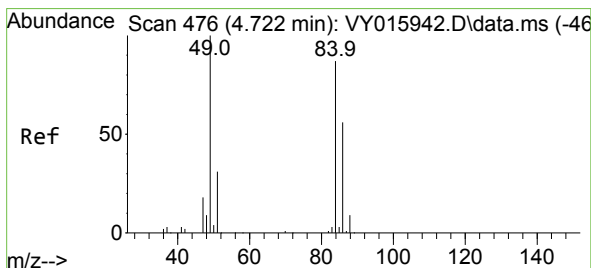
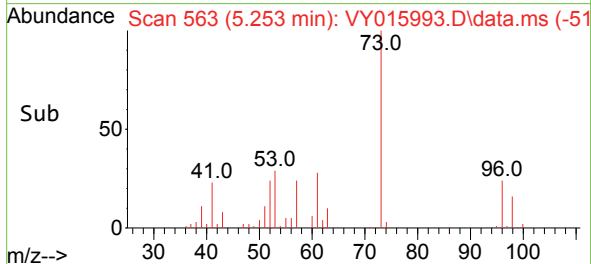
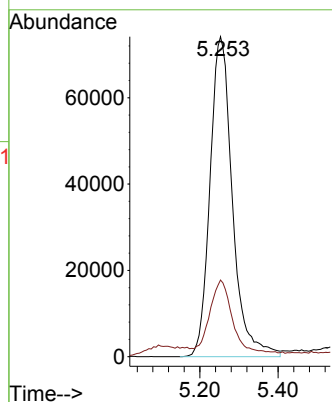
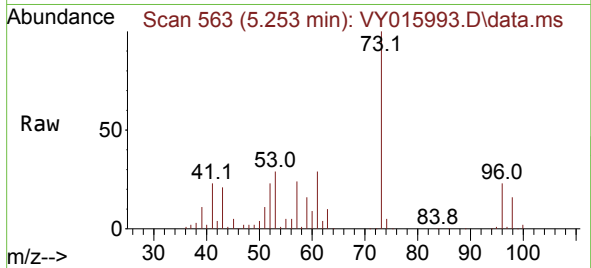




#19
Methyl tert-butyl Ether
Concen: 44.397 ug/l
RT: 5.253 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

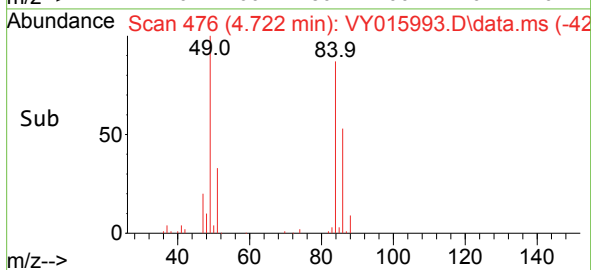
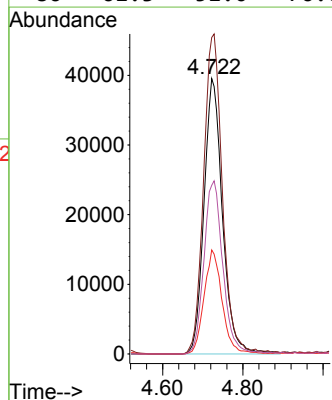
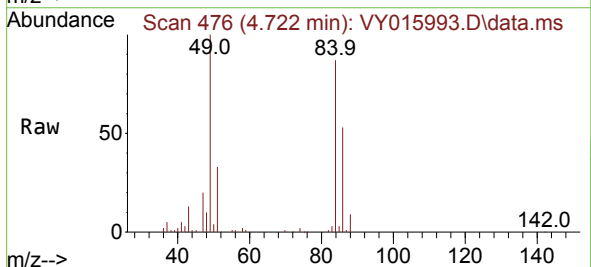
Instrument :
MSVOA_Y
ClientSampleId :

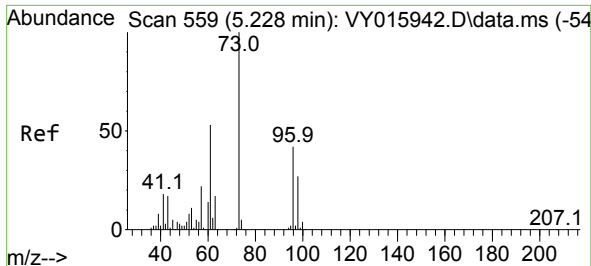
Tgt Ion: 73 Resp: 294729
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#20
Methylene Chloride
Concen: 49.016 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

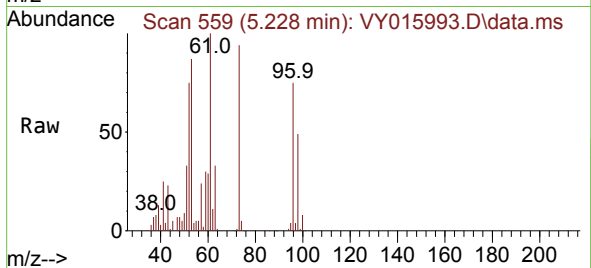
Tgt Ion: 84 Resp: 126542
Ion Ratio Lower Upper
84 100
49 114.9 106.9 160.3
51 37.8 33.2 49.8
86 61.3 51.0 76.6



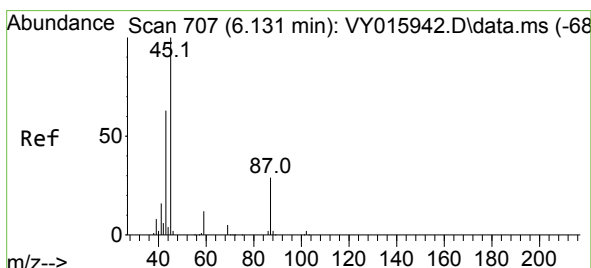
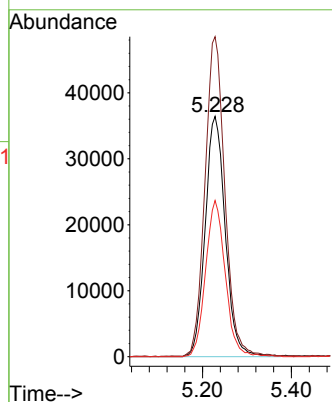
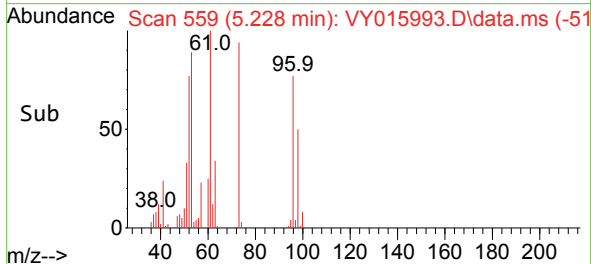


#21
trans-1,2-Dichloroethene
Concen: 49.621 ug/l
RT: 5.228 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Instrument :
MSVOA_Y
ClientSampleId :

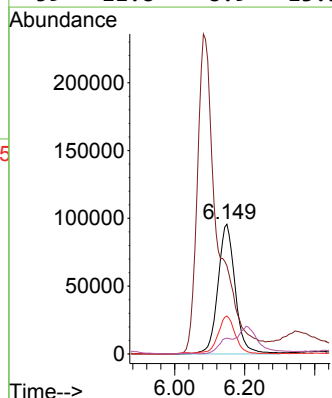
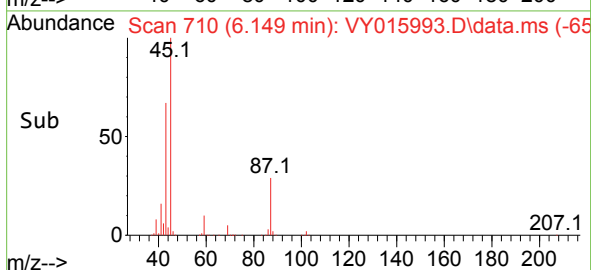
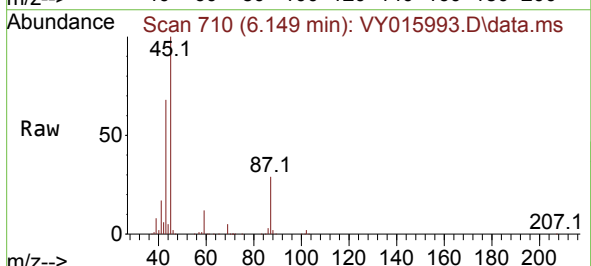


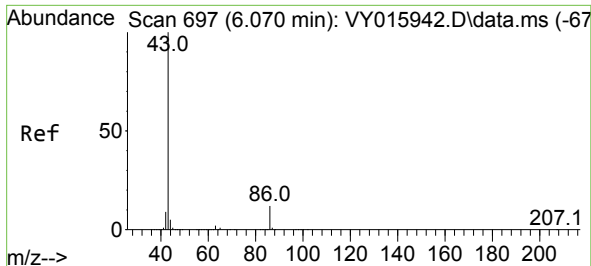
Tgt Ion: 96 Resp: 114858
Ion Ratio Lower Upper
96 100
61 132.9 110.2 165.4
98 65.0 51.8 77.6



#22
Diisopropyl ether
Concen: 49.432 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.018 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Tgt Ion: 45 Resp: 328474
Ion Ratio Lower Upper
45 100
43 67.7 52.2 78.4
87 28.8 21.0 31.6
59 11.8 8.9 13.3

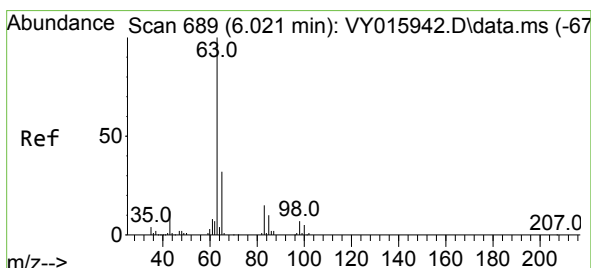
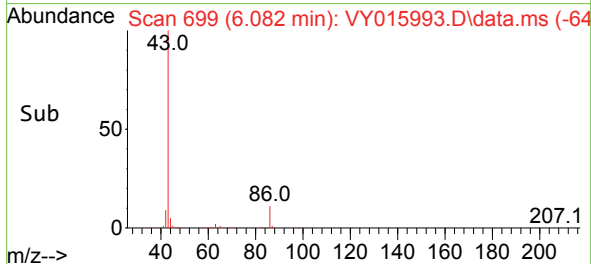
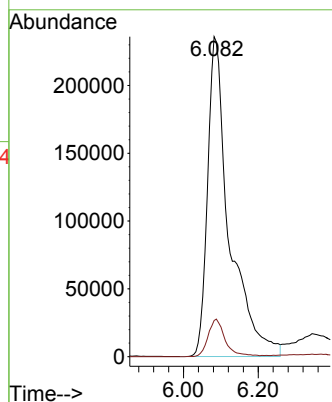
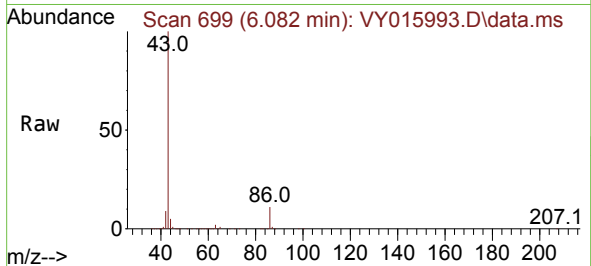




#23
 Vinyl Acetate
 Concen: 218.471 ug/l
 RT: 6.082 min Scan# 697
 Delta R.T. 0.012 min
 Lab File: VY015993.D
 Acq: 16 Oct 2023 18:36

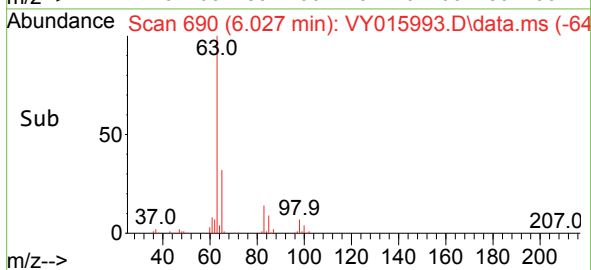
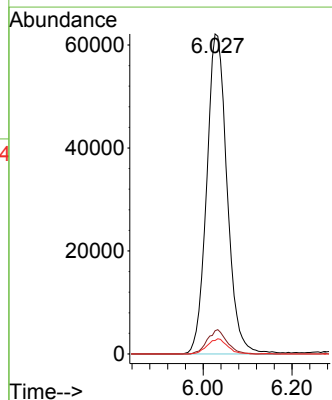
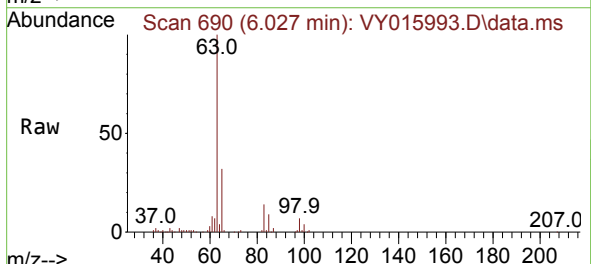
Instrument :
 MSVOA_Y
 ClientSampleId :

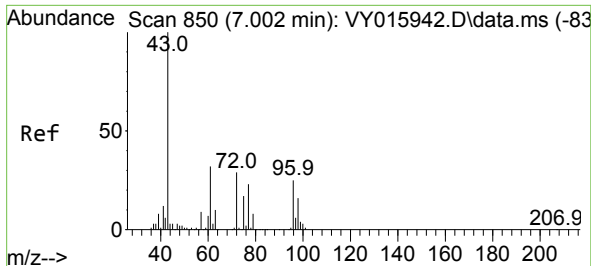
Tgt Ion: 43 Resp: 955051
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 50.124 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY015993.D
 Acq: 16 Oct 2023 18:36

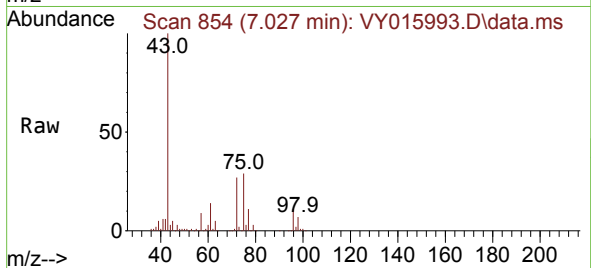
Tgt Ion: 63 Resp: 198173
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.2 1.8 5.5



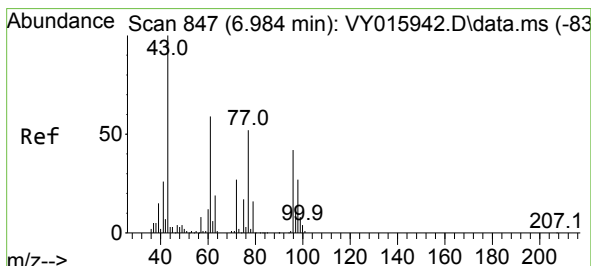
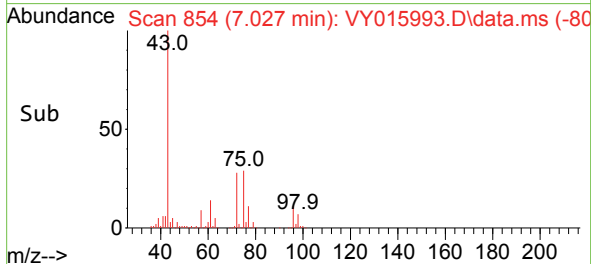
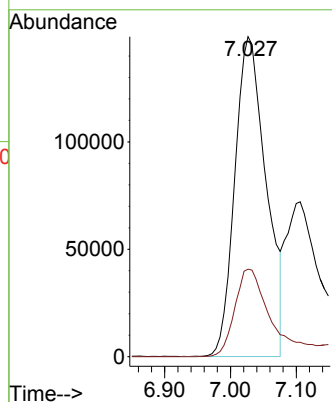


#25
2-Butanone
Concen: 250.387 ug/l
RT: 7.027 min Scan# 850
Delta R.T. 0.024 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Instrument :
MSVOA_Y
ClientSampleId :

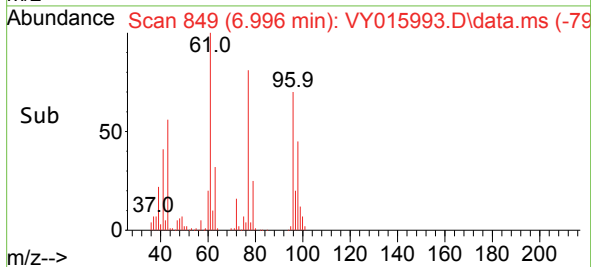
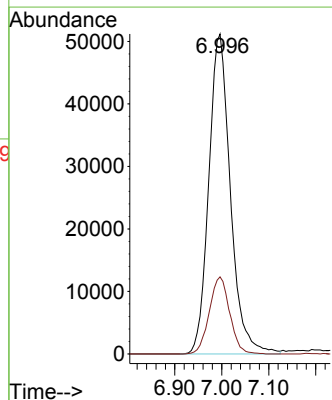
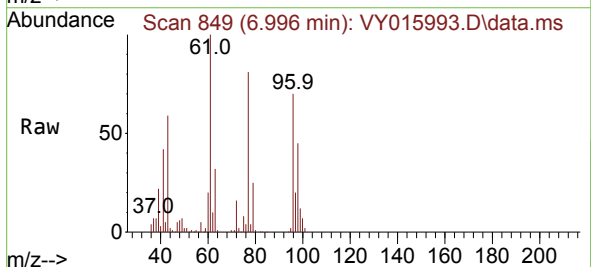


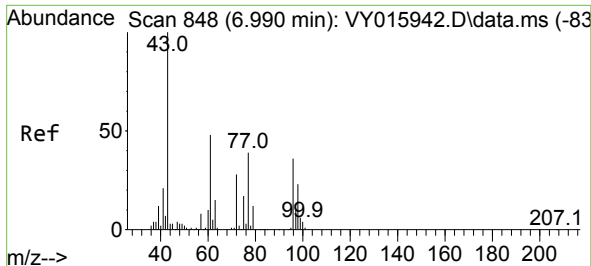
Tgt Ion: 43 Resp: 491946
Ion Ratio Lower Upper
43 100
72 27.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 49.823 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Tgt Ion: 77 Resp: 163570
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.371 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.012 min

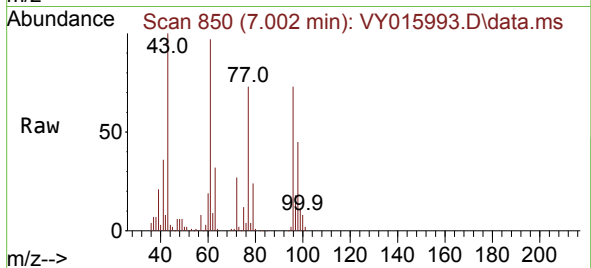
Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :



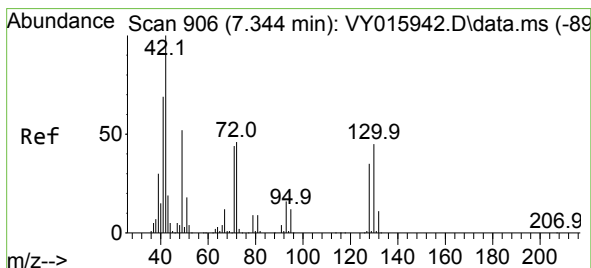
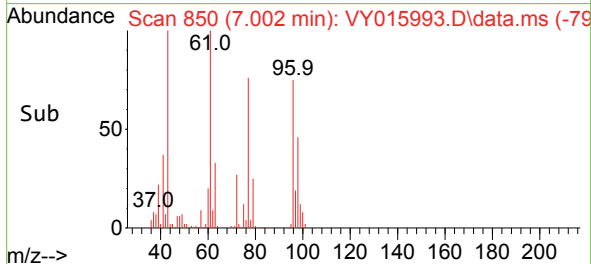
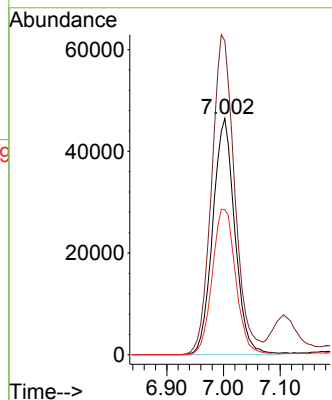
Tgt Ion: 96 Resp: 125893

Ion Ratio Lower Upper

96 100

61 141.4 0.0 301.4

98 65.5 0.0 130.4



#28

Bromochloromethane

Concen: 48.154 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

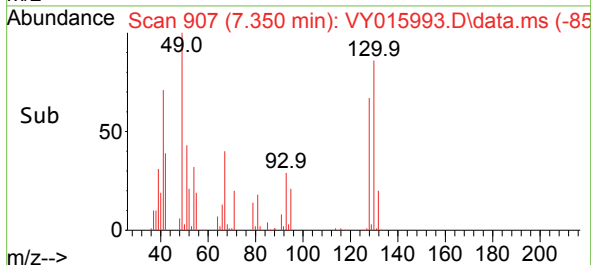
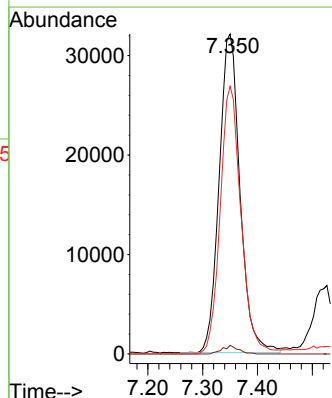
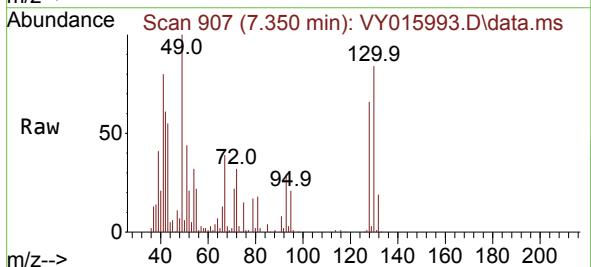
Tgt Ion: 49 Resp: 84959

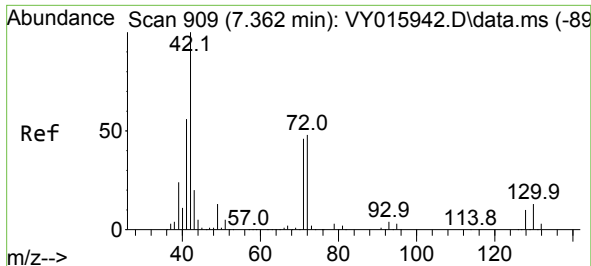
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 83.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 248.222 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.018 min

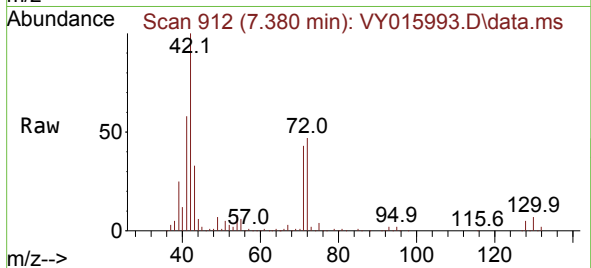
Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :



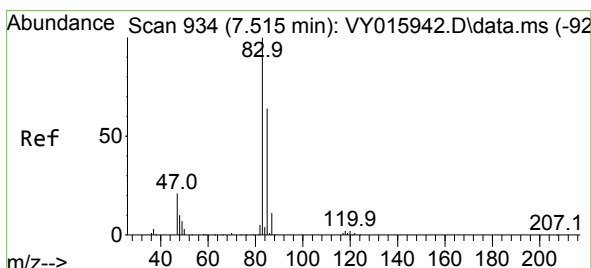
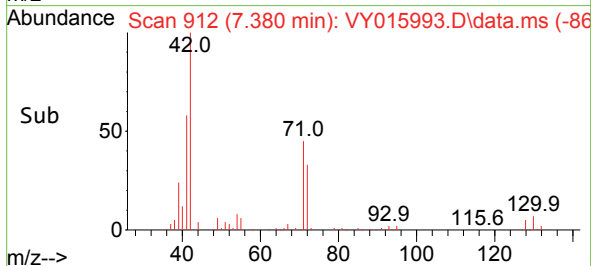
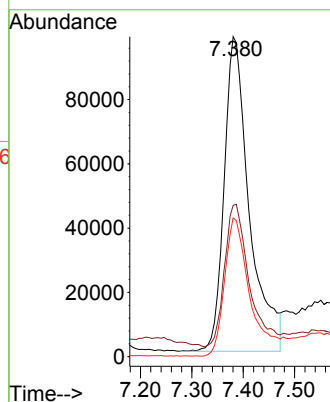
Tgt Ion: 42 Resp: 334304

Ion Ratio Lower Upper

42 100

72 44.2 32.8 49.2

71 44.0 31.0 46.4



#30

Chloroform

Concen: 50.021 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY015993.D

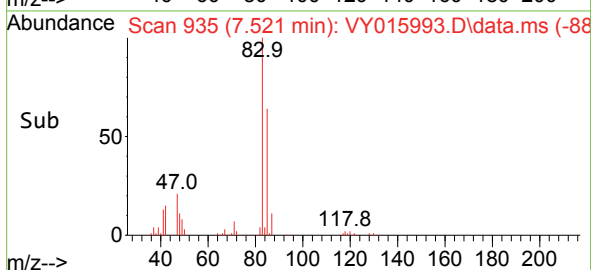
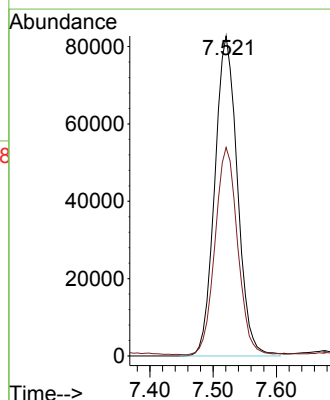
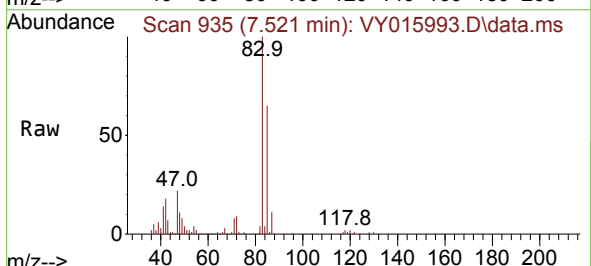
Acq: 16 Oct 2023 18:36

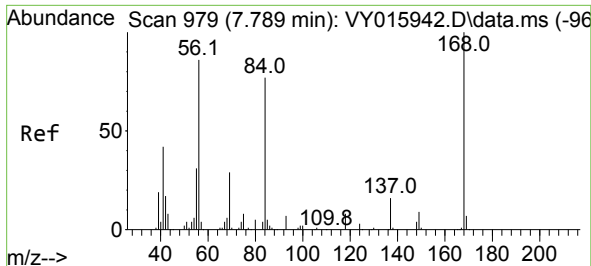
Tgt Ion: 83 Resp: 205265

Ion Ratio Lower Upper

83 100

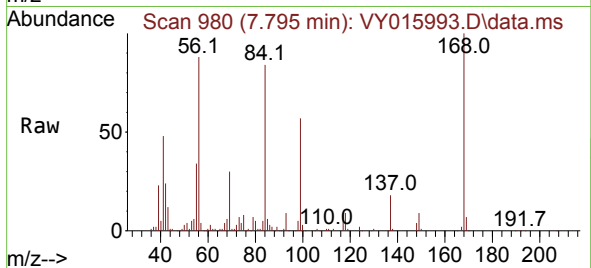
85 64.7 49.7 74.5



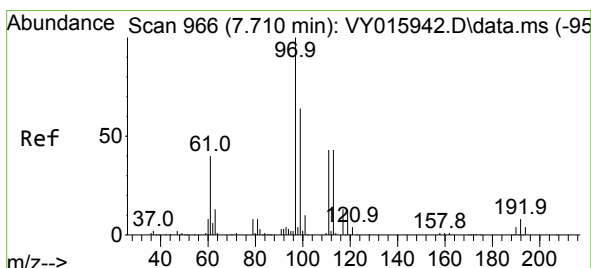
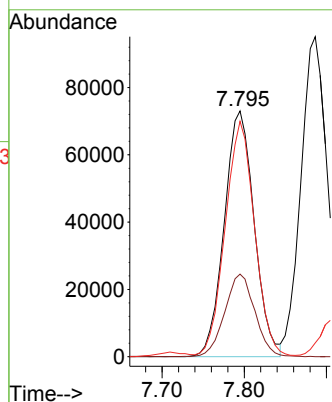
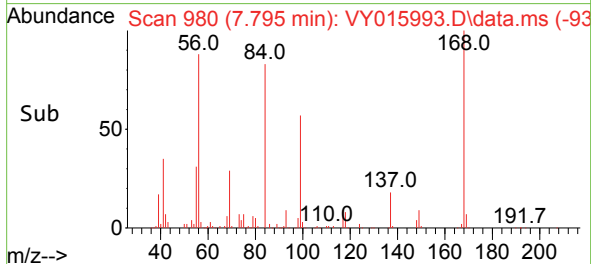


#31
Cyclohexane
Concen: 50.080 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Instrument :
MSVOA_Y
ClientSampleId :

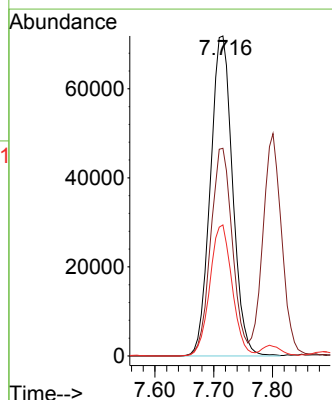
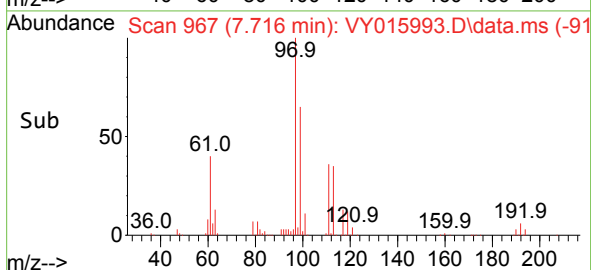
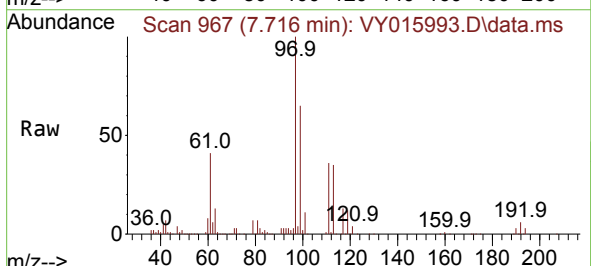


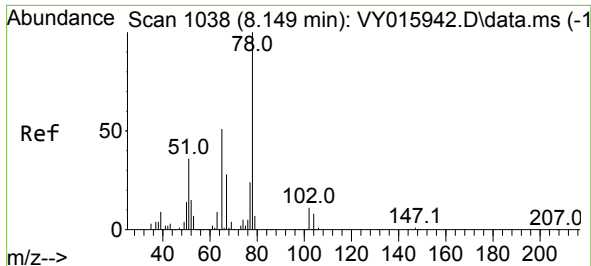
Tgt Ion: 56 Resp: 185266
Ion Ratio Lower Upper
56 100
69 33.5 27.8 41.6
84 94.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.690 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Tgt Ion: 97 Resp: 188652
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 41.1 35.1 52.7

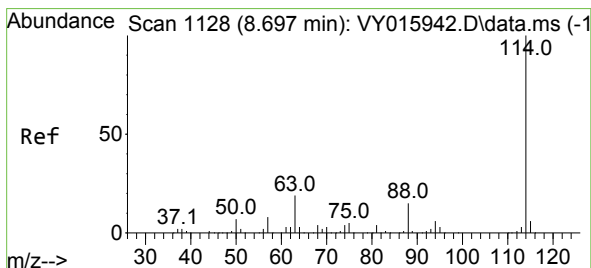
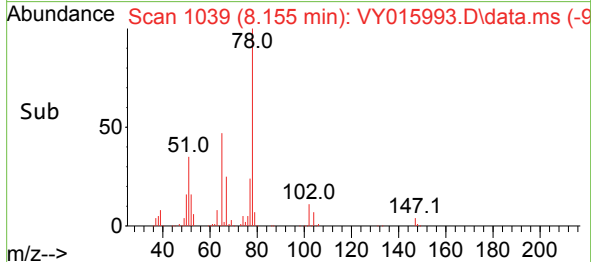
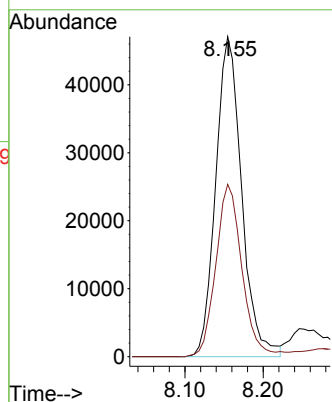
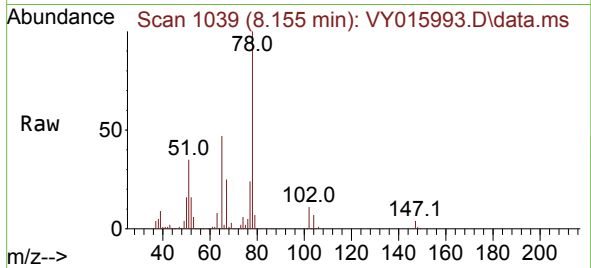




#33
 1,2-Dichloroethane-d4
 Concen: 46.701 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VY015993.D
 Acq: 16 Oct 2023 18:36

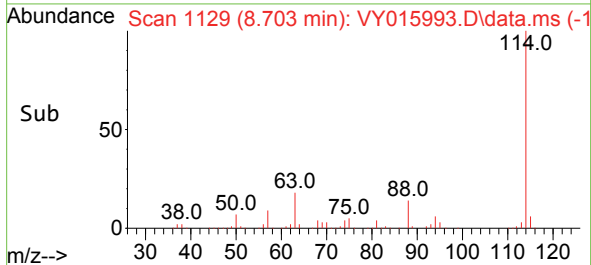
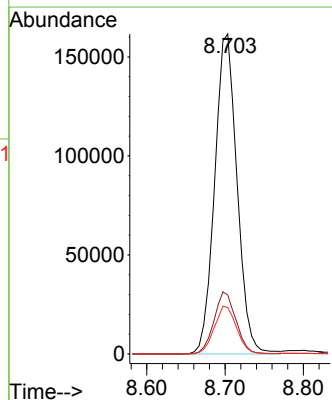
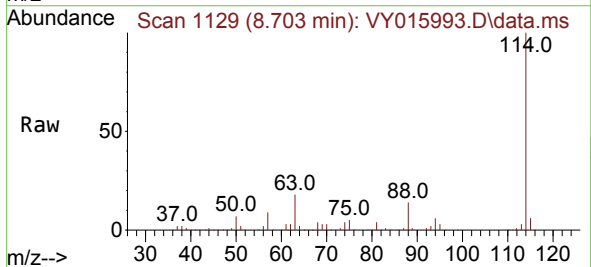
Instrument :
 MSVOA_Y
 ClientSampleId :

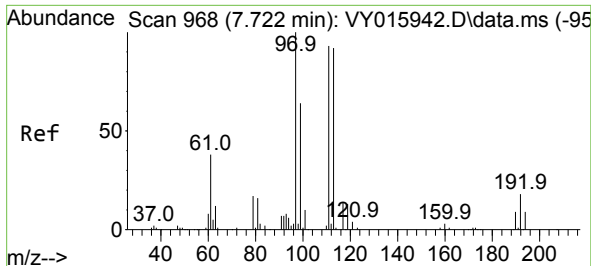
Tgt Ion: 65 Resp: 108531
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VY015993.D
 Acq: 16 Oct 2023 18:36

Tgt Ion: 114 Resp: 320873
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 42.4
 88 14.5 0.0 30.6

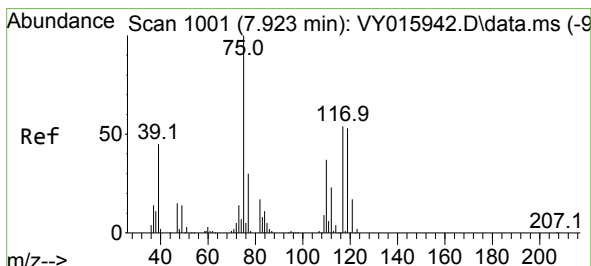
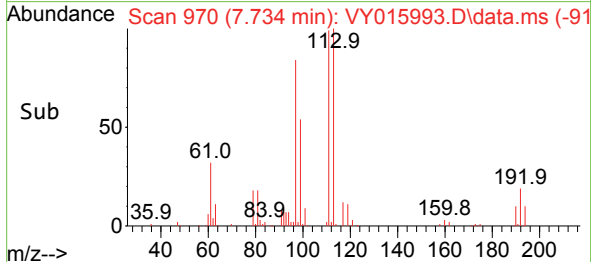
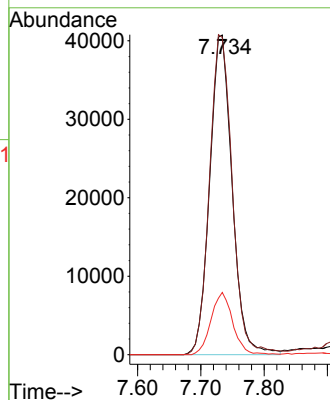
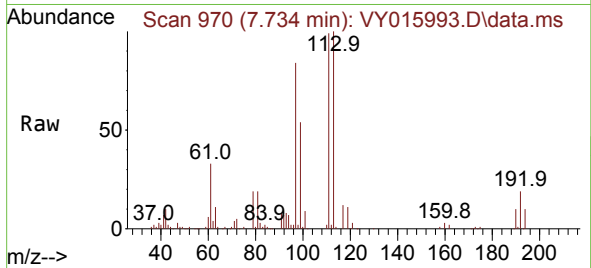




#35
Dibromofluoromethane
Concen: 49.720 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

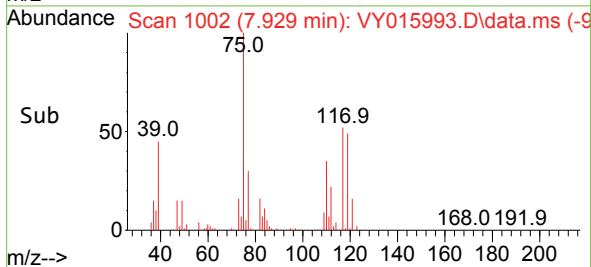
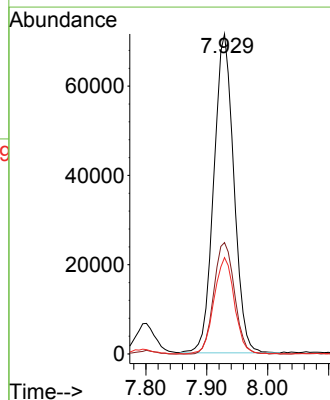
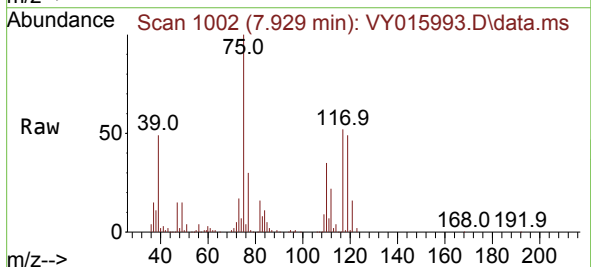
Instrument :
MSVOA_Y
ClientSampleId :

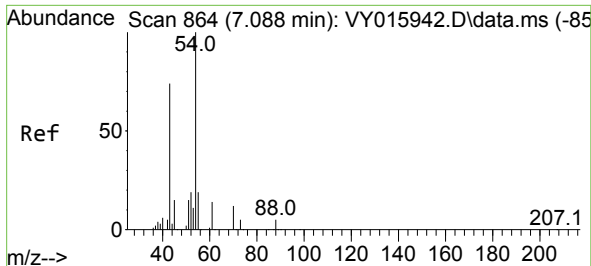
Tgt Ion:113 Resp: 100437
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 53.547 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Tgt Ion: 75 Resp: 163214
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 31.798 ug/l

RT: 7.106 min Scan# 8

Delta R.T. 0.018 min

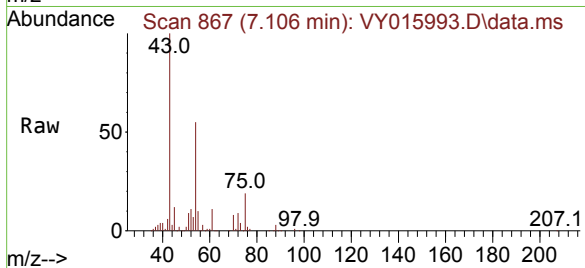
Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :



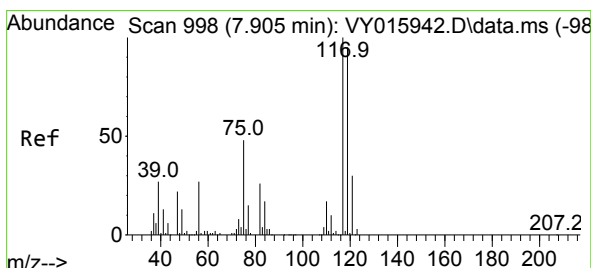
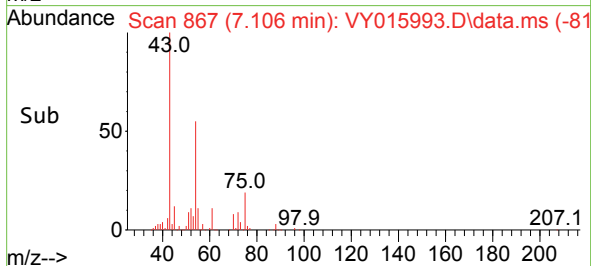
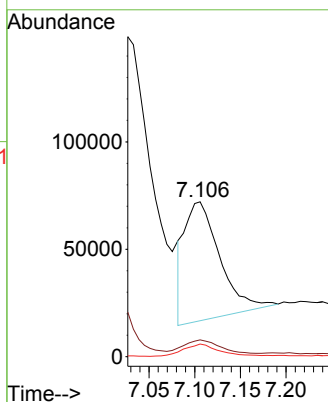
Tgt Ion: 43 Resp: 149544

Ion Ratio Lower Upper

43 100

61 12.2 10.1 15.1

70 10.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 53.141 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

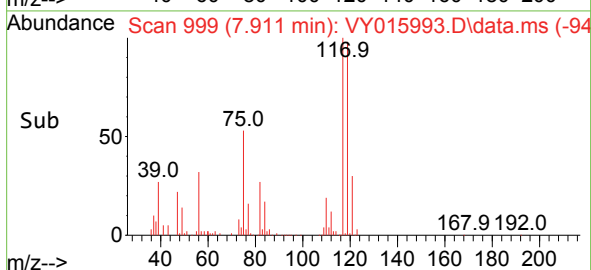
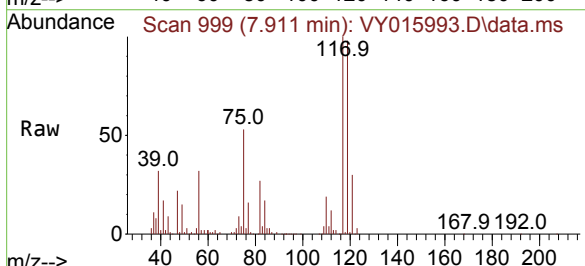
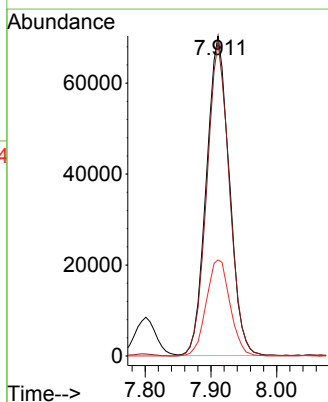
Tgt Ion: 117 Resp: 170583

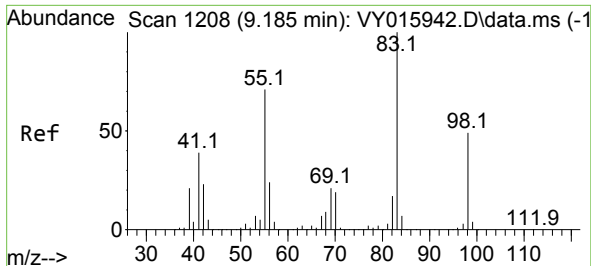
Ion Ratio Lower Upper

117 100

119 97.9 76.4 114.6

121 30.1 25.8 38.6





#39

Methylcyclohexane

Concen: 53.738 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

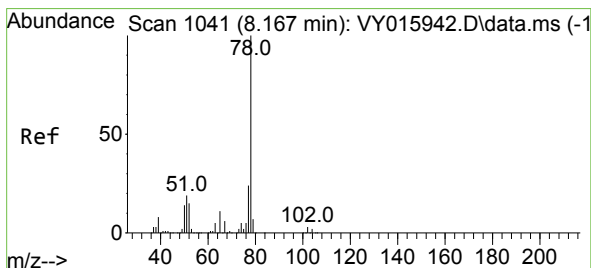
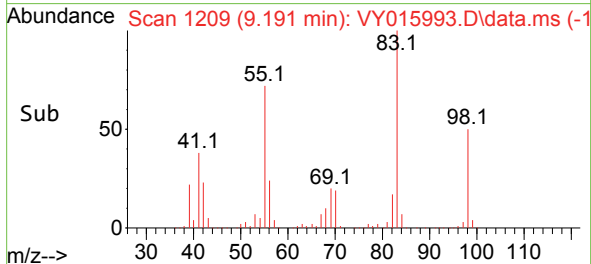
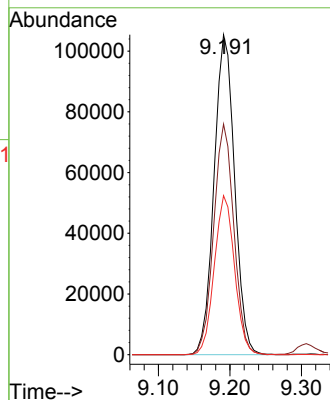
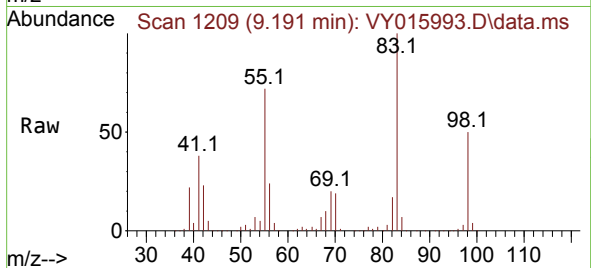
Tgt Ion: 83 Resp: 210148

Ion Ratio Lower Upper

83 100

55 72.1 63.0 94.4

98 49.7 37.4 56.2



#40

Benzene

Concen: 52.177 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY015993.D

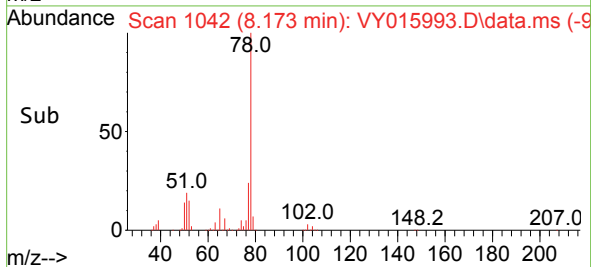
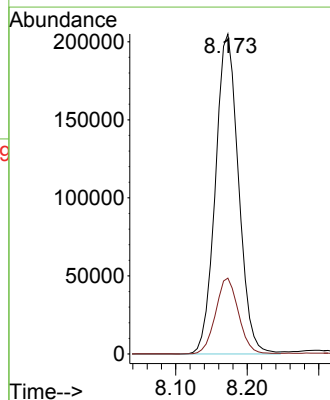
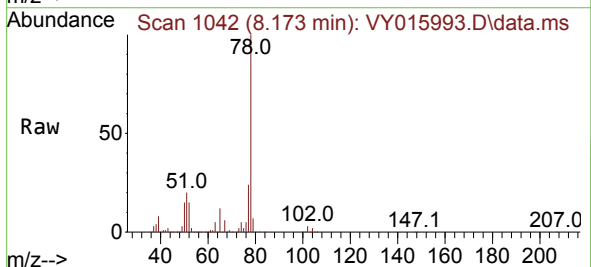
Acq: 16 Oct 2023 18:36

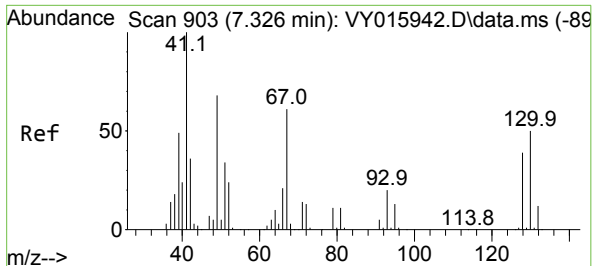
Tgt Ion: 78 Resp: 460156

Ion Ratio Lower Upper

78 100

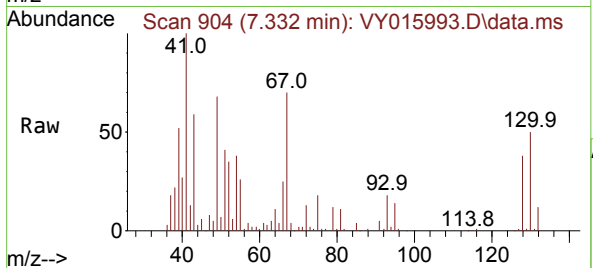
77 23.7 19.0 28.6



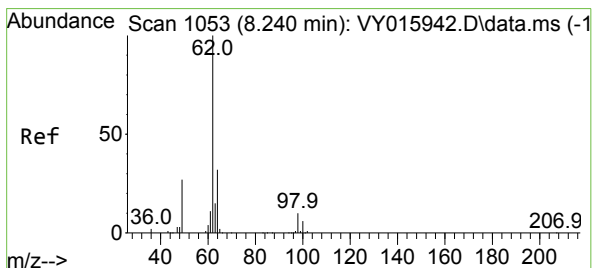
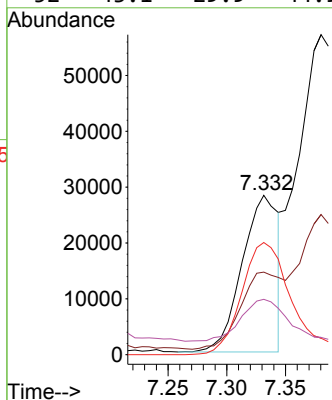
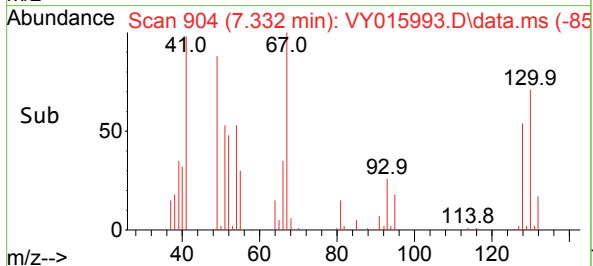


#41
Methacrylonitrile
Concen: 38.479 ug/l
RT: 7.332 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Instrument :
MSVOA_Y
ClientSampleId :

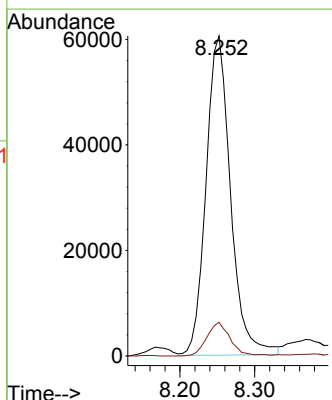
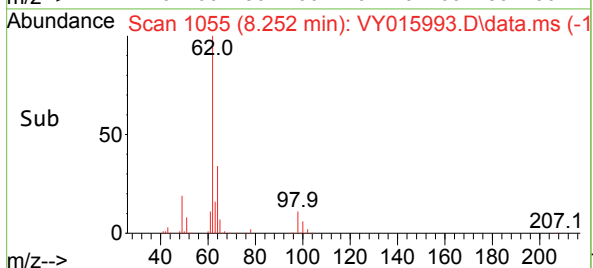
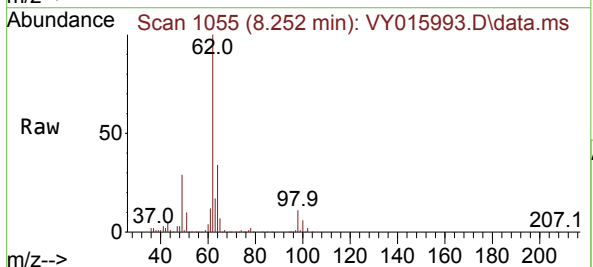


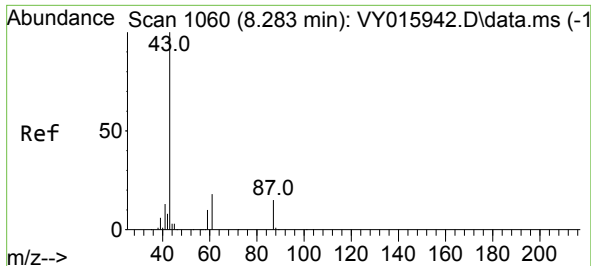
Tgt Ion:	41	Resp:	59668
Ion Ratio	Lower	Upper	
41	100		
39	59.4	52.1	78.1
67	105.0	66.2	99.2#
52	43.1	29.9	44.9



#42
1,2-Dichloroethane
Concen: 48.876 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.012 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

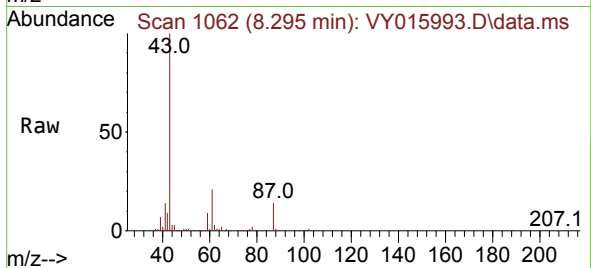
Tgt Ion:	62	Resp:	138307
Ion Ratio	Lower	Upper	
62	100		
98	10.0	0.0	15.8



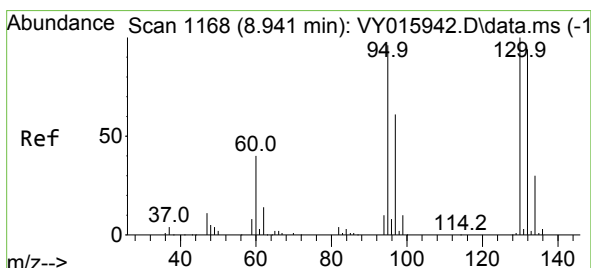
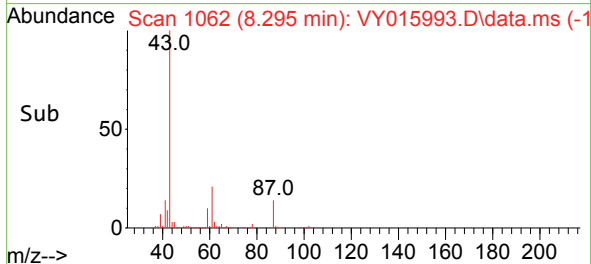
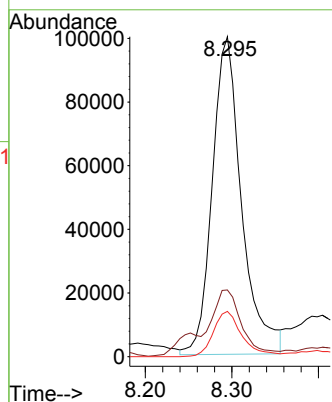


#43
Isopropyl Acetate
Concen: 46.543 ug/l
RT: 8.295 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Instrument :
MSVOA_Y
ClientSampleId :

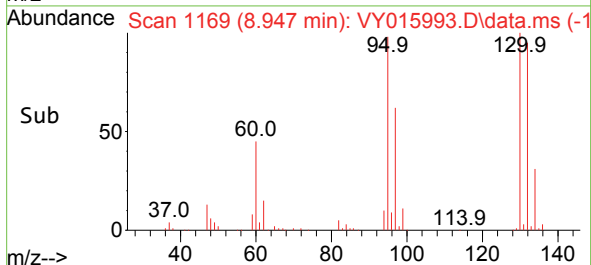
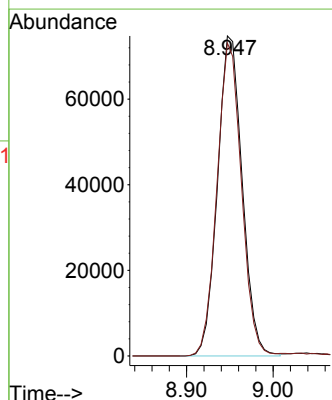
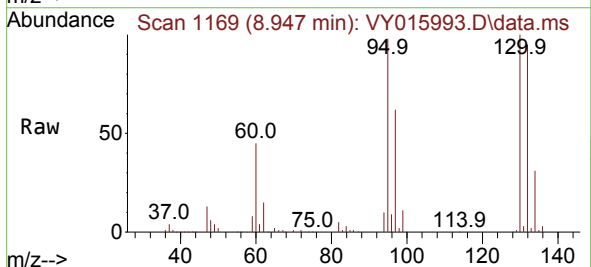


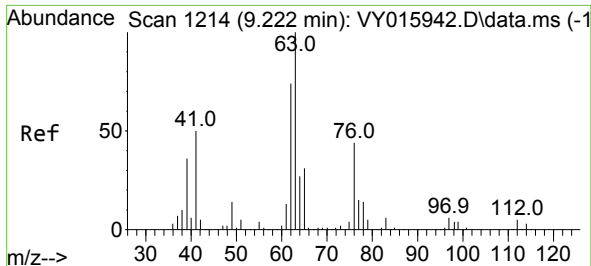
Tgt Ion: 43 Resp: 235155
Ion Ratio Lower Upper
43 100
61 21.0 21.1 31.7#
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 54.484 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Tgt Ion:130 Resp: 148073
Ion Ratio Lower Upper
130 100
95 97.8 0.0 196.0

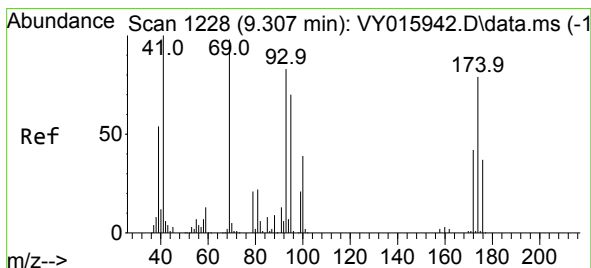
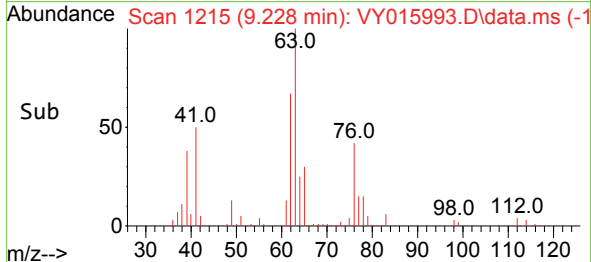
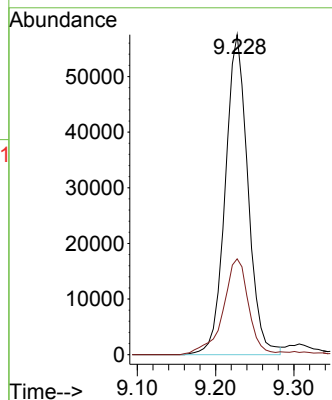
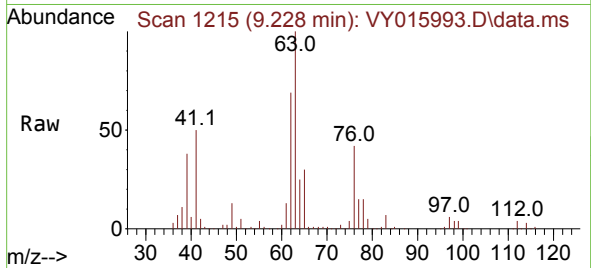




#45
1,2-Dichloropropane
Concen: 51.287 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

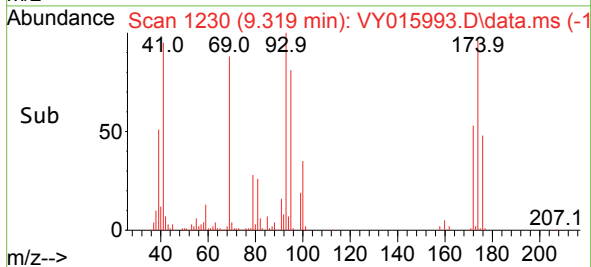
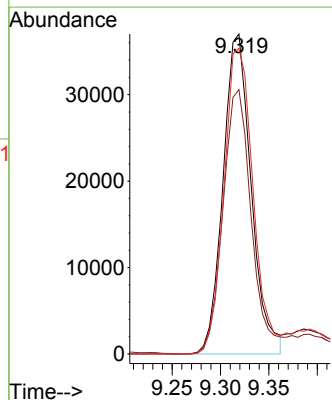
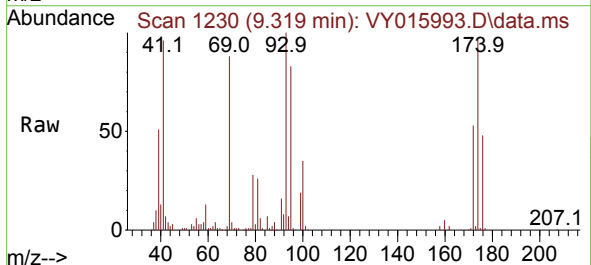
Instrument :
MSVOA_Y
ClientSampleId :

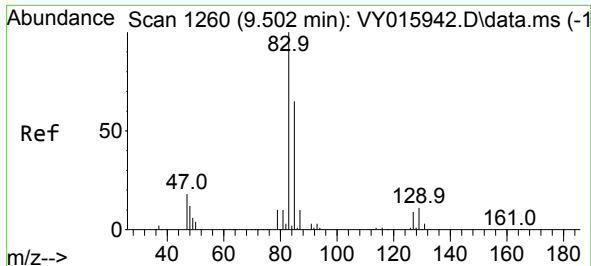
Tgt Ion: 63 Resp: 115415
Ion Ratio Lower Upper
63 100
65 29.9 23.8 35.6



#46
Dibromomethane
Concen: 47.374 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Tgt Ion: 93 Resp: 74936
Ion Ratio Lower Upper
93 100
95 84.1 66.6 100.0
174 98.8 84.8 127.2

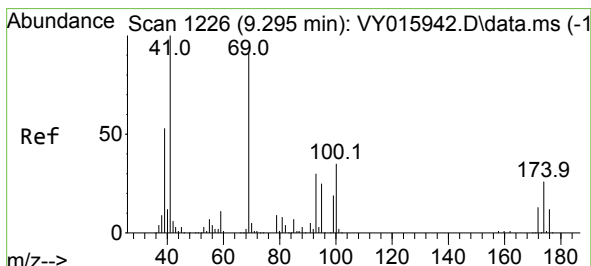
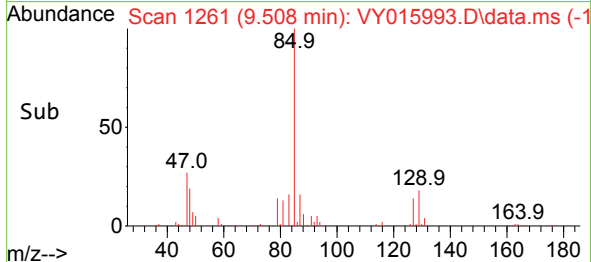
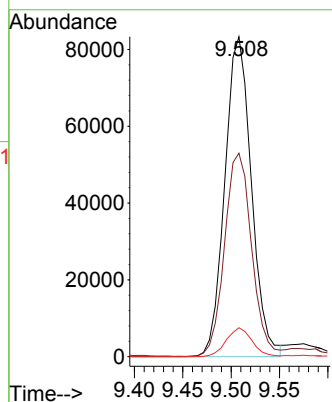
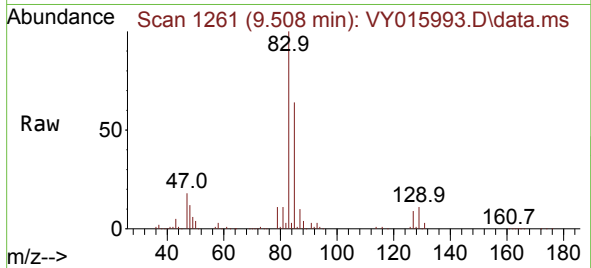




#47
Bromodichloromethane
Concen: 49.896 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

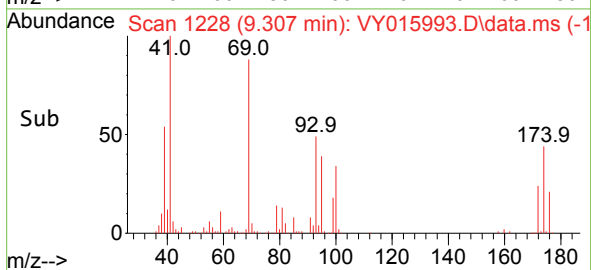
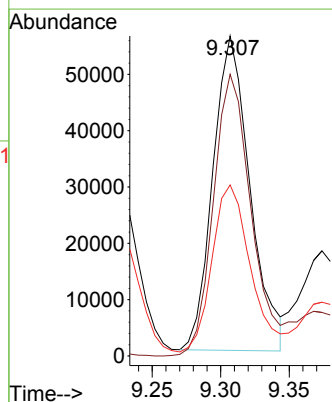
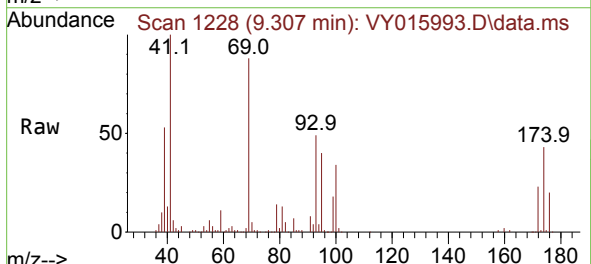
Instrument :
MSVOA_Y
ClientSampleId :

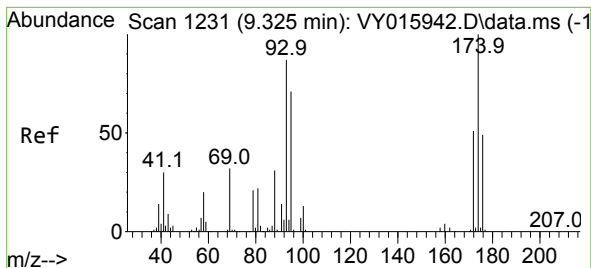
Tgt Ion: 83 Resp: 159376
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 47.180 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Tgt Ion: 41 Resp: 105292
Ion Ratio Lower Upper
41 100
69 91.0 64.5 96.7
39 54.7 50.8 76.2





#49

1,4-Dioxane

Concen: 1978.533 ug/l

RT: 9.368 min Scan# 1

Delta R.T. 0.043 min

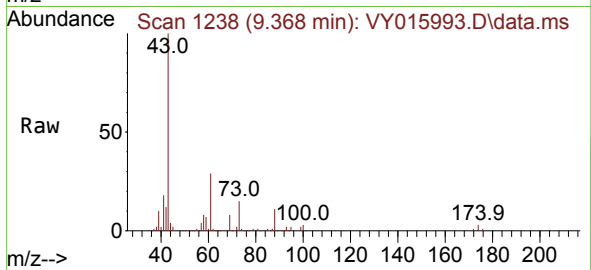
Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :



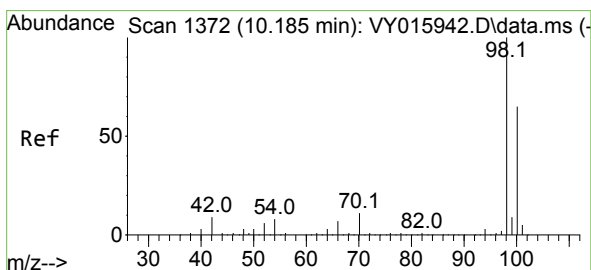
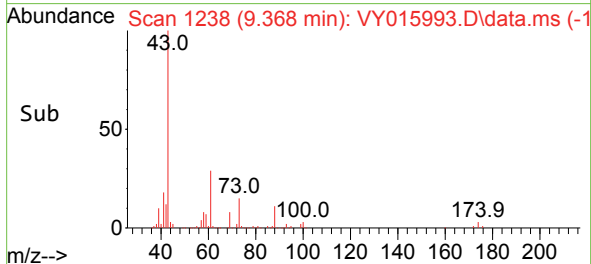
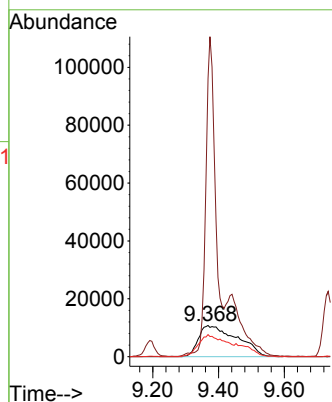
Tgt Ion: 88 Resp: 87279

Ion Ratio Lower Upper

88 100

43 262.8 0.0 0.0#

58 49.5 30.9 46.3#



#50

Toluene-d8

Concen: 52.703 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY015993.D

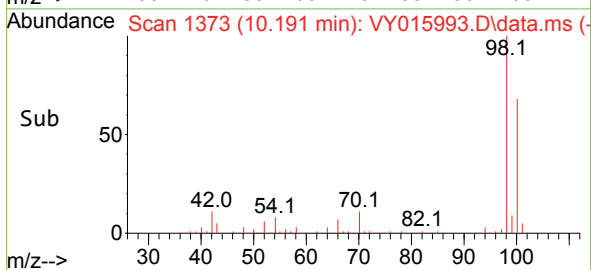
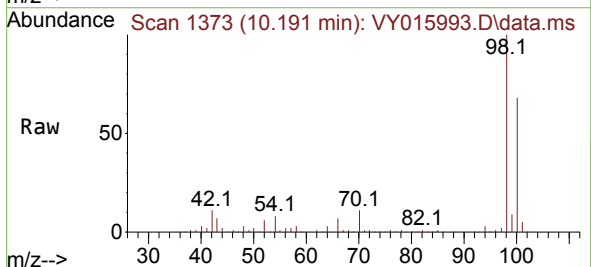
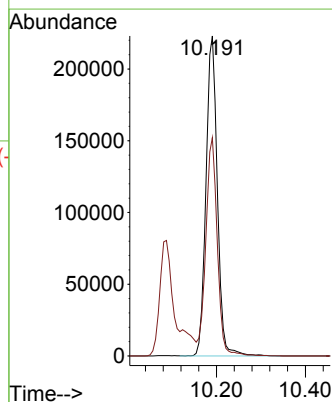
Acq: 16 Oct 2023 18:36

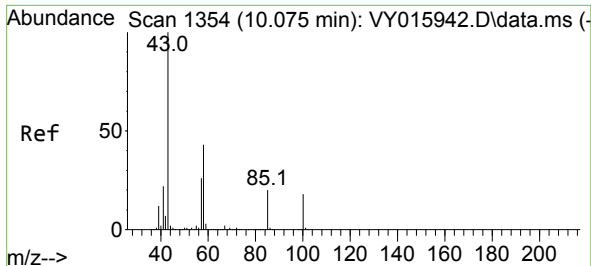
Tgt Ion: 98 Resp: 398697

Ion Ratio Lower Upper

98 100

100 69.0 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 314.391 ug/l

RT: 10.081 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

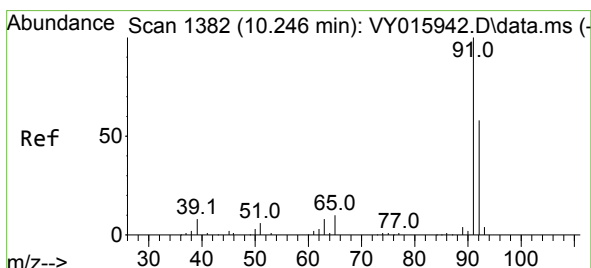
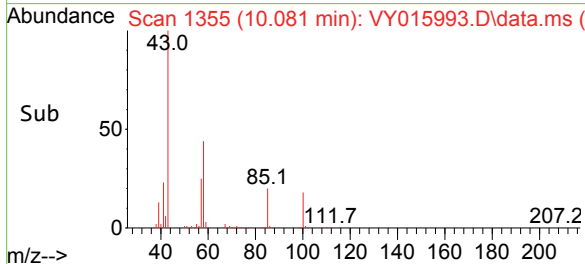
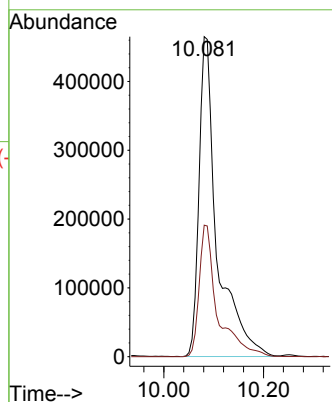
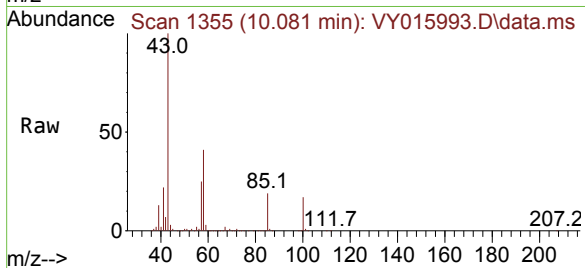
ClientSampleId :

Tgt Ion: 43 Resp: 1170630

Ion Ratio Lower Upper

43 100

58 41.6 29.0 43.6



#52

Toluene

Concen: 53.957 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY015993.D

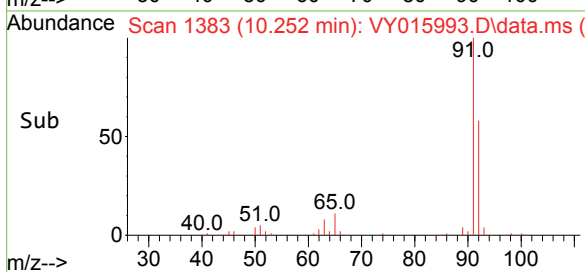
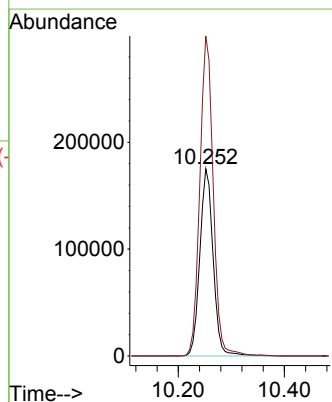
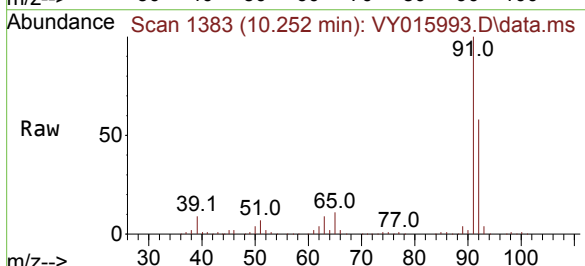
Acq: 16 Oct 2023 18:36

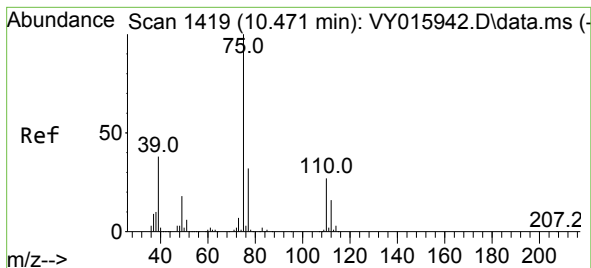
Tgt Ion: 92 Resp: 304239

Ion Ratio Lower Upper

92 100

91 172.3 143.8 215.6

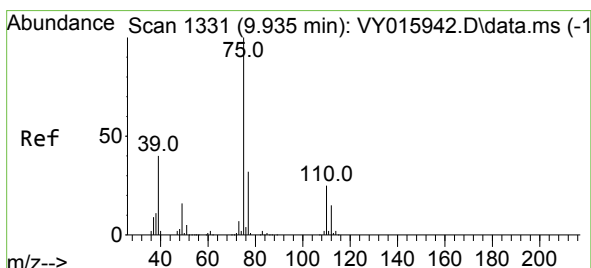
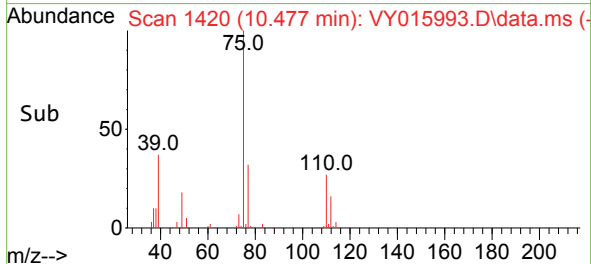
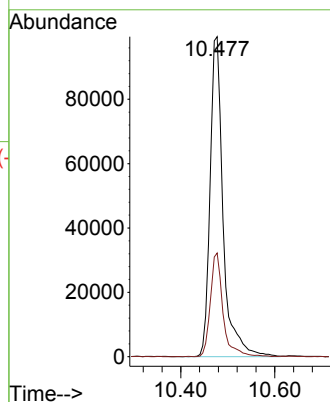
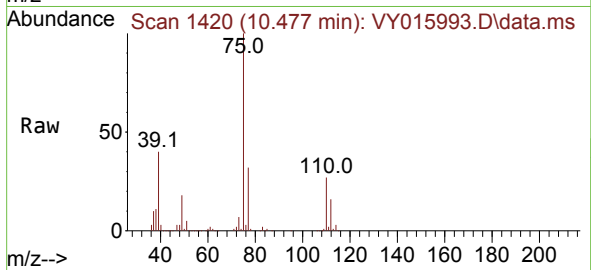




#53
 t-1,3-Dichloropropene
 Concen: 53.303 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY015993.D
 Acq: 16 Oct 2023 18:36

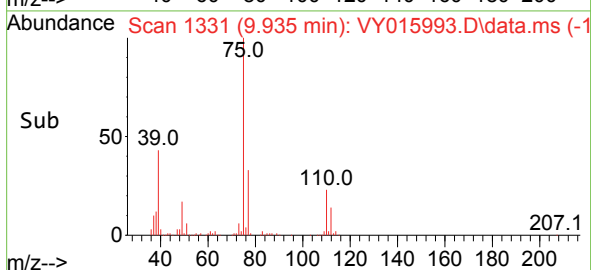
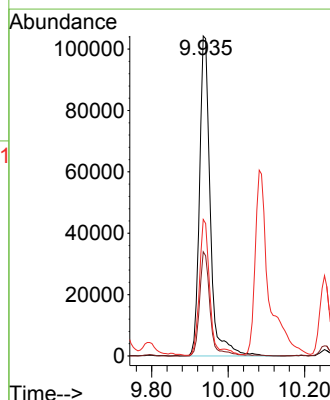
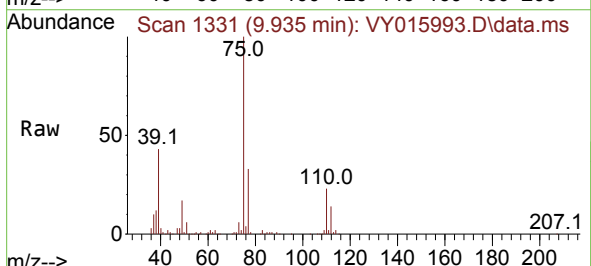
Instrument :
 MSVOA_Y
 ClientSampleId :

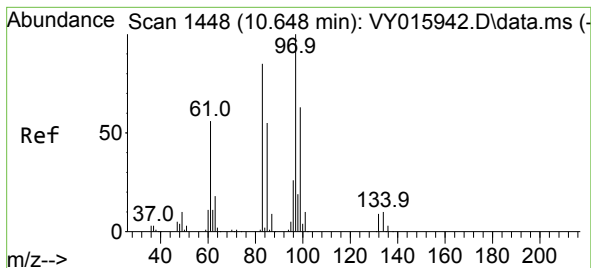
Tgt Ion: 75 Resp: 190902
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.762 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY015993.D
 Acq: 16 Oct 2023 18:36

Tgt Ion: 75 Resp: 203128
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.2 36.4
 39 42.2 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 53.285 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 120003

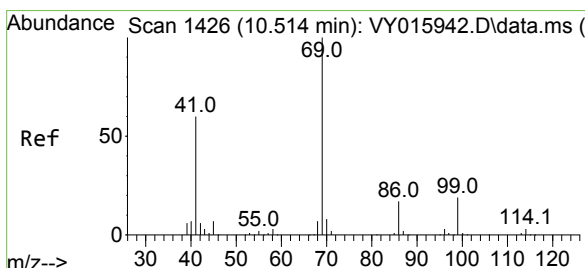
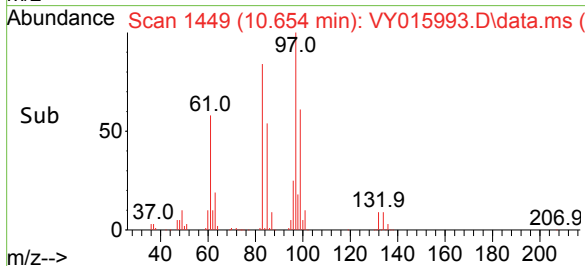
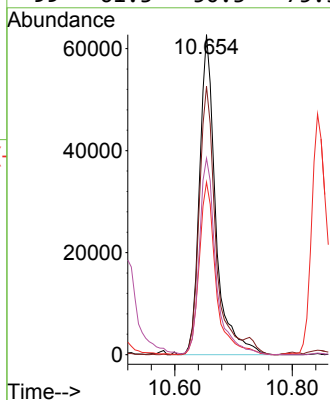
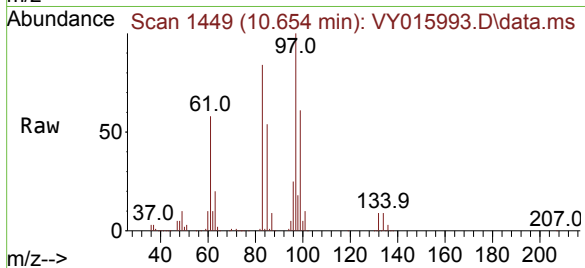
Ion Ratio Lower Upper

97 100

83 83.8 72.0 108.0

85 53.9 45.4 68.0

99 61.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 54.133 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

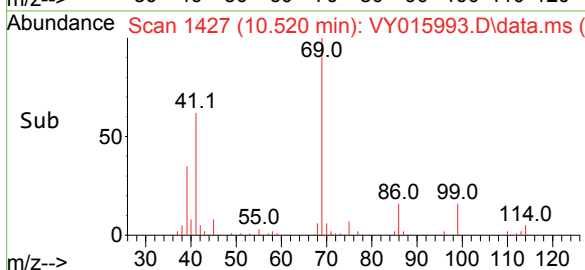
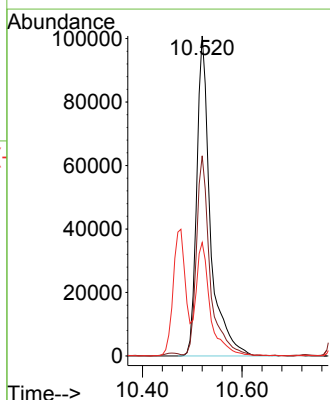
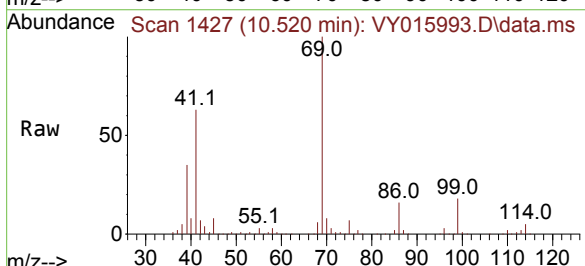
Tgt Ion: 69 Resp: 190850

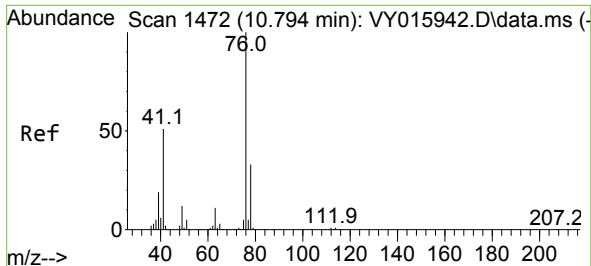
Ion Ratio Lower Upper

69 100

41 62.9 57.6 86.4

39 36.7 34.1 51.1





#57

1,3-Dichloropropane

Concen: 52.733 ug/l

RT: 10.800 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

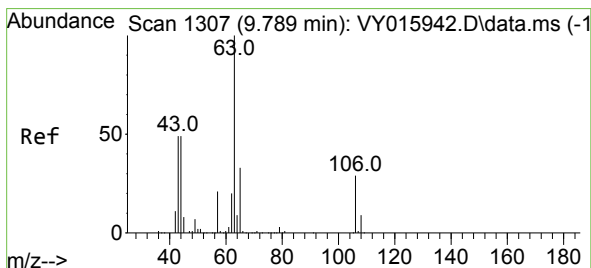
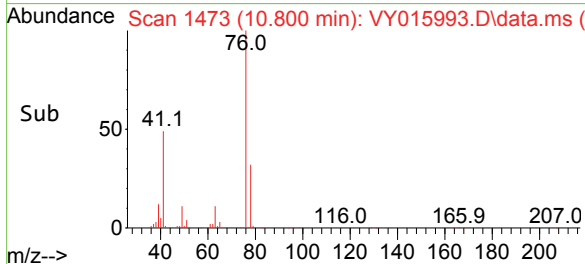
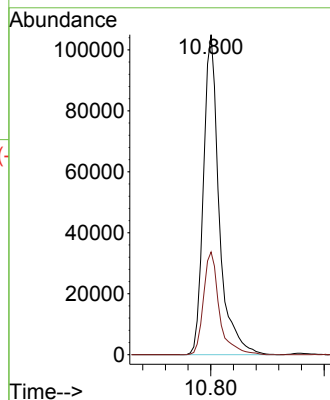
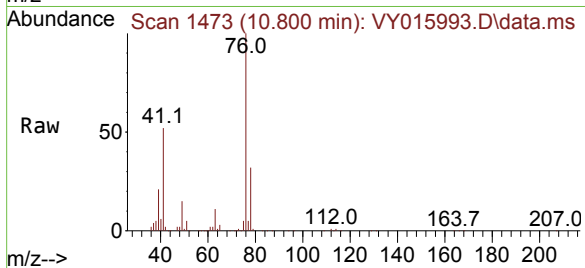
ClientSampleId :

Tgt Ion: 76 Resp: 201472

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 188.627 ug/l

RT: 9.794 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY015993.D

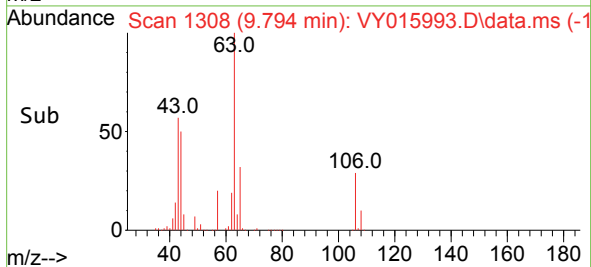
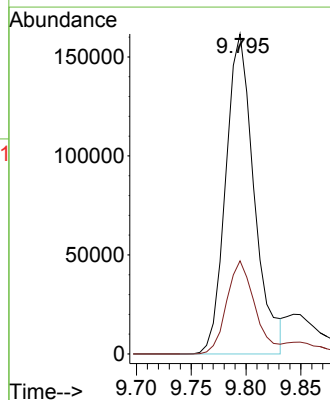
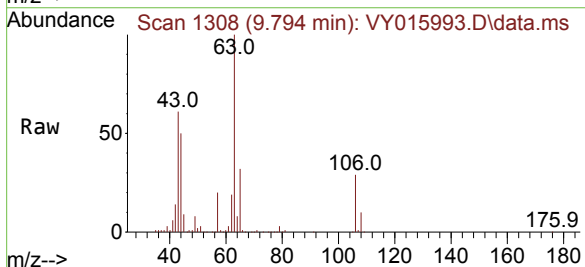
Acq: 16 Oct 2023 18:36

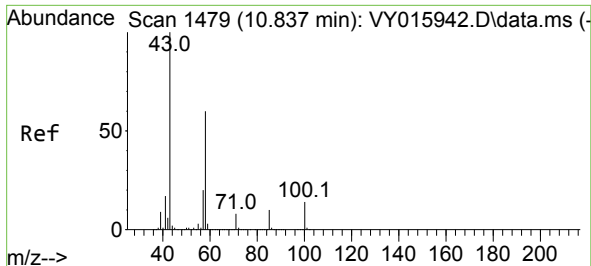
Tgt Ion: 63 Resp: 291825

Ion Ratio Lower Upper

63 100

106 28.9 21.2 31.8





#59

2-Hexanone

Concen: 332.209 ug/l

RT: 10.843 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

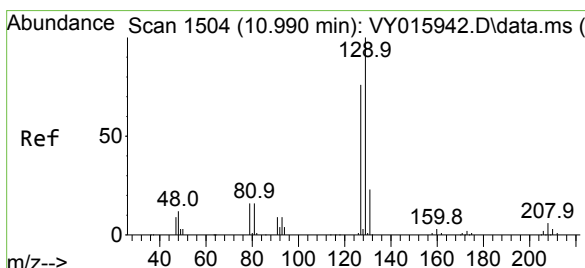
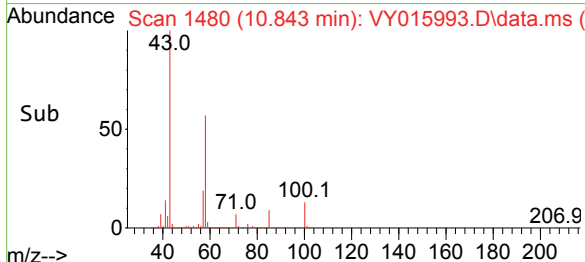
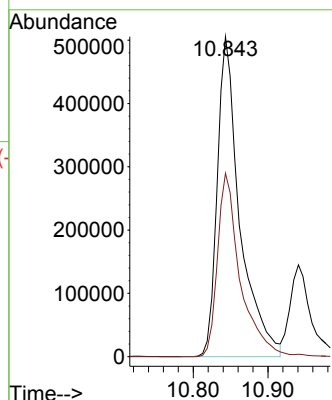
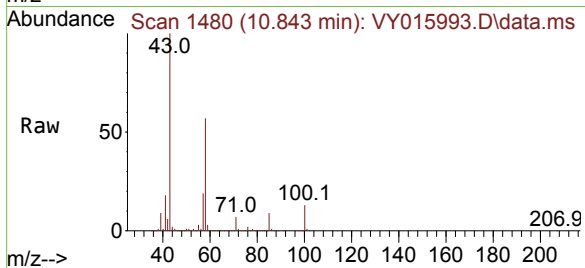
ClientSampleId :

Tgt Ion: 43 Resp: 1055896

Ion Ratio Lower Upper

43 100

58 58.3 25.1 75.3



#60

Dibromochloromethane

Concen: 53.653 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. 0.006 min

Lab File: VY015993.D

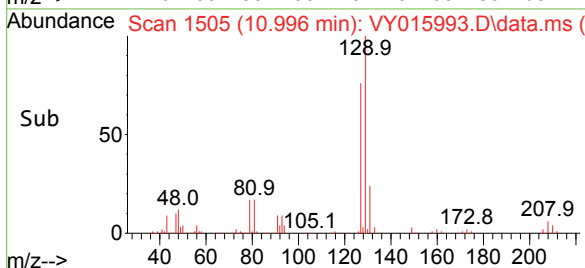
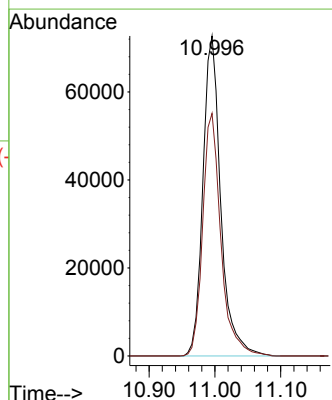
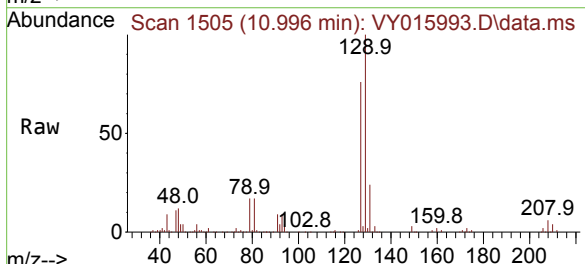
Acq: 16 Oct 2023 18:36

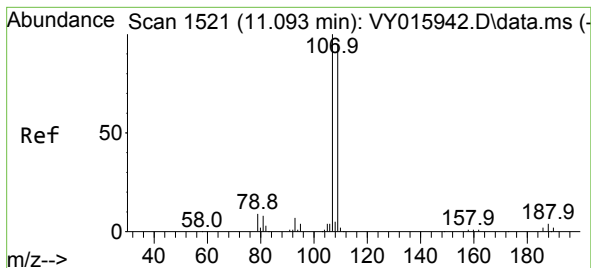
Tgt Ion:129 Resp: 137406

Ion Ratio Lower Upper

129 100

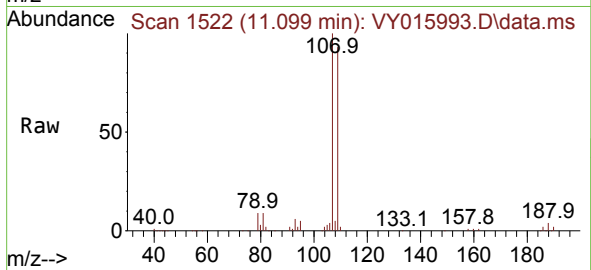
127 77.3 38.5 115.5



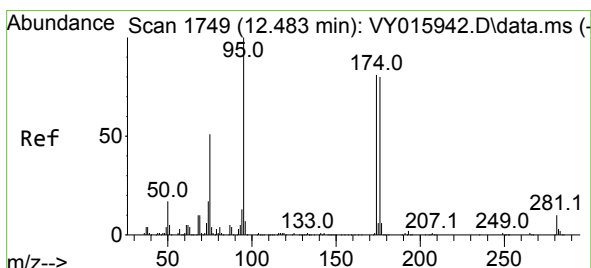
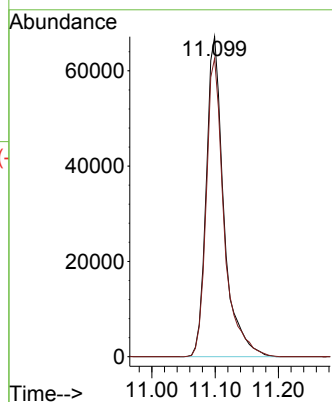
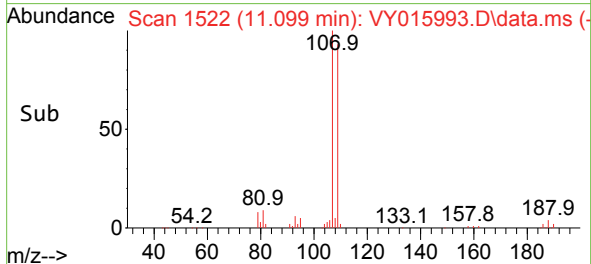


#61
1,2-Dibromoethane
Concen: 53.342 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

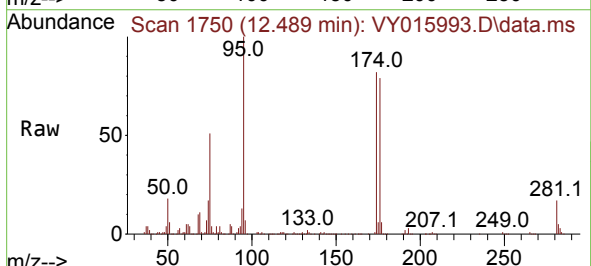
Instrument :
MSVOA_Y
ClientSampleId :



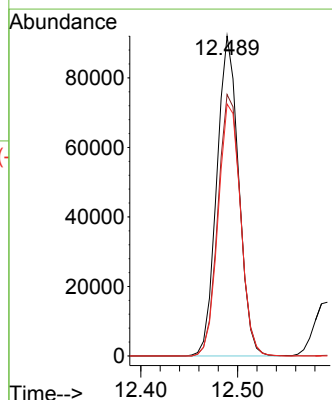
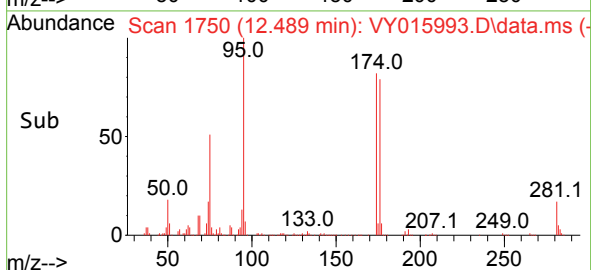
Tgt Ion:107 Resp: 129987
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

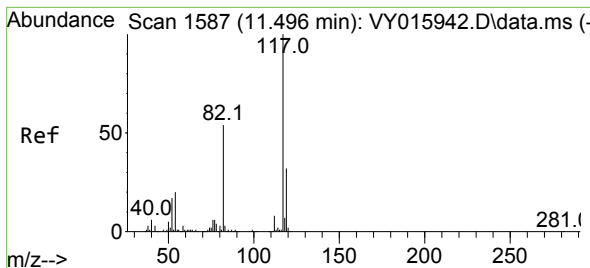


#62
4-Bromofluorobenzene
Concen: 53.655 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36



Tgt Ion: 95 Resp: 144535
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 81.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.000 min

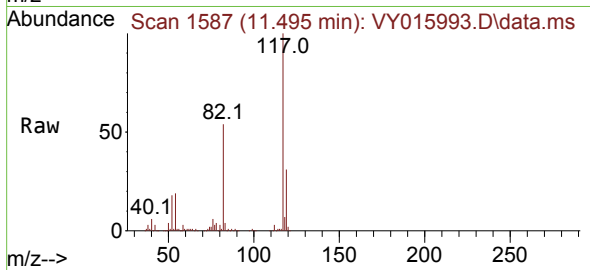
Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :



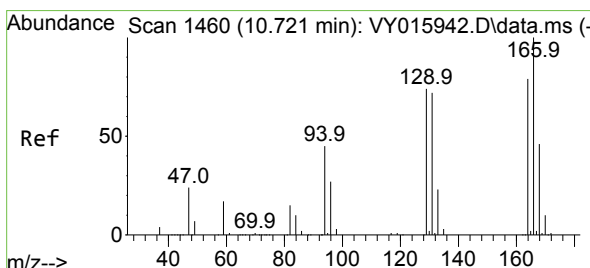
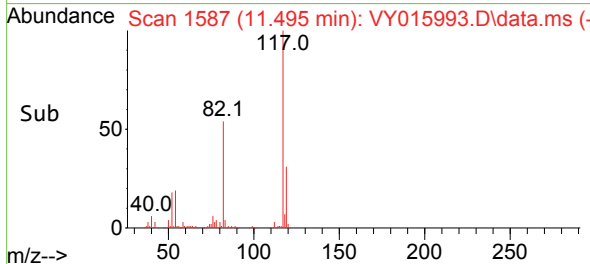
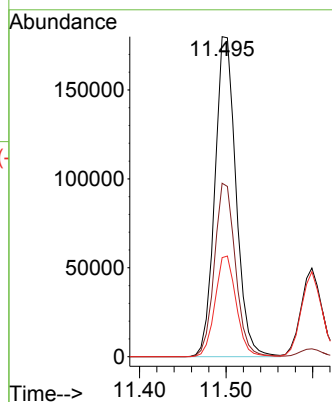
Tgt Ion:117 Resp: 305463

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 31.0 26.3 39.5



#64

Tetrachloroethene

Concen: 53.723 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Tgt Ion:164 Resp: 143056

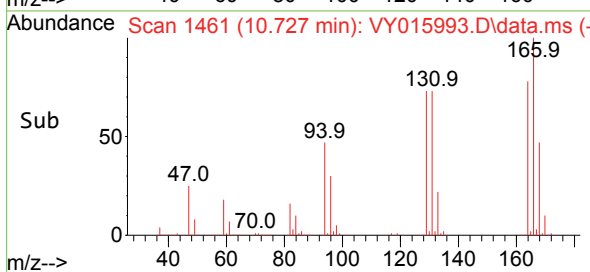
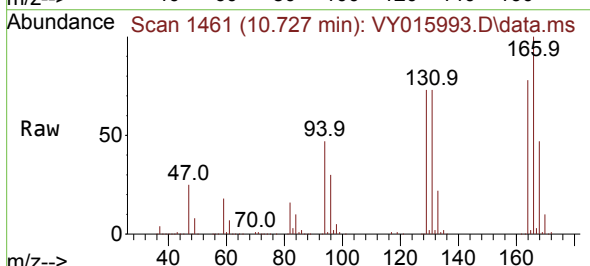
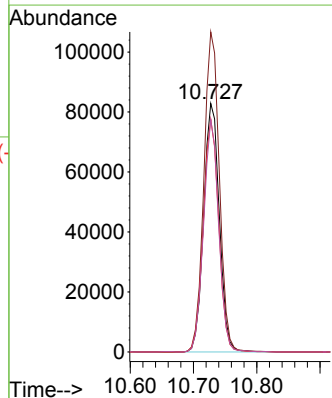
Ion Ratio Lower Upper

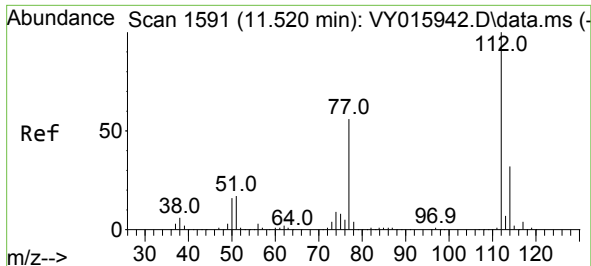
164 100

166 128.8 103.0 154.6

129 93.6 77.2 115.8

131 93.5 69.6 104.4

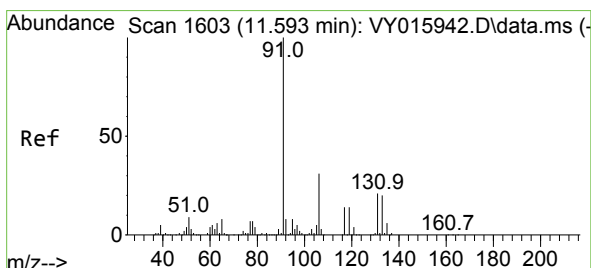
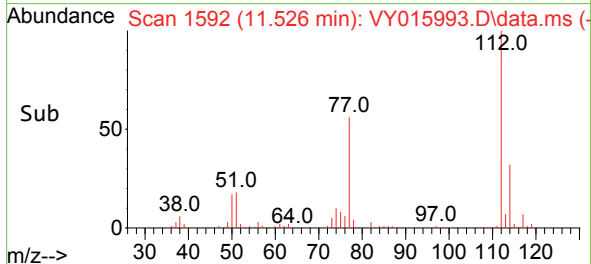
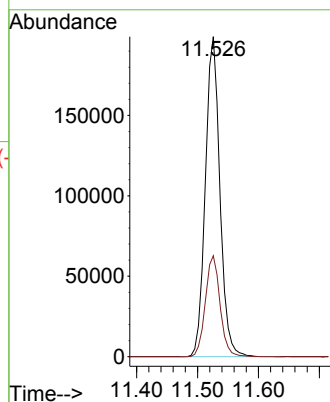
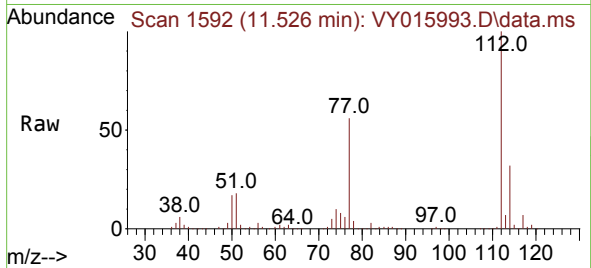




#65
Chlorobenzene
Concen: 51.630 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

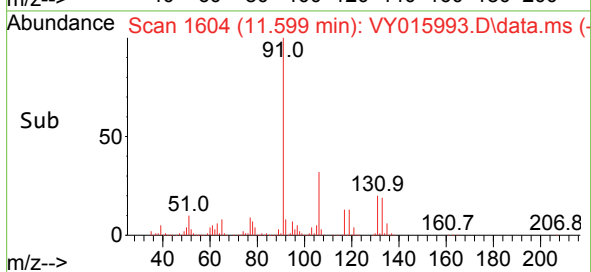
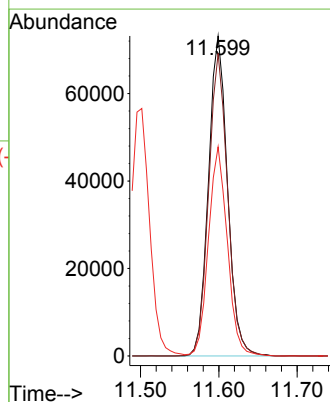
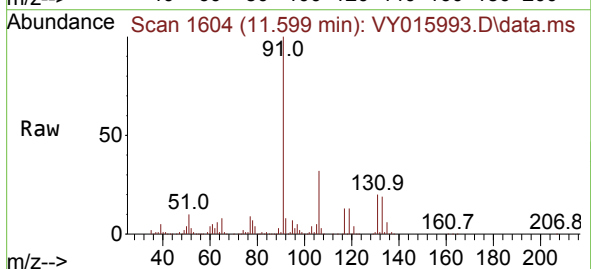
Instrument :
MSVOA_Y
ClientSampleId :

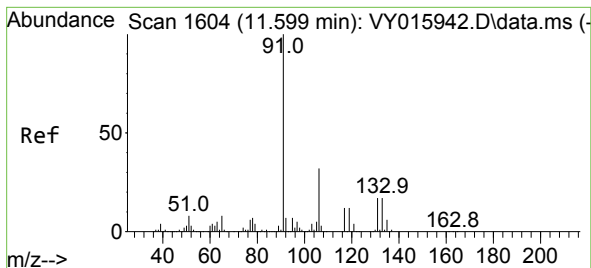
Tgt Ion:112 Resp: 330442
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.215 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Tgt Ion:131 Resp: 123709
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 64.9 31.6 94.7





#67

Ethyl Benzene

Concen: 52.783 ug/l

RT: 11.599 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

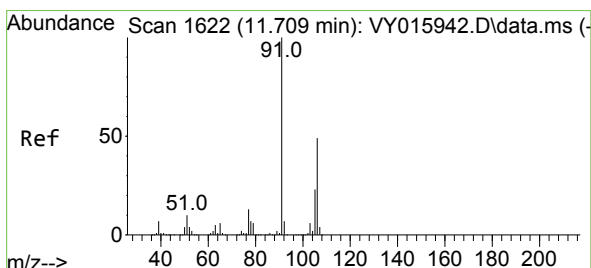
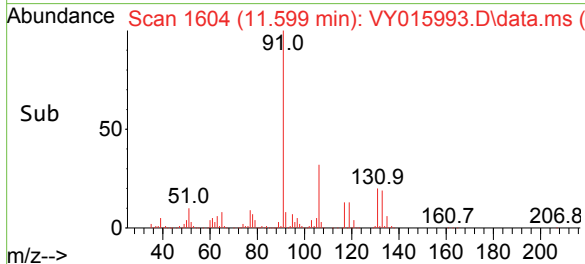
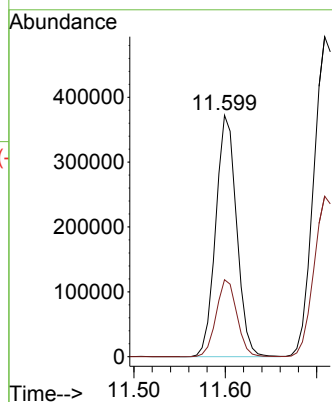
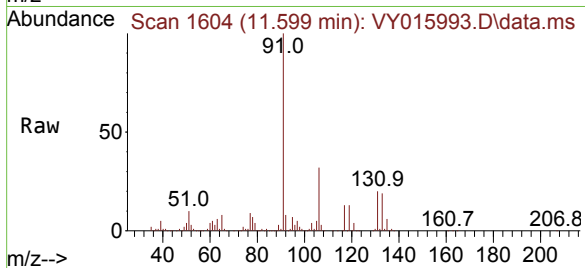
ClientSampleId :

Tgt Ion: 91 Resp: 590698

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 105.921 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY015993.D

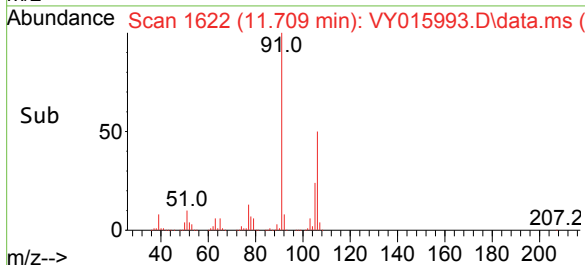
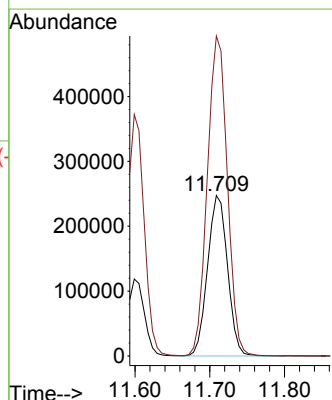
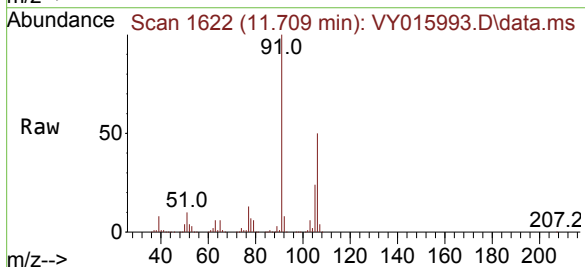
Acq: 16 Oct 2023 18:36

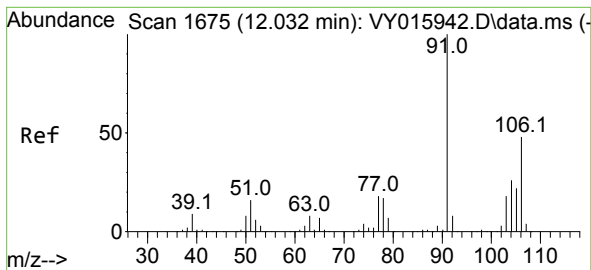
Tgt Ion:106 Resp: 457459

Ion Ratio Lower Upper

106 100

91 200.1 166.1 249.1





#69

o-Xylene

Concen: 53.226 ug/l

RT: 12.038 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

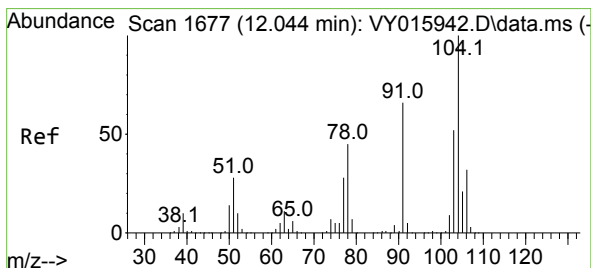
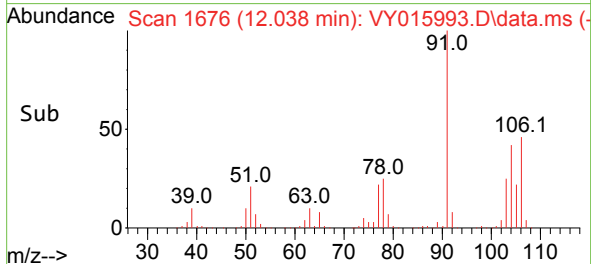
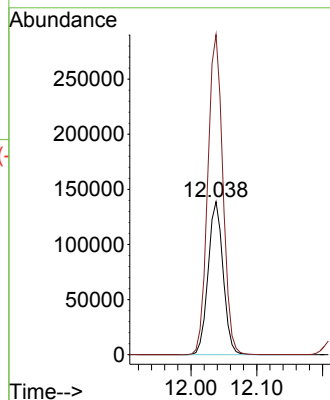
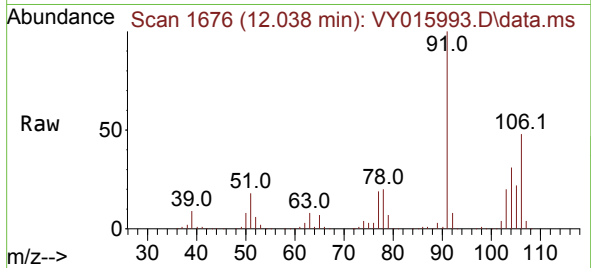
ClientSampleId :

Tgt Ion:106 Resp: 219775

Ion Ratio Lower Upper

106 100

91 211.0 108.1 324.3



#70

Styrene

Concen: 54.138 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

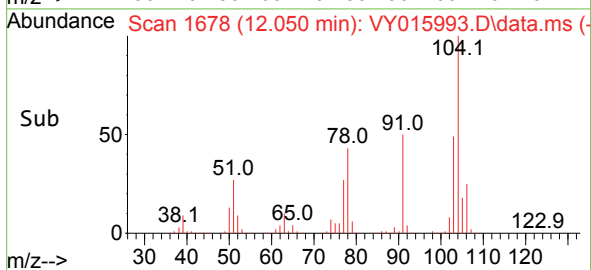
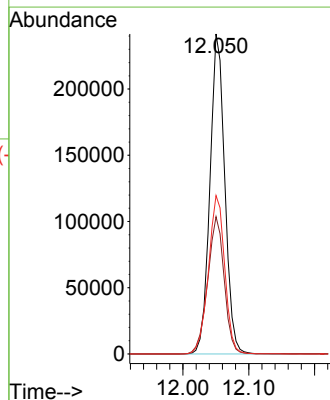
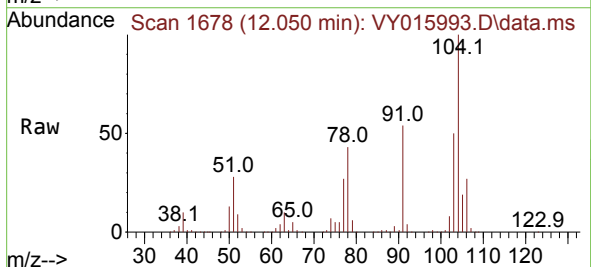
Tgt Ion:104 Resp: 380437

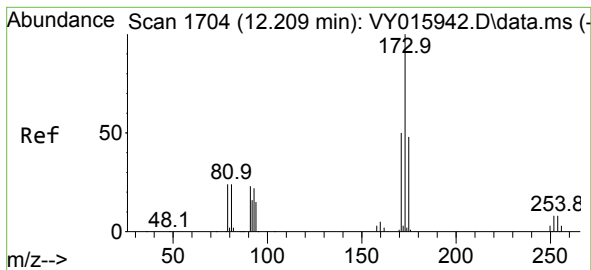
Ion Ratio Lower Upper

104 100

78 47.5 41.5 62.3

103 54.3 44.6 67.0





#71

Bromoform

Concen: 53.012 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

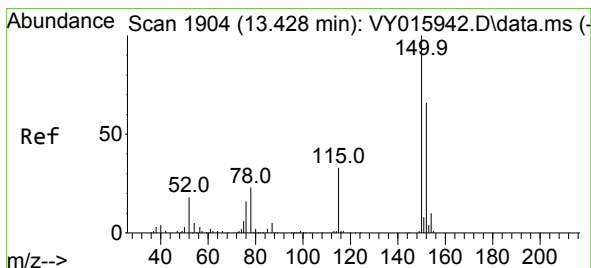
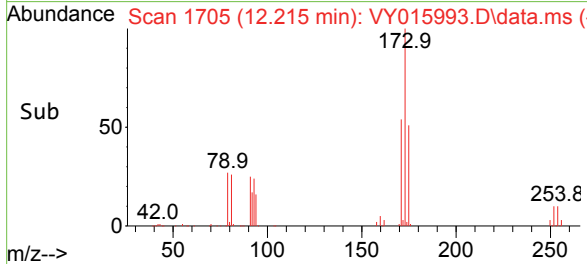
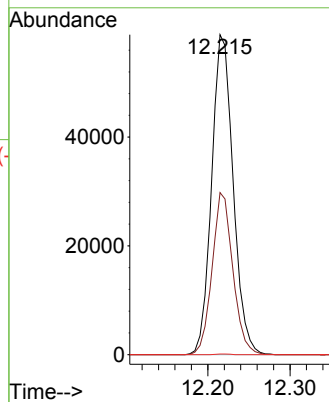
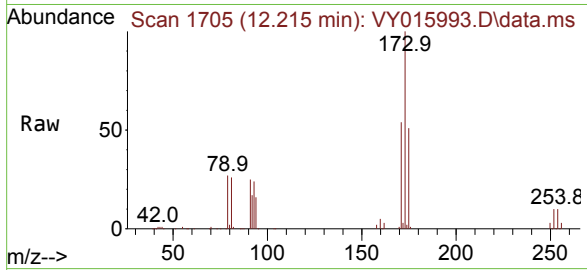
Tgt Ion:173 Resp: 106957

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

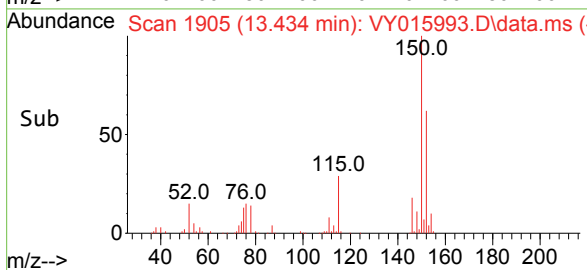
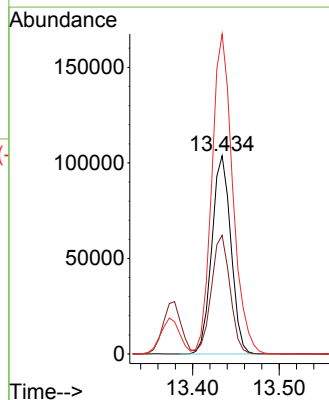
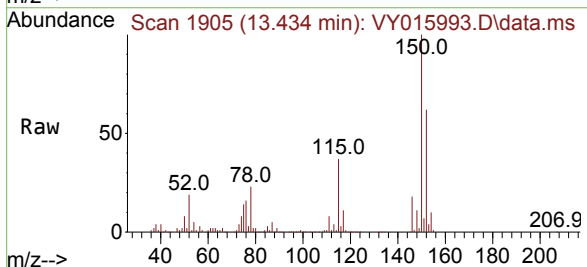
Tgt Ion:152 Resp: 158850

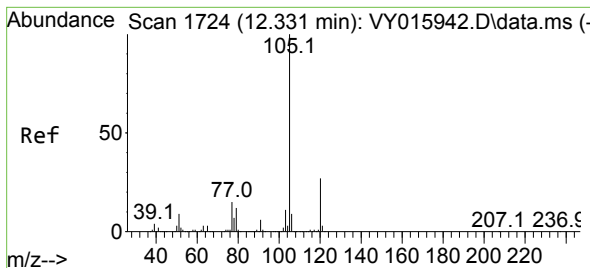
Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 176.9 0.0 348.8





#73

Isopropylbenzene

Concen: 51.622 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

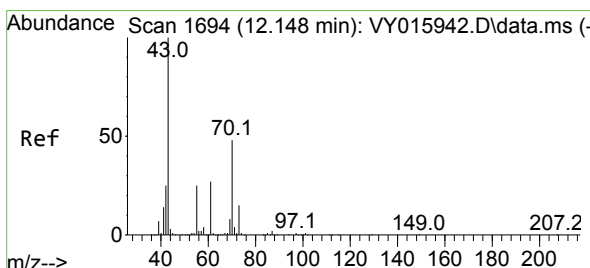
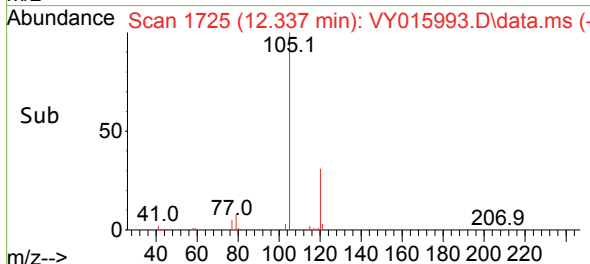
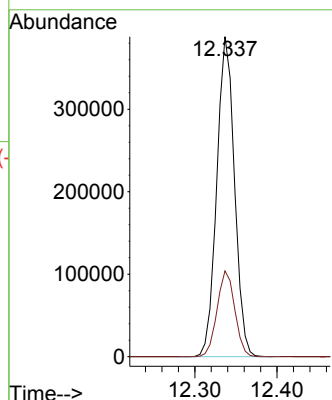
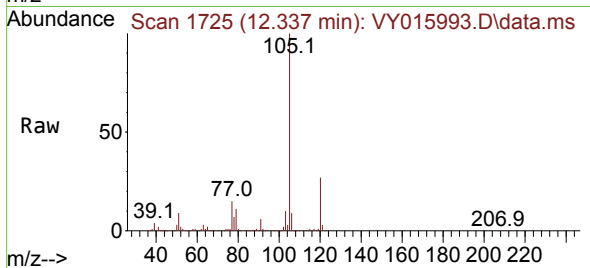
ClientSampleId :

Tgt Ion:105 Resp: 580505

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 55.012 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Tgt Ion: 43 Resp: 249918

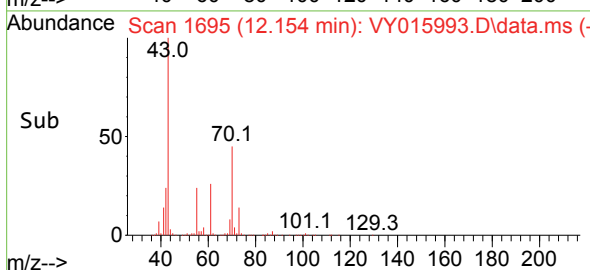
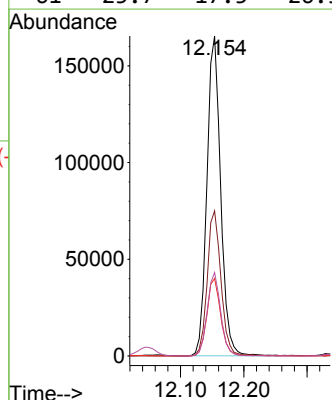
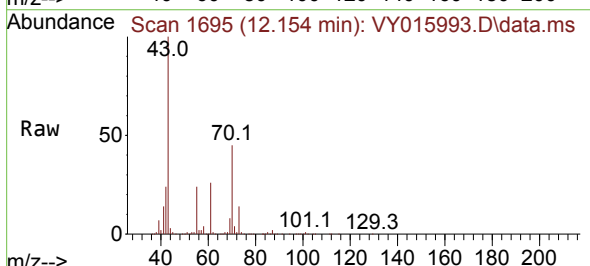
Ion Ratio Lower Upper

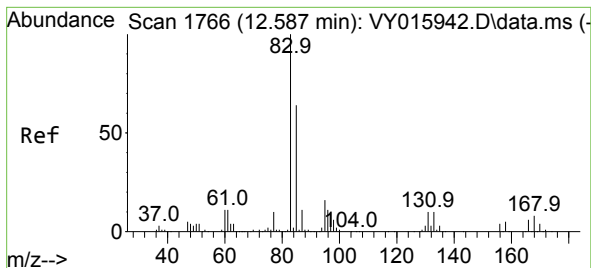
43 100

70 45.5 29.7 44.5#

55 24.7 18.3 27.5

61 25.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.325 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

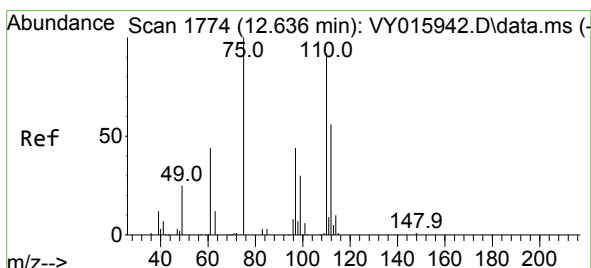
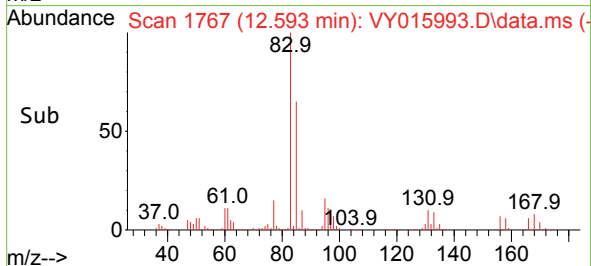
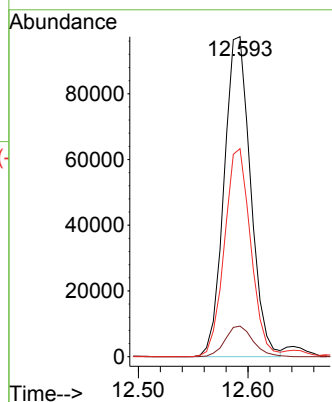
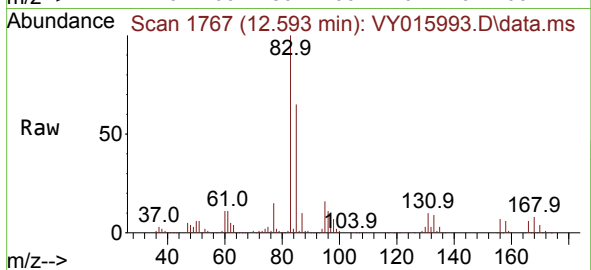
Tgt Ion: 83 Resp: 163464

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 86.743 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY015993.D

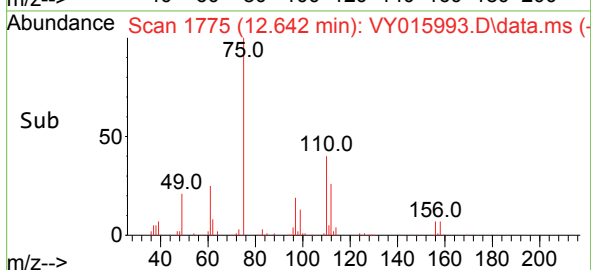
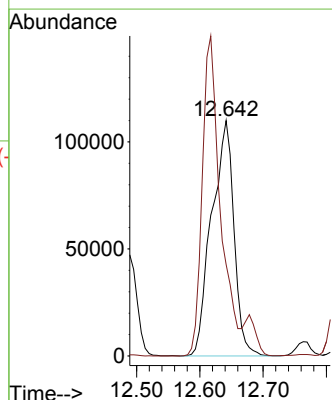
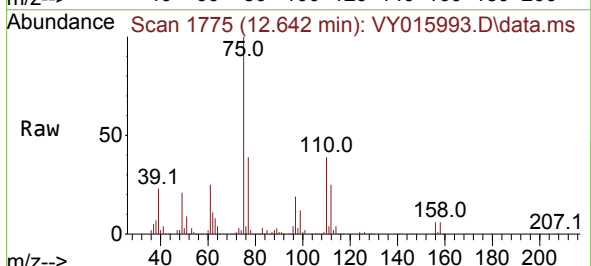
Acq: 16 Oct 2023 18:36

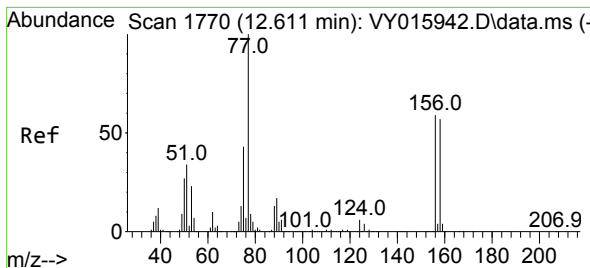
Tgt Ion: 75 Resp: 269659

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.192 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

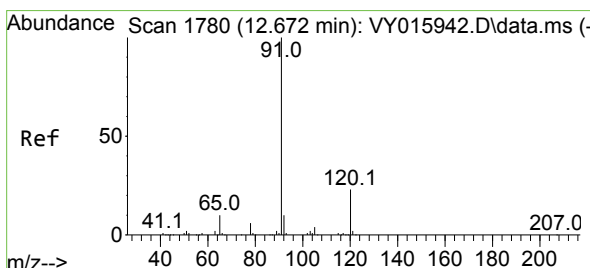
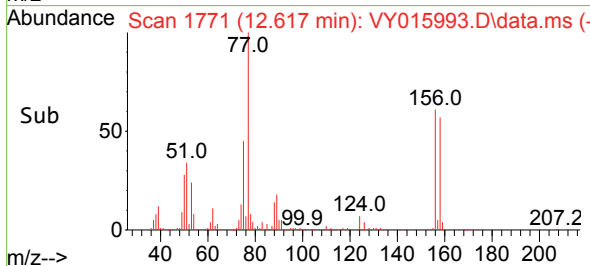
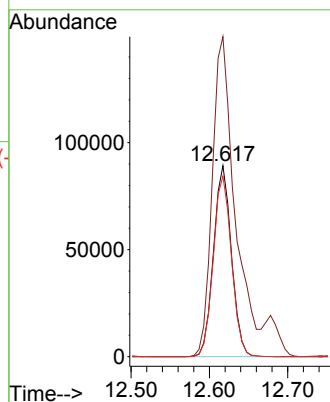
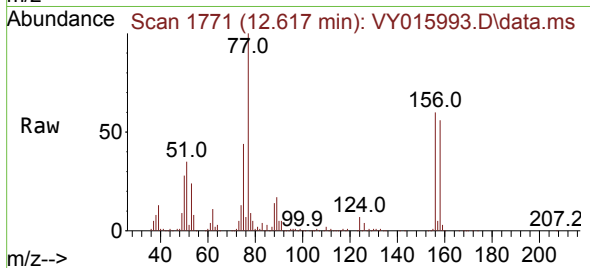
Tgt Ion:156 Resp: 141693

Ion Ratio Lower Upper

156 100

77 211.6 92.8 278.6

158 96.0 48.4 145.3



#78

n-propylbenzene

Concen: 51.583 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY015993.D

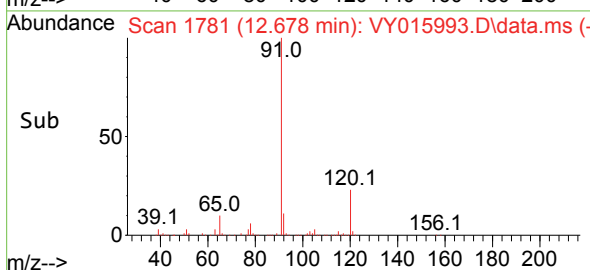
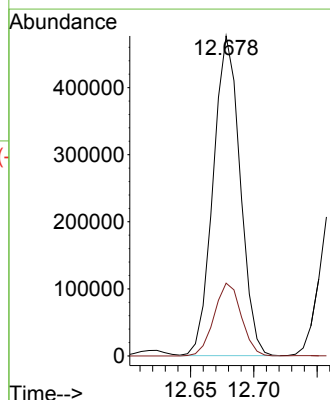
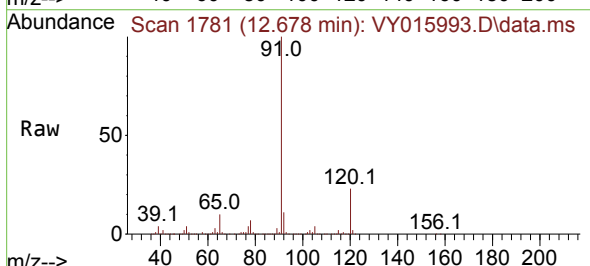
Acq: 16 Oct 2023 18:36

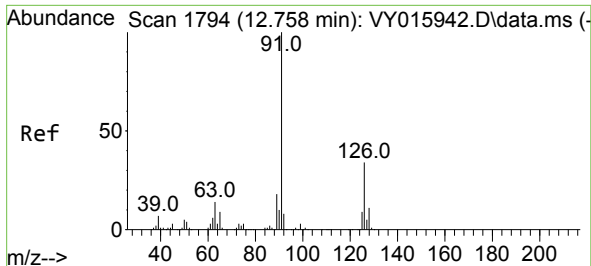
Tgt Ion: 91 Resp: 705380

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

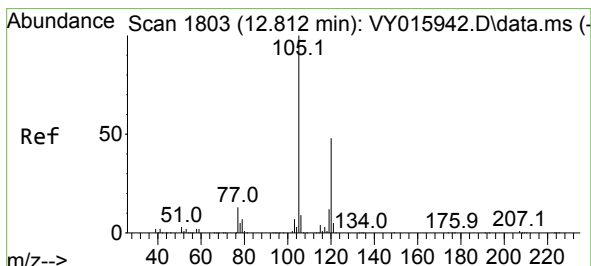
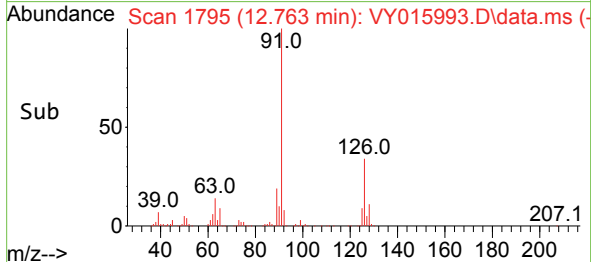
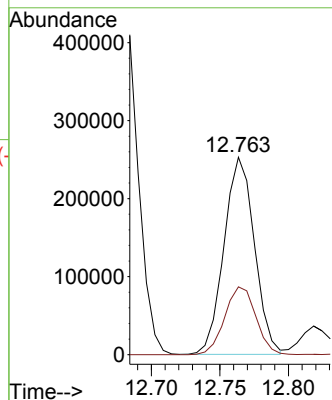
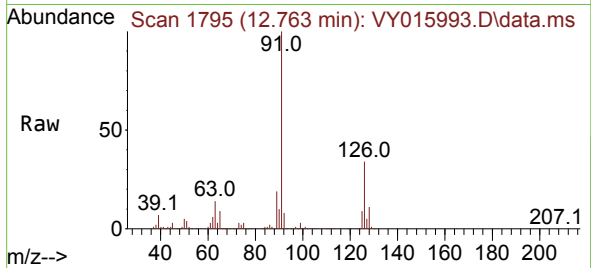




#79
2-Chlorotoluene
Concen: 50.601 ug/l
RT: 12.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

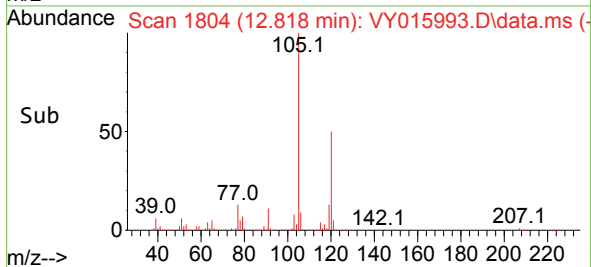
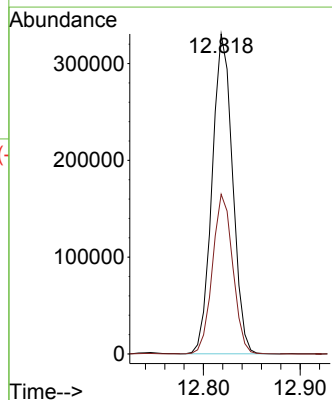
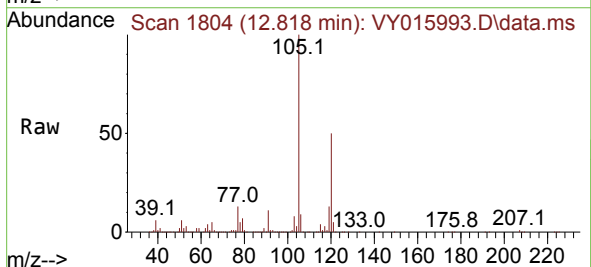
Instrument :
MSVOA_Y
ClientSampleId :

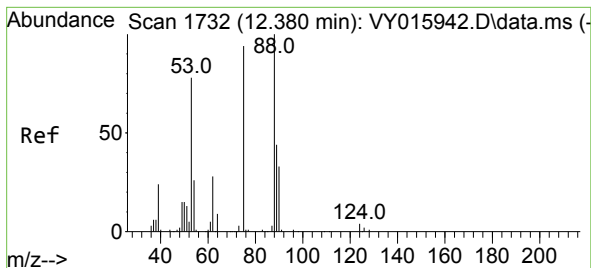
Tgt Ion: 91 Resp: 391369
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 51.877 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Tgt Ion: 105 Resp: 484654
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7

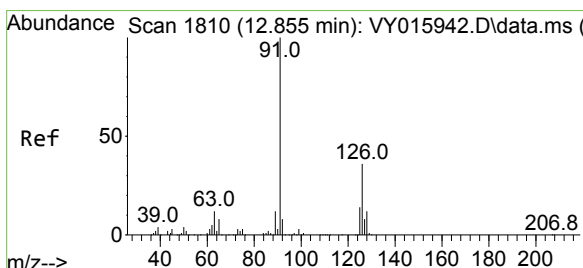
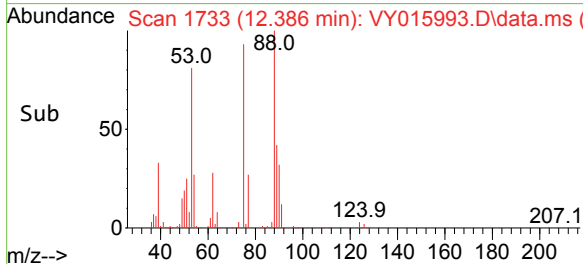
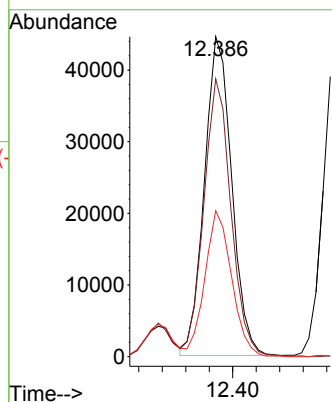
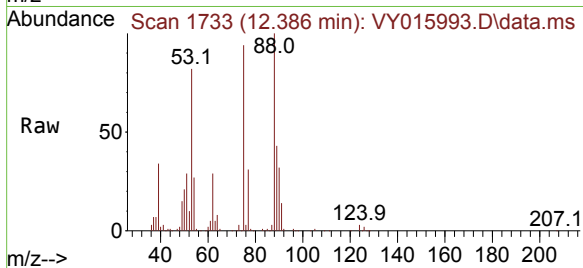




#81
trans-1,4-Dichloro-2-butene
Concen: 54.354 ug/l
RT: 12.386 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

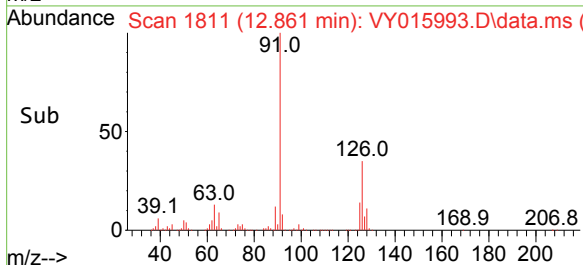
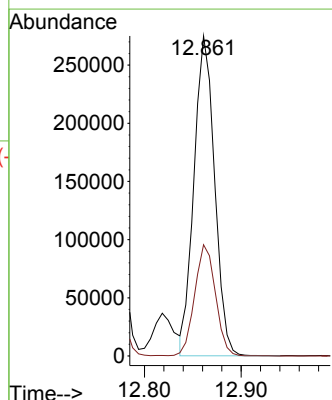
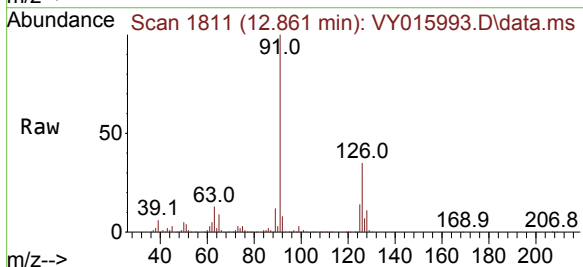
Instrument :
MSVOA_Y
ClientSampleId :

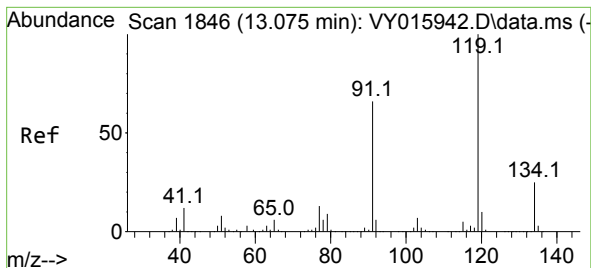
Tgt Ion: 75 Resp: 71729
Ion Ratio Lower Upper
75 100
53 87.1 77.8 116.8
89 44.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.222 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY015993.D
Acq: 16 Oct 2023 18:36

Tgt Ion: 91 Resp: 407169
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.825 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

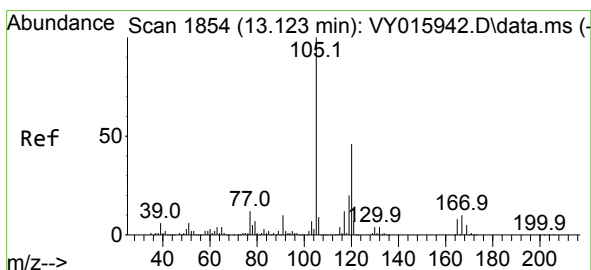
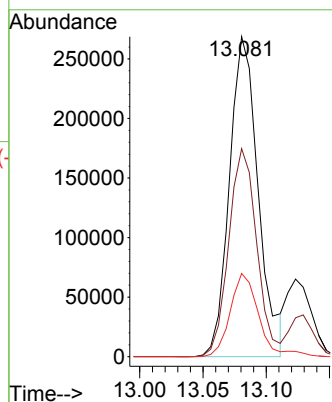
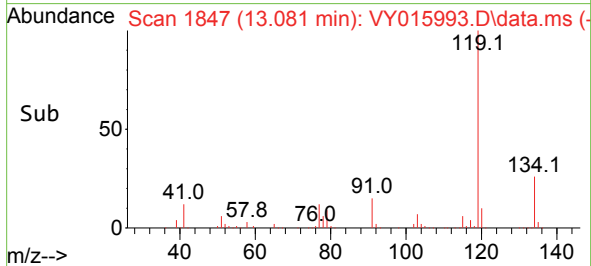
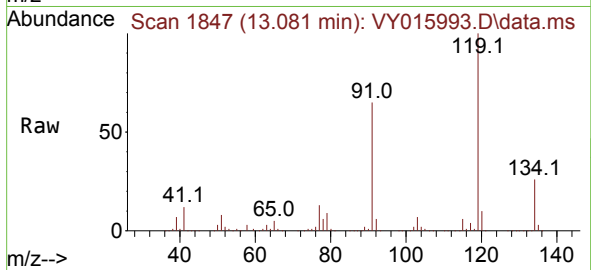
Tgt Ion:119 Resp: 425449

Ion Ratio Lower Upper

119 100

91 63.3 32.9 98.6

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.354 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY015993.D

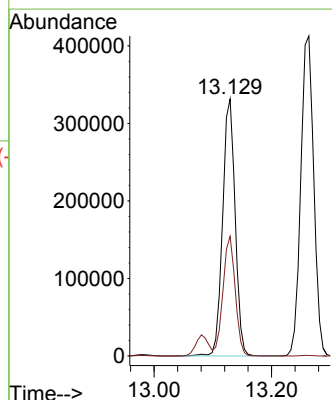
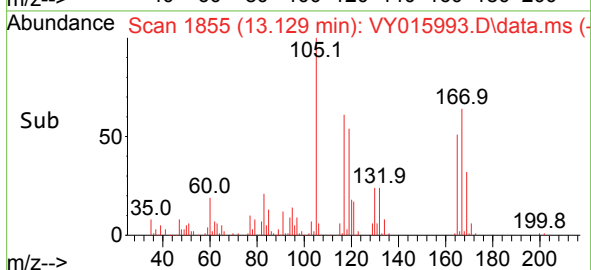
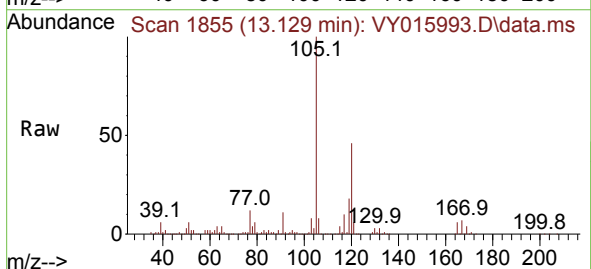
Acq: 16 Oct 2023 18:36

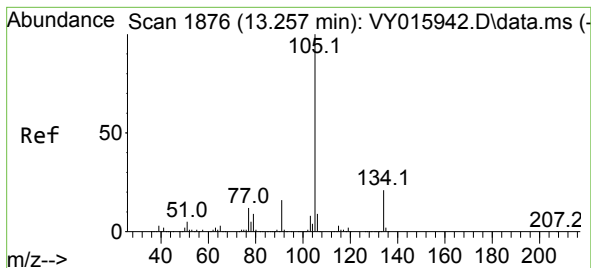
Tgt Ion:105 Resp: 490974

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.824 ug/l

RT: 13.263 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

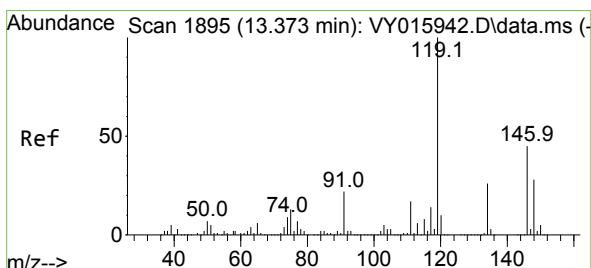
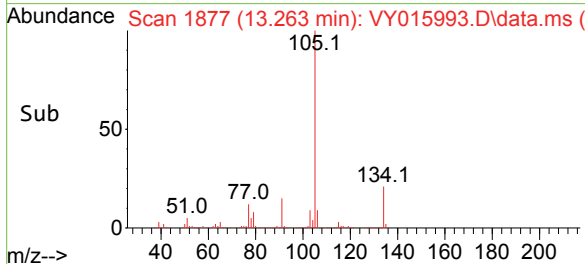
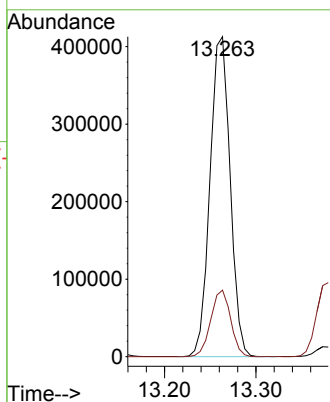
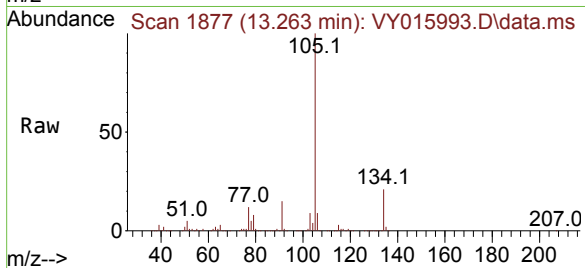
ClientSampleId :

Tgt Ion:105 Resp: 631402

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.267 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

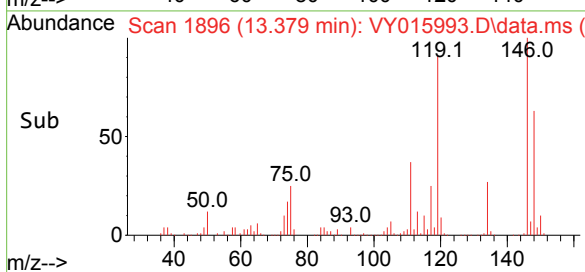
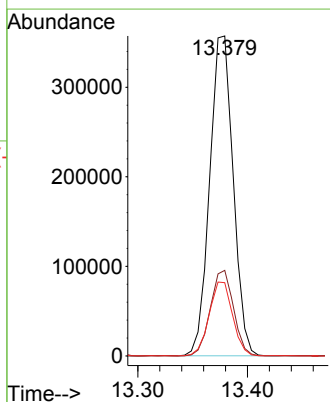
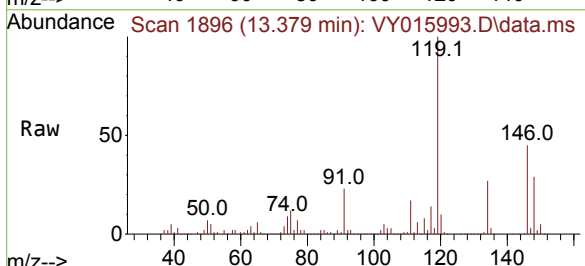
Tgt Ion:119 Resp: 532145

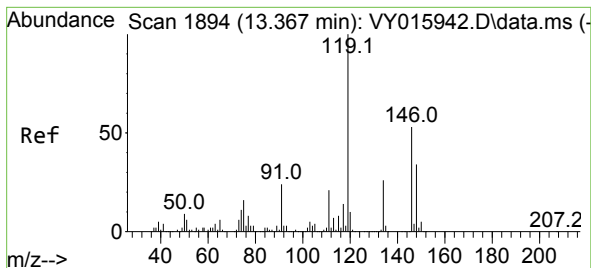
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.648 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

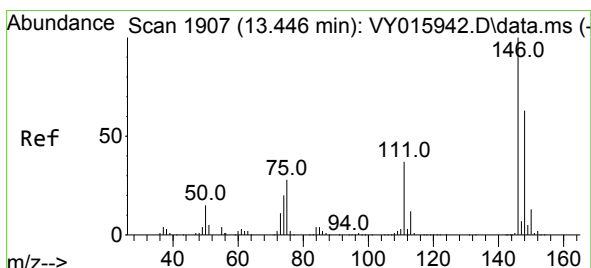
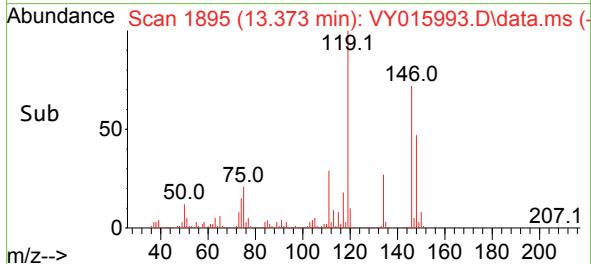
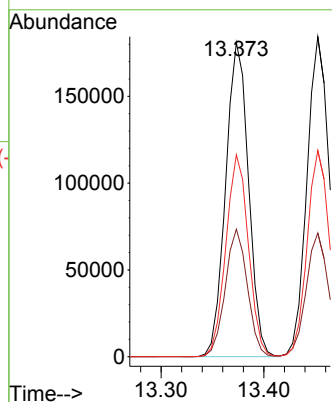
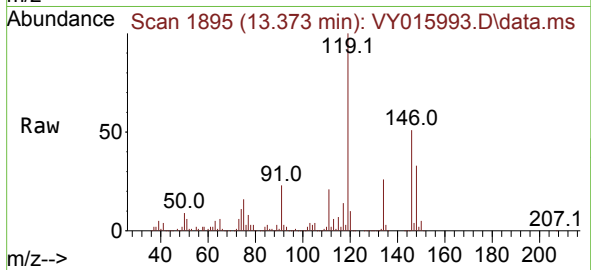
Tgt Ion:146 Resp: 279997

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

148 63.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.510 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

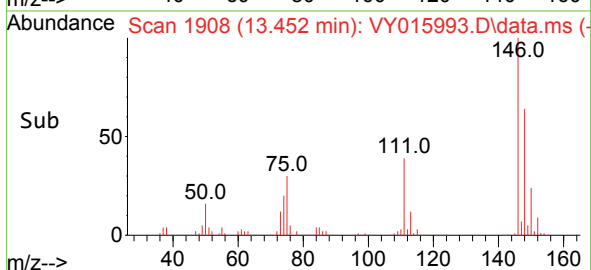
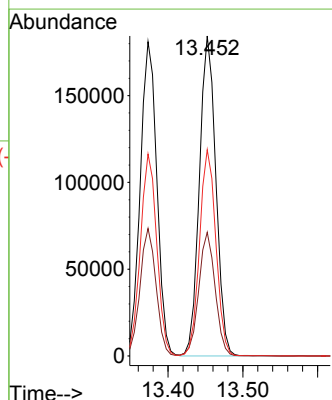
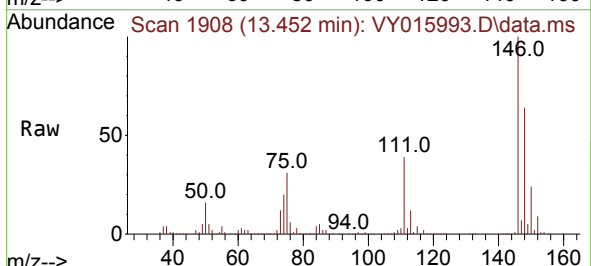
Tgt Ion:146 Resp: 281989

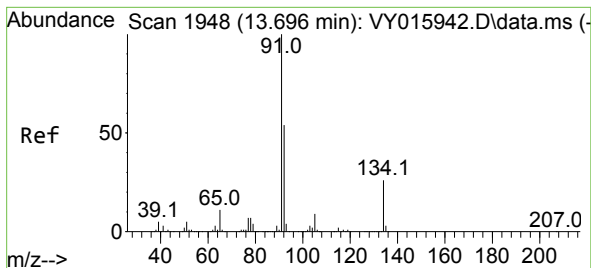
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 52.577 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

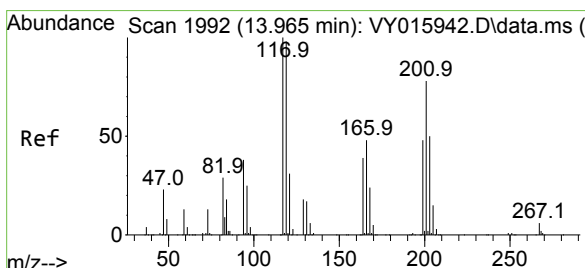
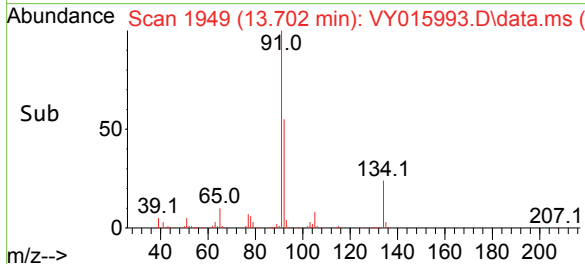
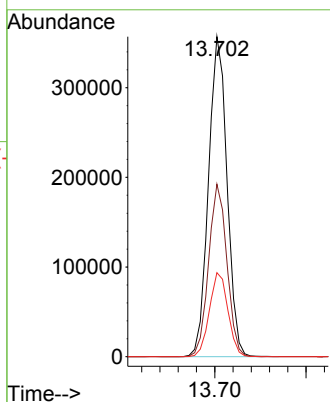
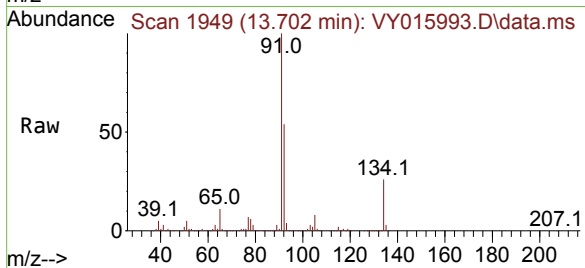
Tgt Ion: 91 Resp: 503366

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 51.061 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY015993.D

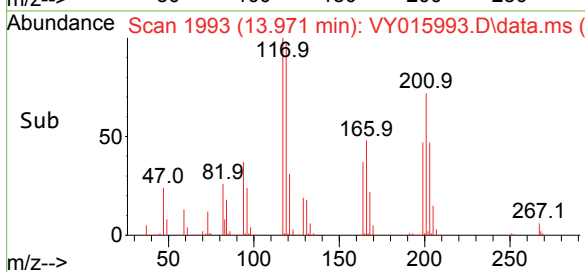
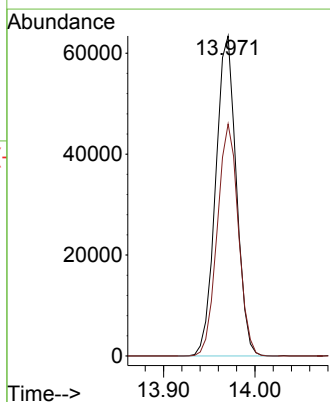
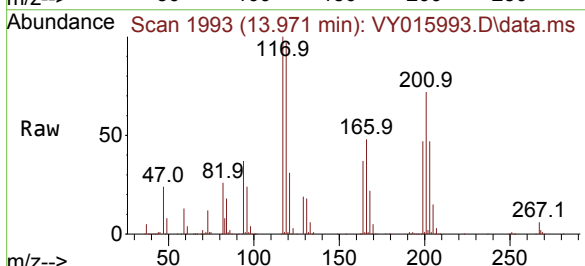
Acq: 16 Oct 2023 18:36

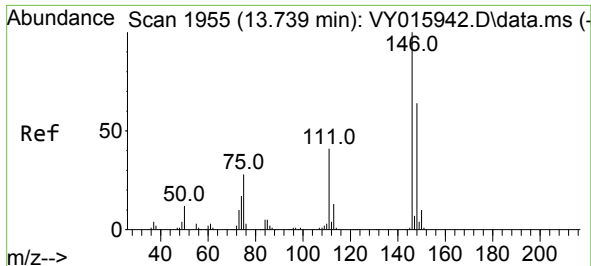
Tgt Ion: 117 Resp: 99638

Ion Ratio Lower Upper

117 100

201 73.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.879 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

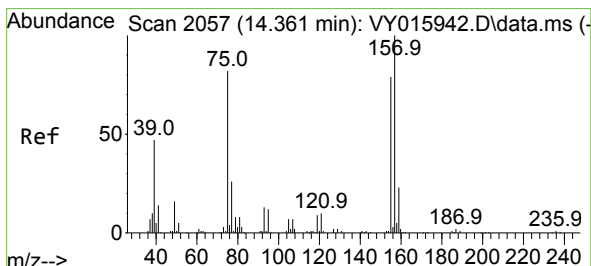
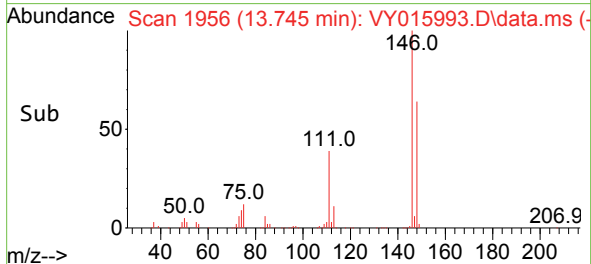
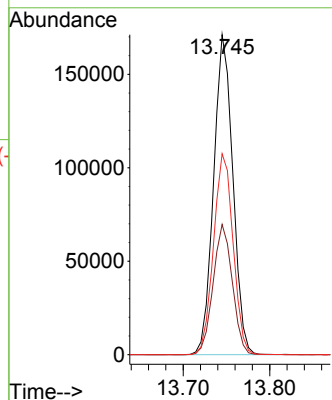
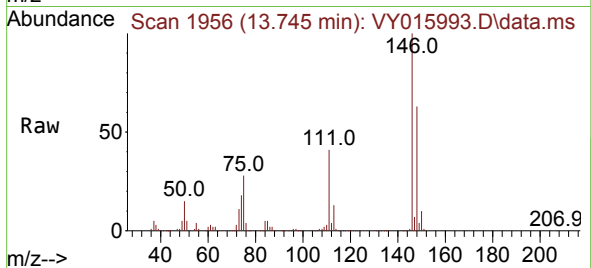
Tgt Ion:146 Resp: 263880

Ion Ratio Lower Upper

146 100

111 40.7 19.7 59.0

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 61.085 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

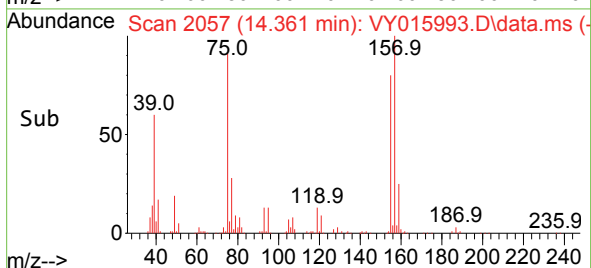
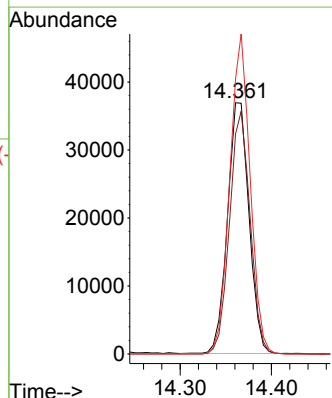
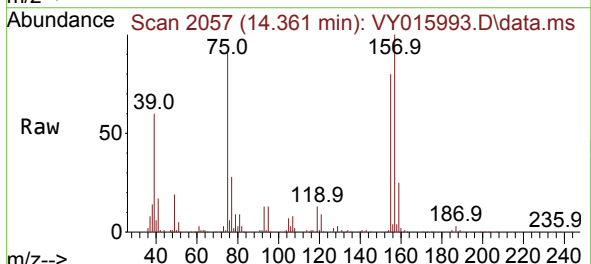
Tgt Ion: 75 Resp: 60357

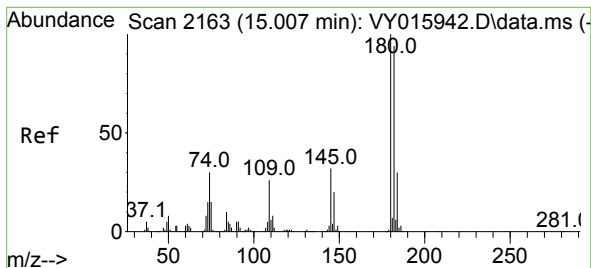
Ion Ratio Lower Upper

75 100

155 92.7 41.5 124.6

157 120.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.737 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

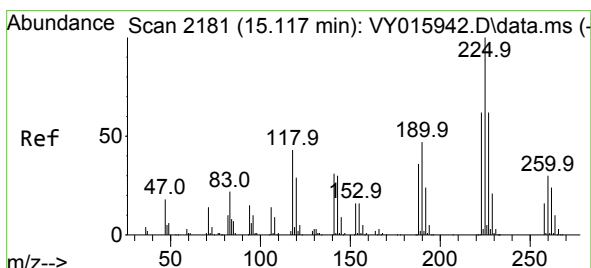
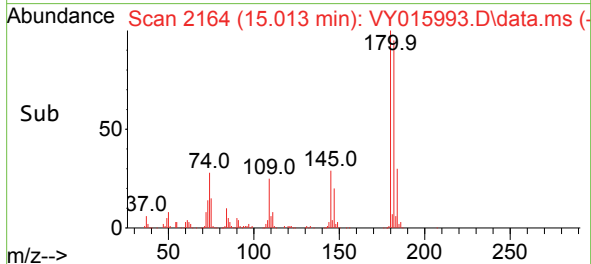
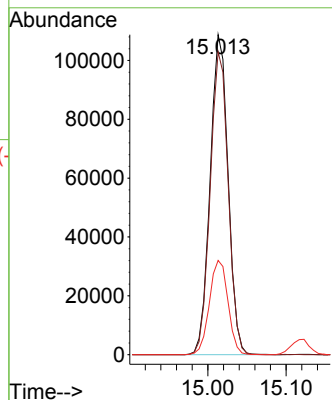
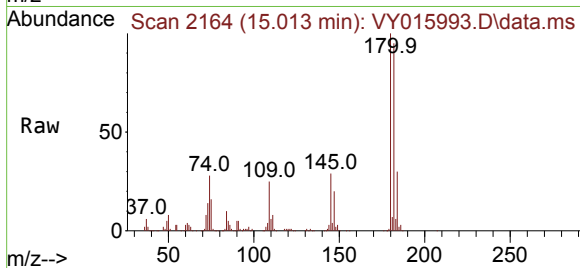
Tgt Ion:180 Resp: 172970

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 50.815 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

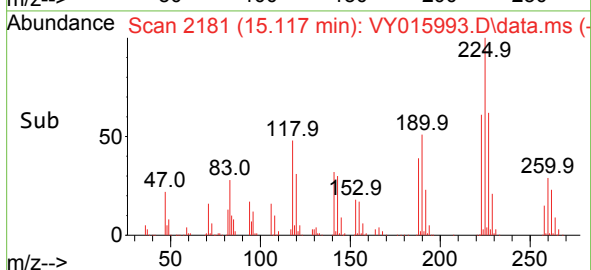
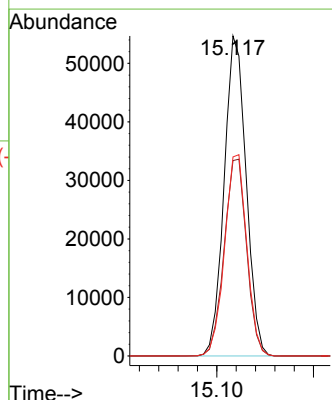
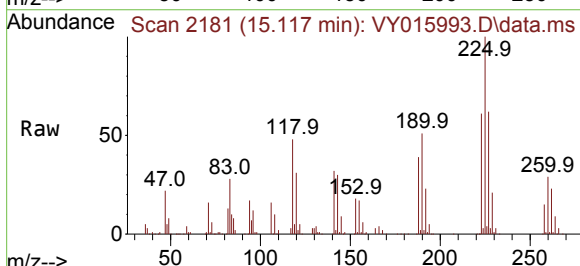
Tgt Ion:225 Resp: 86259

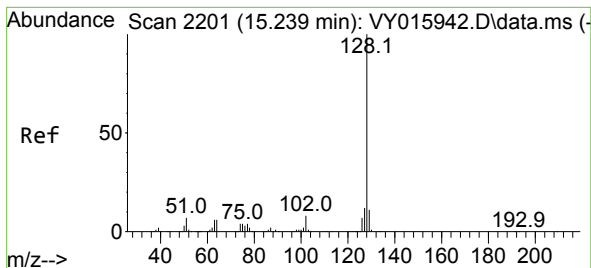
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.9

227 63.5 33.0 98.9





#95

Naphthalene

Concen: 55.970 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

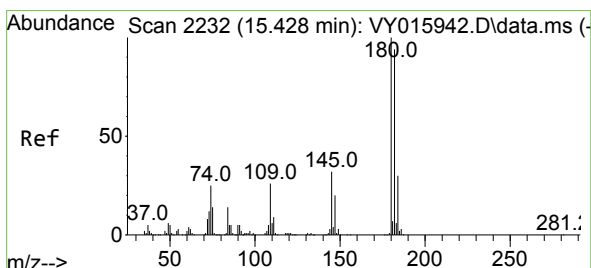
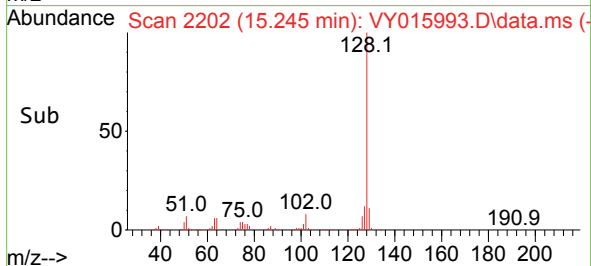
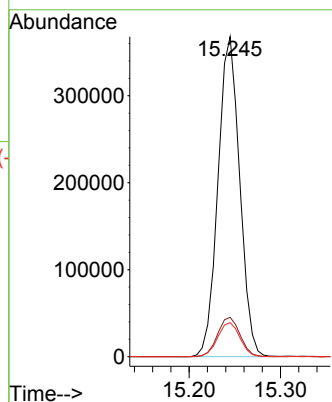
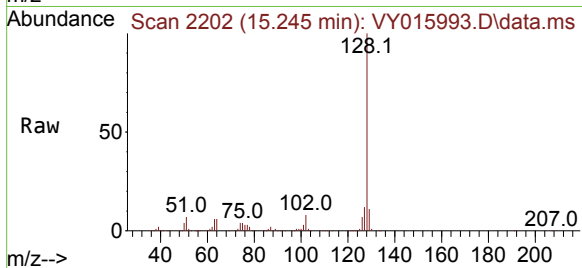
Tgt Ion:128 Resp: 607048

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.833 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY015993.D

Acq: 16 Oct 2023 18:36

Tgt Ion:180 Resp: 166136

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.8

145 32.5 15.4 46.2

