

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016679.D
 Acq On : 16 Dec 2023 19:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 18 00:44:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	299268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	474842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	424134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	205841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108331	44.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.660%
35) Dibromofluoromethane	7.728	113	119552	46.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.880%
50) Toluene-d8	10.185	98	452265	45.242	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.480%
62) 4-Bromofluorobenzene	12.489	95	151795	46.505	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	134508	57.670	ug/l	99
3) Chloromethane	2.119	50	158755	43.678	ug/l	98
4) Vinyl Chloride	2.260	62	172501	41.343	ug/l	99
5) Bromomethane	2.662	94	121896	40.818	ug/l	99
6) Chloroethane	2.802	64	118019	43.488	ug/l	97
7) Trichlorofluoromethane	3.137	101	231304	49.634	ug/l	97
8) Diethyl Ether	3.540	74	80614	55.378	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.912	101	154482	53.600	ug/l	97
10) Methyl Iodide	4.107	142	185696	61.906	ug/l	95
11) Tert butyl alcohol	4.972	59	42947	217.451	ug/l #	82
12) 1,1-Dichloroethene	3.887	96	153088	56.343	ug/l	85
13) Acrolein	3.741	56	27607	189.961	ug/l	99
14) Allyl chloride	4.497	41	204640	55.550	ug/l #	88
15) Acrylonitrile	5.180	53	138302	228.302	ug/l	97
16) Acetone	3.960	43	144959	250.901	ug/l #	82
17) Carbon Disulfide	4.210	76	478199	55.646	ug/l	99
18) Methyl Acetate	4.491	43	137541	60.176	ug/l #	85
19) Methyl tert-butyl Ether	5.235	73	326722	51.285	ug/l	99
20) Methylene Chloride	4.735	84	178978	59.340	ug/l #	84
21) trans-1,2-Dichloroethene	5.235	96	157599	49.785	ug/l	92
22) Diisopropyl ether	6.137	45	399252	50.569	ug/l #	85
23) Vinyl Acetate	6.082	43	810968	208.461	ug/l #	91
24) 1,1-Dichloroethane	6.039	63	231391	44.911	ug/l	95
25) 2-Butanone	6.997	43	219002	267.229	ug/l #	87
26) 2,2-Dichloropropane	6.997	77	232352	50.796	ug/l	94
27) cis-1,2-Dichloroethene	7.003	96	204629	59.858	ug/l	87
28) Bromochloromethane	7.344	49	98764	53.935	ug/l #	80
29) Tetrahydrofuran	7.362	42	139800	293.840	ug/l #	84
30) Chloroform	7.521	83	315406	58.864	ug/l	95
31) Cyclohexane	7.801	56	244185	50.535	ug/l	91
32) 1,1,1-Trichloroethane	7.716	97	274024	57.006	ug/l	96
36) 1,1-Dichloropropene	7.929	75	234605	55.612	ug/l	98
37) Ethyl Acetate	7.088	43	94877	54.574	ug/l #	92
38) Carbon Tetrachloride	7.911	117	248842	58.724	ug/l	98
39) Methylcyclohexane	9.191	83	290629	54.813	ug/l	92
40) Benzene	8.173	78	716498	57.950	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	129477	147.853	ug/l #	17
42) 1,2-Dichloroethane	8.246	62	181376	57.396	ug/l	90
43) Isopropyl Acetate	8.283	43	181880	56.925	ug/l #	87
44) Trichloroethene	8.947	130	204832	59.484	ug/l	96
45) 1,2-Dichloropropane	9.228	63	170402	58.994	ug/l	98
46) Dibromomethane	9.313	93	96281	60.274	ug/l	99
47) Bromodichloromethane	9.502	83	239223	59.271	ug/l	98
48) Methyl methacrylate	9.301	41	105101	59.404	ug/l #	79
49) 1,4-Dioxane	9.307	88	20943	1223.911	ug/l #	62
51) 4-Methyl-2-Pentanone	10.075	43	483985	288.823	ug/l #	86
52) Toluene	10.252	92	460486	59.457	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	225551	59.238	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	273350	59.711	ug/l #	86
55) 1,1,2-Trichloroethane	10.654	97	134890	60.098	ug/l	95
56) Ethyl methacrylate	10.514	69	125821	64.656	ug/l #	78
57) 1,3-Dichloropropane	10.795	76	227914	61.014	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	311767	231.528	ug/l	91
59) 2-Hexanone	10.837	43	337988	245.851	ug/l	83
60) Dibromochloromethane	10.990	129	170694	62.751	ug/l	99
61) 1,2-Dibromoethane	11.093	107	130796	62.089	ug/l	100
64) Tetrachloroethene	10.728	164	218409	62.855	ug/l	97
65) Chlorobenzene	11.520	112	488355	59.031	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	183137	60.530	ug/l	98
67) Ethyl Benzene	11.599	91	865833	58.174	ug/l	97
68) m/p-Xylenes	11.709	106	676220	117.770	ug/l	92
69) o-Xylene	12.038	106	316535	60.269	ug/l	95
70) Styrene	12.050	104	471548	61.970	ug/l	96
71) Bromoform	12.215	173	103740	63.227	ug/l #	98
73) Isopropylbenzene	12.337	105	834692	57.650	ug/l	99
74) N-amyl acetate	12.148	43	152942	56.358	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.587	83	140068	56.865	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	185760	98.522	ug/l #	100
77) Bromobenzene	12.617	156	201972	59.540	ug/l	91
78) n-propylbenzene	12.678	91	974422	56.306	ug/l	98
79) 2-Chlorotoluene	12.764	91	547899	57.655	ug/l	96
80) 1,3,5-Trimethylbenzene	12.819	105	690080	59.608	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	45643	55.320	ug/l	88
82) 4-Chlorotoluene	12.861	91	570968	58.101	ug/l	97
83) tert-Butylbenzene	13.081	119	594757	58.876	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	683117	59.496	ug/l	97
85) sec-Butylbenzene	13.258	105	843309	56.892	ug/l	99
86) p-Isopropyltoluene	13.373	119	745022	58.869	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	383574	58.179	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	377326	58.203	ug/l	99
89) n-Butylbenzene	13.703	91	658506	56.011	ug/l	96
90) Hexachloroethane	13.965	117	98951	39.283	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	339091	59.942	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12224	34.288	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	103463	33.857	ug/l	99
94) Hexachlorobutadiene	15.117	225	54836	29.896	ug/l	97
95) Naphthalene	15.245	128	194064	37.629	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	86693	34.415	ug/l	99

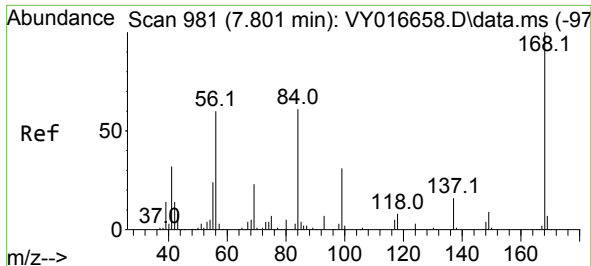
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Response via : Initial Calibration

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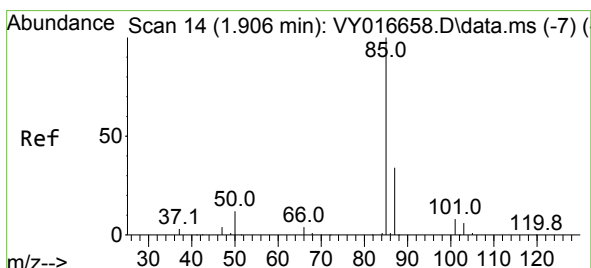
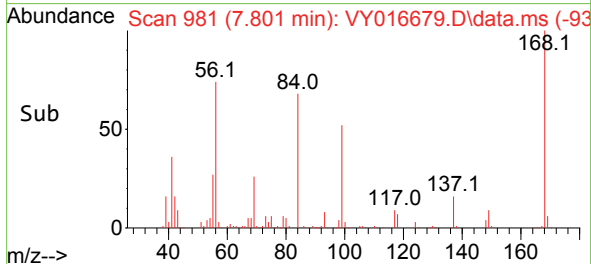
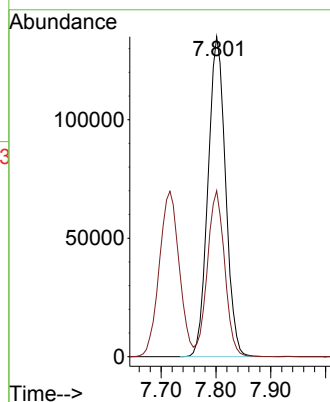
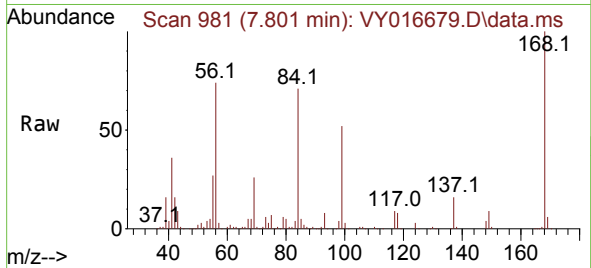
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016679.D
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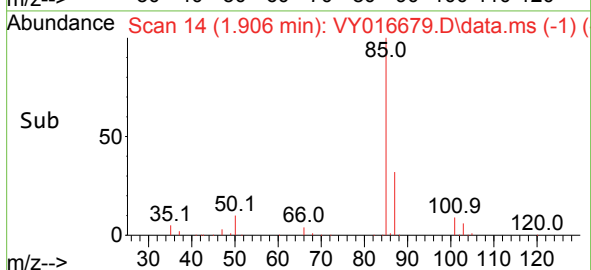
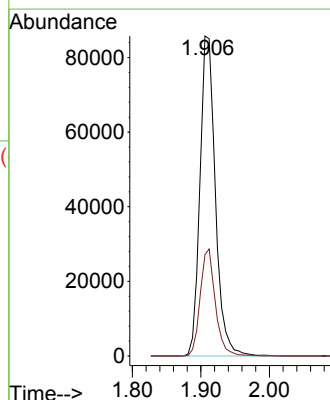
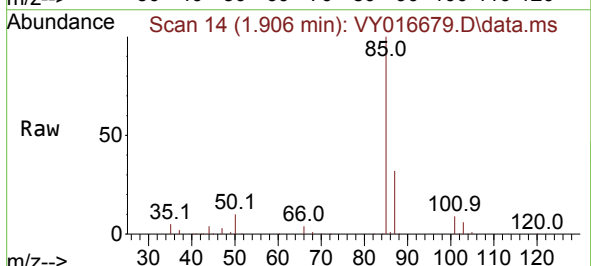
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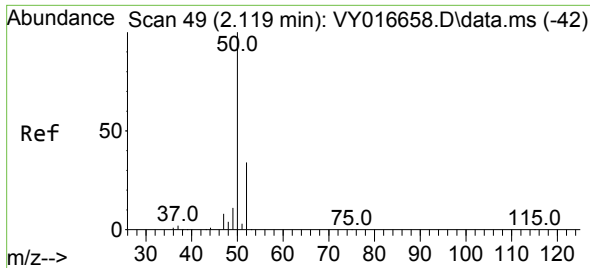
Tgt Ion:168 Resp: 299268
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 57.670 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 85 Resp: 134508
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8

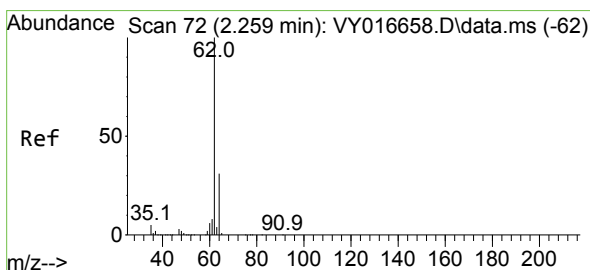
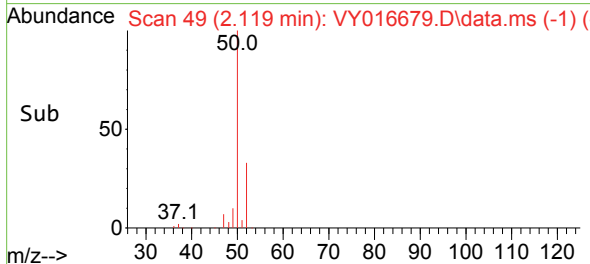
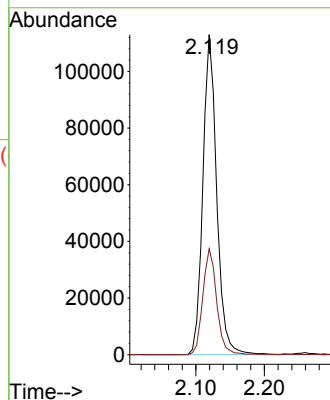
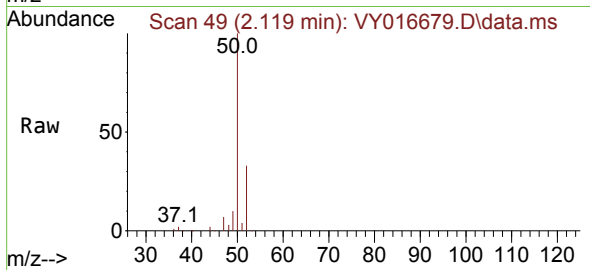




#3
Chloromethane
Concen: 43.678 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

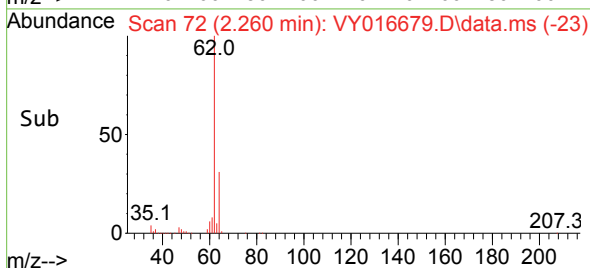
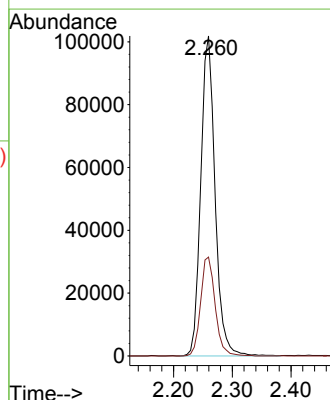
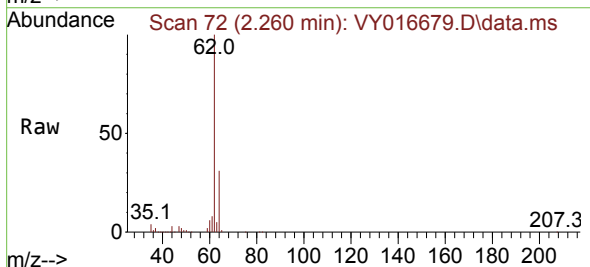
Instrument :
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ClientSampleId :

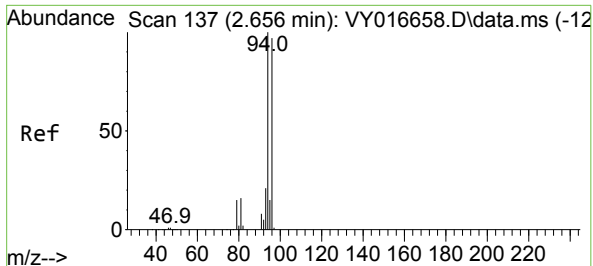
Tgt Ion: 50 Resp: 158755
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2



#4
Vinyl Chloride
Concen: 41.343 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 62 Resp: 172501
Ion Ratio Lower Upper
62 100
64 30.9 24.3 36.5

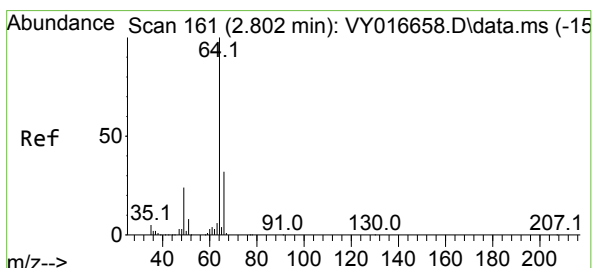
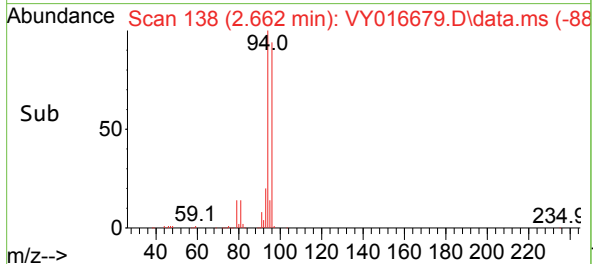
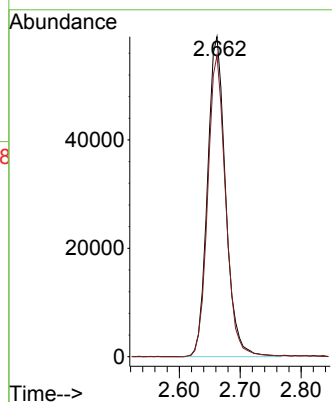
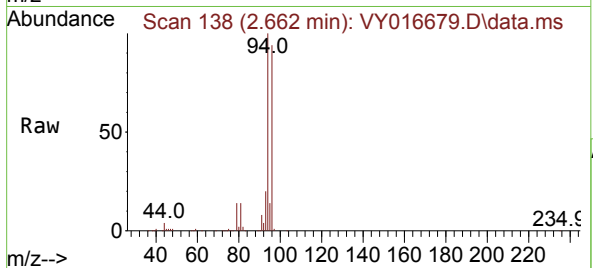




#5
Bromomethane
Concen: 40.818 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

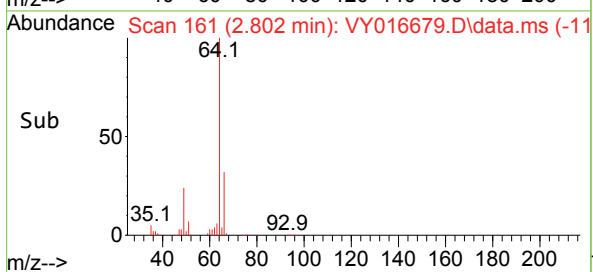
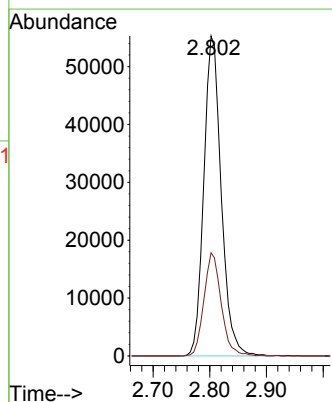
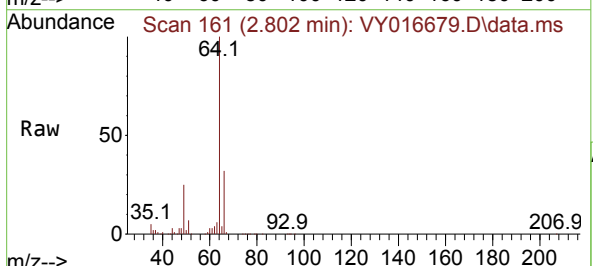
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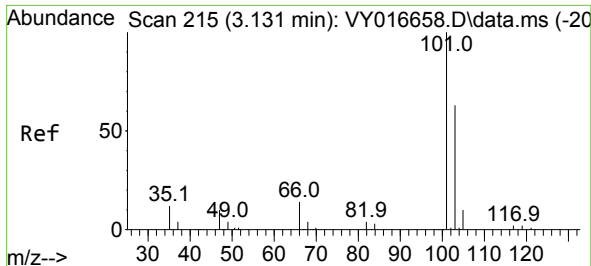
Tgt Ion: 94 Resp: 121896
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.6



#6
Chloroethane
Concen: 43.488 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 64 Resp: 118019
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6

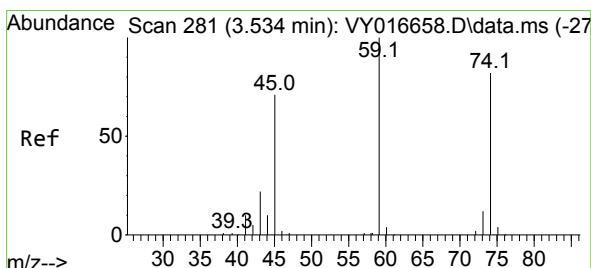
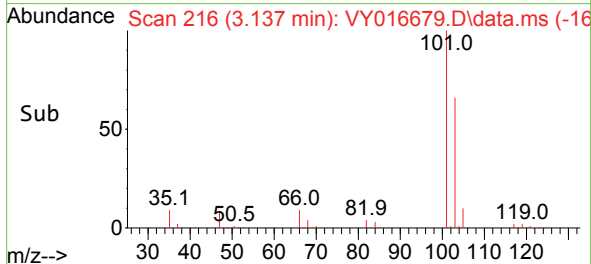
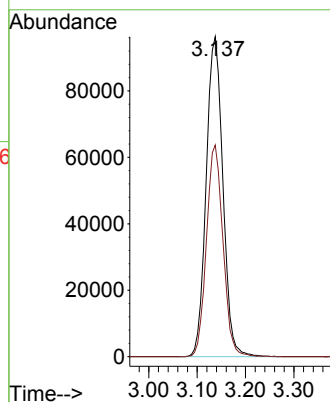
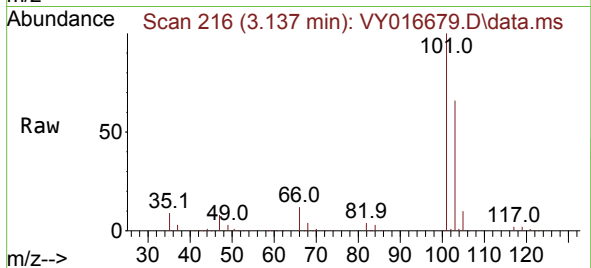




#7
Trichlorofluoromethane
Concen: 49.634 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

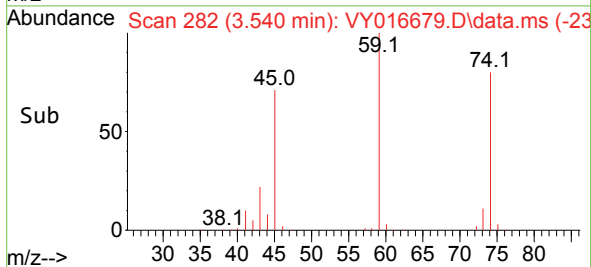
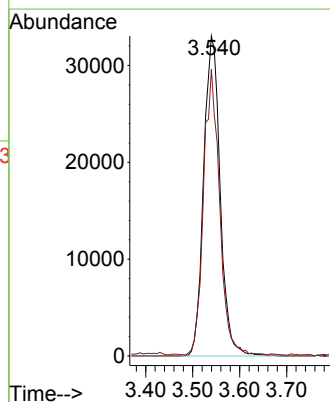
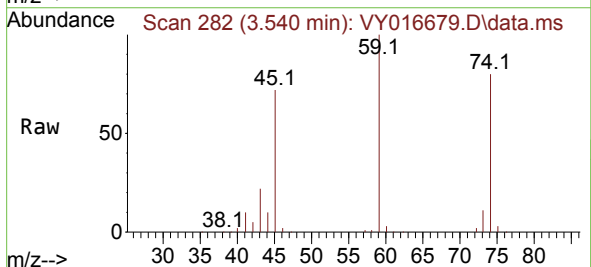
Instrument :
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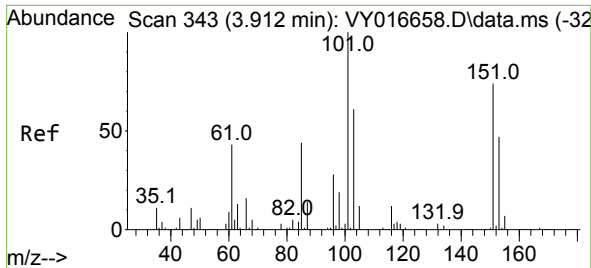
Tgt Ion:101 Resp: 231304
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.0



#8
Diethyl Ether
Concen: 55.378 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 74 Resp: 80614
Ion Ratio Lower Upper
74 100
45 86.4 51.5 154.5

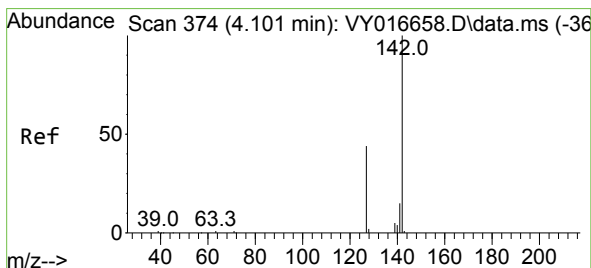
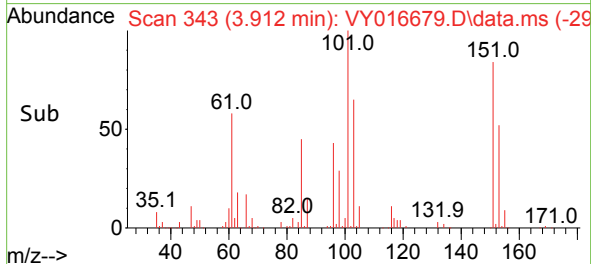
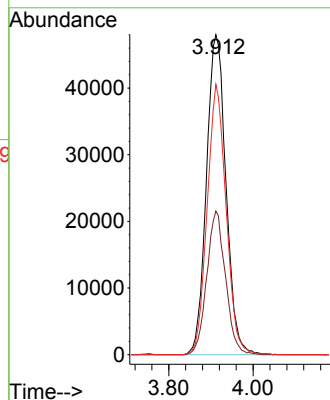
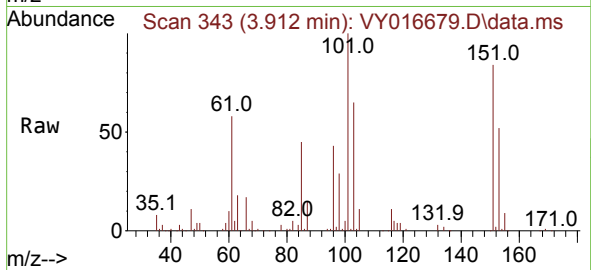




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 53.600 ug/l
 RT: 3.912 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VY016679.D
 Acq: 16 Dec 2023 19:09

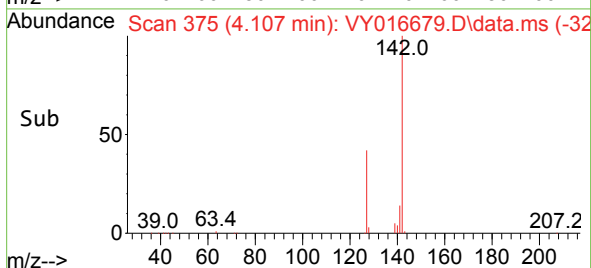
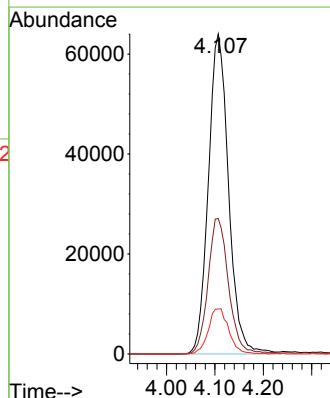
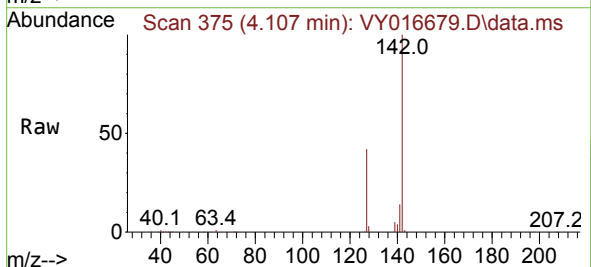
Instrument :
 MSVOA_Y
 ClientSampleId :

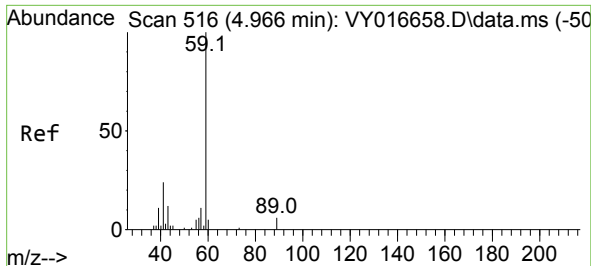
Tgt Ion:101 Resp: 154482
 Ion Ratio Lower Upper
 101 100
 85 43.1 36.6 55.0
 151 82.0 67.0 100.6



#10
 Methyl Iodide
 Concen: 61.906 ug/l
 RT: 4.107 min Scan# 375
 Delta R.T. 0.006 min
 Lab File: VY016679.D
 Acq: 16 Dec 2023 19:09

Tgt Ion:142 Resp: 185696
 Ion Ratio Lower Upper
 142 100
 127 43.2 37.6 56.4
 141 14.3 11.8 17.8

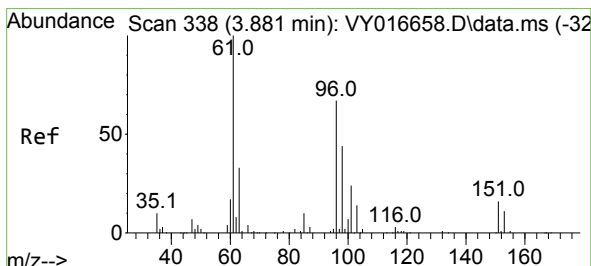
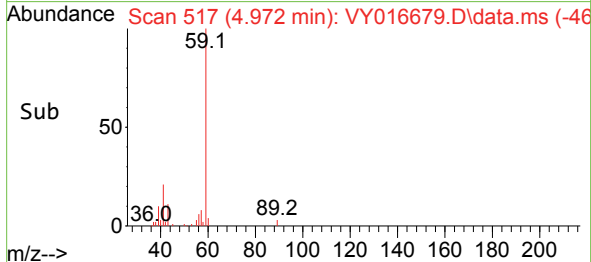
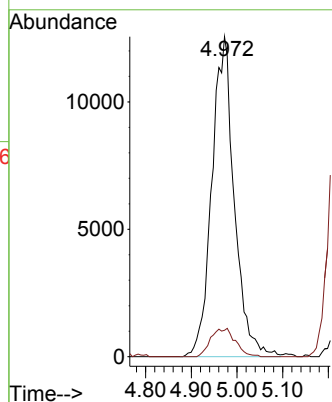
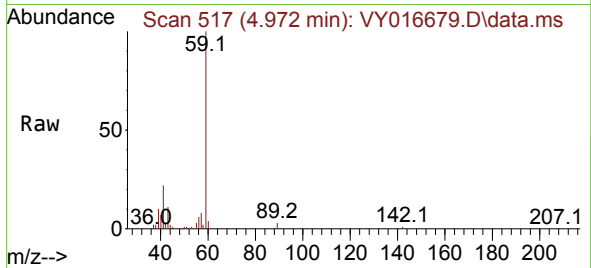




#11
Tert butyl alcohol
Concen: 217.451 ug/l
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

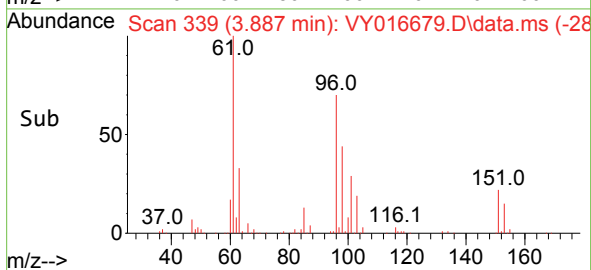
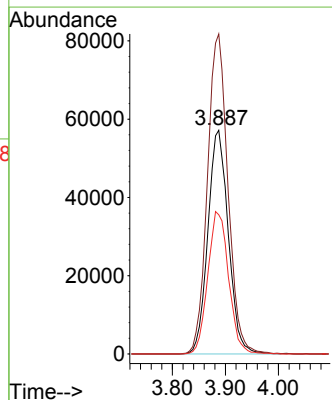
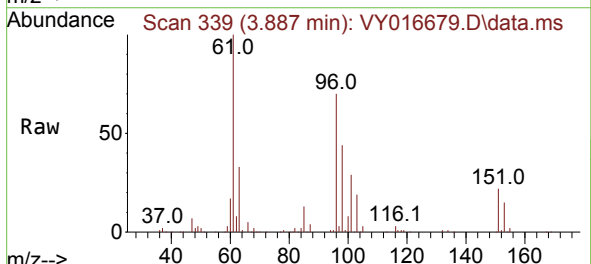
Instrument :
MSVOA_Y
ClientSampleId :

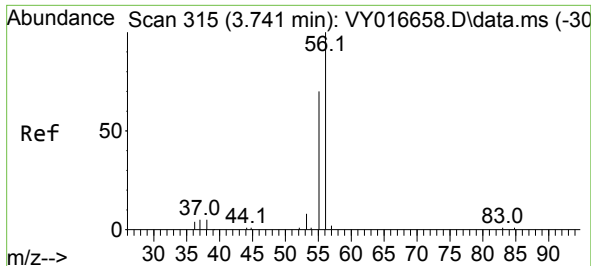
Tgt Ion: 59 Resp: 42947
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 56.343 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 96 Resp: 153088
Ion Ratio Lower Upper
96 100
61 143.1 136.4 204.6
98 62.3 49.4 74.2





#13

Acrolein

Concen: 189.961 ug/l

RT: 3.741 min Scan# 315

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

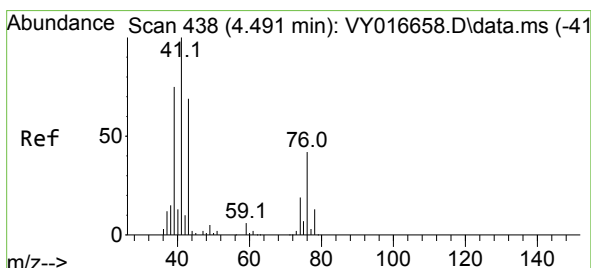
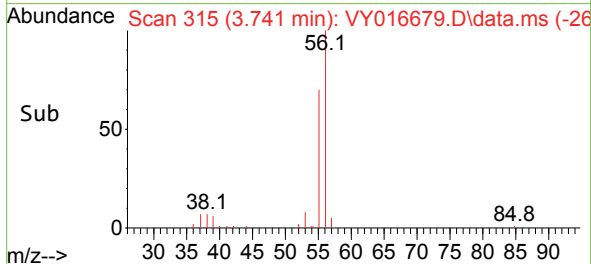
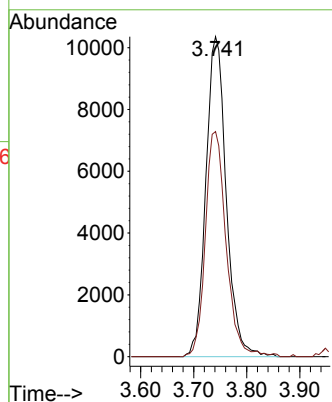
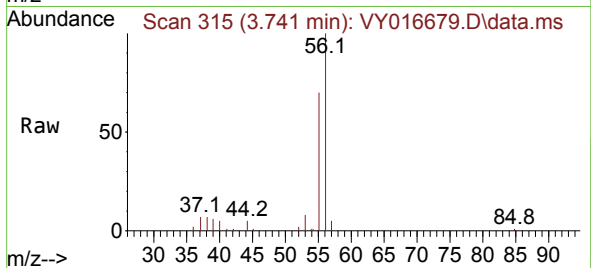
ClientSampleId :

Tgt Ion: 56 Resp: 27607

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



#14

Allyl chloride

Concen: 55.550 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

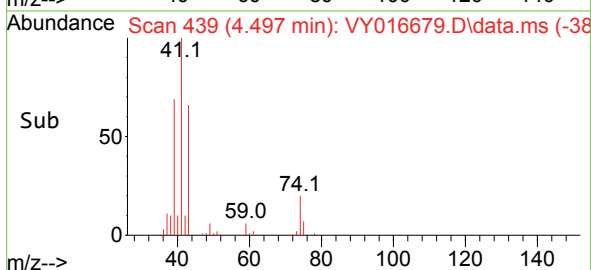
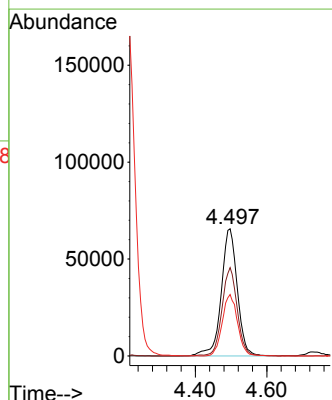
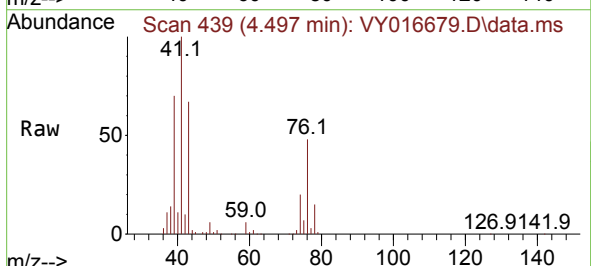
Tgt Ion: 41 Resp: 204640

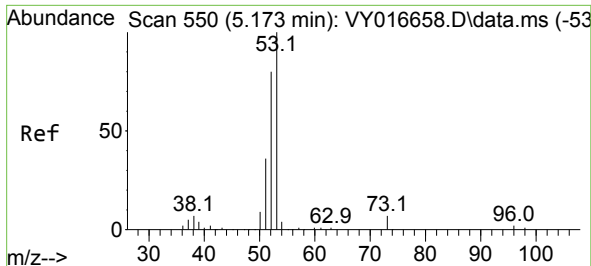
Ion Ratio Lower Upper

41 100

39 65.9 58.0 87.0

76 46.0 27.4 41.2#

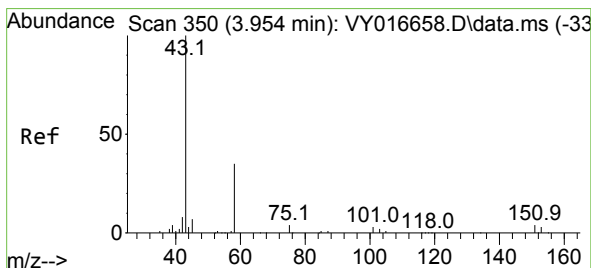
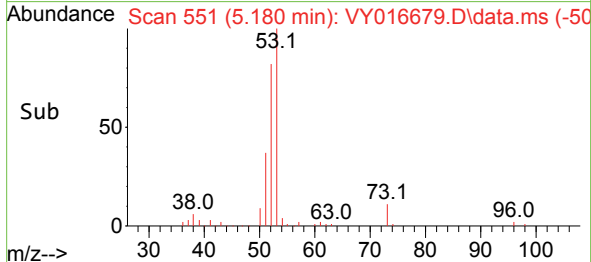
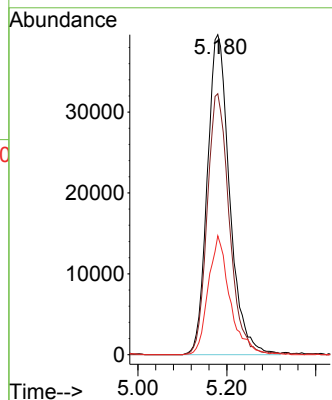
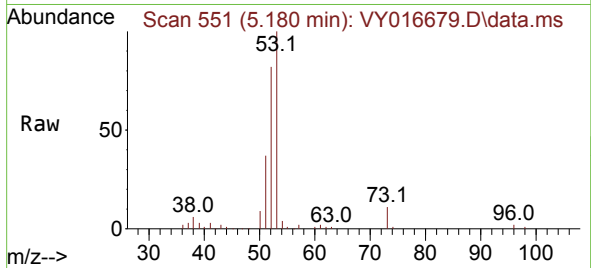




#15
Acrylonitrile
Concen: 228.302 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

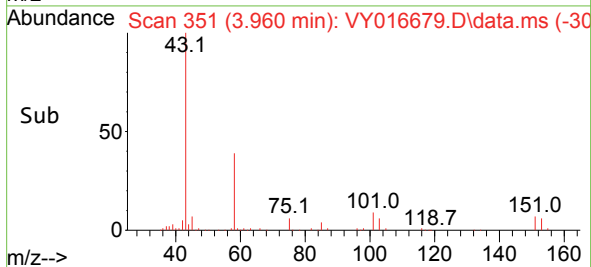
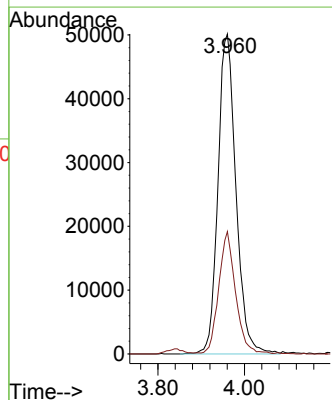
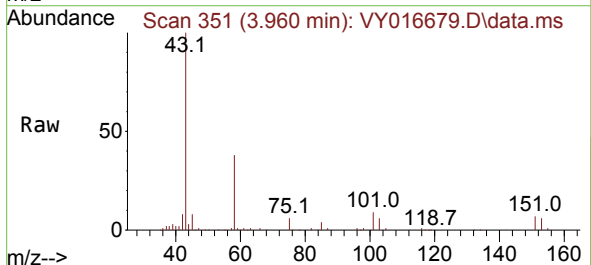
Instrument :
MSVOA_Y
ClientSampleId :

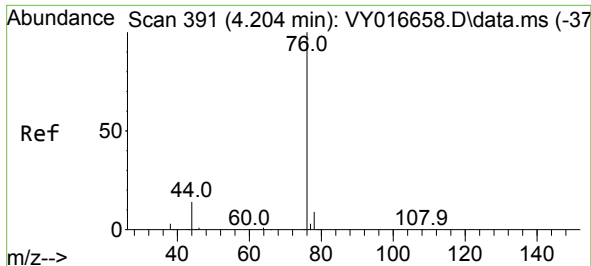
Tgt Ion: 53 Resp: 138302
Ion Ratio Lower Upper
53 100
52 80.7 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 250.901 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 43 Resp: 144959
Ion Ratio Lower Upper
43 100
58 38.1 22.7 34.1#

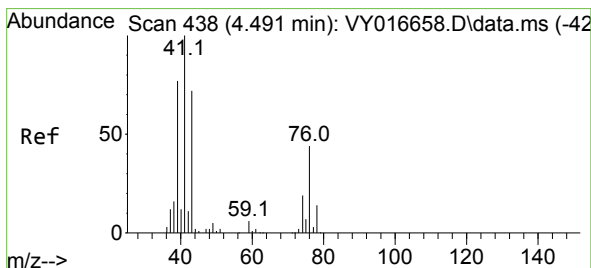
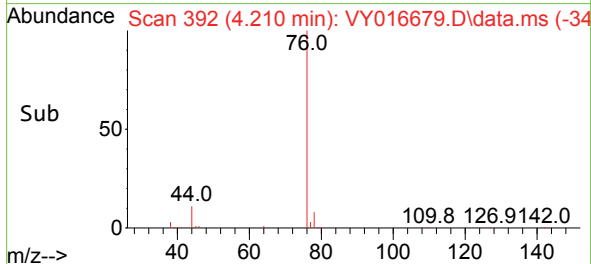
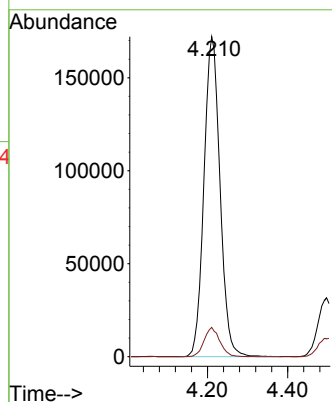
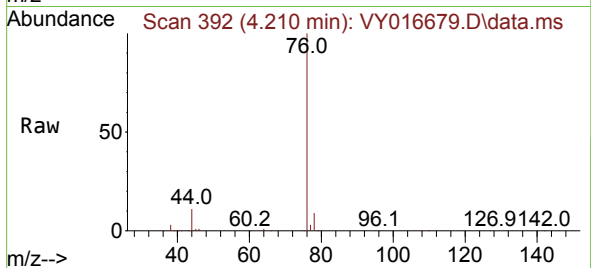




#17
Carbon Disulfide
Concen: 55.646 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

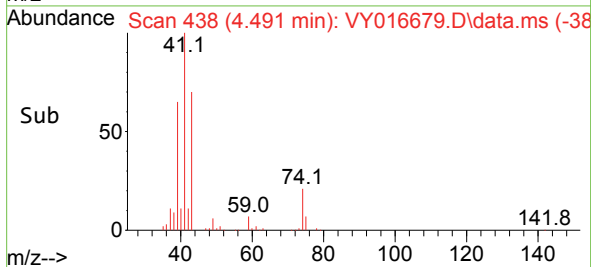
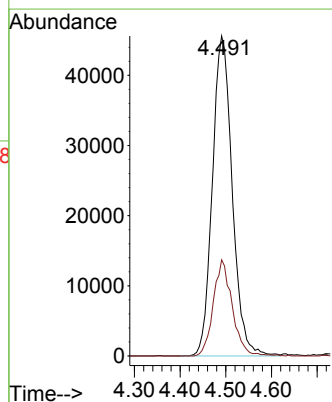
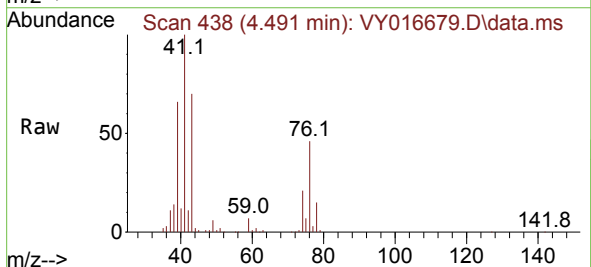
Instrument :
MSVOA_Y
ClientSampleId :

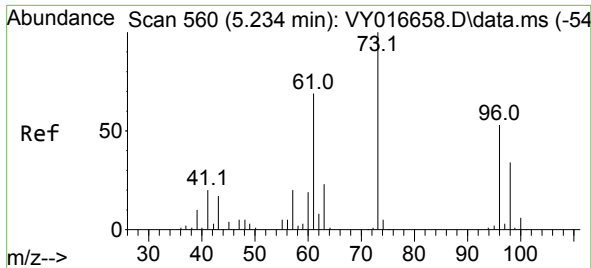
Tgt Ion: 76 Resp: 478199
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 60.176 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 43 Resp: 137541
Ion Ratio Lower Upper
43 100
74 28.7 17.4 26.0#

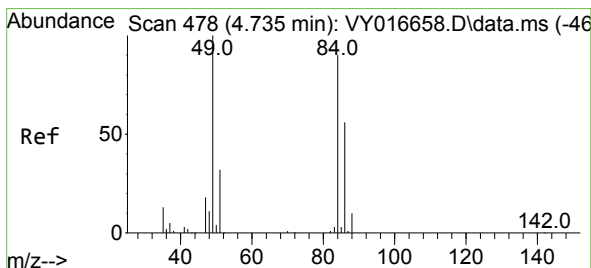
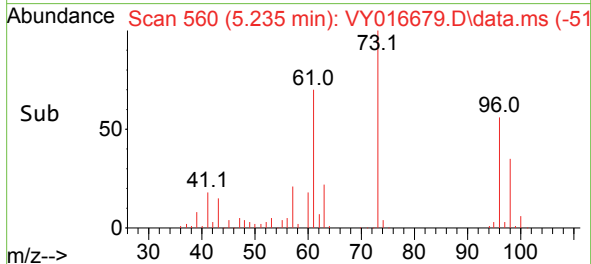
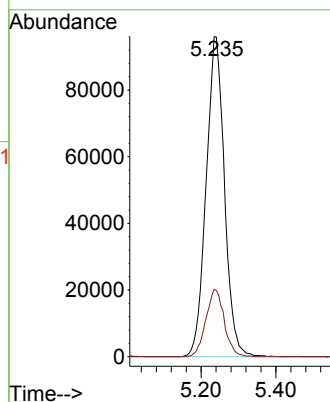
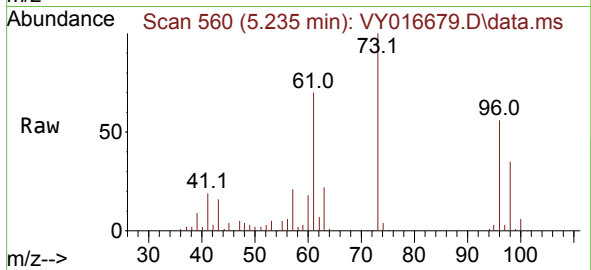




#19
Methyl tert-butyl Ether
Concen: 51.285 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

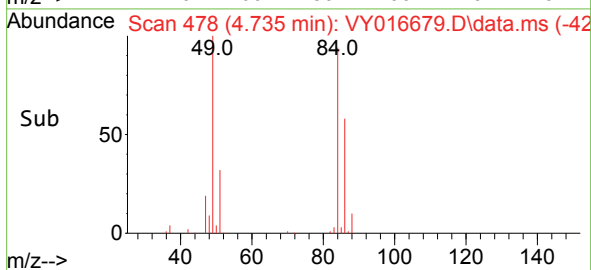
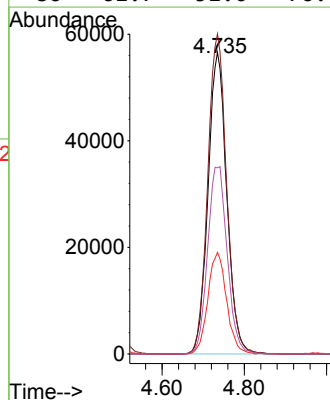
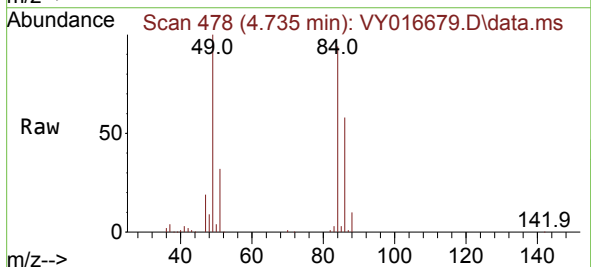
Instrument :
MSVOA_Y
ClientSampleId :

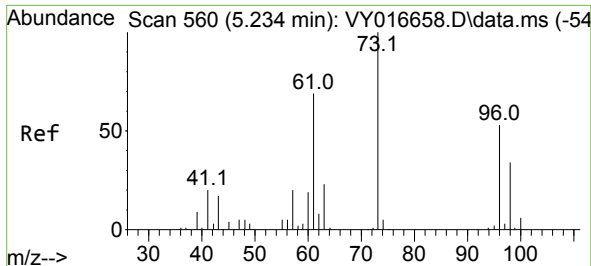
Tgt Ion: 73 Resp: 326722
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 59.340 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

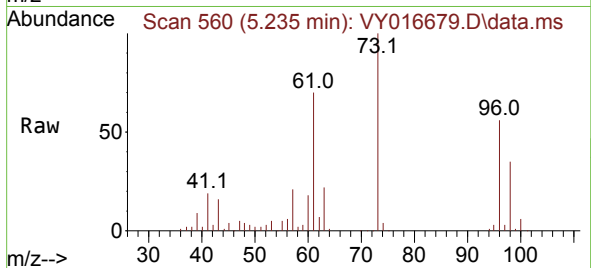
Tgt Ion: 84 Resp: 178978
Ion Ratio Lower Upper
84 100
49 106.0 106.9 160.3#
51 33.7 33.2 49.8
86 61.7 51.0 76.6



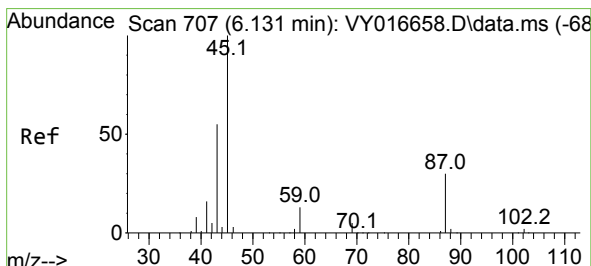
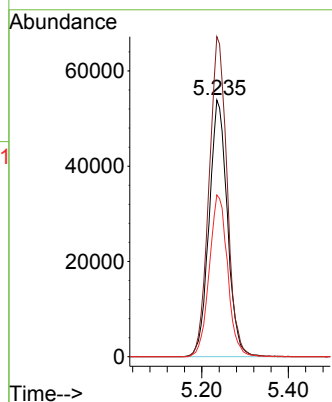
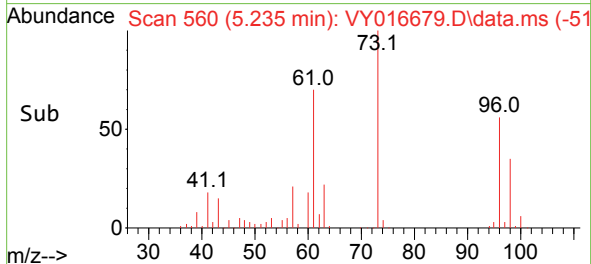


#21
trans-1,2-Dichloroethene
Concen: 49.785 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

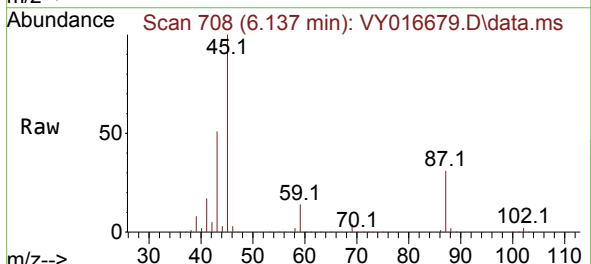
Instrument :
MSVOA_Y
ClientSampleId :



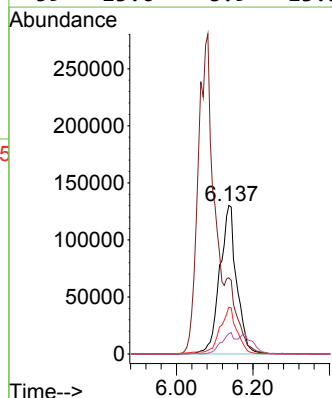
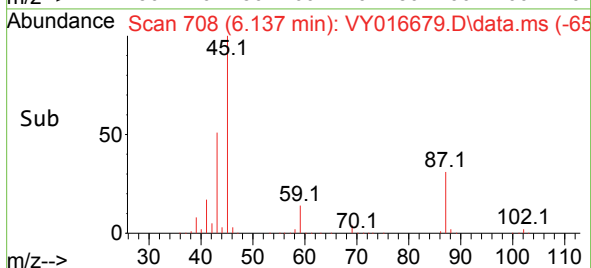
Tgt Ion: 96 Resp: 157599
Ion Ratio Lower Upper
96 100
61 124.7 110.2 165.4
98 63.0 51.8 77.6

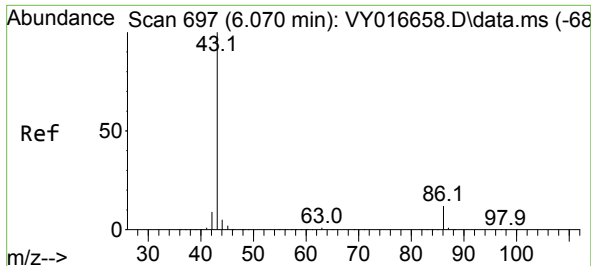


#22
Diisopropyl ether
Concen: 50.569 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09



Tgt Ion: 45 Resp: 399252
Ion Ratio Lower Upper
45 100
43 51.1 52.2 78.4#
87 31.4 21.0 31.6
59 13.6 8.9 13.3#

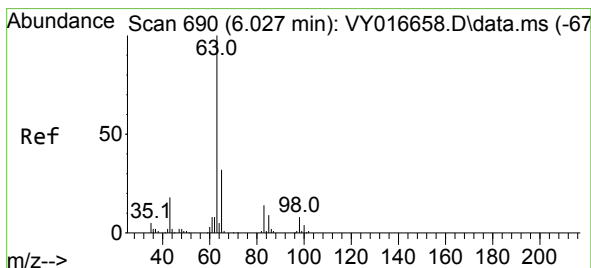
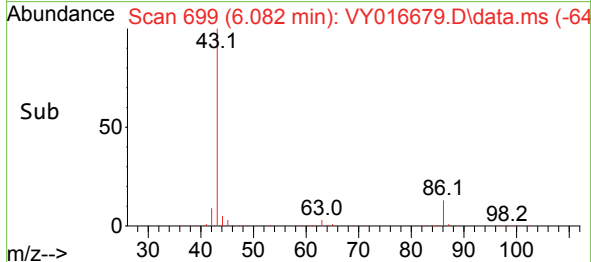
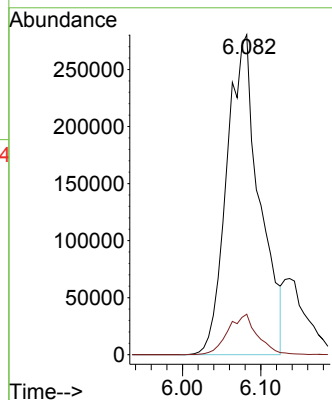
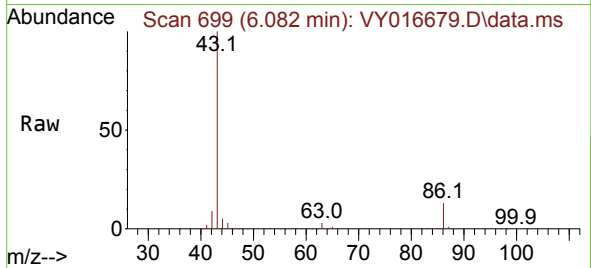




#23
 Vinyl Acetate
 Concen: 208.461 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY016679.D
 Acq: 16 Dec 2023 19:09

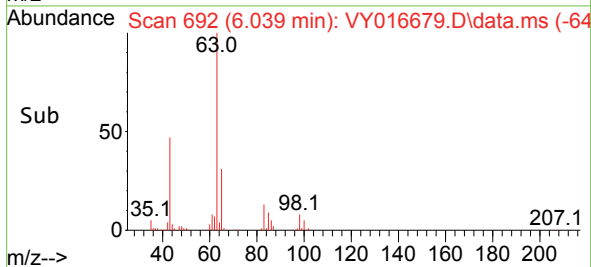
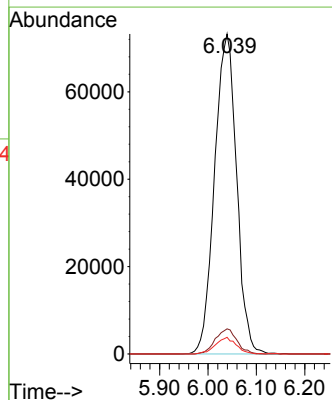
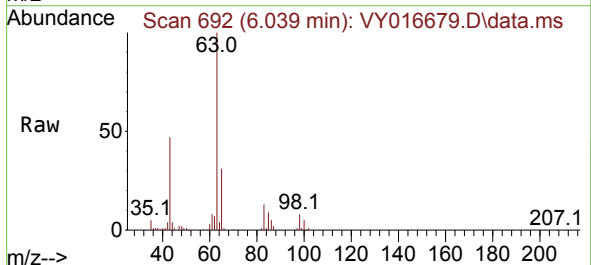
Instrument :
 MSVOA_Y
 ClientSampleId :

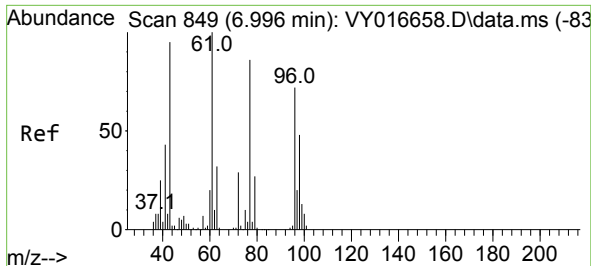
Tgt Ion: 43 Resp: 810968
 Ion Ratio Lower Upper
 43 100
 86 12.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 44.911 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY016679.D
 Acq: 16 Dec 2023 19:09

Tgt Ion: 63 Resp: 231391
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 5.2 1.8 5.5

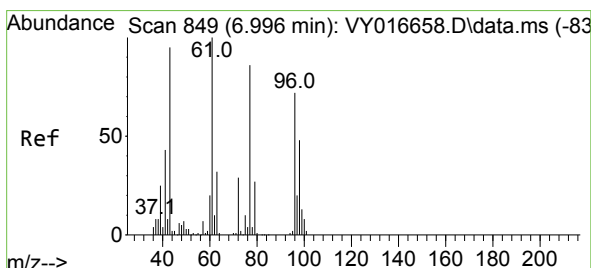
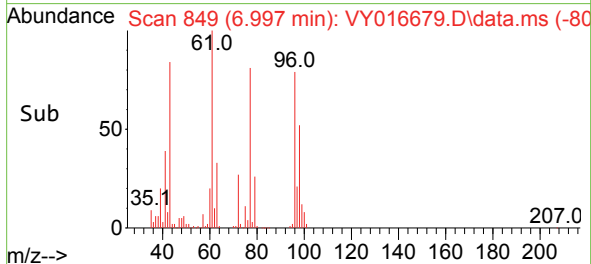
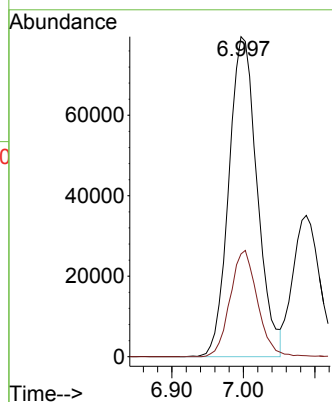
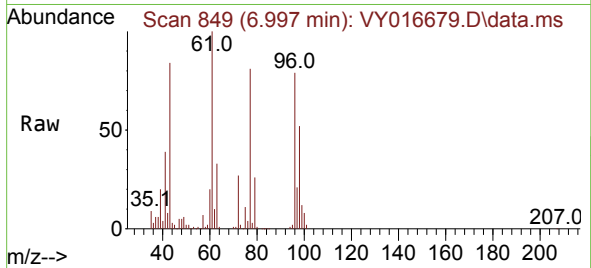




#25
2-Butanone
Concen: 267.229 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

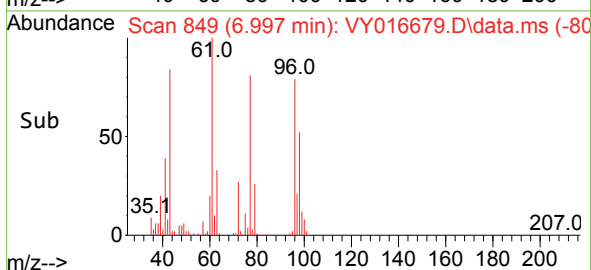
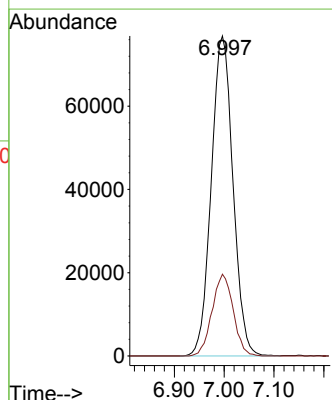
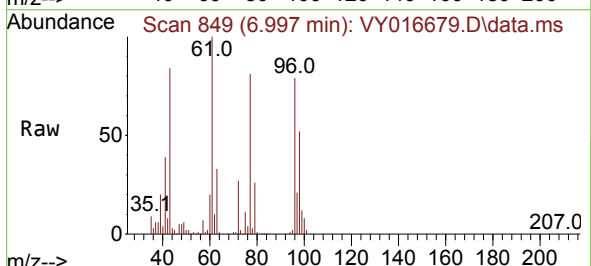
Instrument :
MSVOA_Y
ClientSampleId :

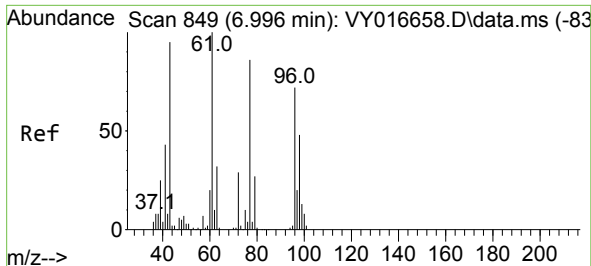
Tgt Ion: 43 Resp: 219002
Ion Ratio Lower Upper
43 100
72 32.1 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 50.796 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 77 Resp: 232352
Ion Ratio Lower Upper
77 100
97 24.8 10.9 32.9

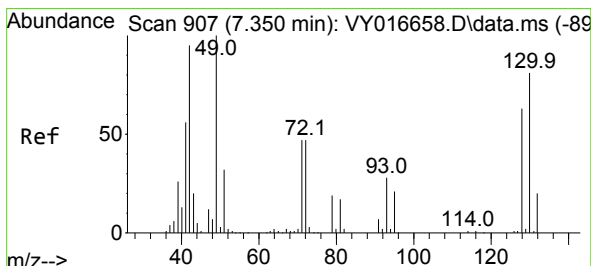
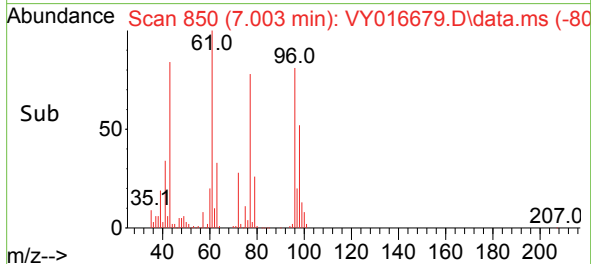
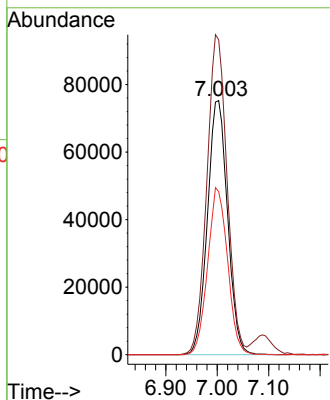
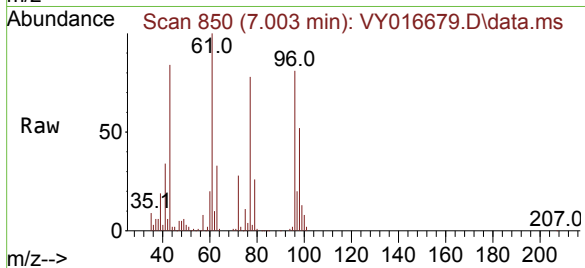




#27
 cis-1,2-Dichloroethene
 Concen: 59.858 ug/l
 RT: 7.003 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY016679.D
 Acq: 16 Dec 2023 19:09

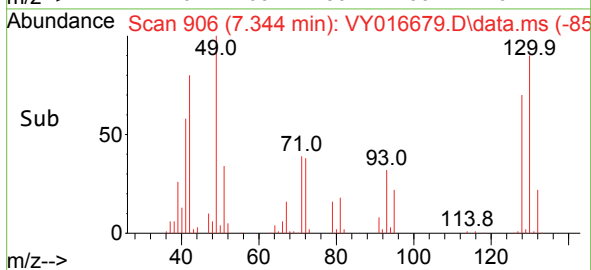
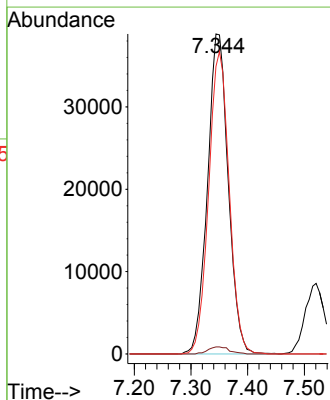
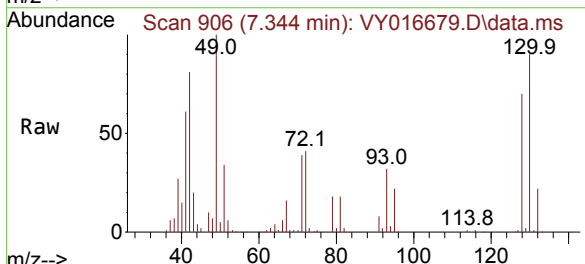
Instrument :
 MSVOA_Y
 ClientSampleId :

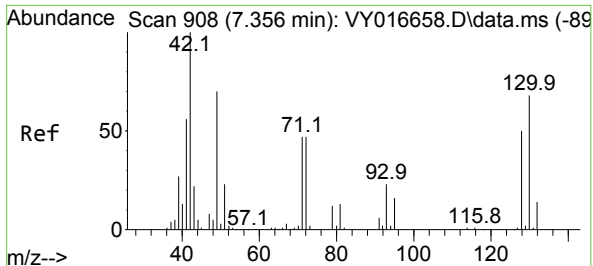
Tgt Ion: 96 Resp: 204629
 Ion Ratio Lower Upper
 96 100
 61 126.6 0.0 301.4
 98 65.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 53.935 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY016679.D
 Acq: 16 Dec 2023 19:09

Tgt Ion: 49 Resp: 98764
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 93.3 60.7 91.1#





#29

Tetrahydrofuran

Concen: 293.840 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

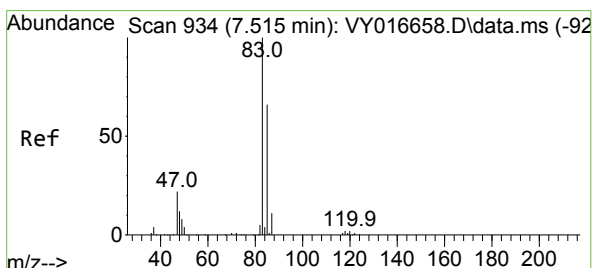
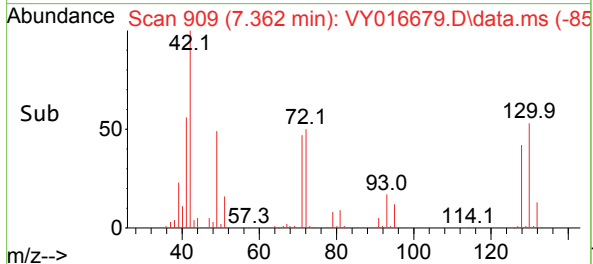
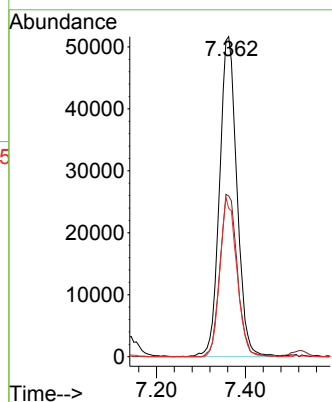
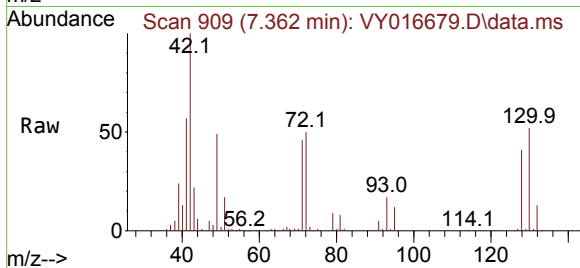
Tgt Ion: 42 Resp: 139800

Ion Ratio Lower Upper

42 100

72 50.9 32.8 49.2#

71 48.2 31.0 46.4#



#30

Chloroform

Concen: 58.864 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY016679.D

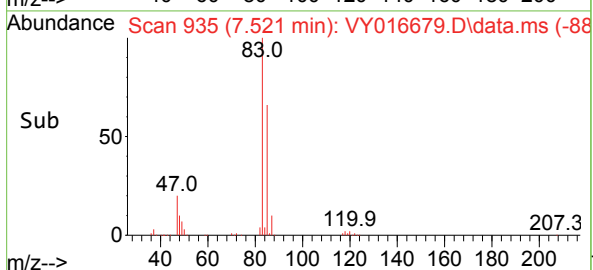
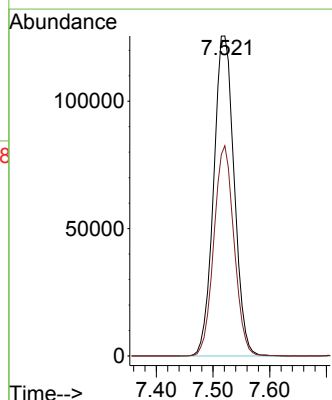
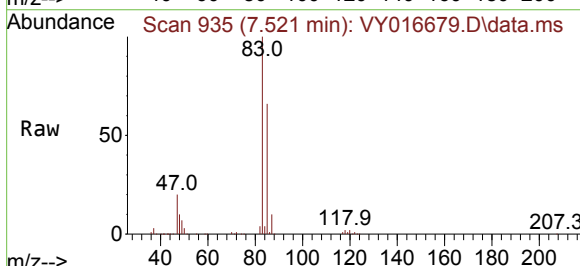
Acq: 16 Dec 2023 19:09

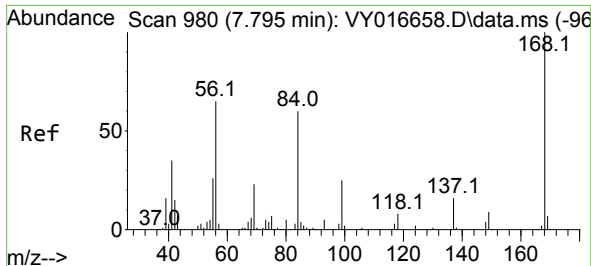
Tgt Ion: 83 Resp: 315406

Ion Ratio Lower Upper

83 100

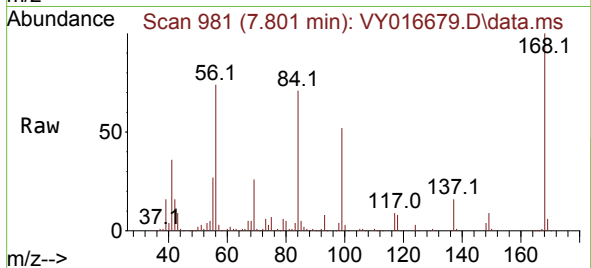
85 65.7 49.7 74.5



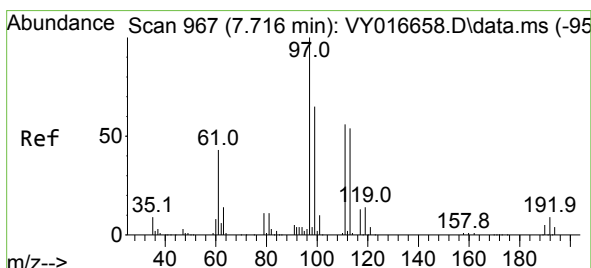
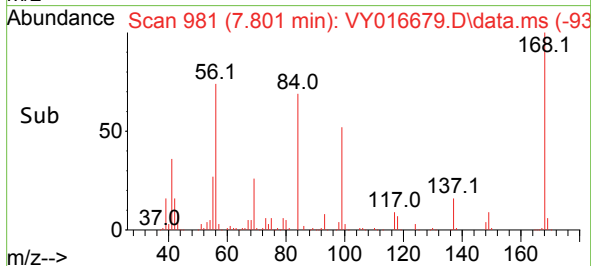
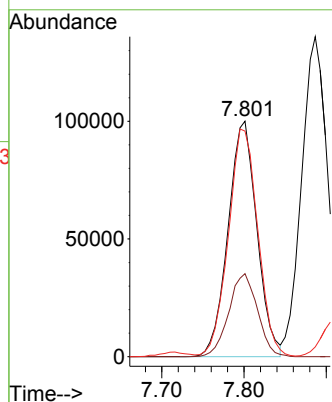


#31
Cyclohexane
Concen: 50.535 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Instrument :
MSVOA_Y
ClientSampleId :

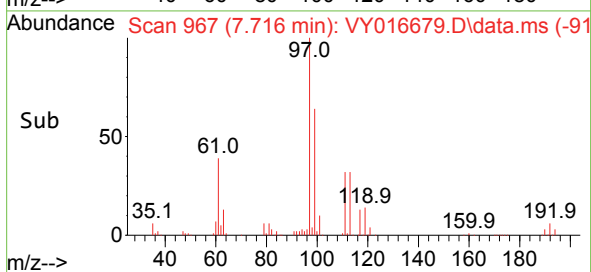
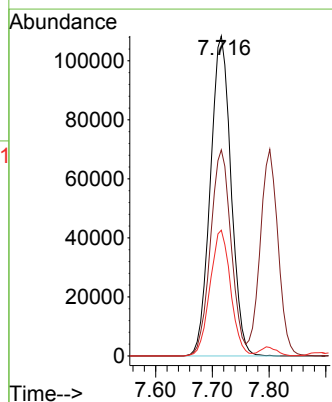
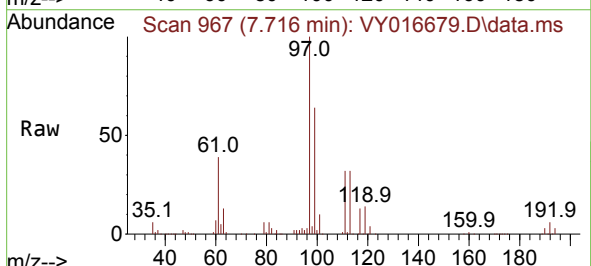


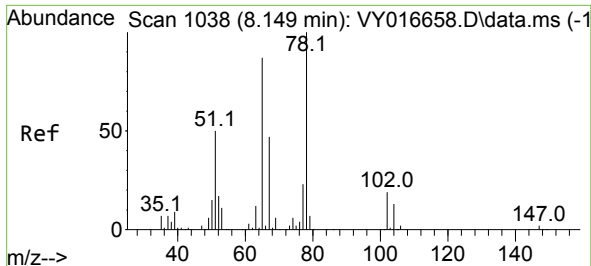
Tgt Ion: 56 Resp: 244185
Ion Ratio Lower Upper
56 100
69 35.2 27.8 41.6
84 94.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 57.006 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 97 Resp: 274024
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 39.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 44.326 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

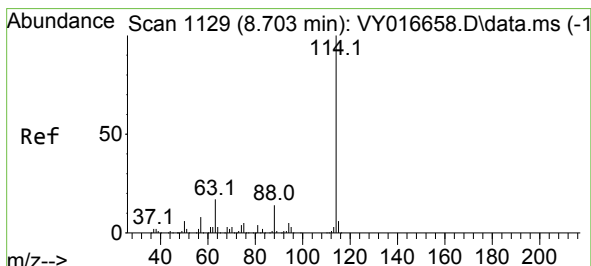
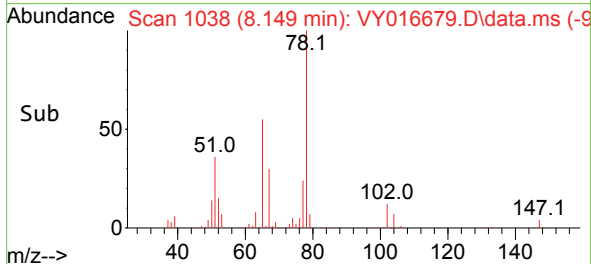
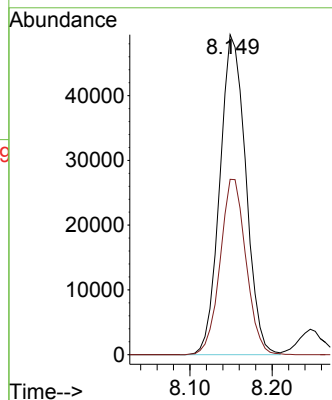
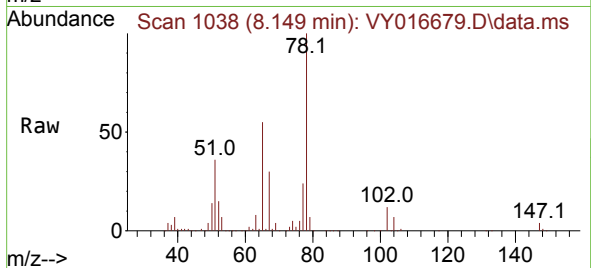
ClientSampleId :

Tgt Ion: 65 Resp: 108331

Ion Ratio Lower Upper

65 100

67 54.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

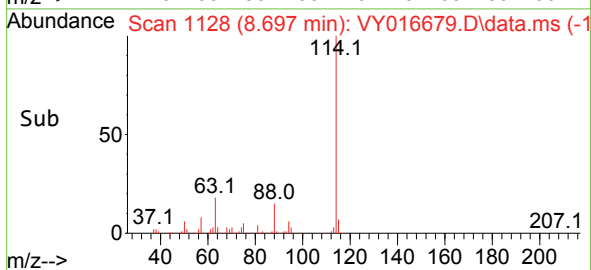
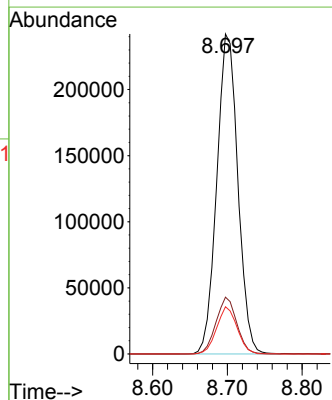
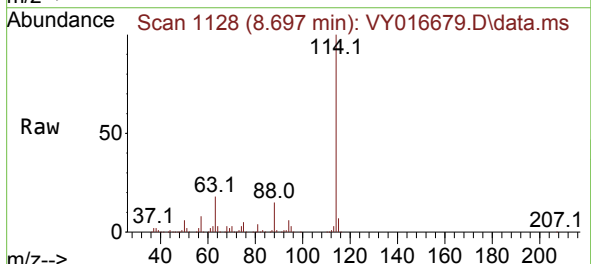
Tgt Ion: 114 Resp: 474842

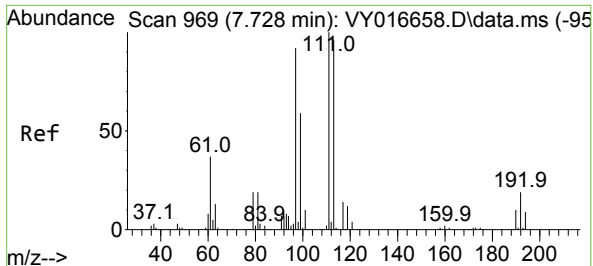
Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

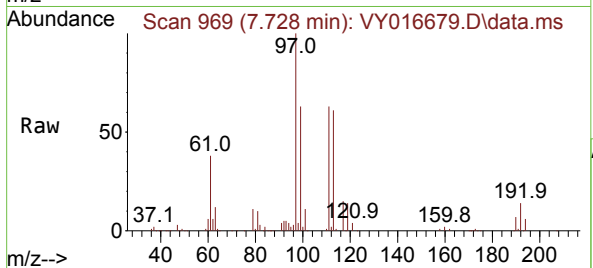
88 14.7 0.0 30.6



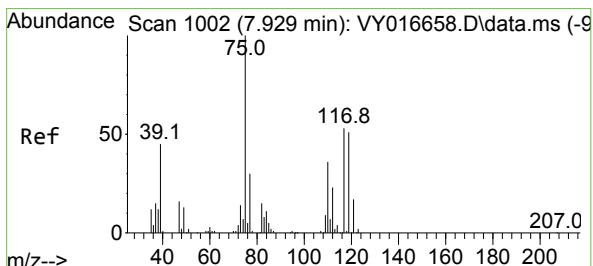
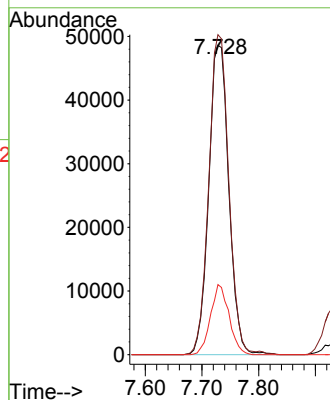
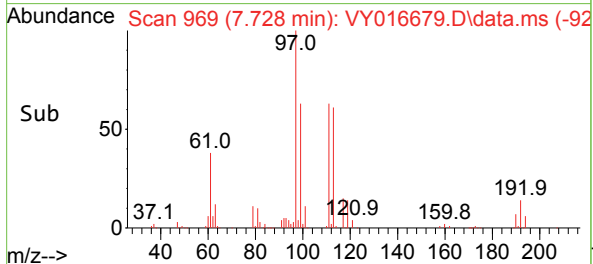


#35
Dibromofluoromethane
Concen: 46.938 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Instrument :
MSVOA_Y
ClientSampleId :

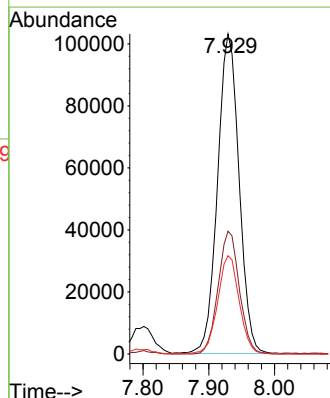
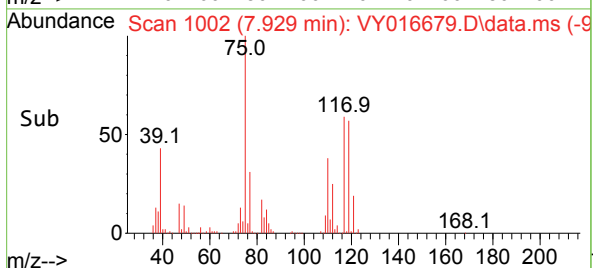
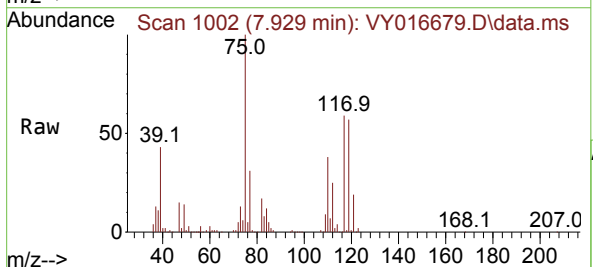


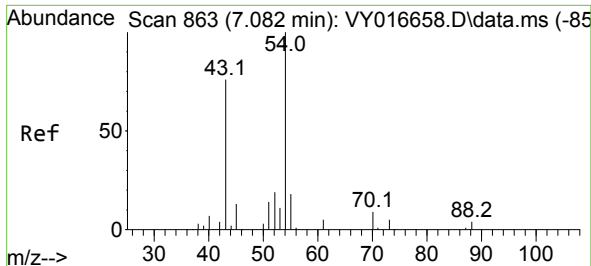
Tgt Ion:113 Resp: 119552
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 20.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 55.612 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 75 Resp: 234605
Ion Ratio Lower Upper
75 100
110 37.9 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 54.574 ug/l

RT: 7.088 min Scan# 864

Delta R.T. 0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

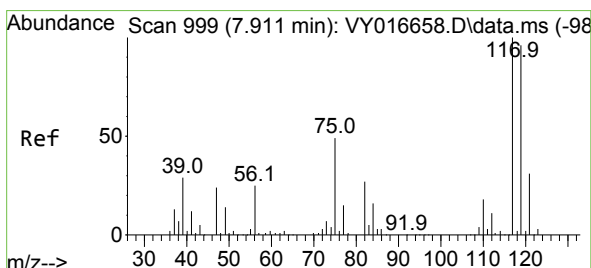
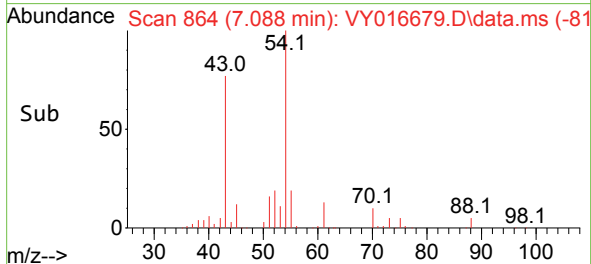
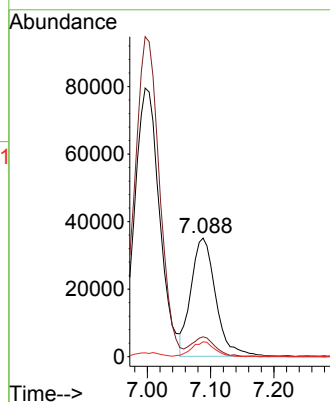
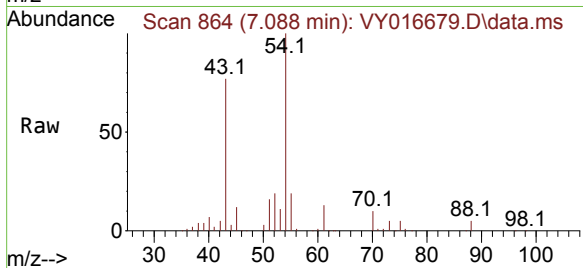
Tgt Ion: 43 Resp: 94877

Ion Ratio Lower Upper

43 100

61 15.5 10.1 15.1#

70 11.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 58.724 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

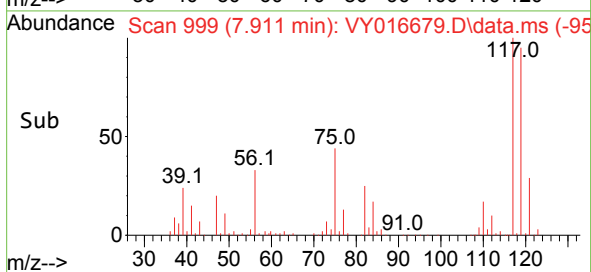
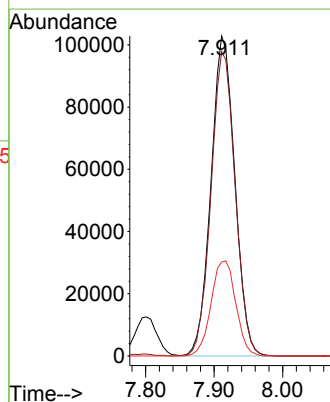
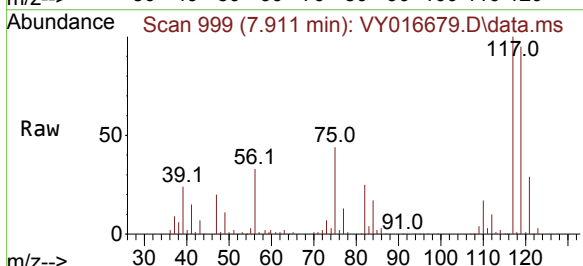
Tgt Ion:117 Resp: 248842

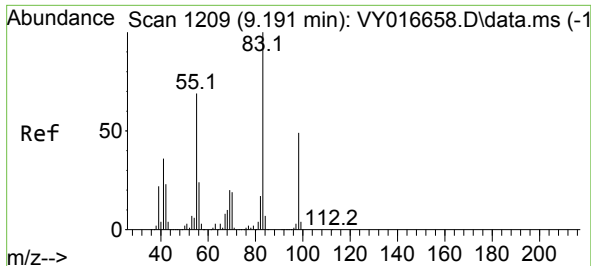
Ion Ratio Lower Upper

117 100

119 95.1 76.4 114.6

121 29.4 25.8 38.6





#39

Methylcyclohexane

Concen: 54.813 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

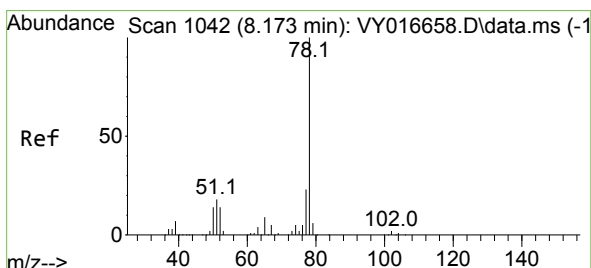
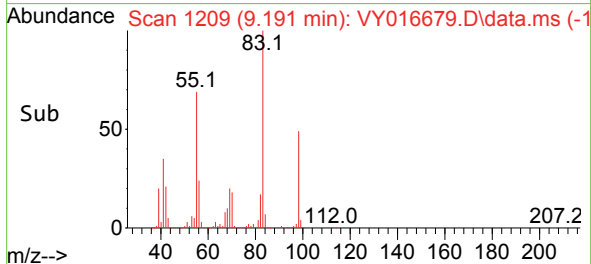
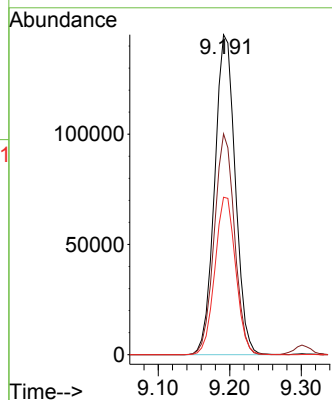
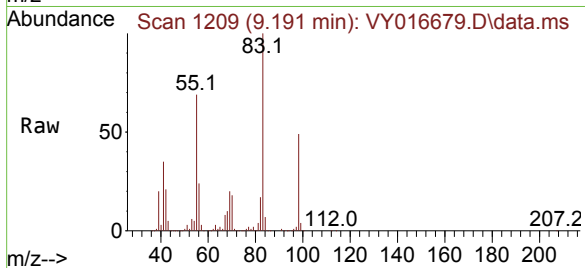
Tgt Ion: 83 Resp: 290629

Ion Ratio Lower Upper

83 100

55 69.0 63.0 94.4

98 49.2 37.4 56.2



#40

Benzene

Concen: 57.950 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016679.D

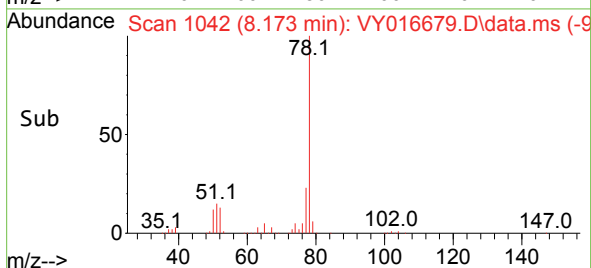
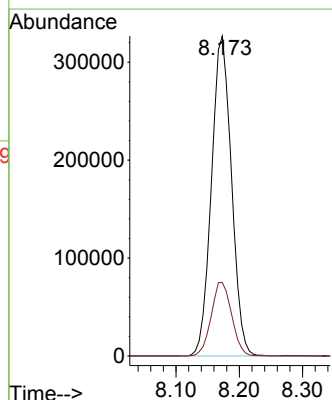
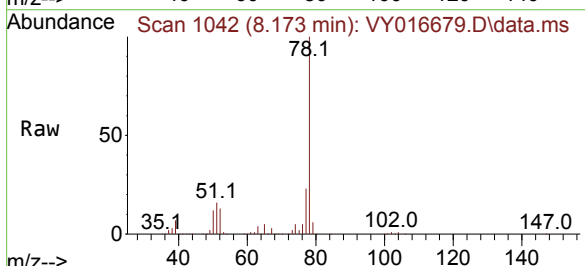
Acq: 16 Dec 2023 19:09

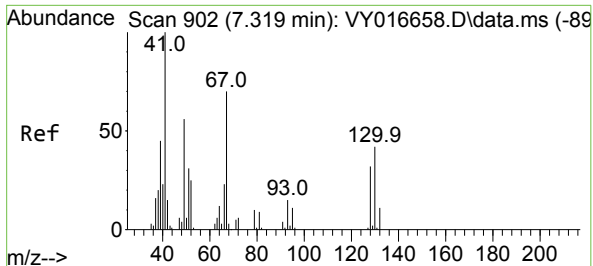
Tgt Ion: 78 Resp: 716498

Ion Ratio Lower Upper

78 100

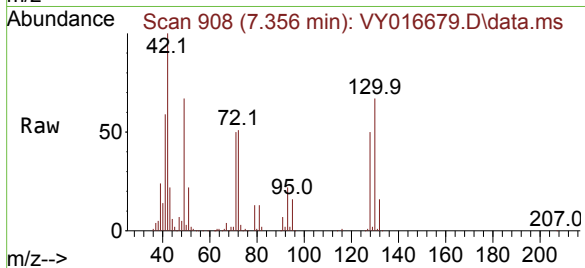
77 23.0 19.0 28.6



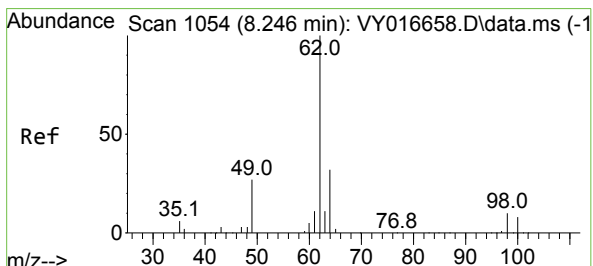
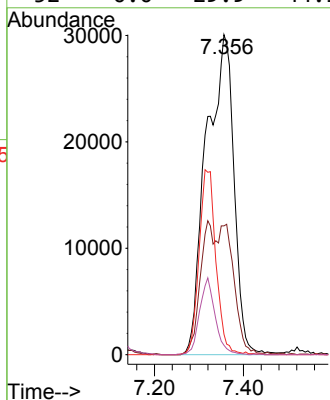
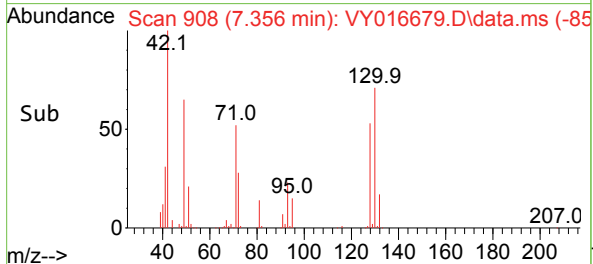


#41
Methacrylonitrile
Concen: 147.853 ug/l
RT: 7.356 min Scan# 902
Delta R.T. 0.037 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Instrument :
MSVOA_Y
ClientSampleId :

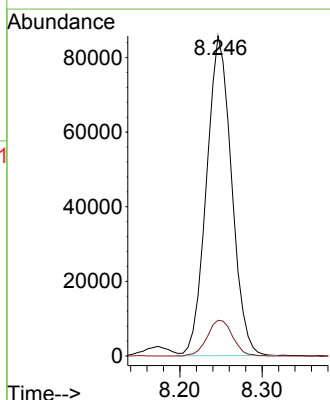
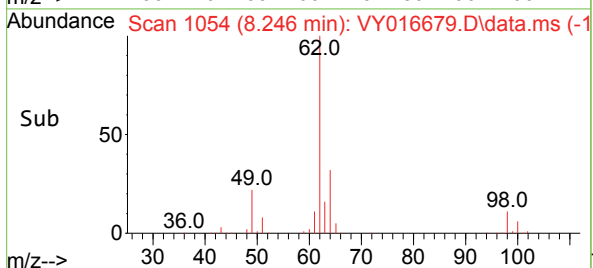
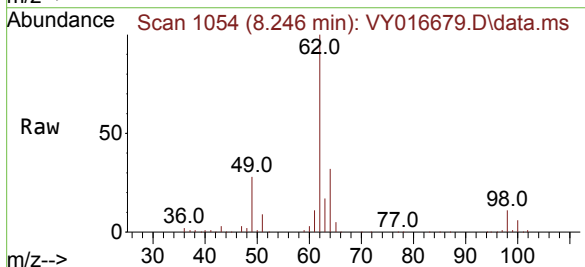


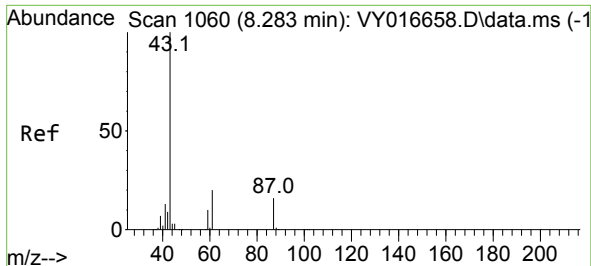
Tgt Ion: 41 Resp: 129477
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 57.396 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 62 Resp: 181376
Ion Ratio Lower Upper
62 100
98 11.3 0.0 15.8

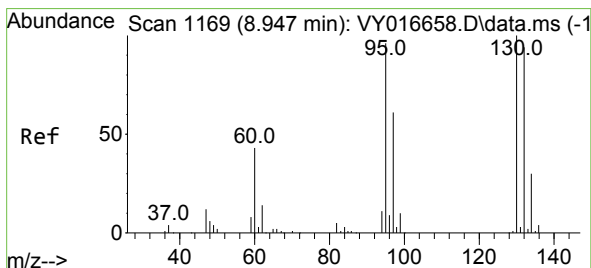
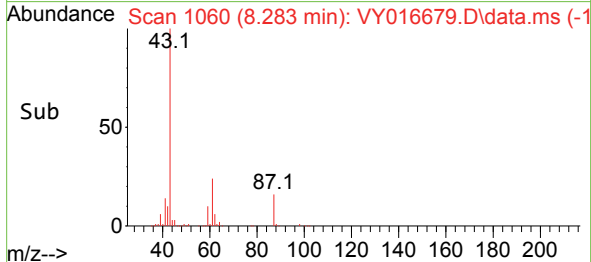
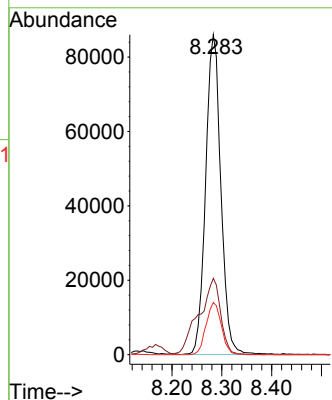
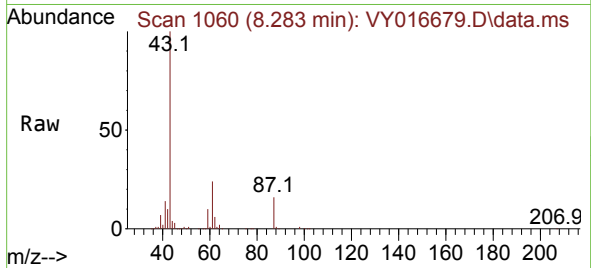




#43
Isopropyl Acetate
Concen: 56.925 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

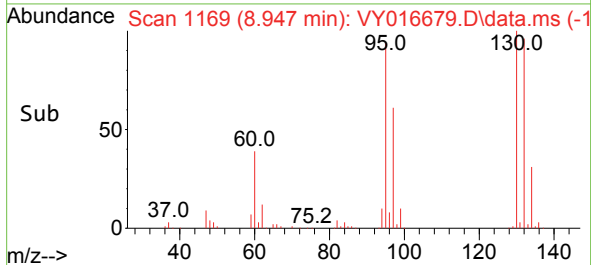
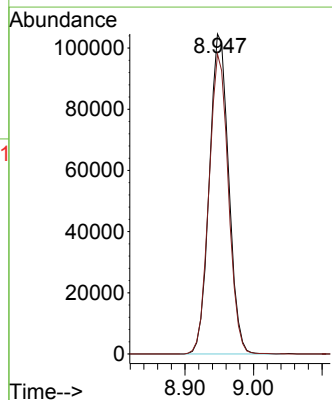
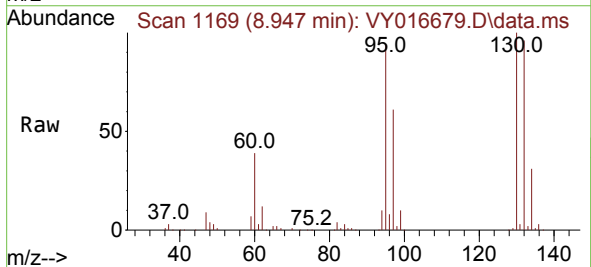
Instrument :
MSVOA_Y
ClientSampleId :

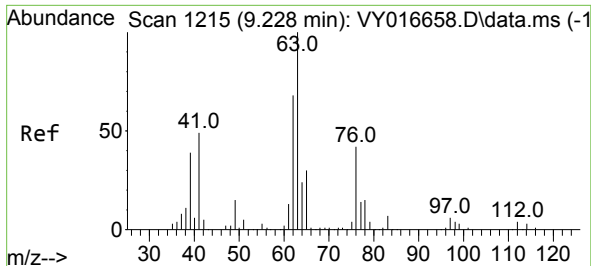
Tgt Ion: 43 Resp: 181880
Ion Ratio Lower Upper
43 100
61 33.8 21.1 31.7#
87 16.5 9.8 14.8#



#44
Trichloroethene
Concen: 59.484 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion:130 Resp: 204832
Ion Ratio Lower Upper
130 100
95 93.8 0.0 196.0

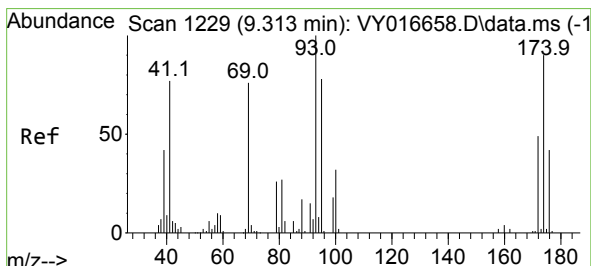
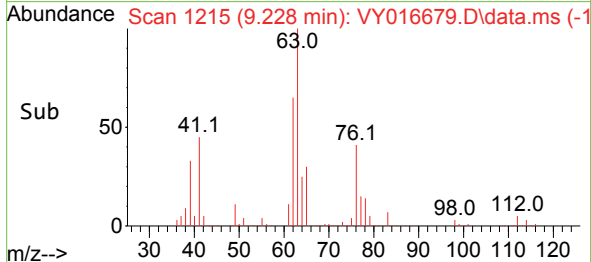
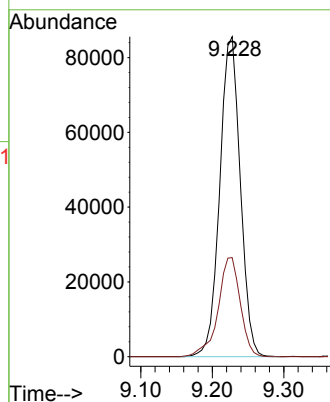
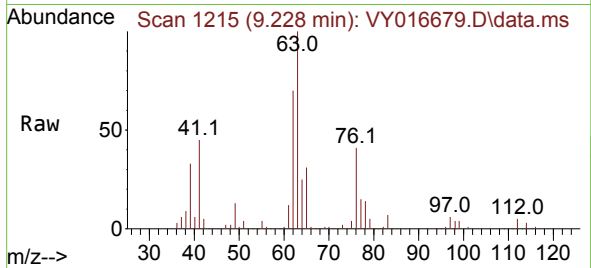




#45
1,2-Dichloropropane
Concen: 58.994 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

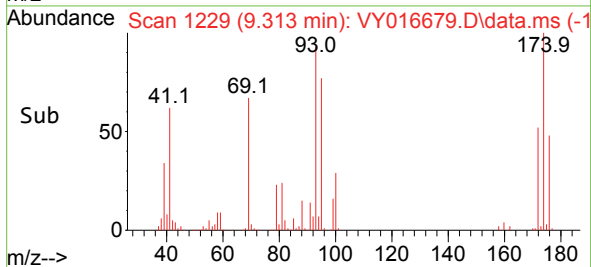
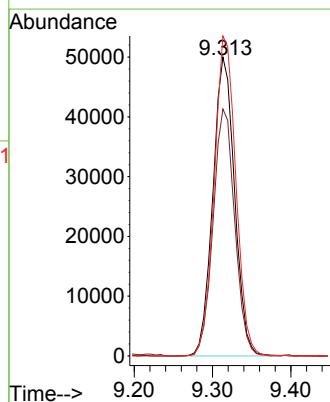
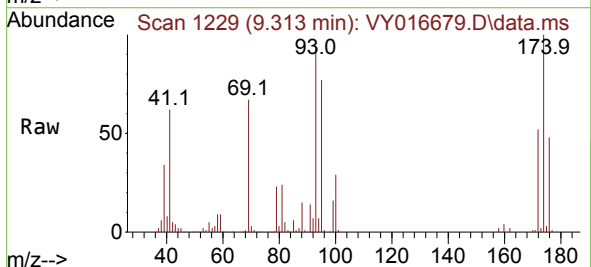
Instrument :
MSVOA_Y
ClientSampleId :

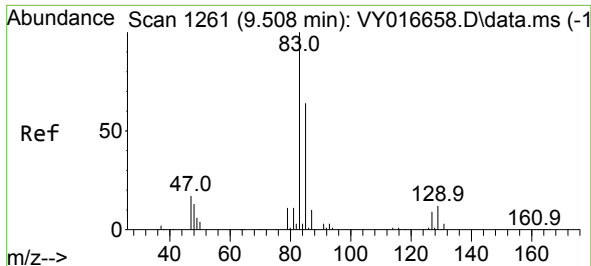
Tgt Ion: 63 Resp: 170402
Ion Ratio Lower Upper
63 100
65 31.0 23.8 35.6



#46
Dibromomethane
Concen: 60.274 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 93 Resp: 96281
Ion Ratio Lower Upper
93 100
95 82.4 66.6 100.0
174 106.6 84.8 127.2

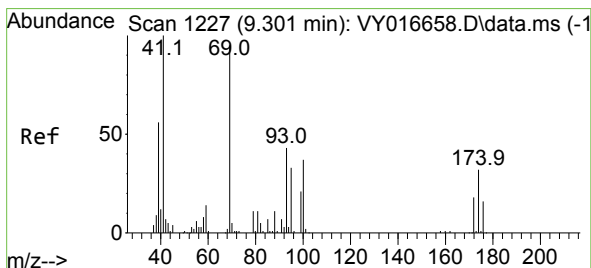
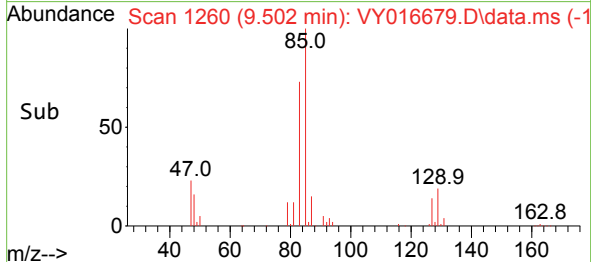
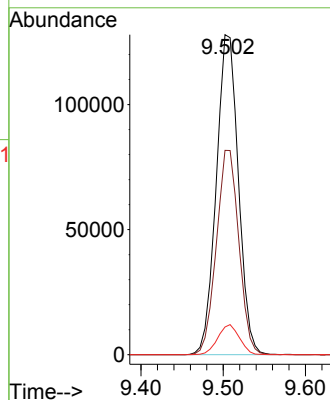
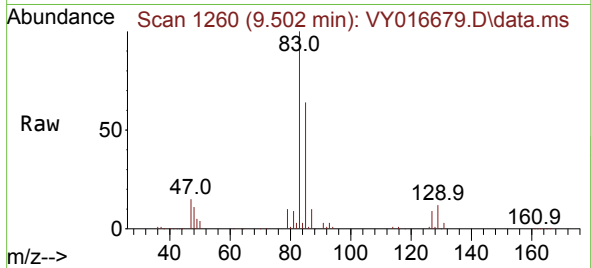




#47
Bromodichloromethane
Concen: 59.271 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

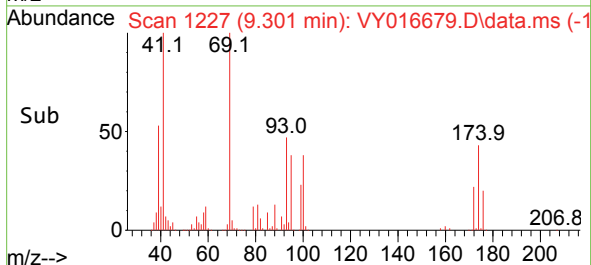
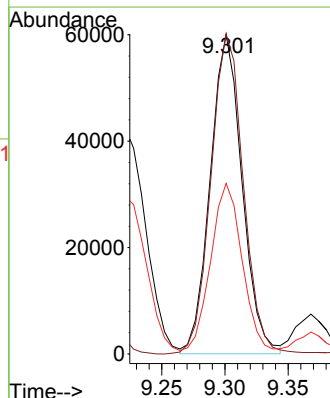
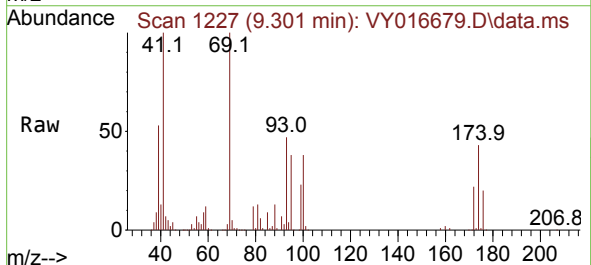
Instrument :
MSVOA_Y
ClientSampleId :

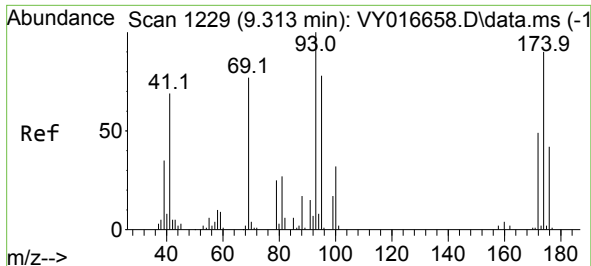
Tgt Ion: 83 Resp: 239223
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 59.404 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 41 Resp: 105101
Ion Ratio Lower Upper
41 100
69 102.3 64.5 96.7#
39 51.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1223.911 ug/l

RT: 9.307 min Scan# 1

Delta R.T. -0.006 min

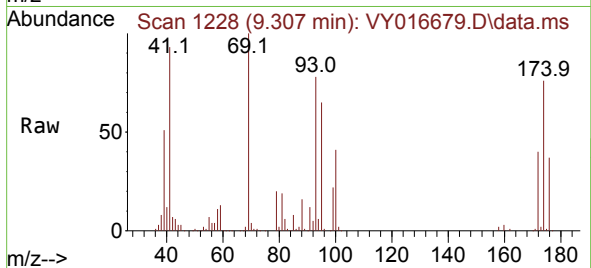
Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :



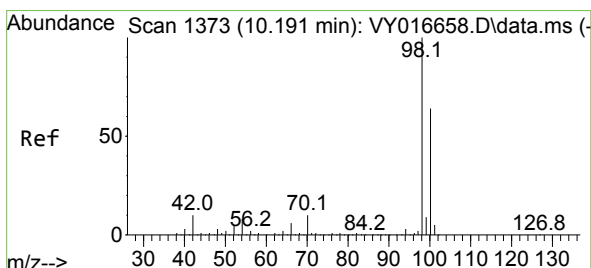
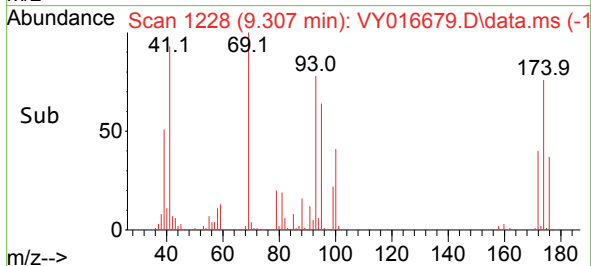
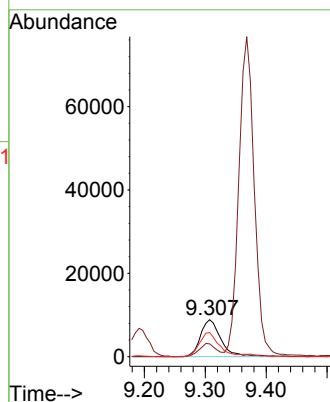
Tgt Ion: 88 Resp: 20943

Ion Ratio Lower Upper

88 100

43 30.8 0.0 0.0#

58 61.5 30.9 46.3#



#50

Toluene-d8

Concen: 45.242 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016679.D

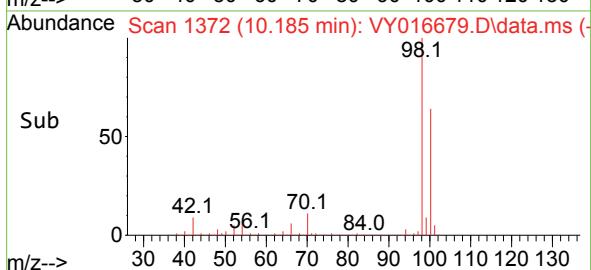
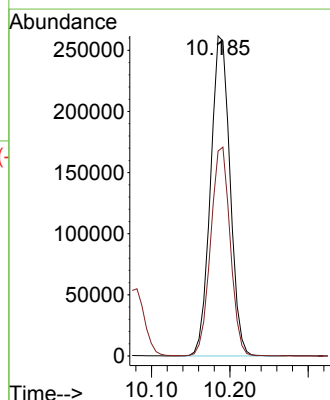
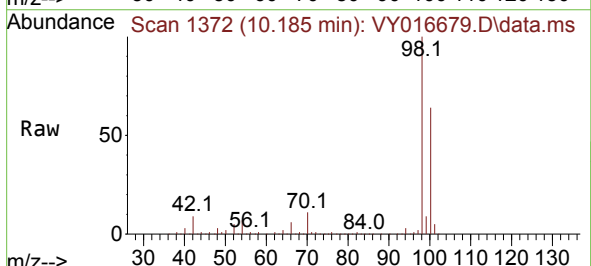
Acq: 16 Dec 2023 19:09

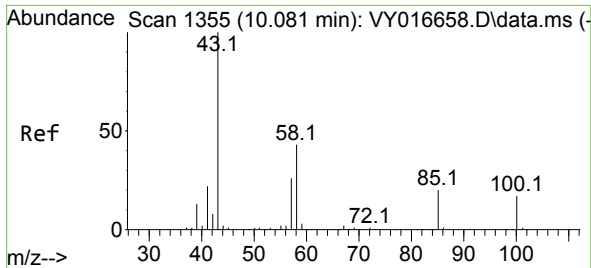
Tgt Ion: 98 Resp: 452265

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1

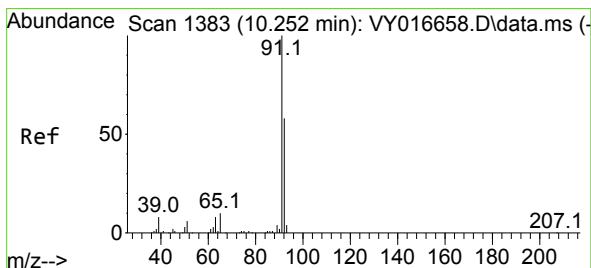
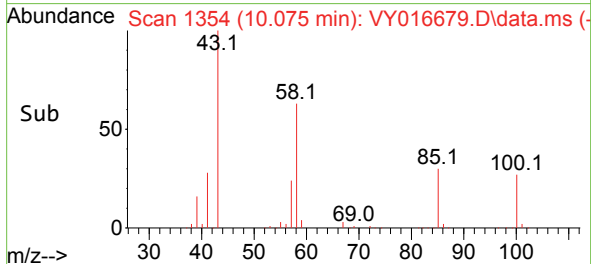
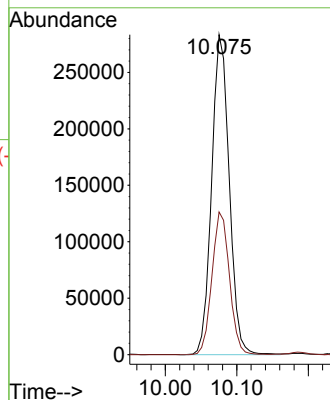
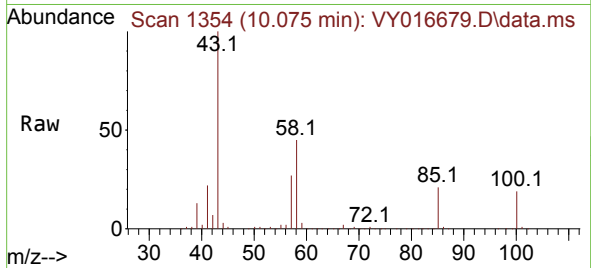




#51
4-Methyl-2-Pentanone
Concen: 288.823 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

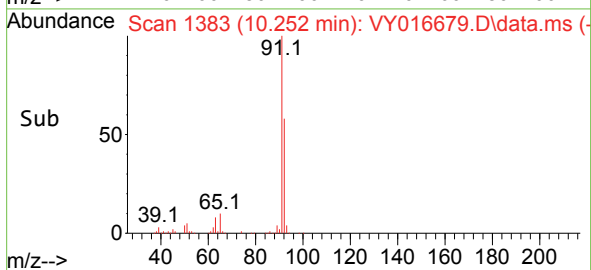
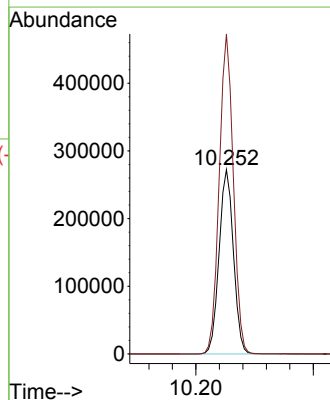
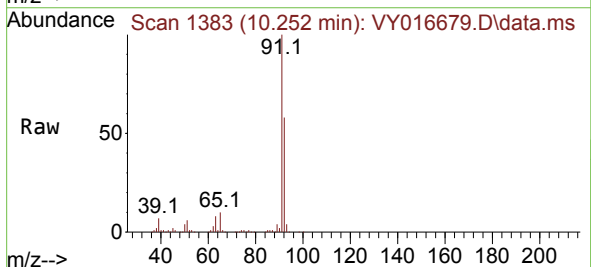
Instrument :
MSVOA_Y
ClientSampleId :

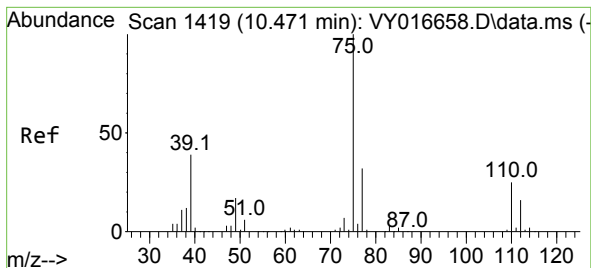
Tgt Ion: 43 Resp: 483985
Ion Ratio Lower Upper
43 100
58 44.4 29.0 43.6#



#52
Toluene
Concen: 59.457 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 92 Resp: 460486
Ion Ratio Lower Upper
92 100
91 170.7 143.8 215.6

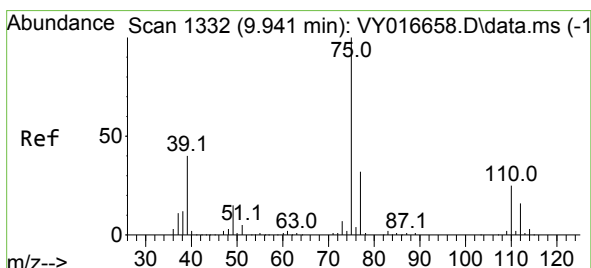
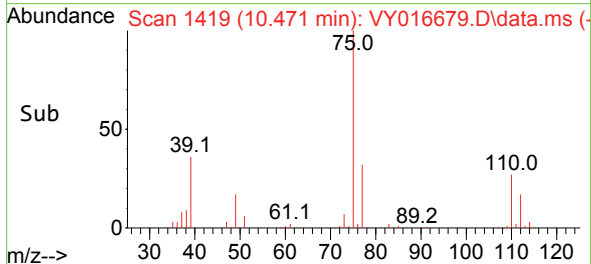
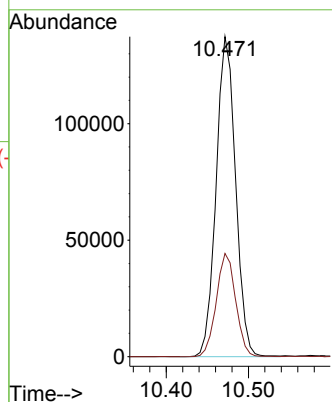
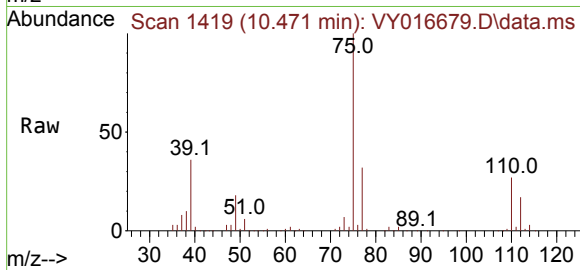




#53
 t-1,3-Dichloropropene
 Concen: 59.238 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY016679.D
 Acq: 16 Dec 2023 19:09

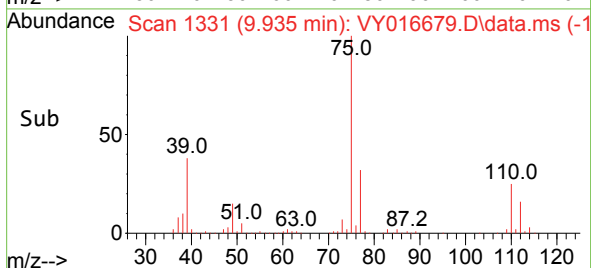
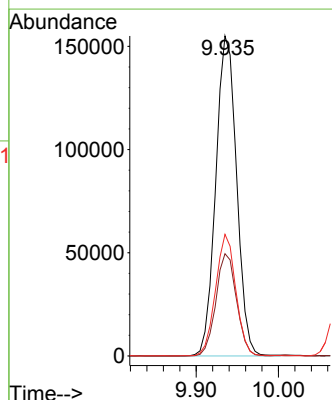
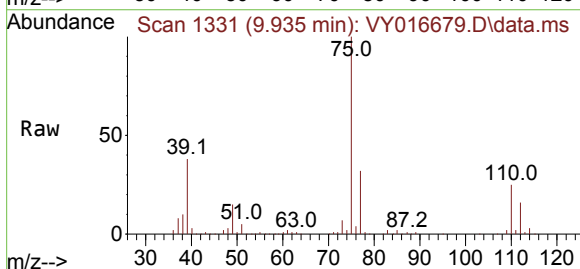
Instrument :
 MSVOA_Y
 ClientSampleId :

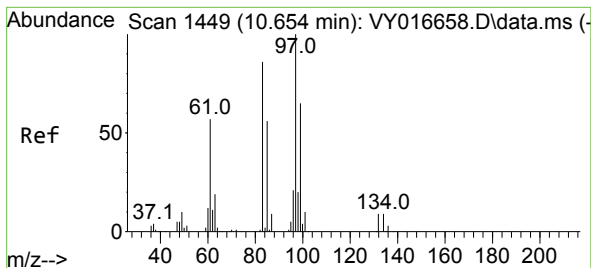
Tgt Ion: 75 Resp: 225551
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 59.711 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016679.D
 Acq: 16 Dec 2023 19:09

Tgt Ion: 75 Resp: 273350
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4
 39 37.9 42.2 63.4#

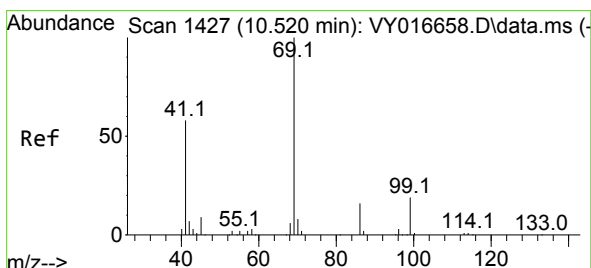
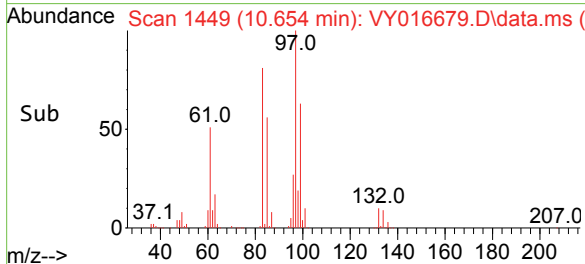
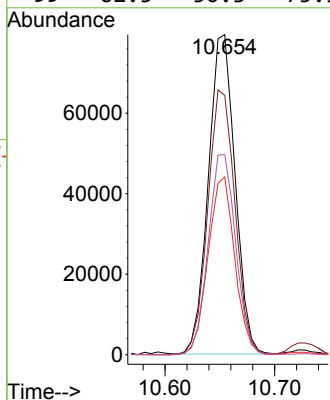
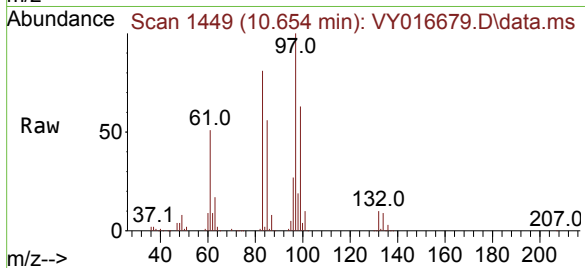




#55
1,1,2-Trichloroethane
Concen: 60.098 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

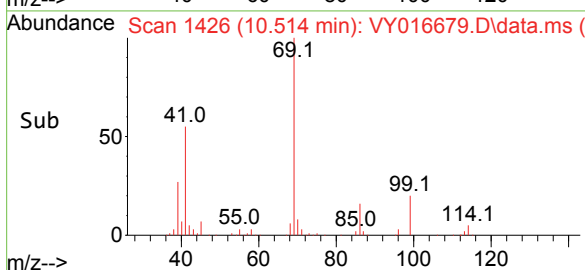
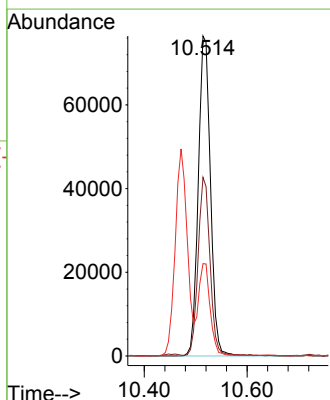
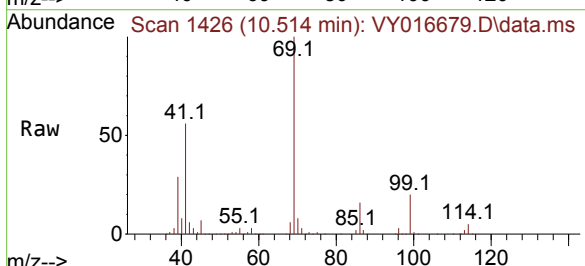
Instrument :
MSVOA_Y
ClientSampleId :

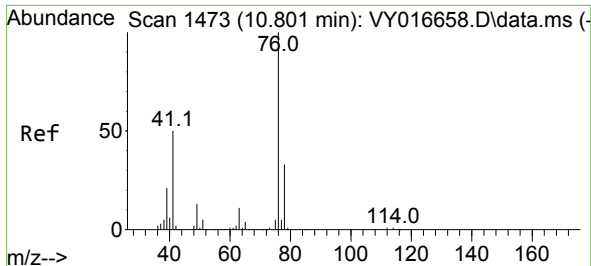
Tgt Ion:	97	Resp:	134890
Ion	Ratio	Lower	Upper
97	100		
83	81.0	72.0	108.0
85	55.6	45.4	68.0
99	62.5	50.3	75.5



#56
Ethyl methacrylate
Concen: 64.656 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion:	69	Resp:	125821
Ion	Ratio	Lower	Upper
69	100		
41	54.3	57.6	86.4#
39	27.3	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 61.014 ug/l

RT: 10.795 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

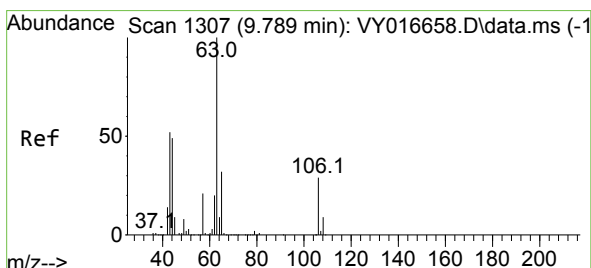
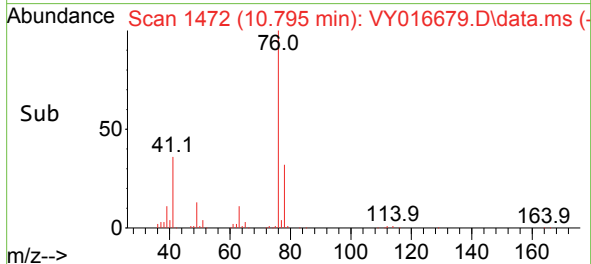
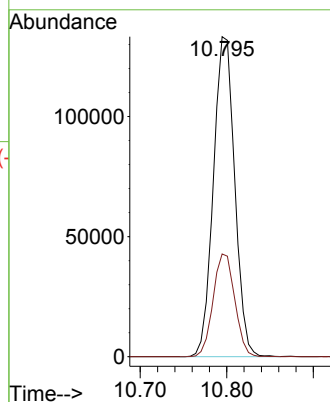
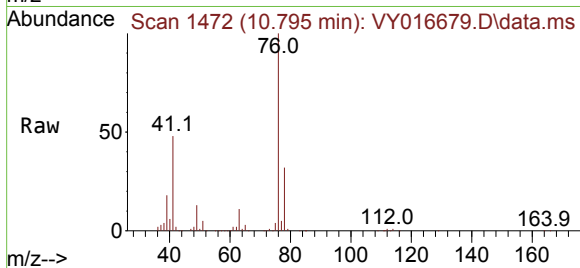
ClientSampleId :

Tgt Ion: 76 Resp: 227914

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 231.528 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016679.D

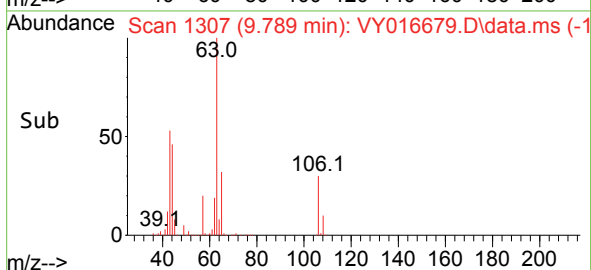
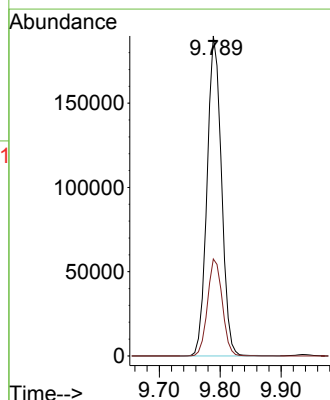
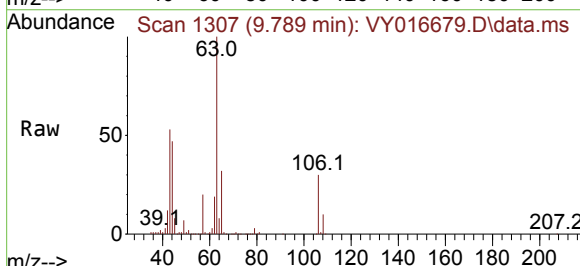
Acq: 16 Dec 2023 19:09

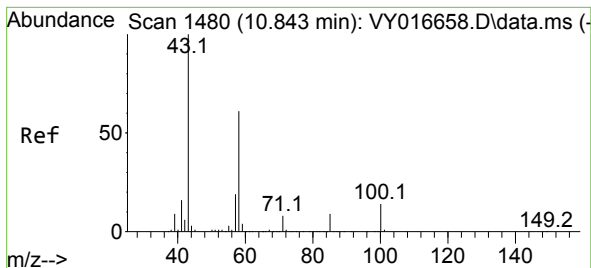
Tgt Ion: 63 Resp: 311767

Ion Ratio Lower Upper

63 100

106 31.0 21.2 31.8

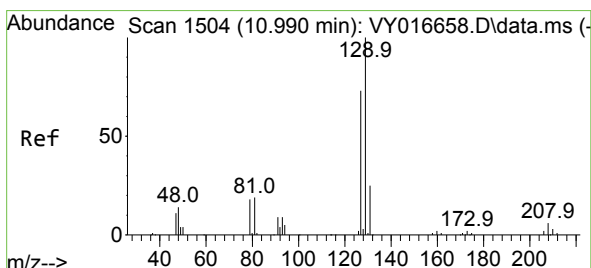
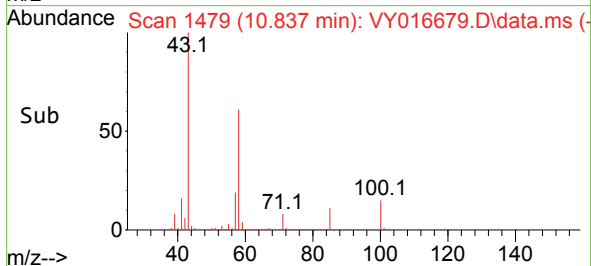
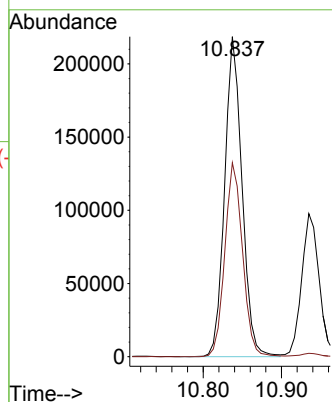
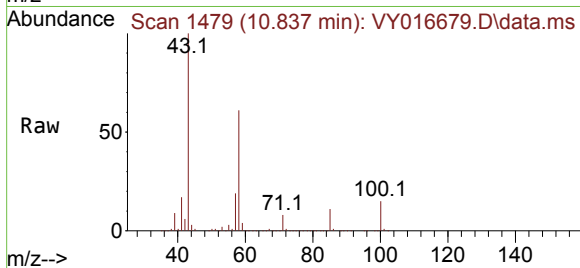




#59
2-Hexanone
Concen: 245.851 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

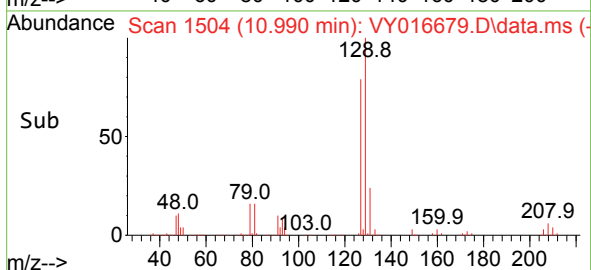
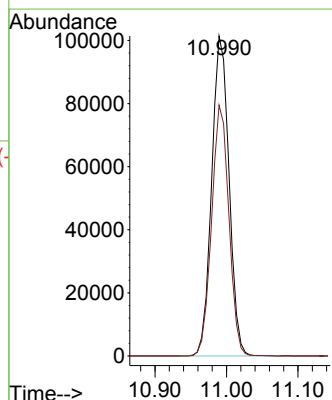
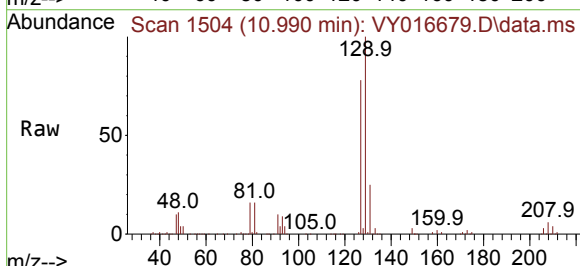
Instrument :
MSVOA_Y
ClientSampleId :

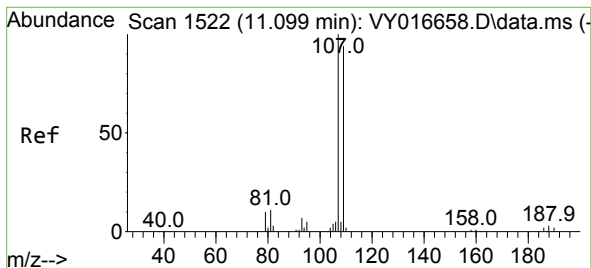
Tgt Ion: 43 Resp: 337988
Ion Ratio Lower Upper
43 100
58 61.8 25.1 75.3



#60
Dibromochloromethane
Concen: 62.751 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 129 Resp: 170694
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

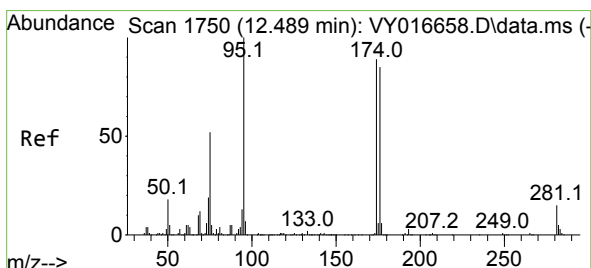
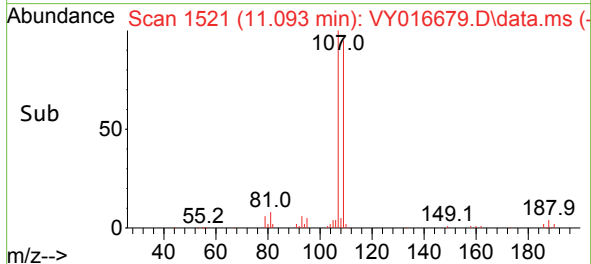
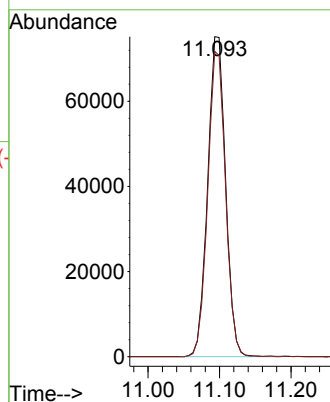
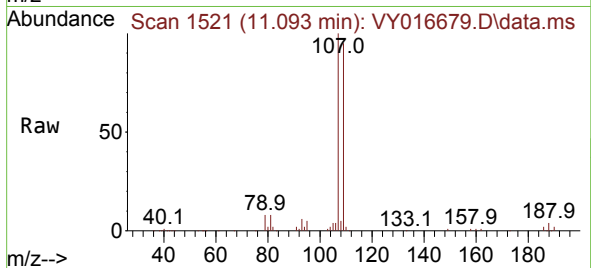




#61
1,2-Dibromoethane
Concen: 62.089 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

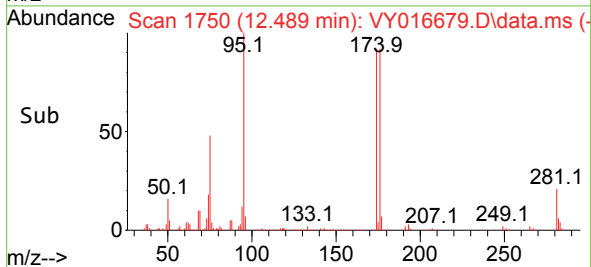
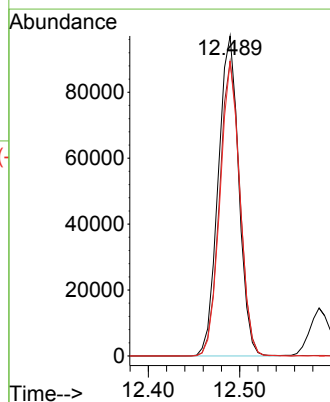
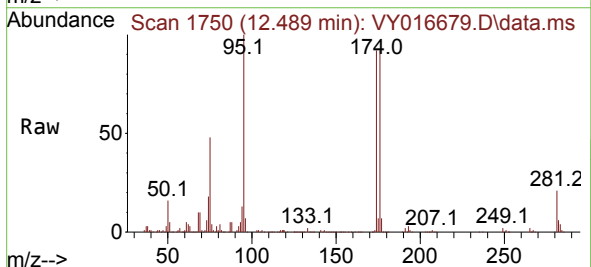
Instrument :
MSVOA_Y
ClientSampleId :

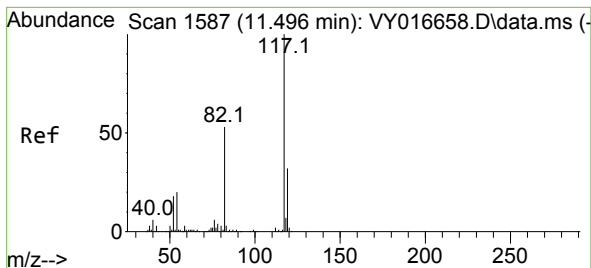
Tgt Ion:107 Resp: 130796
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.505 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 95 Resp: 151795
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.2
176 88.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

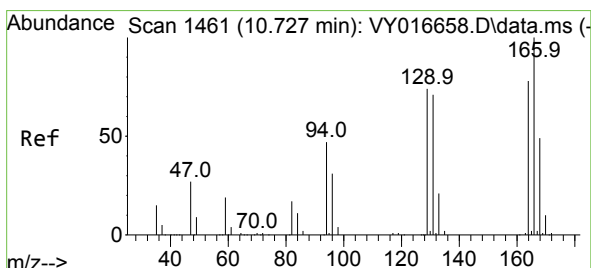
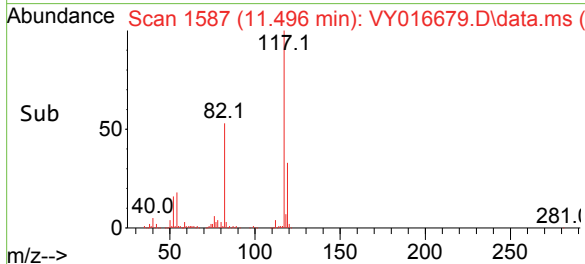
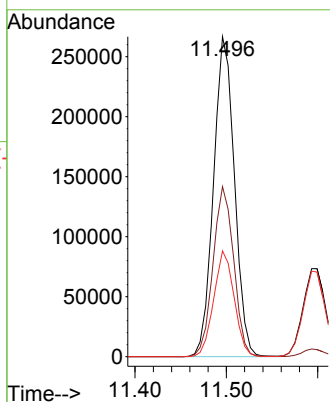
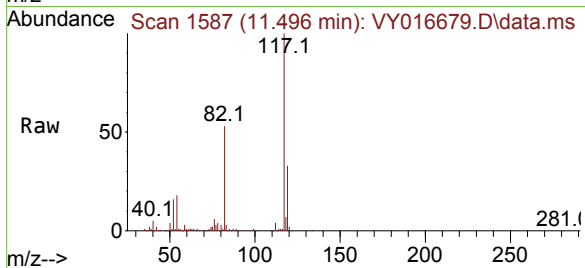
Tgt Ion:117 Resp: 424134

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 33.1 26.3 39.5



#64

Tetrachloroethene

Concen: 62.855 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Tgt Ion:164 Resp: 218409

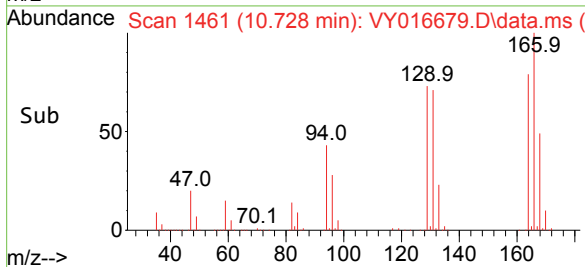
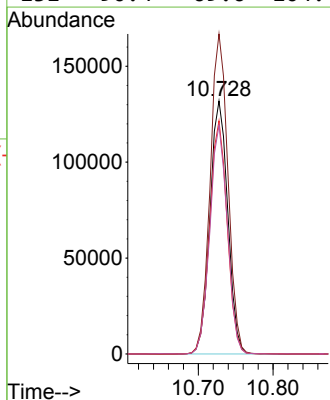
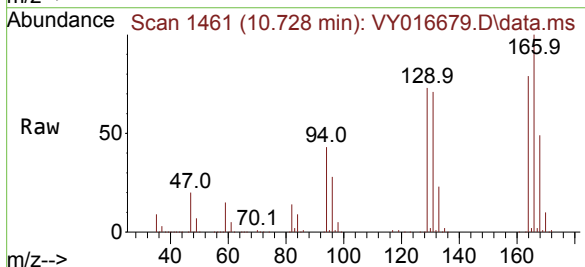
Ion Ratio Lower Upper

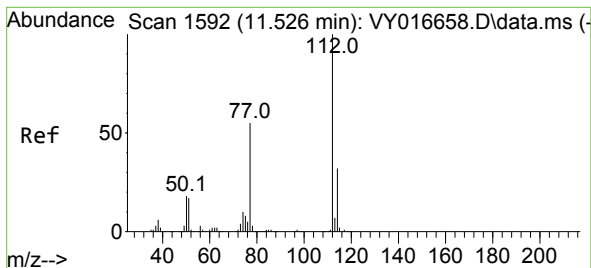
164 100

166 126.5 103.0 154.6

129 92.1 77.2 115.8

131 90.4 69.6 104.4





#65

Chlorobenzene

Concen: 59.031 ug/l

RT: 11.520 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

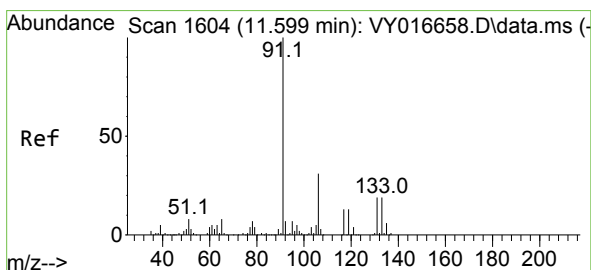
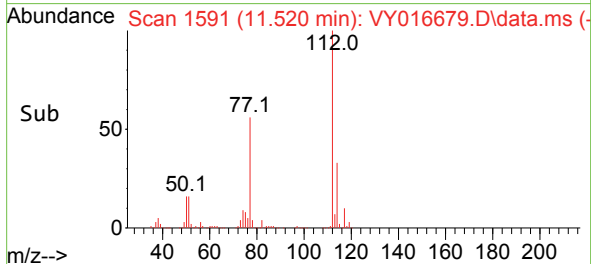
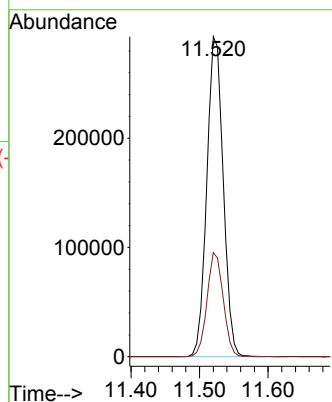
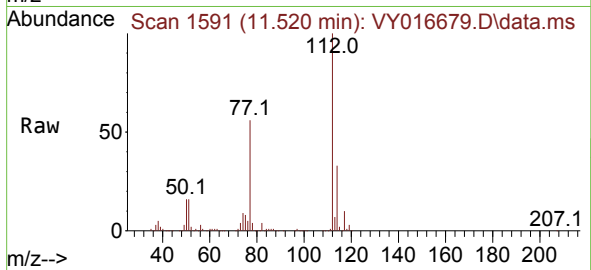
ClientSampleId :

Tgt Ion:112 Resp: 488355

Ion Ratio Lower Upper

112 100

114 32.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 60.530 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

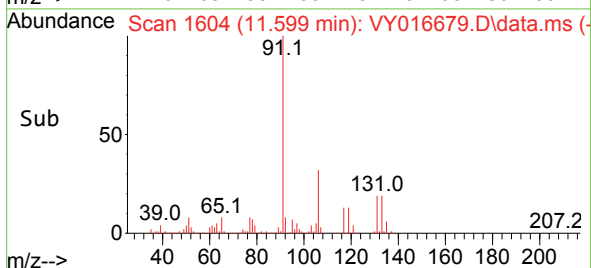
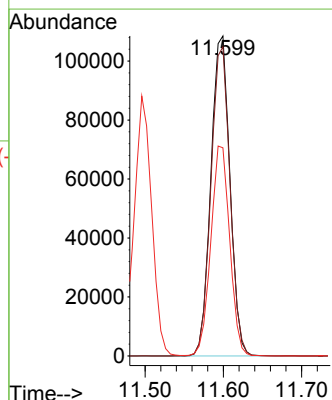
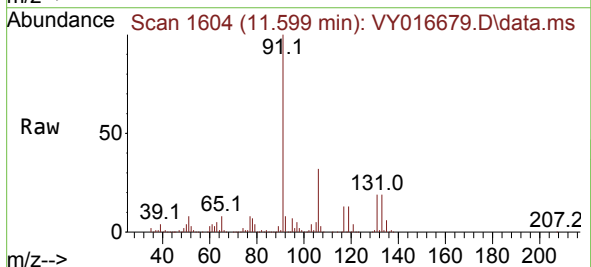
Tgt Ion:131 Resp: 183137

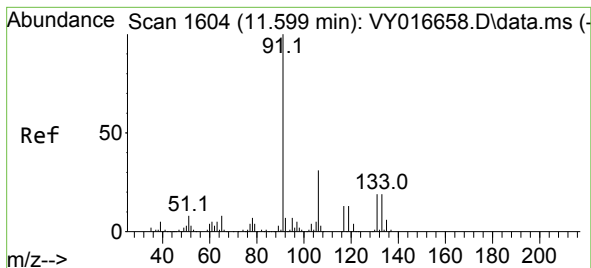
Ion Ratio Lower Upper

131 100

133 96.8 47.5 142.6

119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 58.174 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

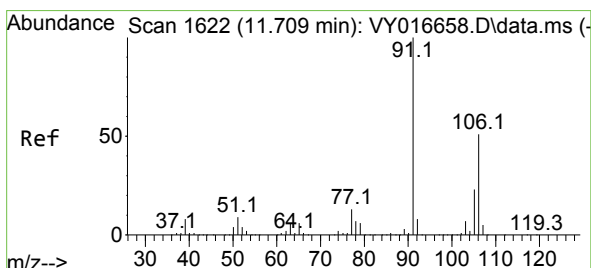
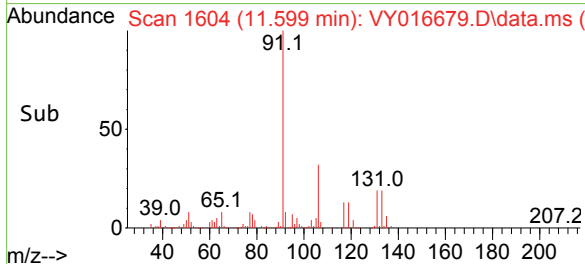
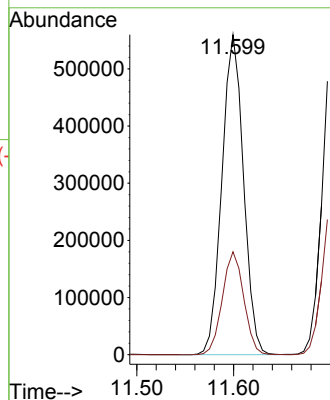
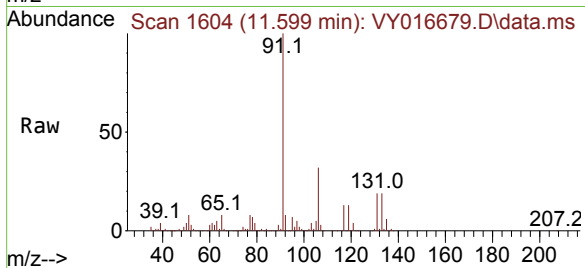
ClientSampleId :

Tgt Ion: 91 Resp: 865833

Ion Ratio Lower Upper

91 100

106 32.2 24.6 36.8



#68

m/p-Xylenes

Concen: 117.770 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016679.D

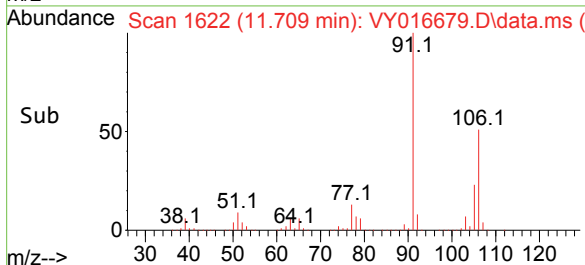
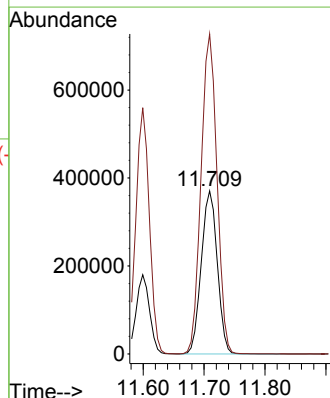
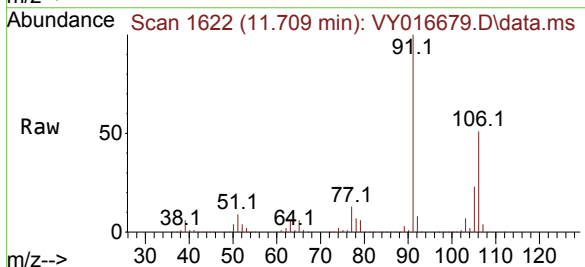
Acq: 16 Dec 2023 19:09

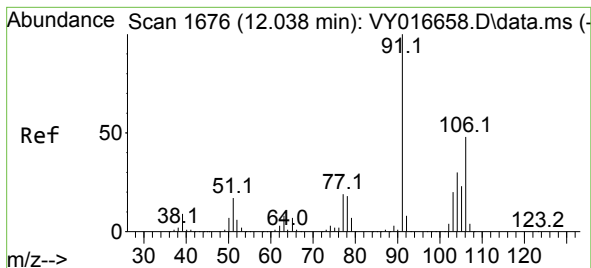
Tgt Ion:106 Resp: 676220

Ion Ratio Lower Upper

106 100

91 195.4 166.1 249.1

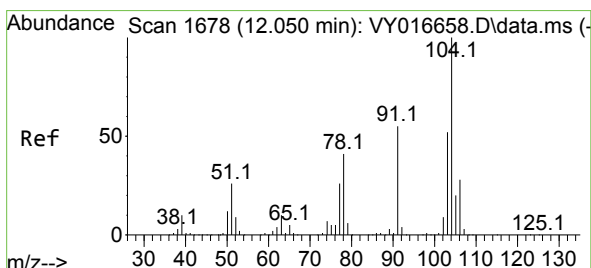
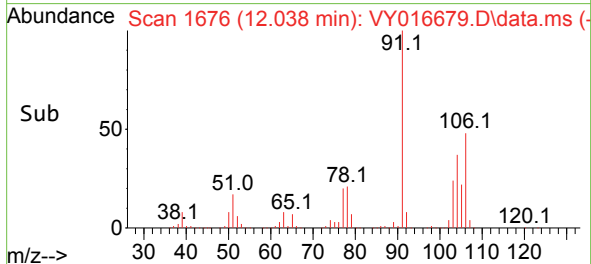
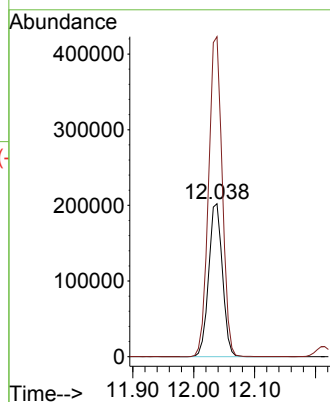
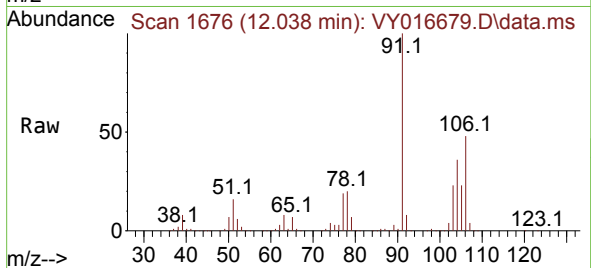




#69
o-Xylene
Concen: 60.269 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

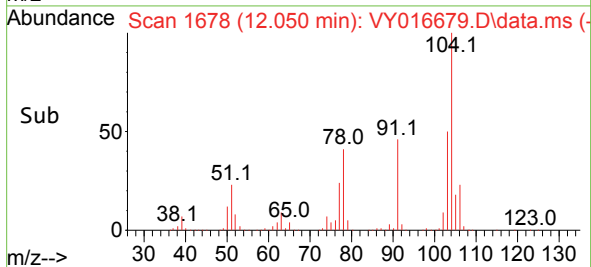
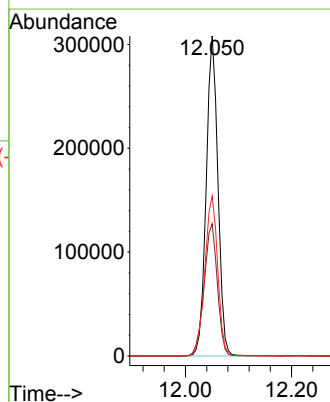
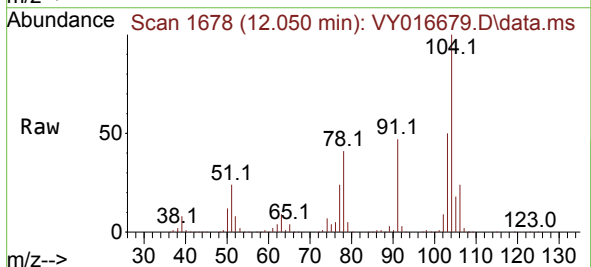
Instrument :
MSVOA_Y
ClientSampleId :

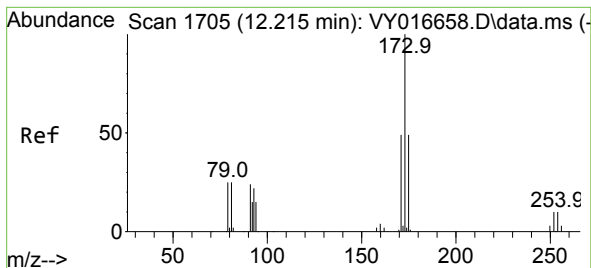
Tgt Ion:106 Resp: 316535
Ion Ratio Lower Upper
106 100
91 208.3 108.1 324.3



#70
Styrene
Concen: 61.970 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion:104 Resp: 471548
Ion Ratio Lower Upper
104 100
78 46.6 41.5 62.3
103 55.1 44.6 67.0





#71

Bromoform

Concen: 63.227 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

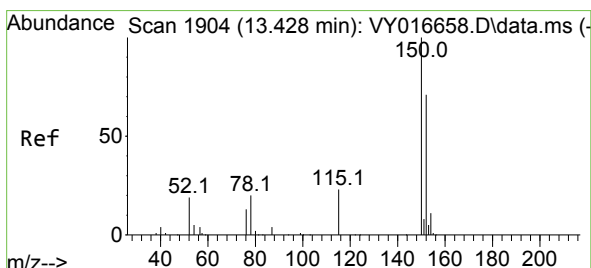
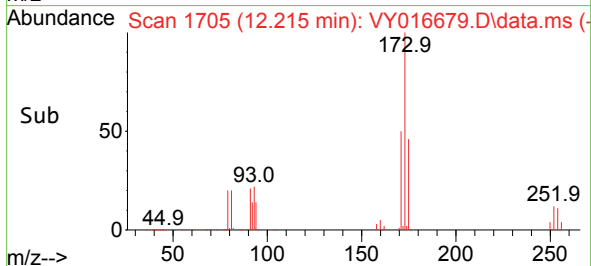
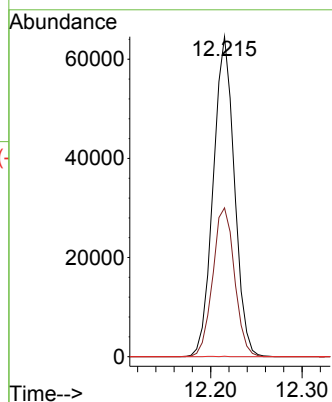
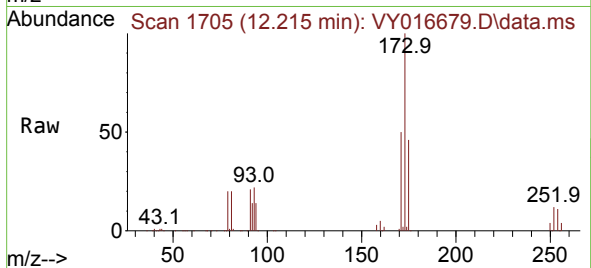
Tgt Ion:173 Resp: 103740

Ion Ratio Lower Upper

173 100

175 48.0 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: VY016679.D

Acq: 16 Dec 2023 19:09

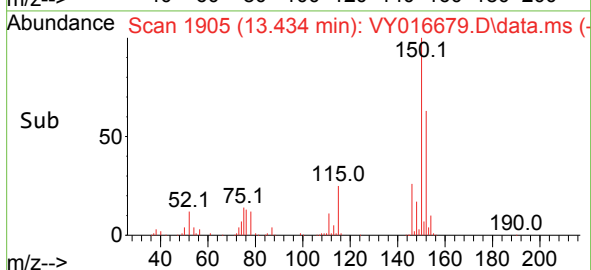
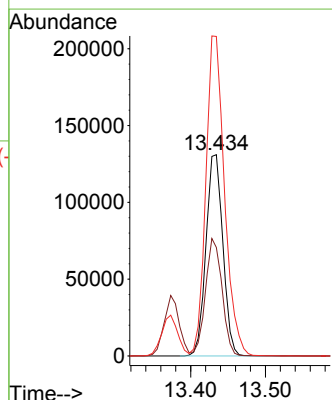
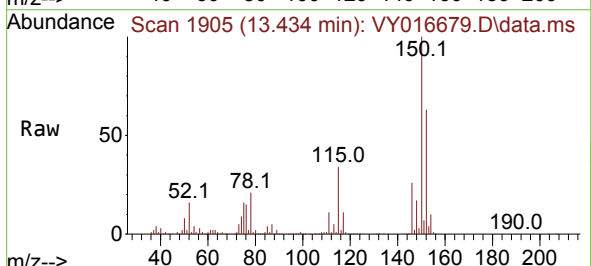
Tgt Ion:152 Resp: 205841

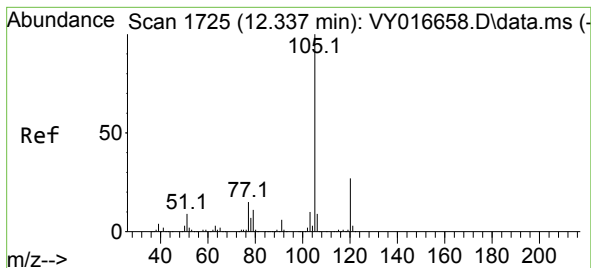
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 175.6 0.0 348.8





#73

Isopropylbenzene

Concen: 57.650 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

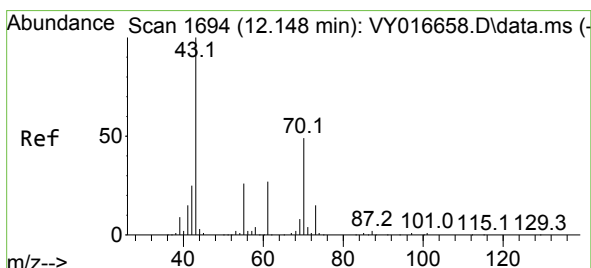
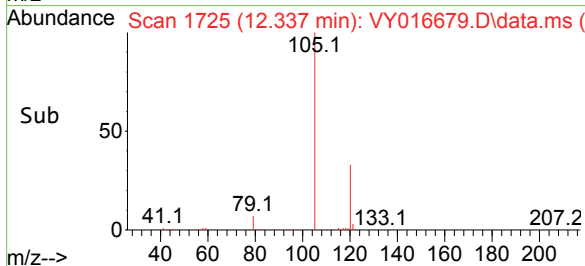
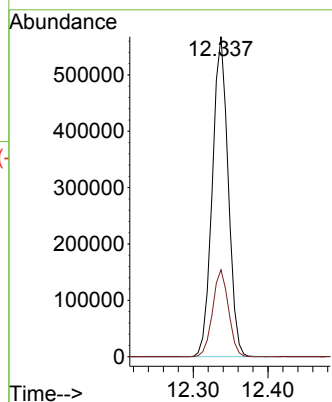
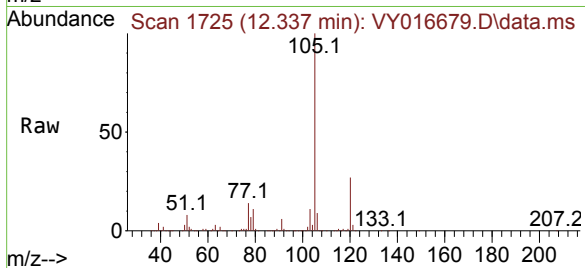
ClientSampleId :

Tgt Ion:105 Resp: 834692

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 56.358 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Tgt Ion: 43 Resp: 152942

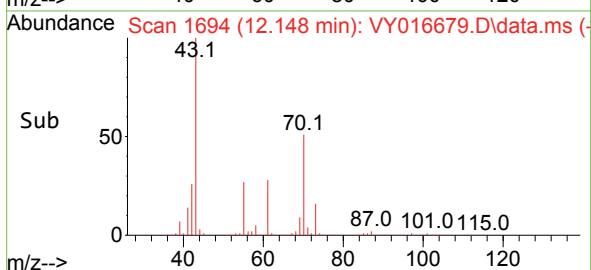
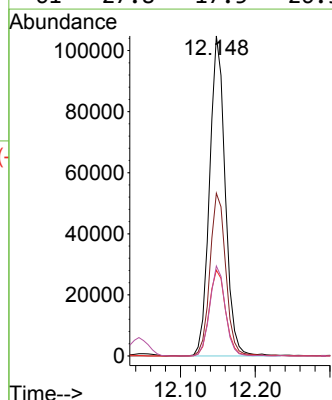
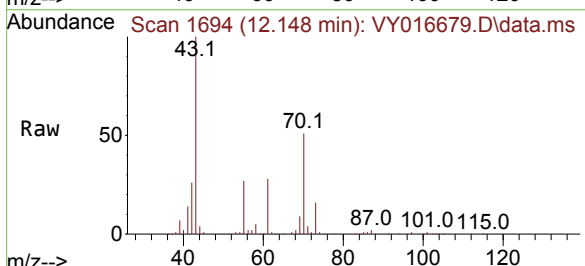
Ion Ratio Lower Upper

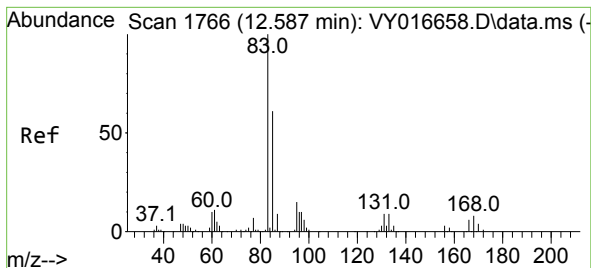
43 100

70 51.3 29.7 44.5#

55 28.3 18.3 27.5#

61 27.8 17.5 26.3#

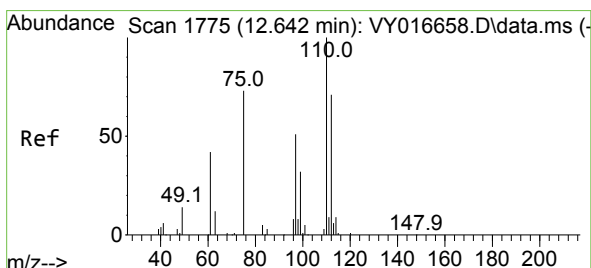
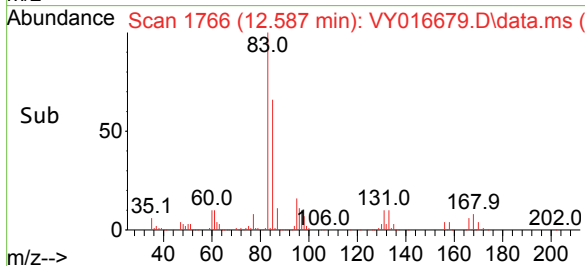
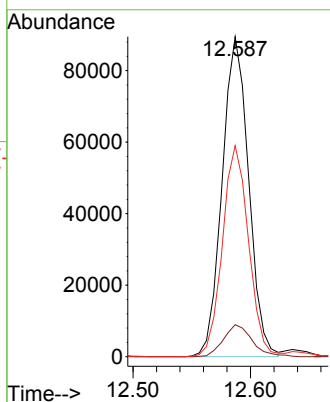
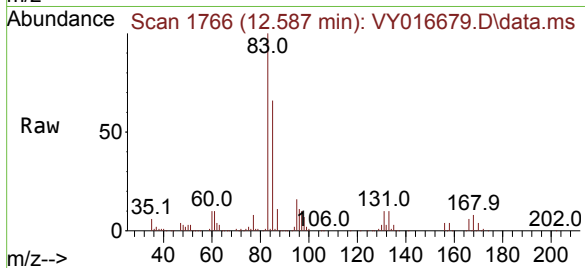




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.865 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. 0.000 min
 Lab File: VY016679.D
 Acq: 16 Dec 2023 19:09

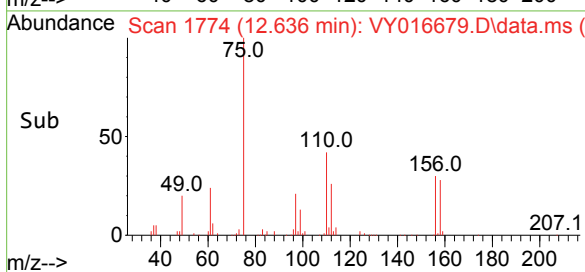
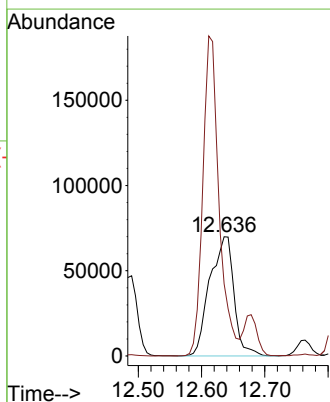
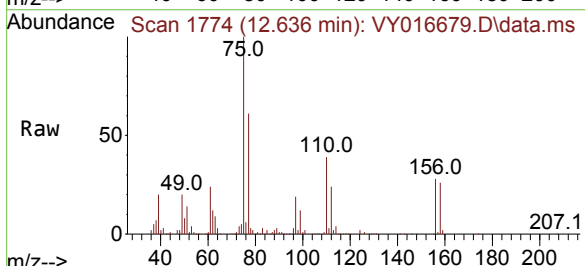
Instrument :
 MSVOA_Y
 ClientSampleId :

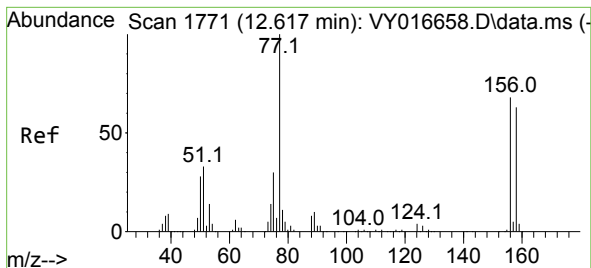
Tgt Ion: 83 Resp: 140068
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.4 16.2
 85 65.2 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 98.522 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. -0.006 min
 Lab File: VY016679.D
 Acq: 16 Dec 2023 19:09

Tgt Ion: 75 Resp: 185760
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 59.540 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

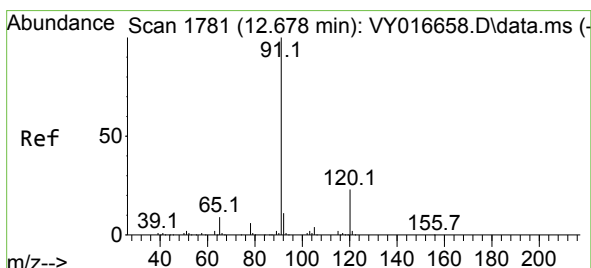
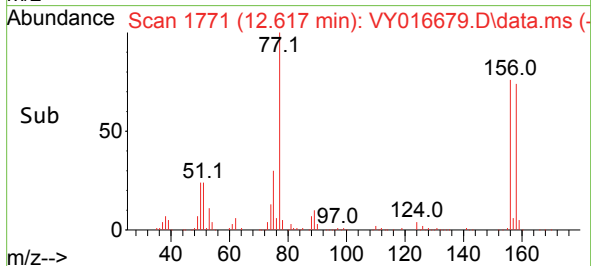
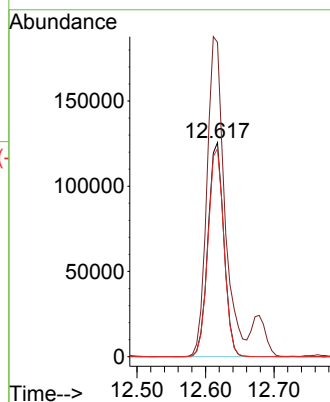
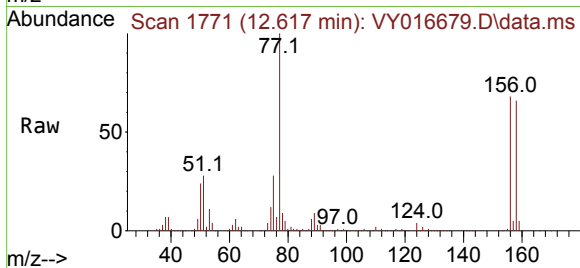
Tgt Ion:156 Resp: 201972

Ion Ratio Lower Upper

156 100

77 167.5 92.8 278.6

158 97.6 48.4 145.3



#78

n-propylbenzene

Concen: 56.306 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016679.D

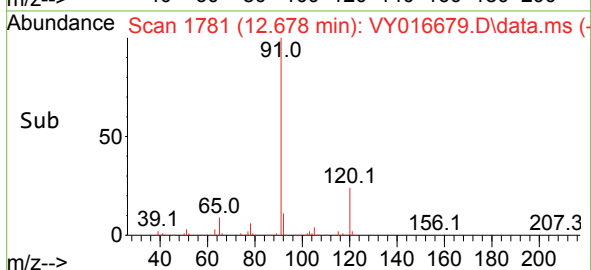
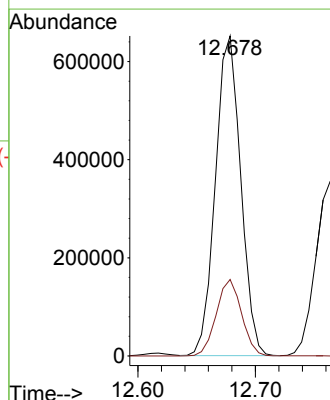
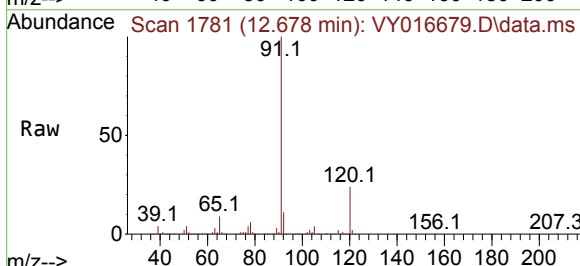
Acq: 16 Dec 2023 19:09

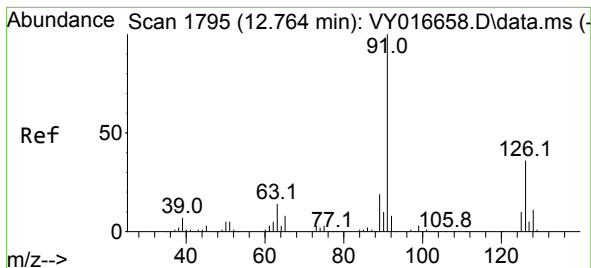
Tgt Ion: 91 Resp: 974422

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4

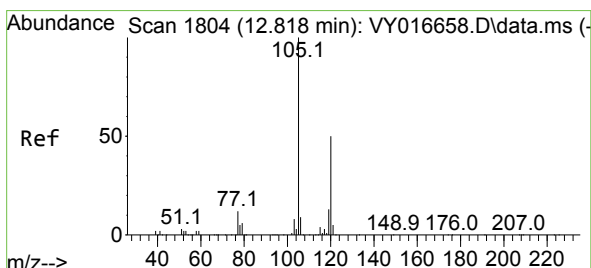
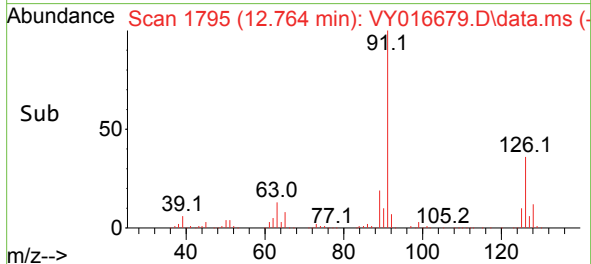
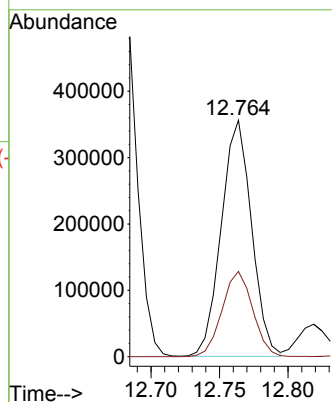
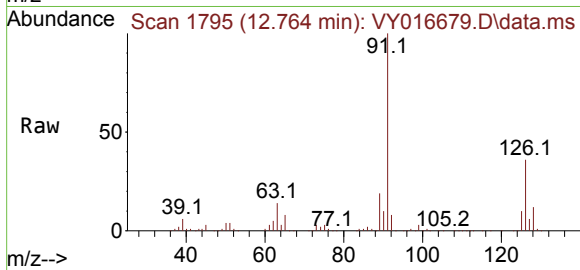




#79
2-Chlorotoluene
Concen: 57.655 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

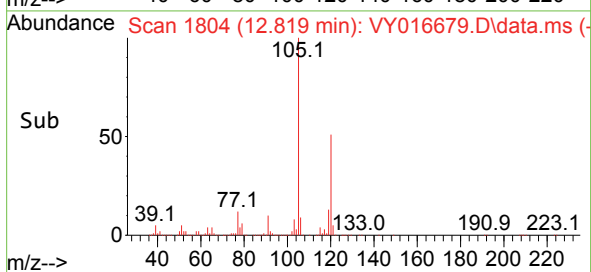
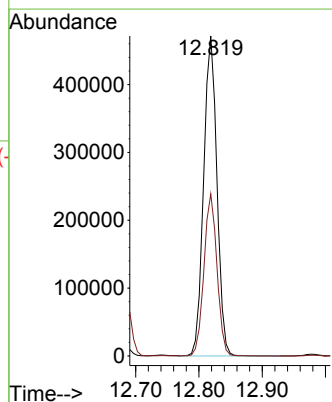
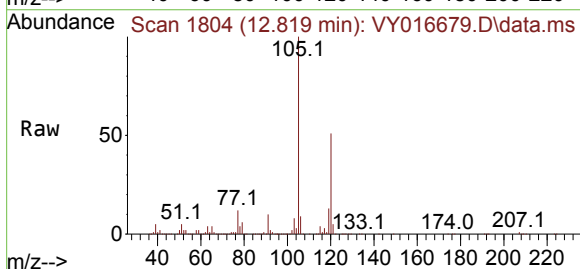
Instrument :
MSVOA_Y
ClientSampleId :

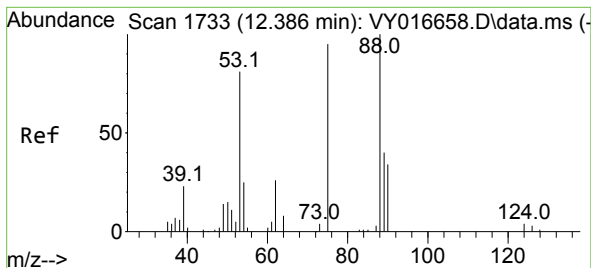
Tgt Ion: 91 Resp: 547899
Ion Ratio Lower Upper
91 100
126 36.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 59.608 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 105 Resp: 690080
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7

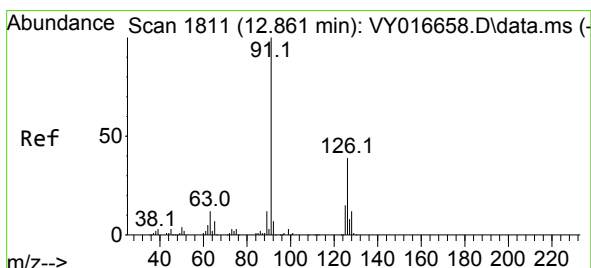
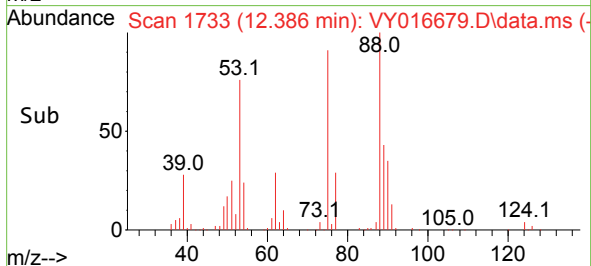
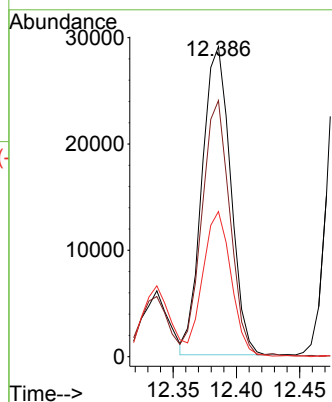
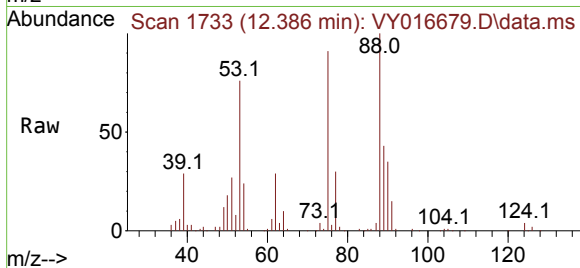




#81
trans-1,4-Dichloro-2-butene
Concen: 55.320 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

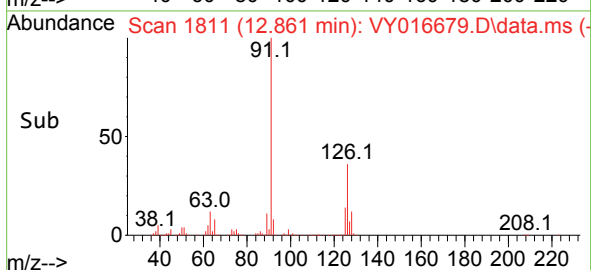
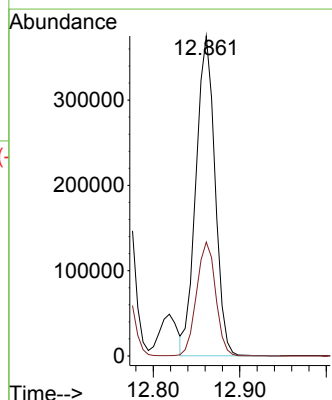
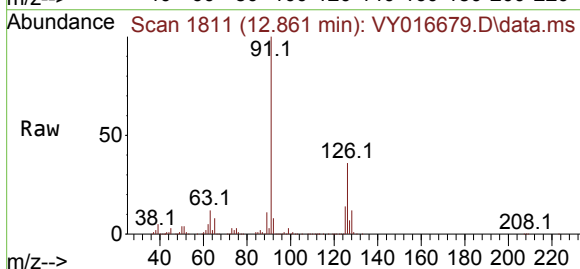
Instrument :
MSVOA_Y
ClientSampleId :

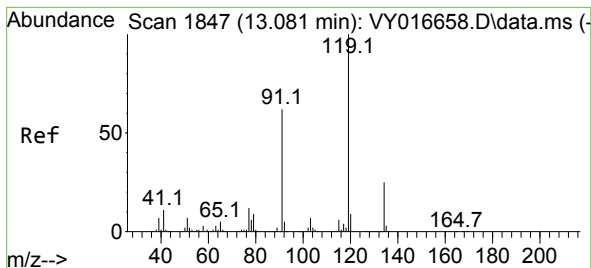
Tgt Ion	Ratio	Lower	Upper
75	100		
53	80.5	77.8	116.8
89	45.8	37.4	56.0



#82
4-Chlorotoluene
Concen: 58.101 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.2	51.6





#83

tert-Butylbenzene

Concen: 58.876 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

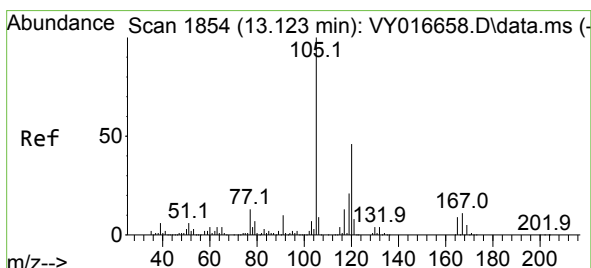
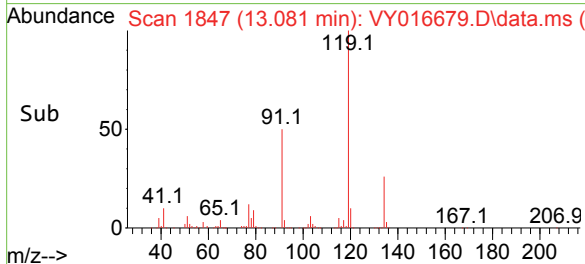
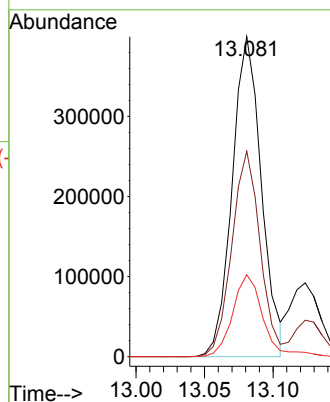
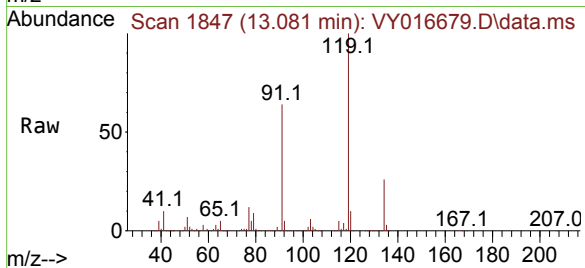
Tgt Ion:119 Resp: 594757

Ion Ratio Lower Upper

119 100

91 62.0 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 59.496 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY016679.D

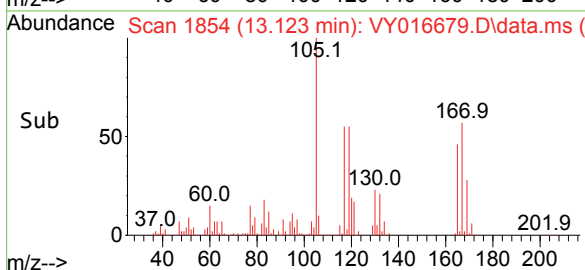
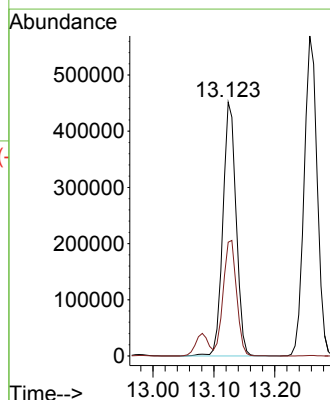
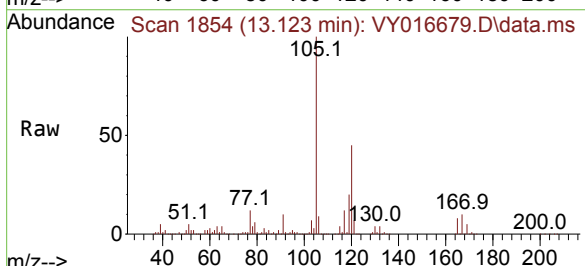
Acq: 16 Dec 2023 19:09

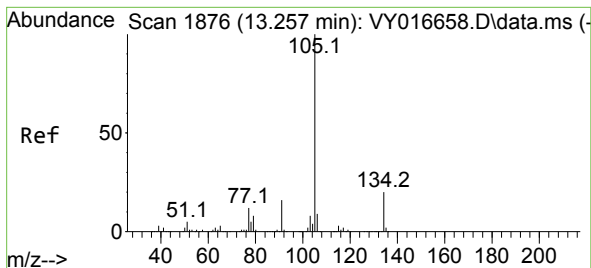
Tgt Ion:105 Resp: 683117

Ion Ratio Lower Upper

105 100

120 46.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 56.892 ug/l

RT: 13.258 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

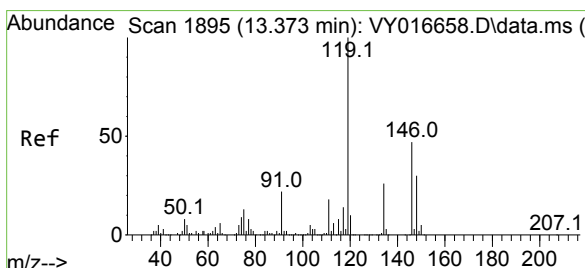
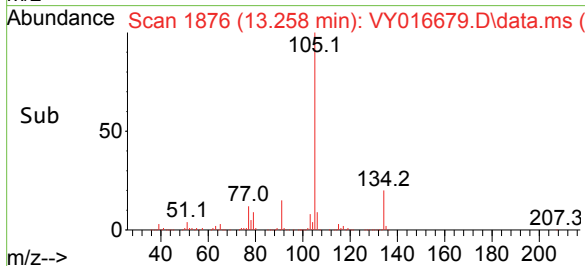
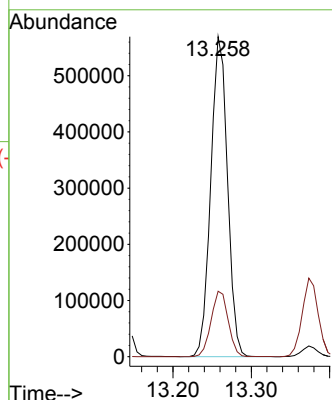
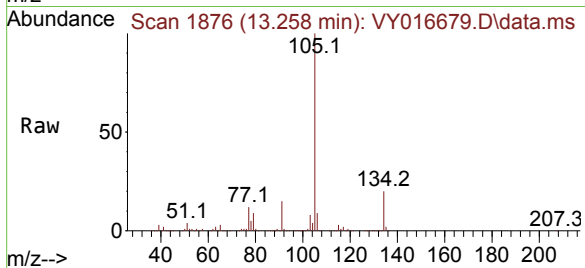
ClientSampleId :

Tgt Ion:105 Resp: 843309

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 58.869 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

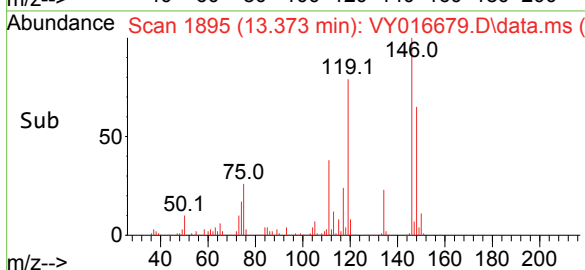
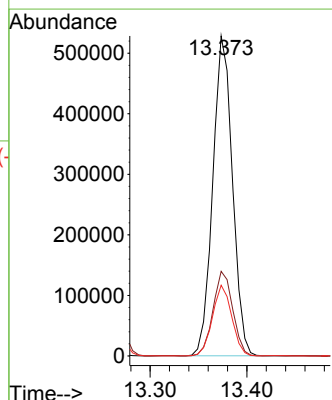
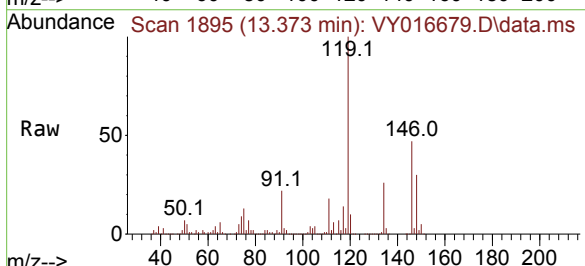
Tgt Ion:119 Resp: 745022

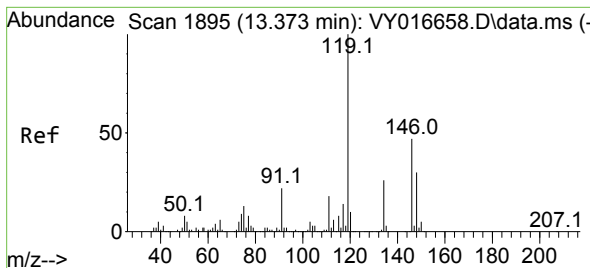
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 21.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 58.179 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

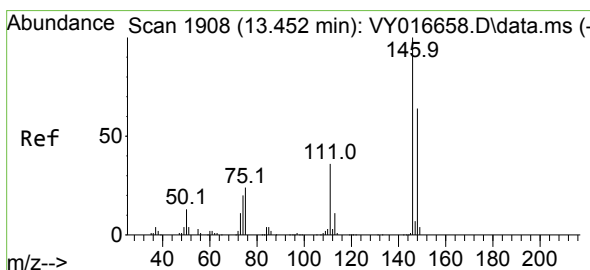
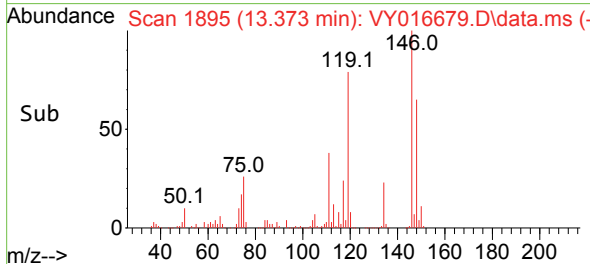
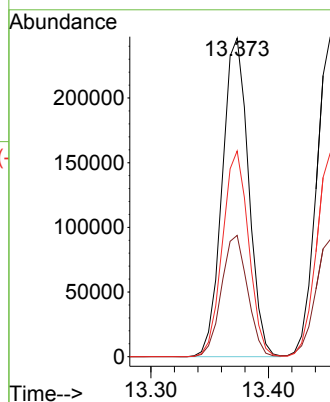
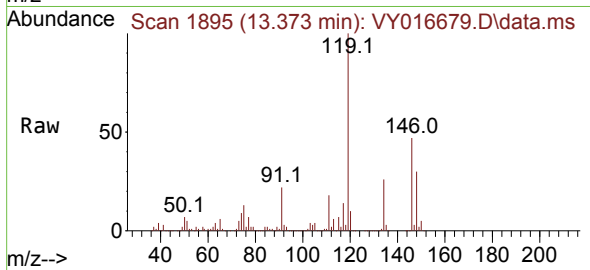
Tgt Ion:146 Resp: 383574

Ion Ratio Lower Upper

146 100

111 37.9 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 58.203 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

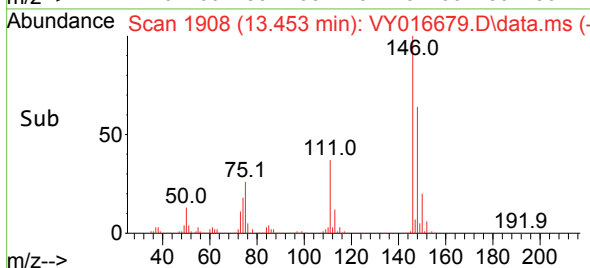
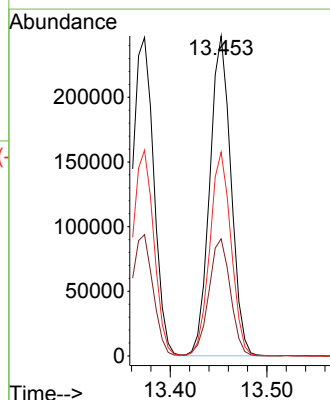
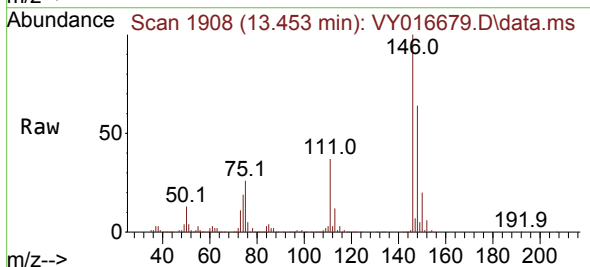
Tgt Ion:146 Resp: 377326

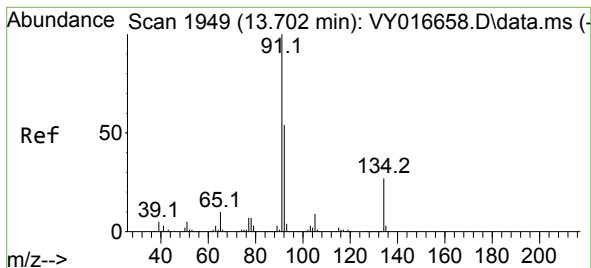
Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.7

148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 56.011 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

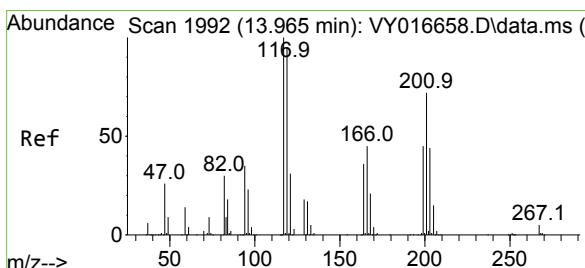
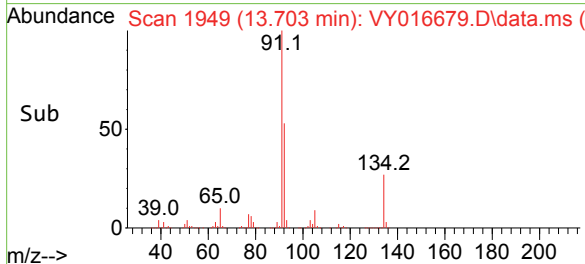
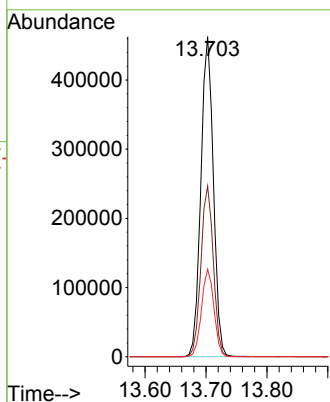
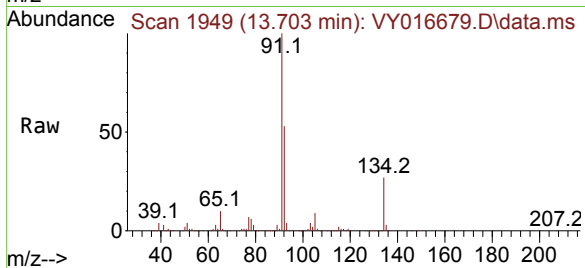
Tgt Ion: 91 Resp: 658506

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 27.2 12.6 37.6



#90

Hexachloroethane

Concen: 39.283 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY016679.D

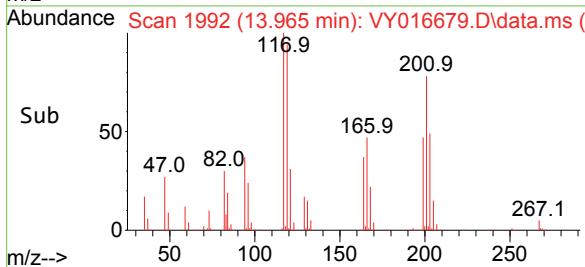
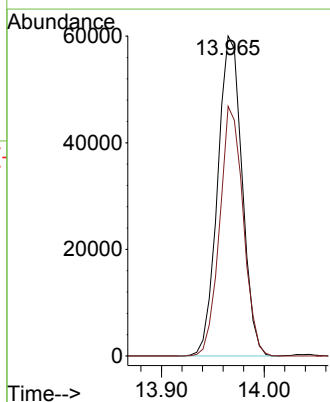
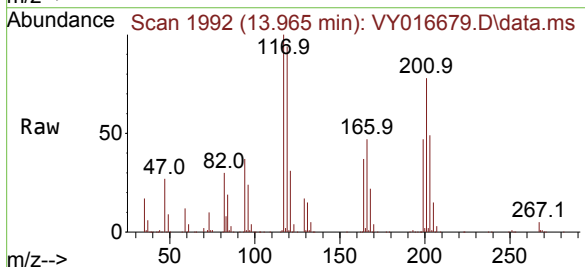
Acq: 16 Dec 2023 19:09

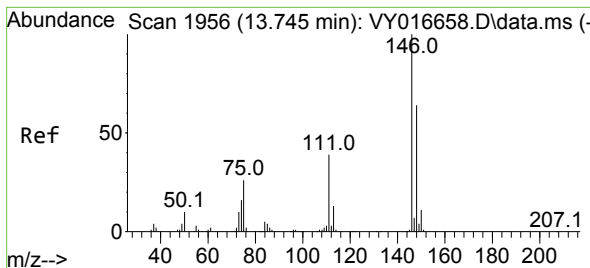
Tgt Ion: 117 Resp: 98951

Ion Ratio Lower Upper

117 100

201 75.2 41.6 124.8

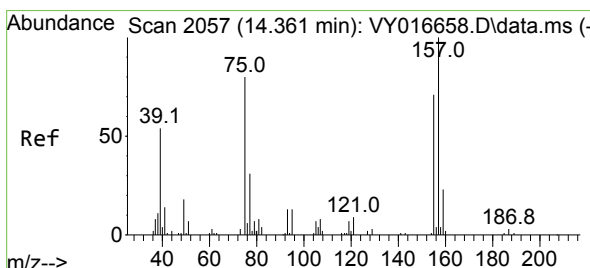
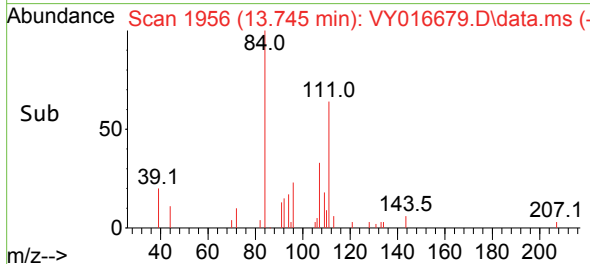
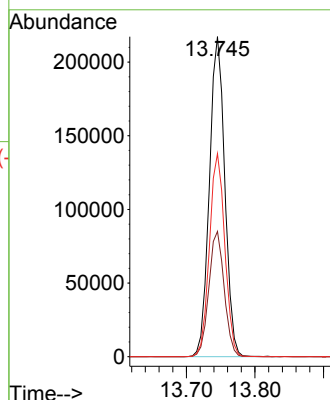
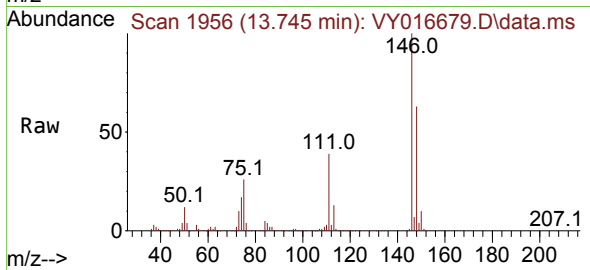




#91
1,2-Dichlorobenzene
Concen: 59.942 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

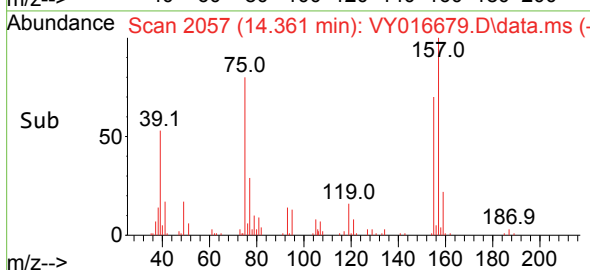
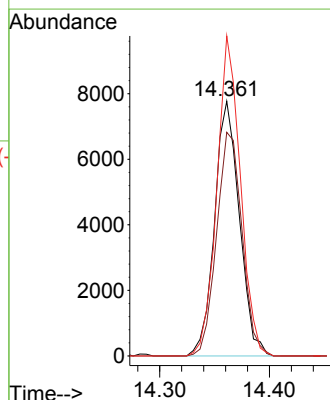
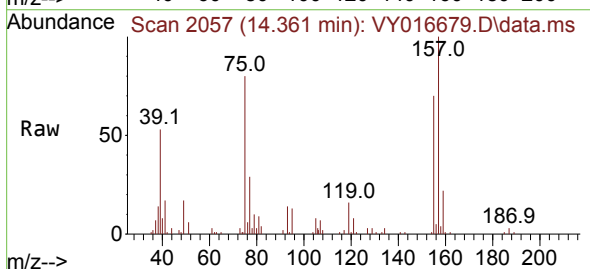
Instrument :
MSVOA_Y
ClientSampleId :

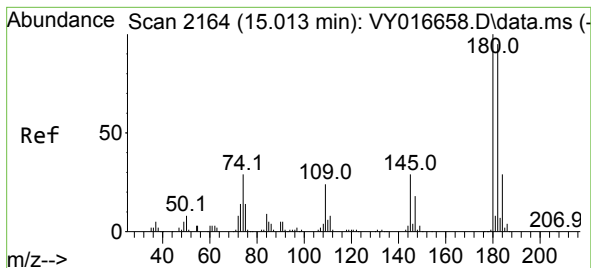
Tgt Ion:146 Resp: 339091
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.0
148 63.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 34.288 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 75 Resp: 12224
Ion Ratio Lower Upper
75 100
155 89.9 41.5 124.6
157 119.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 33.857 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

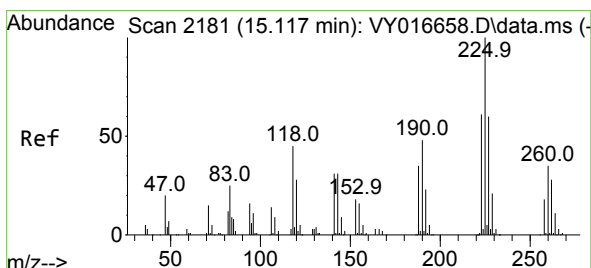
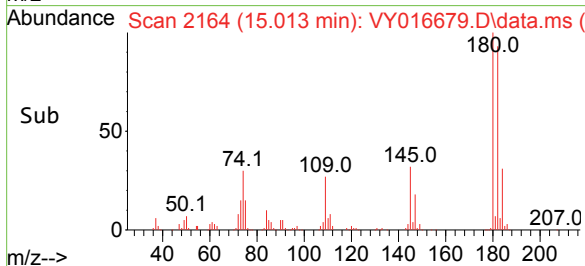
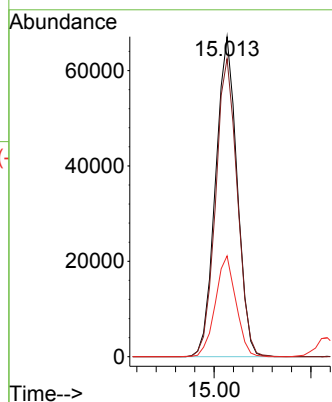
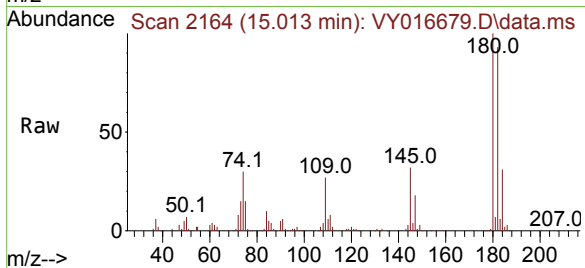
Tgt Ion:180 Resp: 103463

Ion Ratio Lower Upper

180 100

182 93.6 47.0 141.2

145 30.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 29.896 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

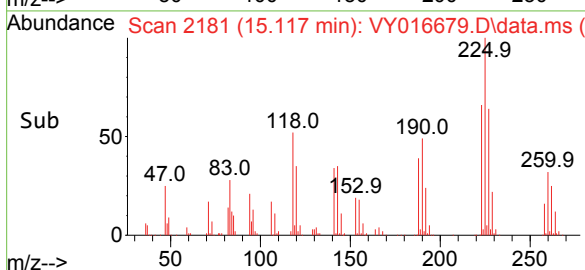
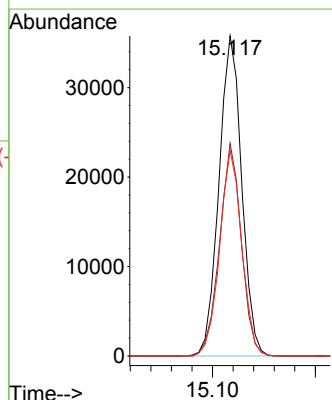
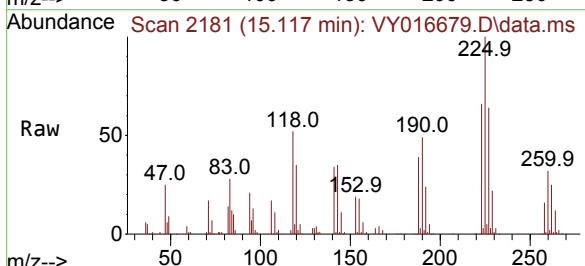
Tgt Ion:225 Resp: 54836

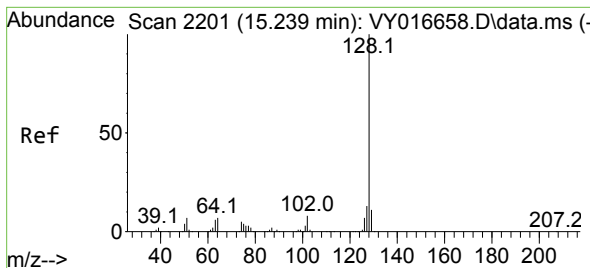
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.9

227 62.1 33.0 98.9





#95

Naphthalene

Concen: 37.629 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

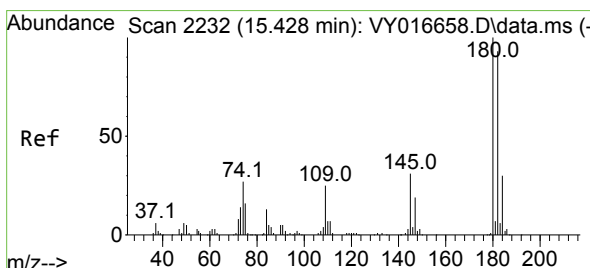
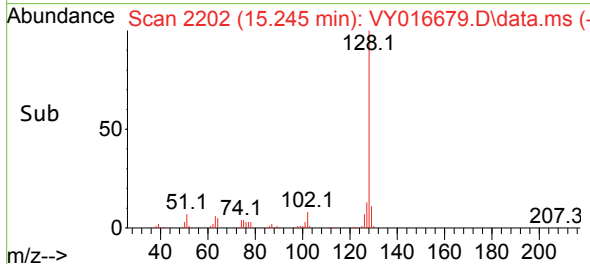
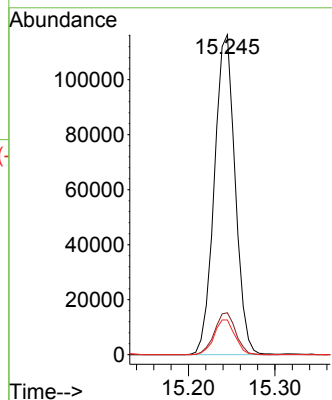
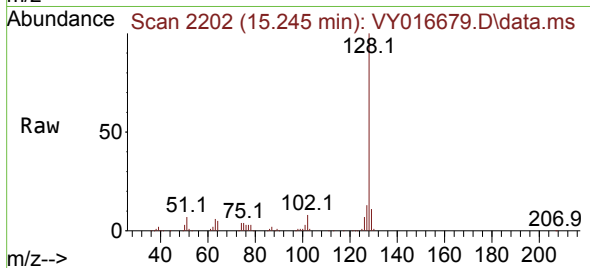
Tgt Ion:128 Resp: 194064

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 34.415 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Tgt Ion:180 Resp: 86693

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.8

145 31.6 15.4 46.2

