

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015976.D
 Acq On : 16 Oct 2023 10:35
 Operator : SY/MD
 Sample : VY1016SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 05:39:56 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	212972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	348472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	322396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	167574	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	126643	52.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.200%	
35) Dibromofluoromethane	7.734	113	114633	52.253	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.500%	
50) Toluene-d8	10.191	98	431006	52.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.920%	
62) 4-Bromofluorobenzene	12.495	95	152857	52.251	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	31559	17.710	ug/l	98
3) Chloromethane	2.119	50	50603	15.123	ug/l	97
4) Vinyl Chloride	2.259	62	44948	19.718	ug/l	99
5) Bromomethane	2.668	94	30765	23.860	ug/l	95
6) Chloroethane	2.808	64	27131	18.416	ug/l	99
7) Trichlorofluoromethane	3.131	101	80560	20.835	ug/l	99
8) Diethyl Ether	3.546	74	29165	20.182	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	43646	19.852	ug/l	95
10) Methyl Iodide	4.095	142	52475	20.756	ug/l	99
11) Tert butyl alcohol	4.948	59	18345	13.009	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	41948	20.253	ug/l	89
13) Acrolein	3.759	56	58252	126.896	ug/l	97
14) Allyl chloride	4.485	41	69106	20.648	ug/l	91
15) Acrylonitrile	5.210	53	140700	110.522	ug/l	97
16) Acetone	4.009	43	159681	113.095	ug/l	90
17) Carbon Disulfide	4.192	76	122616	19.369	ug/l	100
18) Methyl Acetate	4.515	43	104495	21.337	ug/l	92
19) Methyl tert-butyl Ether	5.253	73	139467	20.087	ug/l	97
20) Methylene Chloride	4.729	84	53066	16.939	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	47459	19.604	ug/l	93
22) Diisopropyl ether	6.149	45	143853	20.698	ug/l	95
23) Vinyl Acetate	6.088	43	473390	103.537	ug/l #	93
24) 1,1-Dichloroethane	6.033	63	83189	20.118	ug/l	95
25) 2-Butanone	7.033	43	212635	103.476	ug/l	96
26) 2,2-Dichloropropane	6.996	77	67710	19.719	ug/l	96
27) cis-1,2-Dichloroethene	7.003	96	54322	19.956	ug/l	92
28) Bromochloromethane	7.350	49	39729	21.530	ug/l	94
29) Tetrahydrofuran	7.387	42	154013	109.337	ug/l	94
30) Chloroform	7.521	83	86101	20.061	ug/l	96
31) Cyclohexane	7.795	56	73866	19.091	ug/l	93
32) 1,1,1-Trichloroethane	7.716	97	75166	19.691	ug/l	98
36) 1,1-Dichloropropene	7.929	75	65818	19.883	ug/l	99
37) Ethyl Acetate	7.106	43	94227	18.449	ug/l	98
38) Carbon Tetrachloride	7.911	117	68155	19.551	ug/l	99
39) Methylcyclohexane	9.197	83	80965	19.064	ug/l	94
40) Benzene	8.173	78	195010	20.361	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	33963	20.168	ug/l	91
42) 1,2-Dichloroethane	8.252	62	61851	20.126	ug/l	93
43) Isopropyl Acetate	8.295	43	110823	20.197	ug/l #	98
44) Trichloroethene	8.953	130	58400	19.786	ug/l	99
45) 1,2-Dichloropropane	9.228	63	48938	20.024	ug/l	93
46) Dibromomethane	9.319	93	34154	19.882	ug/l	97
47) Bromodichloromethane	9.508	83	69188	19.945	ug/l	99
48) Methyl methacrylate	9.307	41	50616	20.884	ug/l	87
49) 1,4-Dioxane	9.405	88	22423	468.050	ug/l #	36
51) 4-Methyl-2-Pentanone	10.087	43	452781	111.971	ug/l	91
52) Toluene	10.258	92	123102	20.103	ug/l	97
53) t-1,3-Dichloropropene	10.477	75	77719	19.982	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	84338	20.172	ug/l #	88
55) 1,1,2-Trichloroethane	10.660	97	50357	20.589	ug/l	96
56) Ethyl methacrylate	10.520	69	76838	20.068	ug/l #	86
57) 1,3-Dichloropropane	10.801	76	85450	20.594	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	197883	117.776	ug/l	94
59) 2-Hexanone	10.843	43	385227	111.602	ug/l	89
60) Dibromochloromethane	10.996	129	56415	20.284	ug/l	99
61) 1,2-Dibromoethane	11.099	107	53364	20.164	ug/l	100
64) Tetrachloroethene	10.734	164	52750	18.769	ug/l	99
65) Chlorobenzene	11.526	112	135401	20.045	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	49984	19.989	ug/l	98
67) Ethyl Benzene	11.605	91	238020	20.152	ug/l	99
68) m/p-Xylenes	11.715	106	186333	40.878	ug/l	94
69) o-Xylene	12.038	106	88572	20.324	ug/l	96
70) Styrene	12.056	104	150522	20.295	ug/l	96
71) Bromoform	12.221	173	42656	20.032	ug/l #	99
73) Isopropylbenzene	12.343	105	229653	19.359	ug/l	100
74) N-amyl acetate	12.154	43	98396	20.531	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	71793	19.703	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	104824	31.964	ug/l #	100
77) Bromobenzene	12.617	156	58361	19.597	ug/l	91
78) n-propylbenzene	12.684	91	284313	19.709	ug/l	100
79) 2-Chlorotoluene	12.770	91	159395	19.536	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	192870	19.570	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	27795	19.966	ug/l	94
82) 4-Chlorotoluene	12.867	91	166644	19.872	ug/l	99
83) tert-Butylbenzene	13.087	119	167937	19.392	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	196142	19.826	ug/l	98
85) sec-Butylbenzene	13.264	105	252144	19.618	ug/l	100
86) p-Isopropyltoluene	13.379	119	213314	19.861	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	112512	19.673	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	115176	19.943	ug/l	99
89) n-Butylbenzene	13.709	91	200339	19.836	ug/l	97
90) Hexachloroethane	13.971	117	40292	19.573	ug/l	89
91) 1,2-Dichlorobenzene	13.751	146	106495	19.847	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.367	75	21609	20.731	ug/l	89
93) 1,2,4-Trichlorobenzene	15.019	180	69392	19.675	ug/l	99
94) Hexachlorobutadiene	15.123	225	36352	20.300	ug/l	96
95) Naphthalene	15.245	128	228577	19.978	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	67472	19.955	ug/l	99

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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

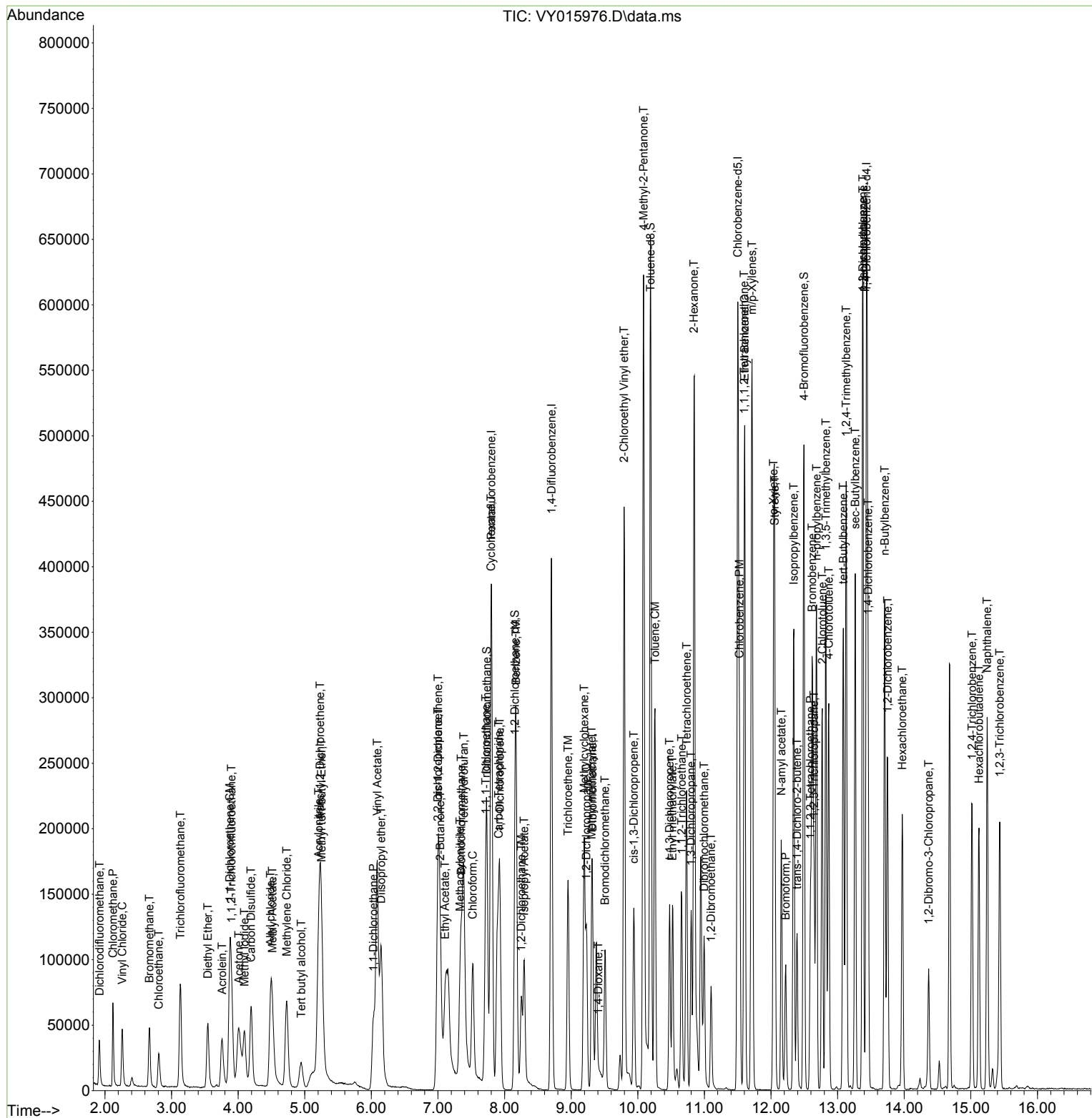
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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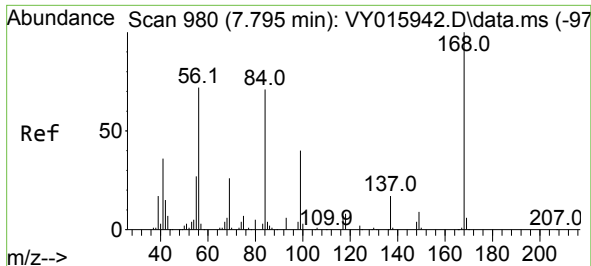
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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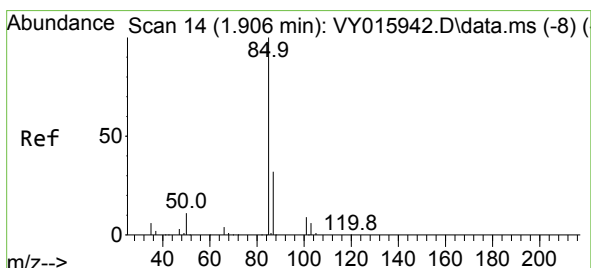
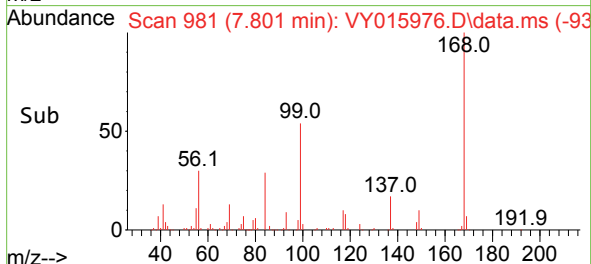
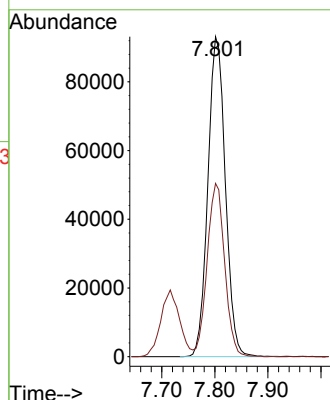
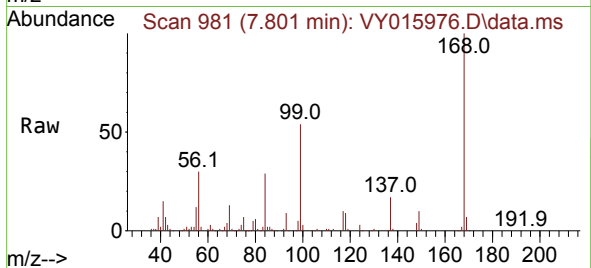




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015976.D
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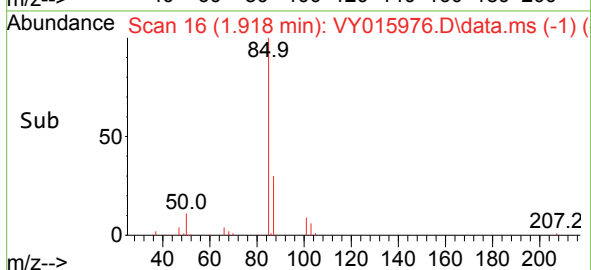
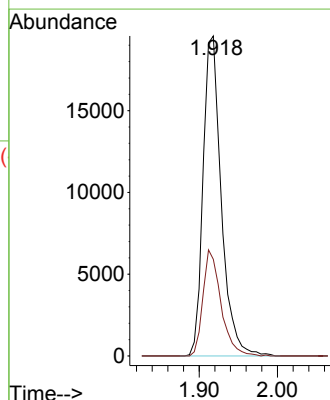
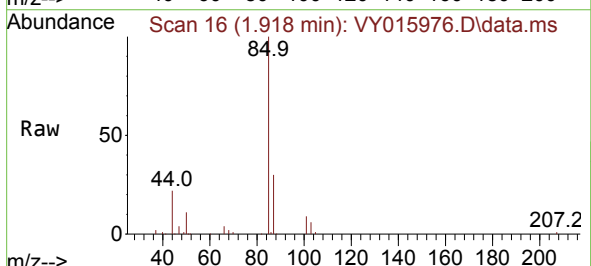
Instrument :
MSVOA_Y
ClientSampleId :

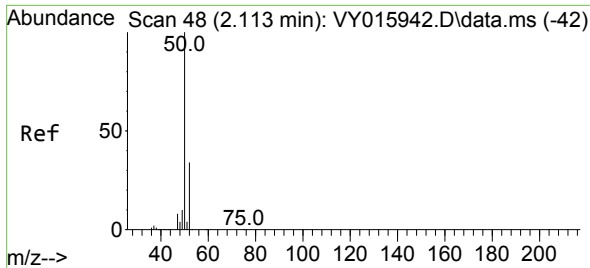
Tgt Ion:168 Resp: 212972
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 17.710 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion: 85 Resp: 31559
Ion Ratio Lower Upper
85 100
87 30.2 15.6 46.8

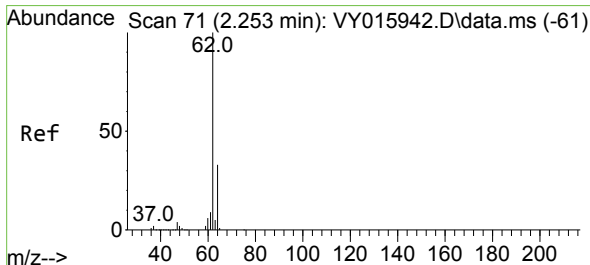
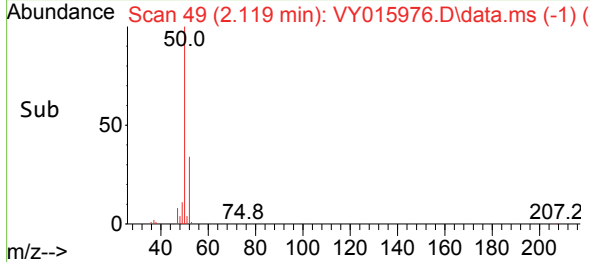
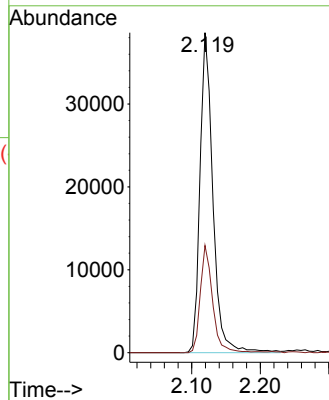
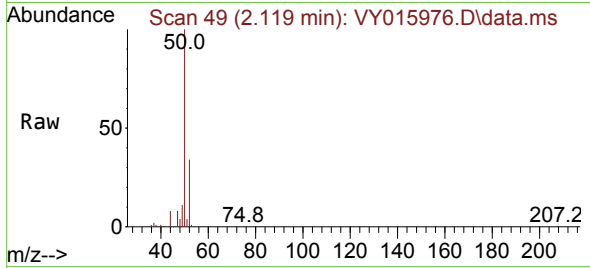




#3
Chloromethane
Concen: 15.123 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

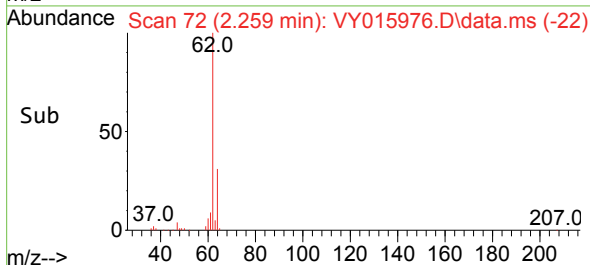
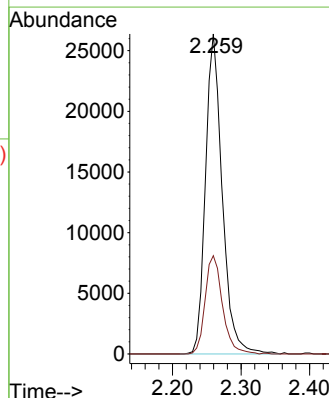
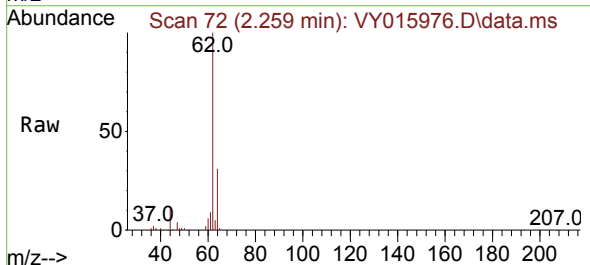
Instrument :
MSVOA_Y
ClientSampleId :

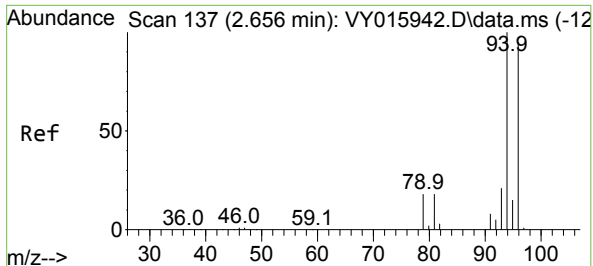
Tgt Ion: 50 Resp: 50603
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2



#4
Vinyl Chloride
Concen: 19.718 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion: 62 Resp: 44948
Ion Ratio Lower Upper
62 100
64 30.7 24.3 36.5

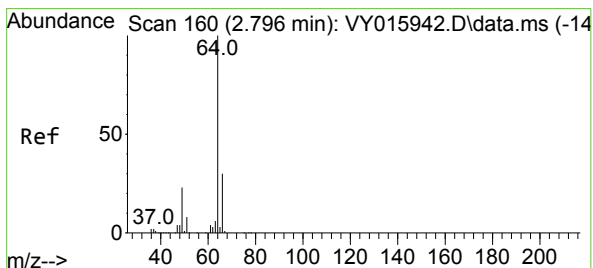
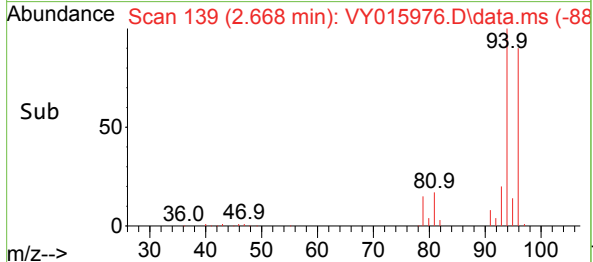
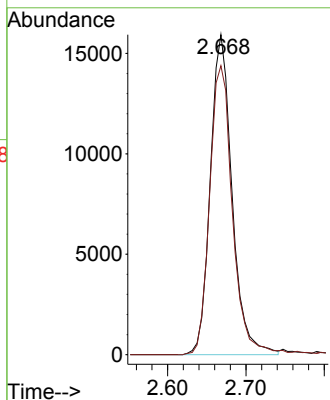
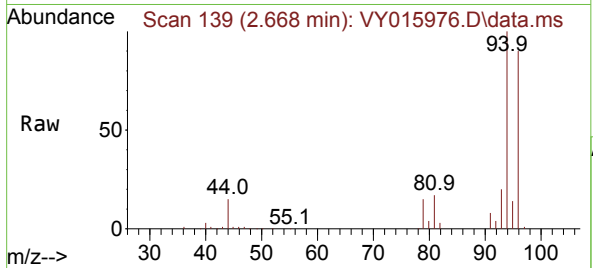




#5
Bromomethane
Concen: 23.860 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015976.D
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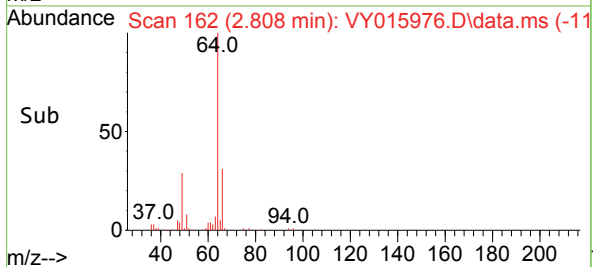
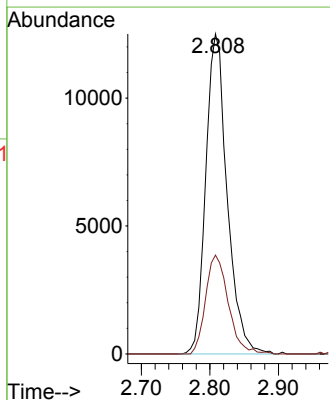
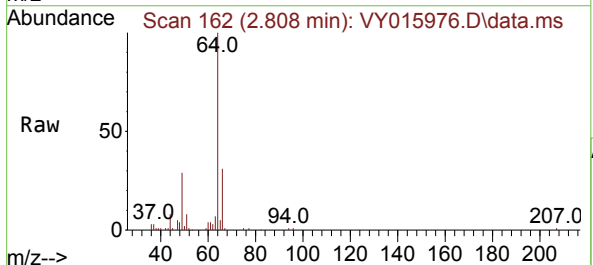
Instrument :
MSVOA_Y
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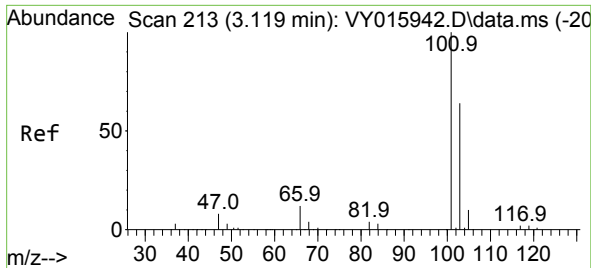
Tgt Ion: 94 Resp: 30765
Ion Ratio Lower Upper
94 100
96 90.3 75.8 113.6



#6
Chloroethane
Concen: 18.416 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.012 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion: 64 Resp: 27131
Ion Ratio Lower Upper
64 100
66 30.9 24.4 36.6

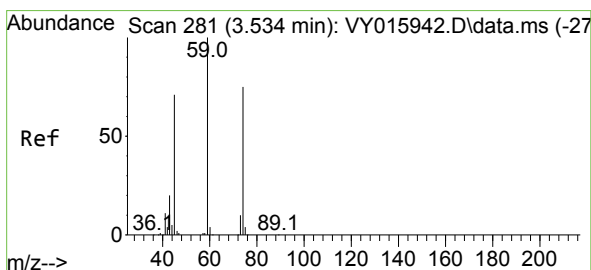
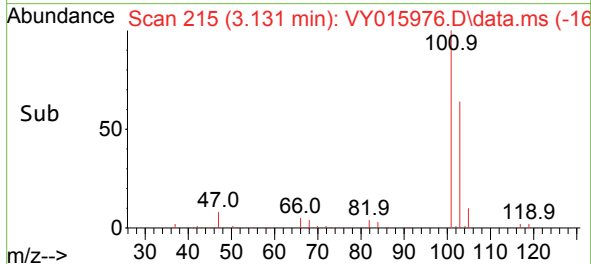
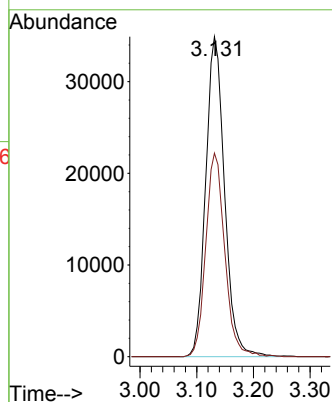
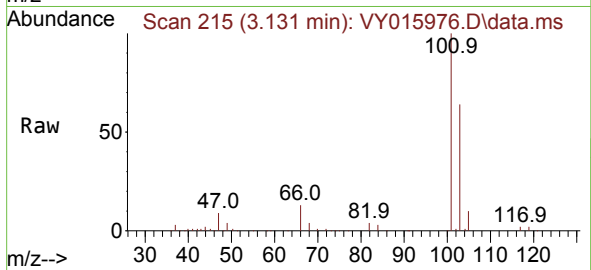




#7
Trichlorofluoromethane
Concen: 20.835 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

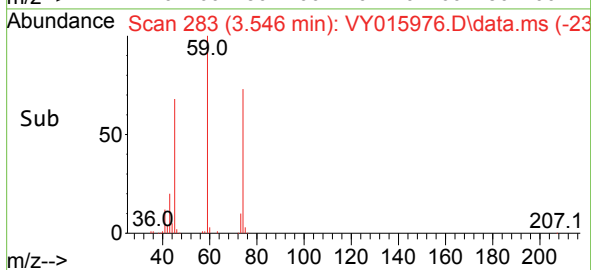
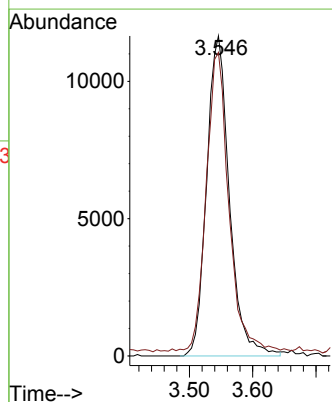
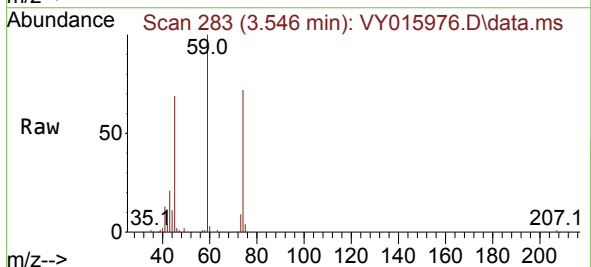
Instrument :
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ClientSampleId :

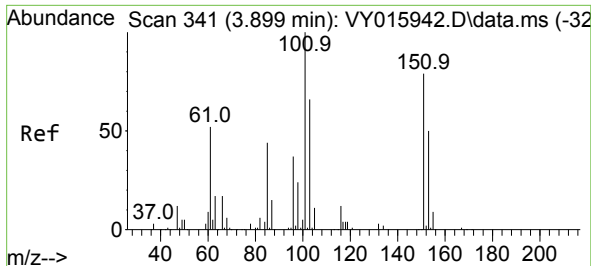
Tgt Ion:101 Resp: 80560
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0



#8
Diethyl Ether
Concen: 20.182 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.012 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion: 74 Resp: 29165
Ion Ratio Lower Upper
74 100
45 92.3 51.5 154.5

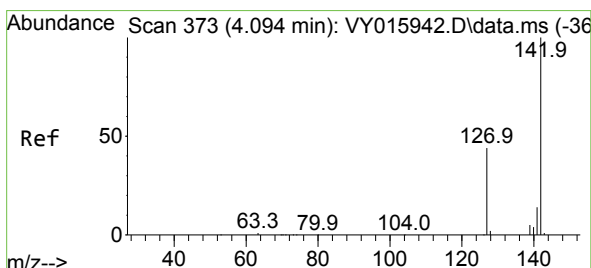
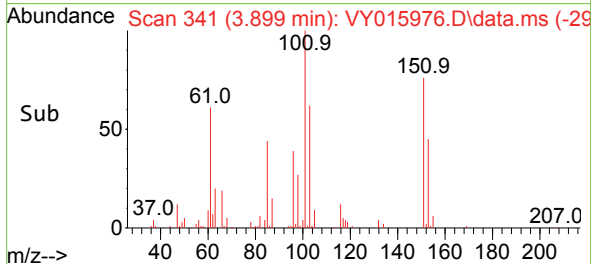
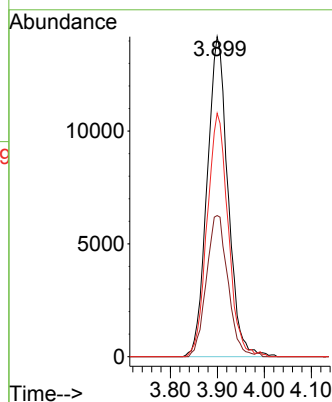
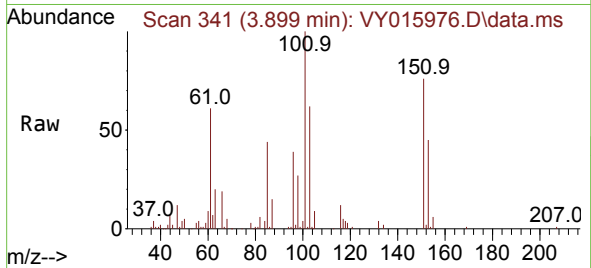




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.852 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

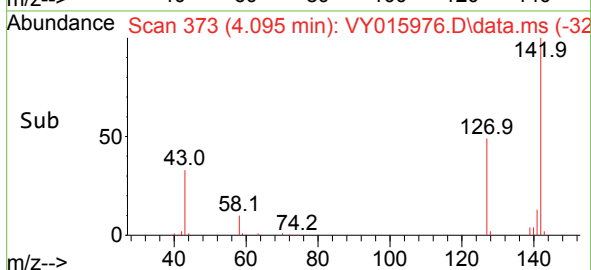
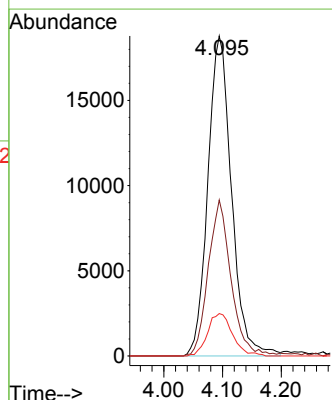
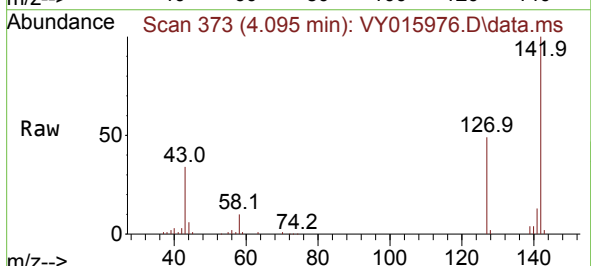
Instrument :
MSVOA_Y
ClientSampleId :

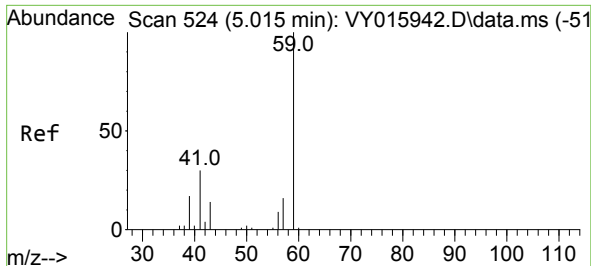
Tgt Ion:101 Resp: 43646
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 76.9 67.0 100.6



#10
Methyl Iodide
Concen: 20.756 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

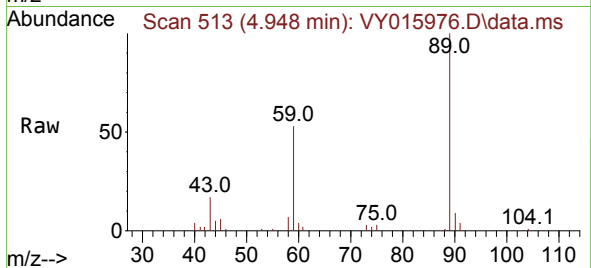
Tgt Ion:142 Resp: 52475
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 14.0 11.8 17.8



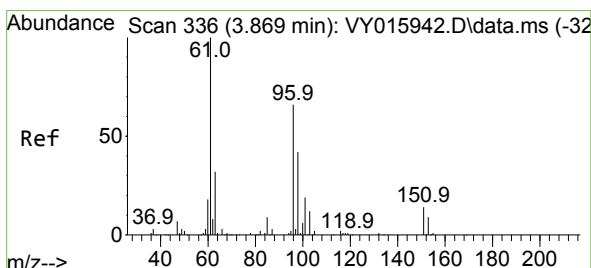
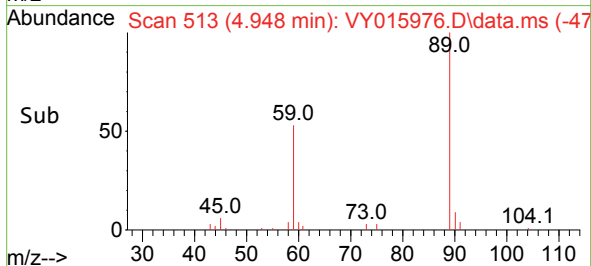
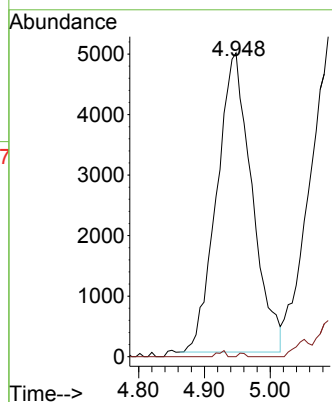


#11
Tert butyl alcohol
Concen: 13.009 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.067 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Instrument :
MSVOA_Y
ClientSampleId :

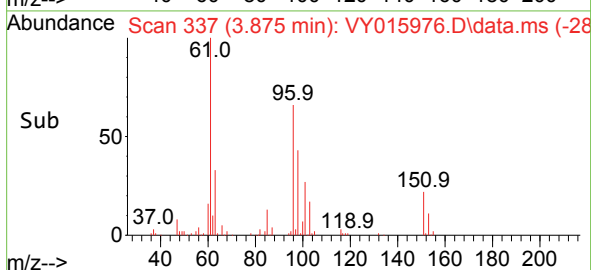
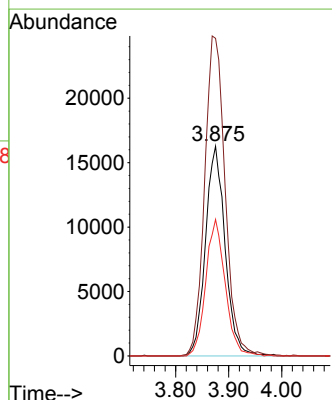
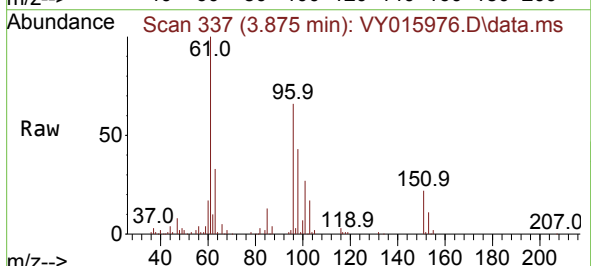


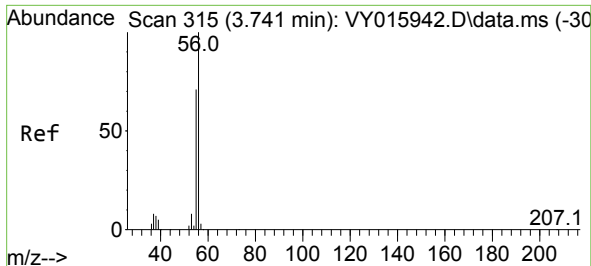
Tgt Ion: 59 Resp: 18345
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.253 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

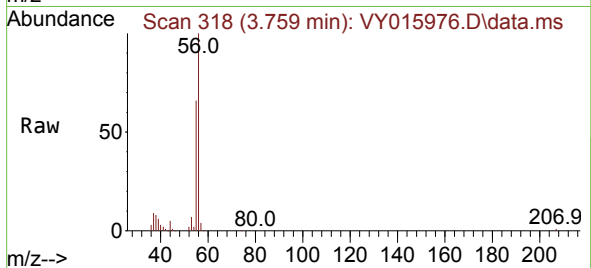
Tgt Ion: 96 Resp: 41948
Ion Ratio Lower Upper
96 100
61 151.5 136.4 204.6
98 65.1 49.4 74.2



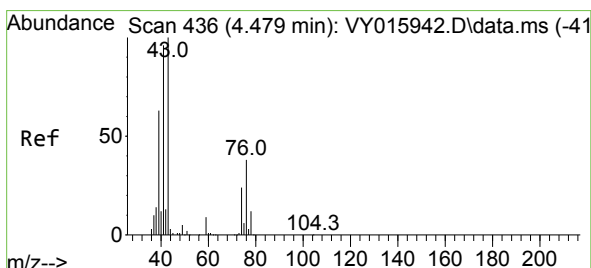
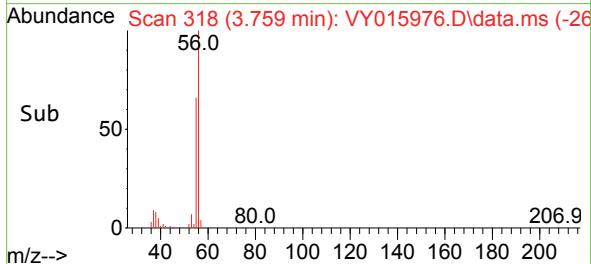
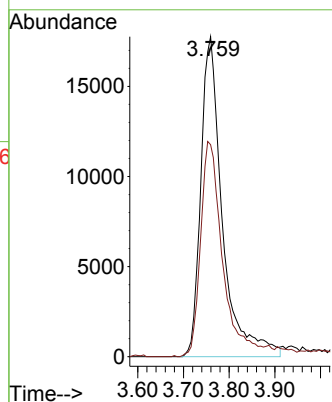


#13
Acrolein
Concen: 126.896 ug/l
RT: 3.759 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Instrument :
MSVOA_Y
ClientSampleId :

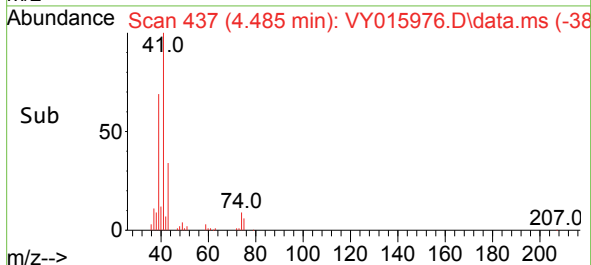
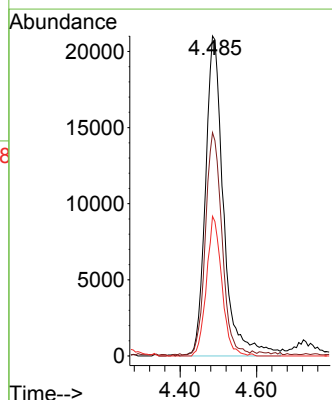
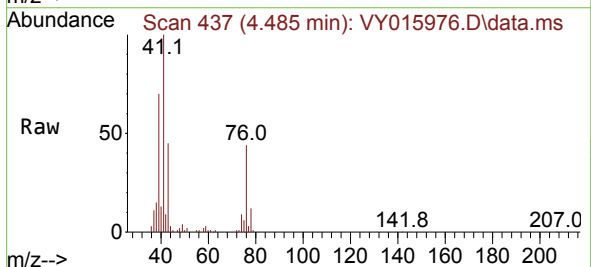


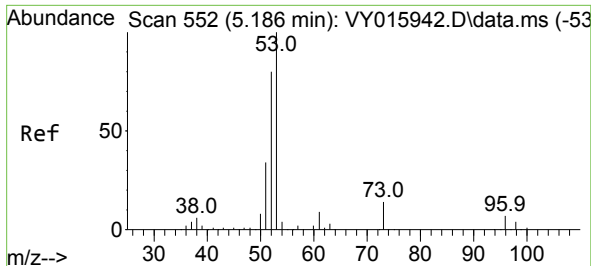
Tgt Ion: 56 Resp: 58252
Ion Ratio Lower Upper
56 100
55 68.4 57.0 85.4



#14
Allyl chloride
Concen: 20.648 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

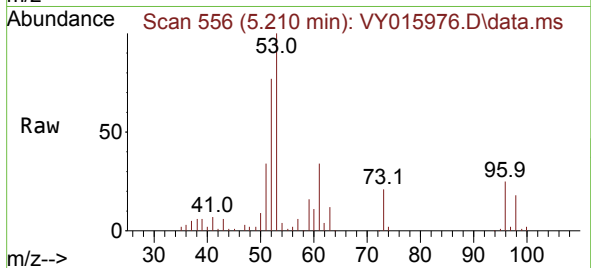
Tgt Ion: 41 Resp: 69106
Ion Ratio Lower Upper
41 100
39 62.8 58.0 87.0
76 36.9 27.4 41.2



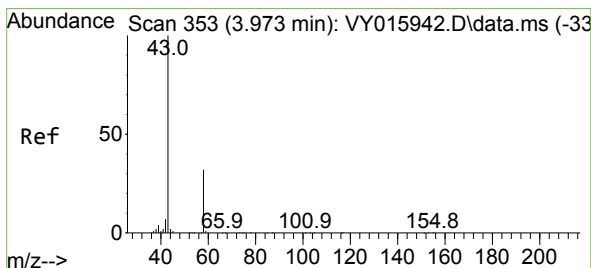
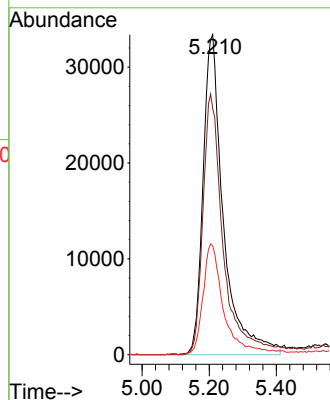
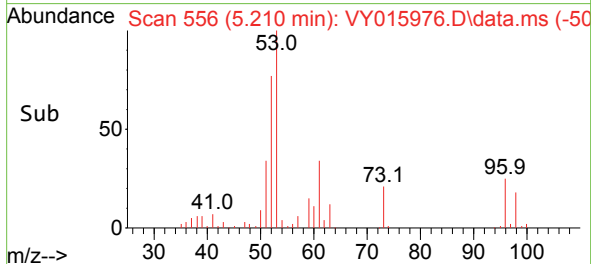


#15
Acrylonitrile
Concen: 110.522 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Instrument :
MSVOA_Y
ClientSampleId :

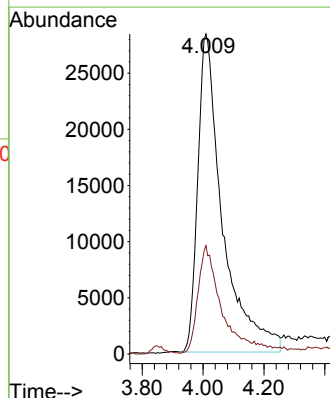
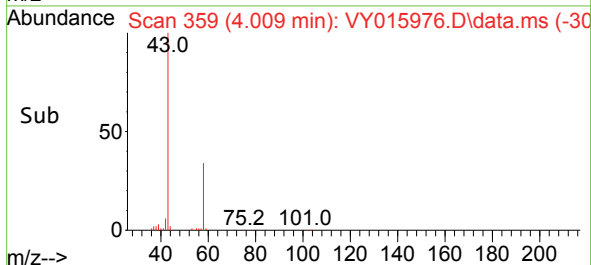
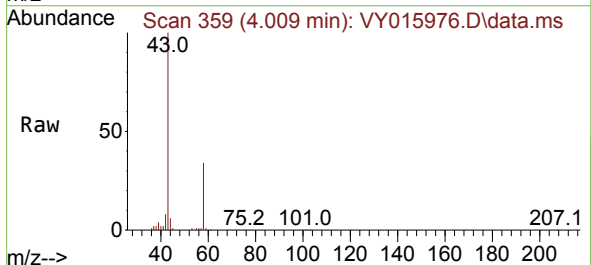


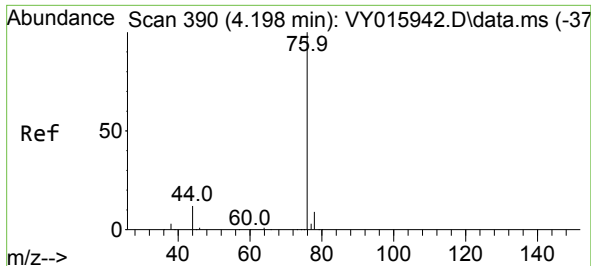
Tgt Ion: 53 Resp: 140700
Ion Ratio Lower Upper
53 100
52 80.7 66.9 100.3
51 35.1 29.8 44.6



#16
Acetone
Concen: 113.095 ug/l
RT: 4.009 min Scan# 359
Delta R.T. 0.037 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion: 43 Resp: 159681
Ion Ratio Lower Upper
43 100
58 33.9 22.7 34.1

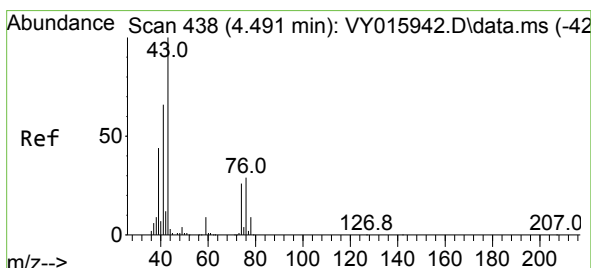
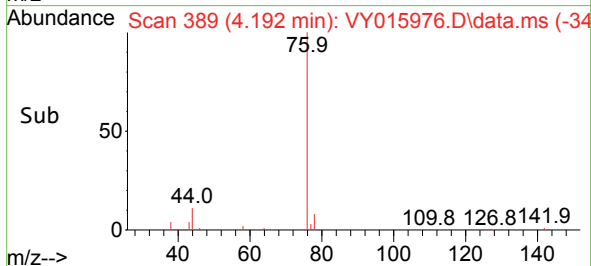
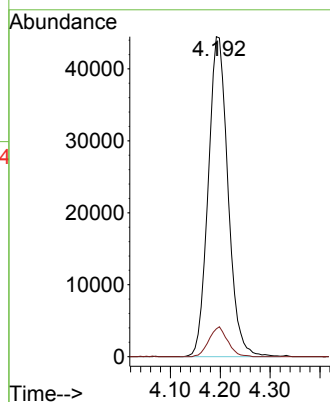
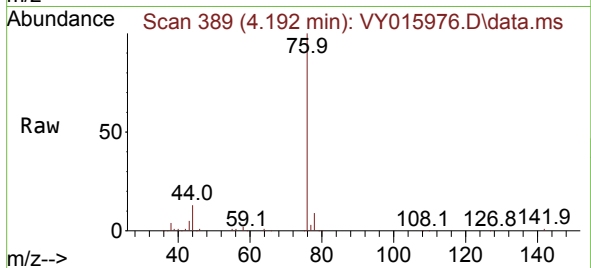




#17
Carbon Disulfide
Concen: 19.369 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

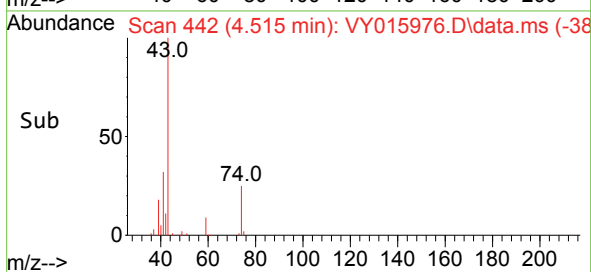
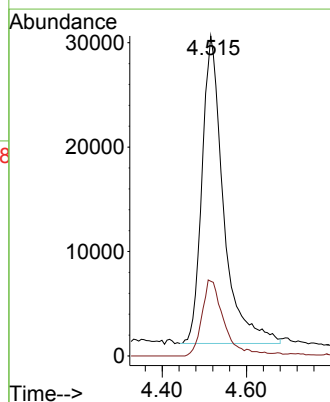
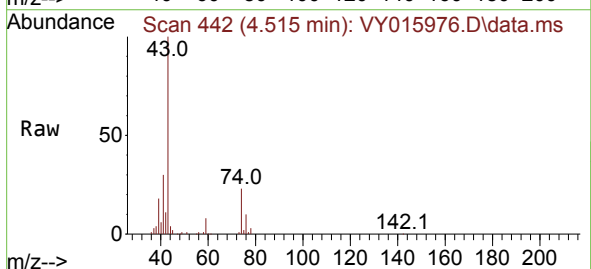
Instrument :
MSVOA_Y
ClientSampleId :

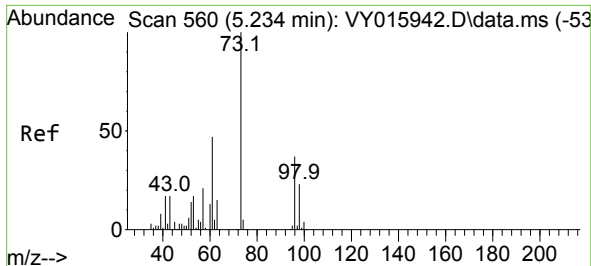
Tgt Ion: 76 Resp: 122616
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 21.337 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.024 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion: 43 Resp: 104495
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0

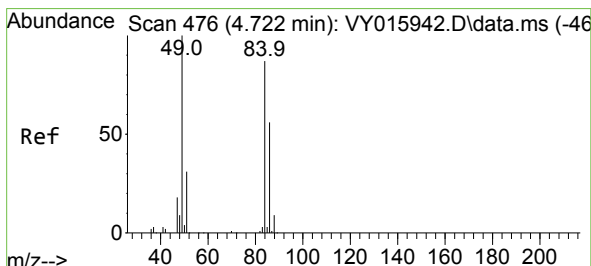
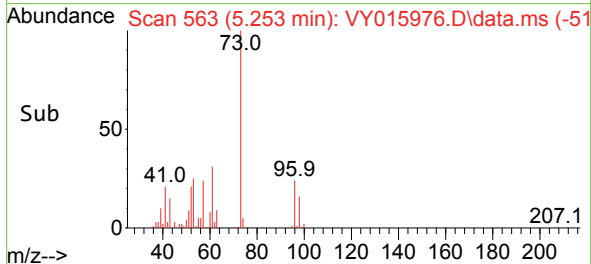
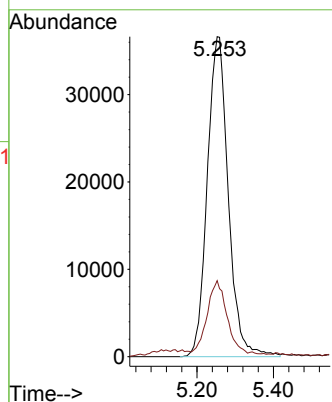
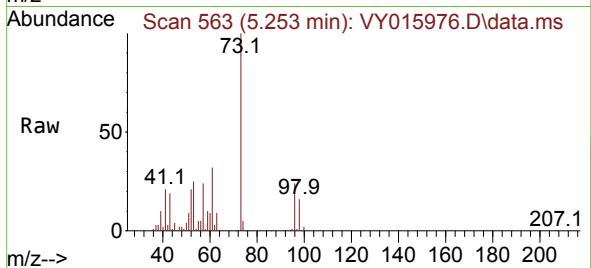




#19
Methyl tert-butyl Ether
Concen: 20.087 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

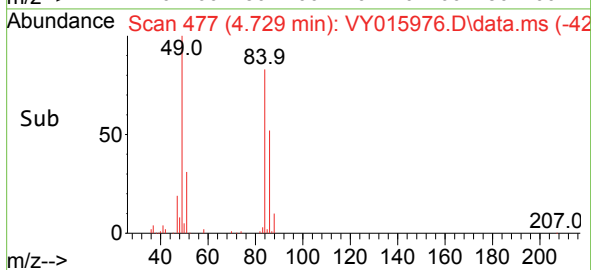
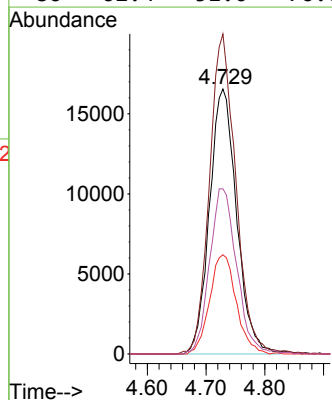
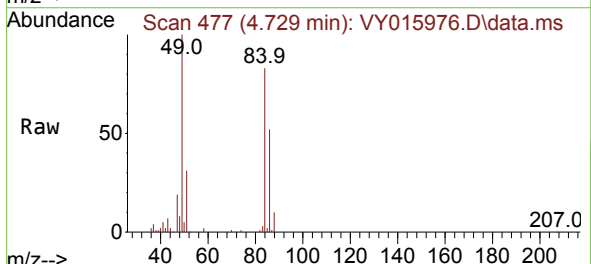
Instrument :
MSVOA_Y
ClientSampleId :

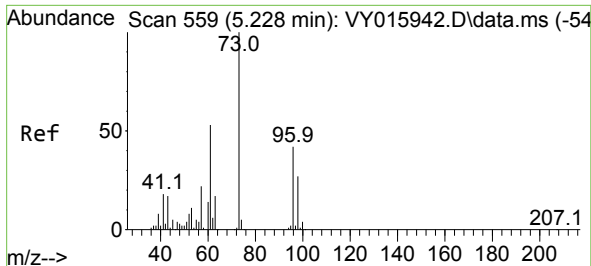
Tgt Ion: 73 Resp: 139467
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9



#20
Methylene Chloride
Concen: 16.939 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

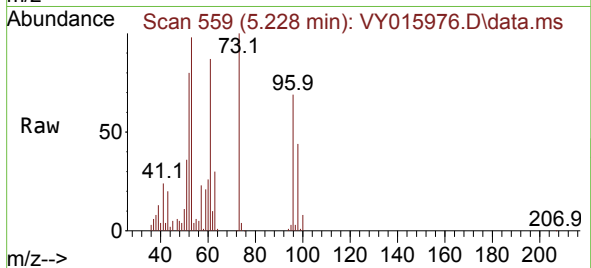
Tgt Ion: 84 Resp: 53066
Ion Ratio Lower Upper
84 100
49 120.4 106.9 160.3
51 37.4 33.2 49.8
86 62.4 51.0 76.6



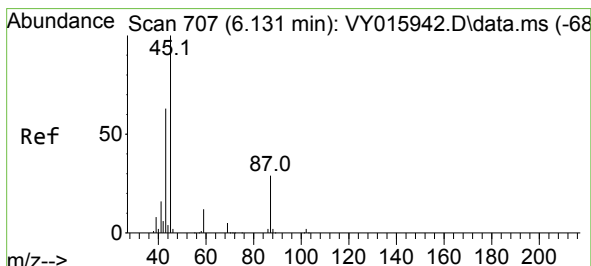
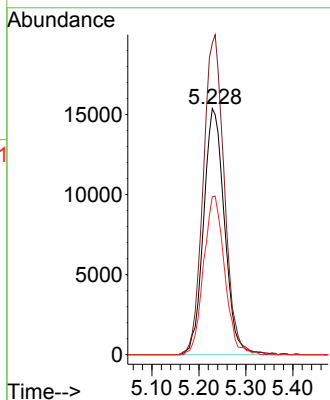
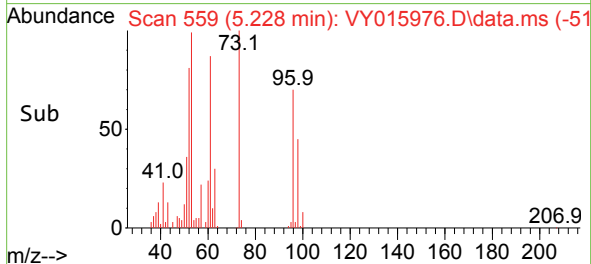


#21
trans-1,2-Dichloroethene
Concen: 19.604 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Instrument :
MSVOA_Y
ClientSampleId :

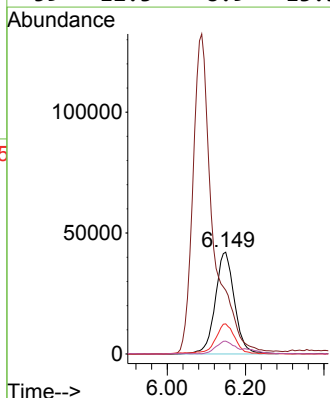
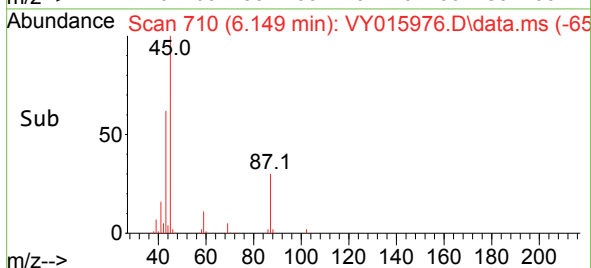
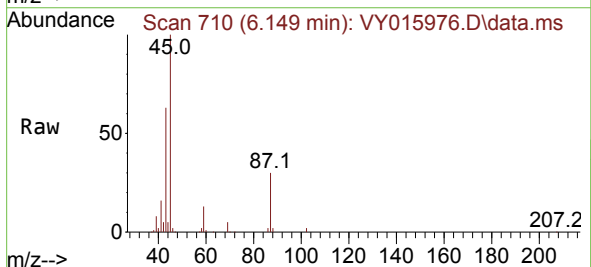


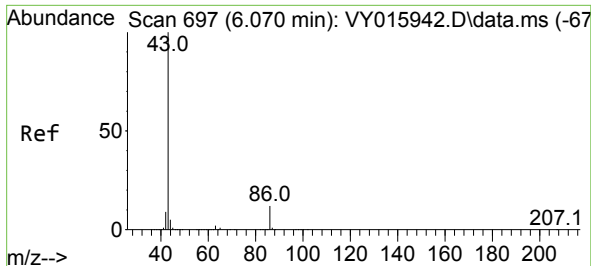
Tgt Ion: 96 Resp: 47459
Ion Ratio Lower Upper
96 100
61 126.5 110.2 165.4
98 64.1 51.8 77.6



#22
Diisopropyl ether
Concen: 20.698 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.018 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

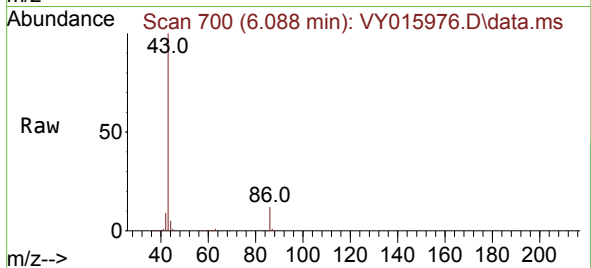
Tgt Ion: 45 Resp: 143853
Ion Ratio Lower Upper
45 100
43 61.1 52.2 78.4
87 29.3 21.0 31.6
59 12.3 8.9 13.3



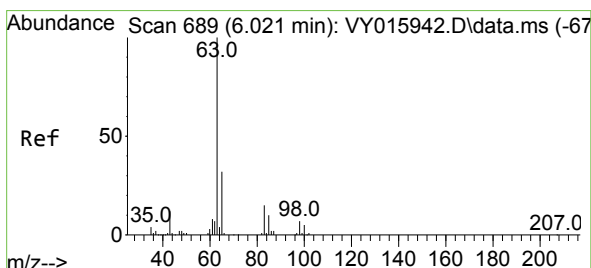
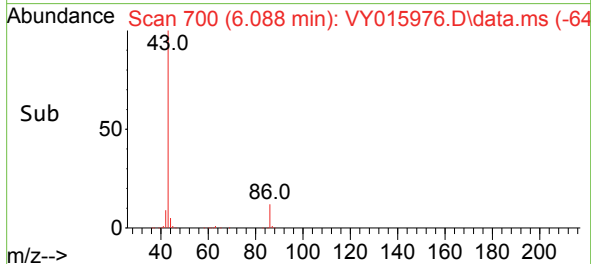
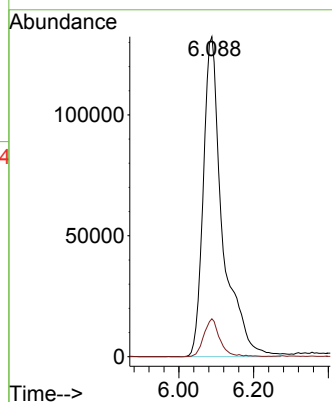


#23
 Vinyl Acetate
 Concen: 103.537 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.018 min
 Lab File: VY015976.D
 Acq: 16 Oct 2023 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :

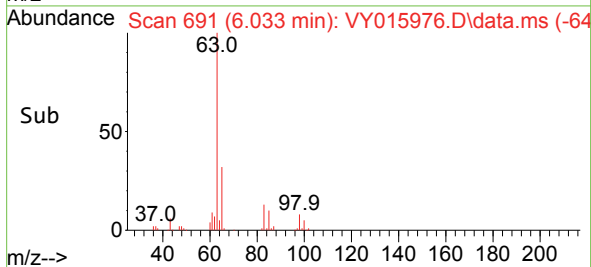
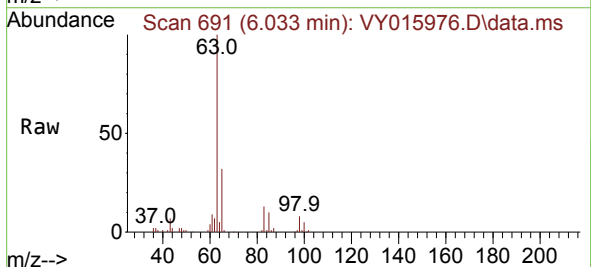
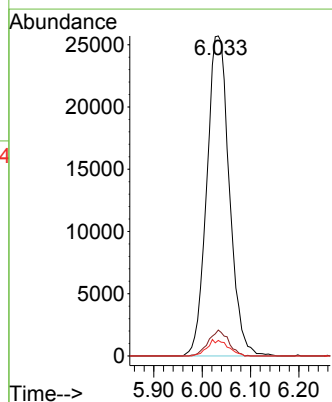


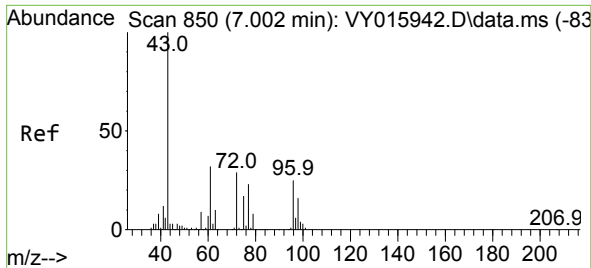
Tgt Ion: 43 Resp: 473390
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.118 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY015976.D
 Acq: 16 Oct 2023 10:35

Tgt Ion: 63 Resp: 83189
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 4.9 1.8 5.5

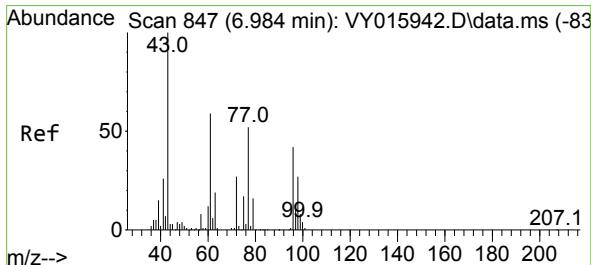
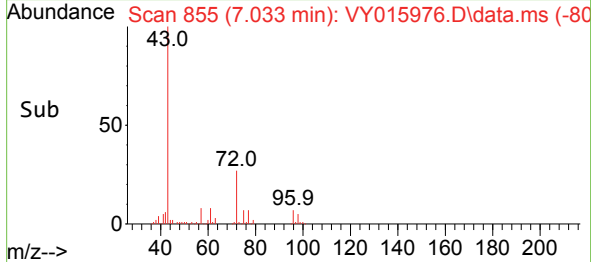
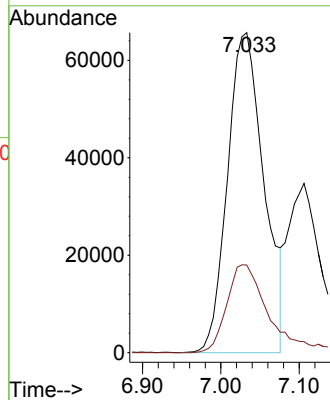
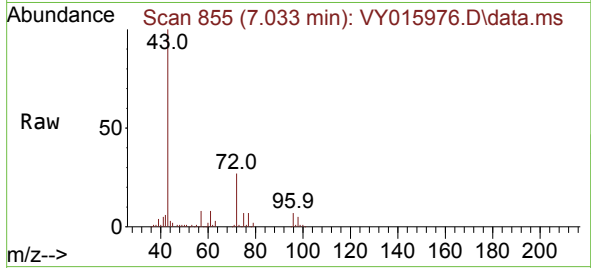




#25
2-Butanone
Concen: 103.476 ug/l
RT: 7.033 min Scan# 850
Delta R.T. 0.031 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

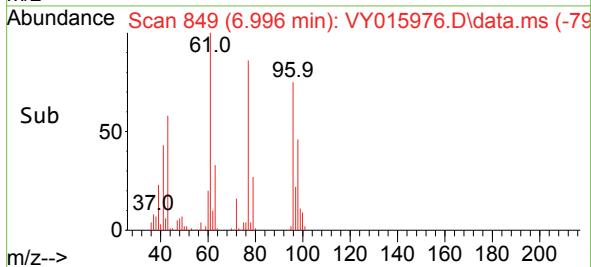
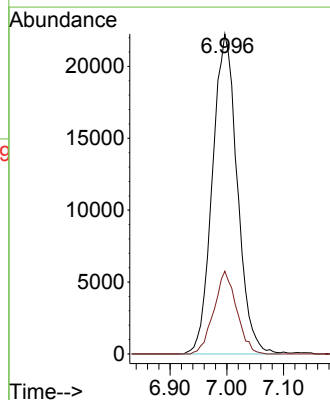
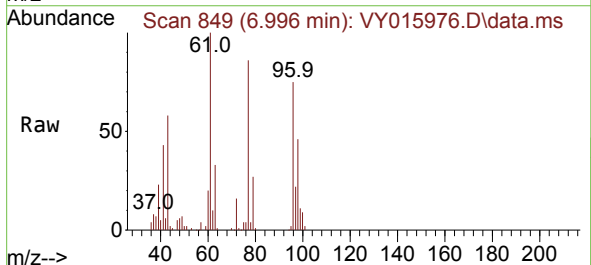
Instrument :
MSVOA_Y
ClientSampleId :

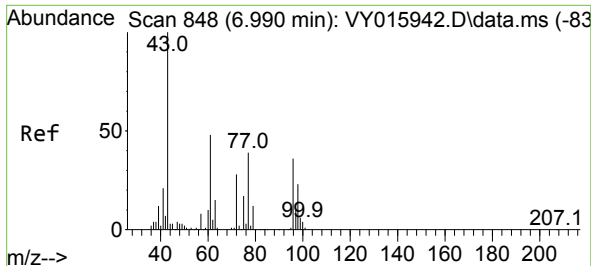
Tgt Ion: 43 Resp: 212635
Ion Ratio Lower Upper
43 100
72 27.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.719 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion: 77 Resp: 67710
Ion Ratio Lower Upper
77 100
97 23.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.956 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.012 min

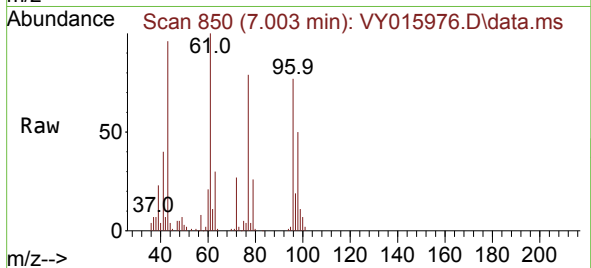
Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :



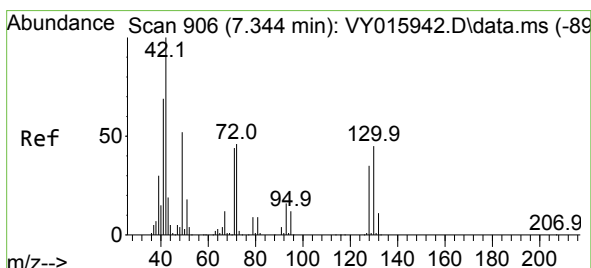
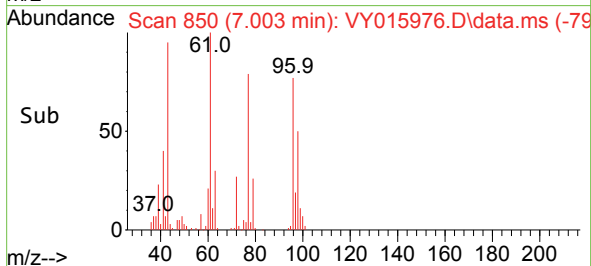
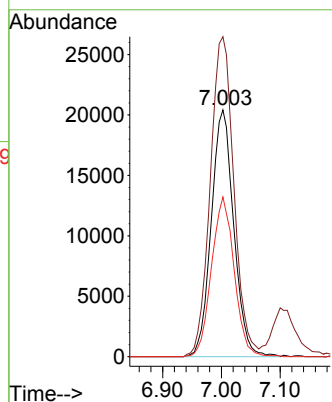
Tgt Ion: 96 Resp: 54322

Ion Ratio Lower Upper

96 100

61 135.9 0.0 301.4

98 65.2 0.0 130.4



#28

Bromochloromethane

Concen: 21.530 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

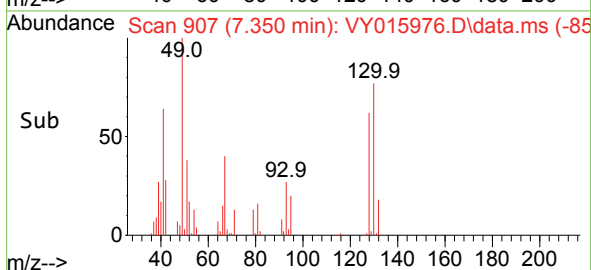
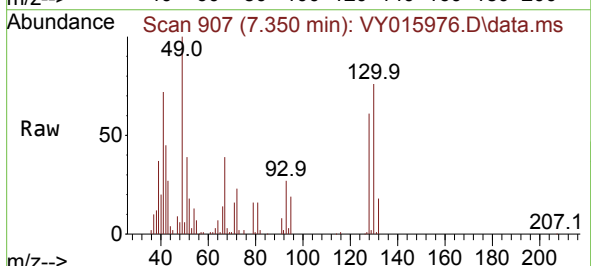
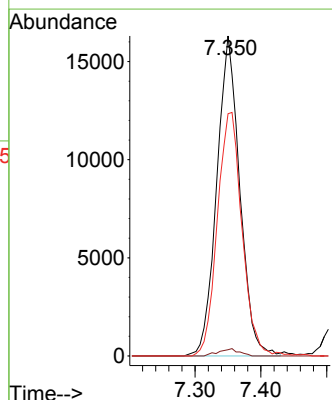
Tgt Ion: 49 Resp: 39729

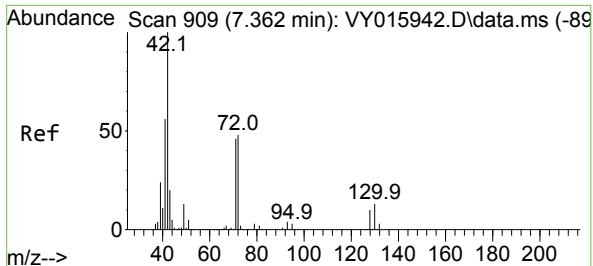
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 81.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 109.337 ug/l

RT: 7.387 min Scan# 913

Delta R.T. 0.024 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

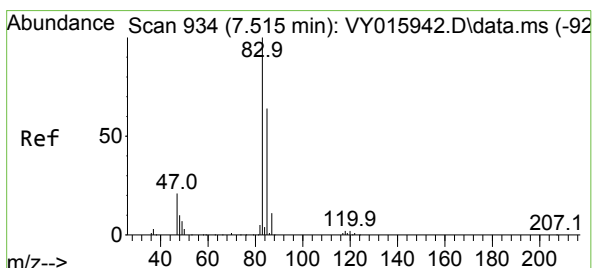
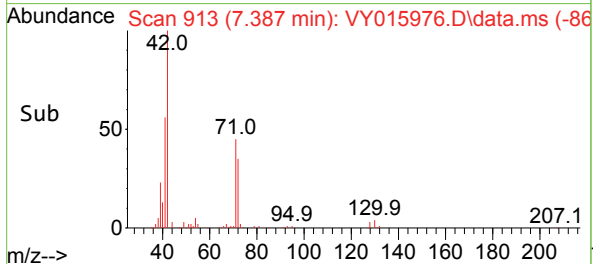
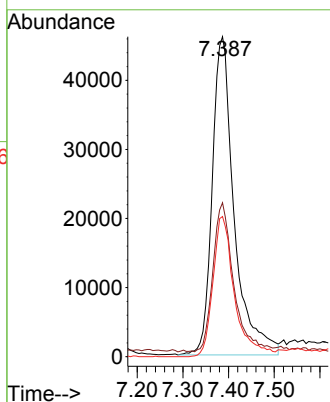
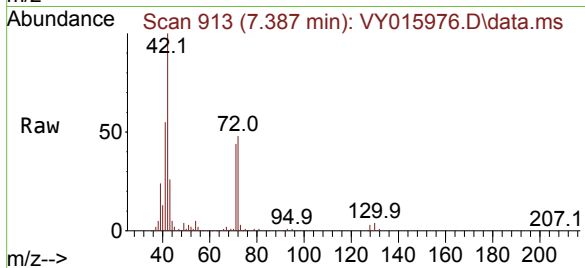
Tgt Ion: 42 Resp: 154013

Ion Ratio Lower Upper

42 100

72 43.7 32.8 49.2

71 43.3 31.0 46.4



#30

Chloroform

Concen: 20.061 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY015976.D

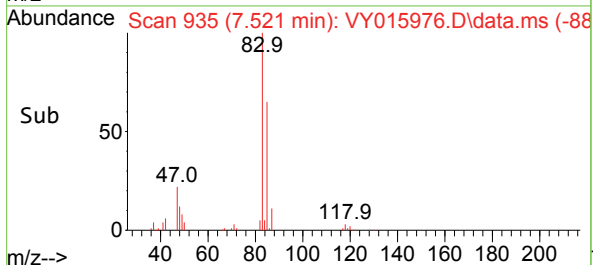
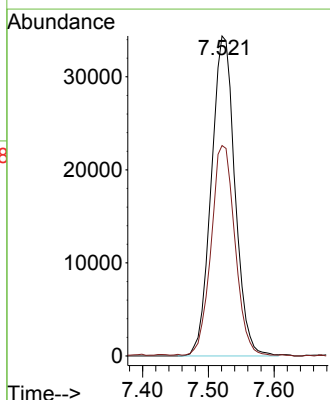
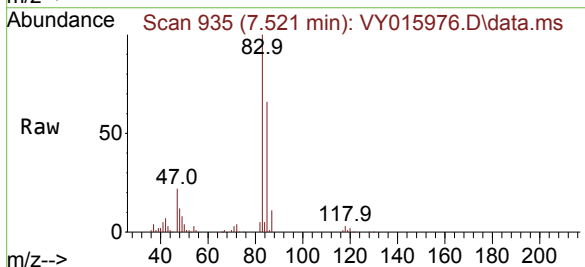
Acq: 16 Oct 2023 10:35

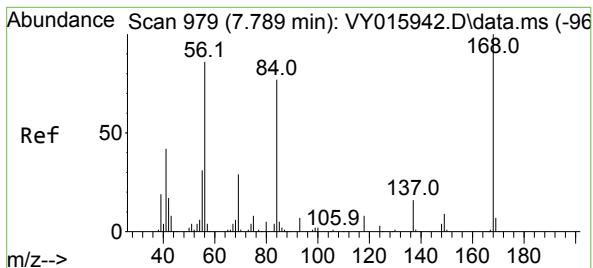
Tgt Ion: 83 Resp: 86101

Ion Ratio Lower Upper

83 100

85 65.5 49.7 74.5





#31

Cyclohexane

Concen: 19.091 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

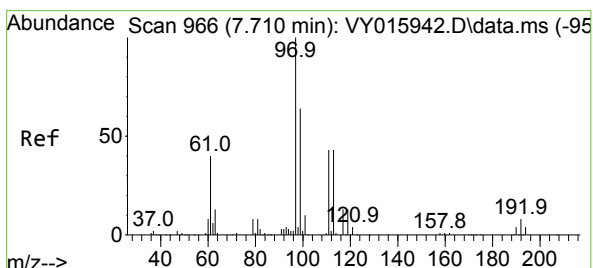
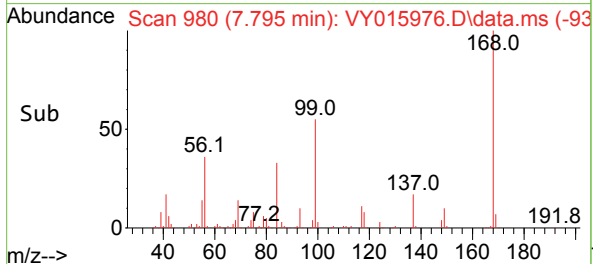
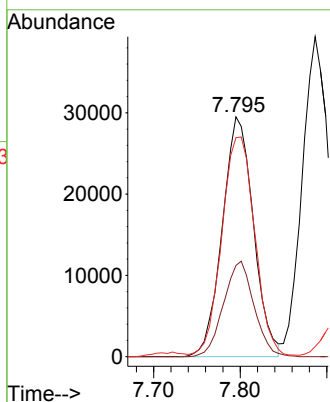
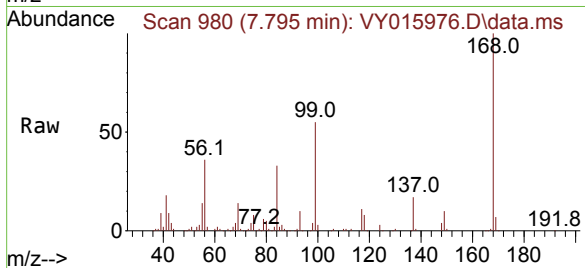
Tgt Ion: 56 Resp: 73866

Ion Ratio Lower Upper

56 100

69 38.0 27.8 41.6

84 90.0 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 19.691 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

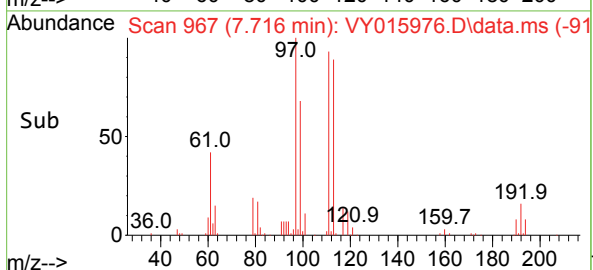
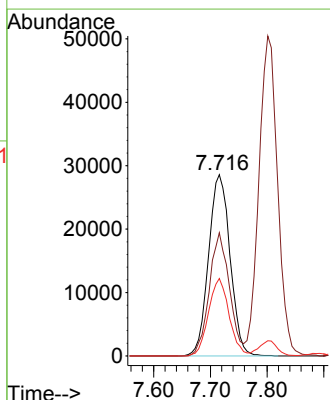
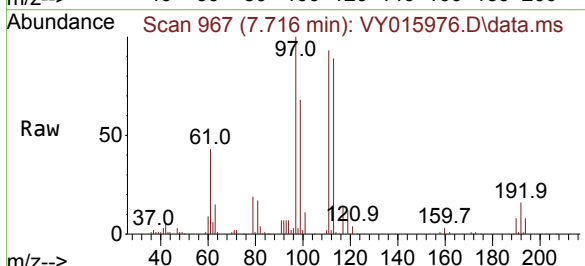
Tgt Ion: 97 Resp: 75166

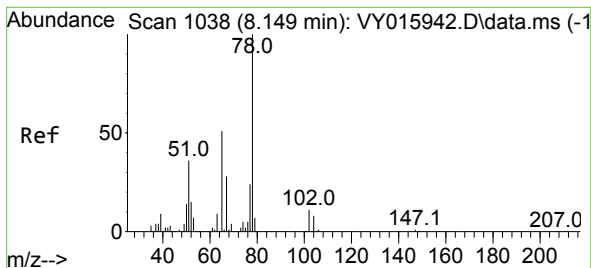
Ion Ratio Lower Upper

97 100

99 64.1 50.8 76.2

61 40.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.104 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

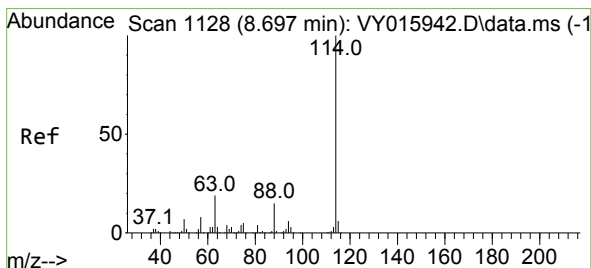
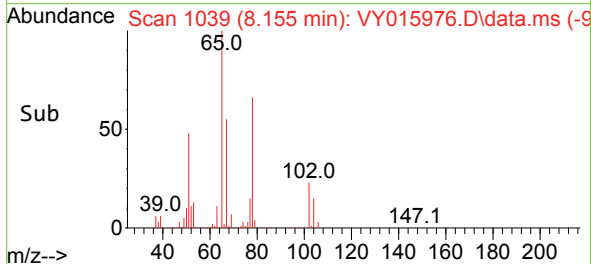
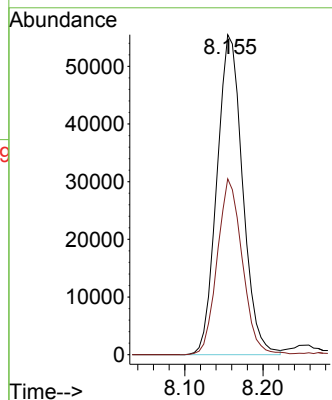
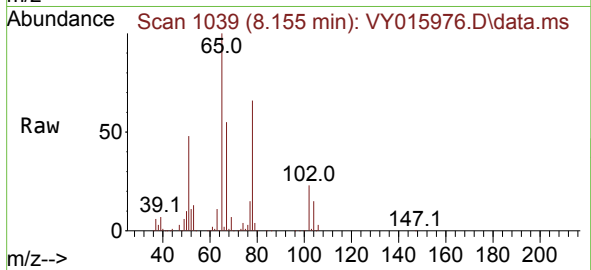
ClientSampleId :

Tgt Ion: 65 Resp: 126643

Ion Ratio Lower Upper

65 100

67 53.6 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: VY015976.D

Acq: 16 Oct 2023 10:35

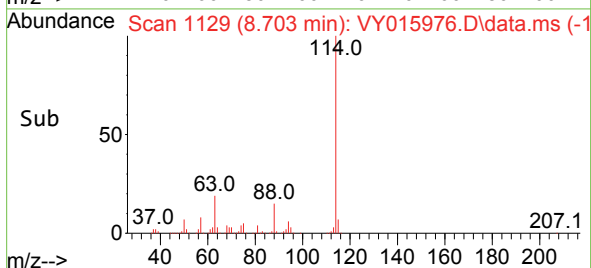
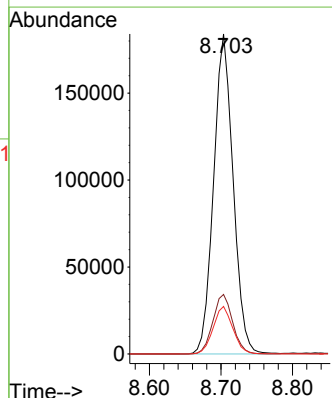
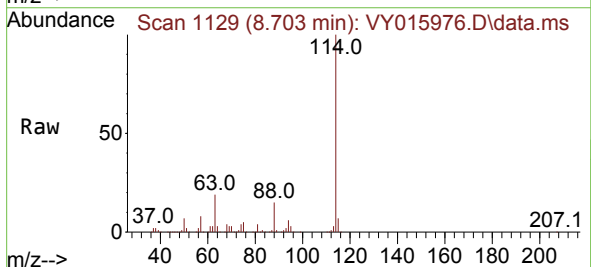
Tgt Ion:114 Resp: 348472

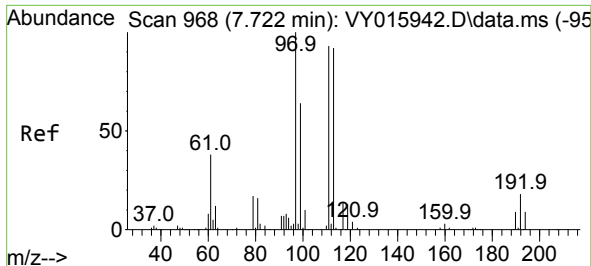
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.8 0.0 30.6

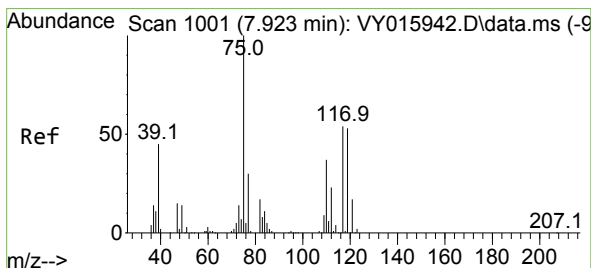
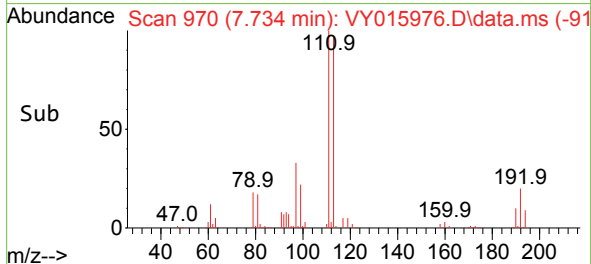
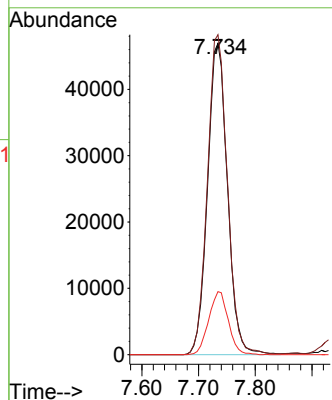
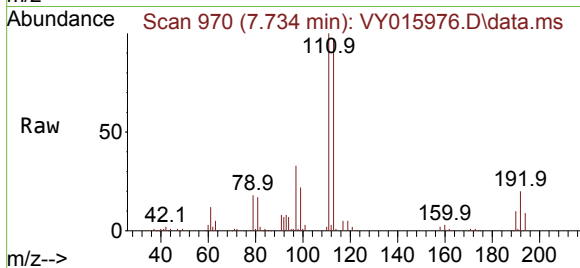




#35
Dibromofluoromethane
Concen: 52.253 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

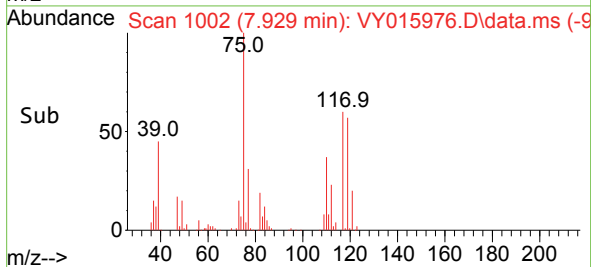
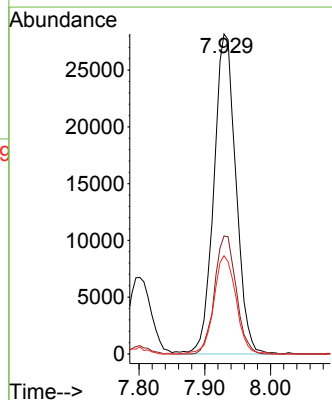
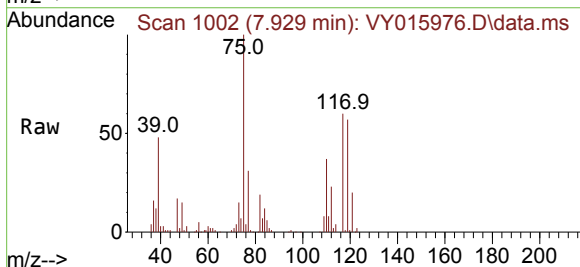
Instrument :
MSVOA_Y
ClientSampleId :

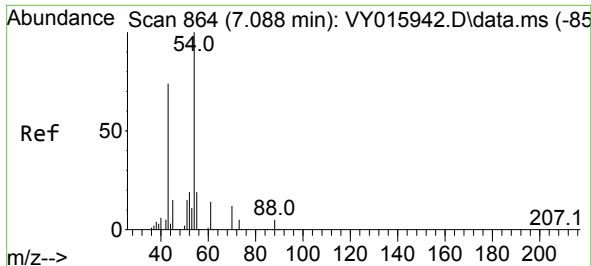
Tgt Ion:113 Resp: 114633
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.883 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion: 75 Resp: 65818
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 18.449 ug/l

RT: 7.106 min Scan# 8

Delta R.T. 0.018 min

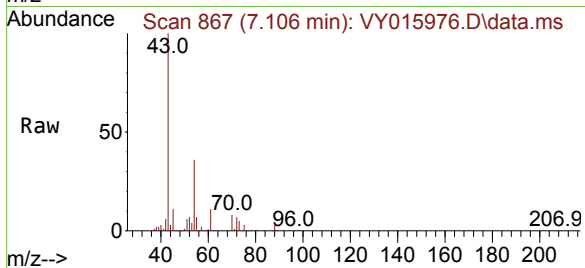
Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :



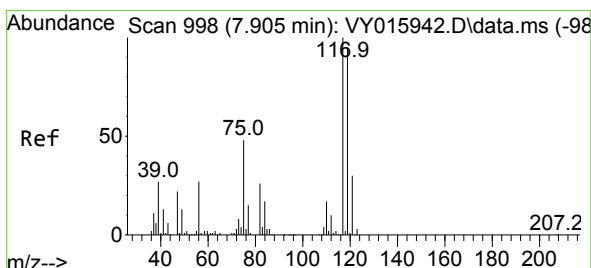
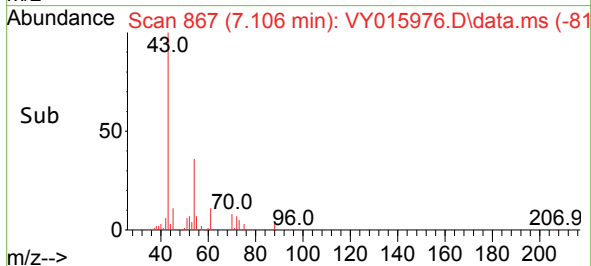
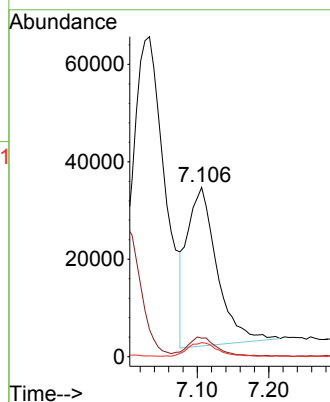
Tgt Ion: 43 Resp: 94227

Ion Ratio Lower Upper

43 100

61 11.7 10.1 15.1

70 9.2 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.551 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

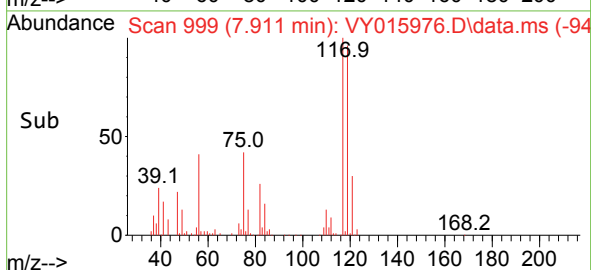
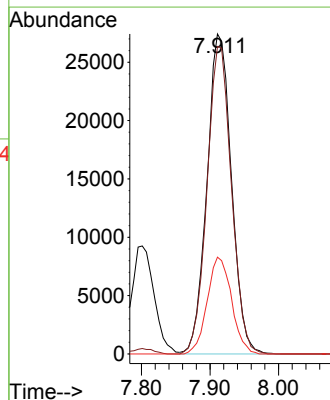
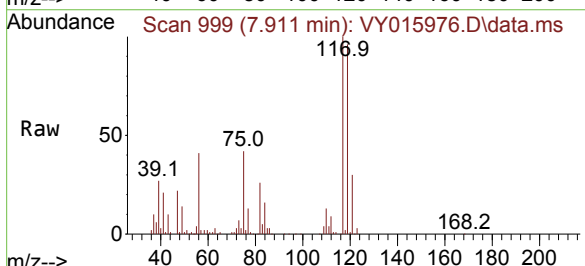
Tgt Ion: 117 Resp: 68155

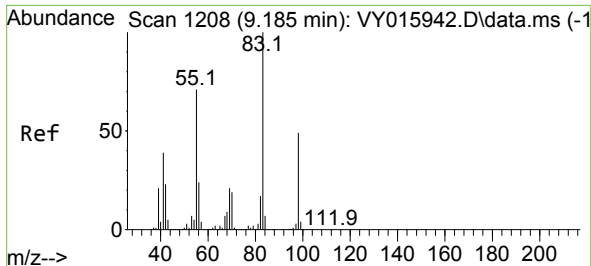
Ion Ratio Lower Upper

117 100

119 96.1 76.4 114.6

121 30.2 25.8 38.6





#39

Methylcyclohexane

Concen: 19.064 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

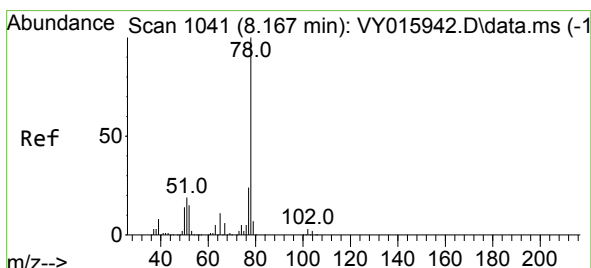
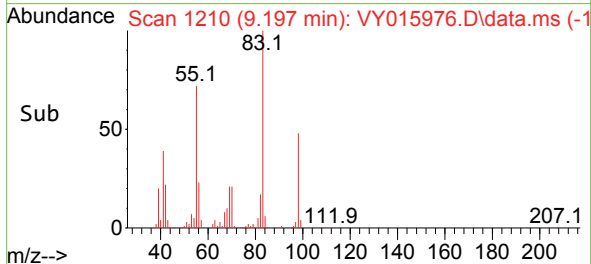
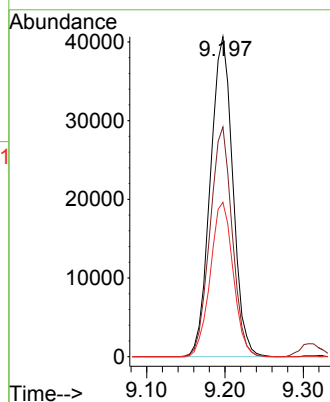
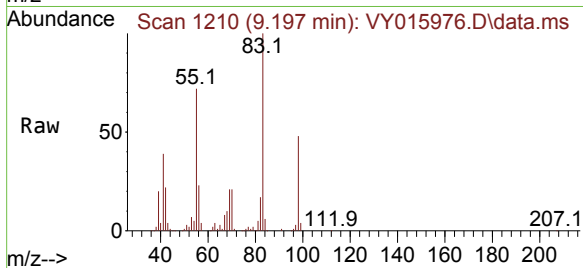
Tgt Ion: 83 Resp: 80965

Ion Ratio Lower Upper

83 100

55 71.8 63.0 94.4

98 48.2 37.4 56.2



#40

Benzene

Concen: 20.361 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY015976.D

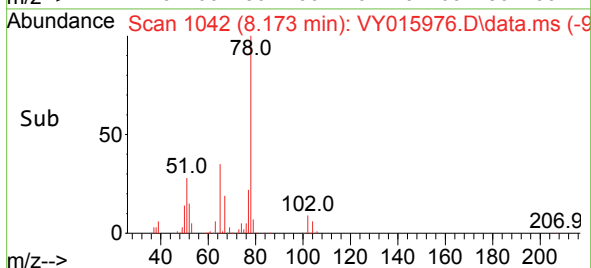
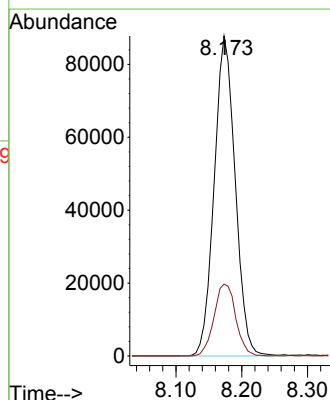
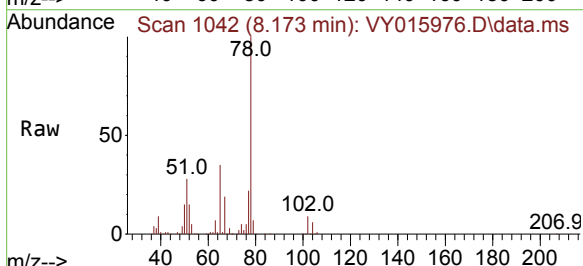
Acq: 16 Oct 2023 10:35

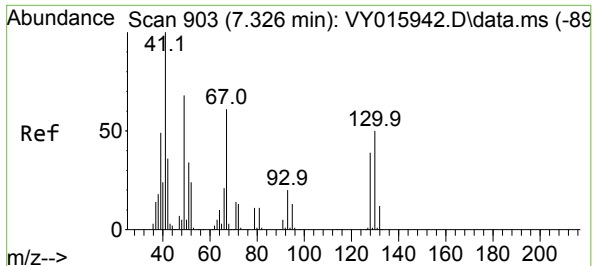
Tgt Ion: 78 Resp: 195010

Ion Ratio Lower Upper

78 100

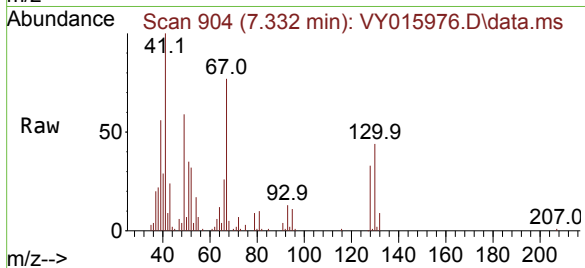
77 22.4 19.0 28.6



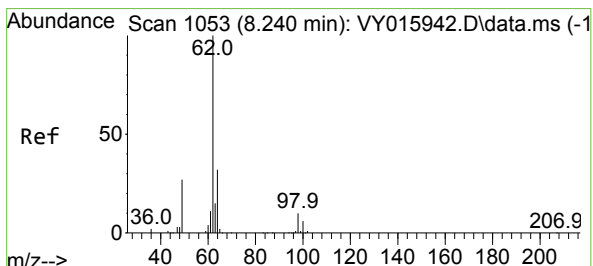
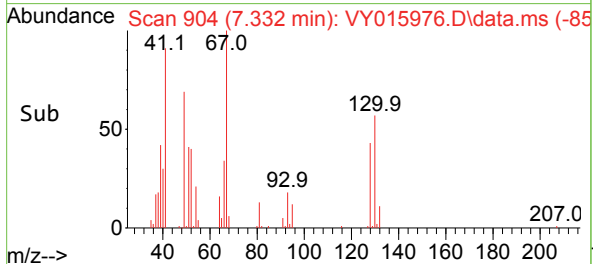
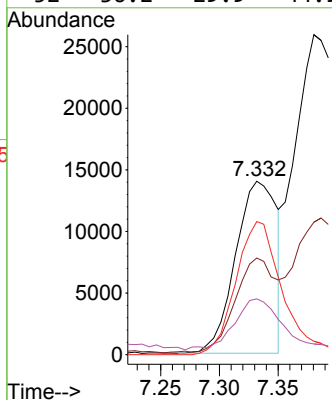


#41
Methacrylonitrile
Concen: 20.168 ug/l
RT: 7.332 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Instrument :
MSVOA_Y
ClientSampleId :

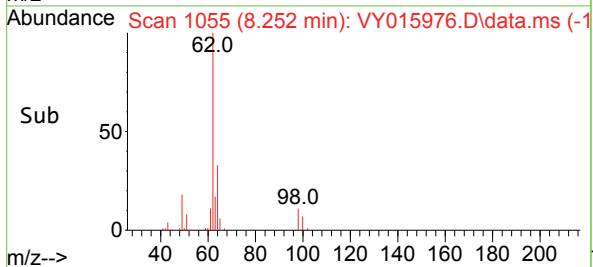
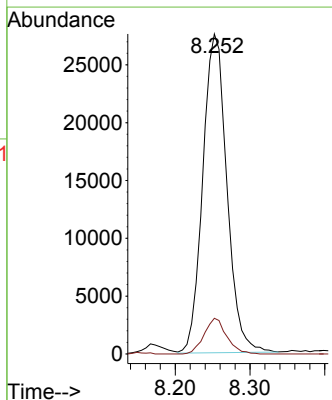
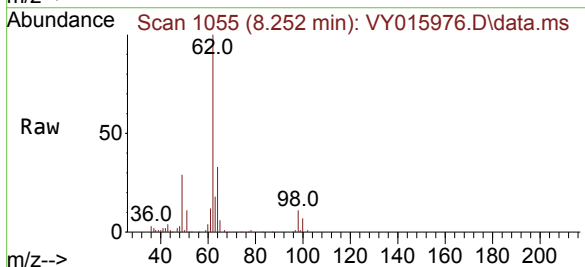


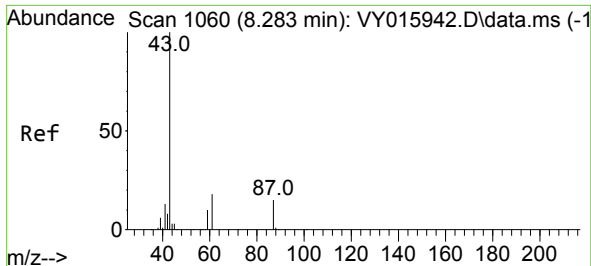
Tgt Ion: 41 Resp: 33963
Ion Ratio Lower Upper
41 100
39 53.8 52.1 78.1
67 90.1 66.2 99.2
52 36.2 29.9 44.9



#42
1,2-Dichloroethane
Concen: 20.126 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.012 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

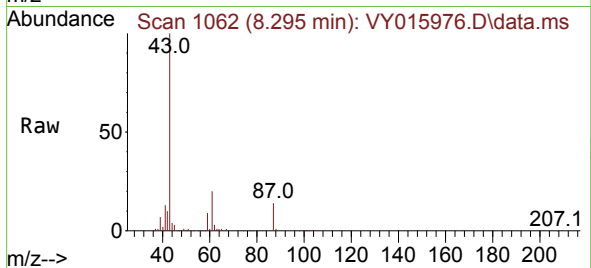
Tgt Ion: 62 Resp: 61851
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8



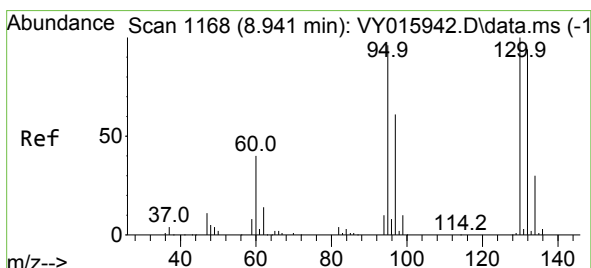
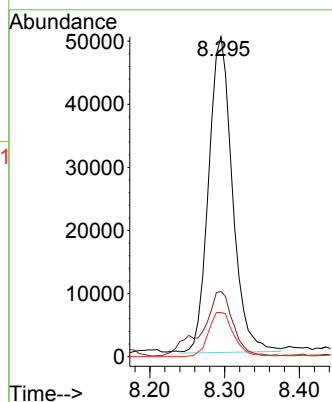
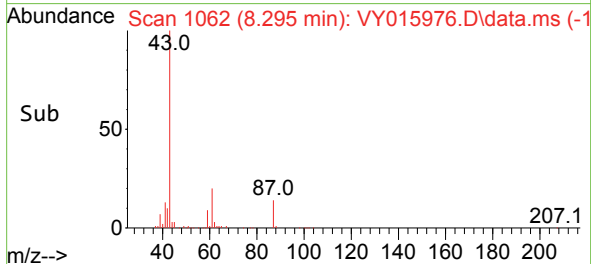


#43
Isopropyl Acetate
Concen: 20.197 ug/l
RT: 8.295 min Scan# 110823
Delta R.T. 0.012 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Instrument :
MSVOA_Y
ClientSampleId :

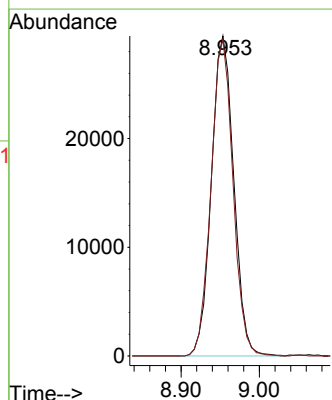
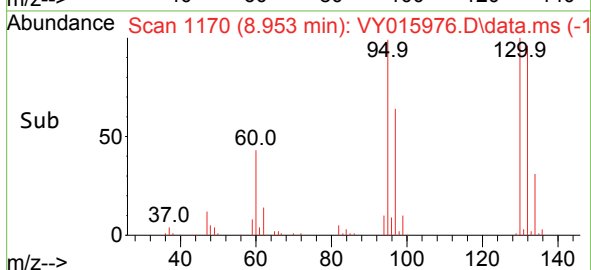
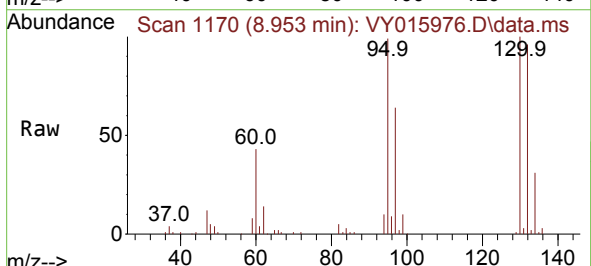


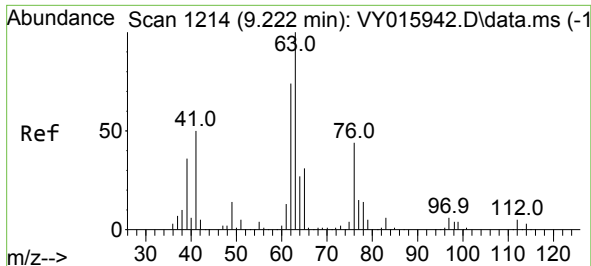
Tgt Ion: 43 Resp: 110823
Ion Ratio Lower Upper
43 100
61 26.4 21.1 31.7
87 14.9 9.8 14.8#



#44
Trichloroethene
Concen: 19.786 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.012 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion:130 Resp: 58400
Ion Ratio Lower Upper
130 100
95 98.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.024 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

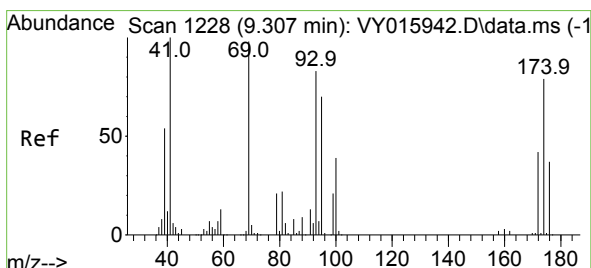
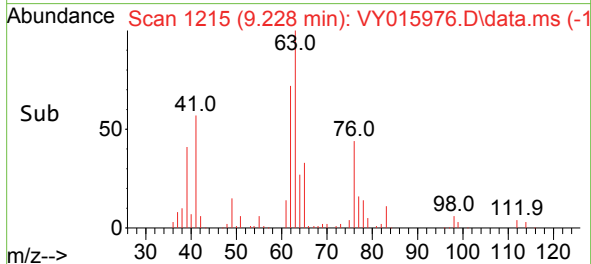
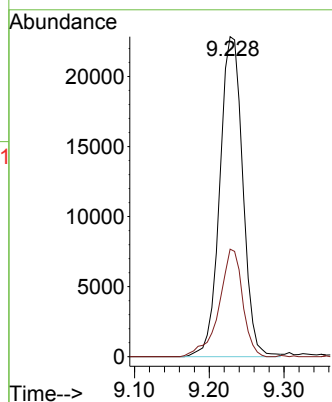
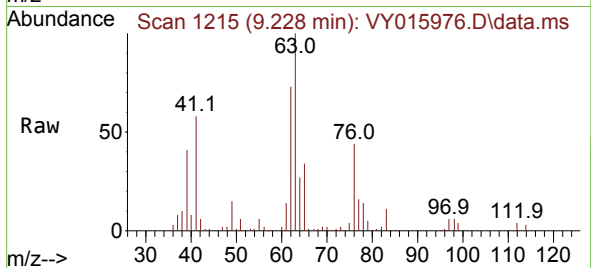
ClientSampleId :

Tgt Ion: 63 Resp: 48938

Ion Ratio Lower Upper

63 100

65 33.6 23.8 35.6



#46

Dibromomethane

Concen: 19.882 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

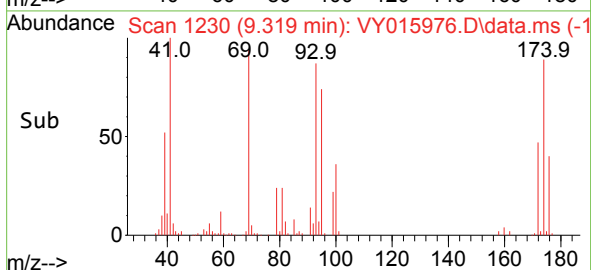
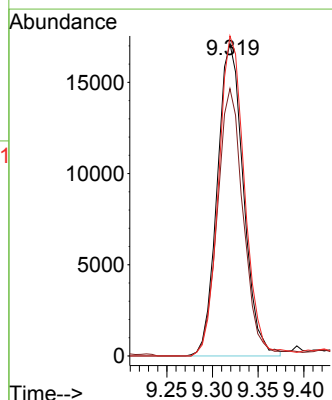
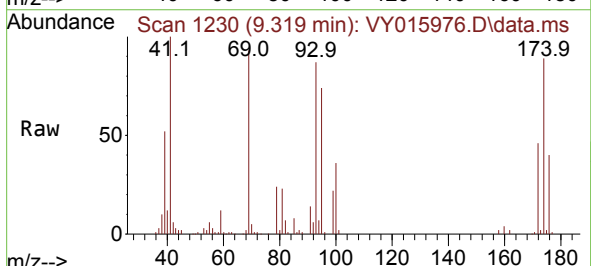
Tgt Ion: 93 Resp: 34154

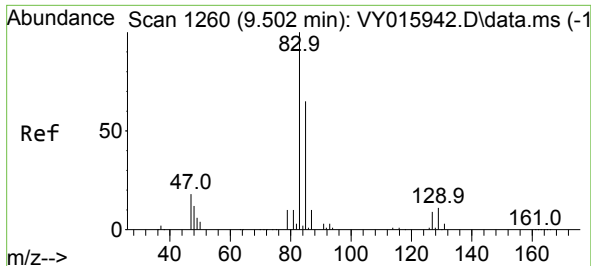
Ion Ratio Lower Upper

93 100

95 84.5 66.6 100.0

174 102.0 84.8 127.2

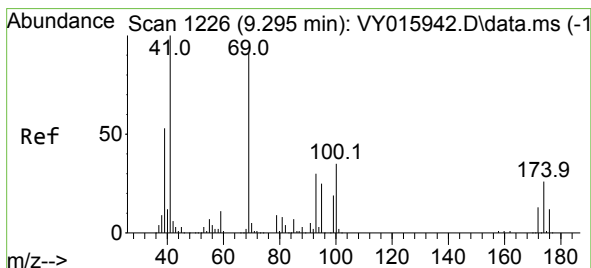
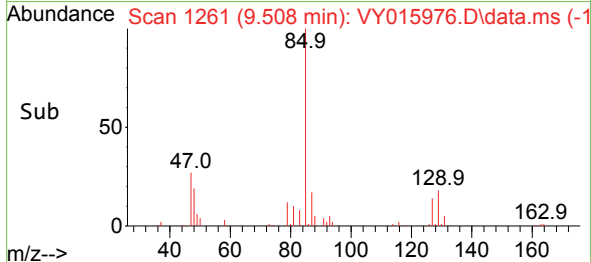
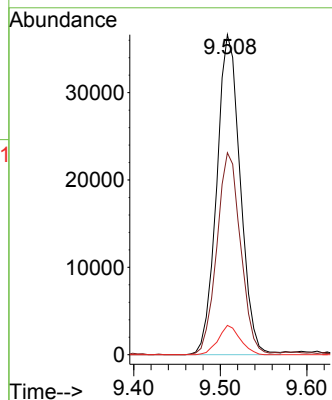
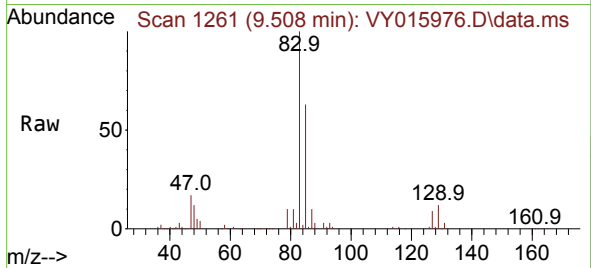




#47
Bromodichloromethane
Concen: 19.945 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

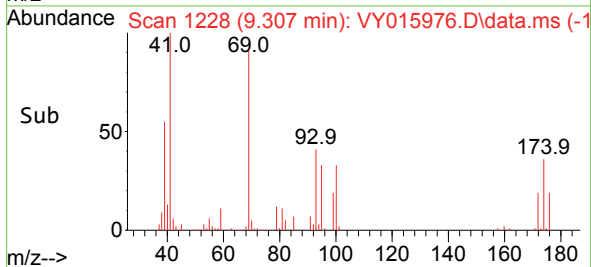
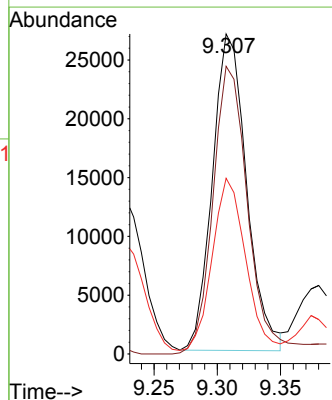
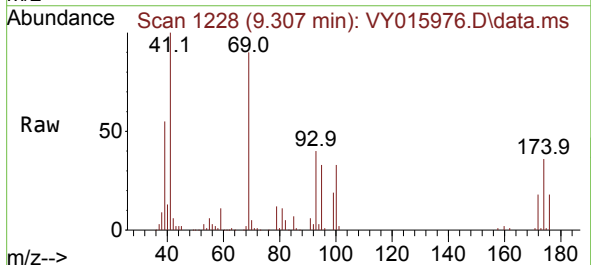
Instrument :
MSVOA_Y
ClientSampleId :

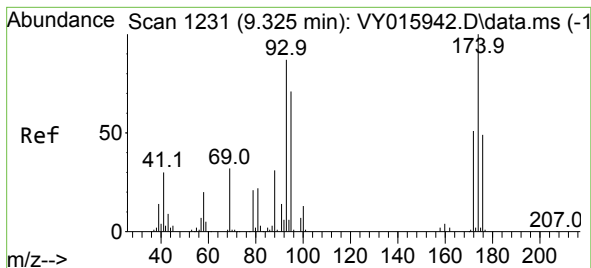
Tgt Ion: 83 Resp: 69188
Ion Ratio Lower Upper
83 100
85 63.1 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 20.884 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion: 41 Resp: 50616
Ion Ratio Lower Upper
41 100
69 93.7 64.5 96.7
39 54.2 50.8 76.2





#49

1,4-Dioxane

Concen: 468.050 ug/l

RT: 9.405 min Scan# 11

Delta R.T. 0.079 min

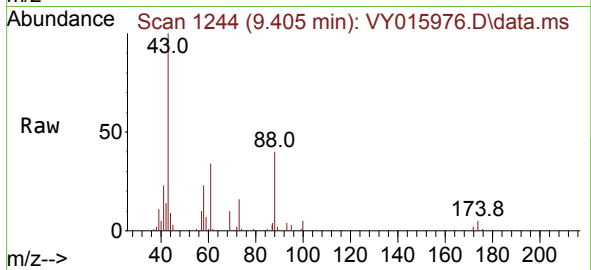
Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :



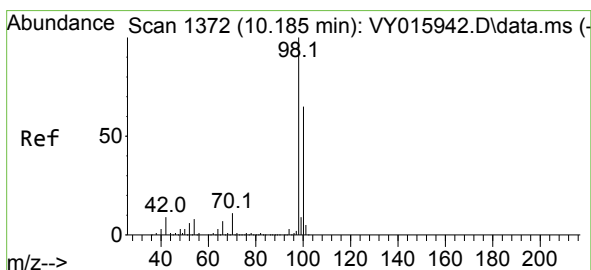
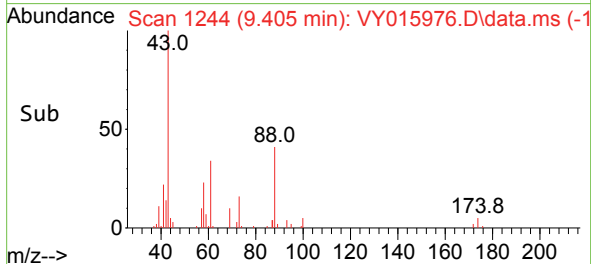
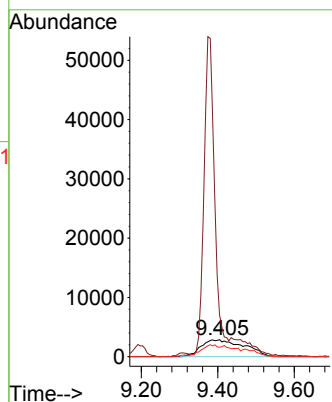
Tgt Ion: 88 Resp: 22423

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 30.9 46.3#



#50

Toluene-d8

Concen: 52.461 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY015976.D

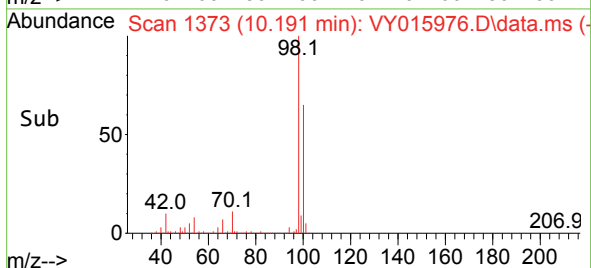
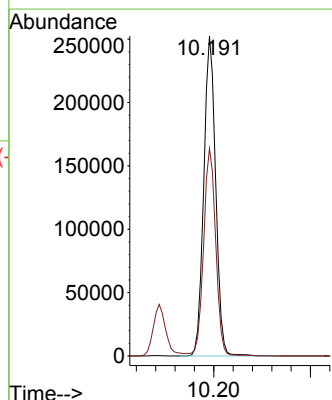
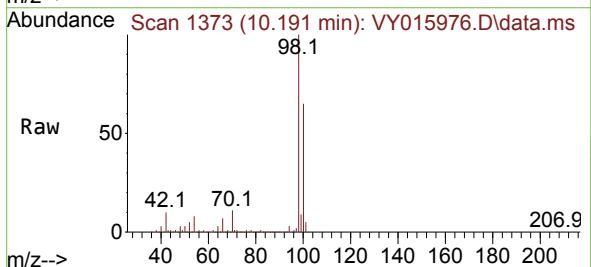
Acq: 16 Oct 2023 10:35

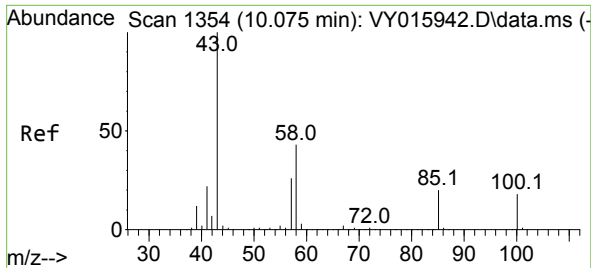
Tgt Ion: 98 Resp: 431006

Ion Ratio Lower Upper

98 100

100 66.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 111.971 ug/l

RT: 10.087 min Scan# 1356

Delta R.T. 0.012 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

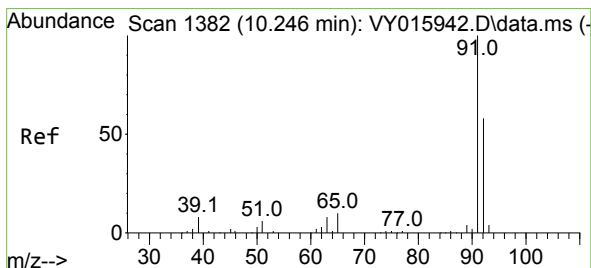
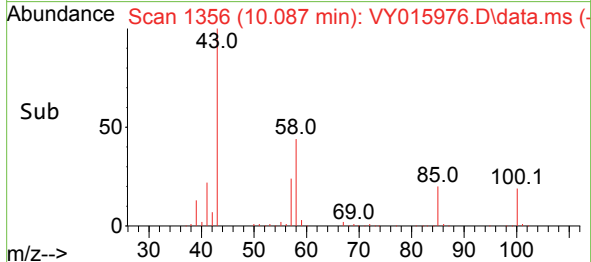
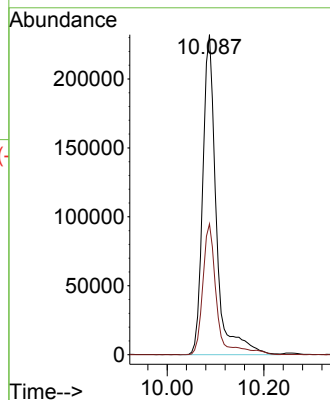
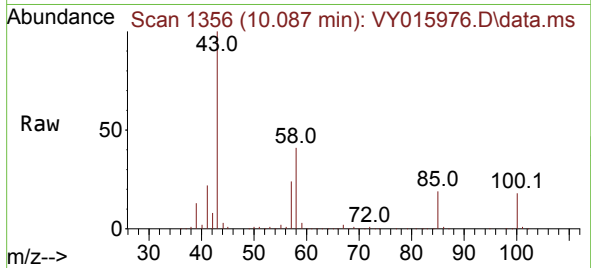
ClientSampleId :

Tgt Ion: 43 Resp: 452781

Ion Ratio Lower Upper

43 100

58 41.8 29.0 43.6



#52

Toluene

Concen: 20.103 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.012 min

Lab File: VY015976.D

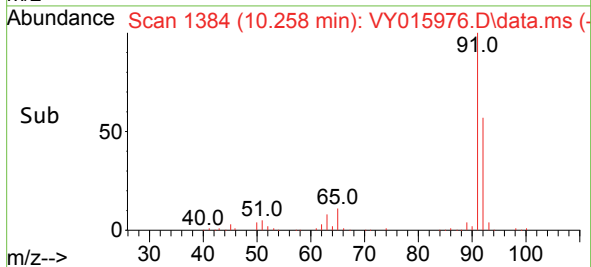
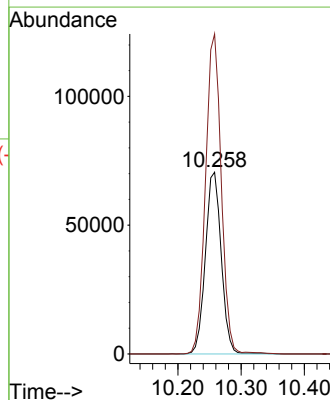
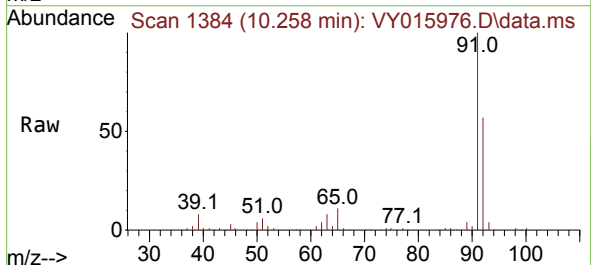
Acq: 16 Oct 2023 10:35

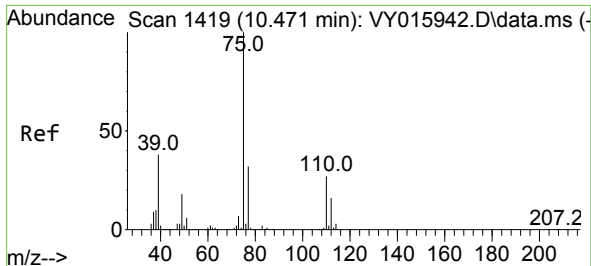
Tgt Ion: 92 Resp: 123102

Ion Ratio Lower Upper

92 100

91 175.0 143.8 215.6

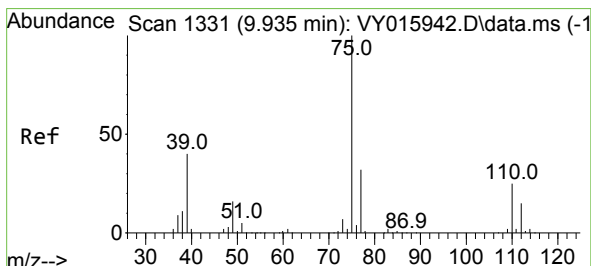
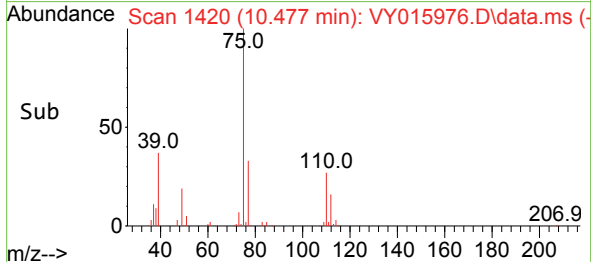
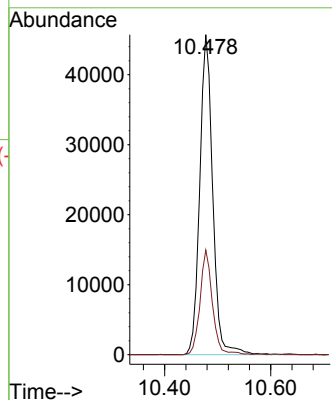
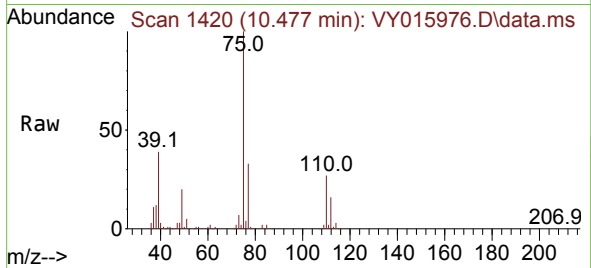




#53
 t-1,3-Dichloropropene
 Concen: 19.982 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY015976.D
 Acq: 16 Oct 2023 10:35

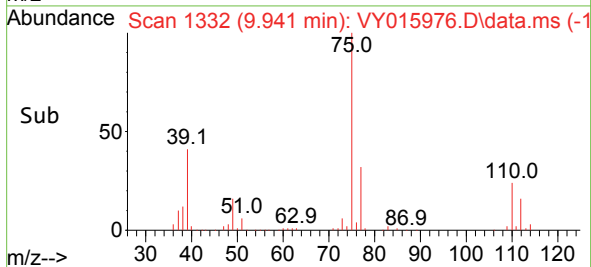
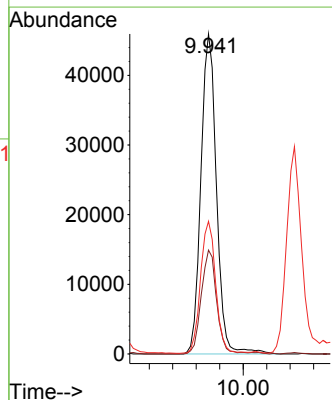
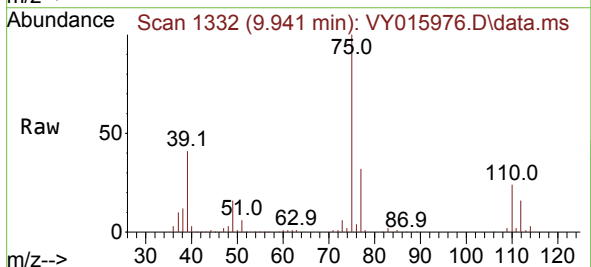
Instrument :
 MSVOA_Y
 ClientSampleId :

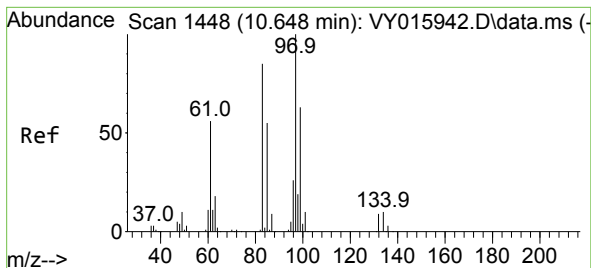
Tgt Ion: 75 Resp: 77719
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.172 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY015976.D
 Acq: 16 Oct 2023 10:35

Tgt Ion: 75 Resp: 84338
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.2 36.4
 39 41.2 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 20.589 ug/l

RT: 10.660 min Scan# 1448

Delta R.T. 0.012 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 50357

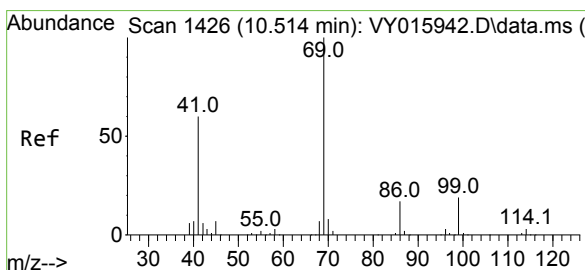
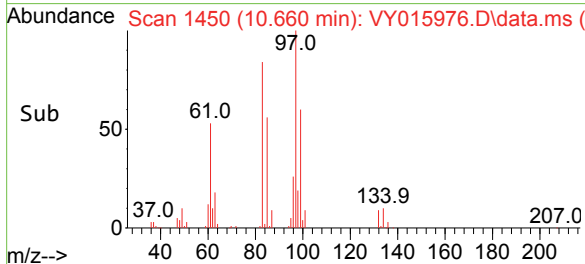
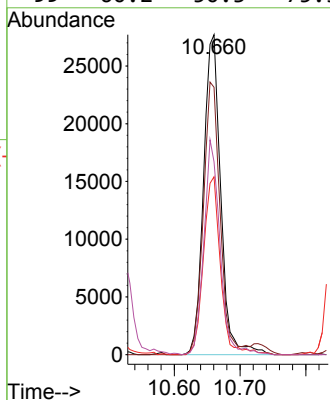
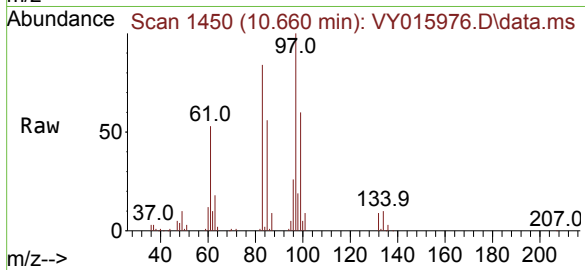
Ion Ratio Lower Upper

97 100

83 83.6 72.0 108.0

85 55.6 45.4 68.0

99 60.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.068 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

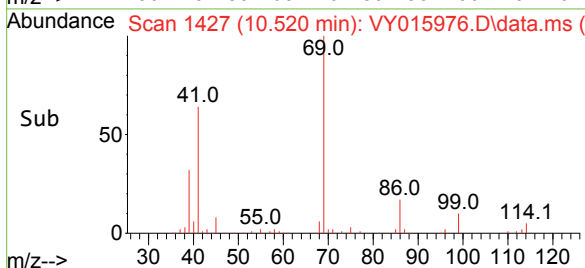
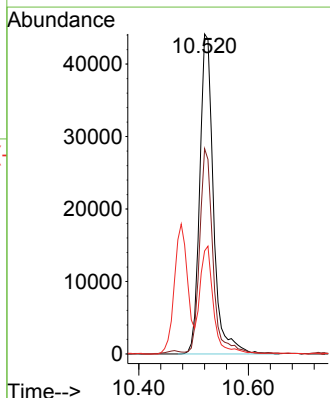
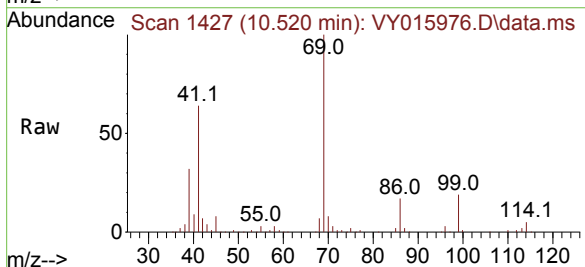
Tgt Ion: 69 Resp: 76838

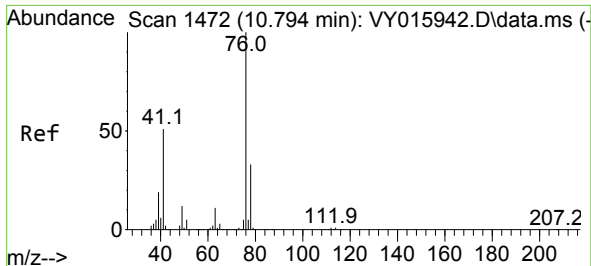
Ion Ratio Lower Upper

69 100

41 61.8 57.6 86.4

39 32.6 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 20.594 ug/l

RT: 10.801 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

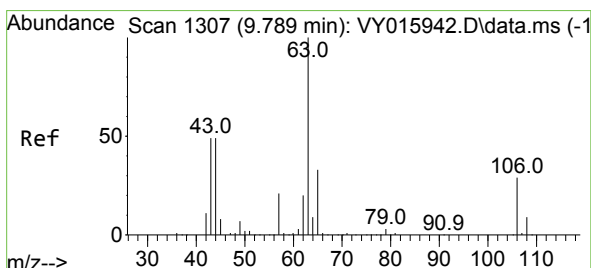
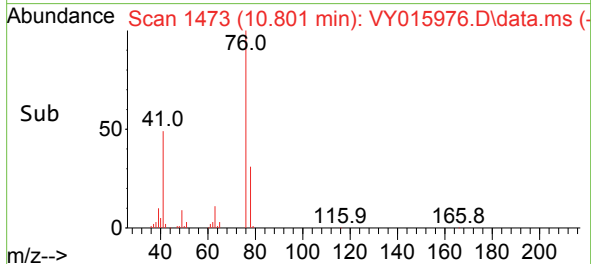
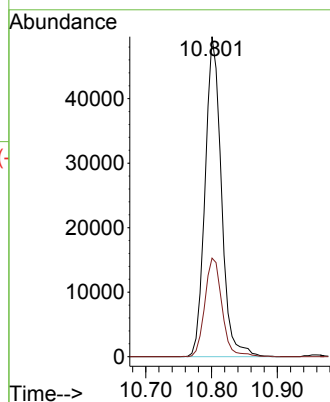
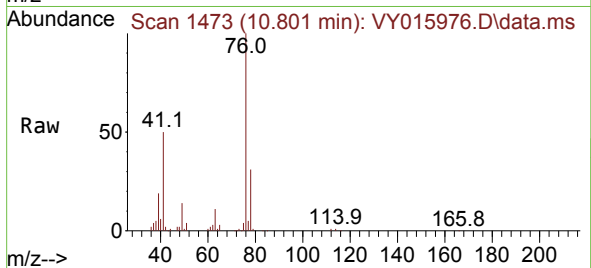
ClientSampleId :

Tgt Ion: 76 Resp: 85450

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 117.776 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY015976.D

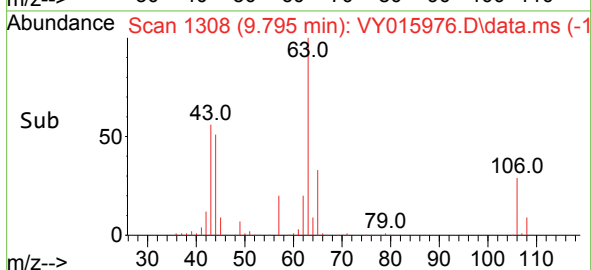
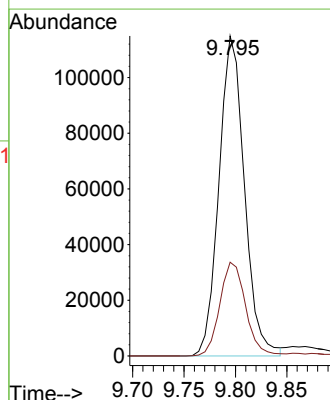
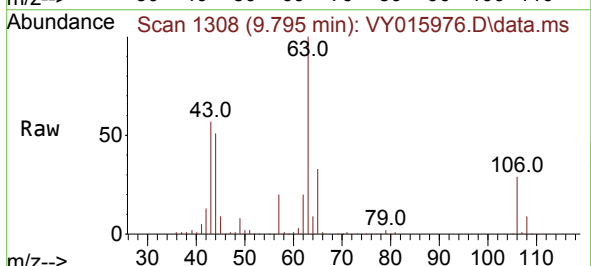
Acq: 16 Oct 2023 10:35

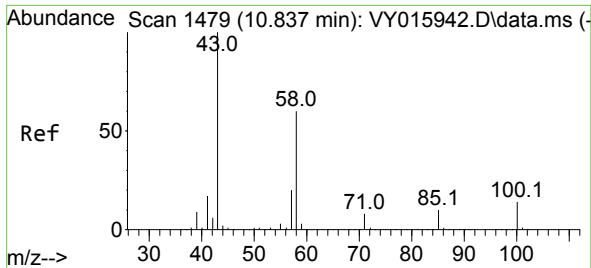
Tgt Ion: 63 Resp: 197883

Ion Ratio Lower Upper

63 100

106 29.8 21.2 31.8

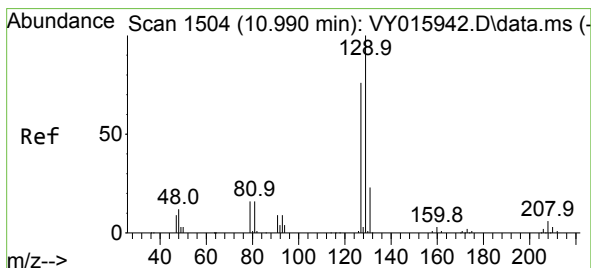
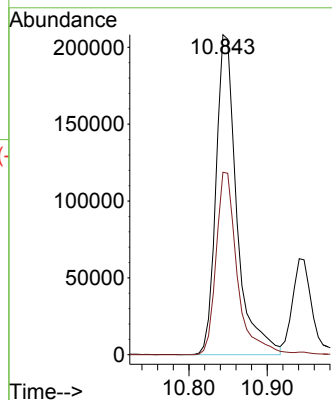
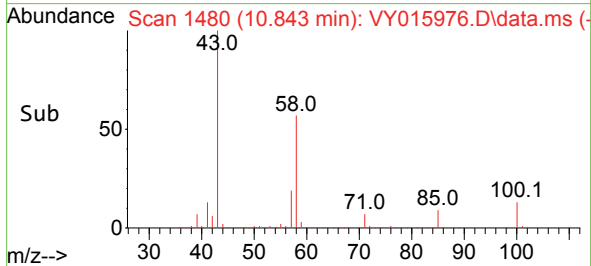
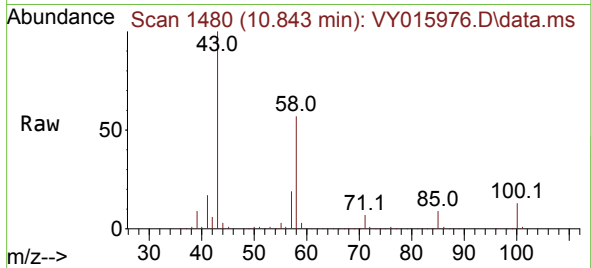




#59
2-Hexanone
Concen: 111.602 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

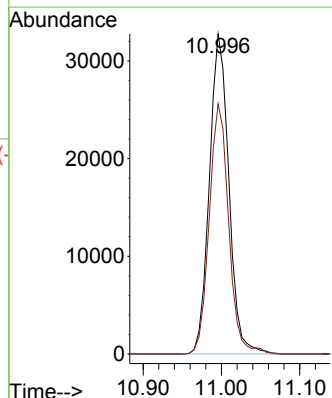
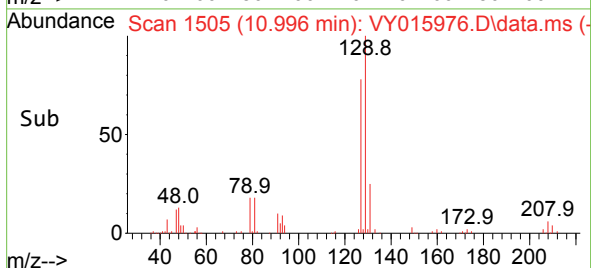
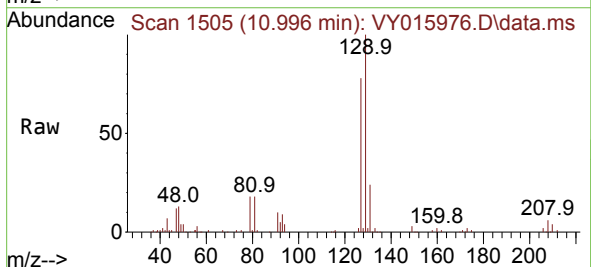
Instrument :
MSVOA_Y
ClientSampleId :

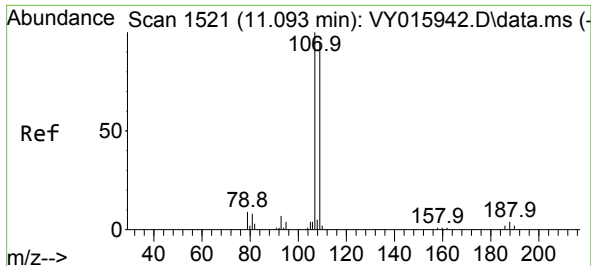
Tgt Ion: 43 Resp: 385227
Ion Ratio Lower Upper
43 100
58 57.9 25.1 75.3



#60
Dibromochloromethane
Concen: 20.284 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion: 129 Resp: 56415
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

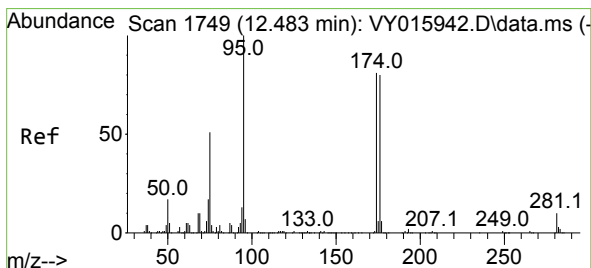
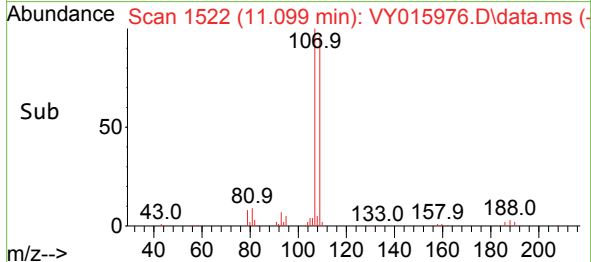
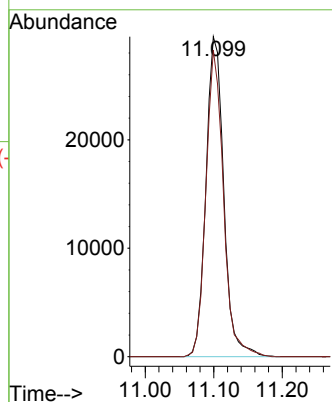
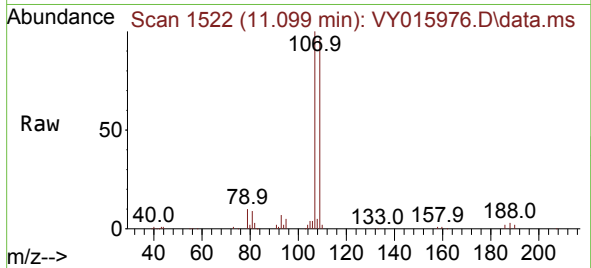




#61
1,2-Dibromoethane
Concen: 20.164 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

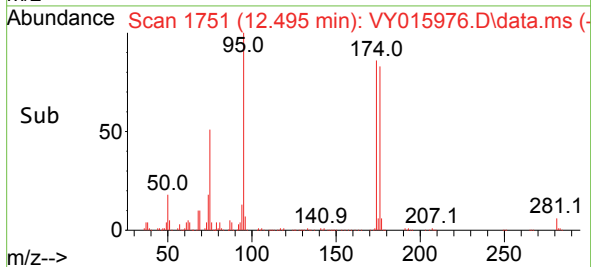
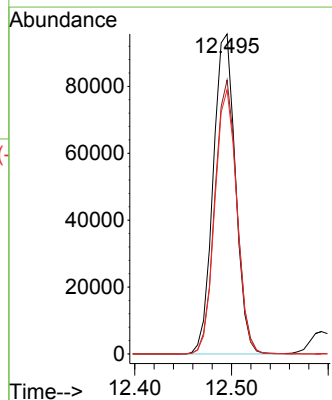
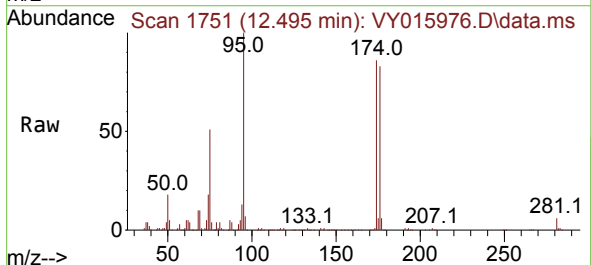
Instrument :
MSVOA_Y
ClientSampleId :

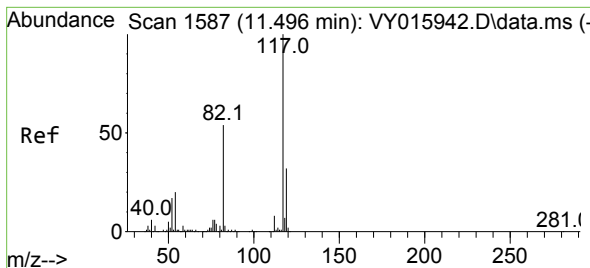
Tgt Ion:107 Resp: 53364
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.251 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion: 95 Resp: 152857
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

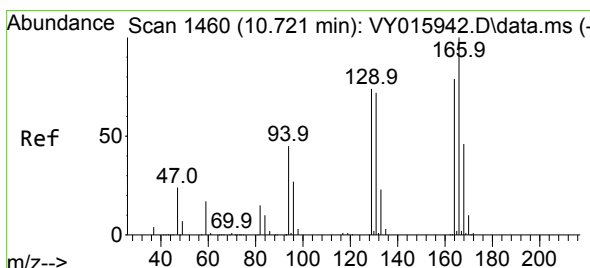
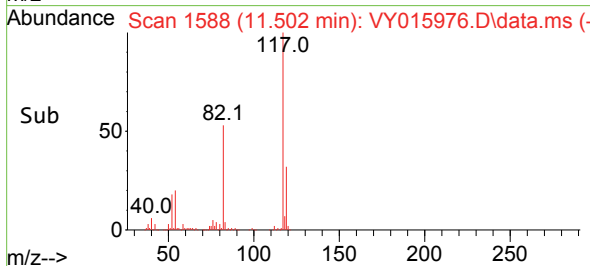
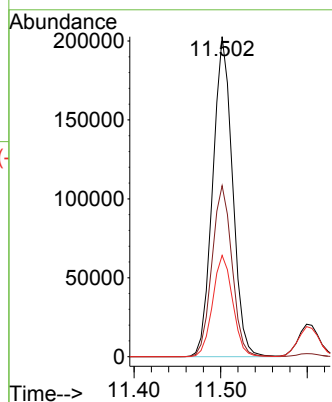
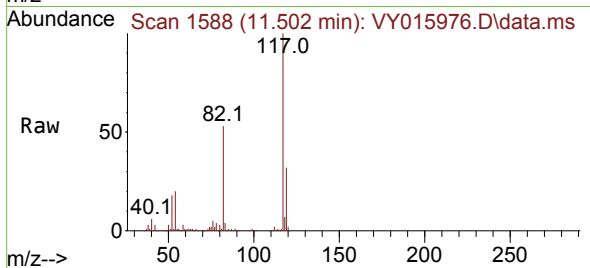
Tgt Ion:117 Resp: 322396

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 18.769 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.012 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Tgt Ion:164 Resp: 52750

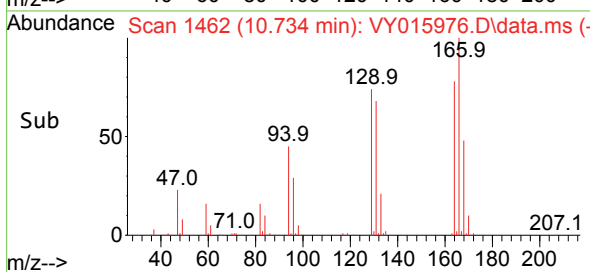
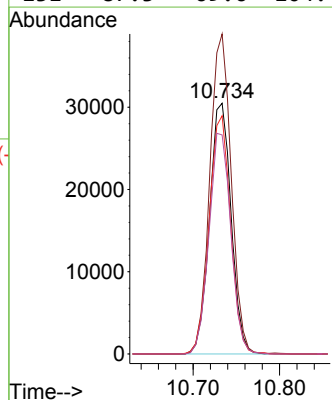
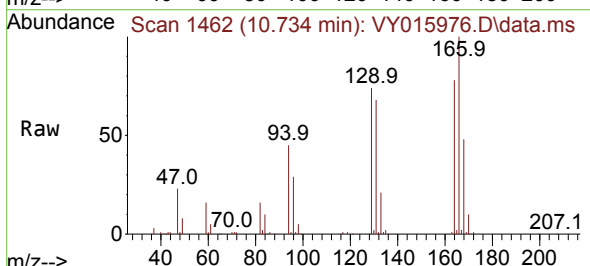
Ion Ratio Lower Upper

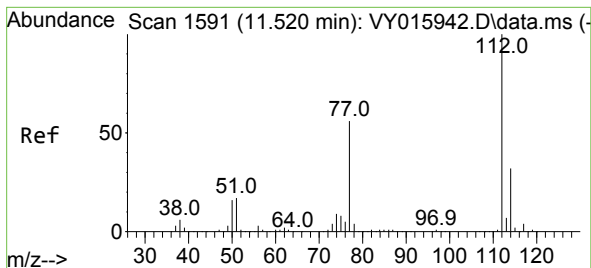
164 100

166 127.6 103.0 154.6

129 95.0 77.2 115.8

131 87.3 69.6 104.4

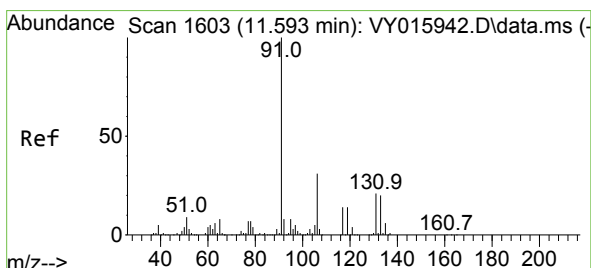
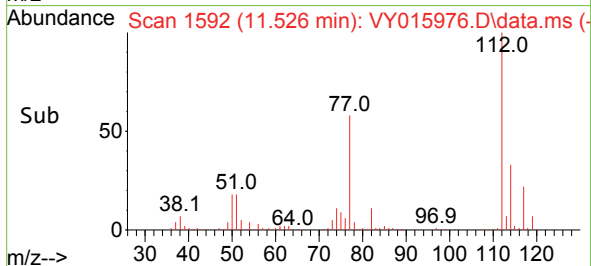
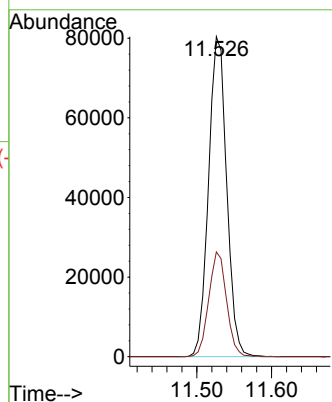
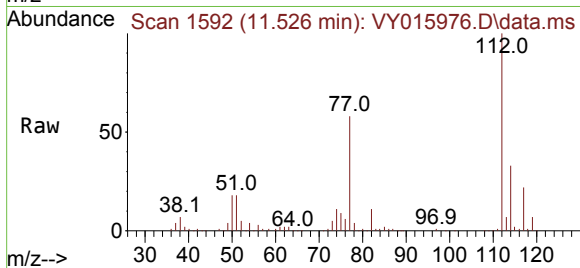




#65
Chlorobenzene
Concen: 20.045 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

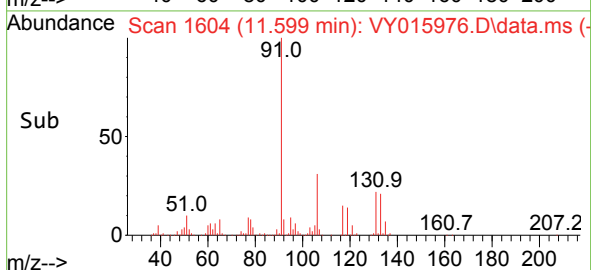
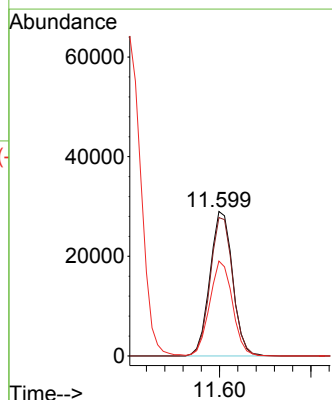
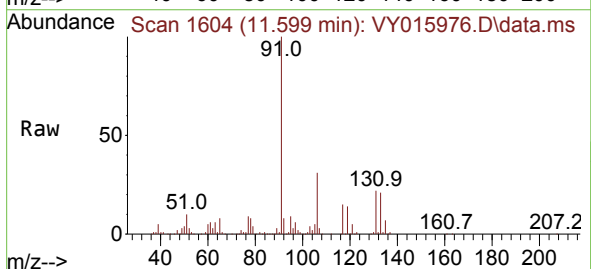
Instrument :
MSVOA_Y
ClientSampleId :

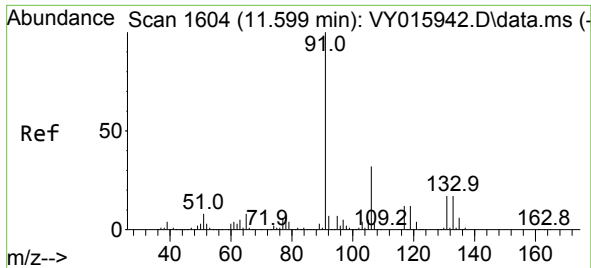
Tgt Ion:112 Resp: 135401
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.989 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion:131 Resp: 49984
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 66.0 31.6 94.7

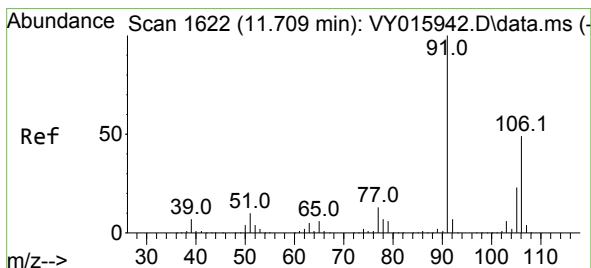
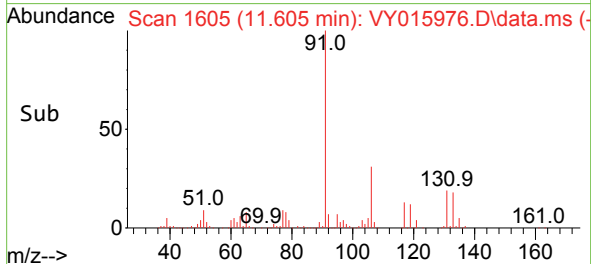
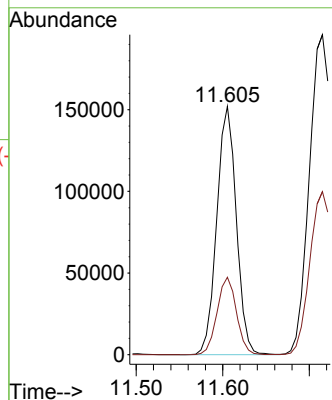
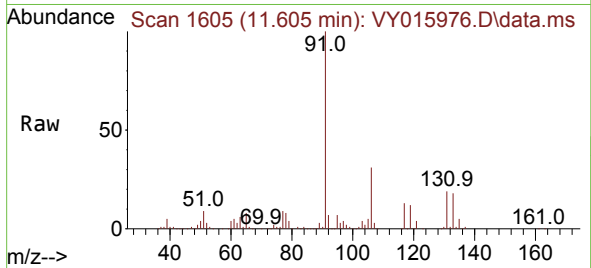




#67
Ethyl Benzene
Concen: 20.152 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

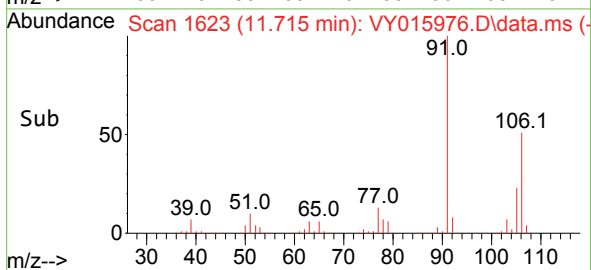
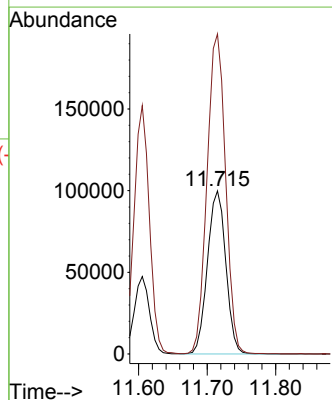
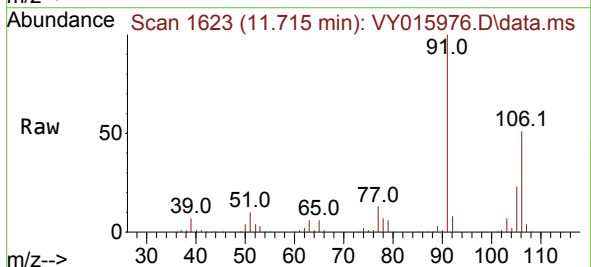
Instrument :
MSVOA_Y
ClientSampleId :

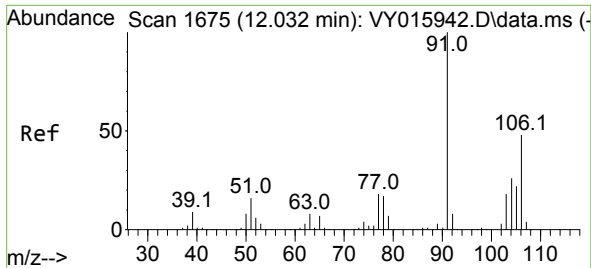
Tgt Ion: 91 Resp: 238020
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 40.878 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion:106 Resp: 186333
Ion Ratio Lower Upper
106 100
91 197.6 166.1 249.1

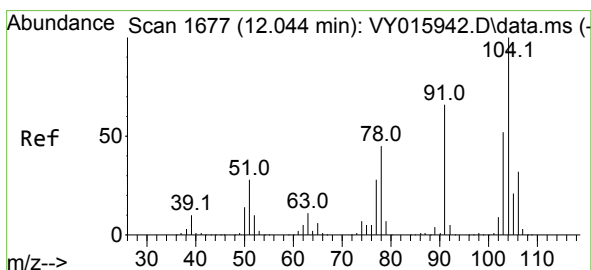
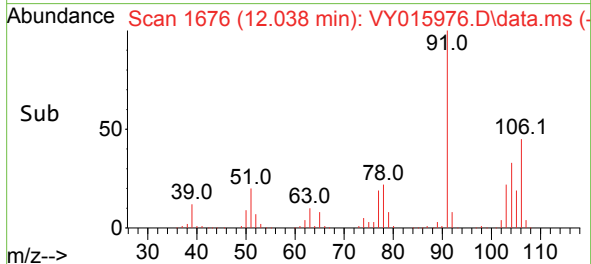
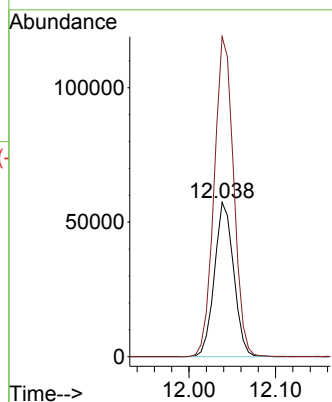
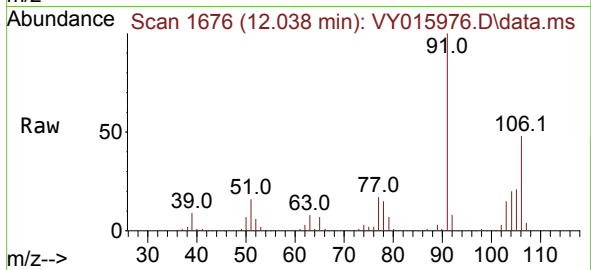




#69
o-Xylene
Concen: 20.324 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

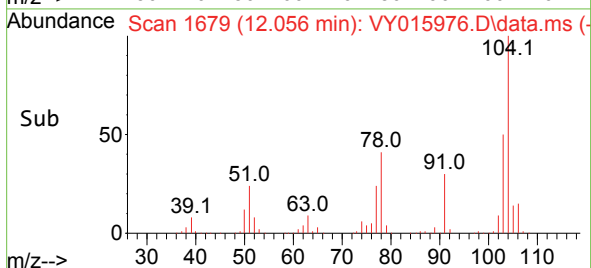
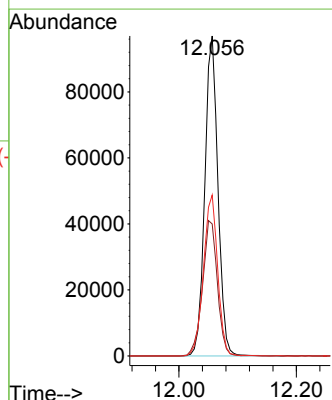
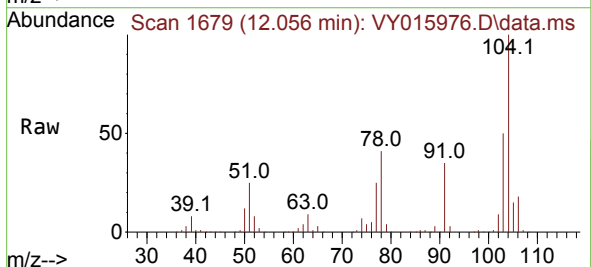
Instrument :
MSVOA_Y
ClientSampleId :

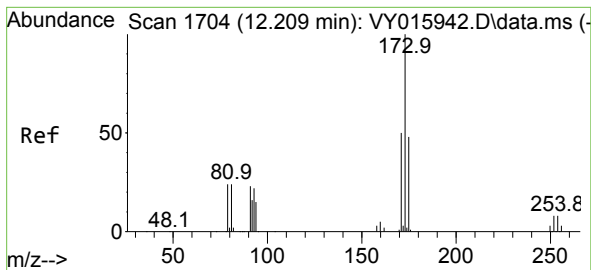
Tgt Ion:106 Resp: 88572
Ion Ratio Lower Upper
106 100
91 209.9 108.1 324.3



#70
Styrene
Concen: 20.295 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.012 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion:104 Resp: 150522
Ion Ratio Lower Upper
104 100
78 47.7 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 20.032 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015976.D

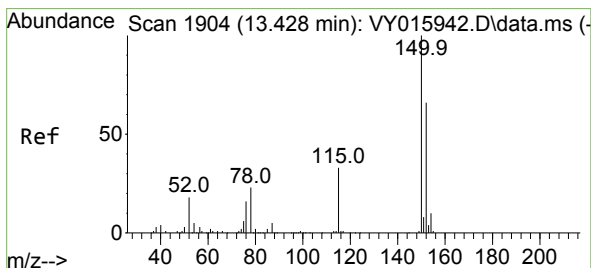
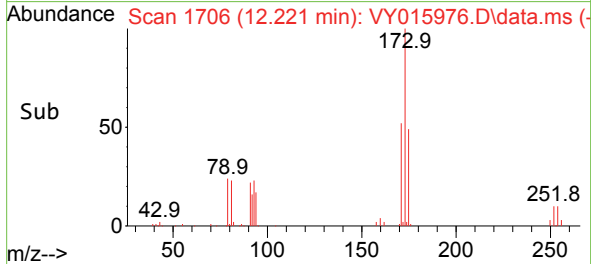
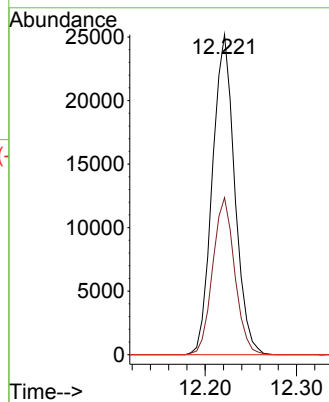
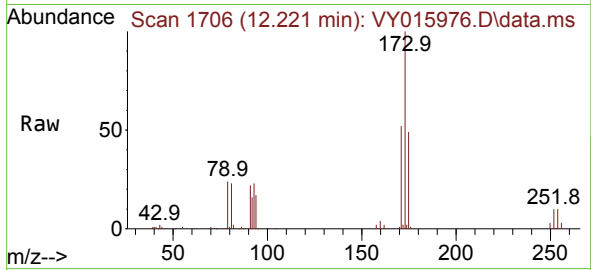
Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	42656
Ion Ratio	Lower	Upper
173	100	
175	48.4	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

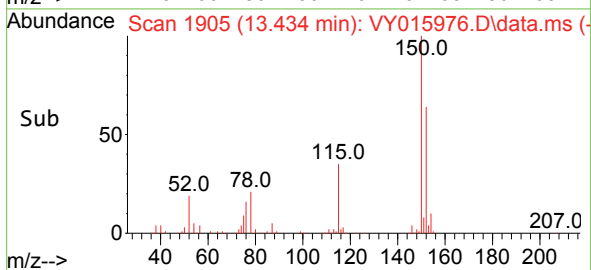
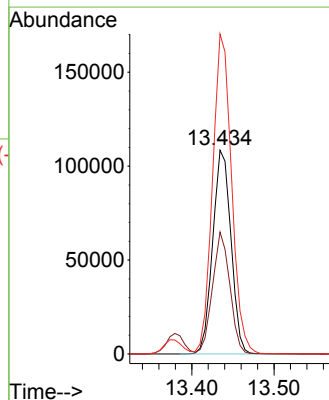
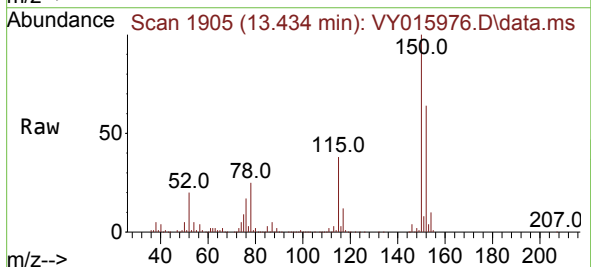
RT: 13.434 min Scan# 1905

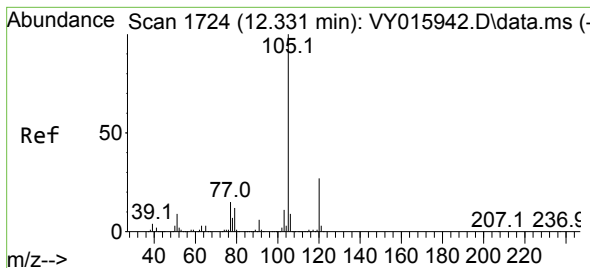
Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Tgt Ion:152	Resp:	167574
Ion Ratio	Lower	Upper
152	100	
115	57.0	28.8 86.5
150	163.4	0.0 348.8





#73

Isopropylbenzene

Concen: 19.359 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

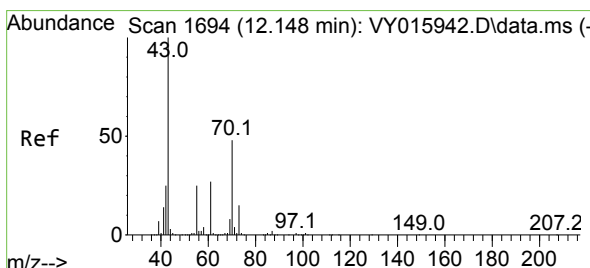
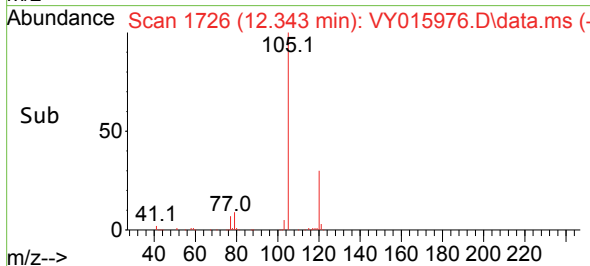
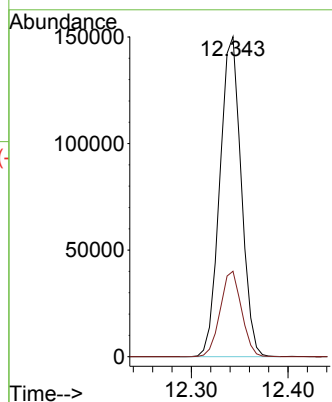
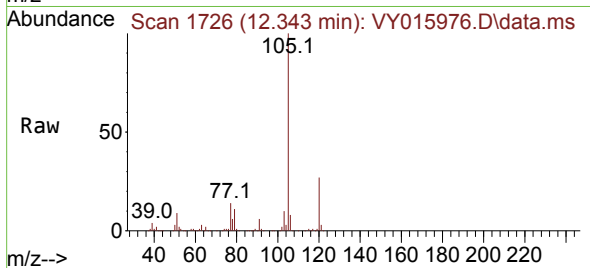
ClientSampleId :

Tgt Ion:105 Resp: 229653

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 20.531 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Tgt Ion: 43 Resp: 98396

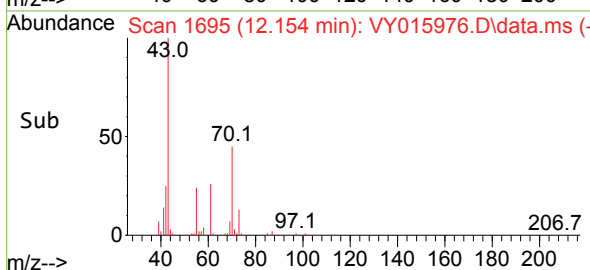
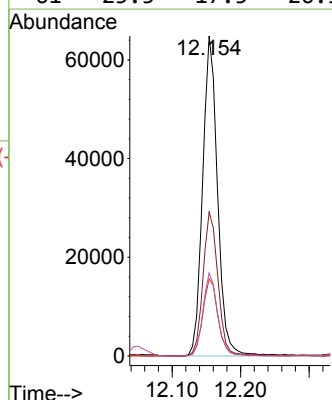
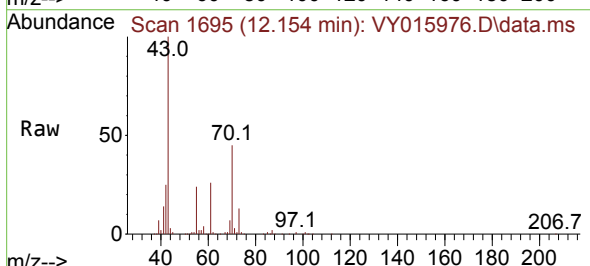
Ion Ratio Lower Upper

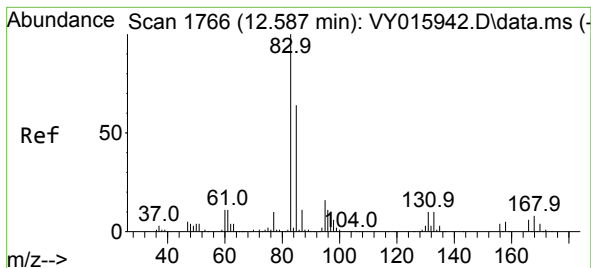
43 100

70 45.2 29.7 44.5#

55 24.8 18.3 27.5

61 25.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.703 ug/l

RT: 12.593 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

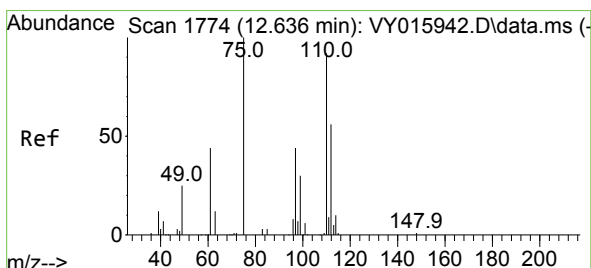
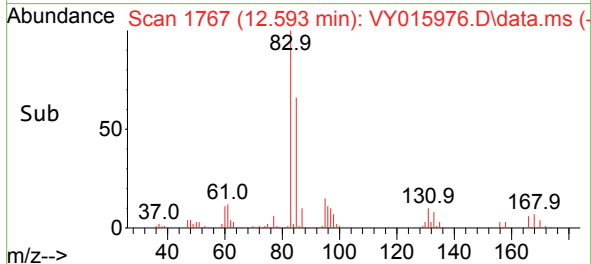
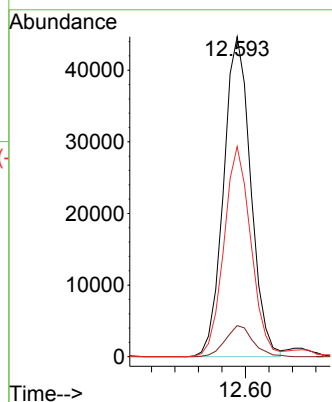
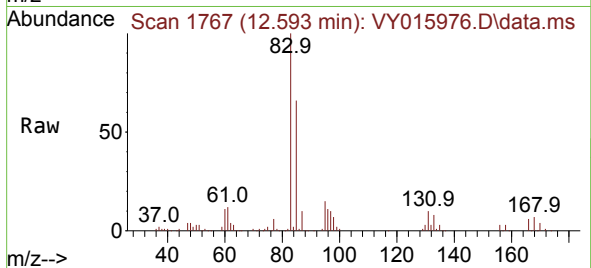
Tgt Ion: 83 Resp: 71793

Ion Ratio Lower Upper

83 100

131 9.9 5.4 16.2

85 65.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 31.964 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.012 min

Lab File: VY015976.D

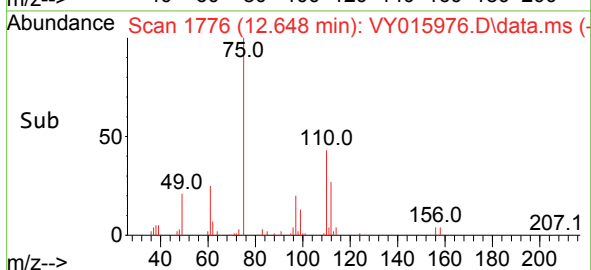
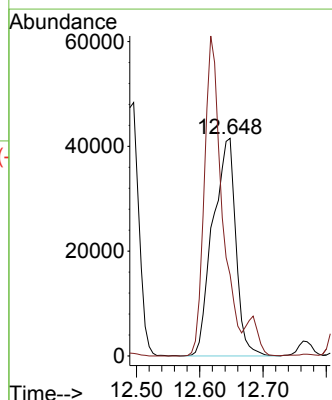
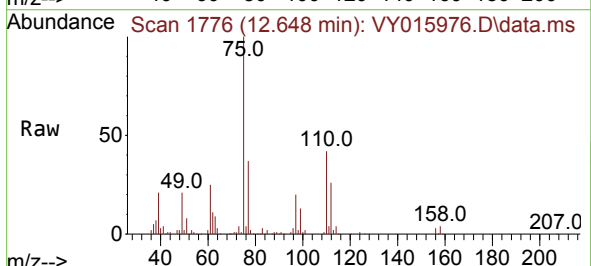
Acq: 16 Oct 2023 10:35

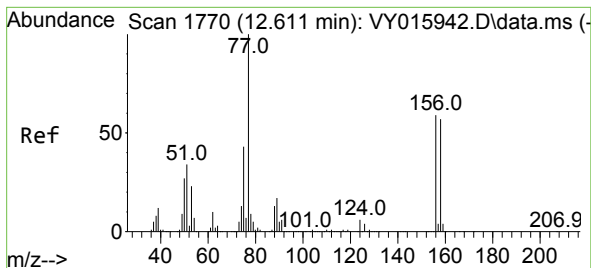
Tgt Ion: 75 Resp: 104824

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.597 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY015976.D

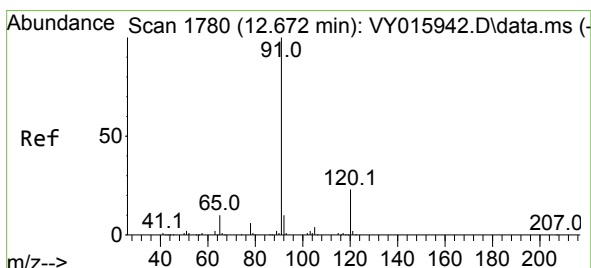
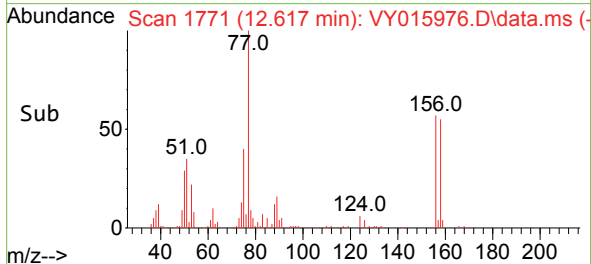
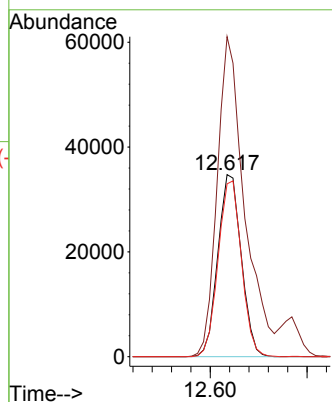
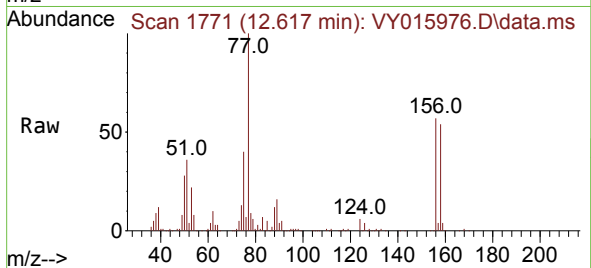
Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	58361
Ion Ratio	Lower	Upper	
156	100		
77	204.7	92.8	278.6
158	95.9	48.4	145.3



#78

n-propylbenzene

Concen: 19.709 ug/l

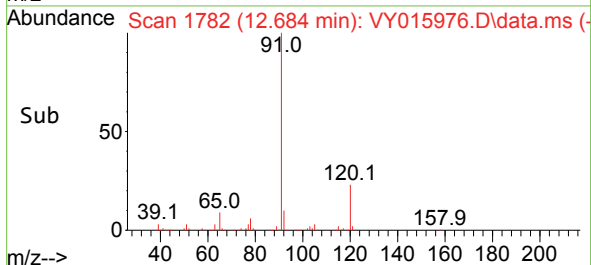
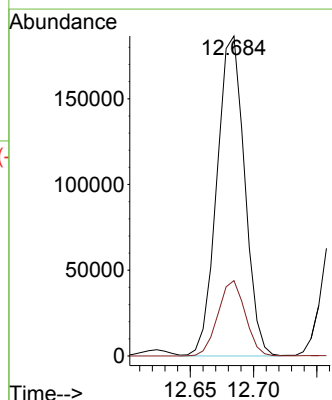
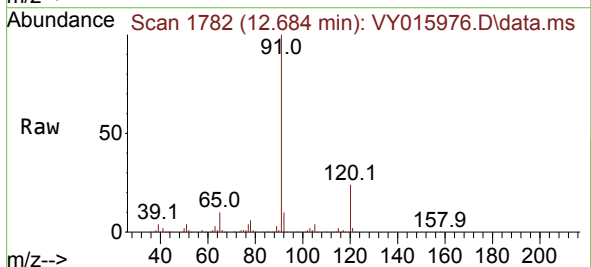
RT: 12.684 min Scan# 1782

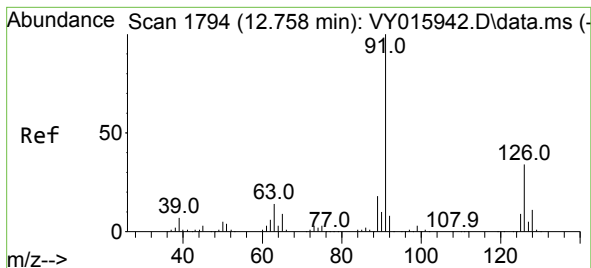
Delta R.T. 0.012 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Tgt Ion:	91	Resp:	284313
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.536 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

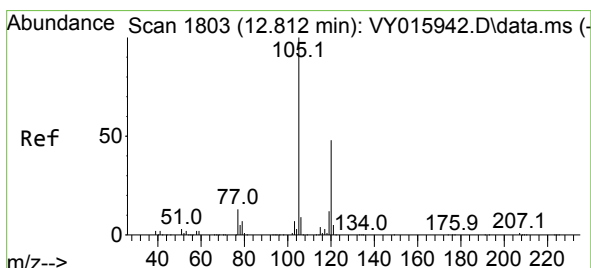
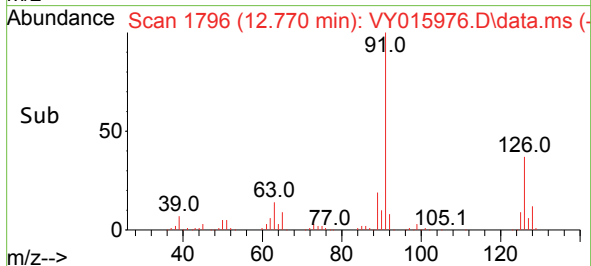
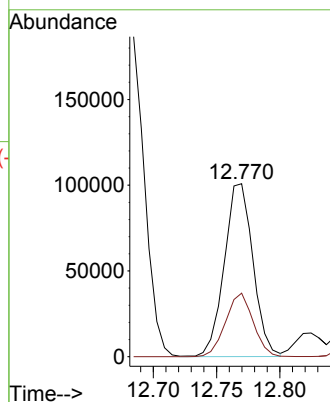
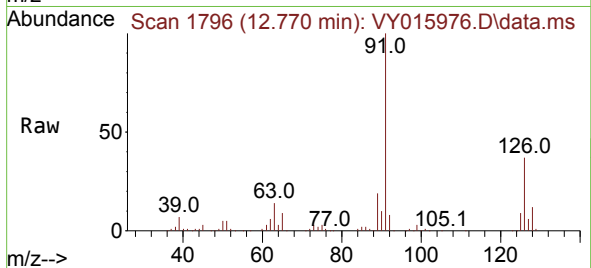
ClientSampleId :

Tgt Ion: 91 Resp: 159395

Ion Ratio Lower Upper

91 100

126 35.3 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.570 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.012 min

Lab File: VY015976.D

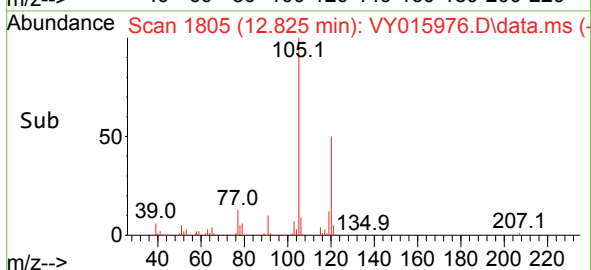
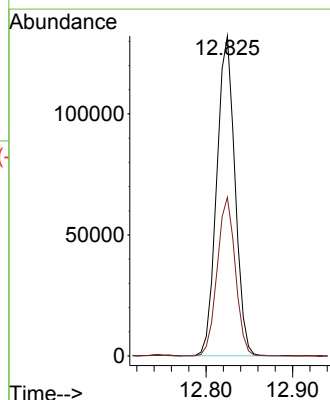
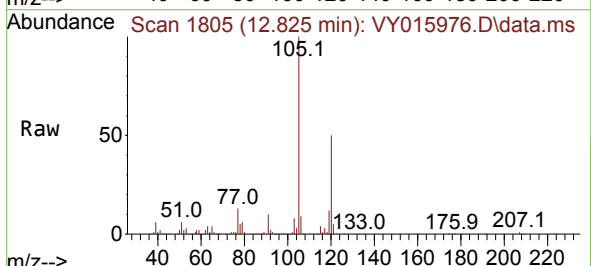
Acq: 16 Oct 2023 10:35

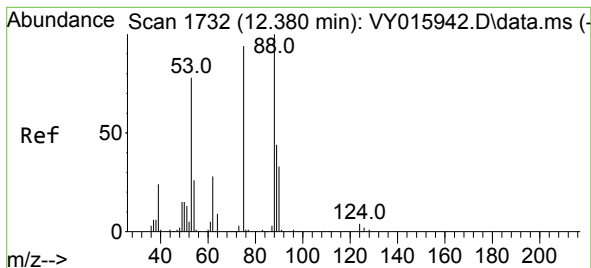
Tgt Ion:105 Resp: 192870

Ion Ratio Lower Upper

105 100

120 49.5 23.9 71.7

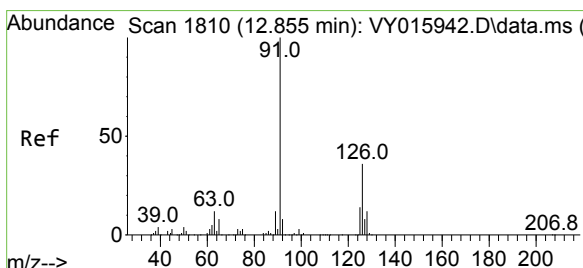
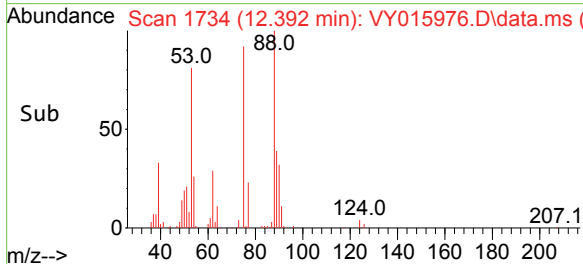
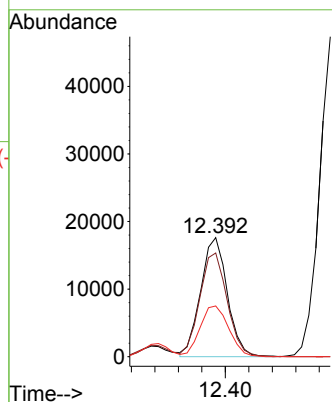
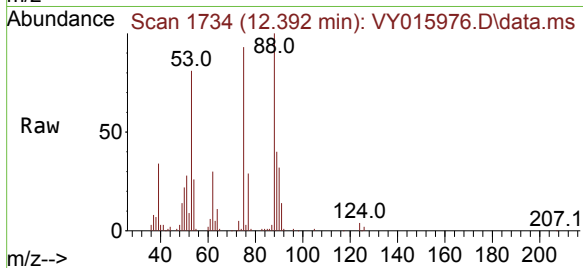




#81
trans-1,4-Dichloro-2-butene
Concen: 19.966 ug/l
RT: 12.392 min Scan# 1732
Delta R.T. 0.012 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

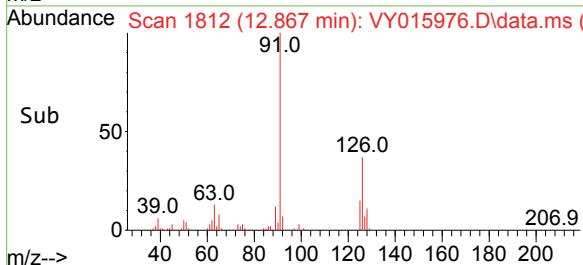
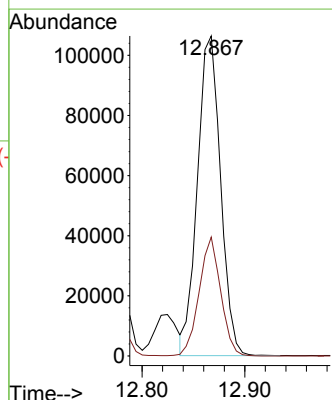
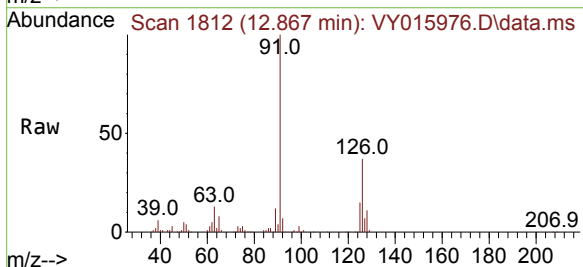
Instrument :
MSVOA_Y
ClientSampleId :

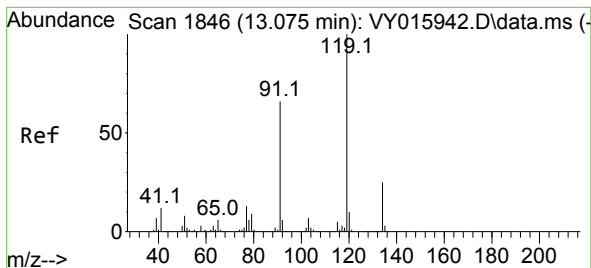
Tgt Ion: 75 Resp: 27795
Ion Ratio Lower Upper
75 100
53 89.7 77.8 116.8
89 45.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.872 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.012 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion: 91 Resp: 166644
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.392 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.012 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

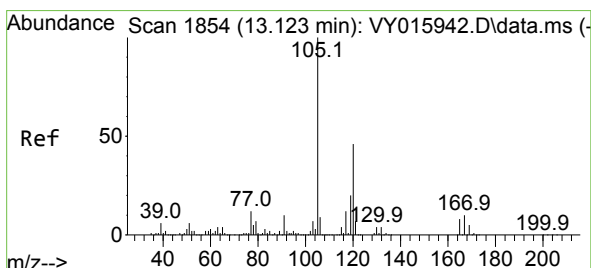
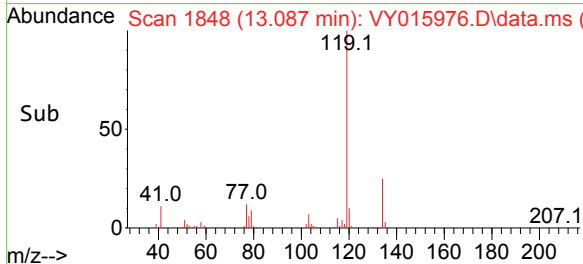
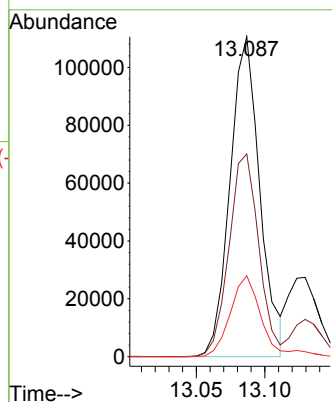
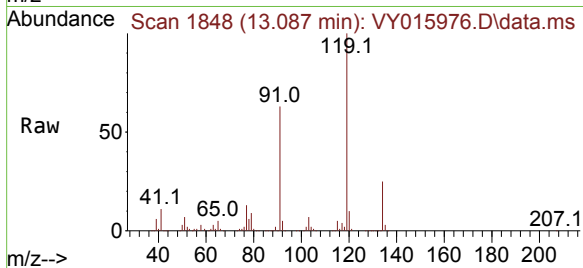
Tgt Ion:119 Resp: 167937

Ion Ratio Lower Upper

119 100

91 63.5 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.826 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY015976.D

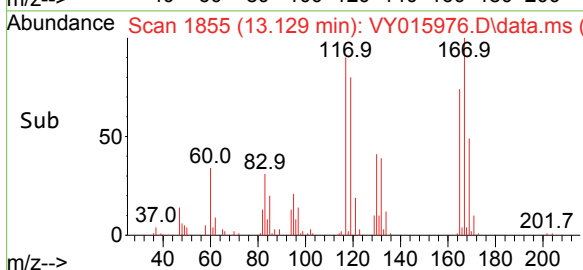
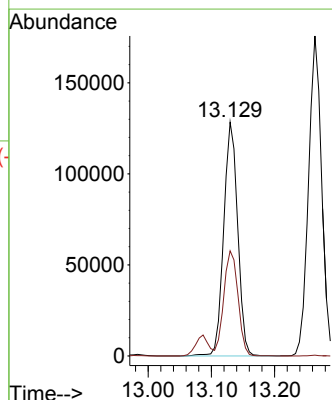
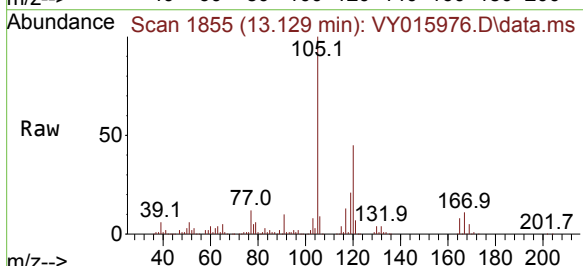
Acq: 16 Oct 2023 10:35

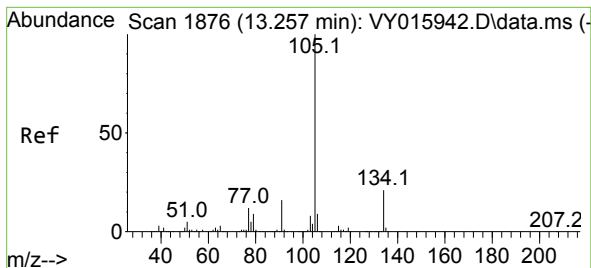
Tgt Ion:105 Resp: 196142

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.618 ug/l

RT: 13.264 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

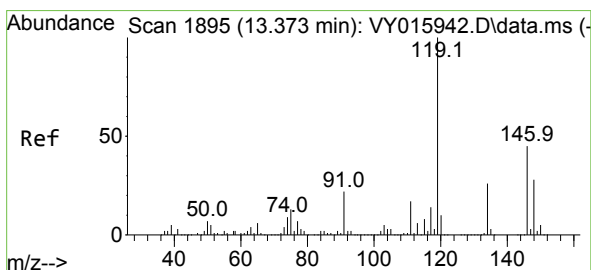
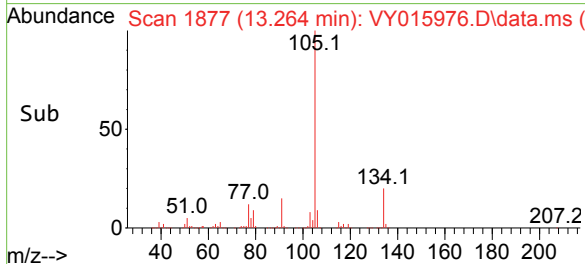
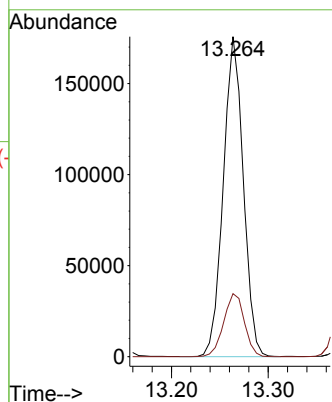
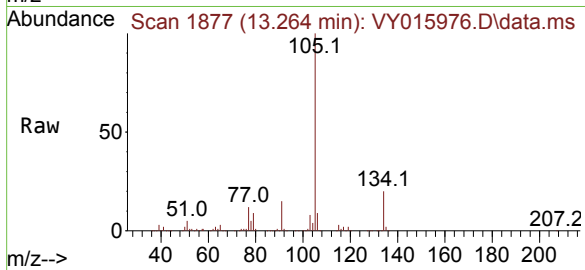
ClientSampleId :

Tgt Ion:105 Resp: 252144

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.861 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

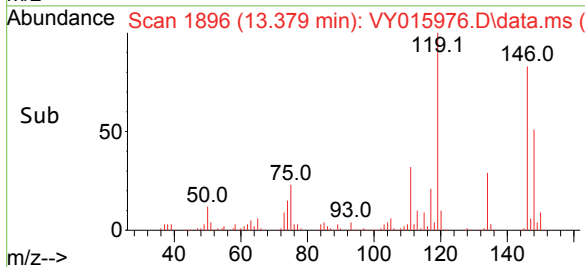
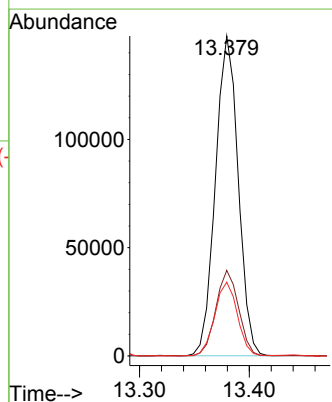
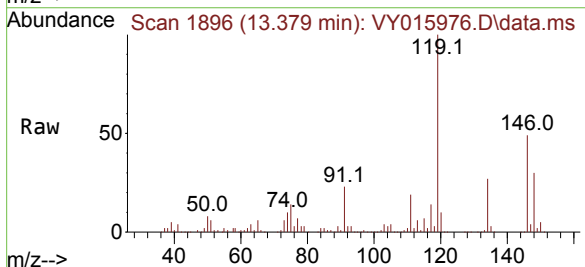
Tgt Ion:119 Resp: 213314

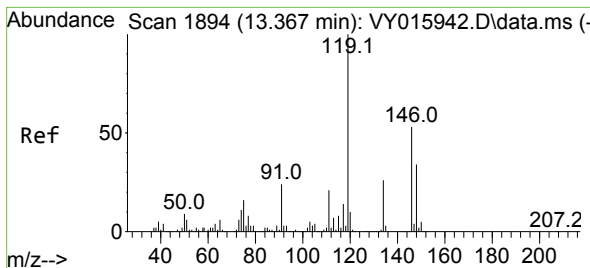
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.673 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

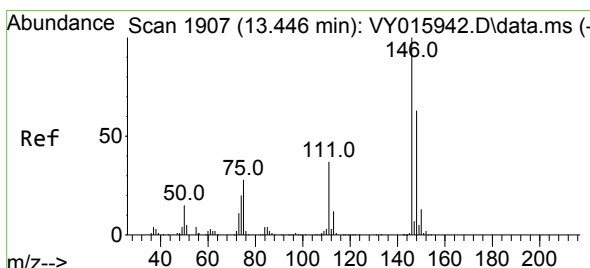
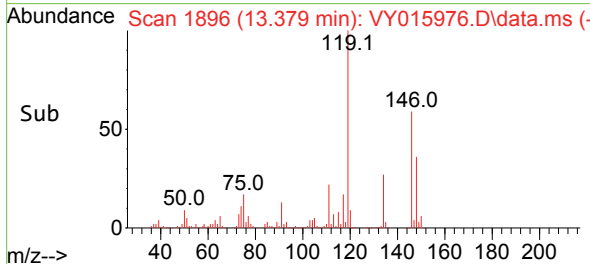
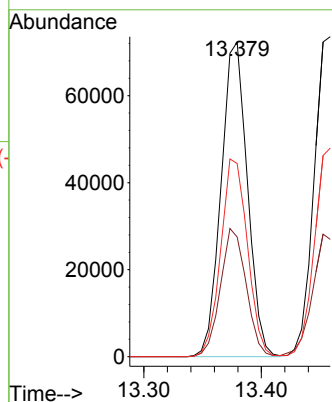
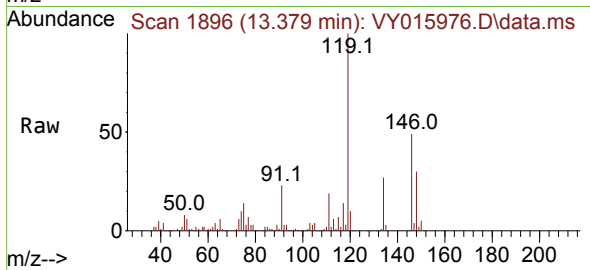
Tgt Ion:146 Resp: 112512

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.943 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.012 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

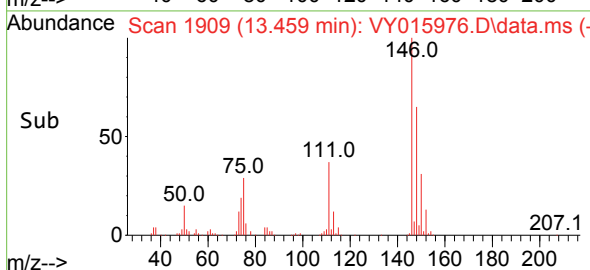
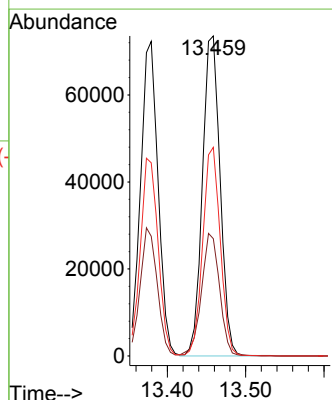
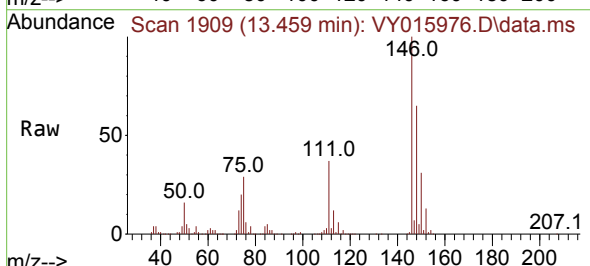
Tgt Ion:146 Resp: 115176

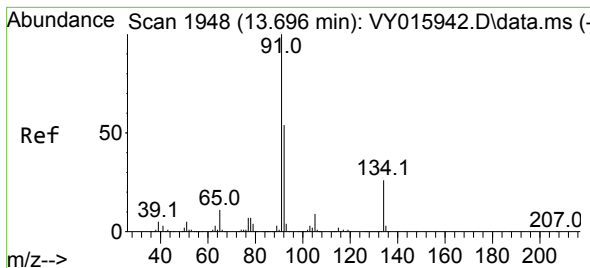
Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.7

148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 19.836 ug/l

RT: 13.709 min Scan# 1948

Delta R.T. 0.012 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

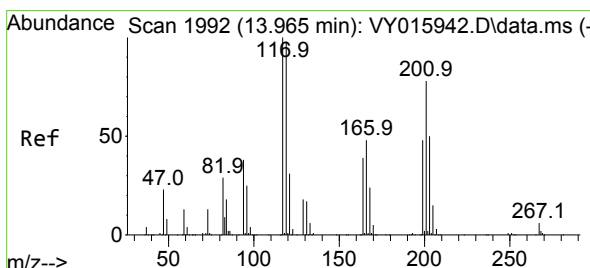
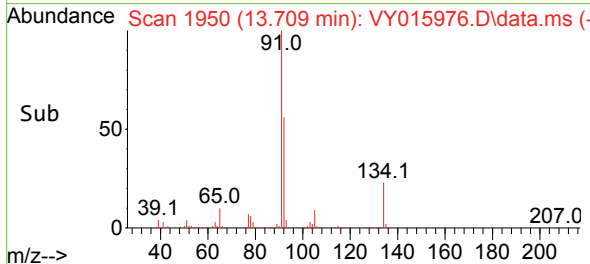
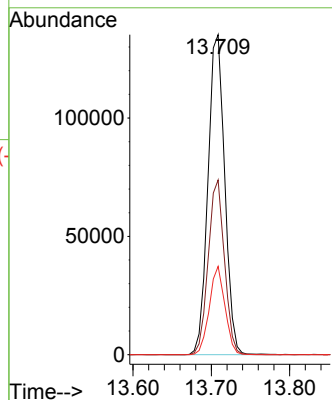
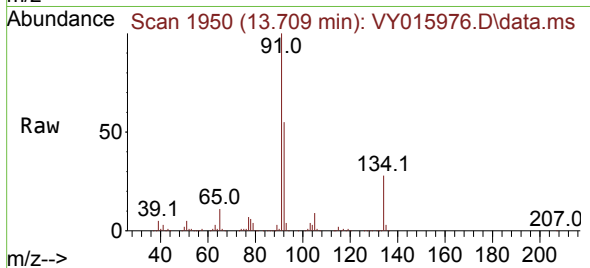
Tgt Ion: 91 Resp: 200339

Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.0

134 25.8 12.6 37.6



#90

Hexachloroethane

Concen: 19.573 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY015976.D

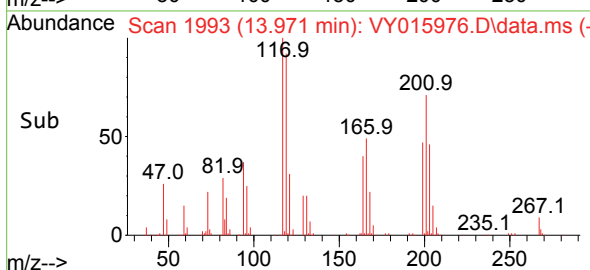
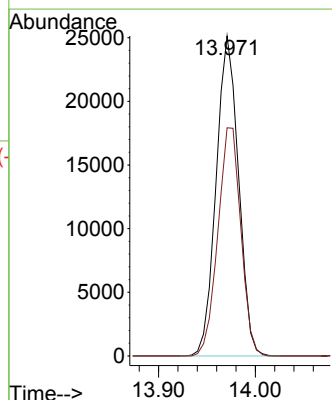
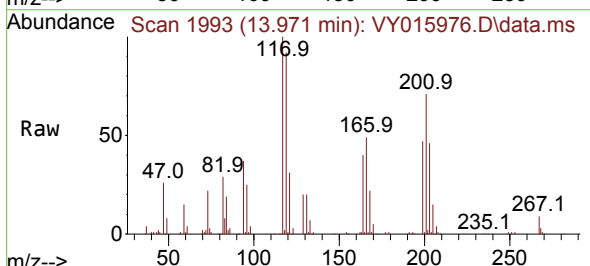
Acq: 16 Oct 2023 10:35

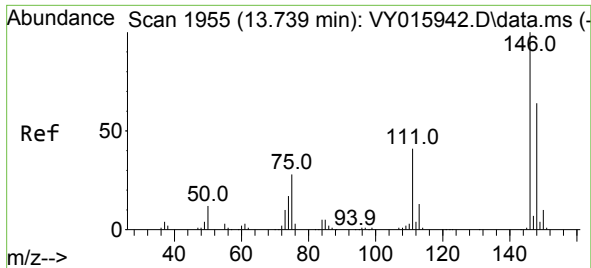
Tgt Ion: 117 Resp: 40292

Ion Ratio Lower Upper

117 100

201 73.3 41.6 124.8

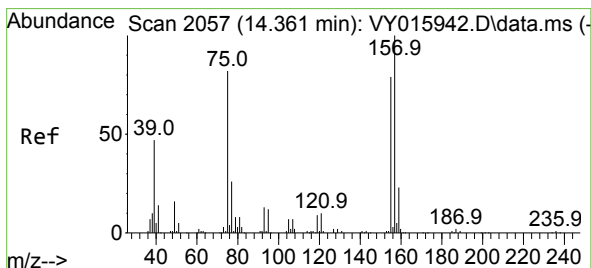
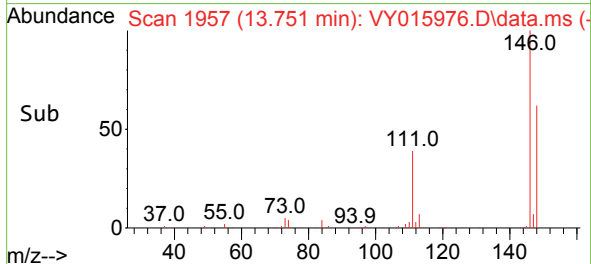
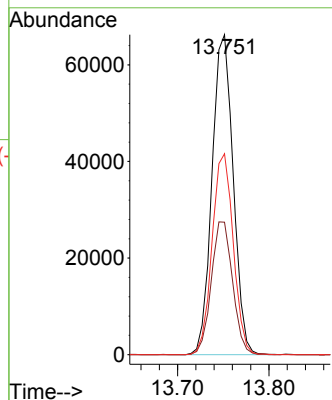
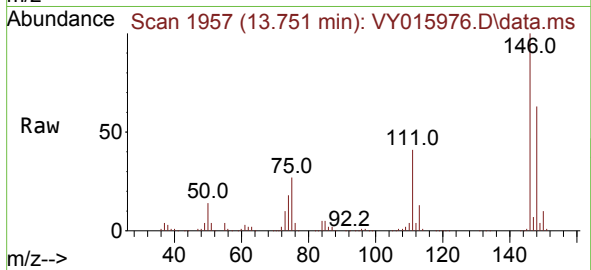




#91
1,2-Dichlorobenzene
Concen: 19.847 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.012 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

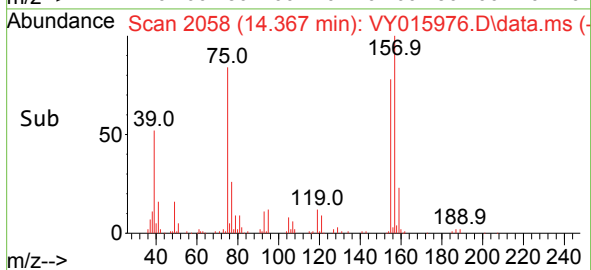
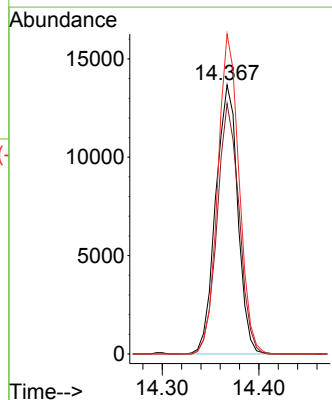
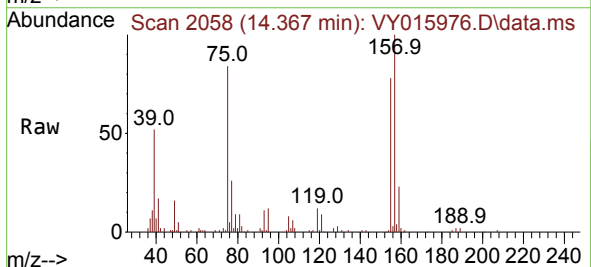
Instrument :
MSVOA_Y
ClientSampleId :

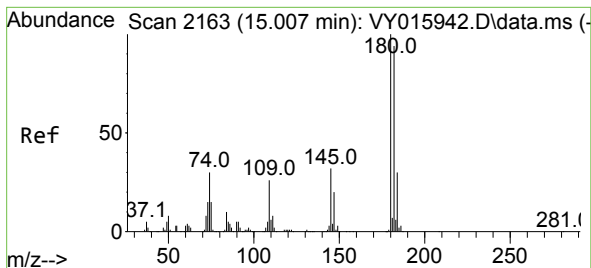
Tgt Ion:146 Resp: 106495
Ion Ratio Lower Upper
146 100
111 41.8 19.7 59.0
148 62.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.731 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY015976.D
Acq: 16 Oct 2023 10:35

Tgt Ion: 75 Resp: 21609
Ion Ratio Lower Upper
75 100
155 92.3 41.5 124.6
157 114.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.675 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.012 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

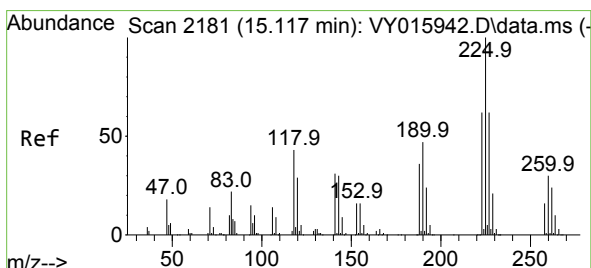
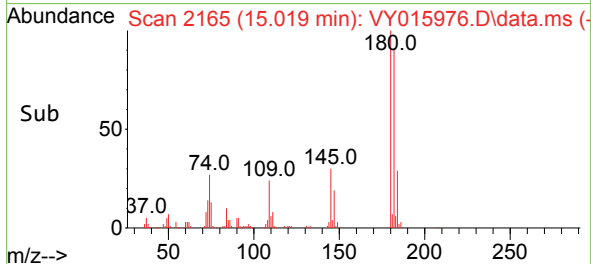
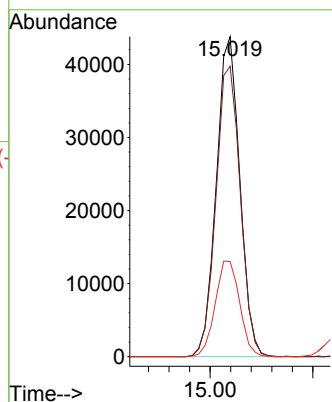
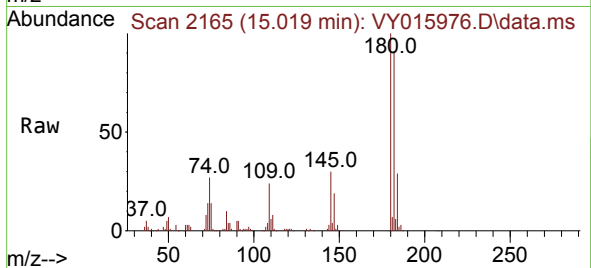
Tgt Ion:180 Resp: 69392

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 31.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.300 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

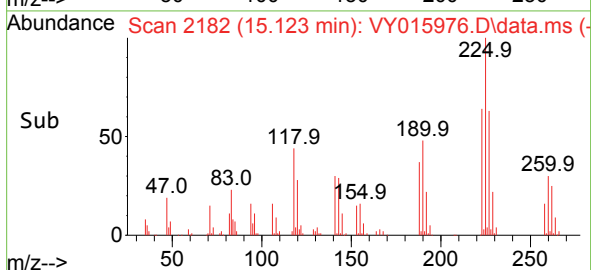
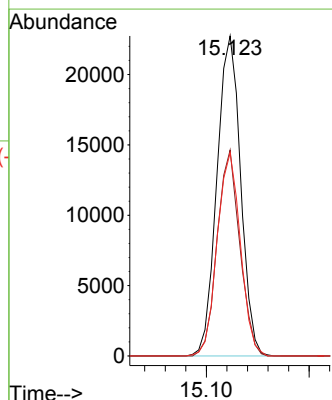
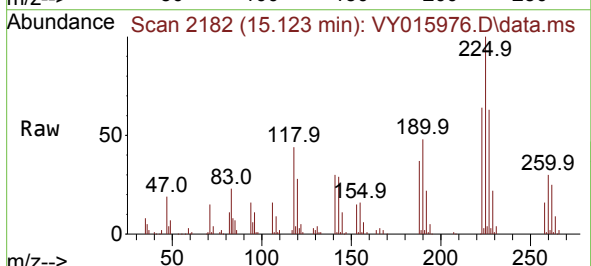
Tgt Ion:225 Resp: 36352

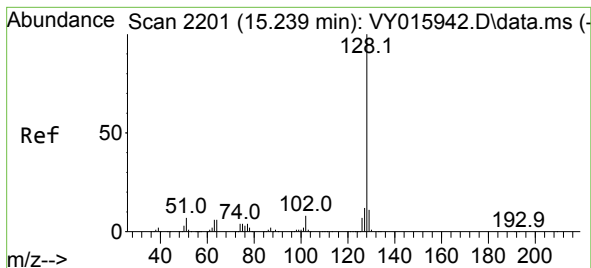
Ion Ratio Lower Upper

225 100

223 61.5 31.9 95.9

227 62.3 33.0 98.9





#95

Naphthalene

Concen: 19.978 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

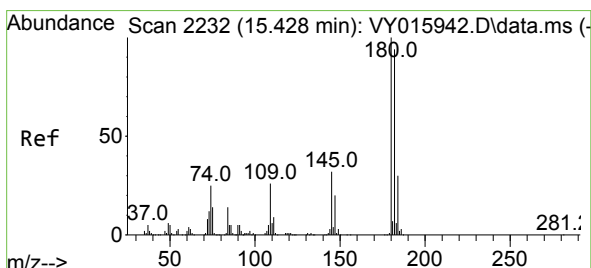
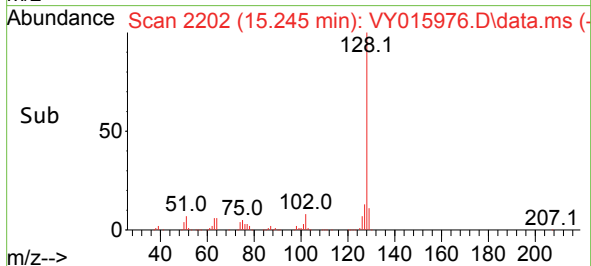
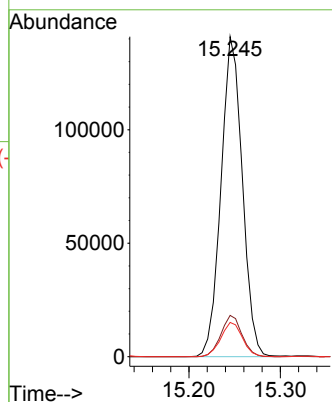
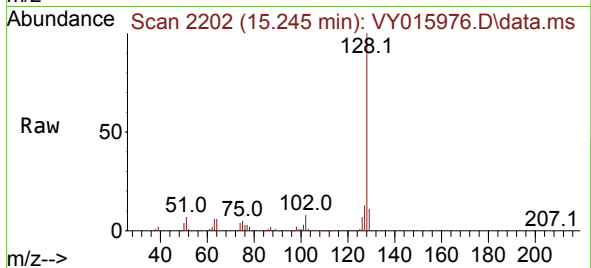
Tgt Ion:128 Resp: 228577

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.955 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY015976.D

Acq: 16 Oct 2023 10:35

Tgt Ion:180 Resp: 67472

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

145 31.7 15.4 46.2

