

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016701.D
 Acq On : 19 Dec 2023 18:30
 Operator : SY/MD
 Sample : VY1219SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 06:36:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	175981	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	259153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	217978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	103921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	75624	51.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.900%	
35) Dibromofluoromethane	7.734	113	79361	51.995	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.000%	
50) Toluene-d8	10.191	98	299052	54.101	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.200%	
62) 4-Bromofluorobenzene	12.489	95	81793	52.041	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	27965	20.199	ug/l	92
3) Chloromethane	2.125	50	48262	17.743	ug/l	98
4) Vinyl Chloride	2.259	62	65702	19.331	ug/l	99
5) Bromomethane	2.662	94	59611	20.214	ug/l	99
6) Chloroethane	2.808	64	50850	19.988	ug/l	99
7) Trichlorofluoromethane	3.137	101	59365	19.928	ug/l	100
8) Diethyl Ether	3.540	74	15512	19.452	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.912	101	32962	20.394	ug/l	99
10) Methyl Iodide	4.107	142	35578	19.384	ug/l	97
11) Tert butyl alcohol	4.960	59	10615	99.856	ug/l #	92
12) 1,1-Dichloroethene	3.887	96	28554	19.479	ug/l	98
13) Acrolein	3.747	56	10274	129.679	ug/l	97
14) Allyl chloride	4.497	41	35067	19.158	ug/l #	85
15) Acrylonitrile	5.180	53	29867	93.552	ug/l	97
16) Acetone	3.966	43	34005	91.147	ug/l	89
17) Carbon Disulfide	4.216	76	73135	18.642	ug/l	98
18) Methyl Acetate	4.497	43	22144	17.557	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	68071	19.223	ug/l	96
20) Methylene Chloride	4.741	84	38096	21.018	ug/l	94
21) trans-1,2-Dichloroethene	5.241	96	32474	19.588	ug/l	99
22) Diisopropyl ether	6.143	45	83969	20.043	ug/l	99
23) Vinyl Acetate	6.076	43	201123	98.177	ug/l	98
24) 1,1-Dichloroethane	6.039	63	56660	19.639	ug/l	98
25) 2-Butanone	7.003	43	41684	92.823	ug/l	98
26) 2,2-Dichloropropane	6.996	77	52326	19.971	ug/l	96
27) cis-1,2-Dichloroethene	7.009	96	36534	19.497	ug/l	94
28) Bromochloromethane	7.350	49	18672	17.823	ug/l	92
29) Tetrahydrofuran	7.362	42	22260	94.457	ug/l	98
30) Chloroform	7.521	83	62183	20.089	ug/l	92
31) Cyclohexane	7.801	56	45431	19.069	ug/l	96
32) 1,1,1-Trichloroethane	7.722	97	54209	19.723	ug/l	96
36) 1,1-Dichloropropene	7.935	75	45316	19.628	ug/l	99
37) Ethyl Acetate	7.088	43	16743	18.934	ug/l #	95
38) Carbon Tetrachloride	7.917	117	47821	19.196	ug/l	99
39) Methylcyclohexane	9.197	83	50640	19.051	ug/l	99
40) Benzene	8.173	78	130817	19.721	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	8560	18.227	ug/l #	73
42) 1,2-Dichloroethane	8.252	62	37205	19.821	ug/l	95
43) Isopropyl Acetate	8.289	43	32686	19.245	ug/l #	81
44) Trichloroethene	8.953	130	36185	19.822	ug/l	96
45) 1,2-Dichloropropane	9.228	63	31012	19.560	ug/l	99
46) Dibromomethane	9.319	93	17329	19.355	ug/l	98
47) Bromodichloromethane	9.508	83	45967	19.663	ug/l	96
48) Methyl methacrylate	9.301	41	16449	17.850	ug/l #	87
49) 1,4-Dioxane	9.319	88	3124	378.968	ug/l #	91
51) 4-Methyl-2-Pentanone	10.081	43	80886	92.789	ug/l	96
52) Toluene	10.258	92	80485	19.830	ug/l	97
53) t-1,3-Dichloropropene	10.478	75	41459	19.807	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	48927	19.727	ug/l	93
55) 1,1,2-Trichloroethane	10.654	97	23796	19.240	ug/l	92
56) Ethyl methacrylate	10.520	69	18775	18.655	ug/l #	89
57) 1,3-Dichloropropane	10.801	76	40389	19.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	52506	89.382	ug/l	96
59) 2-Hexanone	10.843	43	59737	94.058	ug/l	95
60) Dibromochloromethane	10.996	129	30201	20.112	ug/l	99
61) 1,2-Dibromoethane	11.099	107	21617	19.407	ug/l	99
64) Tetrachloroethene	10.727	164	30354	20.188	ug/l	93
65) Chlorobenzene	11.526	112	87161	20.191	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	32255	19.287	ug/l	97
67) Ethyl Benzene	11.599	91	150664	19.537	ug/l	99
68) m/p-Xylenes	11.709	106	114866	39.294	ug/l	99
69) o-Xylene	12.038	106	52886	19.804	ug/l	98
70) Styrene	12.050	104	75494	19.579	ug/l	97
71) Bromoform	12.215	173	17010	19.638	ug/l #	99
73) Isopropylbenzene	12.337	105	142072	19.772	ug/l	99
74) N-amyl acetate	12.154	43	24456	18.810	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.593	83	25654	19.188	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	31216	34.556	ug/l #	100
77) Bromobenzene	12.617	156	35275	20.361	ug/l	95
78) n-propylbenzene	12.678	91	170507	20.016	ug/l	99
79) 2-Chlorotoluene	12.764	91	92103	20.185	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	114432	20.323	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	7632	19.384	ug/l	87
82) 4-Chlorotoluene	12.861	91	92973	19.705	ug/l	98
83) tert-Butylbenzene	13.081	119	98469	19.435	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	112438	19.922	ug/l	99
85) sec-Butylbenzene	13.264	105	146399	20.037	ug/l	99
86) p-Isopropyltoluene	13.379	119	126474	19.799	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	67059	19.560	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	64539	19.650	ug/l	100
89) n-Butylbenzene	13.709	91	114873	19.672	ug/l	97
90) Hexachloroethane	13.971	117	25320	19.889	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	56535	20.072	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3083	17.587	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	32018	19.017	ug/l	98
94) Hexachlorobutadiene	15.123	225	20637	19.394	ug/l	97
95) Naphthalene	15.245	128	47332	17.562	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	27292	19.165	ug/l	96

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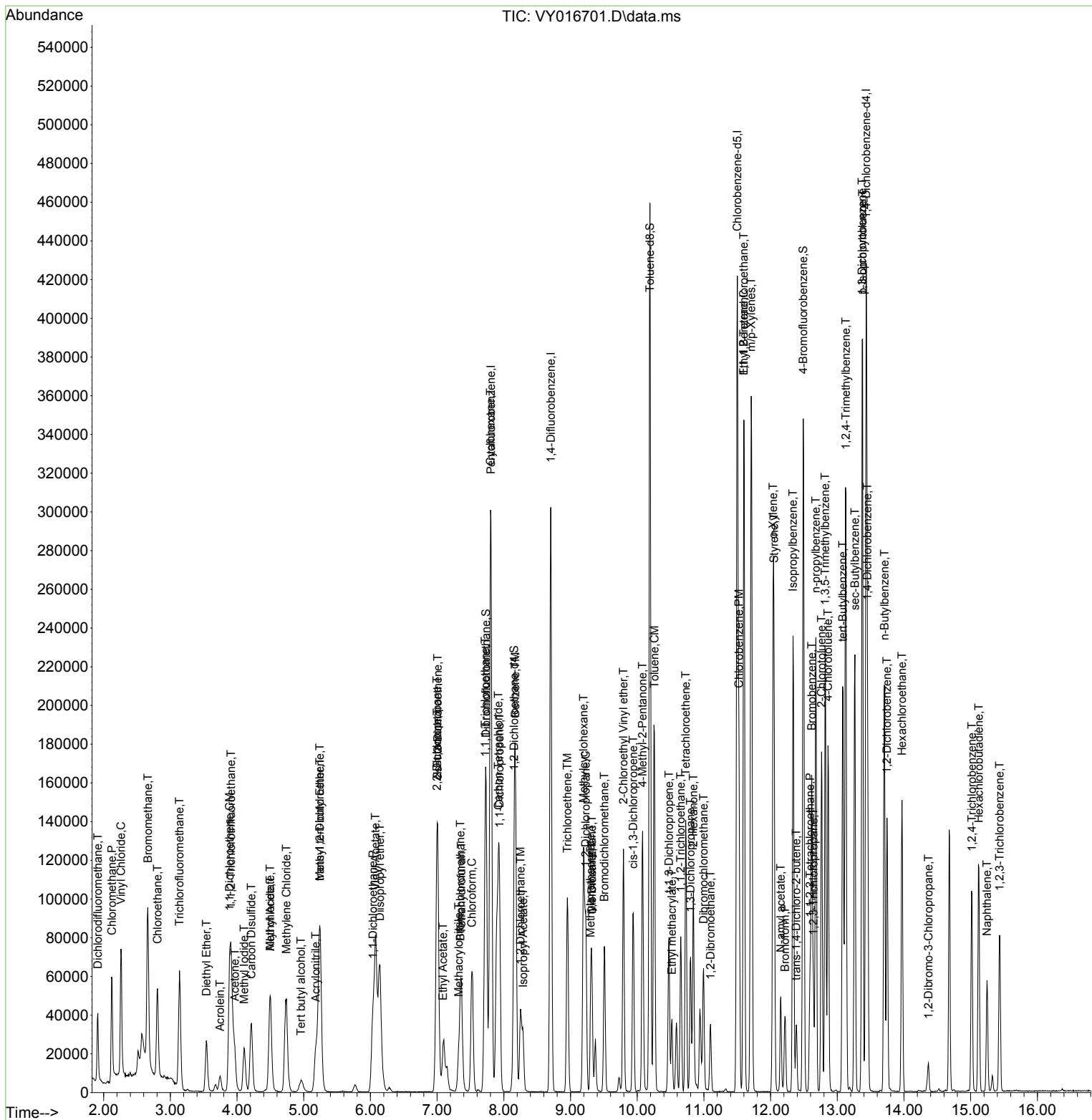
Instrument :
MSVOA_Y
ClientSampleId :

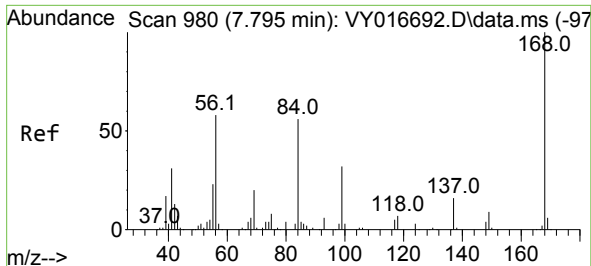
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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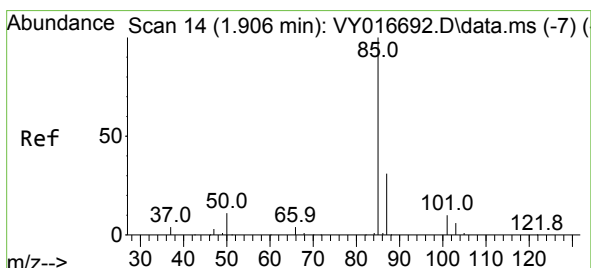
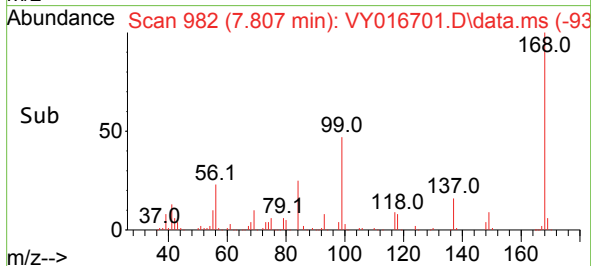
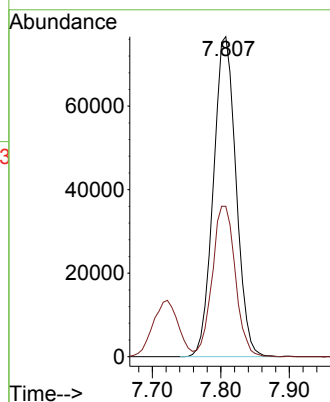
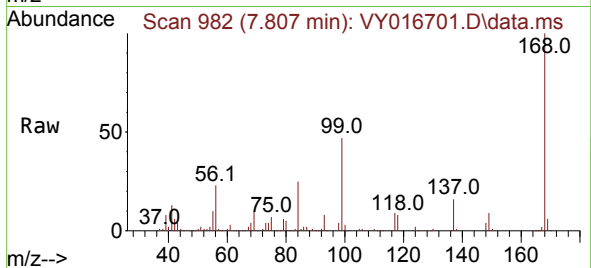




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016701.D
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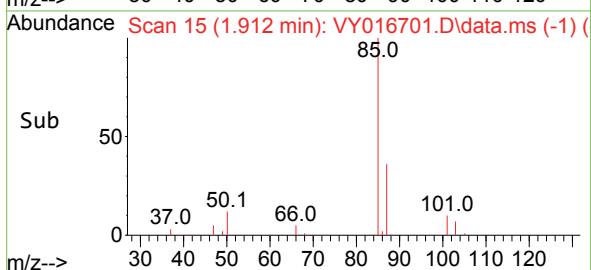
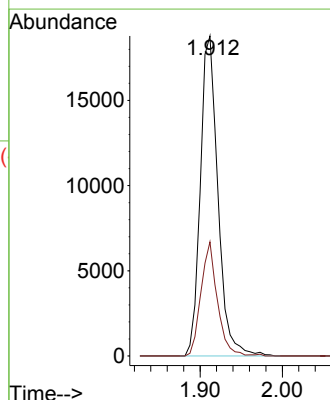
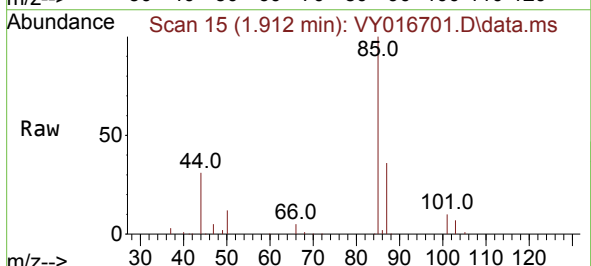
Instrument :
MSVOA_Y
ClientSampleId :

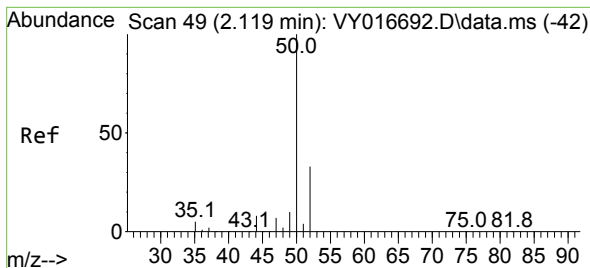
Tgt Ion:168 Resp: 175981
Ion Ratio Lower Upper
168 100
99 47.0 40.2 60.4



#2
Dichlorodifluoromethane
Concen: 20.199 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 85 Resp: 27965
Ion Ratio Lower Upper
85 100
87 35.7 15.6 46.8





#3

Chloromethane

Concen: 17.743 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

MSVOA_Y

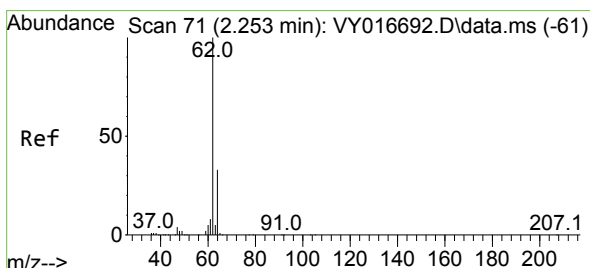
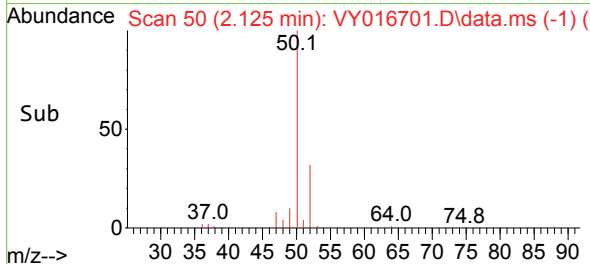
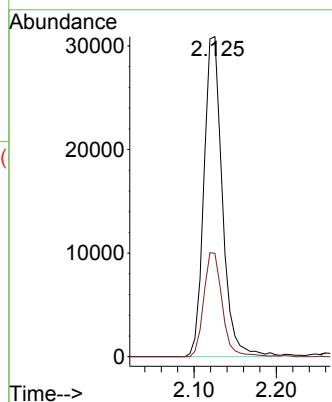
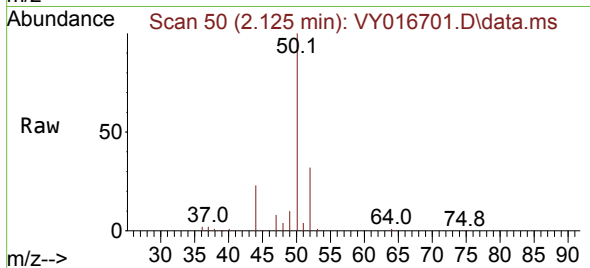
ClientSampleId :

Tgt Ion: 50 Resp: 48262

Ion Ratio Lower Upper

50 100

52 32.3 26.6 40.0



#4

Vinyl Chloride

Concen: 19.331 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.006 min

Lab File: VY016701.D

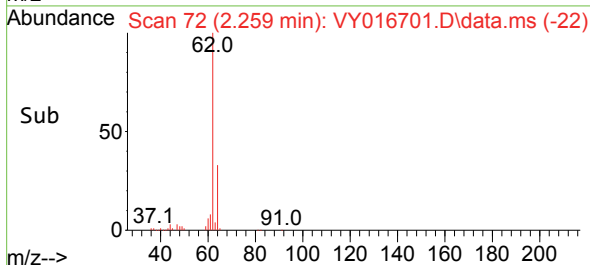
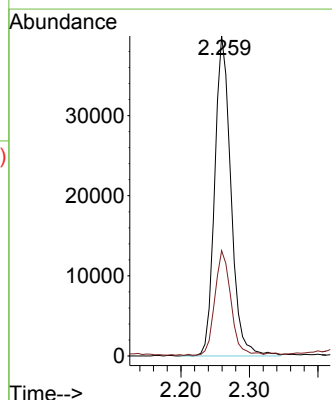
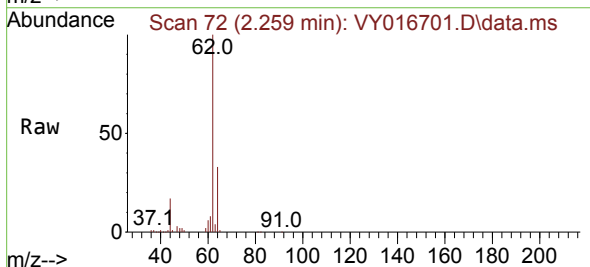
Acq: 19 Dec 2023 18:30

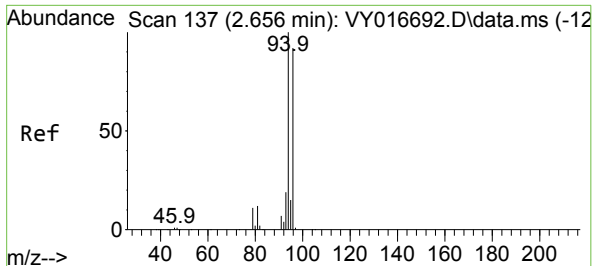
Tgt Ion: 62 Resp: 65702

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.2

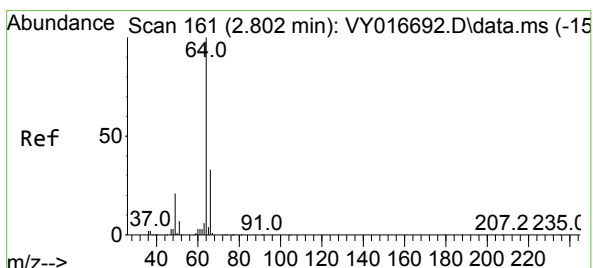
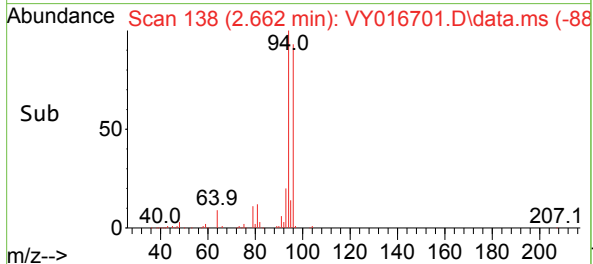
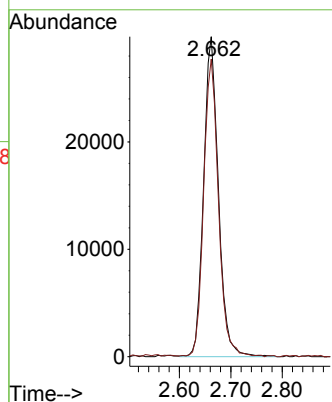
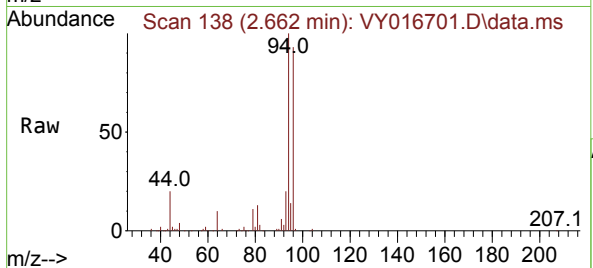




#5
Bromomethane
Concen: 20.214 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

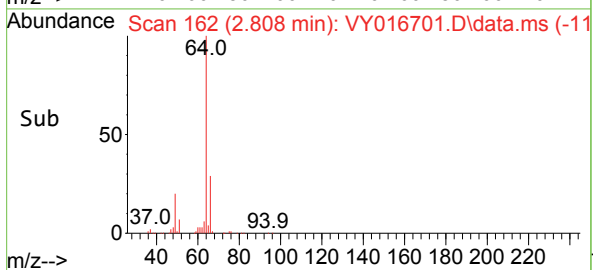
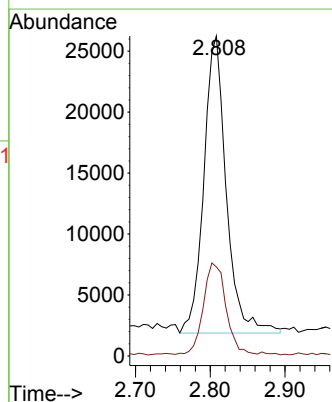
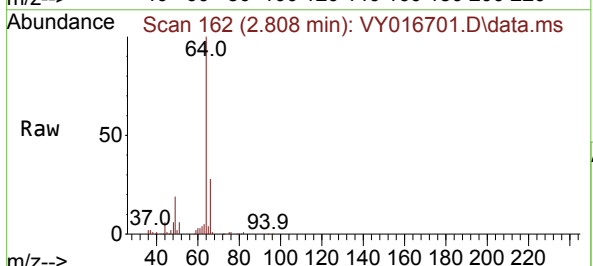
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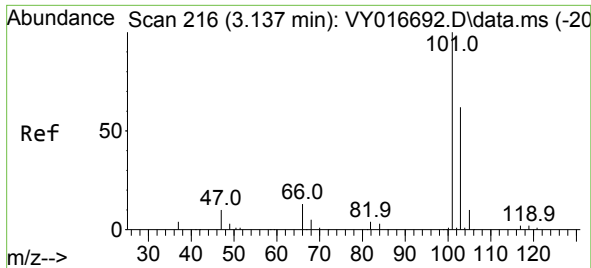
Tgt Ion: 94 Resp: 59611
Ion Ratio Lower Upper
94 100
96 93.0 74.0 111.0



#6
Chloroethane
Concen: 19.988 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 64 Resp: 50850
Ion Ratio Lower Upper
64 100
66 29.6 24.0 36.0

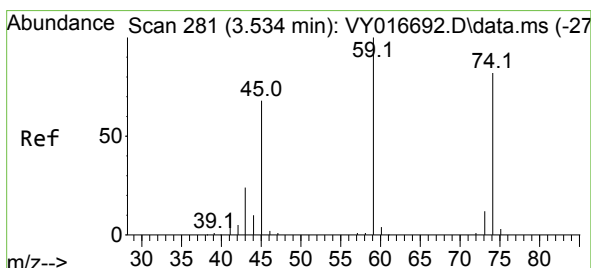
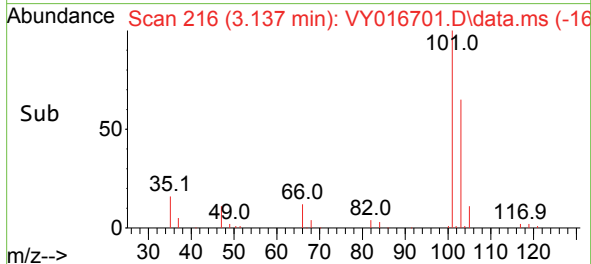
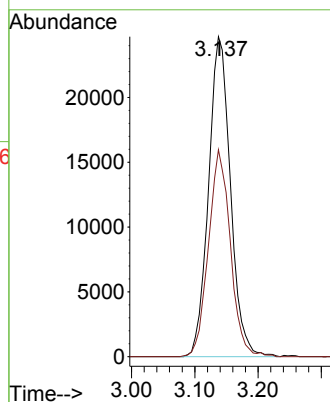
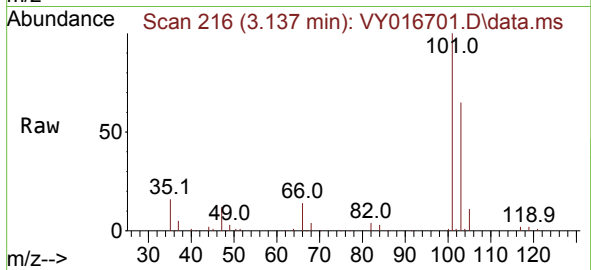




#7
 Trichlorofluoromethane
 Concen: 19.928 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016701.D
 Acq: 19 Dec 2023 18:30

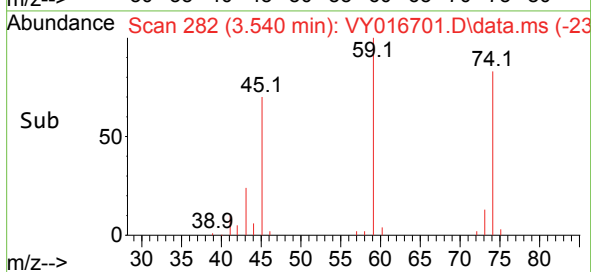
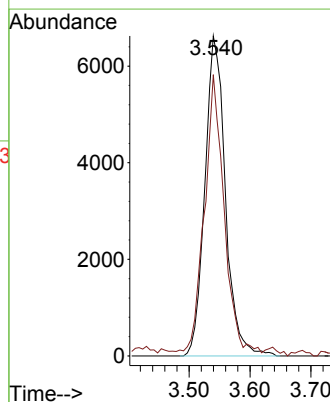
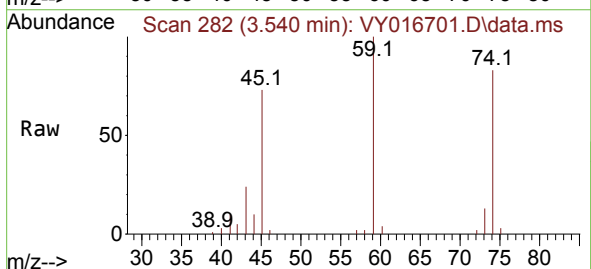
Instrument :
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 ClientSampleId :

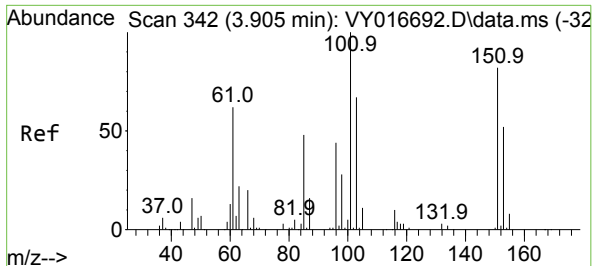
Tgt Ion:101 Resp: 59365
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.7 77.5



#8
 Diethyl Ether
 Concen: 19.452 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
 Lab File: VY016701.D
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Tgt Ion: 74 Resp: 15512
 Ion Ratio Lower Upper
 74 100
 45 84.4 44.3 132.9

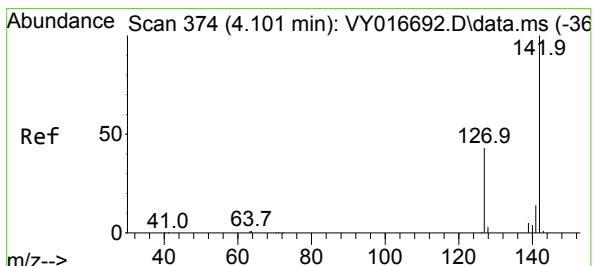
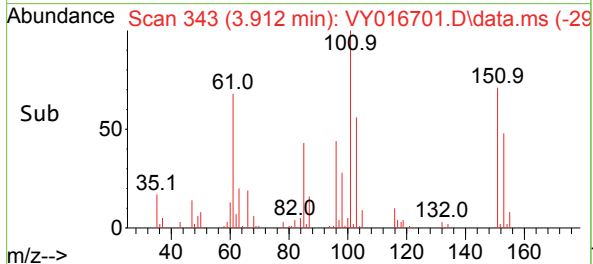
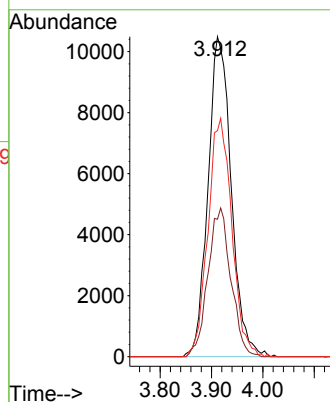
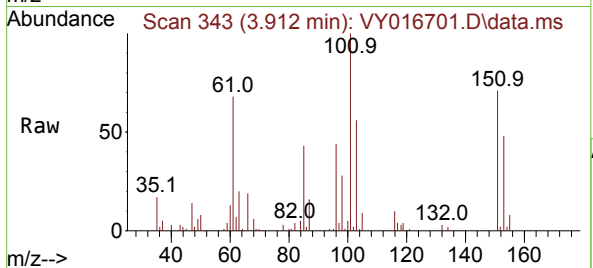




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.394 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

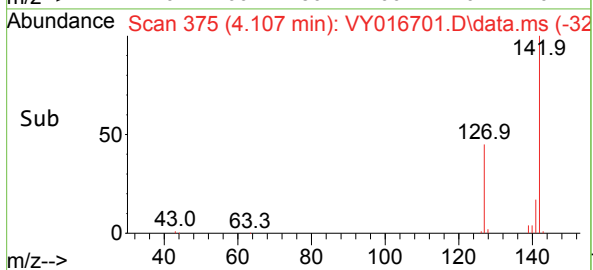
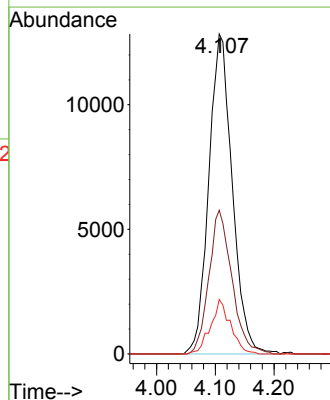
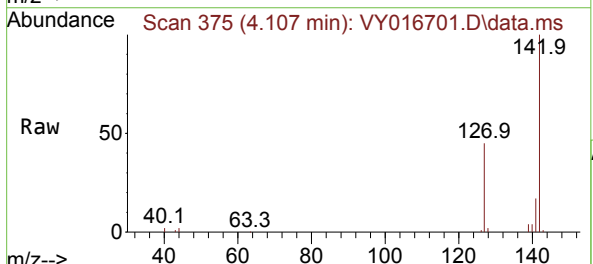
Instrument :
MSVOA_Y
ClientSampleId :

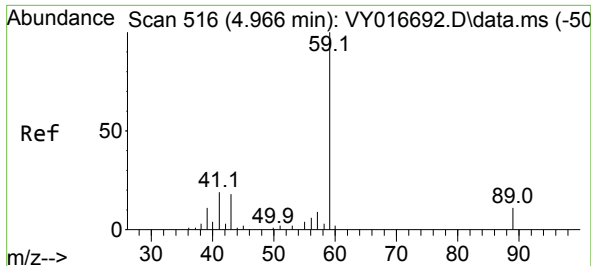
Tgt Ion:101 Resp: 32962
Ion Ratio Lower Upper
101 100
85 45.9 35.0 52.4
151 76.5 61.0 91.4



#10
Methyl Iodide
Concen: 19.384 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion:142 Resp: 35578
Ion Ratio Lower Upper
142 100
127 44.1 33.6 50.4
141 14.5 12.0 18.0

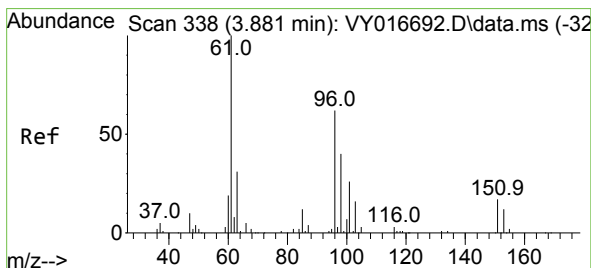
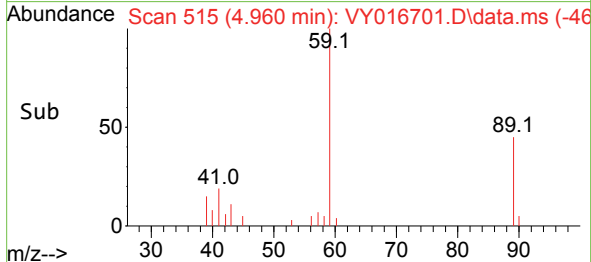
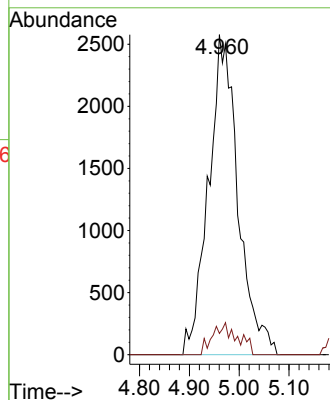
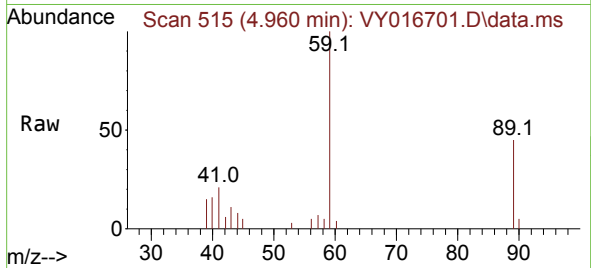




#11
Tert butyl alcohol
Concen: 99.856 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

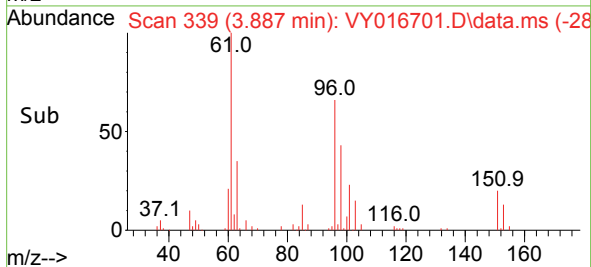
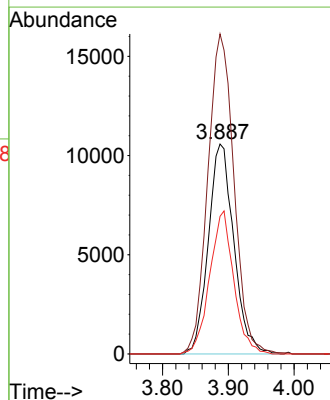
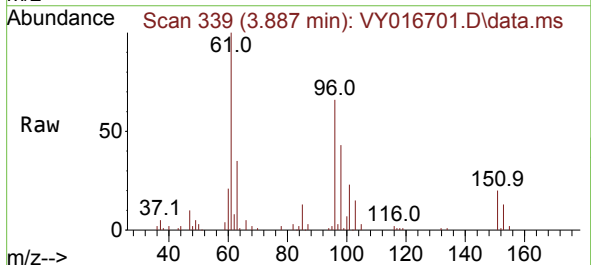
Instrument :
MSVOA_Y
ClientSampleId :

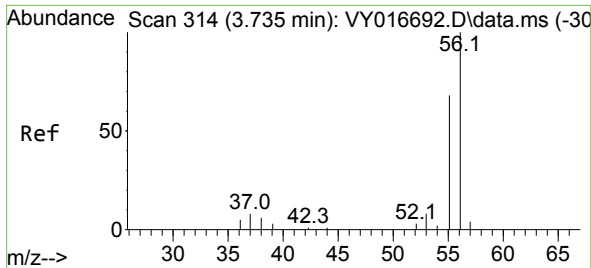
Tgt Ion: 59 Resp: 10615
Ion Ratio Lower Upper
59 100
57 6.9 7.9 11.9#



#12
1,1-Dichloroethene
Concen: 19.479 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 96 Resp: 28554
Ion Ratio Lower Upper
96 100
61 152.4 123.9 185.9
98 65.6 50.1 75.1





#13

Acrolein

Concen: 129.679 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

MSVOA_Y

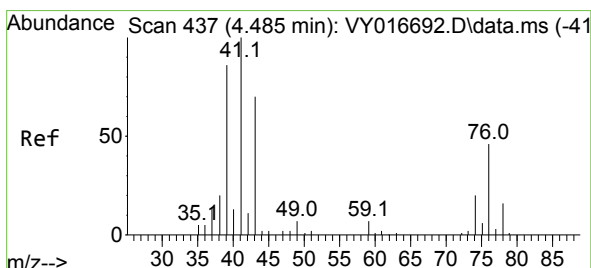
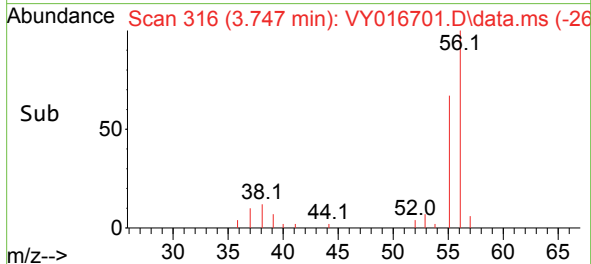
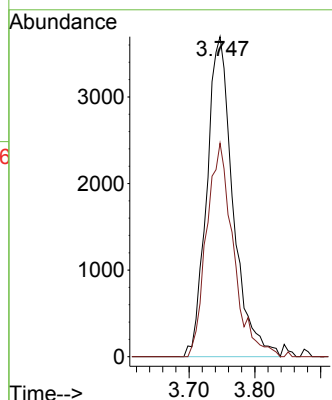
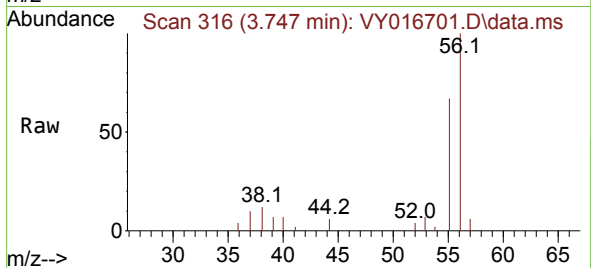
ClientSampleId :

Tgt Ion: 56 Resp: 10274

Ion Ratio Lower Upper

56 100

55 68.0 56.5 84.7



#14

Allyl chloride

Concen: 19.158 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.012 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

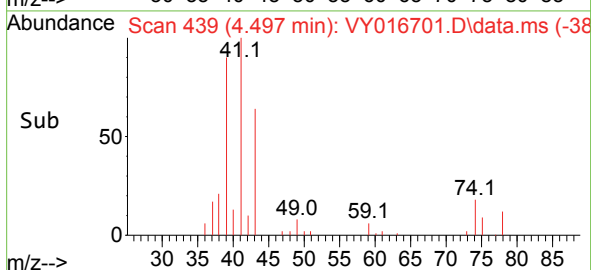
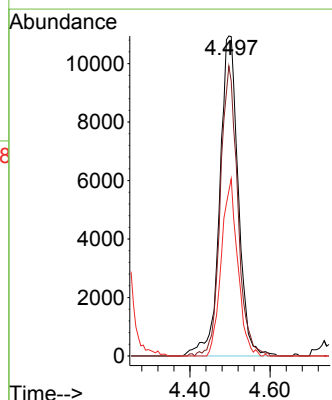
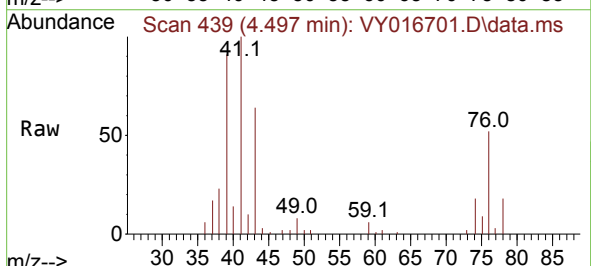
Tgt Ion: 41 Resp: 35067

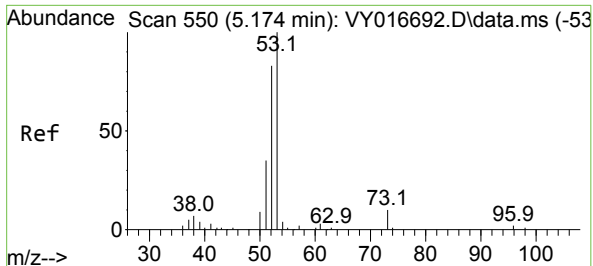
Ion Ratio Lower Upper

41 100

39 85.0 56.4 84.6#

76 48.9 34.3 51.5





#15

Acrylonitrile

Concen: 93.552 ug/l

RT: 5.180 min Scan# 51

Delta R.T. 0.006 min

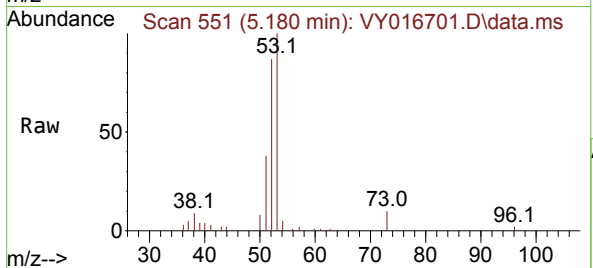
Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

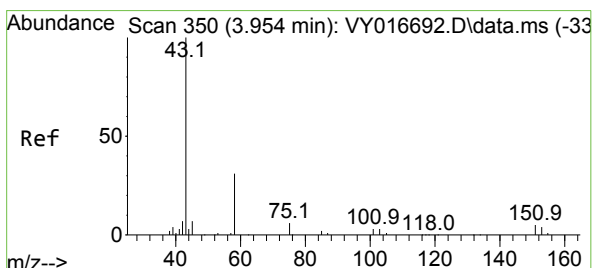
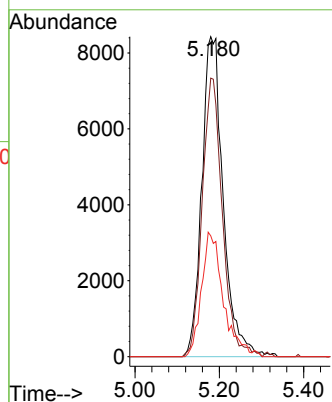
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 53	Resp: 29867
Ion Ratio	Lower Upper
53	100
52	81.9 64.3 96.5
51	39.2 28.3 42.5



#16

Acetone

Concen: 91.147 ug/l

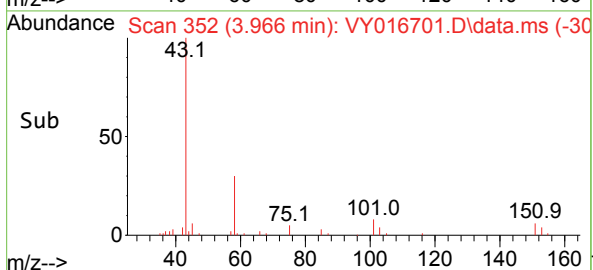
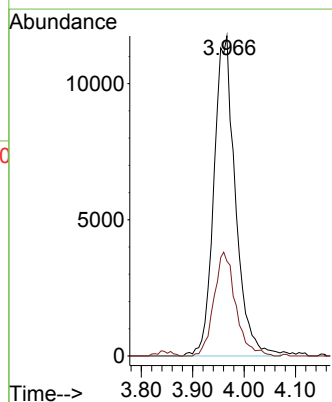
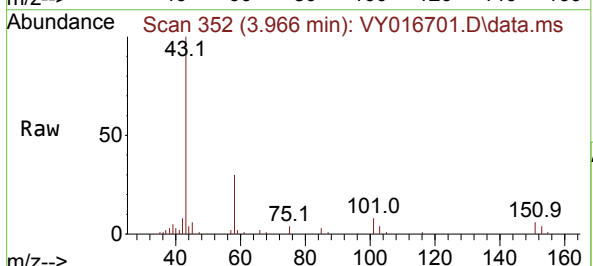
RT: 3.966 min Scan# 352

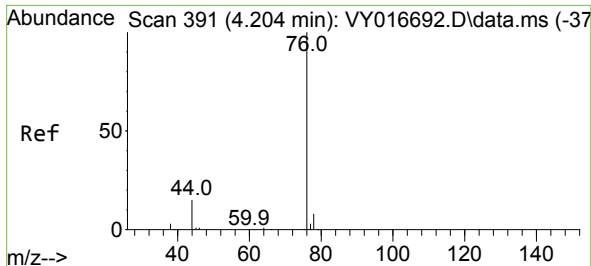
Delta R.T. 0.012 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Tgt Ion: 43	Resp: 34005
Ion Ratio	Lower Upper
43	100
58	29.6 29.0 43.4

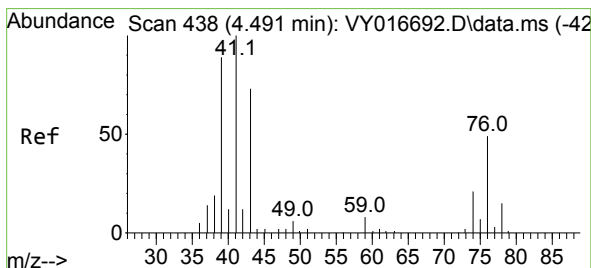
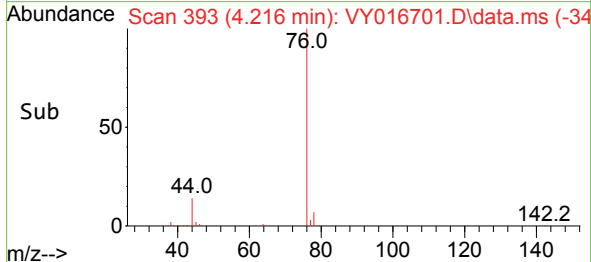
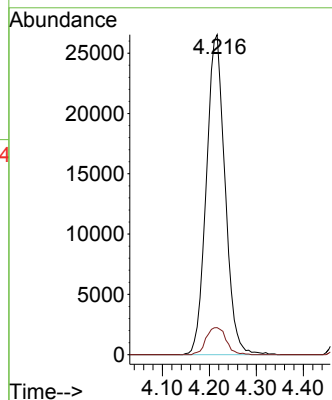
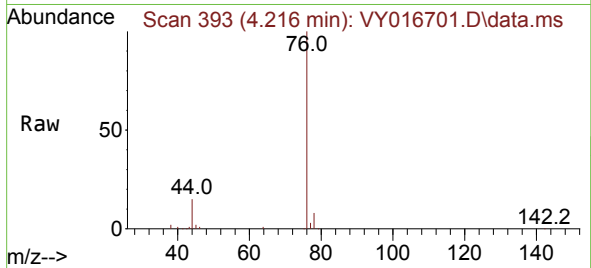




#17
Carbon Disulfide
Concen: 18.642 ug/l
RT: 4.216 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

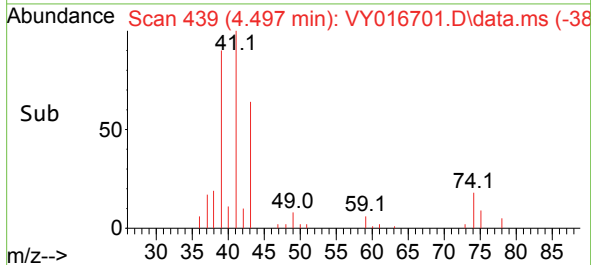
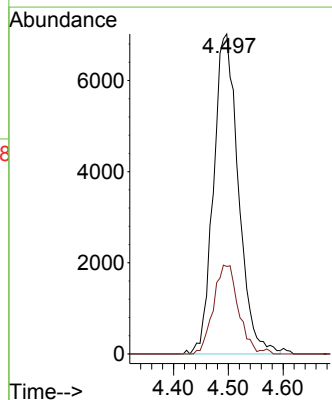
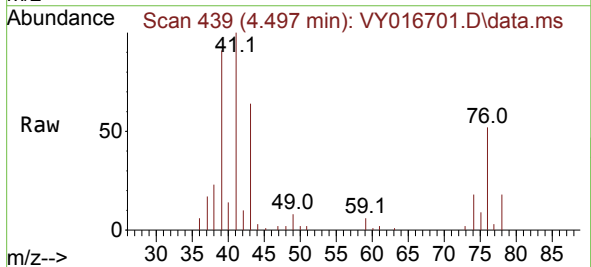
Instrument :
MSVOA_Y
ClientSampleId :

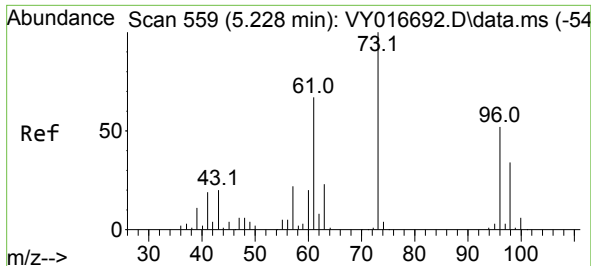
Tgt Ion: 76 Resp: 73135
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 17.557 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 43 Resp: 22144
Ion Ratio Lower Upper
43 100
74 27.8 22.1 33.1

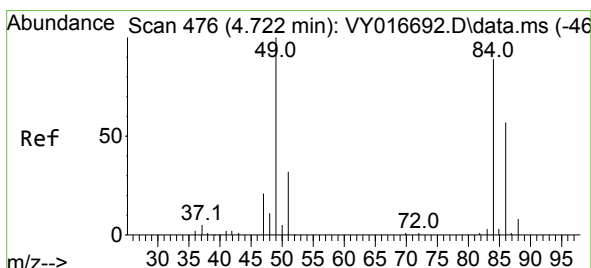
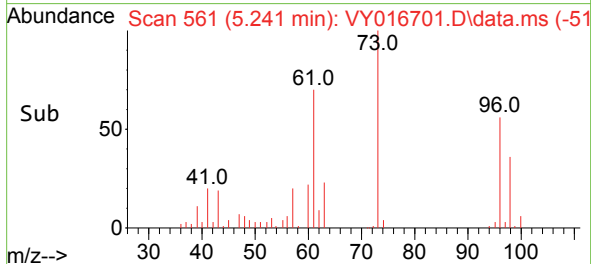
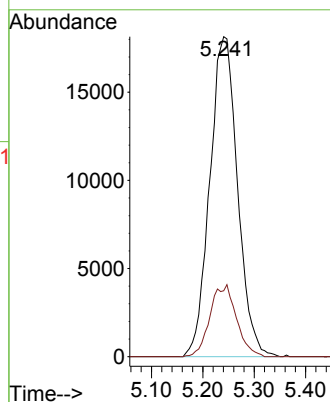
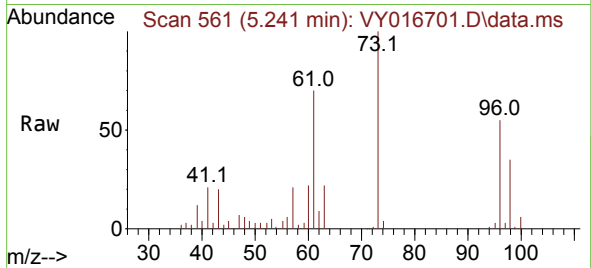




#19
Methyl tert-butyl Ether
Concen: 19.223 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

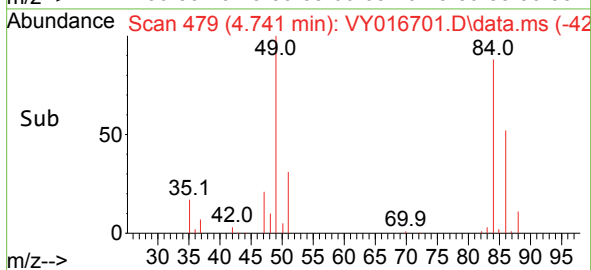
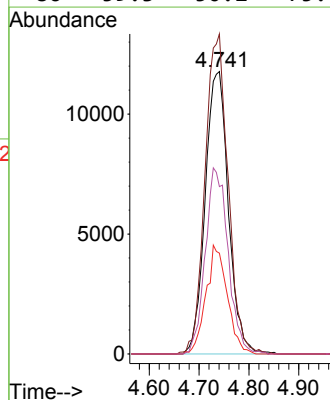
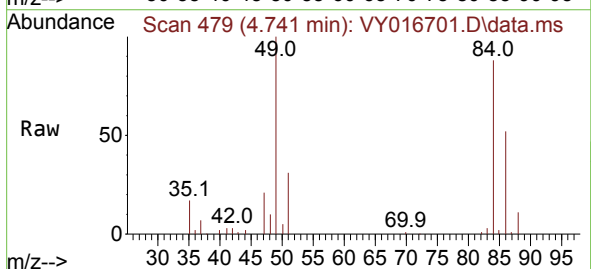
Instrument :
MSVOA_Y
ClientSampleId :

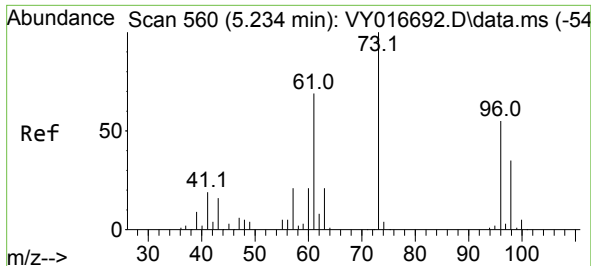
Tgt Ion: 73 Resp: 68071
Ion Ratio Lower Upper
73 100
57 20.6 17.9 26.9



#20
Methylene Chloride
Concen: 21.018 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.019 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 84 Resp: 38096
Ion Ratio Lower Upper
84 100
49 113.3 83.8 125.8
51 35.7 27.2 40.8
86 59.3 50.2 75.4

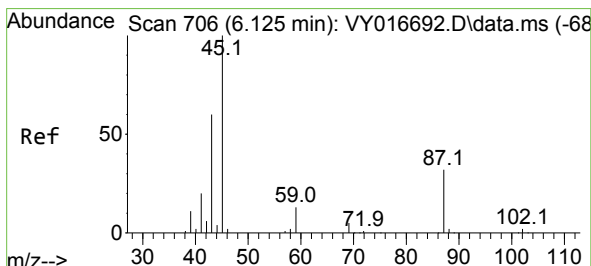
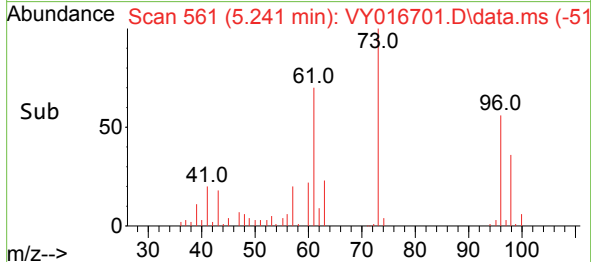
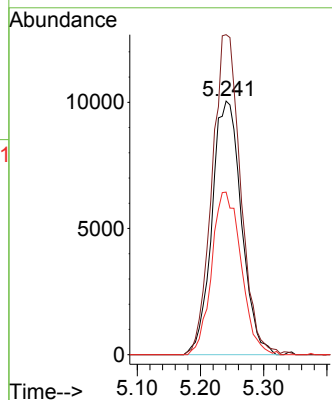
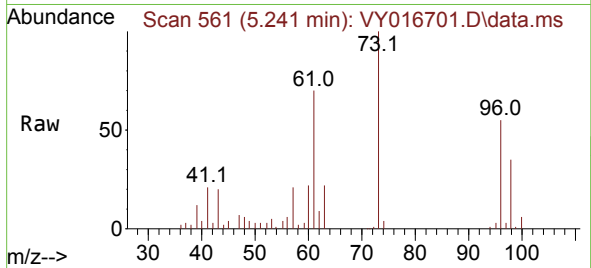




#21
trans-1,2-Dichloroethene
Concen: 19.588 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

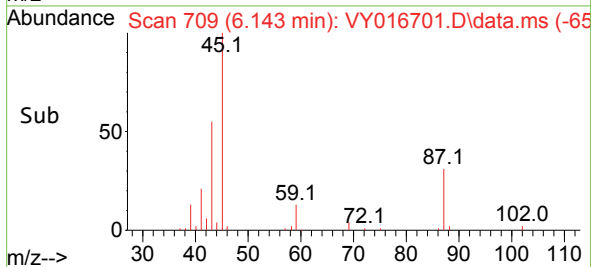
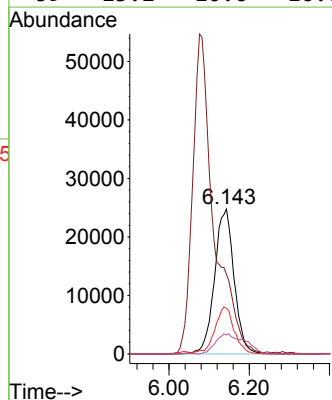
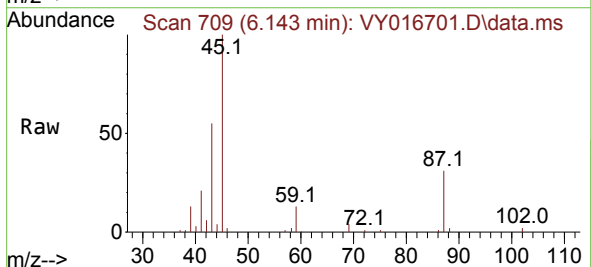
Instrument :
MSVOA_Y
ClientSampleId :

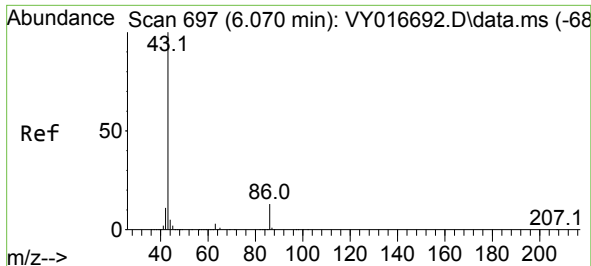
Tgt Ion: 96 Resp: 32474
Ion Ratio Lower Upper
96 100
61 126.1 100.0 150.0
98 64.1 52.2 78.2



#22
Diisopropyl ether
Concen: 20.043 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.018 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 45 Resp: 83969
Ion Ratio Lower Upper
45 100
43 54.0 42.4 63.6
87 31.5 25.0 37.4
59 13.2 10.6 16.0

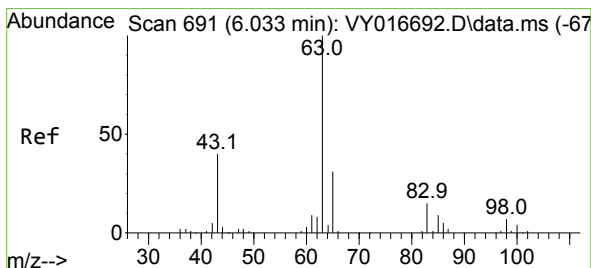
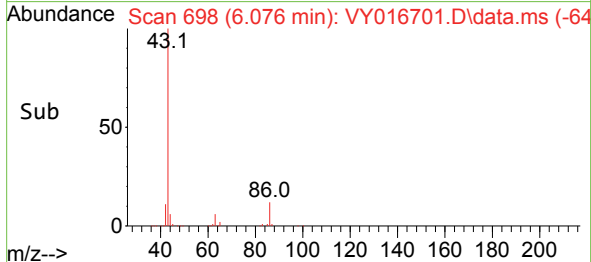
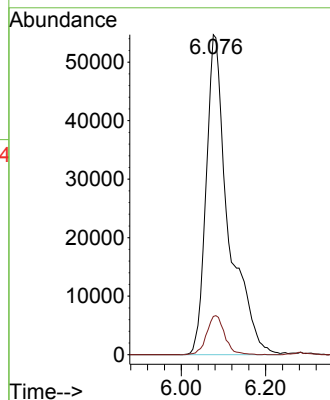
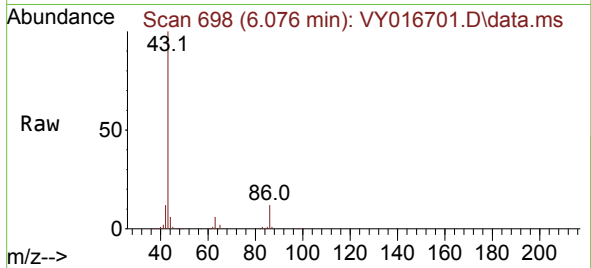




#23
 Vinyl Acetate
 Concen: 98.177 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY016701.D
 Acq: 19 Dec 2023 18:30

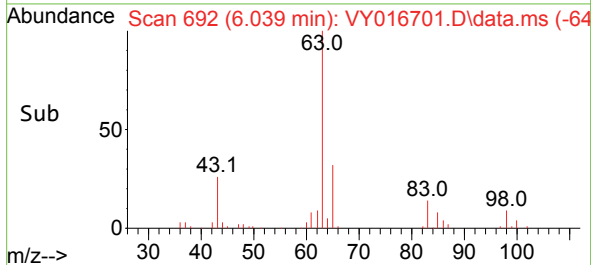
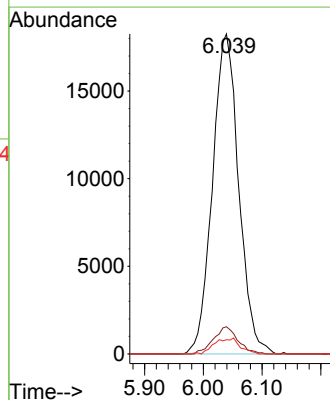
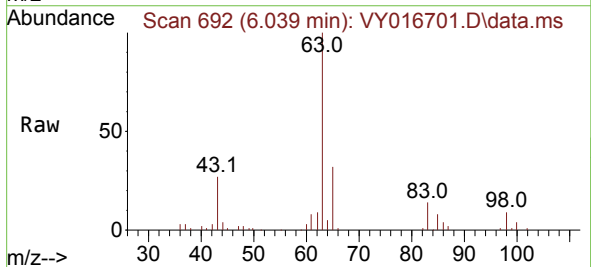
Instrument :
 MSVOA_Y
 ClientSampleId :

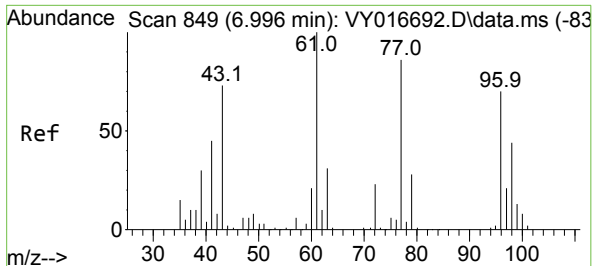
Tgt Ion: 43 Resp: 201123
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 19.639 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016701.D
 Acq: 19 Dec 2023 18:30

Tgt Ion: 63 Resp: 56660
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.8 11.2
 100 4.5 2.5 7.5





#25

2-Butanone

Concen: 92.823 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.007 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

MSVOA_Y

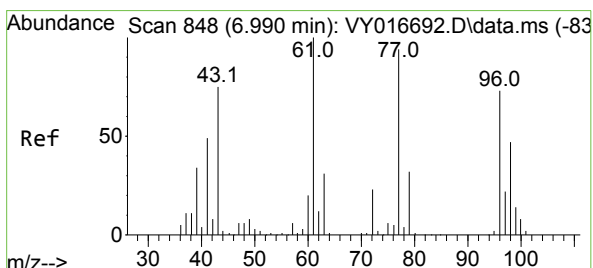
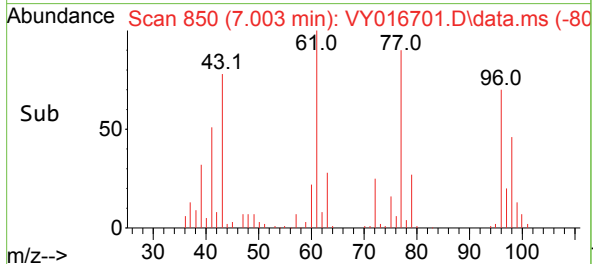
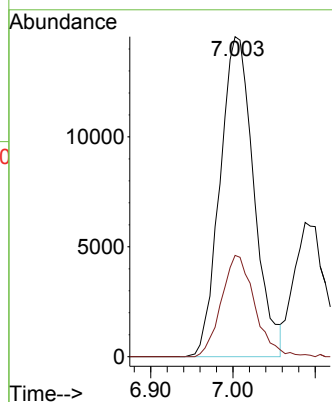
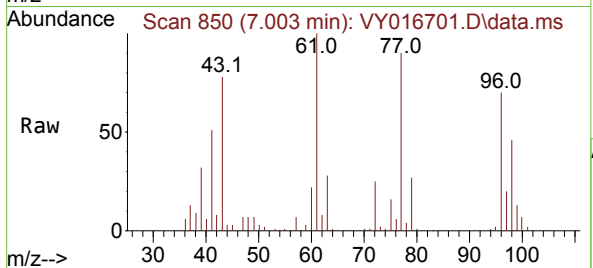
ClientSampleId :

Tgt Ion: 43 Resp: 41684

Ion Ratio Lower Upper

43 100

72 31.7 26.3 39.5



#26

2,2-Dichloropropane

Concen: 19.971 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY016701.D

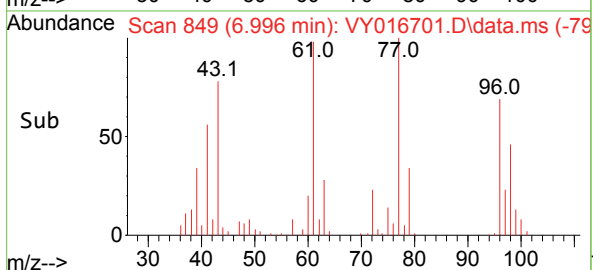
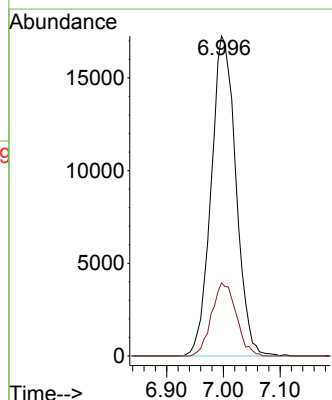
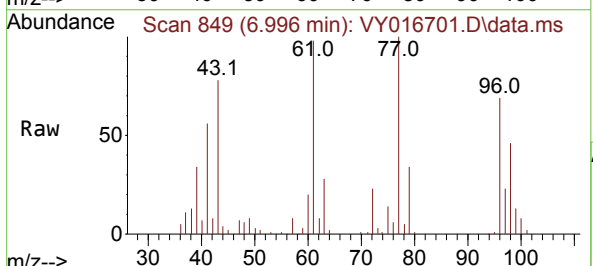
Acq: 19 Dec 2023 18:30

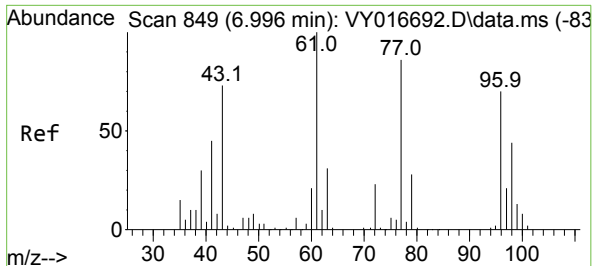
Tgt Ion: 77 Resp: 52326

Ion Ratio Lower Upper

77 100

97 22.8 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 19.497 ug/l

RT: 7.009 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

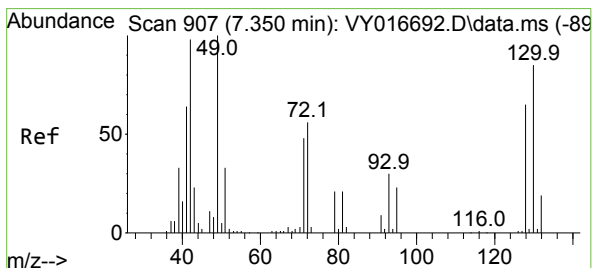
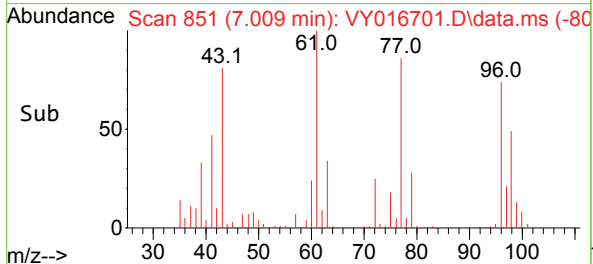
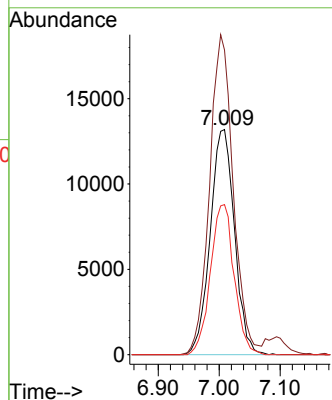
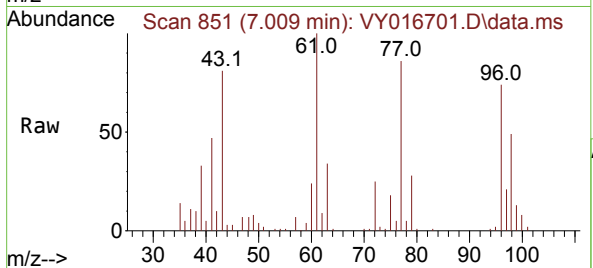
Tgt Ion: 96 Resp: 36534

Ion Ratio Lower Upper

96 100

61 138.6 0.0 255.8

98 65.2 0.0 129.2



#28

Bromochloromethane

Concen: 17.823 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

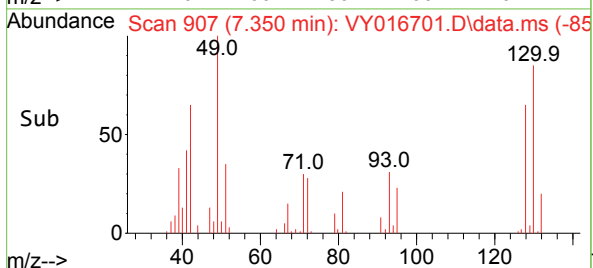
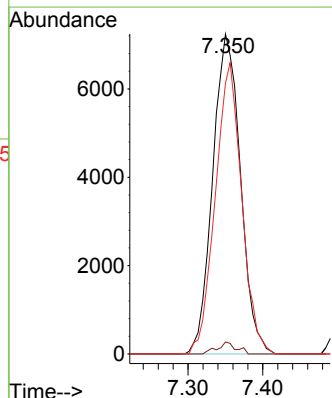
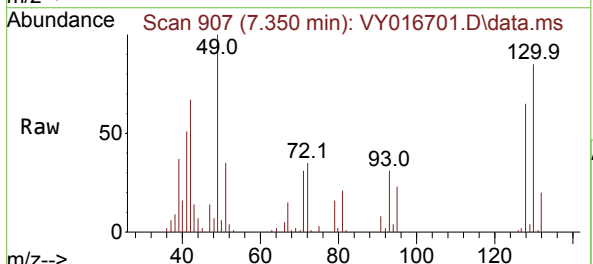
Tgt Ion: 49 Resp: 18672

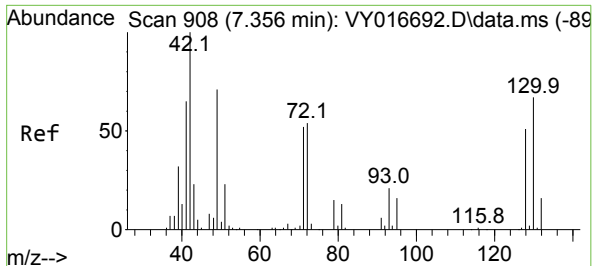
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.2

130 86.6 75.9 113.9





#29

Tetrahydrofuran

Concen: 94.457 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

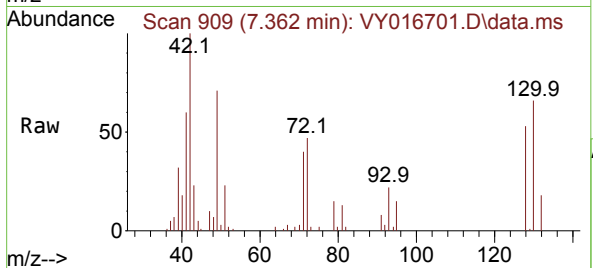
Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :



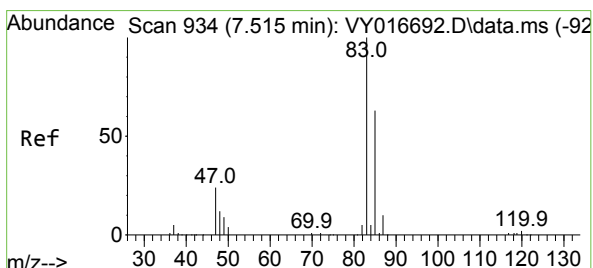
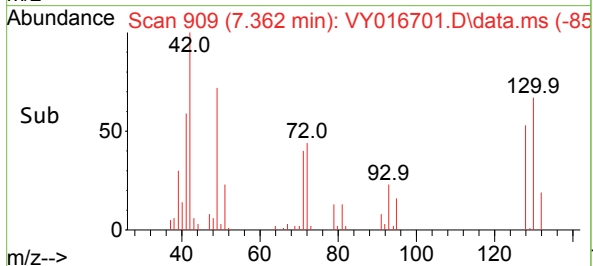
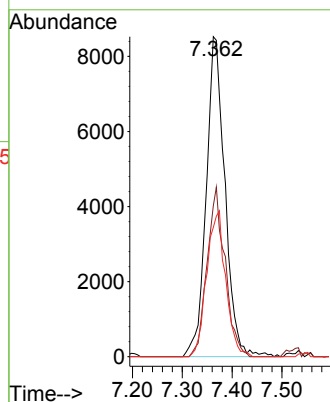
Tgt Ion: 42 Resp: 22260

Ion Ratio Lower Upper

42 100

72 50.9 40.3 60.5

71 46.3 38.9 58.3



#30

Chloroform

Concen: 20.089 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY016701.D

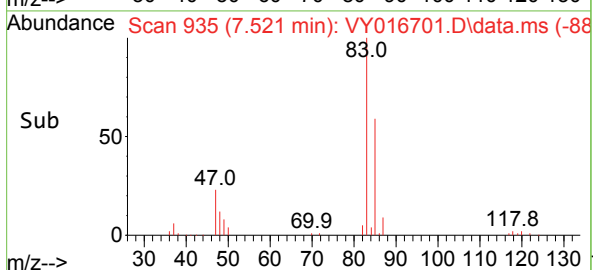
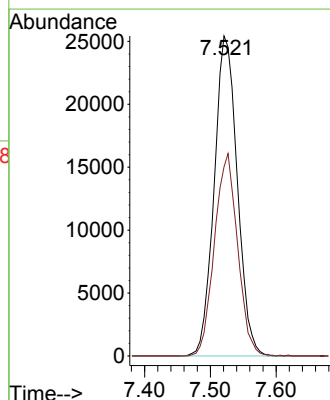
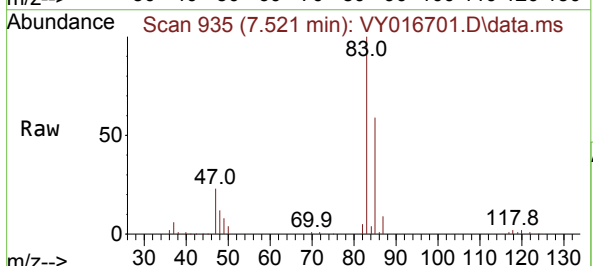
Acq: 19 Dec 2023 18:30

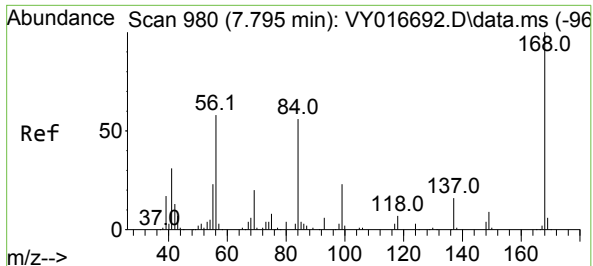
Tgt Ion: 83 Resp: 62183

Ion Ratio Lower Upper

83 100

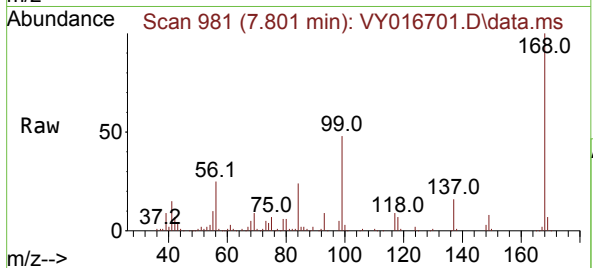
85 59.1 52.6 78.8



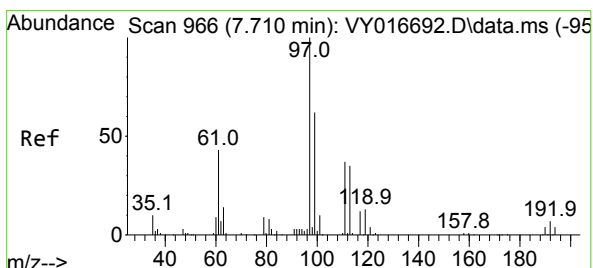
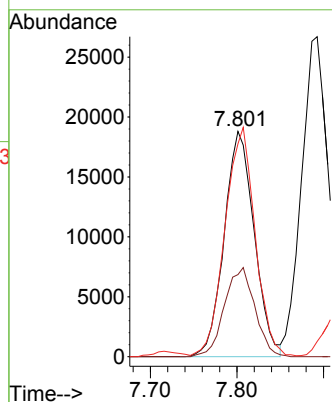
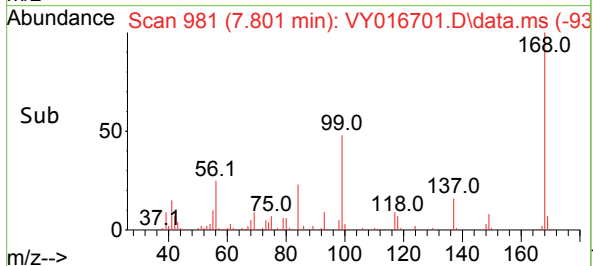


#31
Cyclohexane
Concen: 19.069 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

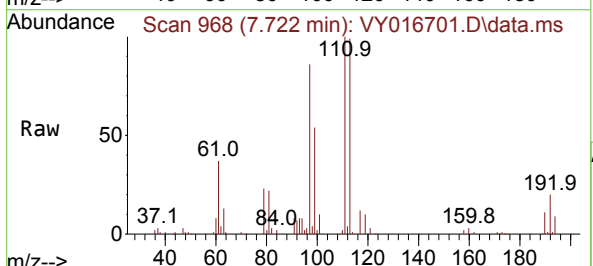
Instrument :
MSVOA_Y
ClientSampleId :



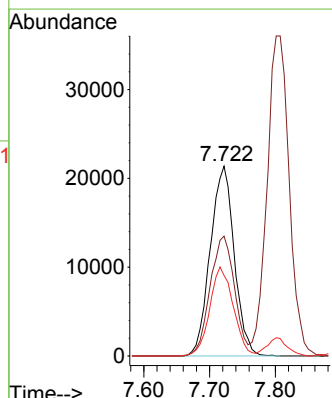
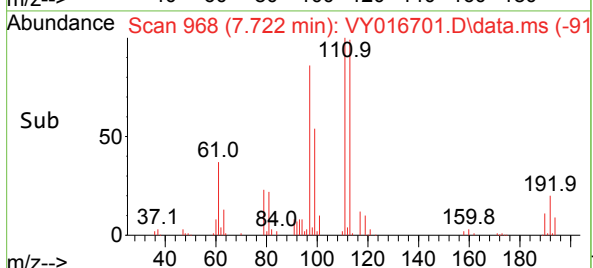
Tgt Ion: 56 Resp: 45431
Ion Ratio Lower Upper
56 100
69 36.4 27.5 41.3
84 93.0 78.1 117.1

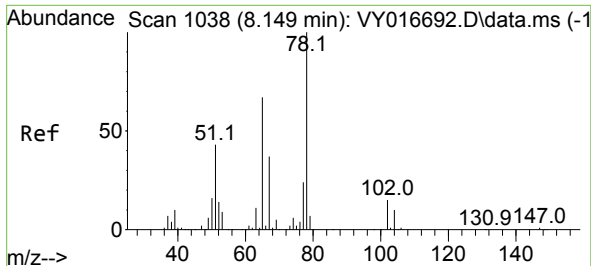


#32
1,1,1-Trichloroethane
Concen: 19.723 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30



Tgt Ion: 97 Resp: 54209
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 46.2 31.6 47.4

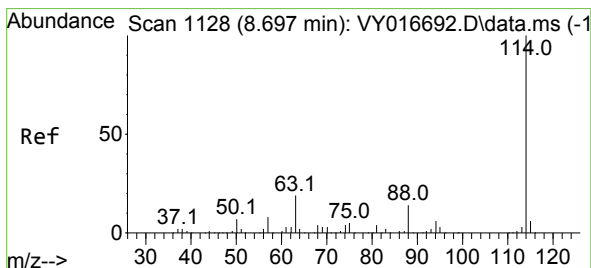
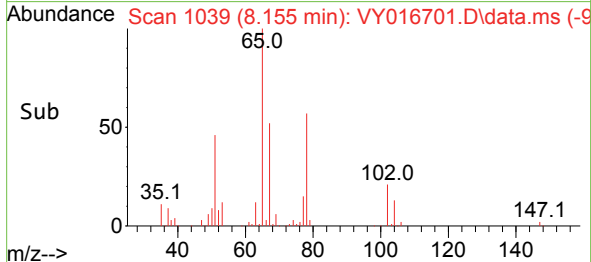
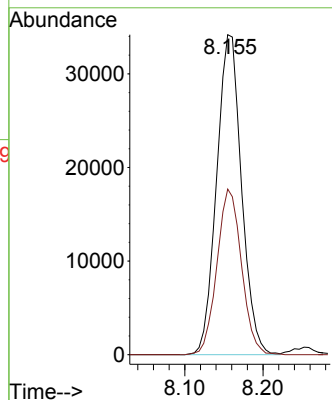
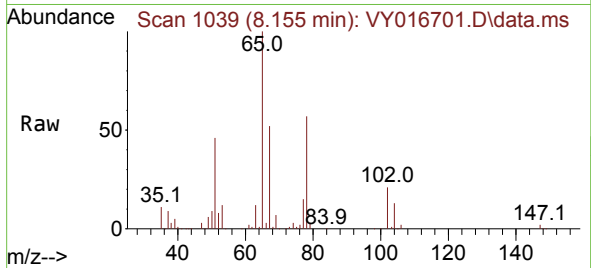




#33
1,2-Dichloroethane-d4
Concen: 51.954 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

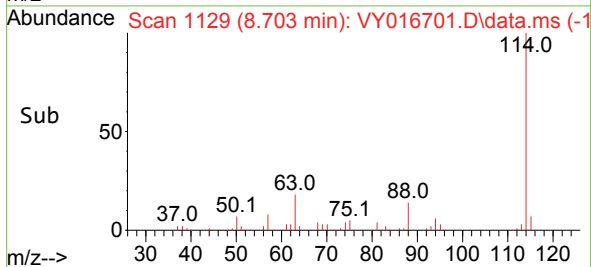
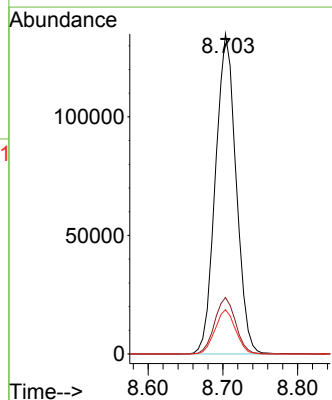
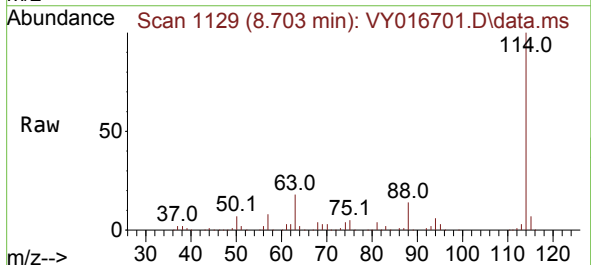
Instrument :
MSVOA_Y
ClientSampleId :

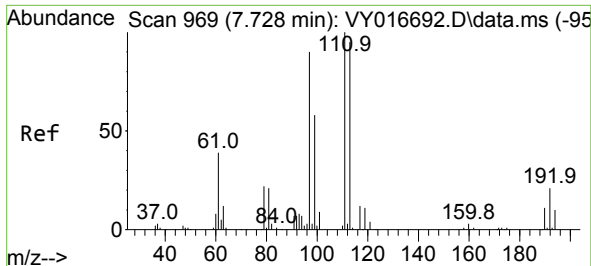
Tgt Ion: 65 Resp: 75624
Ion Ratio Lower Upper
65 100
67 50.9 0.0 108.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

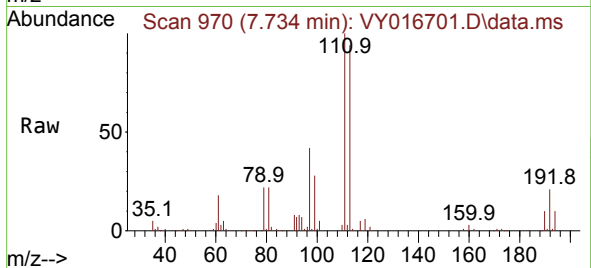
Tgt Ion: 114 Resp: 259153
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.0
88 13.9 0.0 29.2



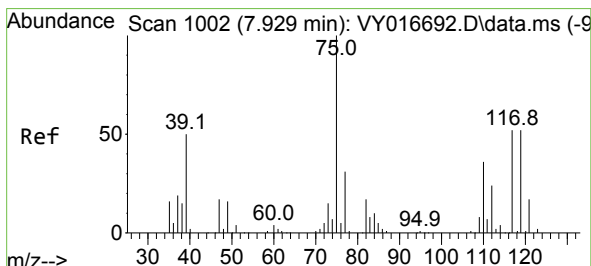
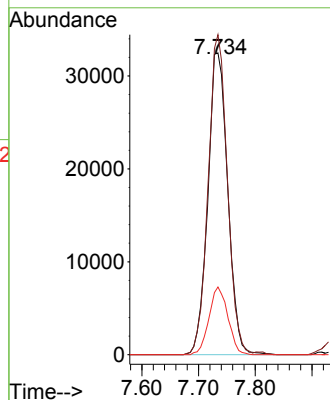
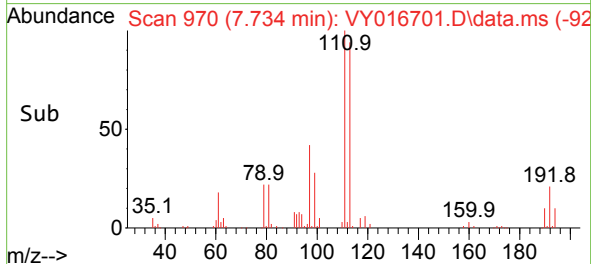


#35
Dibromofluoromethane
Concen: 51.995 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

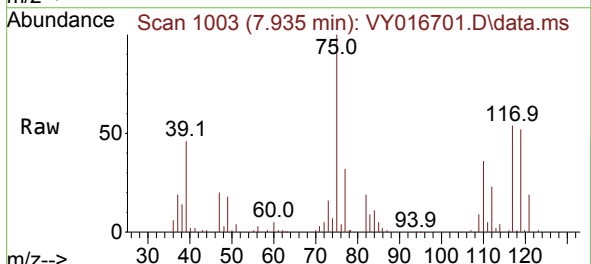
Instrument :
MSVOA_Y
ClientSampleId :



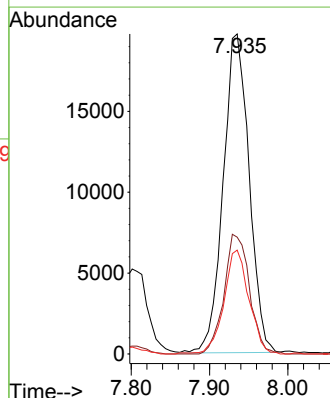
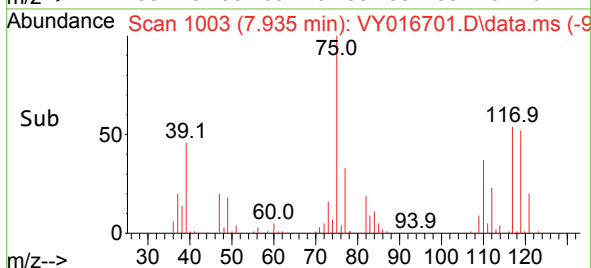
Tgt Ion:113 Resp: 79361
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 21.3 16.2 24.4

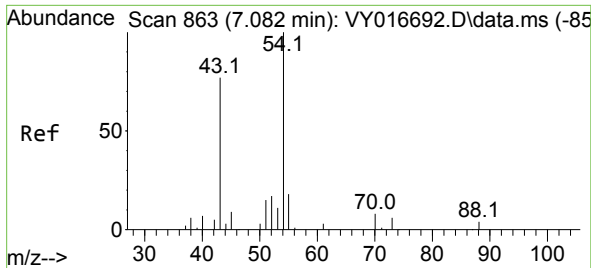


#36
1,1-Dichloropropene
Concen: 19.628 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30



Tgt Ion: 75 Resp: 45316
Ion Ratio Lower Upper
75 100
110 36.8 18.9 56.9
77 31.6 25.3 37.9

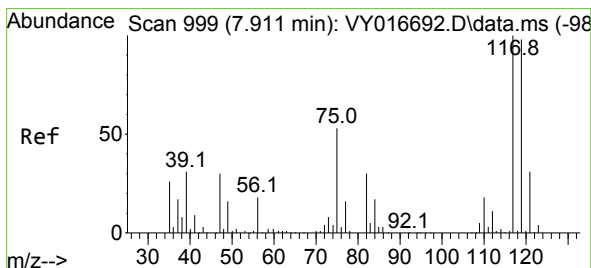
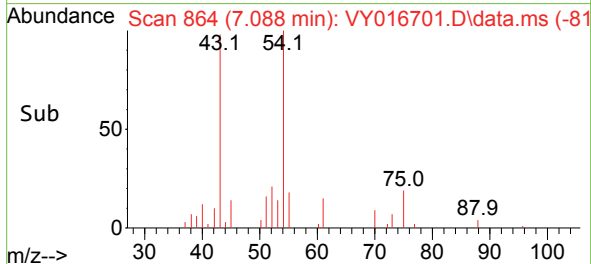
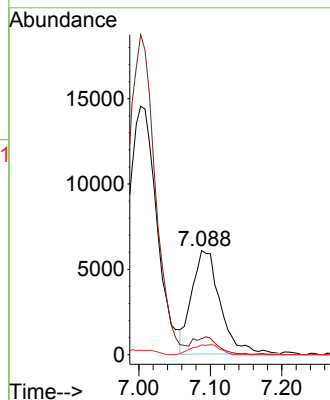
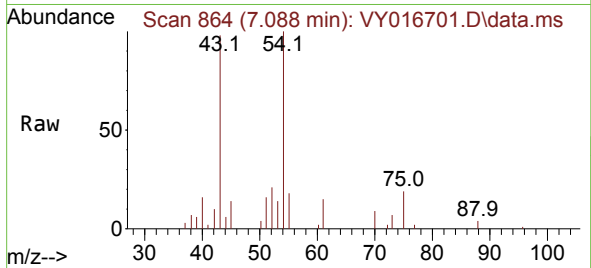




#37
Ethyl Acetate
Concen: 18.934 ug/l
RT: 7.088 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

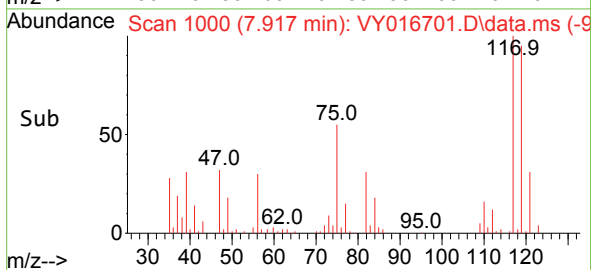
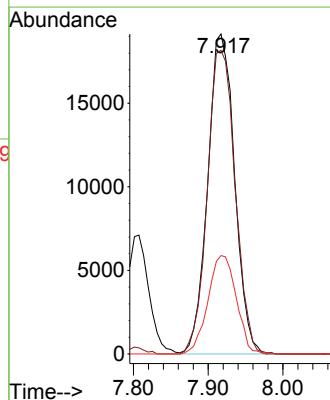
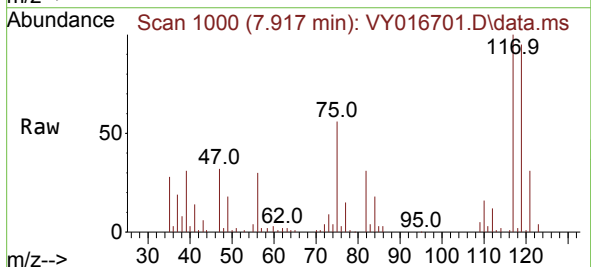
Instrument :
MSVOA_Y
ClientSampleId :

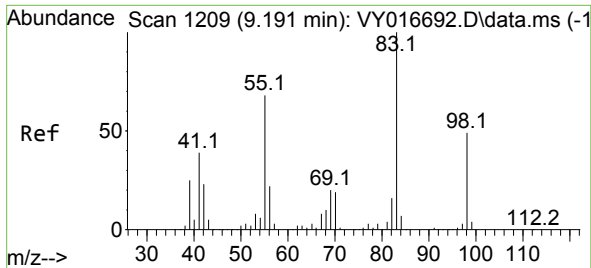
Tgt Ion: 43	Resp:	16743
Ion Ratio	Lower	Upper
43	100	
61	14.6	13.0 19.4
70	9.5	9.9 14.9#



#38
Carbon Tetrachloride
Concen: 19.196 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 117	Resp:	47821
Ion Ratio	Lower	Upper
117	100	
119	94.9	75.0 112.4
121	30.8	24.2 36.4

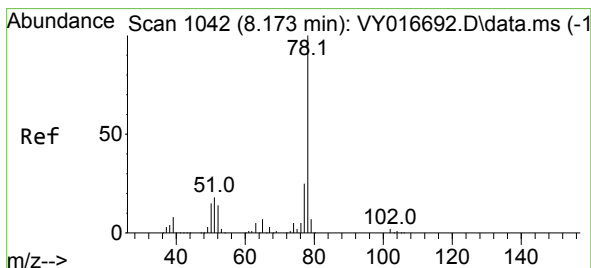
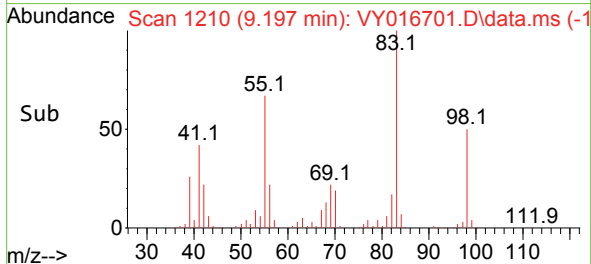
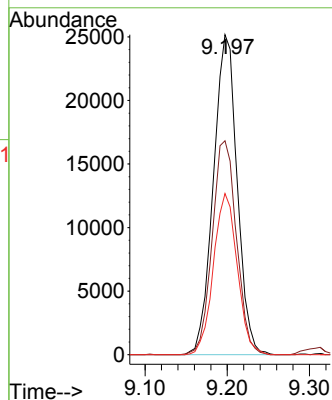
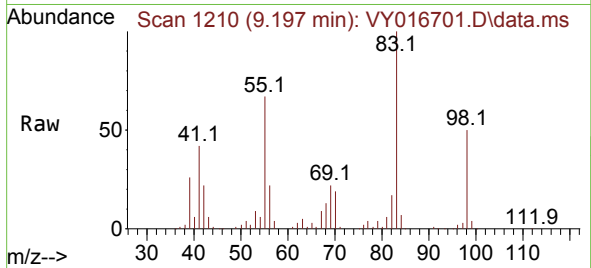




#39
Methylcyclohexane
Concen: 19.051 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

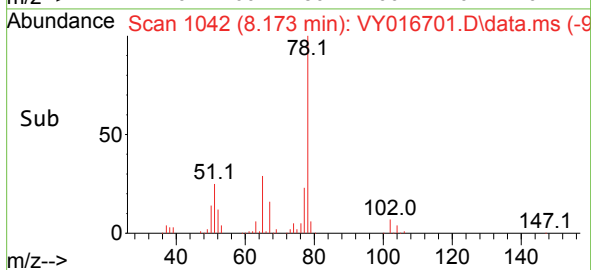
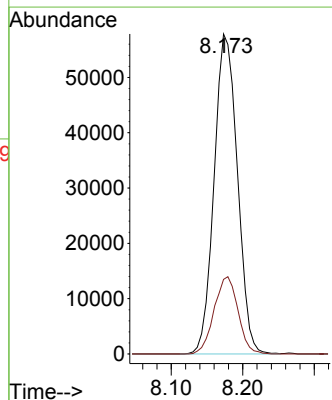
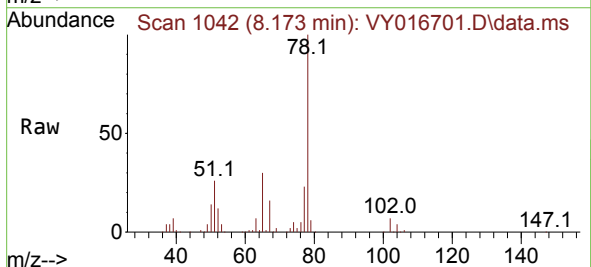
Instrument :
MSVOA_Y
ClientSampleId :

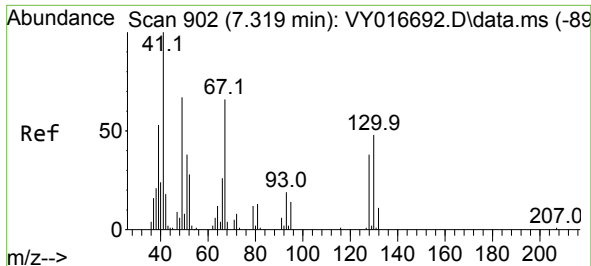
Tgt Ion: 83 Resp: 50640
Ion Ratio Lower Upper
83 100
55 66.9 54.6 81.8
98 50.3 40.1 60.1



#40
Benzene
Concen: 19.721 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

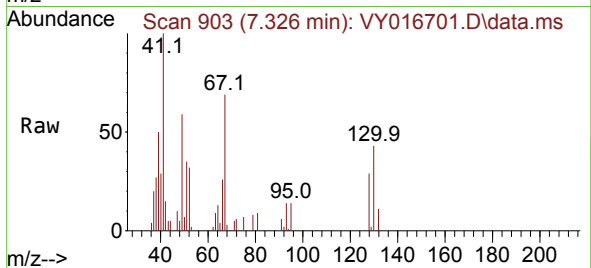
Tgt Ion: 78 Resp: 130817
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



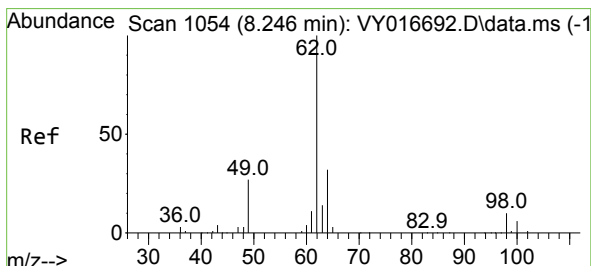
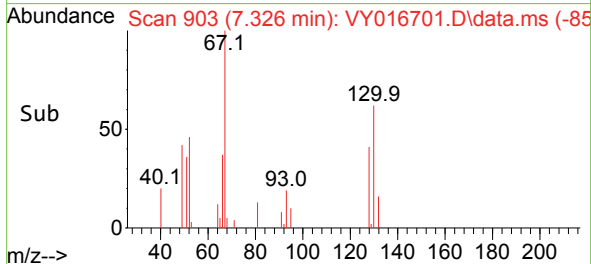
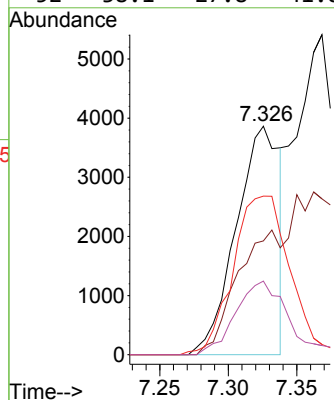


#41
Methacrylonitrile
Concen: 18.227 ug/l
RT: 7.326 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Instrument :
MSVOA_Y
ClientSampleId :

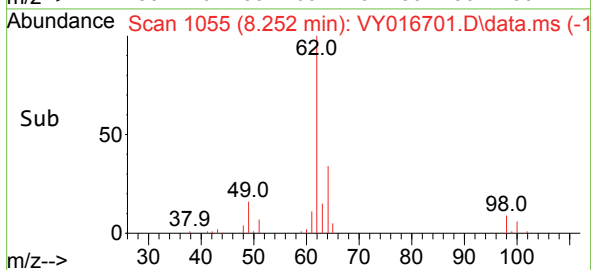
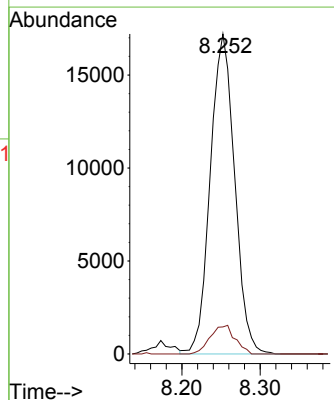
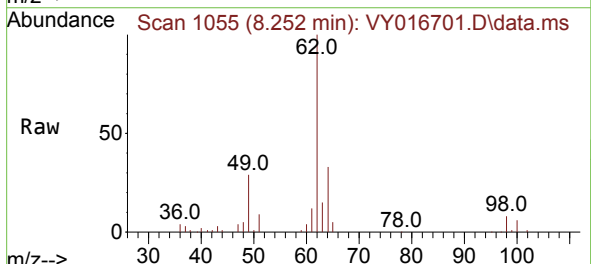


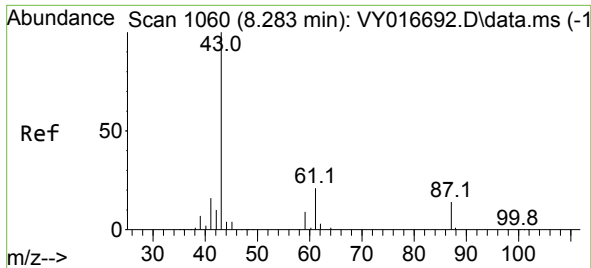
Tgt Ion: 41 Resp: 8560
Ion Ratio Lower Upper
41 100
39 0.0 47.8 71.6#
67 91.1 74.9 112.3
52 38.1 27.8 41.8



#42
1,2-Dichloroethane
Concen: 19.821 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 62 Resp: 37205
Ion Ratio Lower Upper
62 100
98 9.1 0.0 22.4

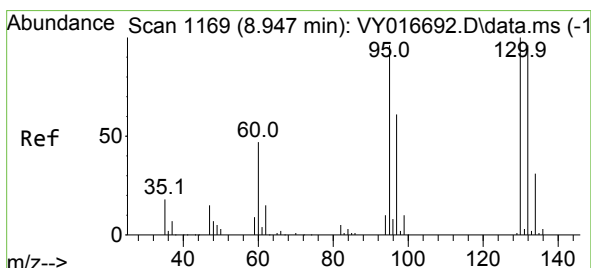
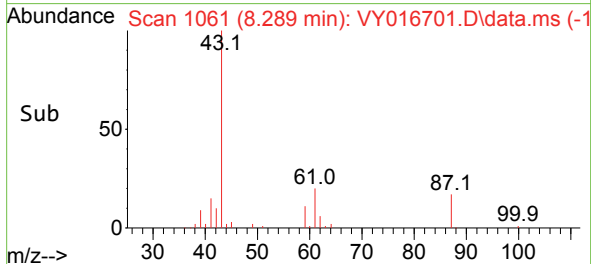
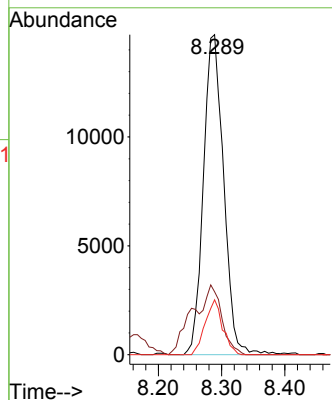
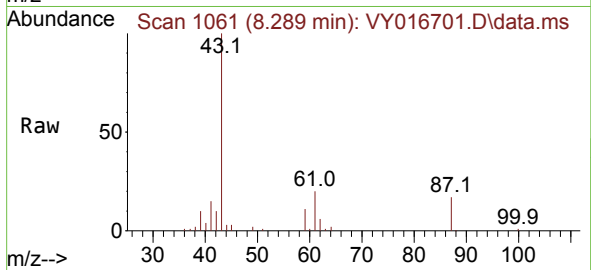




#43
Isopropyl Acetate
Concen: 19.245 ug/l
RT: 8.289 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

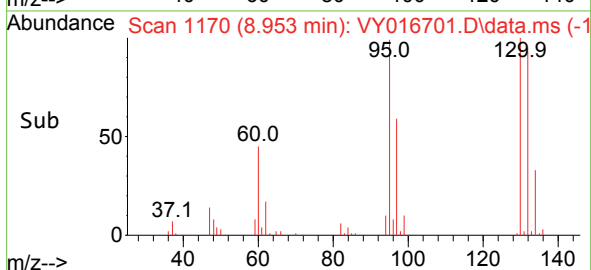
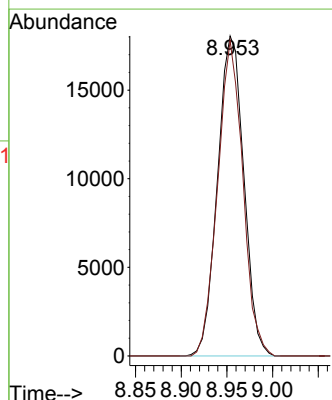
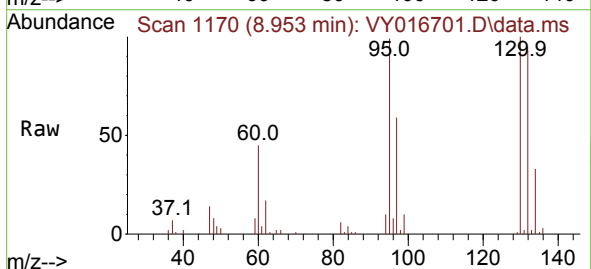
Instrument :
MSVOA_Y
ClientSampleId :

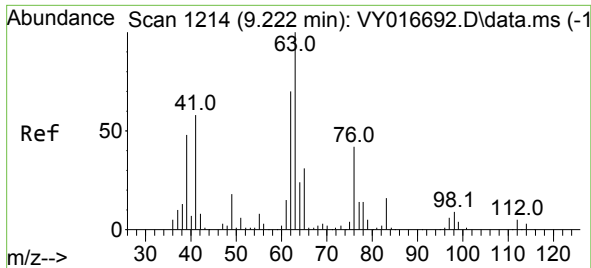
Tgt Ion: 43 Resp: 32686
Ion Ratio Lower Upper
43 100
61 19.0 27.4 41.0#
87 14.9 13.2 19.8



#44
Trichloroethene
Concen: 19.822 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion:130 Resp: 36185
Ion Ratio Lower Upper
130 100
95 98.5 0.0 189.2

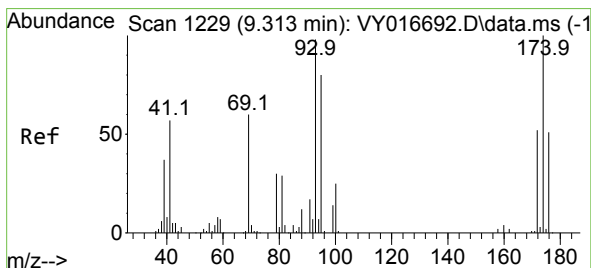
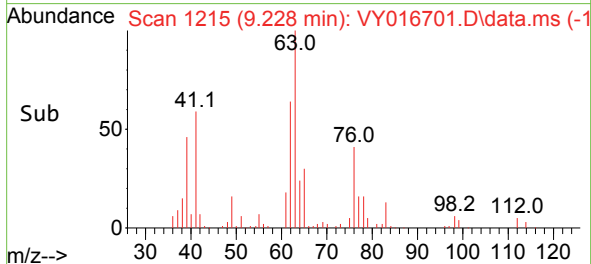
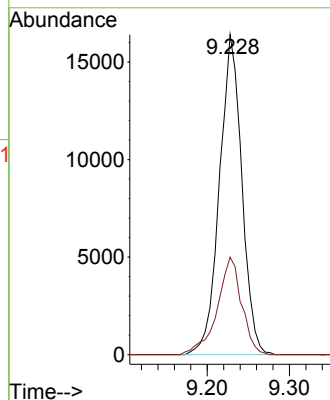
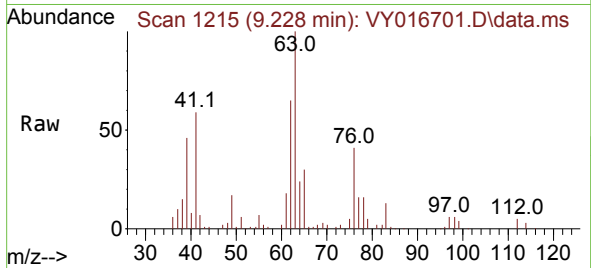




#45
1,2-Dichloropropane
Concen: 19.560 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

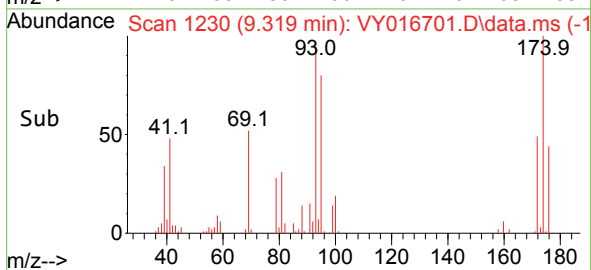
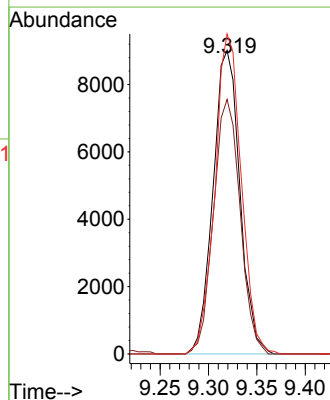
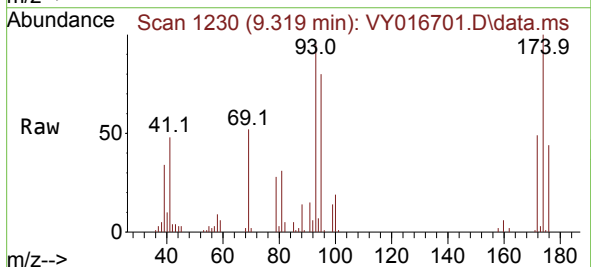
Instrument :
MSVOA_Y
ClientSampleId :

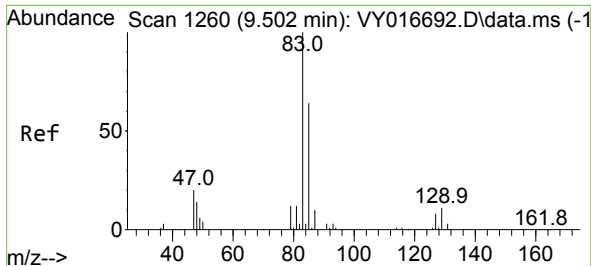
Tgt Ion: 63 Resp: 31012
Ion Ratio Lower Upper
63 100
65 30.5 24.0 36.0



#46
Dibromomethane
Concen: 19.355 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 93 Resp: 17329
Ion Ratio Lower Upper
93 100
95 83.5 66.9 100.3
174 103.8 85.2 127.8

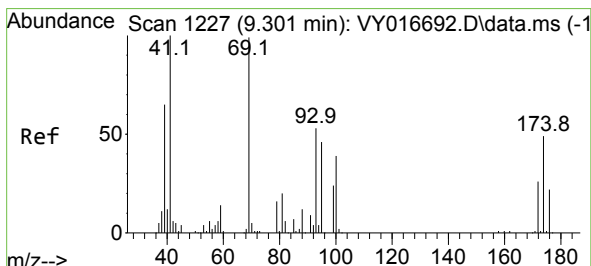
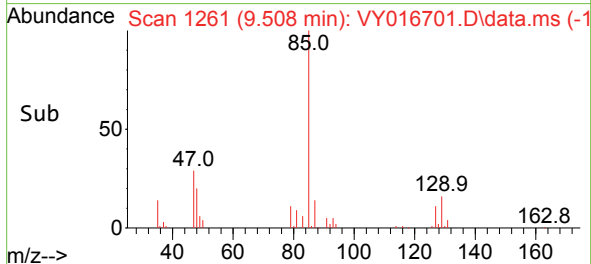
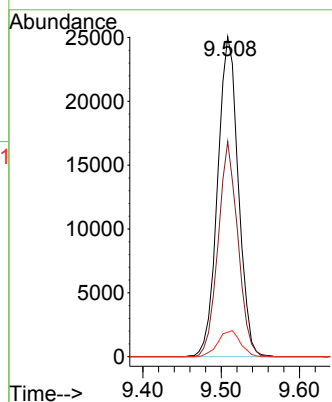
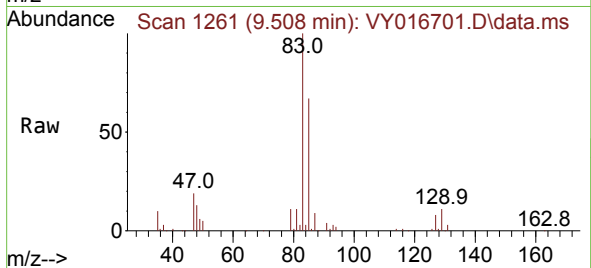




#47
Bromodichloromethane
Concen: 19.663 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

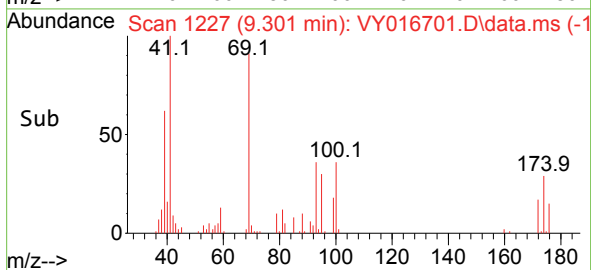
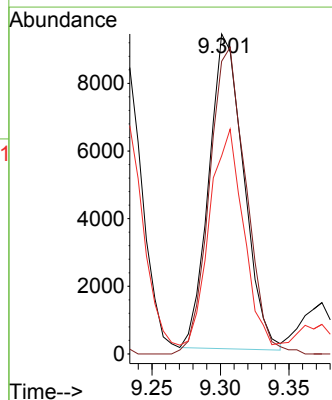
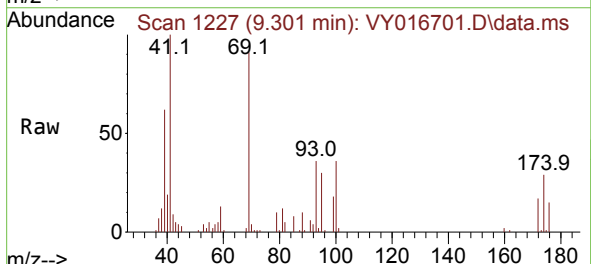
Instrument :
MSVOA_Y
ClientSampleId :

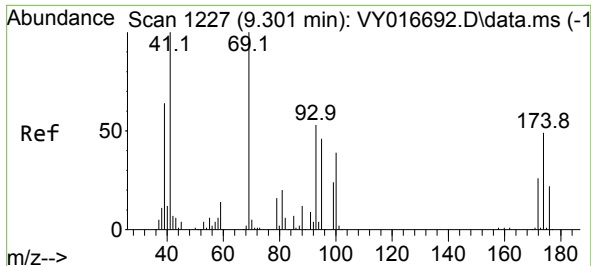
Tgt Ion: 83 Resp: 45967
Ion Ratio Lower Upper
83 100
85 67.3 51.4 77.0
127 7.7 7.3 10.9



#48
Methyl methacrylate
Concen: 17.850 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 41 Resp: 16449
Ion Ratio Lower Upper
41 100
69 101.8 85.5 128.3
39 72.7 40.9 61.3





#49

1,4-Dioxane

Concen: 378.968 ug/l

RT: 9.319 min Scan# 1227

Delta R.T. 0.018 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

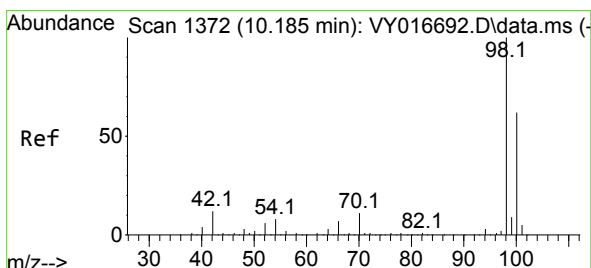
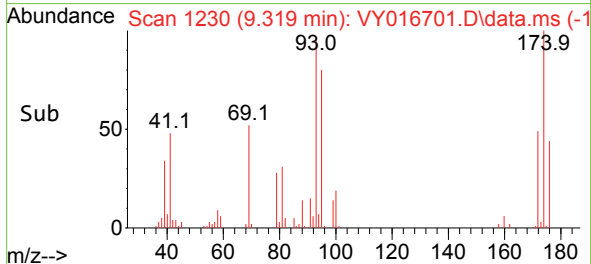
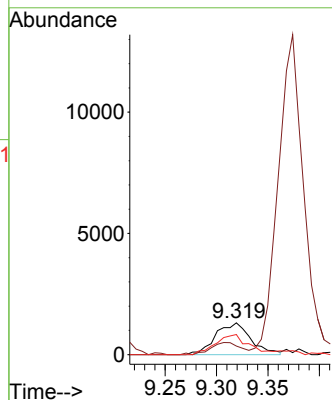
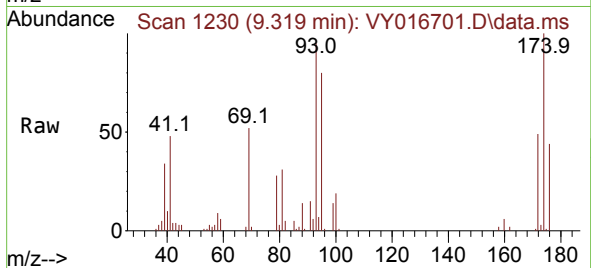
Tgt Ion: 88 Resp: 3124

Ion Ratio Lower Upper

88 100

43 32.5 0.0 0.0#

58 60.0 54.0 81.0



#50

Toluene-d8

Concen: 54.101 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY016701.D

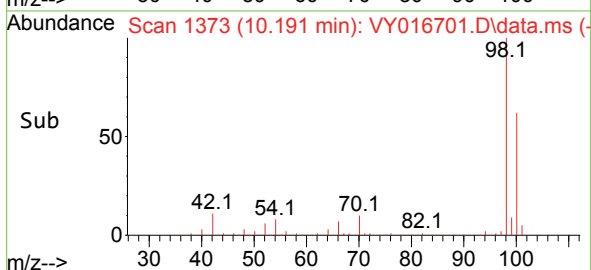
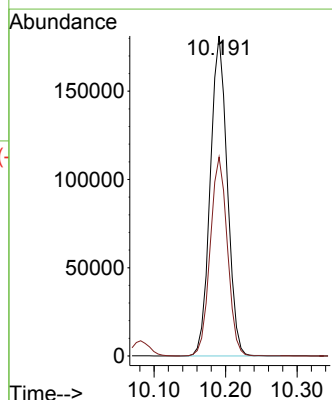
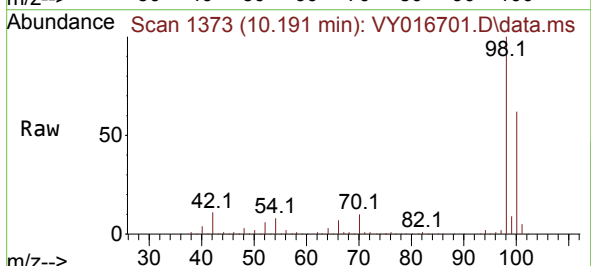
Acq: 19 Dec 2023 18:30

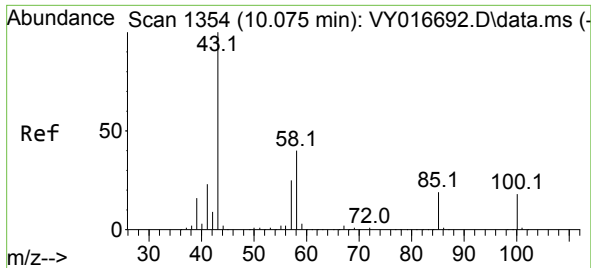
Tgt Ion: 98 Resp: 299052

Ion Ratio Lower Upper

98 100

100 62.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 92.789 ug/l

RT: 10.081 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

MSVOA_Y

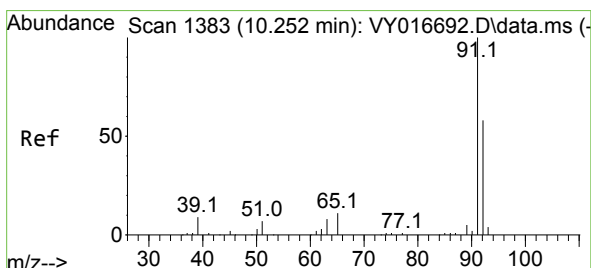
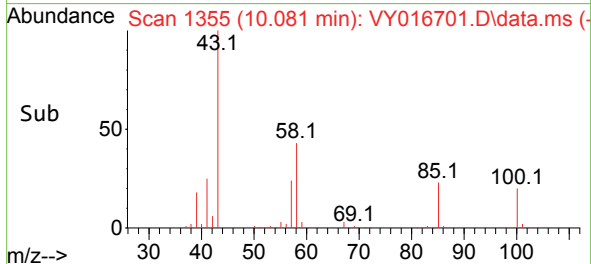
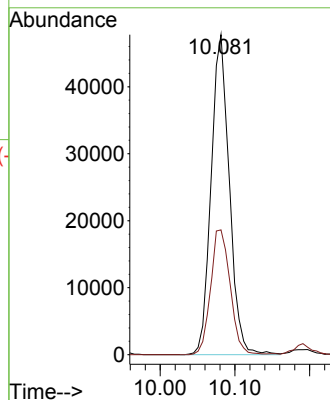
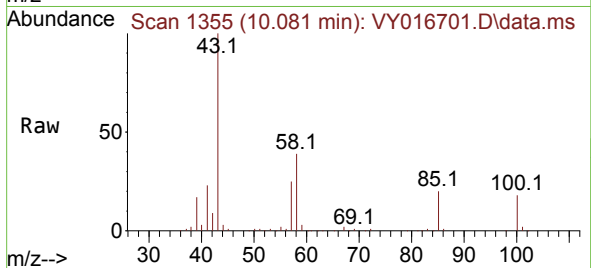
ClientSampleId :

Tgt Ion: 43 Resp: 80886

Ion Ratio Lower Upper

43 100

58 42.0 35.8 53.8



#52

Toluene

Concen: 19.830 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016701.D

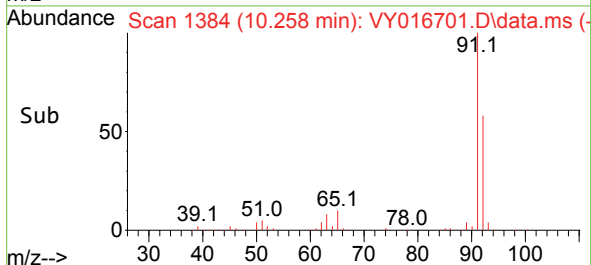
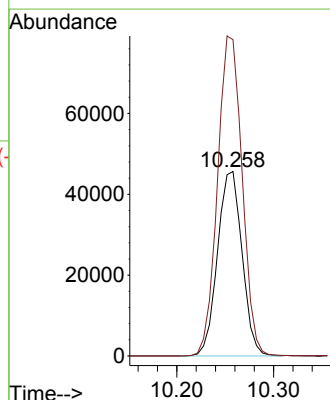
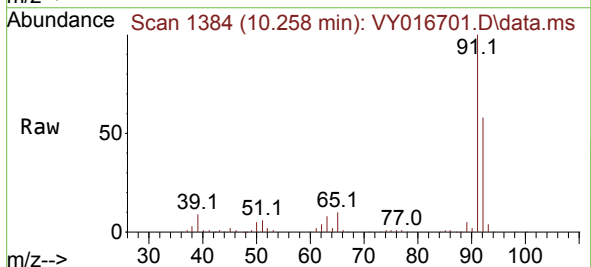
Acq: 19 Dec 2023 18:30

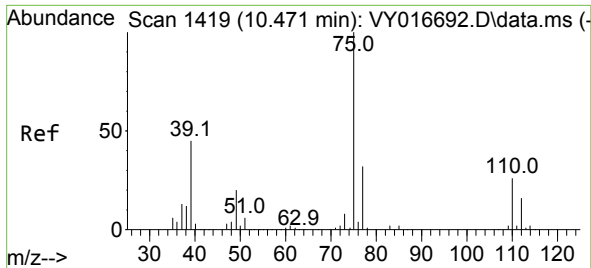
Tgt Ion: 92 Resp: 80485

Ion Ratio Lower Upper

92 100

91 174.0 136.3 204.5

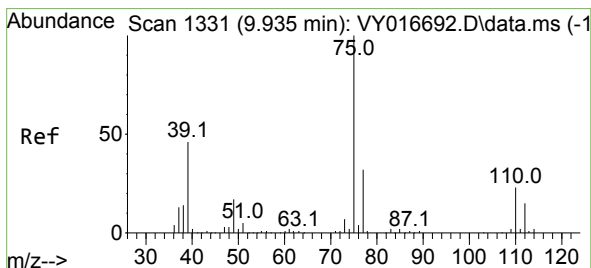
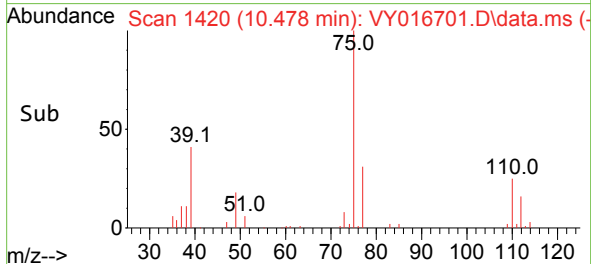
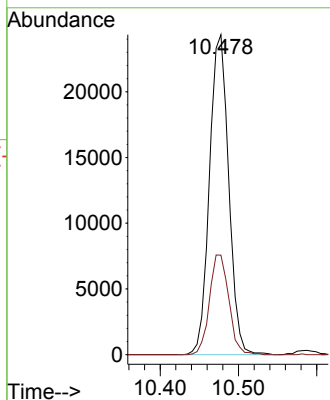
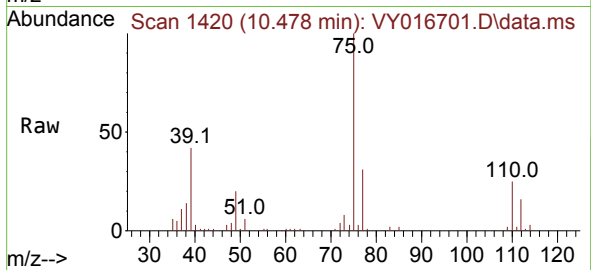




#53
t-1,3-Dichloropropene
Concen: 19.807 ug/l
RT: 10.478 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

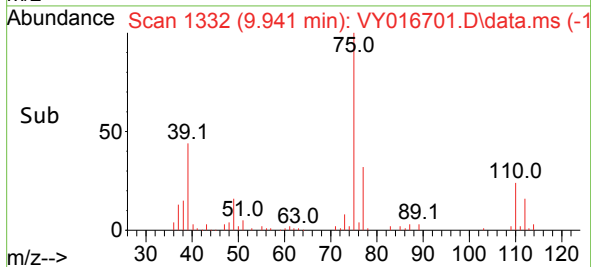
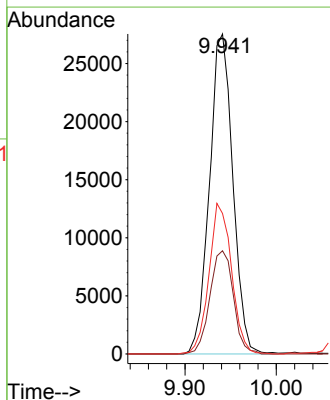
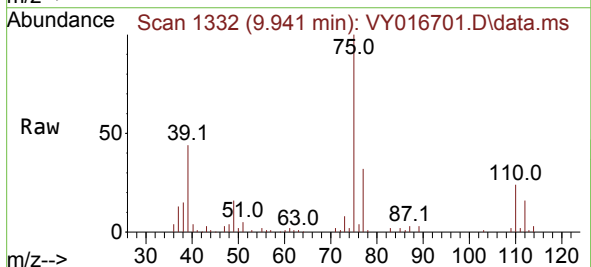
Instrument :
MSVOA_Y
ClientSampleId :

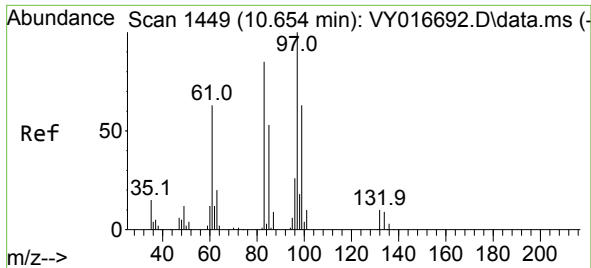
Tgt Ion: 75 Resp: 41459
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 19.727 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 75 Resp: 48927
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
39 43.9 29.7 44.5

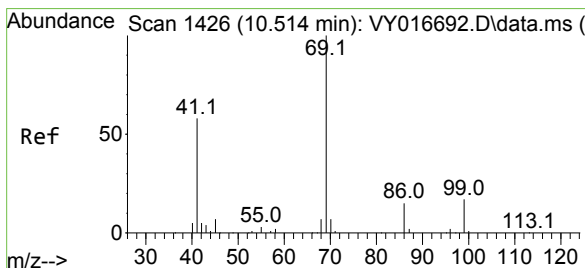
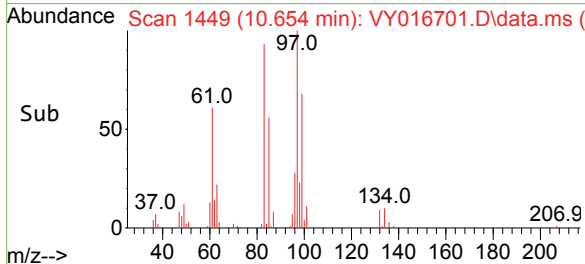
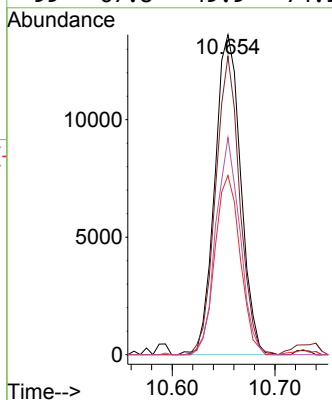
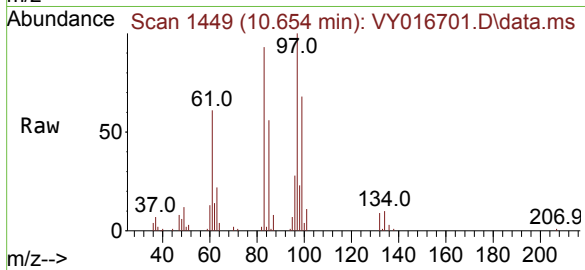




#55
1,1,2-Trichloroethane
Concen: 19.240 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

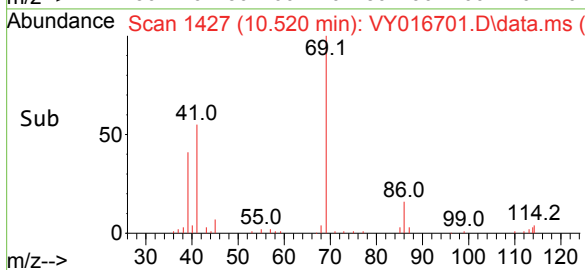
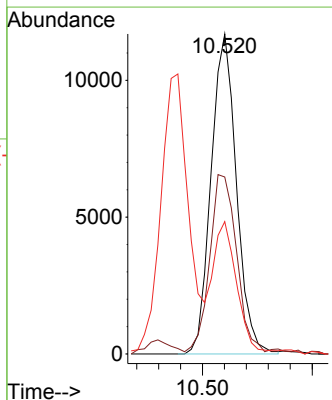
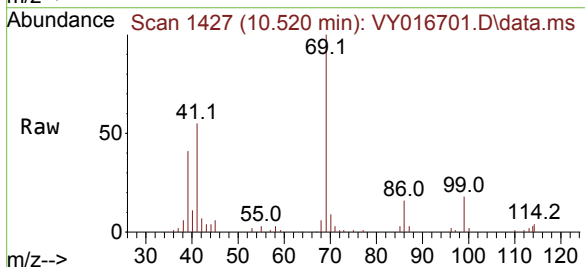
Instrument :
MSVOA_Y
ClientSampleId :

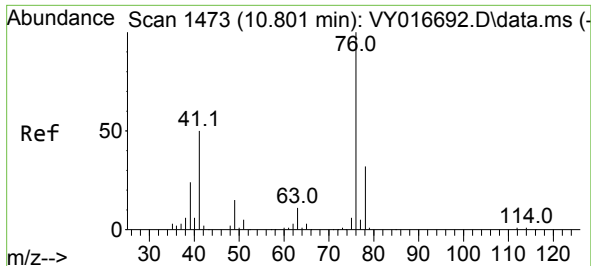
Tgt Ion:	97	Resp:	23796
Ion	Ratio	Lower	Upper
97	100		
83	93.3	65.8	98.6
85	56.0	43.4	65.2
99	67.8	49.9	74.9



#56
Ethyl methacrylate
Concen: 18.655 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion:	69	Resp:	18775
Ion	Ratio	Lower	Upper
69	100		
41	61.1	44.6	67.0
39	37.0	21.5	32.3





#57

1,3-Dichloropropane

Concen: 19.791 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

MSVOA_Y

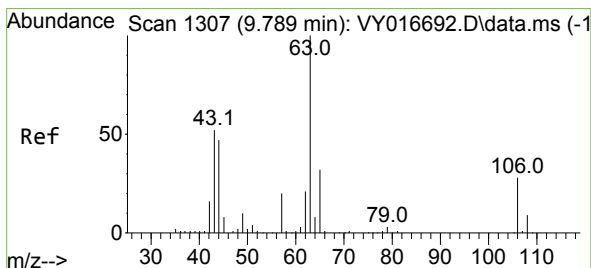
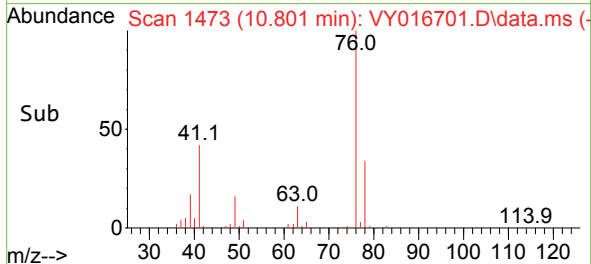
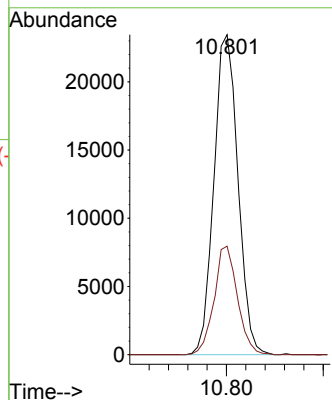
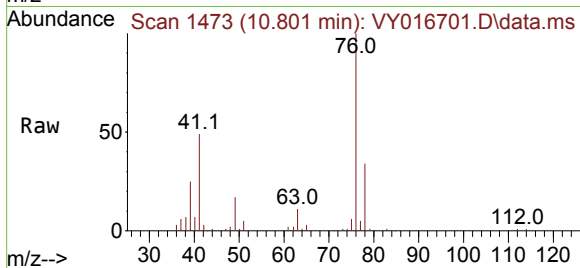
ClientSampleId :

Tgt Ion: 76 Resp: 40389

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 89.382 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY016701.D

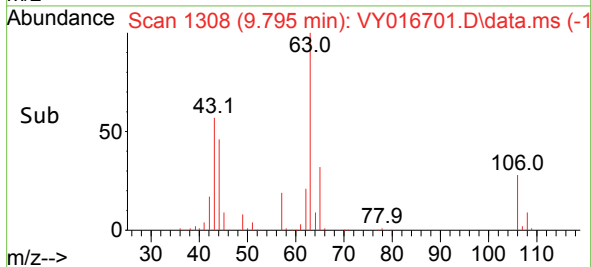
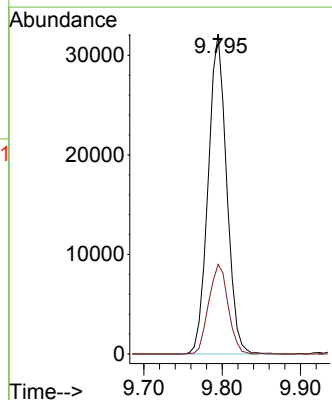
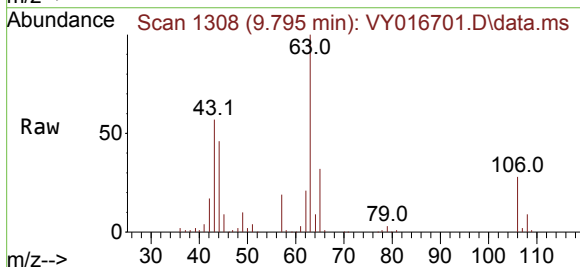
Acq: 19 Dec 2023 18:30

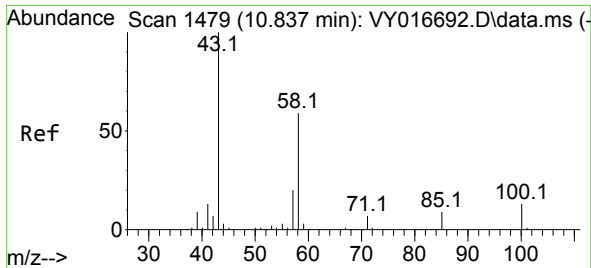
Tgt Ion: 63 Resp: 52506

Ion Ratio Lower Upper

63 100

106 29.3 25.4 38.2

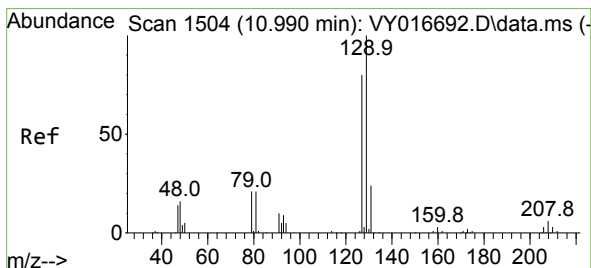
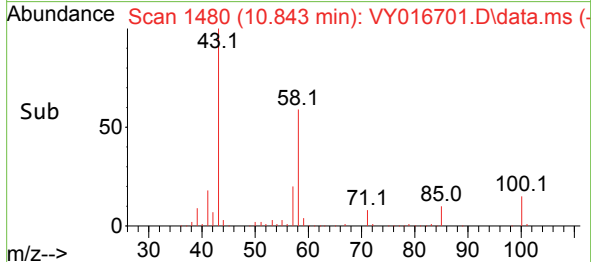
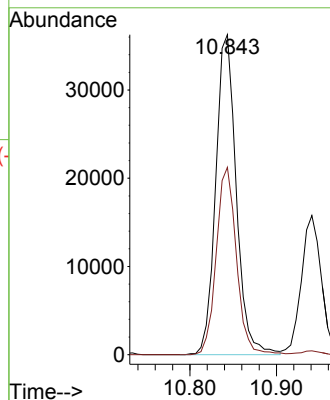
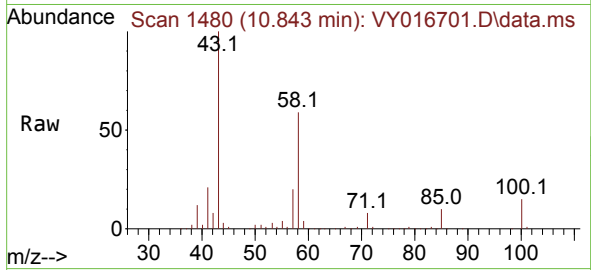




#59
2-Hexanone
Concen: 94.058 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

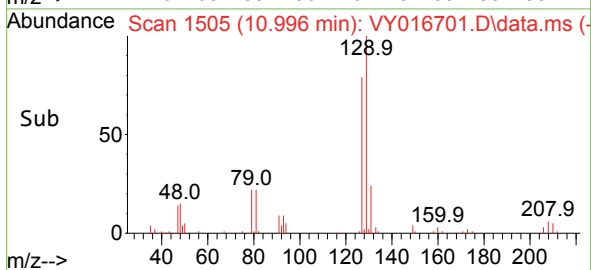
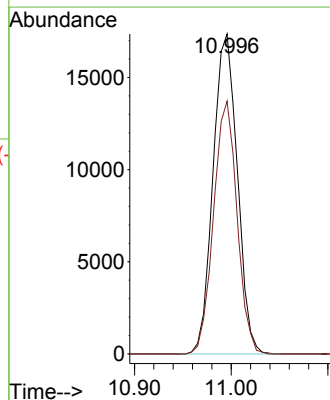
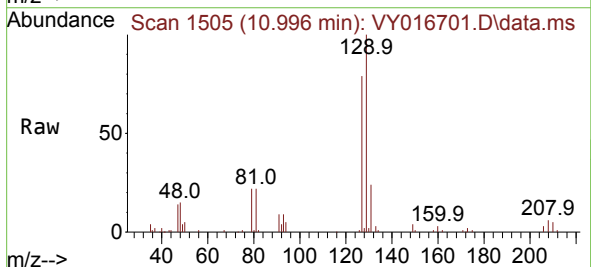
Instrument :
MSVOA_Y
ClientSampleId :

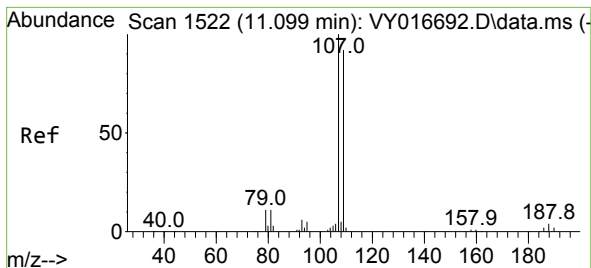
Tgt Ion: 43 Resp: 59737
Ion Ratio Lower Upper
43 100
58 57.5 30.8 92.4



#60
Dibromochloromethane
Concen: 20.112 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 129 Resp: 30201
Ion Ratio Lower Upper
129 100
127 76.5 38.0 113.9

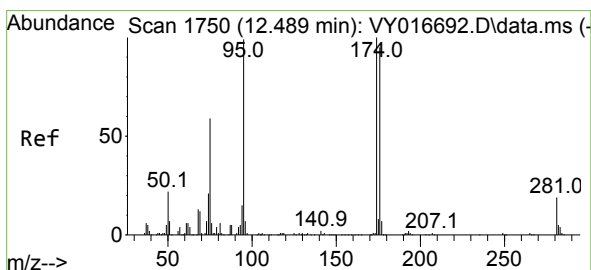
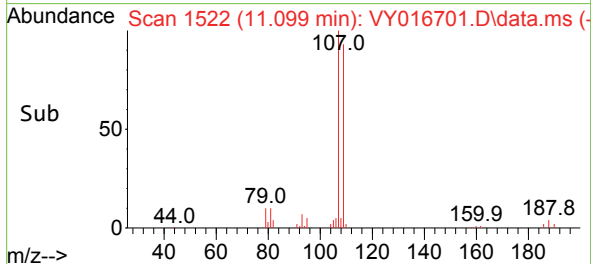
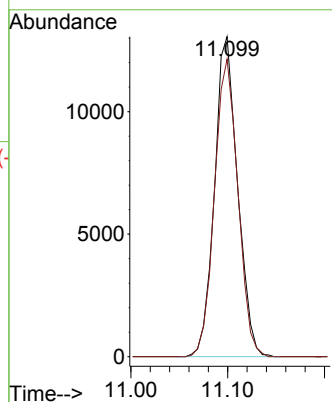
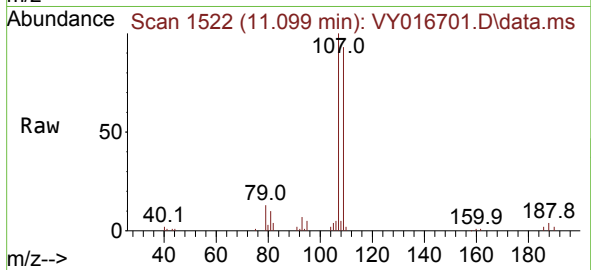




#61
1,2-Dibromoethane
Concen: 19.407 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

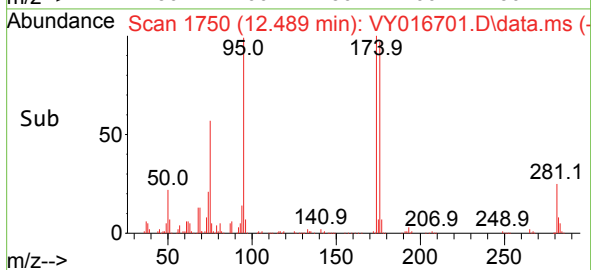
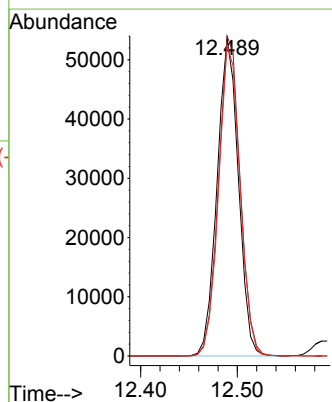
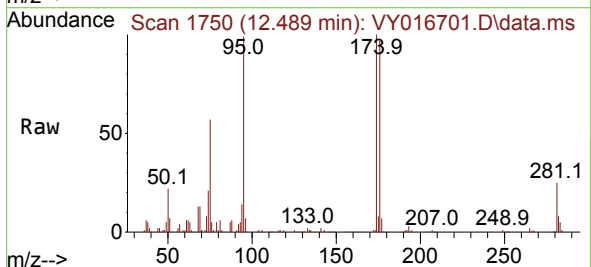
Instrument :
MSVOA_Y
ClientSampleId :

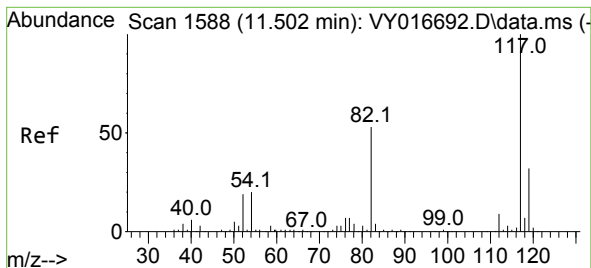
Tgt Ion:107 Resp: 21617
Ion Ratio Lower Upper
107 100
109 94.4 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 52.041 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 95 Resp: 81793
Ion Ratio Lower Upper
95 100
174 102.3 0.0 181.0
176 98.1 0.0 176.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

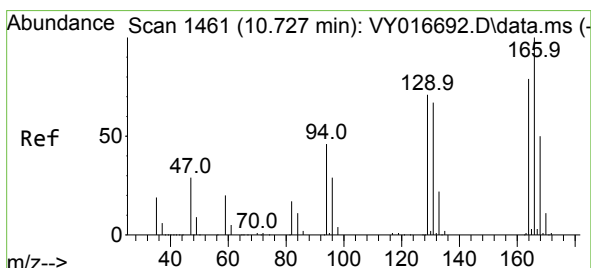
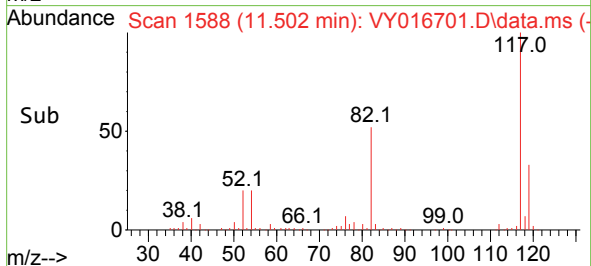
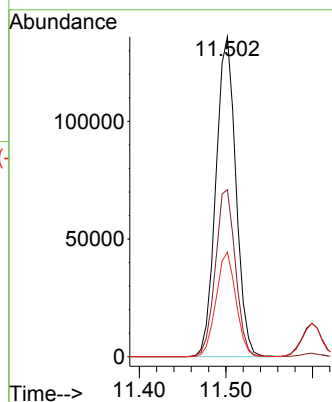
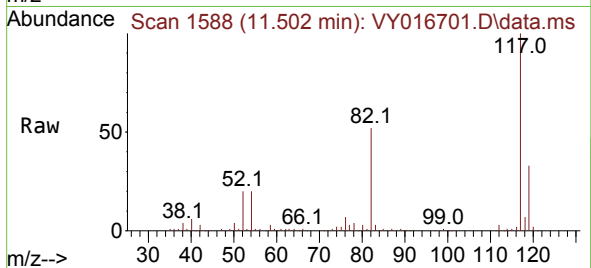
Tgt Ion:117 Resp: 217978

Ion Ratio Lower Upper

117 100

82 52.2 41.0 61.6

119 32.6 25.8 38.8



#64

Tetrachloroethene

Concen: 20.188 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Tgt Ion:164 Resp: 30354

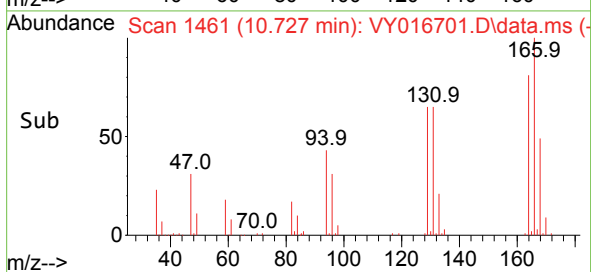
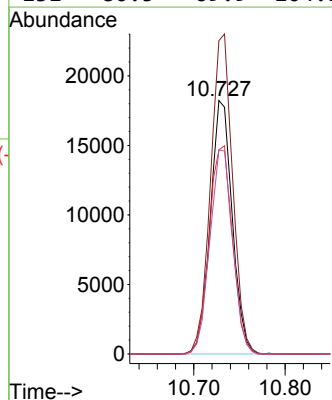
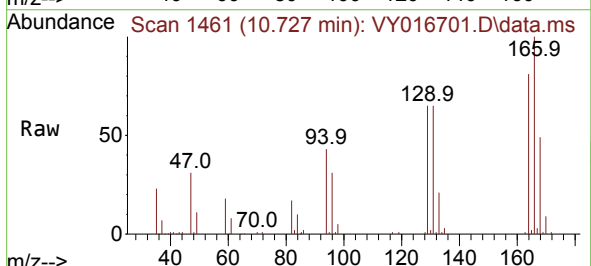
Ion Ratio Lower Upper

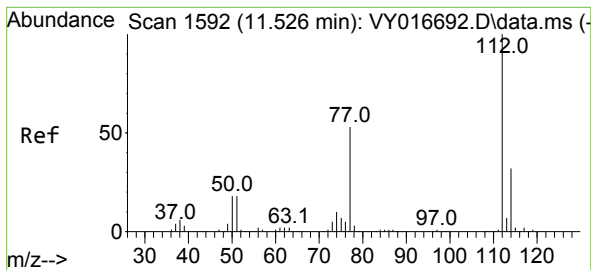
164 100

166 123.6 103.9 155.9

129 80.5 71.4 107.2

131 80.5 69.9 104.9

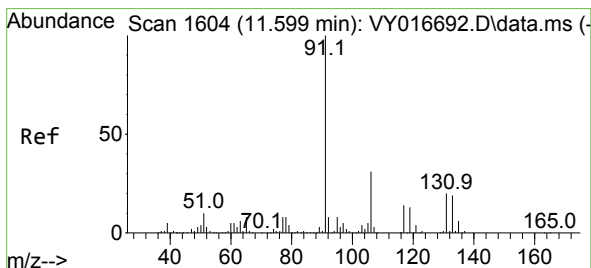
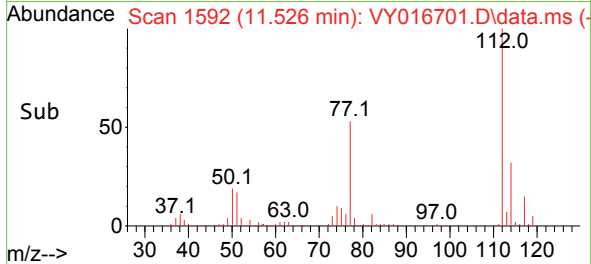
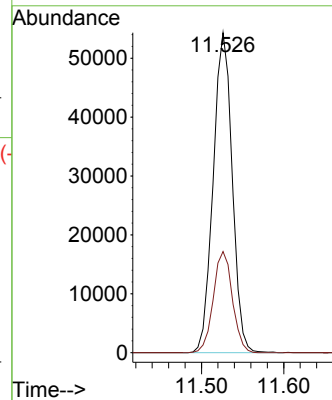
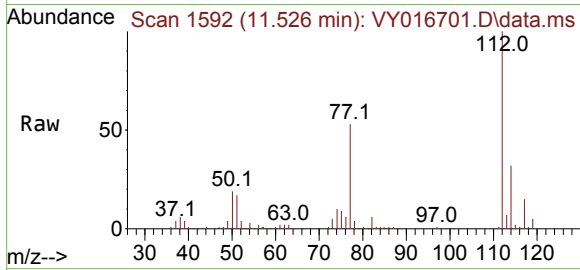




#65
Chlorobenzene
Concen: 20.191 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

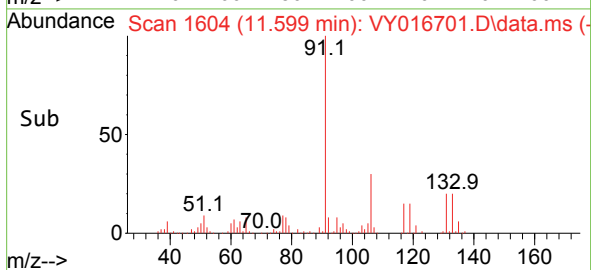
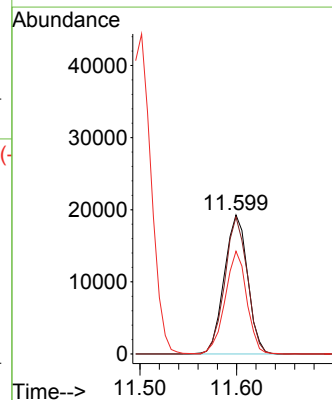
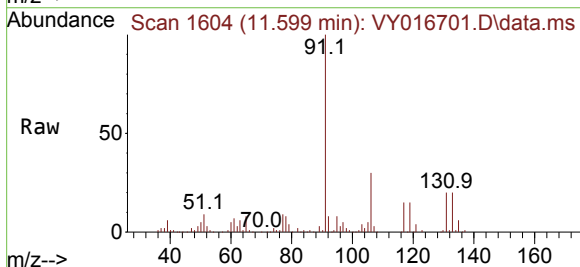
Instrument :
MSVOA_Y
ClientSampleId :

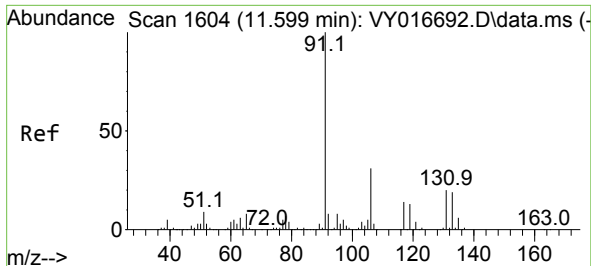
Tgt Ion:112 Resp: 87161
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.287 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion:131 Resp: 32255
Ion Ratio Lower Upper
131 100
133 95.2 48.5 145.6
119 68.8 32.9 98.7

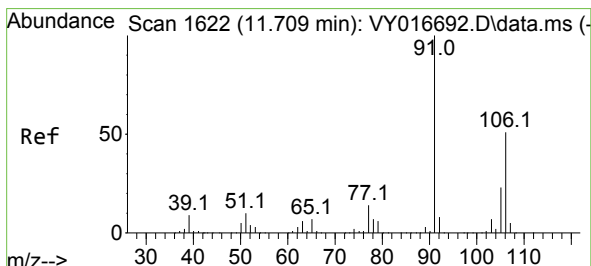
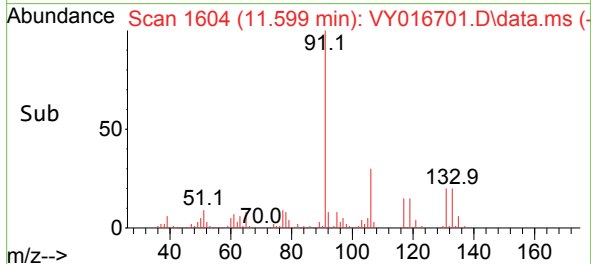
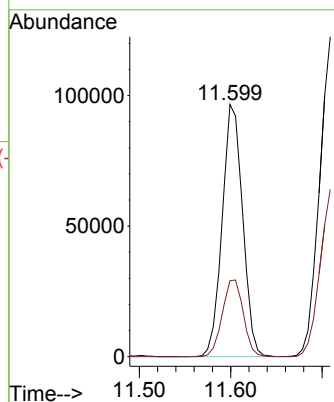
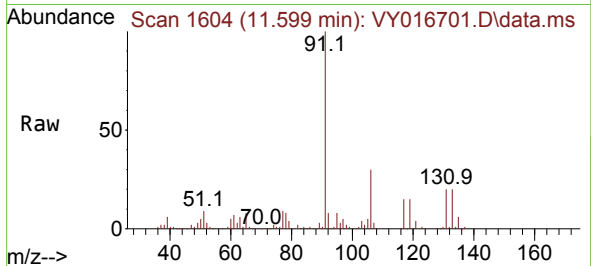




#67
Ethyl Benzene
Concen: 19.537 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

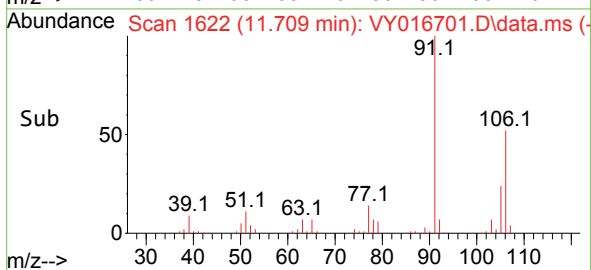
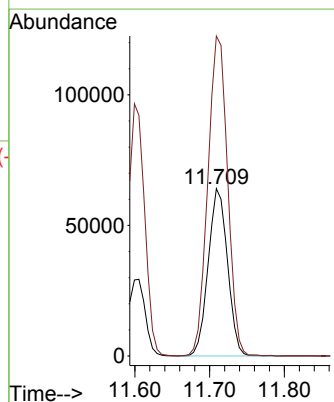
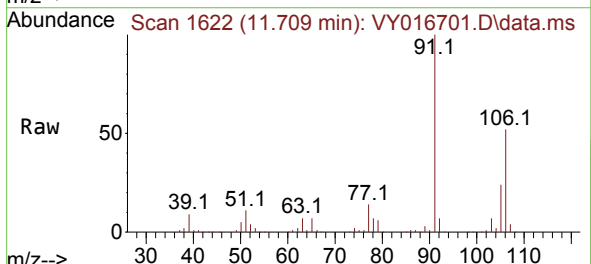
Instrument :
MSVOA_Y
ClientSampleId :

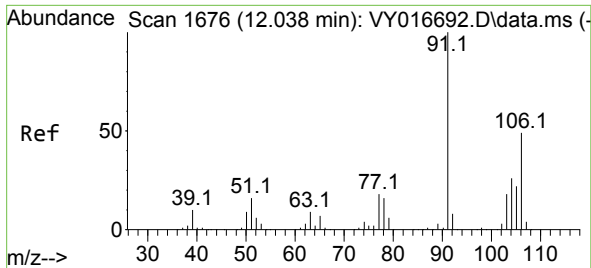
Tgt Ion: 91 Resp: 150664
Ion Ratio Lower Upper
91 100
106 30.1 24.7 37.1



#68
m/p-Xylenes
Concen: 39.294 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion:106 Resp: 114866
Ion Ratio Lower Upper
106 100
91 196.0 156.2 234.2

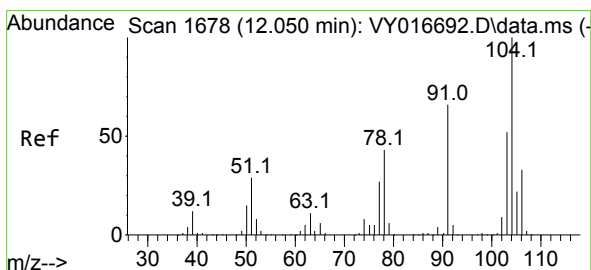
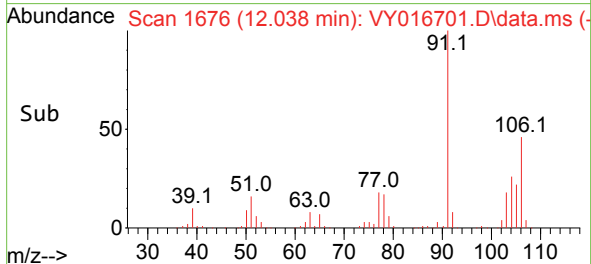
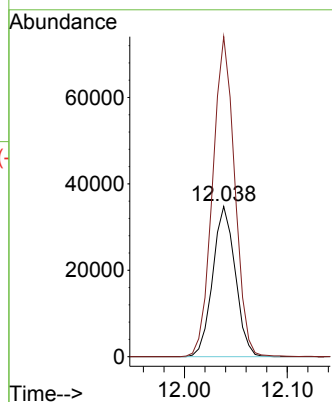
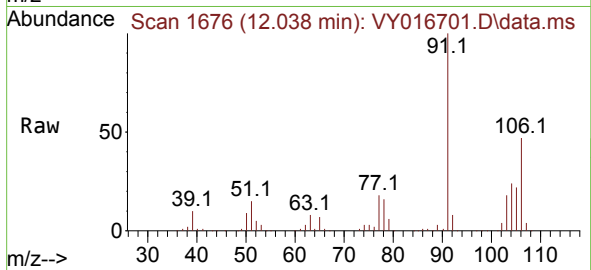




#69
o-Xylene
Concen: 19.804 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

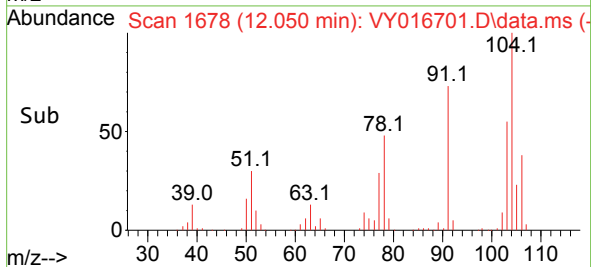
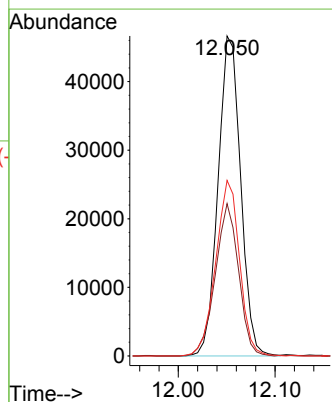
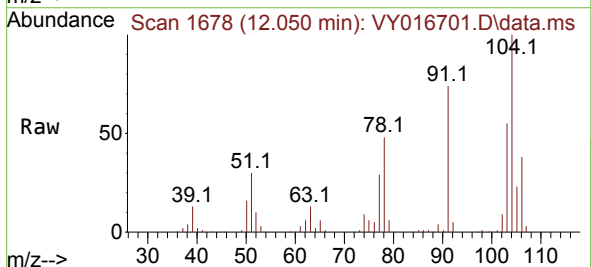
Instrument :
MSVOA_Y
ClientSampleId :

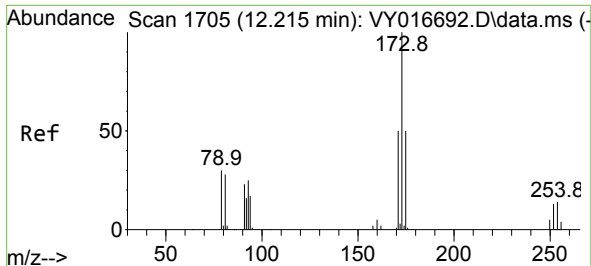
Tgt Ion:106 Resp: 52886
Ion Ratio Lower Upper
106 100
91 209.4 102.8 308.4



#70
Styrene
Concen: 19.579 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

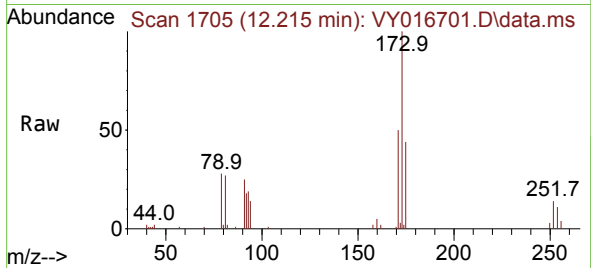
Tgt Ion:104 Resp: 75494
Ion Ratio Lower Upper
104 100
78 49.2 38.2 57.2
103 58.0 44.3 66.5



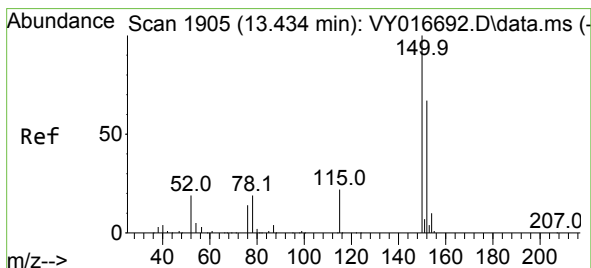
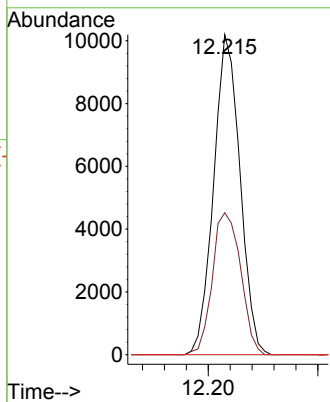
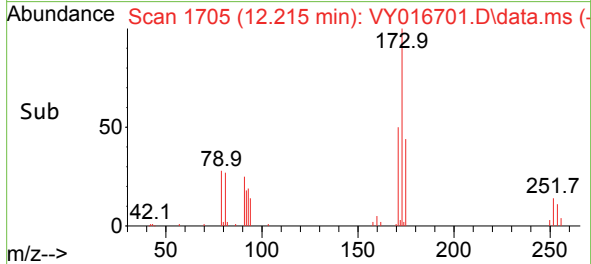


#71
Bromoform
Concen: 19.638 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

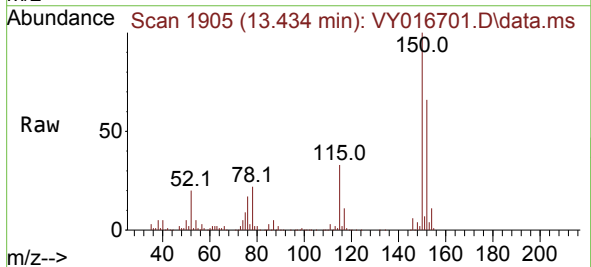
Instrument :
MSVOA_Y
ClientSampleId :



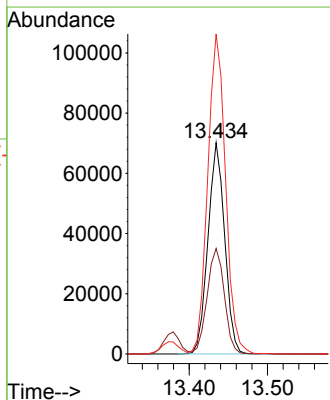
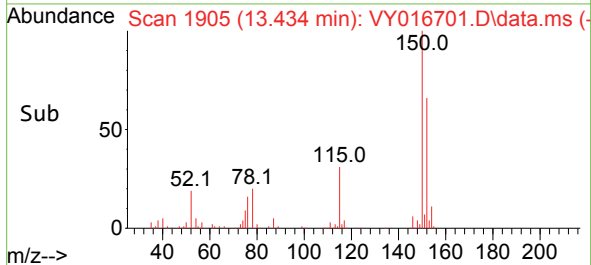
Tgt Ion:173 Resp: 17010
Ion Ratio Lower Upper
173 100
175 47.6 24.2 72.6
254 0.0 0.0 0.0

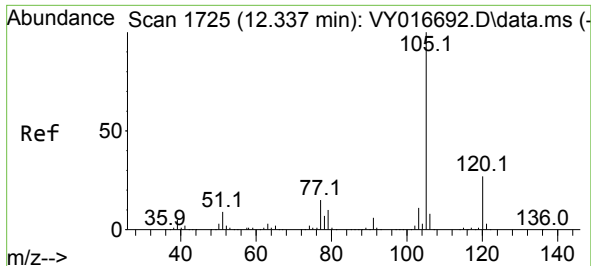


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30



Tgt Ion:152 Resp: 103921
Ion Ratio Lower Upper
152 100
115 51.2 28.2 84.7
150 161.5 0.0 350.6

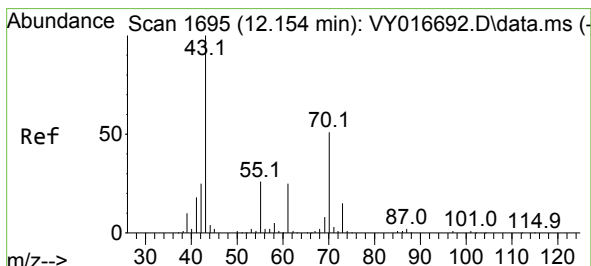
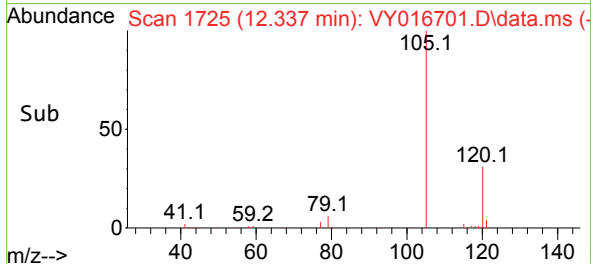
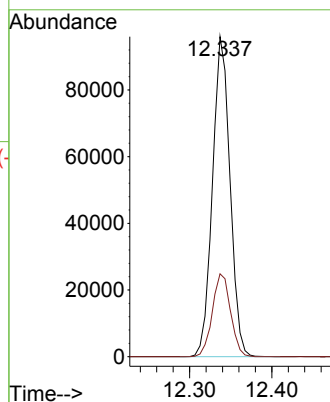
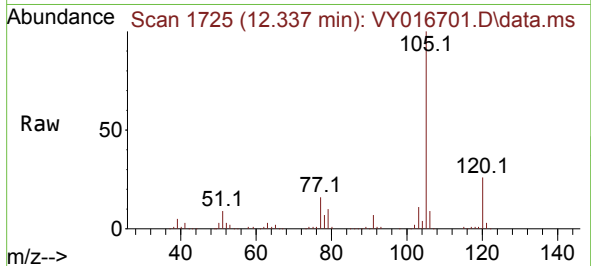




#73
Isopropylbenzene
Concen: 19.772 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

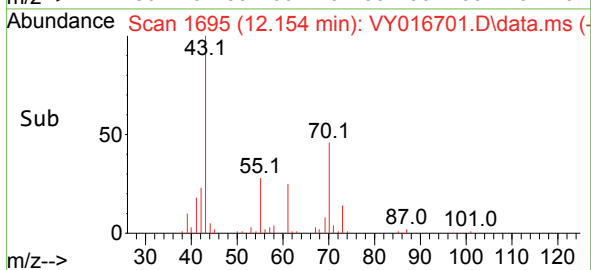
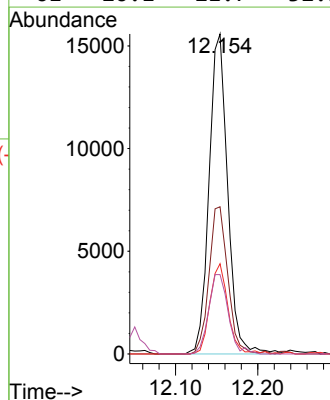
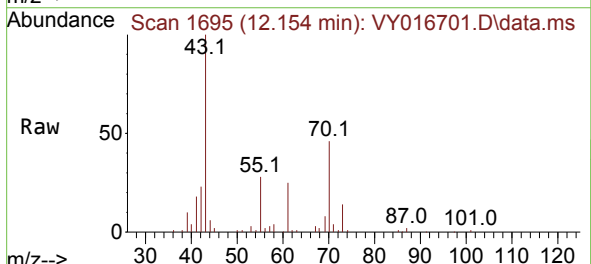
Instrument :
MSVOA_Y
ClientSampleId :

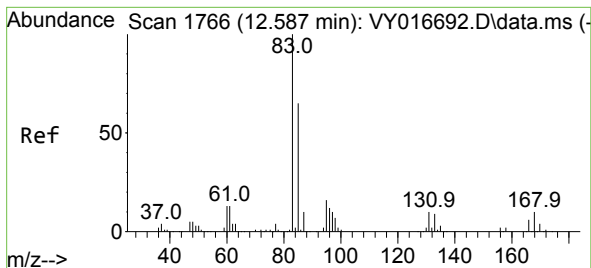
Tgt Ion:105 Resp: 142072
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.8



#74
N-ethyl acetate
Concen: 18.810 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 43 Resp: 24456
Ion Ratio Lower Upper
43 100
70 46.4 41.2 61.8
55 27.7 22.2 33.2
61 26.1 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.188 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

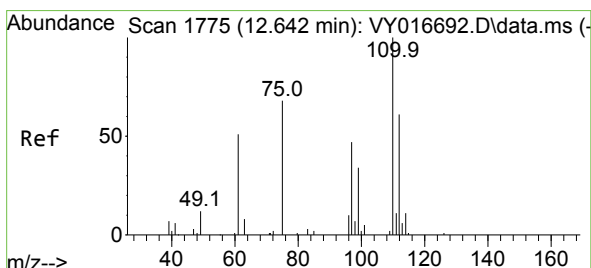
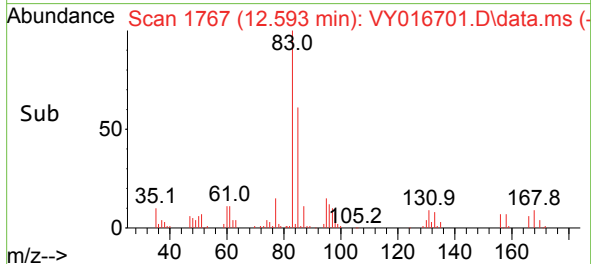
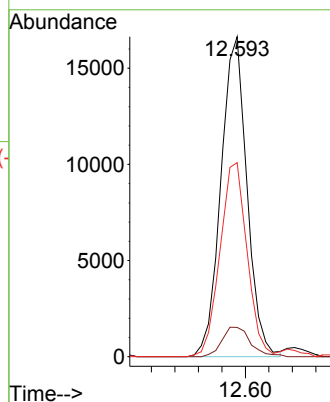
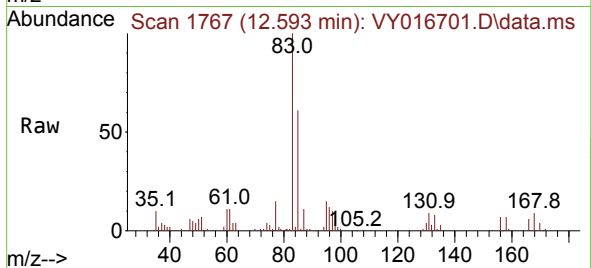
Tgt Ion: 83 Resp: 25654

Ion Ratio Lower Upper

83 100

131 10.1 5.5 16.4

85 62.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 34.556 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016701.D

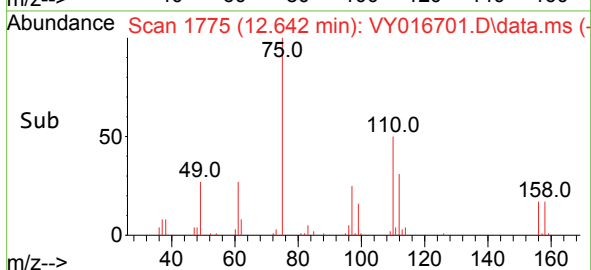
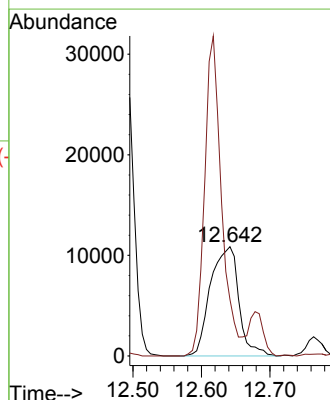
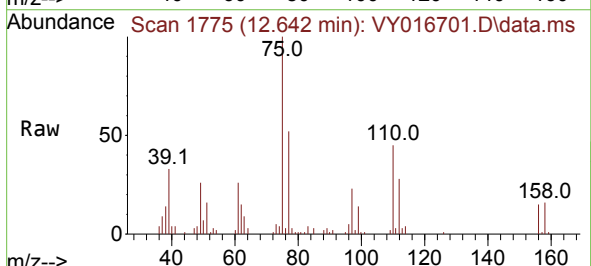
Acq: 19 Dec 2023 18:30

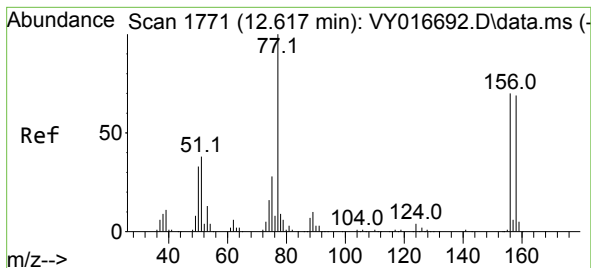
Tgt Ion: 75 Resp: 31216

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.361 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

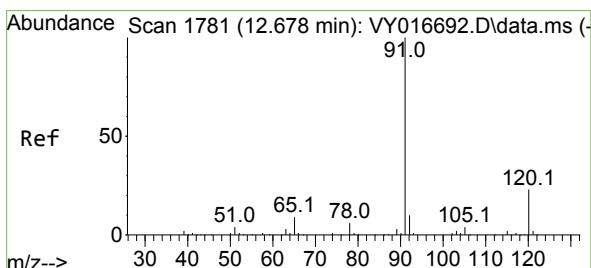
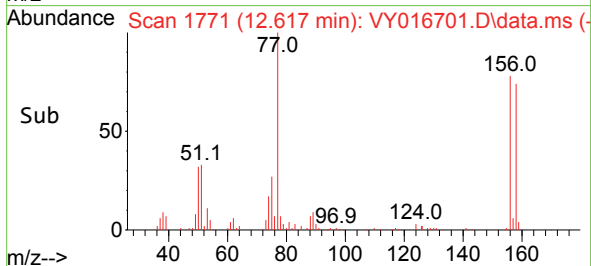
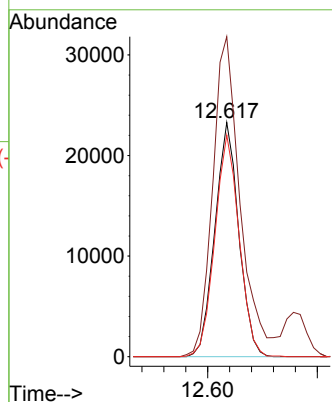
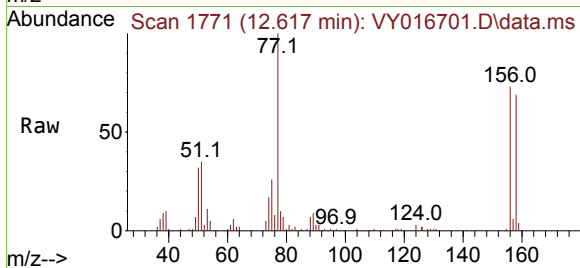
Tgt Ion:156 Resp: 35275

Ion Ratio Lower Upper

156 100

77 156.9 83.5 250.7

158 96.2 49.0 147.0



#78

n-propylbenzene

Concen: 20.016 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016701.D

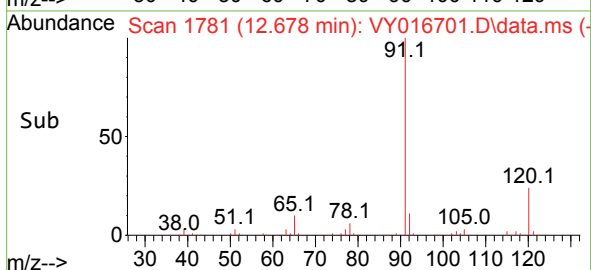
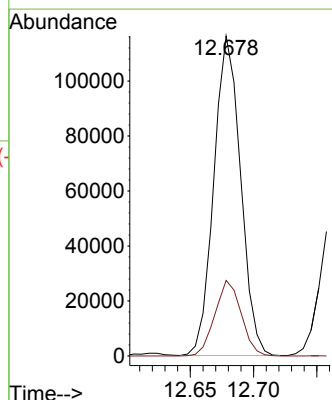
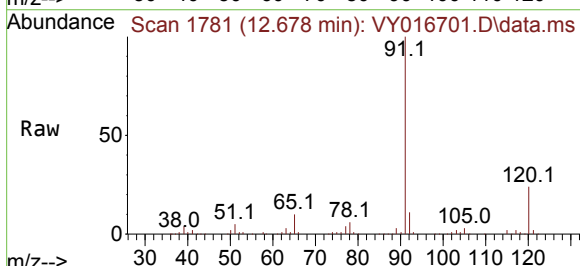
Acq: 19 Dec 2023 18:30

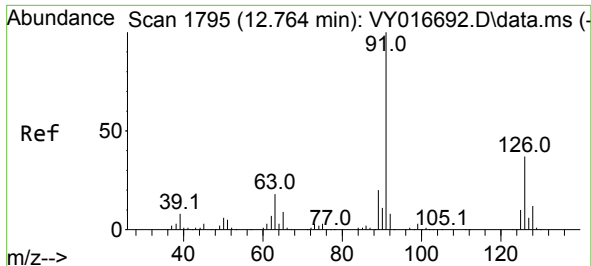
Tgt Ion: 91 Resp: 170507

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.7

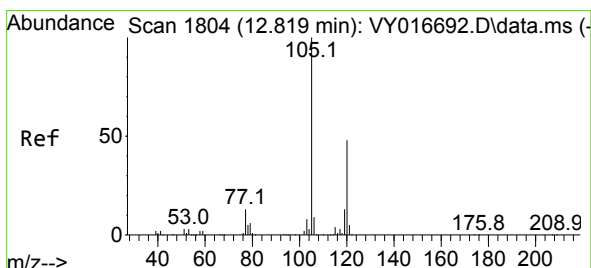
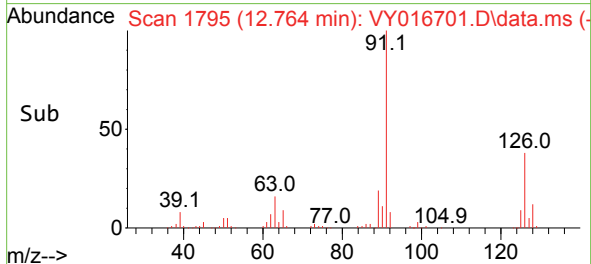
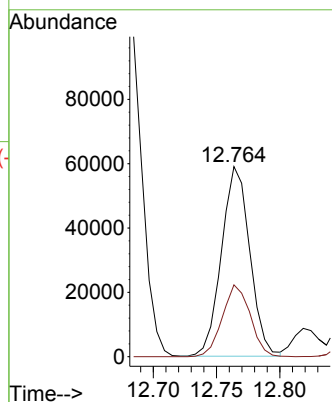
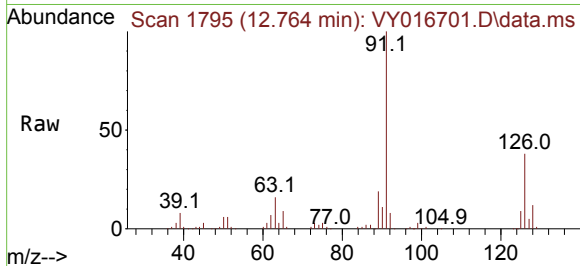




#79
2-Chlorotoluene
Concen: 20.185 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

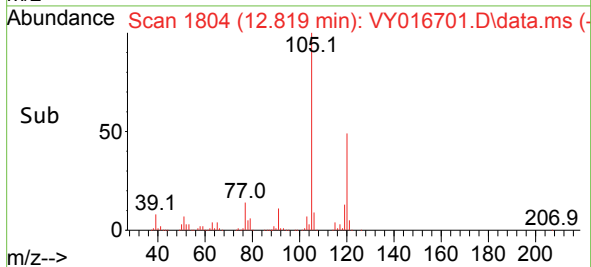
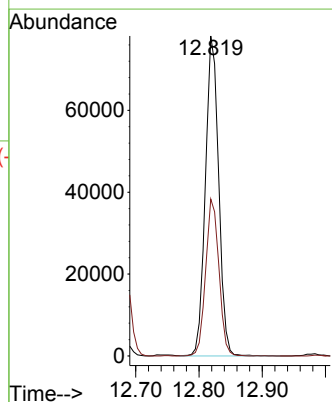
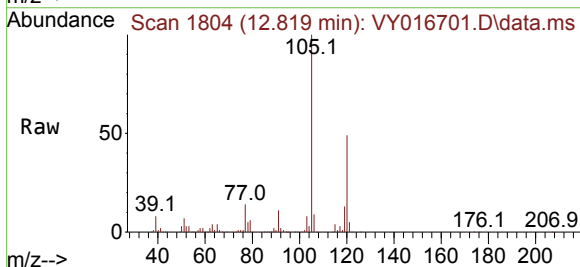
Instrument :
MSVOA_Y
ClientSampleId :

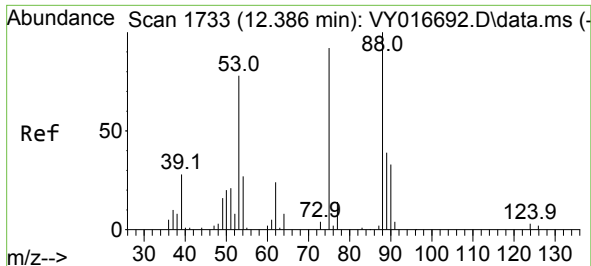
Tgt Ion: 91 Resp: 92103
Ion Ratio Lower Upper
91 100
126 37.2 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 20.323 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 105 Resp: 114432
Ion Ratio Lower Upper
105 100
120 49.0 25.2 75.6

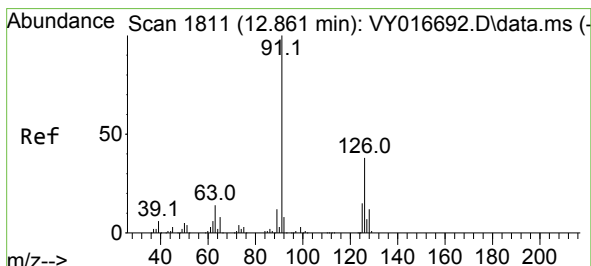
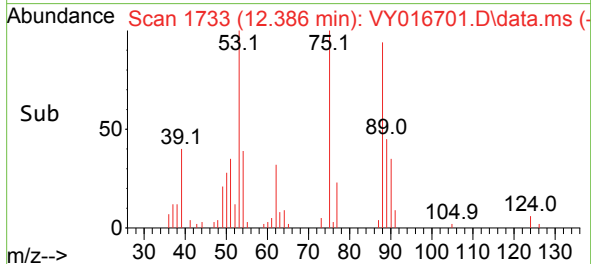
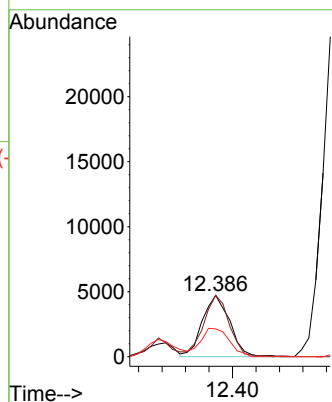
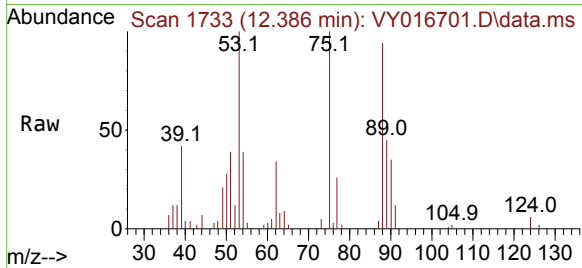




#81
trans-1,4-Dichloro-2-butene
Concen: 19.384 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

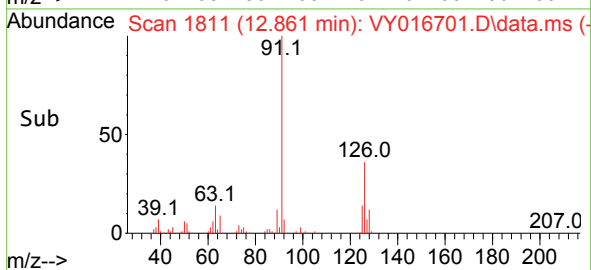
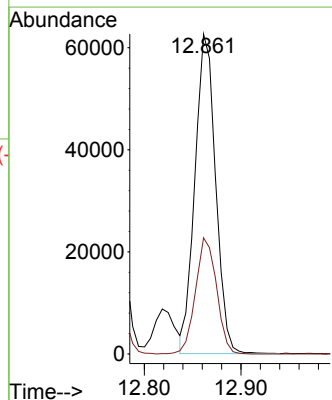
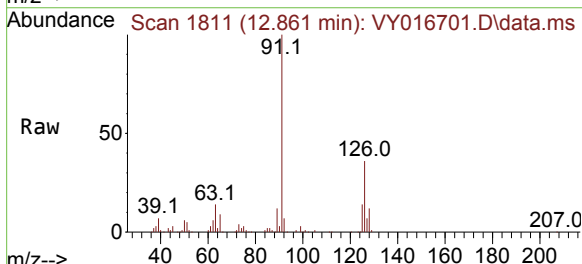
Instrument :
MSVOA_Y
ClientSampleId :

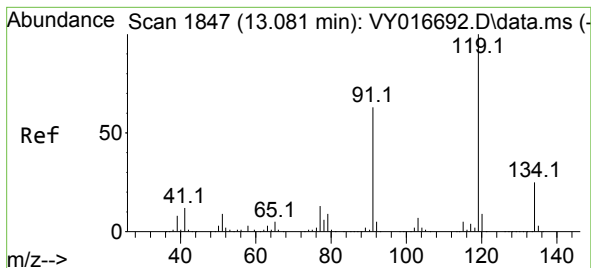
Tgt Ion: 75 Resp: 7632
Ion Ratio Lower Upper
75 100
53 94.3 62.9 94.3
89 48.0 35.8 53.8



#82
4-Chlorotoluene
Concen: 19.705 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion: 91 Resp: 92973
Ion Ratio Lower Upper
91 100
126 37.1 18.0 54.0

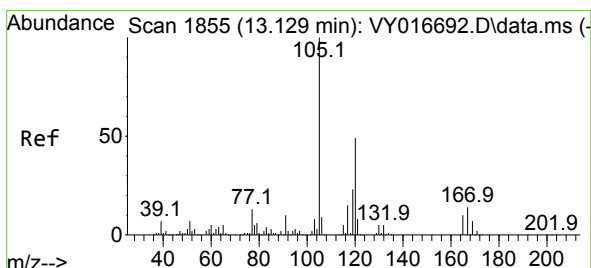
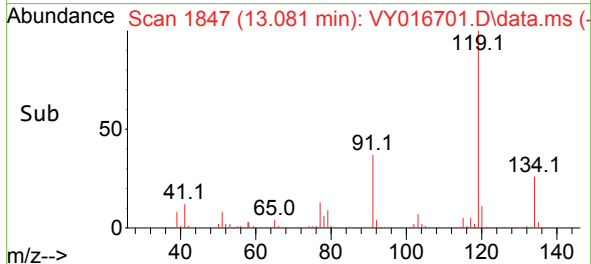
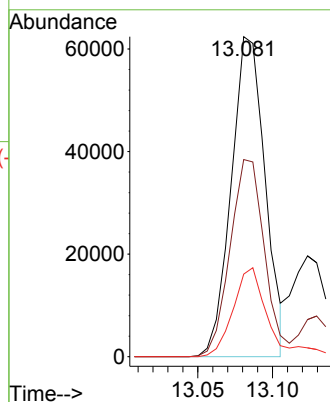
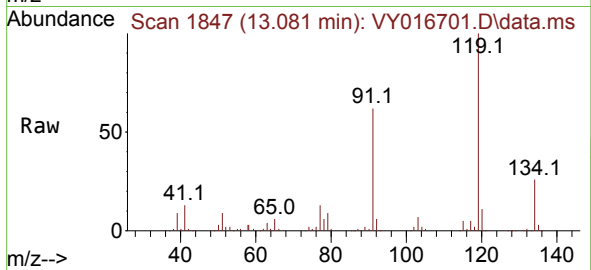




#83
tert-Butylbenzene
Concen: 19.435 ug/l
RT: 13.081 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

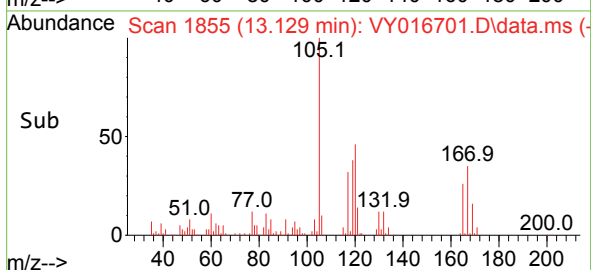
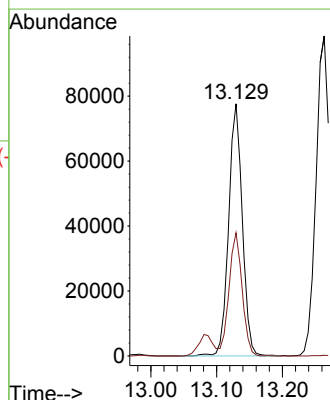
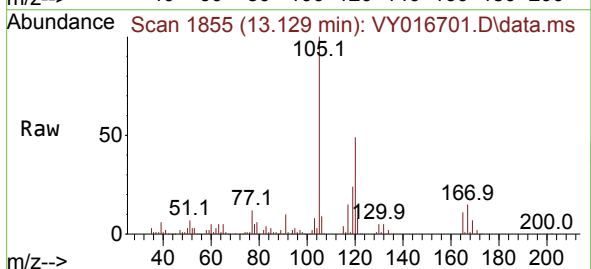
Instrument :
MSVOA_Y
ClientSampleId :

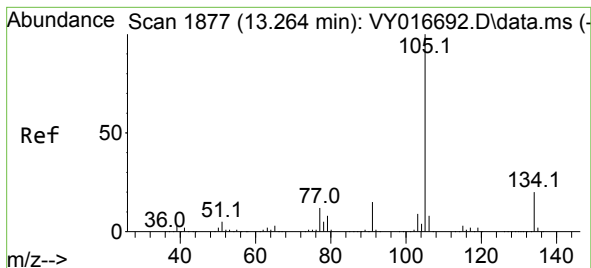
Tgt Ion:119 Resp: 98469
Ion Ratio Lower Upper
119 100
91 62.4 30.8 92.3
134 28.7 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 19.922 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

Tgt Ion:105 Resp: 112438
Ion Ratio Lower Upper
105 100
120 47.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 20.037 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

MSVOA_Y

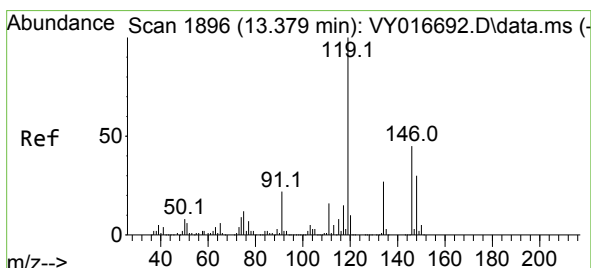
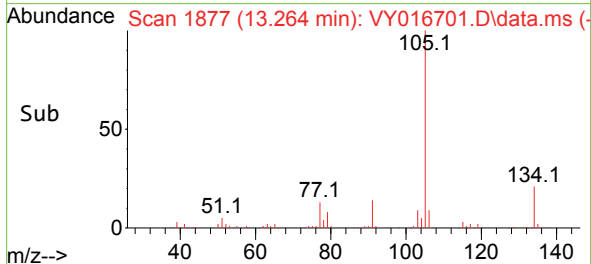
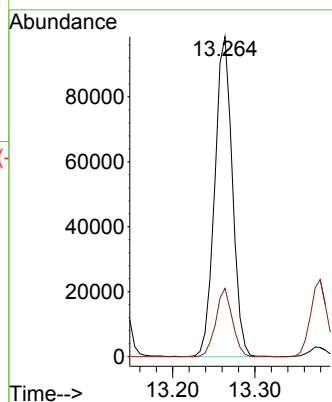
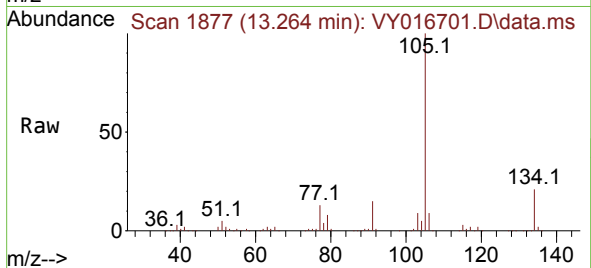
ClientSampleId :

Tgt Ion:105 Resp: 146399

Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 19.799 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

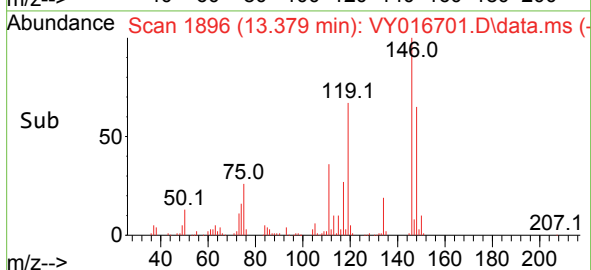
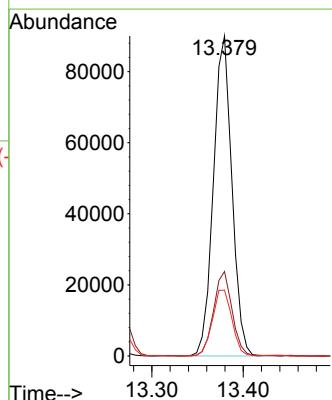
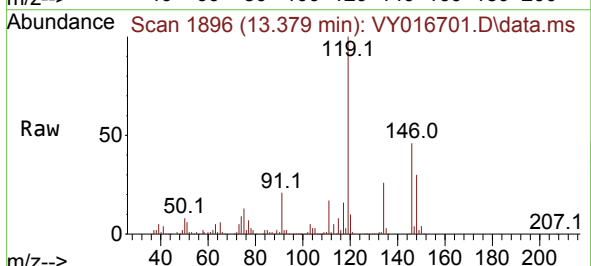
Tgt Ion:119 Resp: 126474

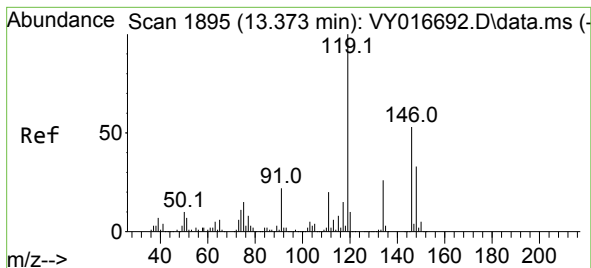
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 21.9 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 19.560 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

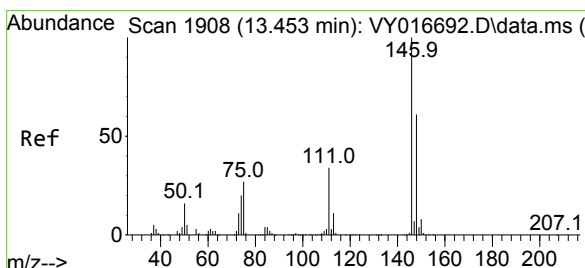
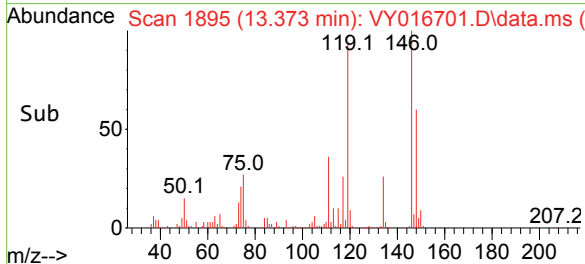
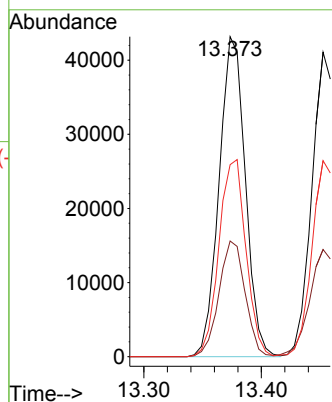
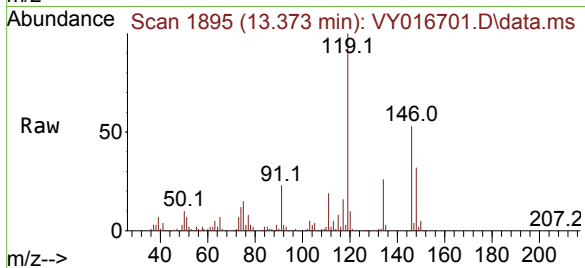
Tgt Ion:146 Resp: 67059

Ion Ratio Lower Upper

146 100

111 36.1 19.1 57.1

148 63.4 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 19.650 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

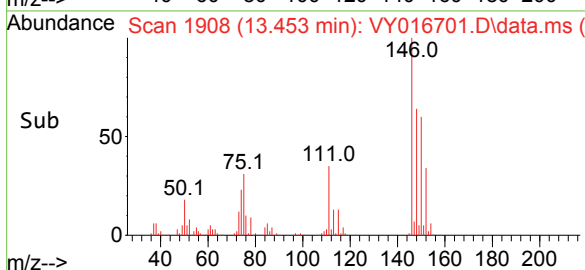
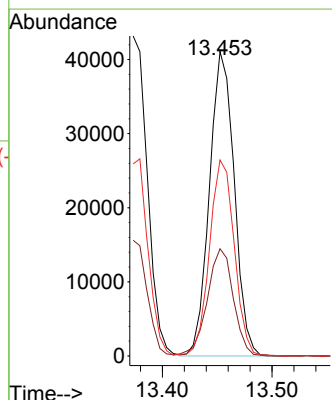
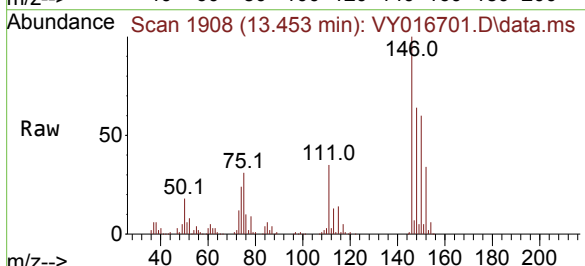
Tgt Ion:146 Resp: 64539

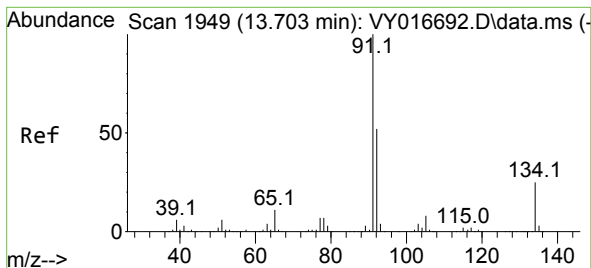
Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.4

148 64.5 32.0 96.2





#89

n-Butylbenzene

Concen: 19.672 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

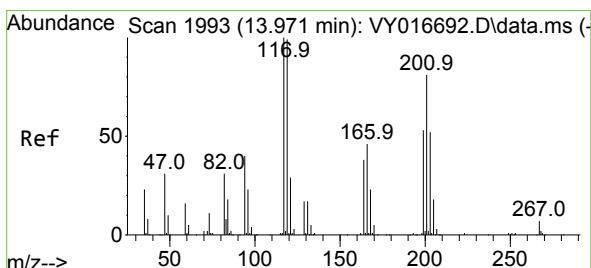
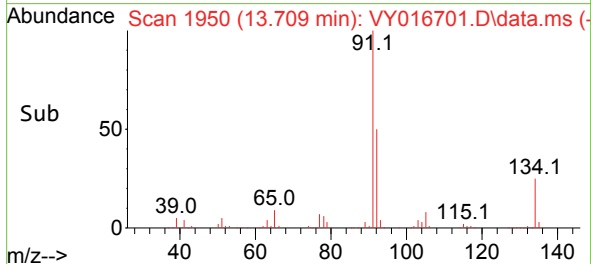
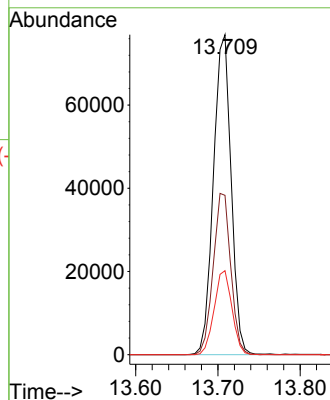
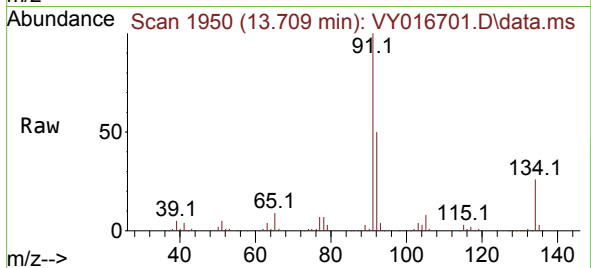
Tgt Ion: 91 Resp: 114873

Ion Ratio Lower Upper

91 100

92 50.2 26.5 79.5

134 26.4 13.7 41.1



#90

Hexachloroethane

Concen: 19.889 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016701.D

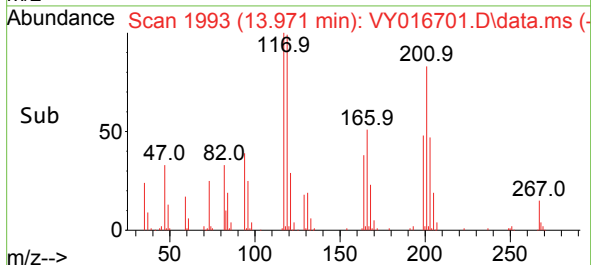
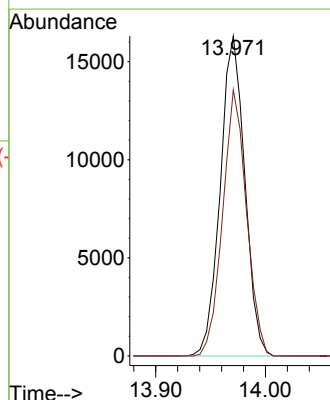
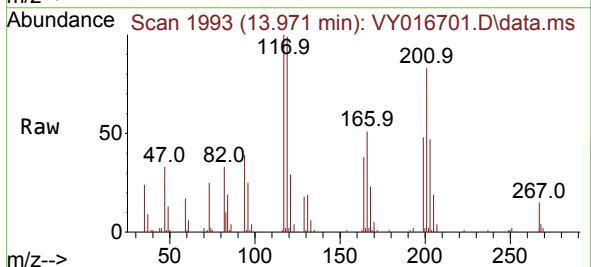
Acq: 19 Dec 2023 18:30

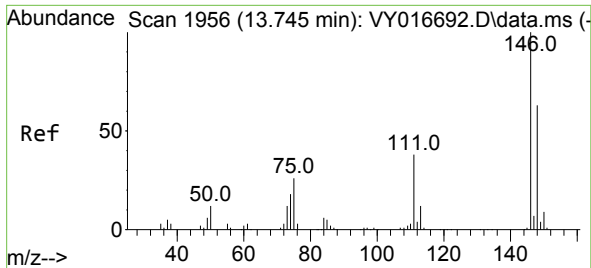
Tgt Ion: 117 Resp: 25320

Ion Ratio Lower Upper

117 100

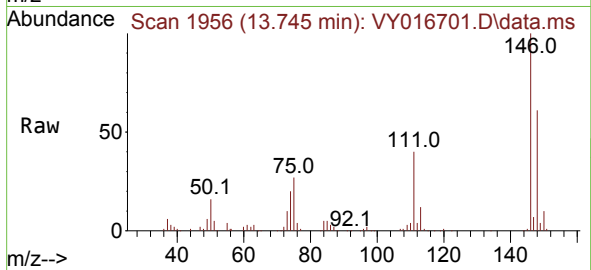
201 80.8 41.5 124.5



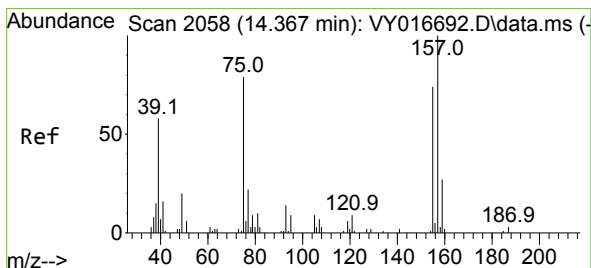
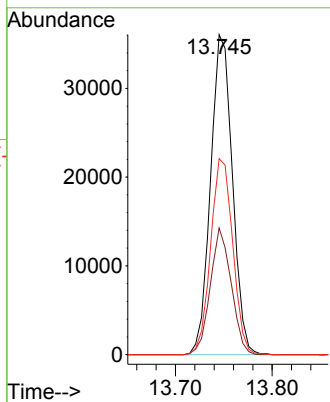
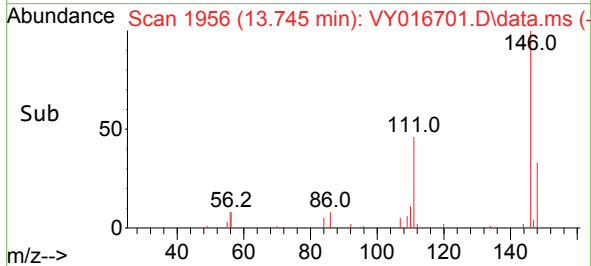


#91
1,2-Dichlorobenzene
Concen: 20.072 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30

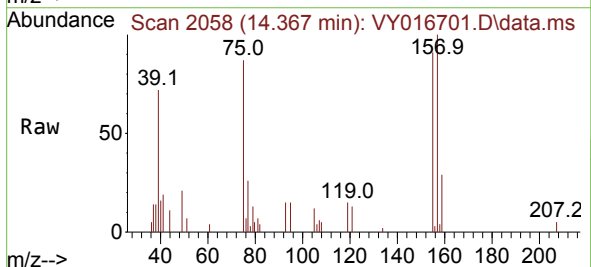
Instrument :
MSVOA_Y
ClientSampleId :



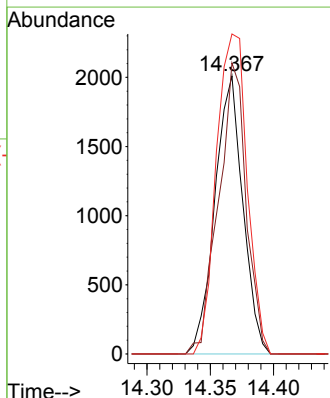
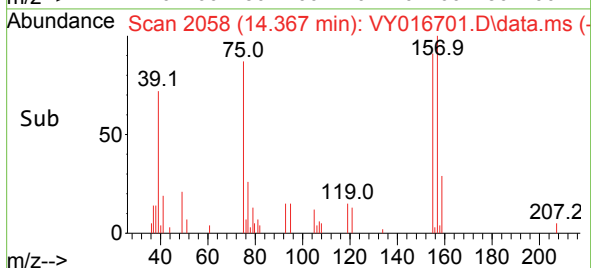
Tgt Ion:146 Resp: 56535
Ion Ratio Lower Upper
146 100
111 38.0 19.5 58.5
148 62.2 31.8 95.3

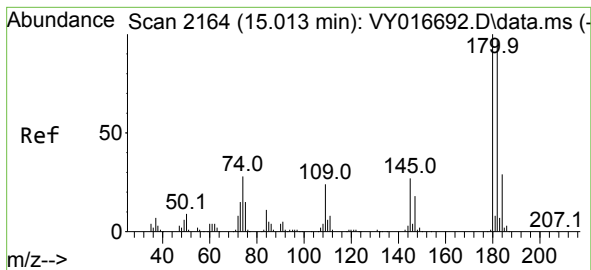


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.587 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY016701.D
Acq: 19 Dec 2023 18:30



Tgt Ion: 75 Resp: 3083
Ion Ratio Lower Upper
75 100
155 103.6 49.4 148.2
157 127.1 64.4 193.2





#93

1,2,4-Trichlorobenzene

Concen: 19.017 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

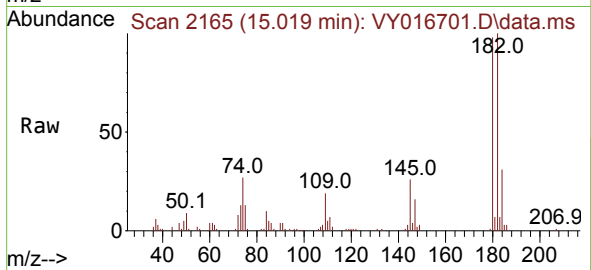
Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

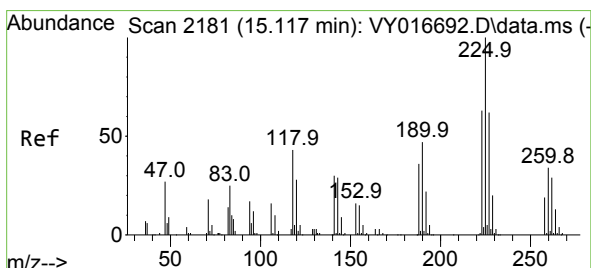
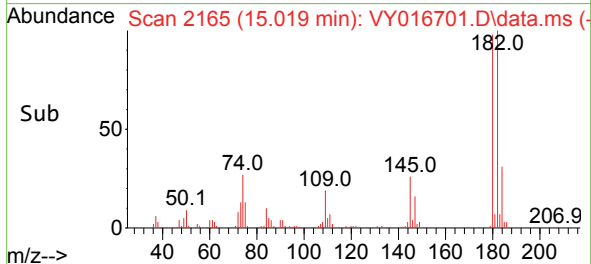
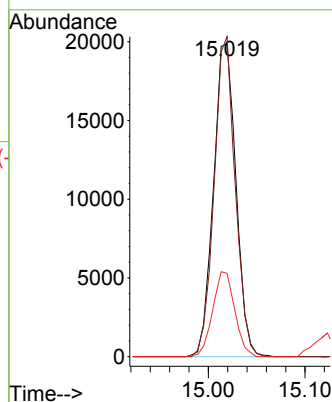
MSVOA_Y

ClientSampleId :



Tgt Ion:180 Resp: 32018

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.6	142.9
145	26.7	14.8	44.4



#94

Hexachlorobutadiene

Concen: 19.394 ug/l

RT: 15.123 min Scan# 2182

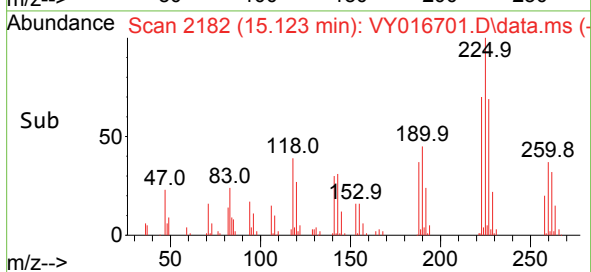
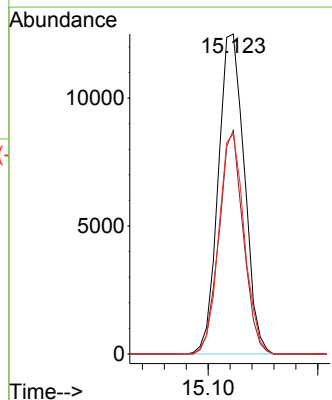
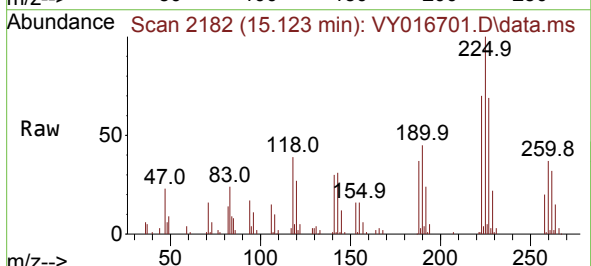
Delta R.T. 0.006 min

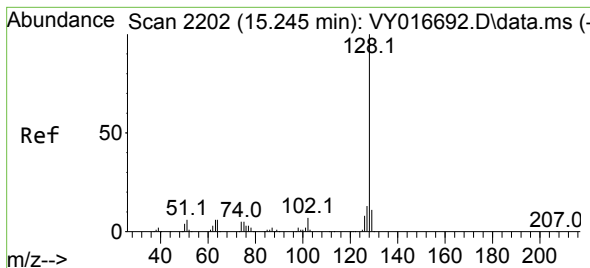
Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Tgt Ion:225 Resp: 20637

Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.4	94.2
227	67.2	31.9	95.9





#95

Naphthalene

Concen: 17.562 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

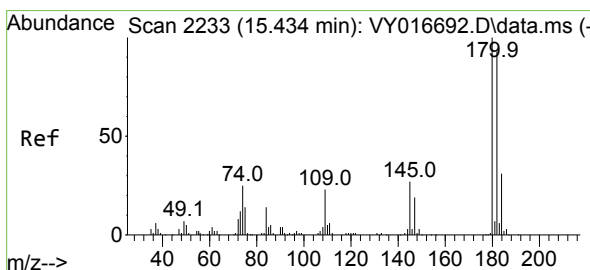
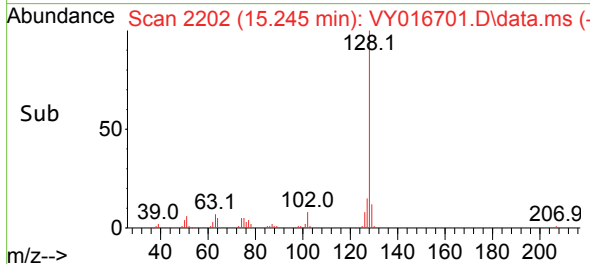
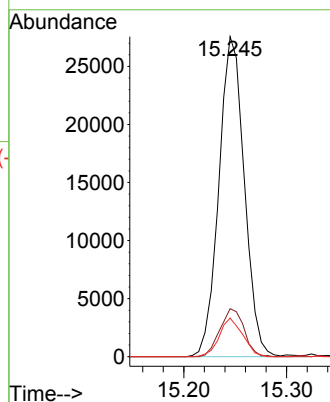
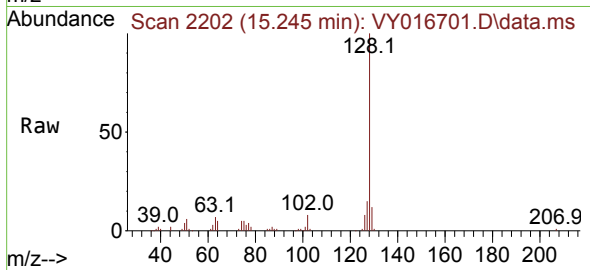
Tgt Ion:128 Resp: 47332

Ion Ratio Lower Upper

128 100

127 14.2 10.1 15.1

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.165 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016701.D

Acq: 19 Dec 2023 18:30

Tgt Ion:180 Resp: 27292

Ion Ratio Lower Upper

180 100

182 91.9 47.3 141.8

145 27.5 15.5 46.5

