

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016702.D
 Acq On : 19 Dec 2023 18:53
 Operator : SY/MD
 Sample : VY1219SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 06:37:28 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	170127	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	255328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	220175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	104418	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	67584	48.028	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.060%
35) Dibromofluoromethane	7.740	113	68674	45.667	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.340%
50) Toluene-d8	10.191	98	255009	46.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.640%
62) 4-Bromofluorobenzene	12.489	95	72285	46.681	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	28468	21.484	ug/l	99
3) Chloromethane	2.125	50	46432	17.624	ug/l	98
4) Vinyl Chloride	2.259	62	62630	19.061	ug/l	98
5) Bromomethane	2.662	94	58842	20.640	ug/l	99
6) Chloroethane	2.808	64	43365	17.632	ug/l	95
7) Trichlorofluoromethane	3.137	101	57619	20.007	ug/l	93
8) Diethyl Ether	3.546	74	16055	20.826	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.912	101	31843	20.380	ug/l	95
10) Methyl Iodide	4.107	142	35443	19.975	ug/l	97
11) Tert butyl alcohol	4.966	59	10518	103.095	ug/l	99
12) 1,1-Dichloroethene	3.893	96	27758	19.587	ug/l	99
13) Acrolein	3.747	56	10749	142.316	ug/l	94
14) Allyl chloride	4.503	41	34392	19.436	ug/l #	86
15) Acrylonitrile	5.192	53	32512	105.341	ug/l	100
16) Acetone	3.960	43	37432	110.491	ug/l	90
17) Carbon Disulfide	4.210	76	71349	18.812	ug/l	99
18) Methyl Acetate	4.497	43	22998	18.862	ug/l	97
19) Methyl tert-butyl Ether	5.241	73	71133	20.779	ug/l	95
20) Methylene Chloride	4.735	84	37878	21.780	ug/l	91
21) trans-1,2-Dichloroethene	5.241	96	31365	19.570	ug/l	96
22) Diisopropyl ether	6.143	45	81476	20.117	ug/l	91
23) Vinyl Acetate	6.082	43	206615	104.329	ug/l	99
24) 1,1-Dichloroethane	6.033	63	54782	19.641	ug/l	99
25) 2-Butanone	7.009	43	45709	108.326	ug/l	94
26) 2,2-Dichloropropane	7.002	77	49955	19.722	ug/l	95
27) cis-1,2-Dichloroethene	7.009	96	36038	19.894	ug/l	96
28) Bromochloromethane	7.356	49	22585	22.300	ug/l	92
29) Tetrahydrofuran	7.374	42	24145	105.981	ug/l	99
30) Chloroform	7.527	83	60596	20.250	ug/l	96
31) Cyclohexane	7.801	56	44567	19.350	ug/l	98
32) 1,1,1-Trichloroethane	7.722	97	53428	20.108	ug/l	97
36) 1,1-Dichloropropene	7.935	75	43930	19.312	ug/l	98
37) Ethyl Acetate	7.094	43	19235	22.078	ug/l #	95
38) Carbon Tetrachloride	7.917	117	48052	19.578	ug/l	96
39) Methylcyclohexane	9.197	83	50537	19.297	ug/l	89
40) Benzene	8.179	78	125778	19.245	ug/l	99

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 ClientSampleId :

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	8190	17.700	ug/l #	87
42) 1,2-Dichloroethane	8.252	62	36334	19.647	ug/l	98
43) Isopropyl Acetate	8.289	43	34971	20.899	ug/l	95
44) Trichloroethene	8.959	130	34610	19.243	ug/l	97
45) 1,2-Dichloropropane	9.234	63	30028	19.223	ug/l	99
46) Dibromomethane	9.319	93	17892	20.283	ug/l	98
47) Bromodichloromethane	9.508	83	45054	19.561	ug/l	97
48) Methyl methacrylate	9.307	41	17943	19.763	ug/l #	88
49) 1,4-Dioxane	9.313	88	3506	431.679	ug/l #	89
51) 4-Methyl-2-Pentanone	10.081	43	90523	105.400	ug/l	94
52) Toluene	10.258	92	78135	19.540	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	40042	19.416	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	48558	19.871	ug/l	92
55) 1,1,2-Trichloroethane	10.654	97	24432	20.050	ug/l	96
56) Ethyl methacrylate	10.520	69	20073	20.243	ug/l #	91
57) 1,3-Dichloropropane	10.801	76	40669	20.227	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	64007	105.908	ug/l	94
59) 2-Hexanone	10.843	43	68603	109.636	ug/l	95
60) Dibromochloromethane	10.996	129	29634	20.030	ug/l	96
61) 1,2-Dibromoethane	11.099	107	22468	20.473	ug/l	99
64) Tetrachloroethene	10.734	164	29975	19.737	ug/l	97
65) Chlorobenzene	11.526	112	83708	19.198	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	32083	18.993	ug/l	99
67) Ethyl Benzene	11.605	91	147409	18.924	ug/l	99
68) m/p-Xylenes	11.715	106	112311	38.037	ug/l	99
69) o-Xylene	12.038	106	50800	18.833	ug/l	96
70) Styrene	12.056	104	73967	18.991	ug/l	98
71) Bromoform	12.215	173	17718	20.251	ug/l #	99
73) Isopropylbenzene	12.337	105	141473	19.595	ug/l	99
74) N-amyl acetate	12.154	43	26908	20.597	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	27665	20.593	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	32927	36.277	ug/l #	100
77) Bromobenzene	12.617	156	34576	19.862	ug/l	98
78) n-propylbenzene	12.678	91	169028	19.748	ug/l	99
79) 2-Chlorotoluene	12.764	91	91269	19.907	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	110748	19.575	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	7879	19.917	ug/l #	85
82) 4-Chlorotoluene	12.861	91	91416	19.282	ug/l	96
83) tert-Butylbenzene	13.081	119	101559	19.949	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	113589	20.030	ug/l	99
85) sec-Butylbenzene	13.264	105	146119	19.903	ug/l	100
86) p-Isopropyltoluene	13.379	119	126130	19.651	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	66161	19.206	ug/l	97
88) 1,4-Dichlorobenzene	13.453	146	66307	20.092	ug/l	99
89) n-Butylbenzene	13.703	91	119274	20.328	ug/l	96
90) Hexachloroethane	13.971	117	25103	19.624	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	56805	20.072	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3780	21.460	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	35677	21.090	ug/l	98
94) Hexachlorobutadiene	15.123	225	22536	21.077	ug/l	97
95) Naphthalene	15.245	128	58548	21.620	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	29966	20.943	ug/l	98

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ALS Vial : 17 Sample Multiplier: 1

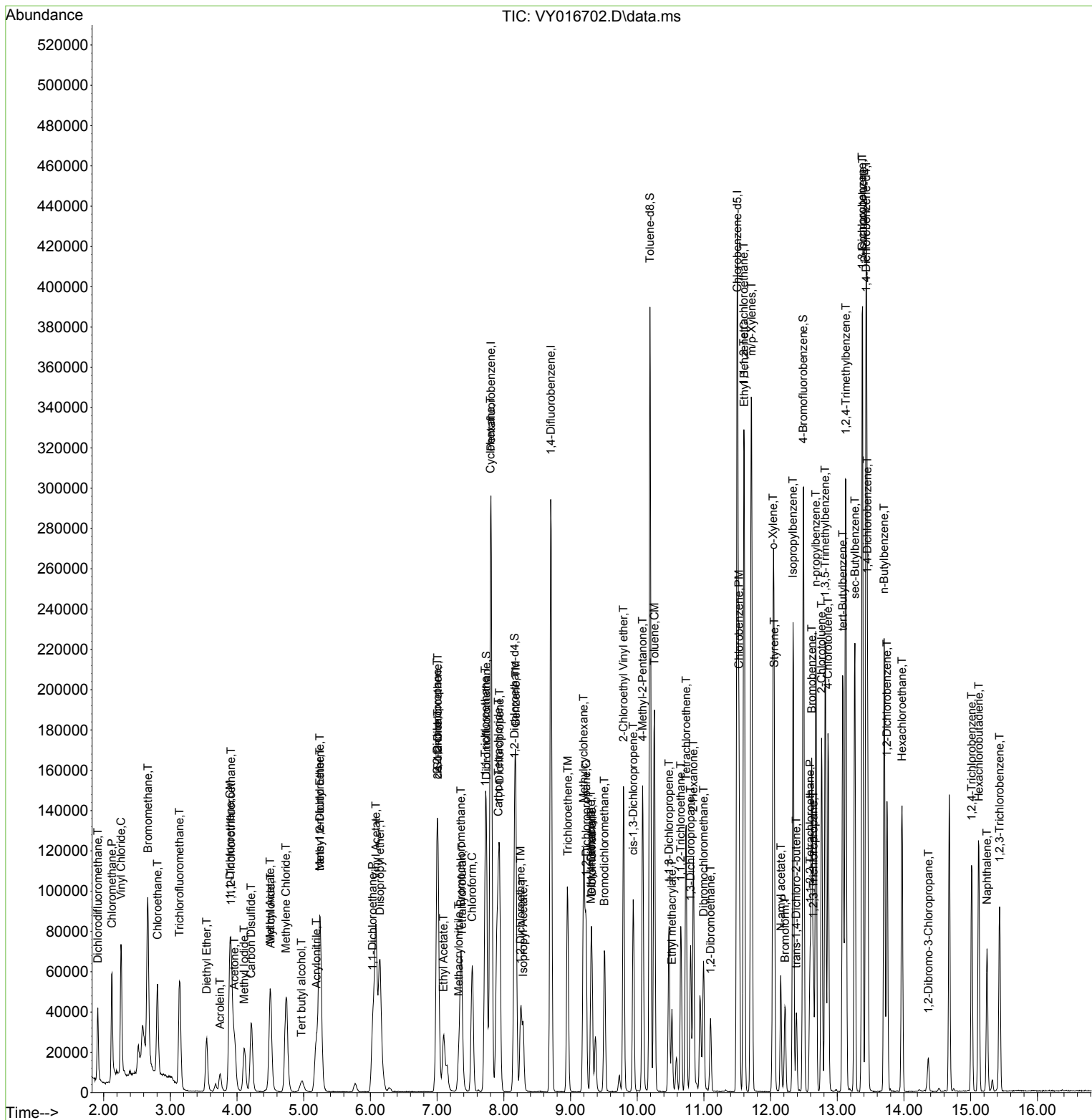
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MSVOA_Y
ClientSampleId :

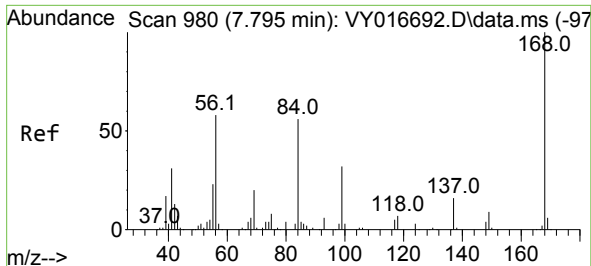
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Quant Title : SW846 8260
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Response via : Initial Calibration

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

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Quant Title : SW846 8260
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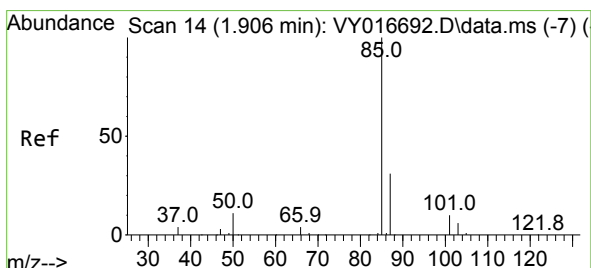
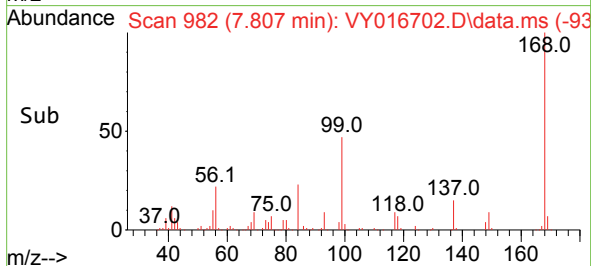
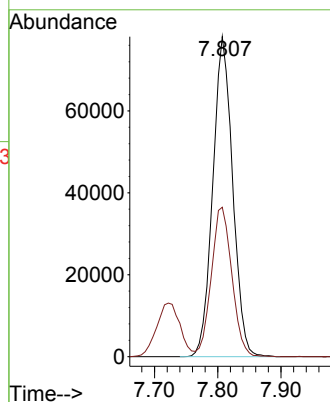
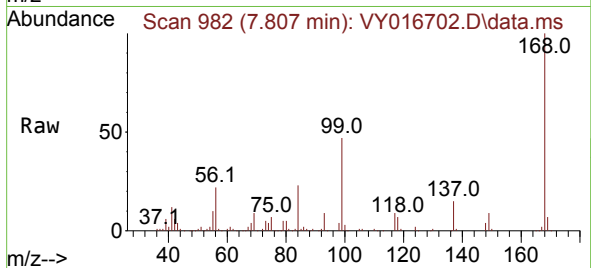




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016702.D
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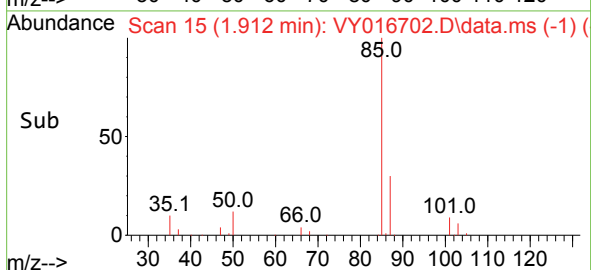
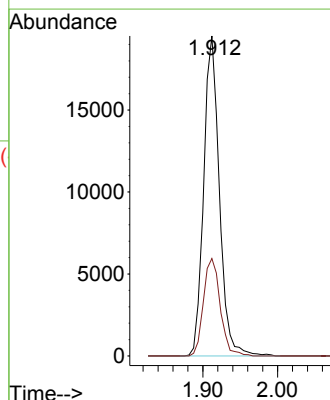
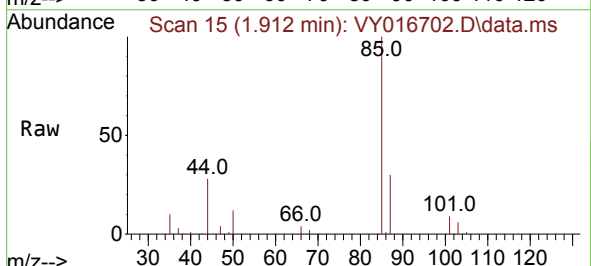
Instrument :
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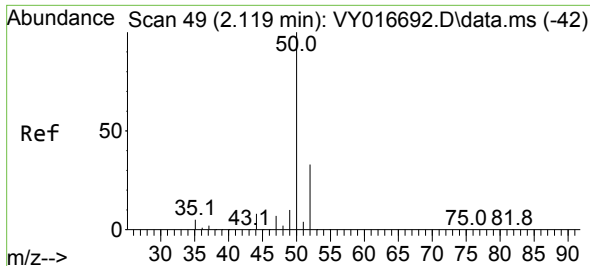
Tgt Ion:168 Resp: 170127
Ion Ratio Lower Upper
168 100
99 46.7 40.2 60.4



#2
Dichlorodifluoromethane
Concen: 21.484 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 85 Resp: 28468
Ion Ratio Lower Upper
85 100
87 30.5 15.6 46.8

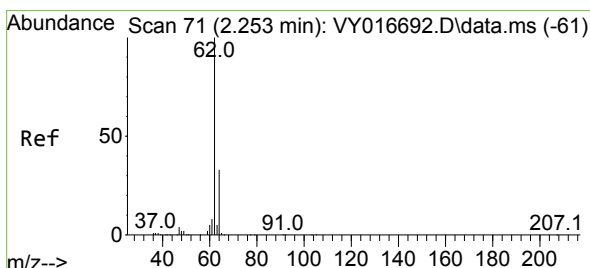
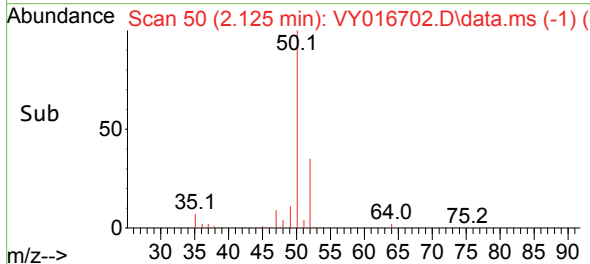
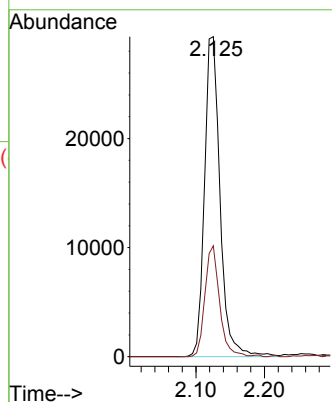
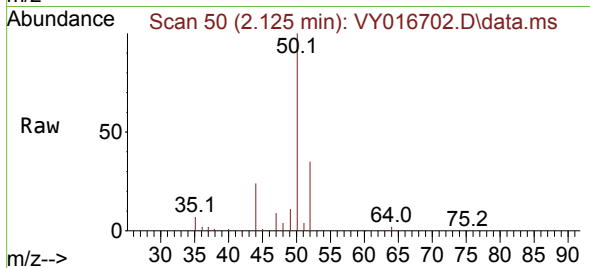




#3
Chloromethane
Concen: 17.624 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

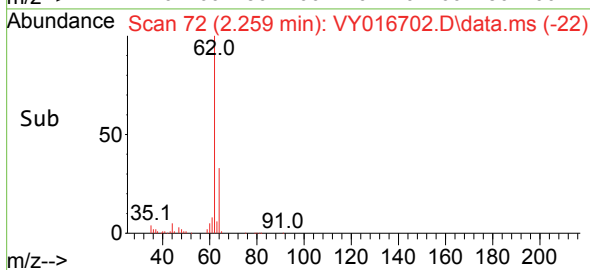
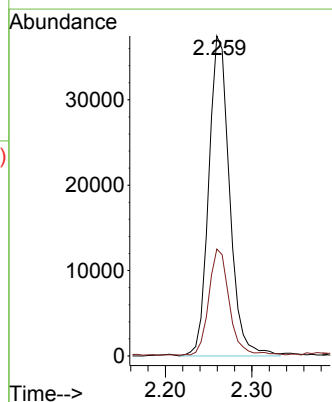
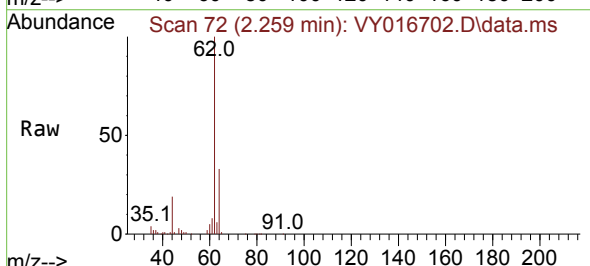
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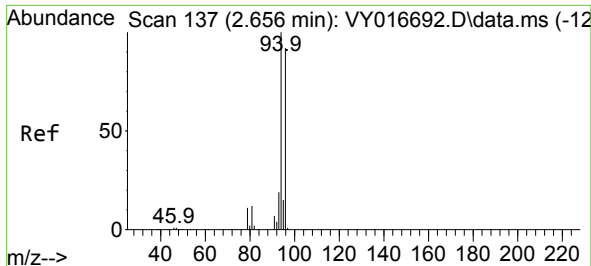
Tgt Ion: 50 Resp: 46432
Ion Ratio Lower Upper
50 100
52 34.7 26.6 40.0



#4
Vinyl Chloride
Concen: 19.061 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 62 Resp: 62630
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.2

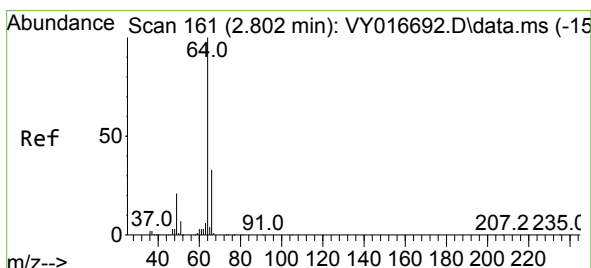
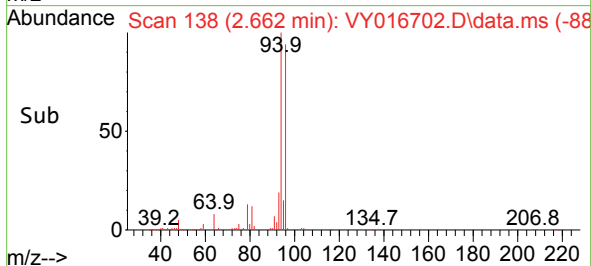
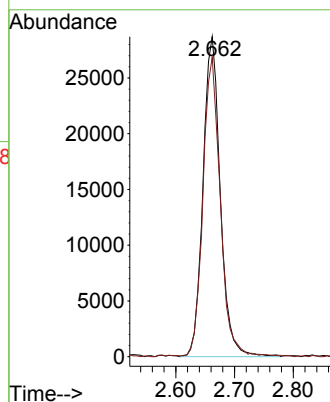
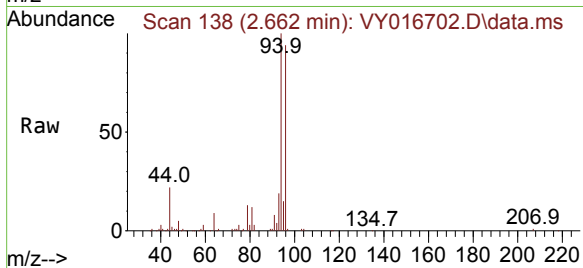




#5
Bromomethane
Concen: 20.640 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

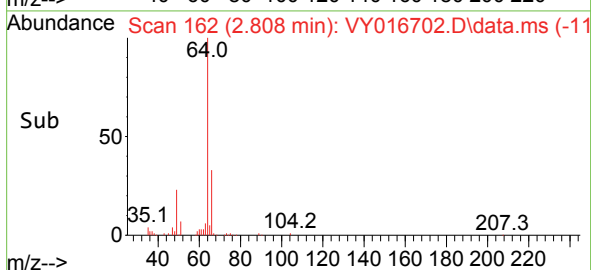
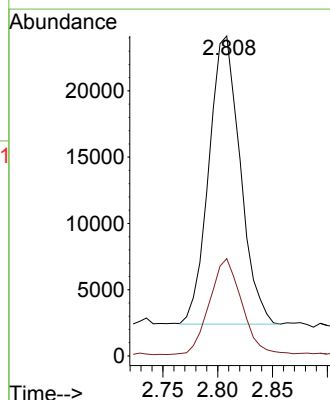
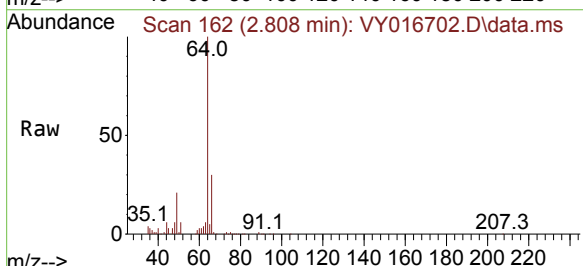
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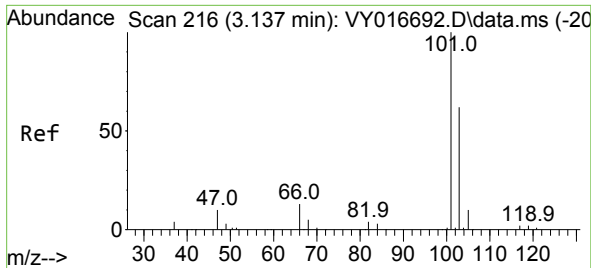
Tgt Ion: 94 Resp: 58842
Ion Ratio Lower Upper
94 100
96 93.2 74.0 111.0



#6
Chloroethane
Concen: 17.632 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 64 Resp: 43365
Ion Ratio Lower Upper
64 100
66 32.9 24.0 36.0

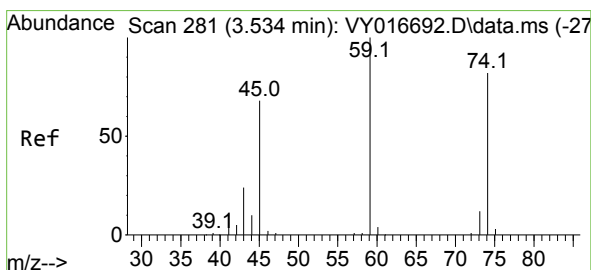
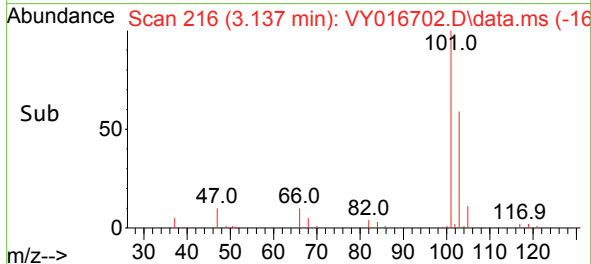
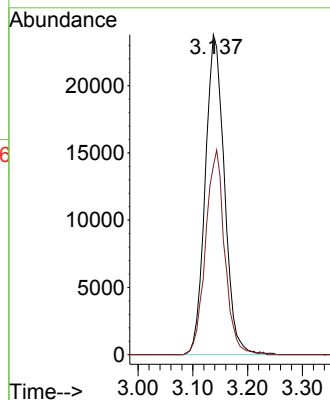
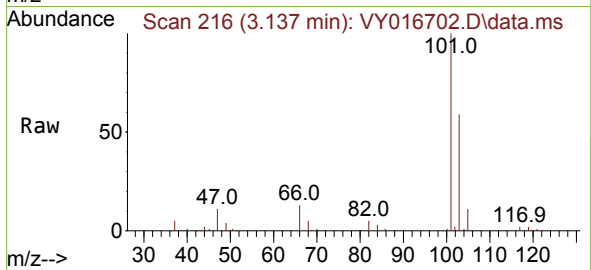




#7
Trichlorofluoromethane
Concen: 20.007 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

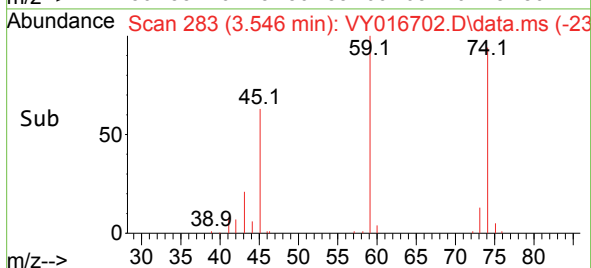
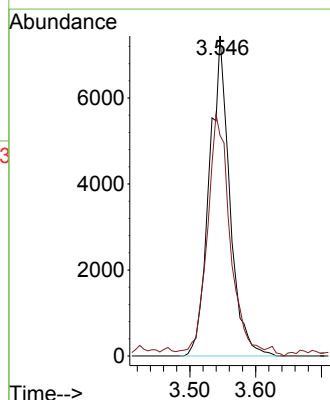
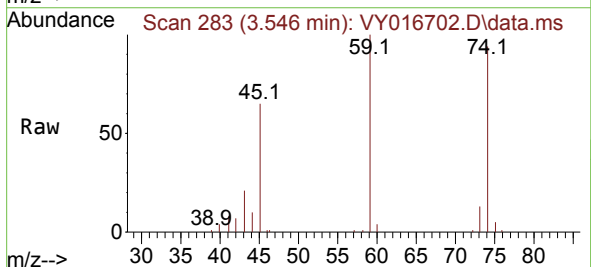
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MSVOA_Y
ClientSampleId :

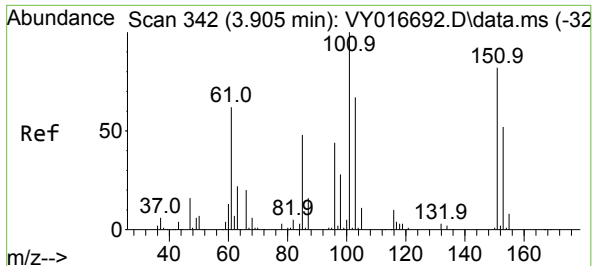
Tgt Ion:101 Resp: 57619
Ion Ratio Lower Upper
101 100
103 58.9 51.7 77.5



#8
Diethyl Ether
Concen: 20.826 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.012 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 74 Resp: 16055
Ion Ratio Lower Upper
74 100
45 80.0 44.3 132.9

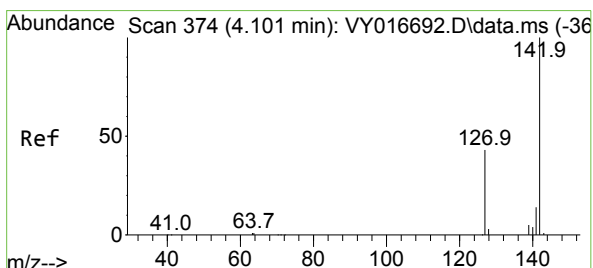
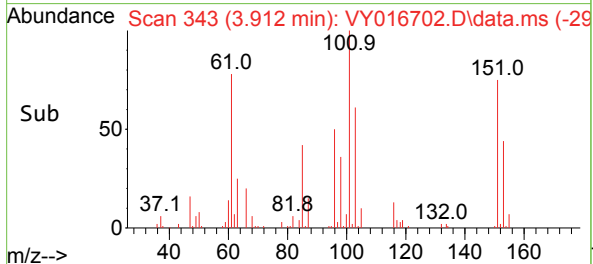
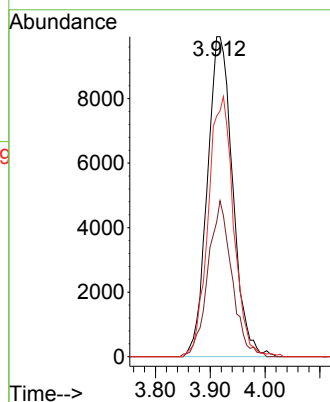
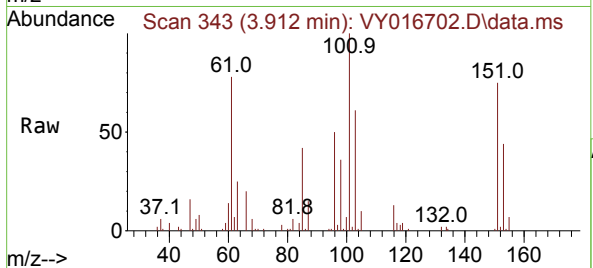




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.380 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

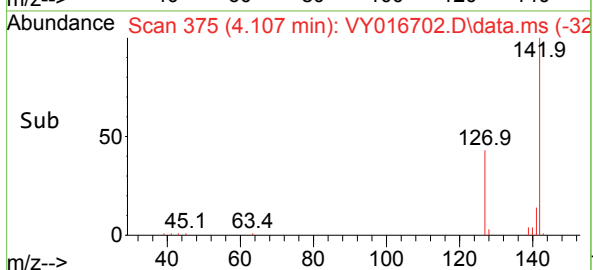
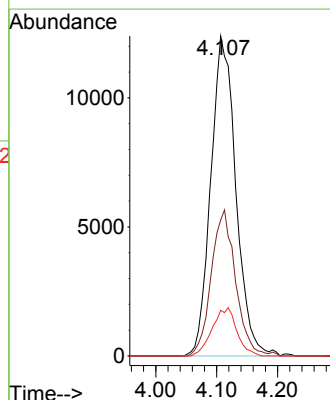
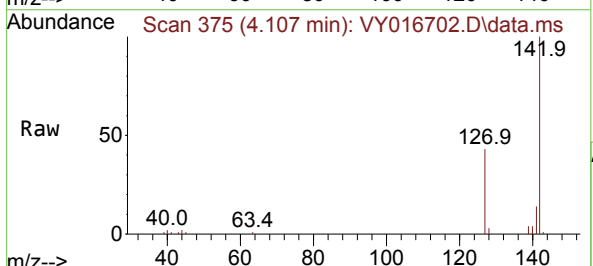
Instrument :
MSVOA_Y
ClientSampleId :

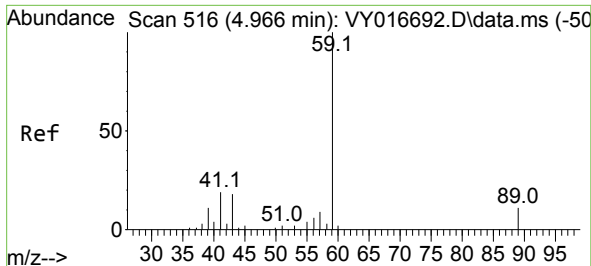
Tgt Ion:101 Resp: 31843
Ion Ratio Lower Upper
101 100
85 45.8 35.0 52.4
151 81.3 61.0 91.4



#10
Methyl Iodide
Concen: 19.975 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion:142 Resp: 35443
Ion Ratio Lower Upper
142 100
127 44.4 33.6 50.4
141 14.8 12.0 18.0

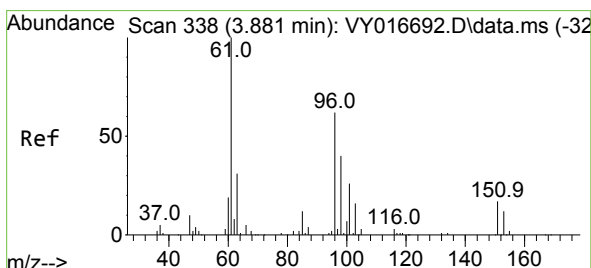
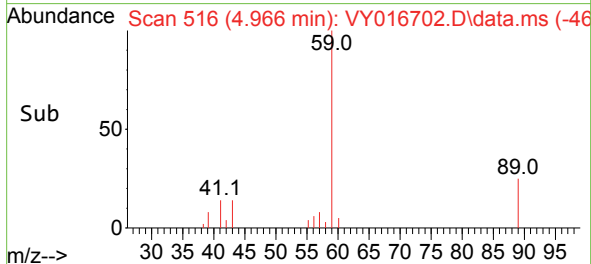
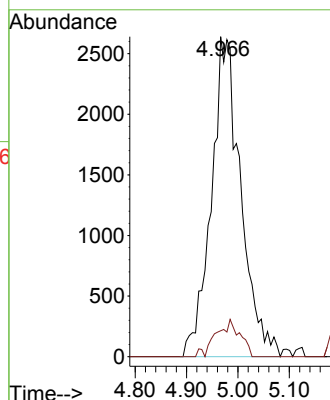
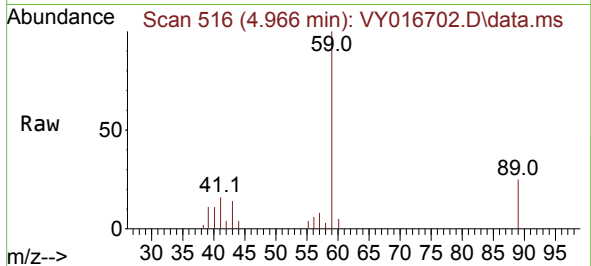




#11
Tert butyl alcohol
Concen: 103.095 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

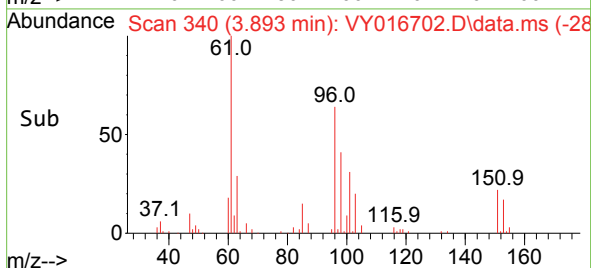
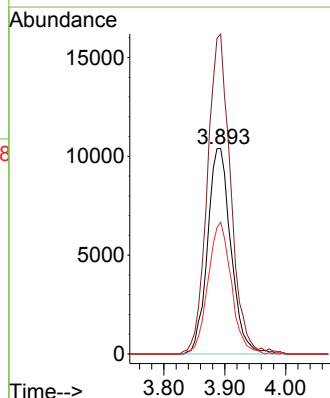
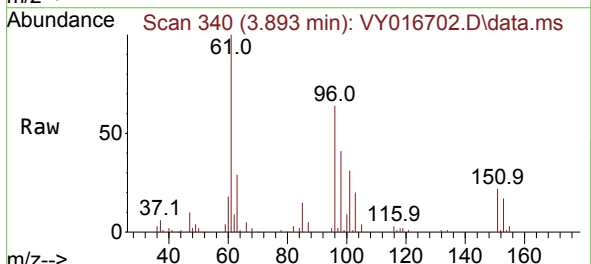
Instrument :
MSVOA_Y
ClientSampleId :

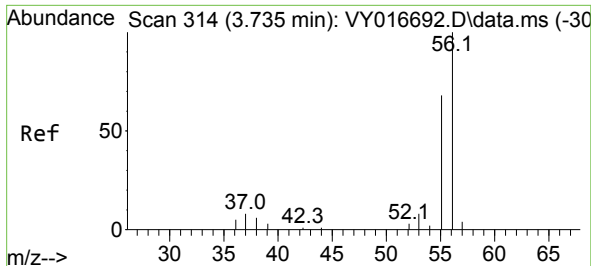
Tgt Ion: 59 Resp: 10518
Ion Ratio Lower Upper
59 100
57 9.4 7.9 11.9



#12
1,1-Dichloroethene
Concen: 19.587 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 96 Resp: 27758
Ion Ratio Lower Upper
96 100
61 155.7 123.9 185.9
98 64.2 50.1 75.1





#13

Acrolein

Concen: 142.316 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

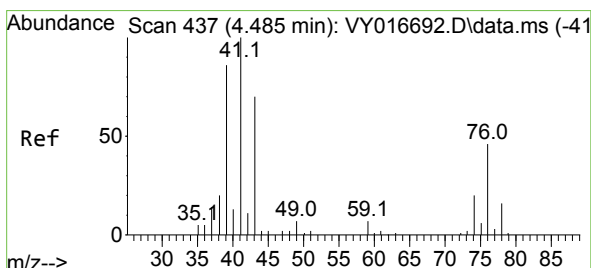
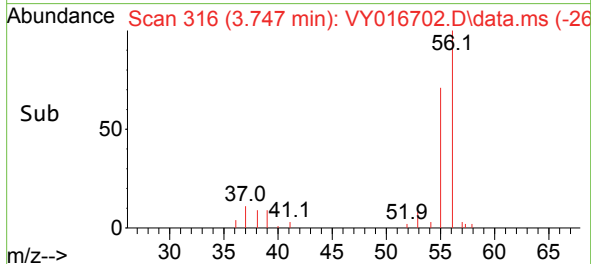
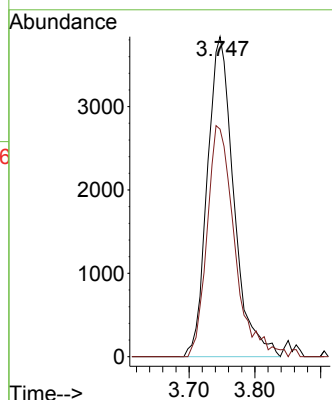
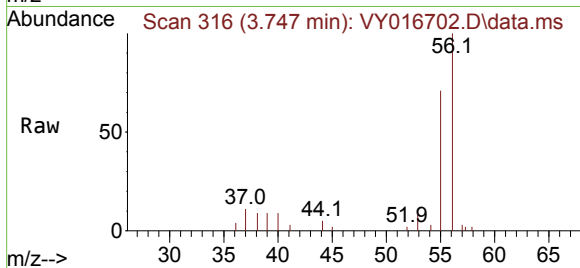
ClientSampleId :

Tgt Ion: 56 Resp: 10749

Ion Ratio Lower Upper

56 100

55 75.2 56.5 84.7



#14

Allyl chloride

Concen: 19.436 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.018 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

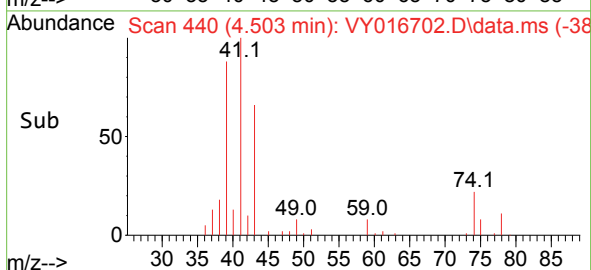
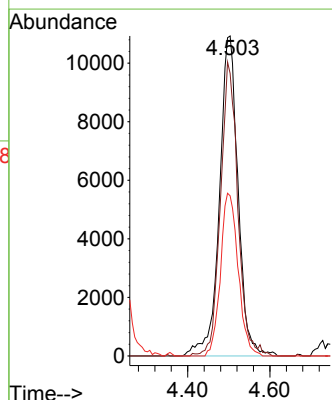
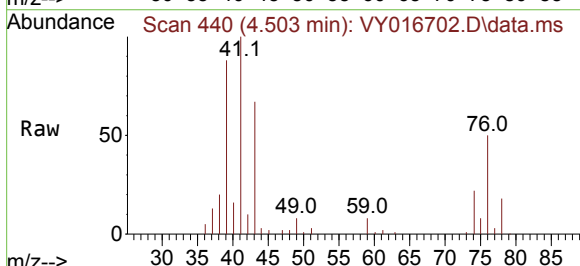
Tgt Ion: 41 Resp: 34392

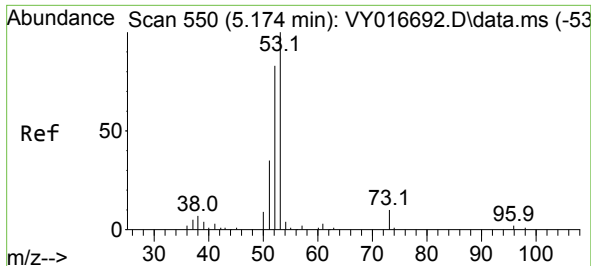
Ion Ratio Lower Upper

41 100

39 85.5 56.4 84.6#

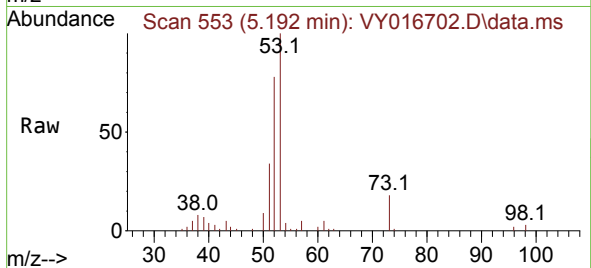
76 48.1 34.3 51.5



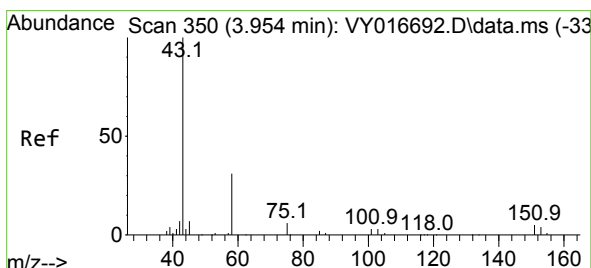
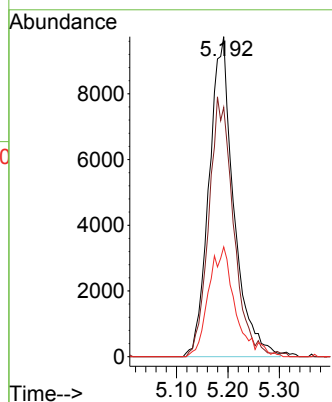
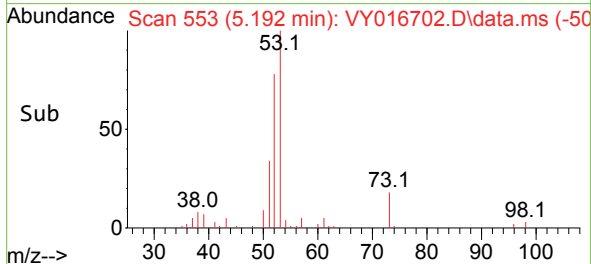


#15
Acrylonitrile
Concen: 105.341 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

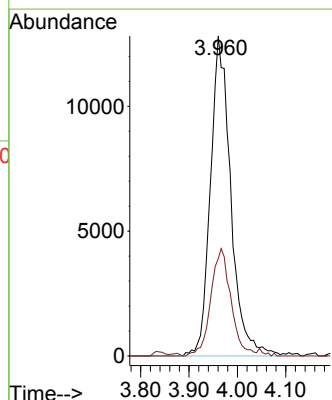
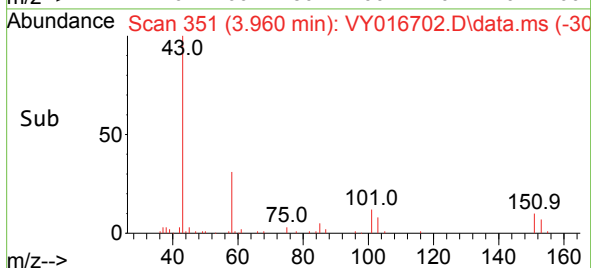
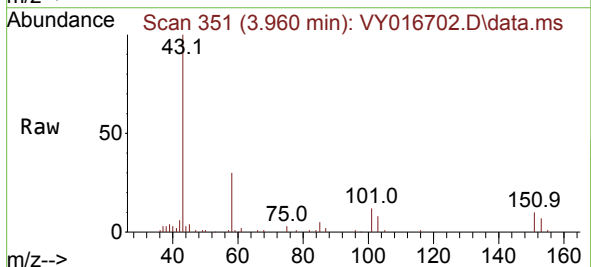


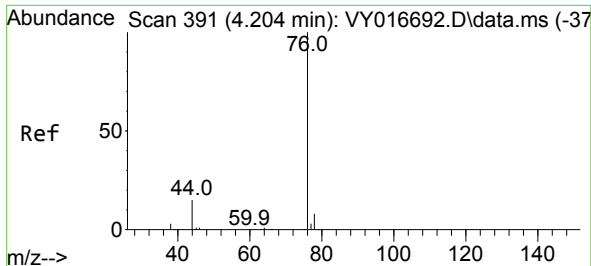
Tgt Ion: 53 Resp: 32512
Ion Ratio Lower Upper
53 100
52 80.9 64.3 96.5
51 35.4 28.3 42.5



#16
Acetone
Concen: 110.491 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 43 Resp: 37432
Ion Ratio Lower Upper
43 100
58 30.4 29.0 43.4





#17

Carbon Disulfide

Concen: 18.812 ug/l

RT: 4.210 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

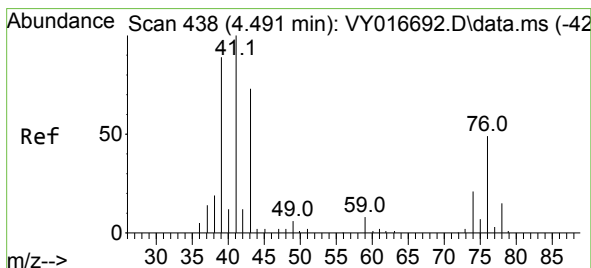
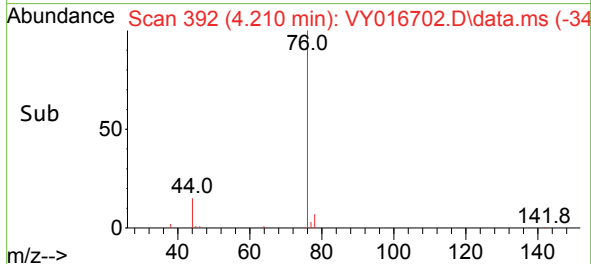
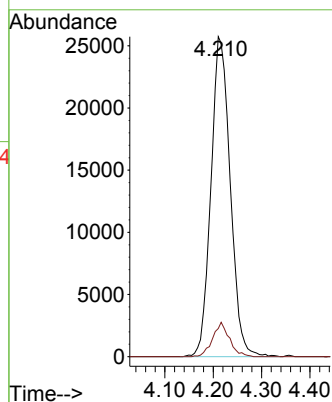
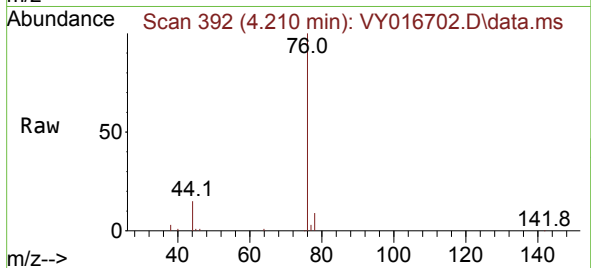
ClientSampleId :

Tgt Ion: 76 Resp: 71349

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



#18

Methyl Acetate

Concen: 18.862 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY016702.D

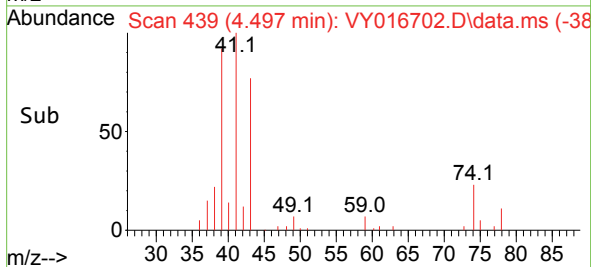
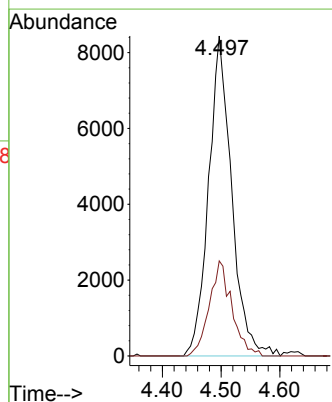
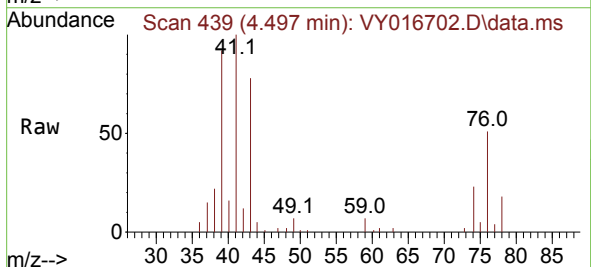
Acq: 19 Dec 2023 18:53

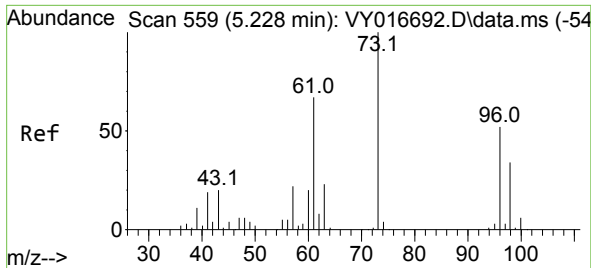
Tgt Ion: 43 Resp: 22998

Ion Ratio Lower Upper

43 100

74 29.0 22.1 33.1

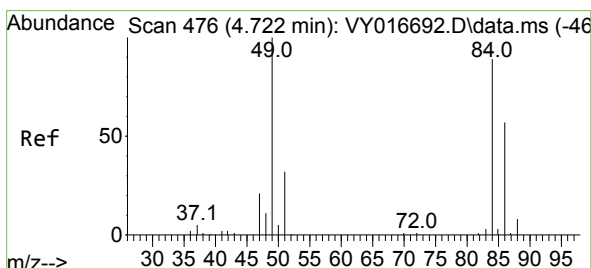
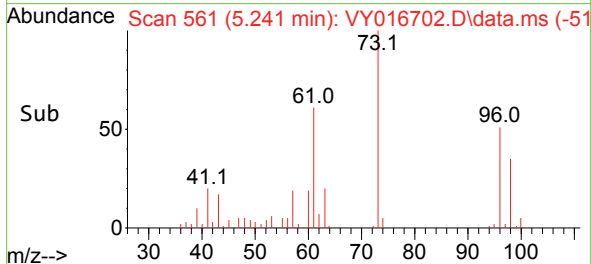
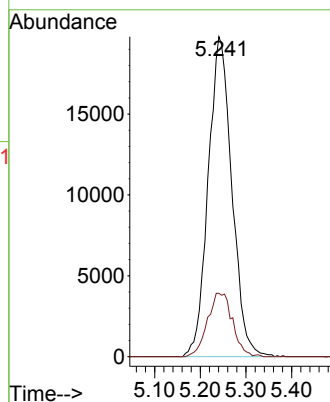
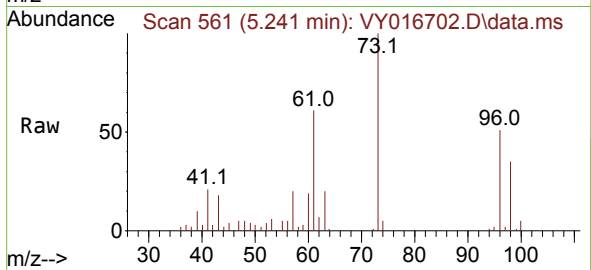




#19
Methyl tert-butyl Ether
Concen: 20.779 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

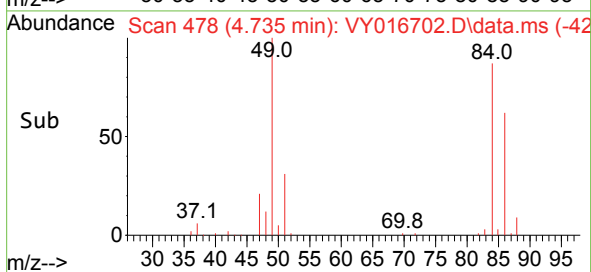
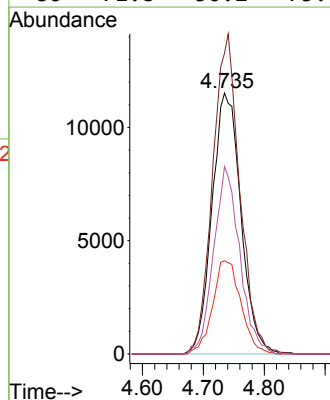
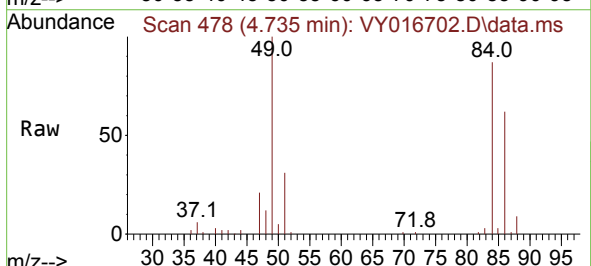
Instrument :
MSVOA_Y
ClientSampleId :

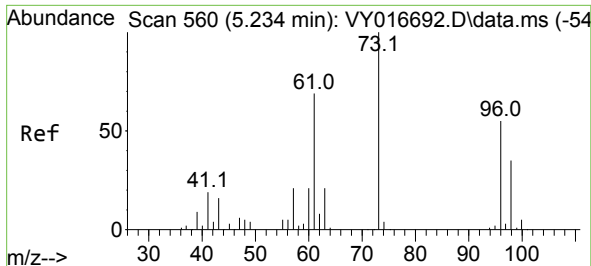
Tgt Ion: 73 Resp: 71133
Ion Ratio Lower Upper
73 100
57 19.8 17.9 26.9



#20
Methylene Chloride
Concen: 21.780 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 84 Resp: 37878
Ion Ratio Lower Upper
84 100
49 115.2 83.8 125.8
51 35.7 27.2 40.8
86 71.8 50.2 75.4

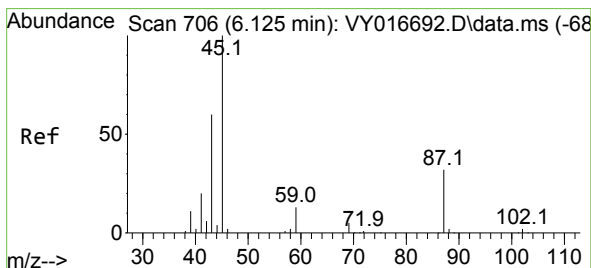
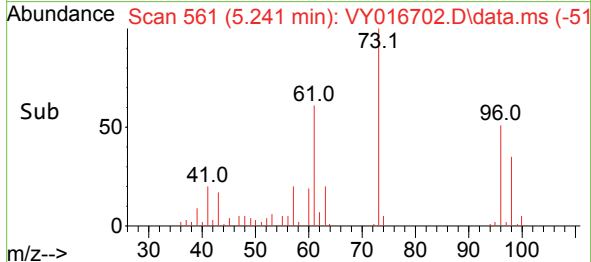
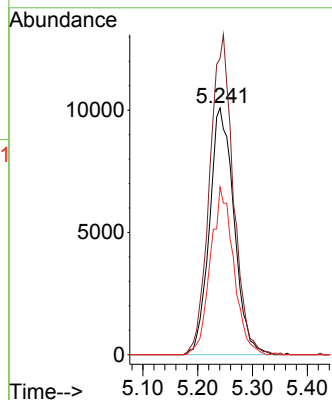
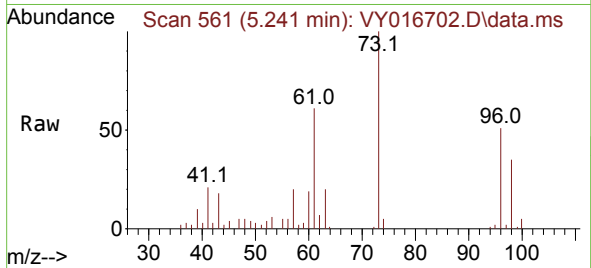




#21
trans-1,2-Dichloroethene
Concen: 19.570 ug/l
RT: 5.241 min Scan# 509
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

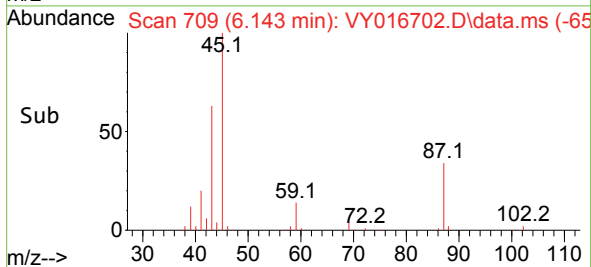
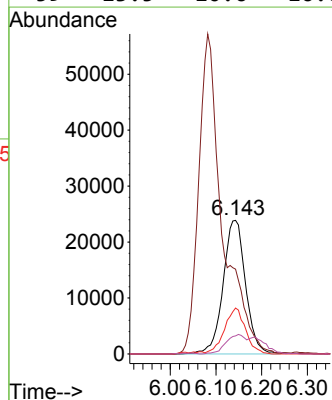
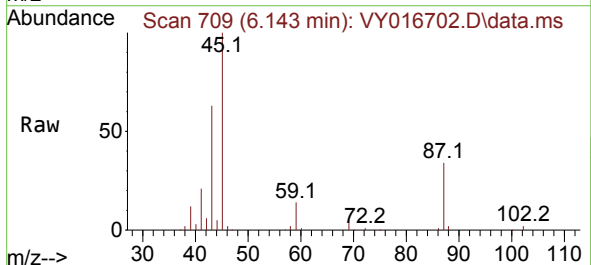
Instrument :
MSVOA_Y
ClientSampleId :

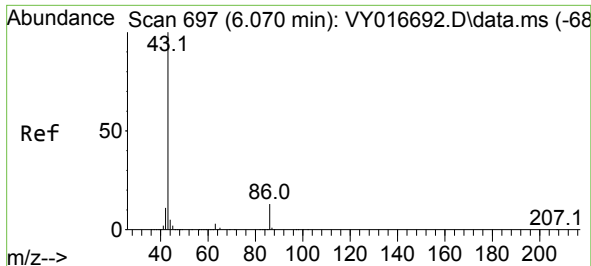
Tgt Ion: 96 Resp: 31365
Ion Ratio Lower Upper
96 100
61 120.1 100.0 150.0
98 67.9 52.2 78.2



#22
Diisopropyl ether
Concen: 20.117 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.018 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

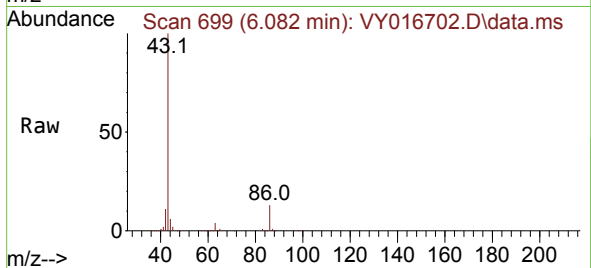
Tgt Ion: 45 Resp: 81476
Ion Ratio Lower Upper
45 100
43 62.7 42.4 63.6
87 34.4 25.0 37.4
59 13.5 10.6 16.0



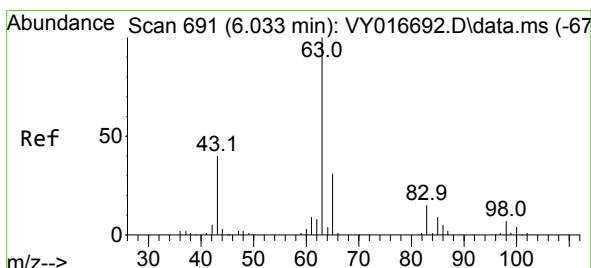
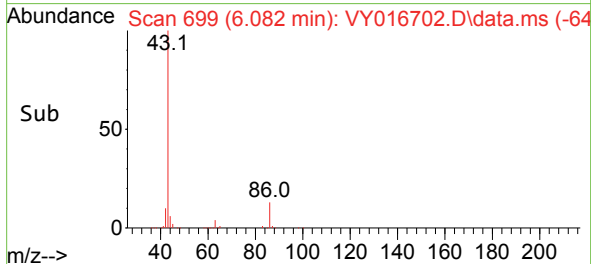
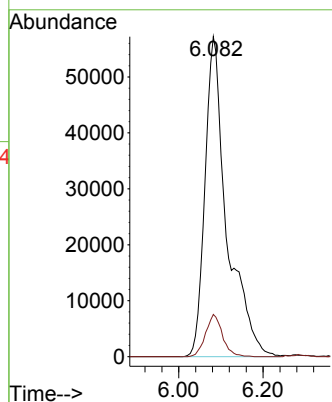


#23
 Vinyl Acetate
 Concen: 104.329 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY016702.D
 Acq: 19 Dec 2023 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :

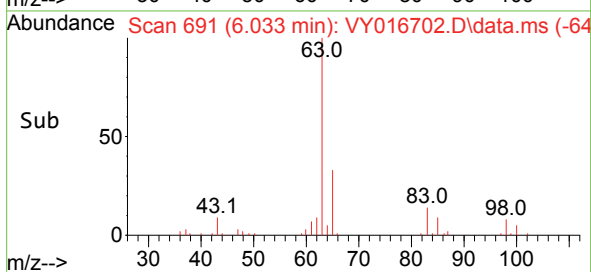
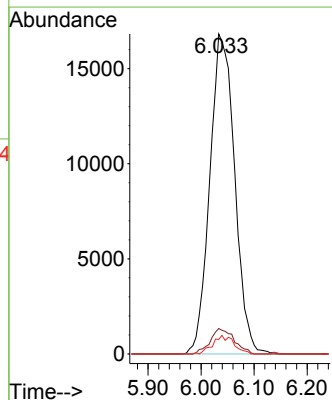
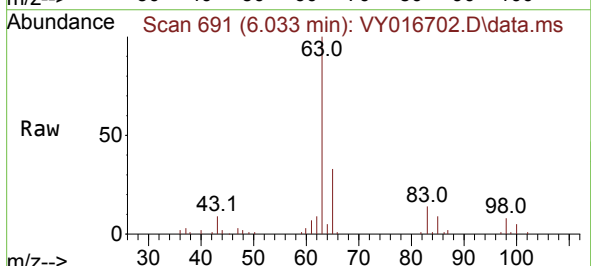


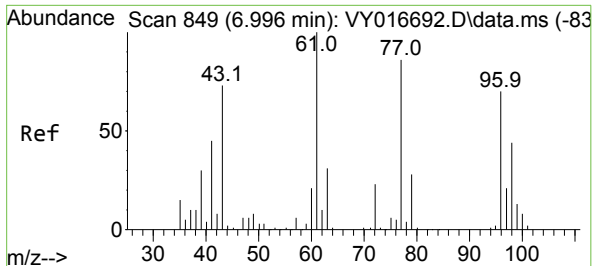
Tgt Ion: 43 Resp: 206615
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 19.641 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016702.D
 Acq: 19 Dec 2023 18:53

Tgt Ion: 63 Resp: 54782
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 4.5 2.5 7.5

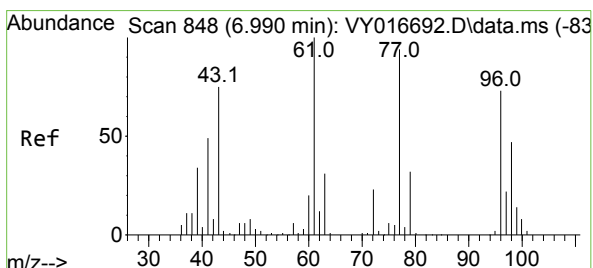
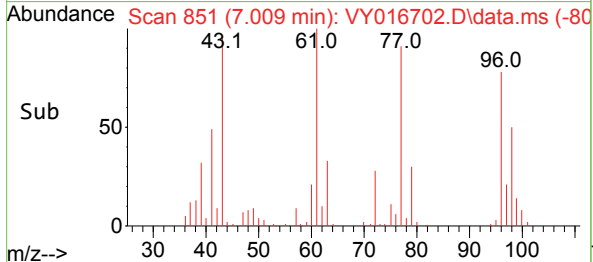
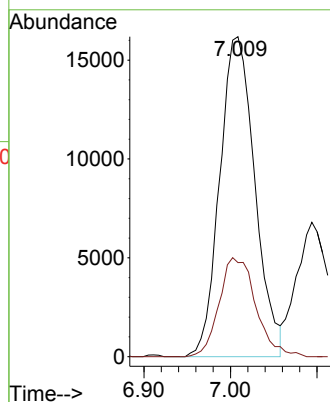
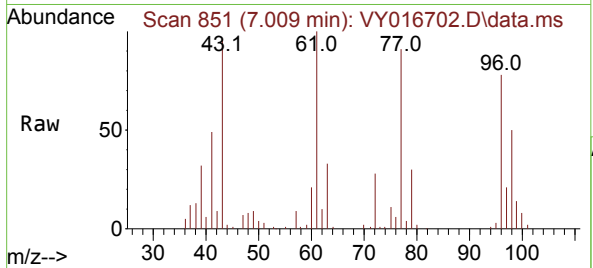




#25
2-Butanone
Concen: 108.326 ug/l
RT: 7.009 min Scan# 81
Delta R.T. 0.013 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

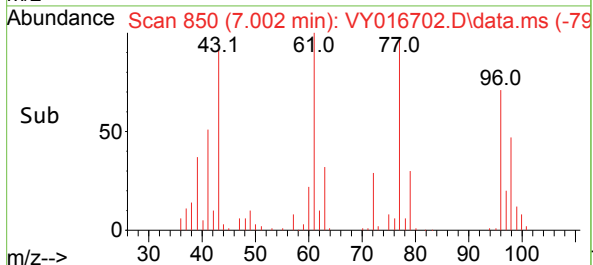
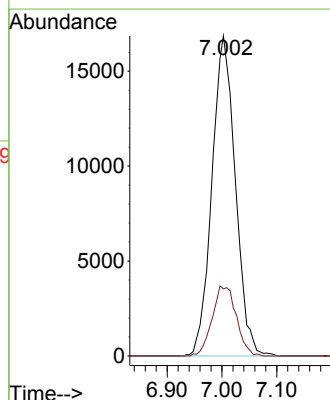
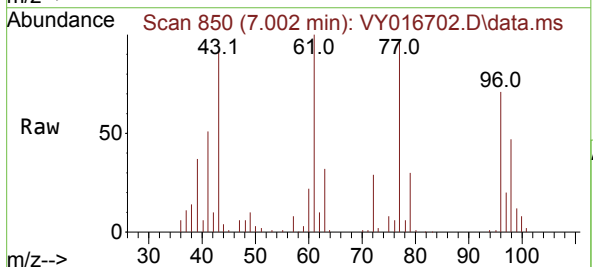
Instrument :
MSVOA_Y
ClientSampleId :

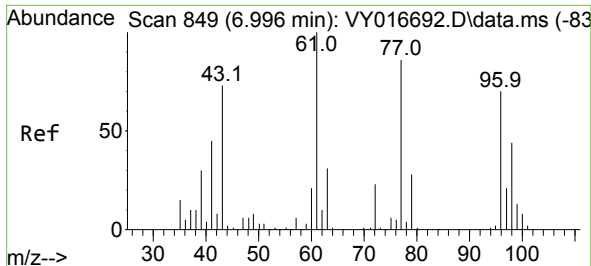
Tgt Ion: 43 Resp: 45709
Ion Ratio Lower Upper
43 100
72 29.4 26.3 39.5



#26
2,2-Dichloropropane
Concen: 19.722 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 77 Resp: 49955
Ion Ratio Lower Upper
77 100
97 22.5 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 19.894 ug/l

RT: 7.009 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

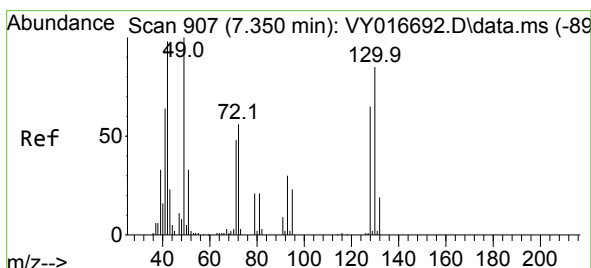
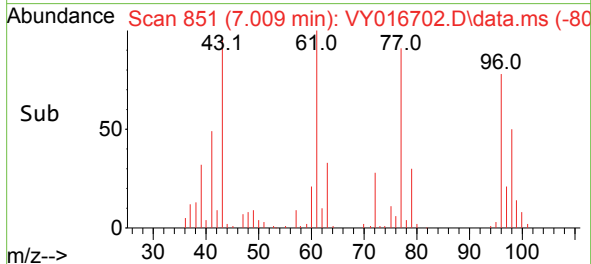
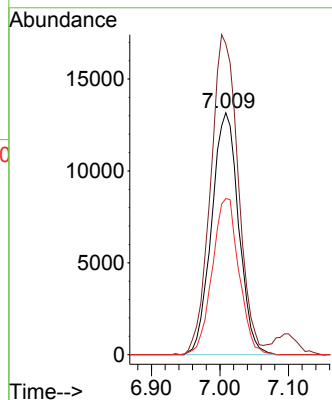
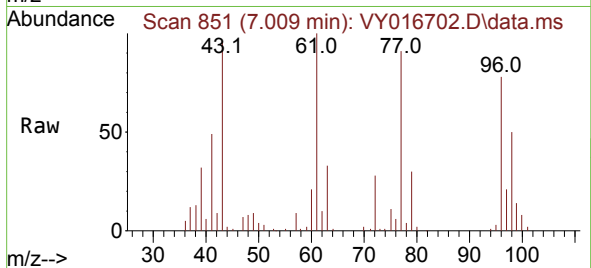
Tgt Ion: 96 Resp: 36038

Ion Ratio Lower Upper

96 100

61 134.9 0.0 255.8

98 63.9 0.0 129.2



#28

Bromochloromethane

Concen: 22.300 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

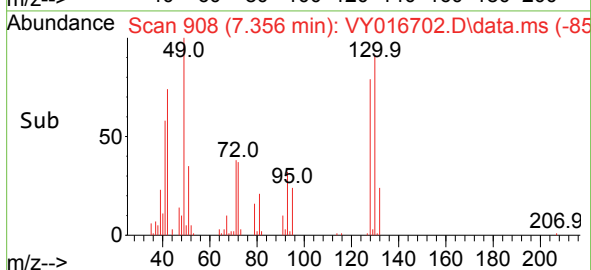
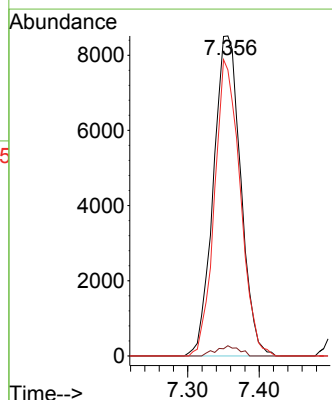
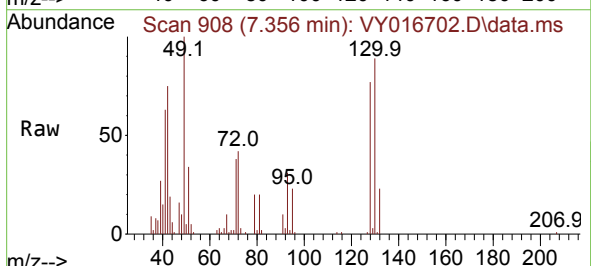
Tgt Ion: 49 Resp: 22585

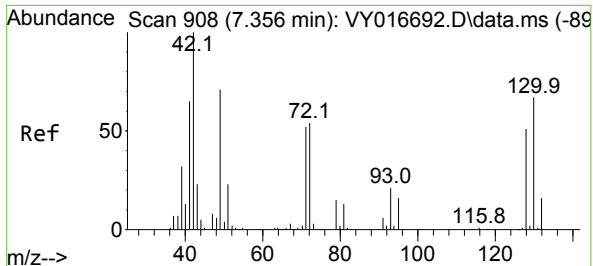
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.2

130 87.0 75.9 113.9





#29

Tetrahydrofuran

Concen: 105.981 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.018 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

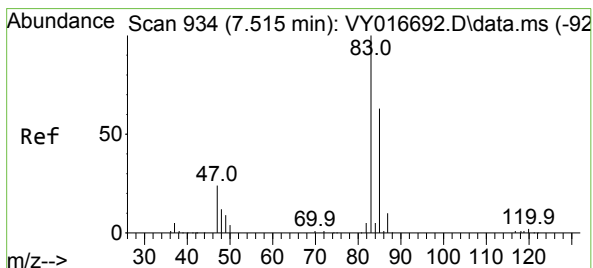
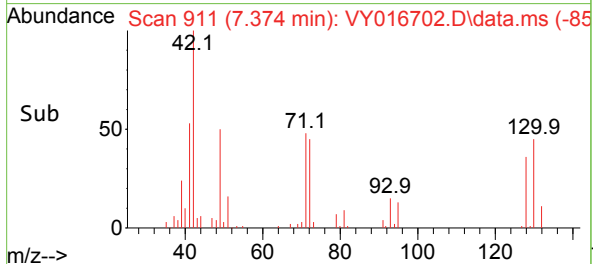
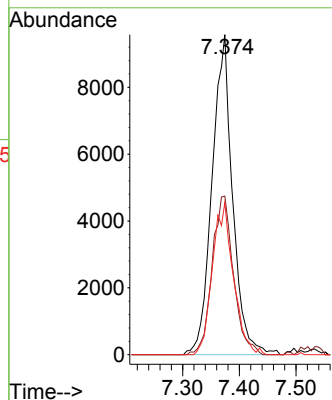
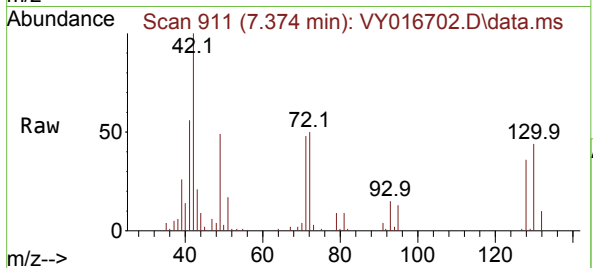
Tgt Ion: 42 Resp: 24145

Ion Ratio Lower Upper

42 100

72 51.4 40.3 60.5

71 48.5 38.9 58.3



#30

Chloroform

Concen: 20.250 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY016702.D

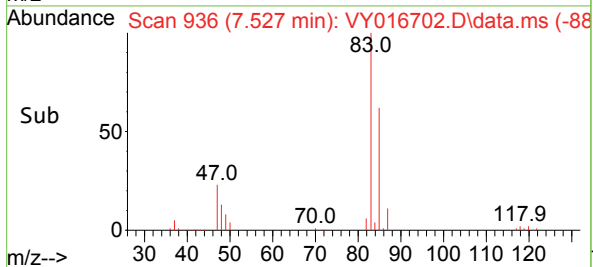
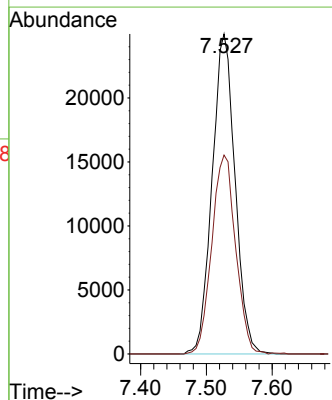
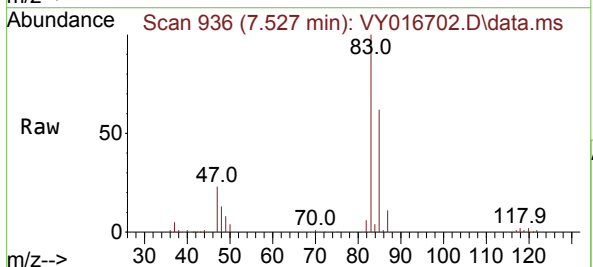
Acq: 19 Dec 2023 18:53

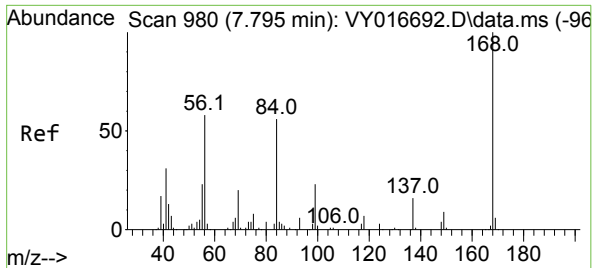
Tgt Ion: 83 Resp: 60596

Ion Ratio Lower Upper

83 100

85 62.1 52.6 78.8

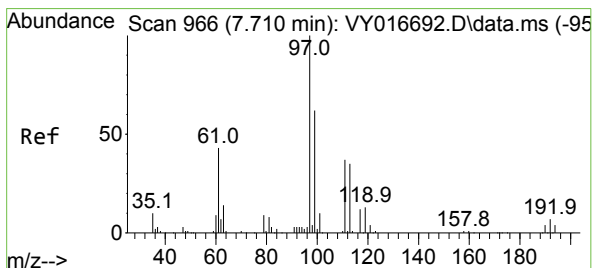
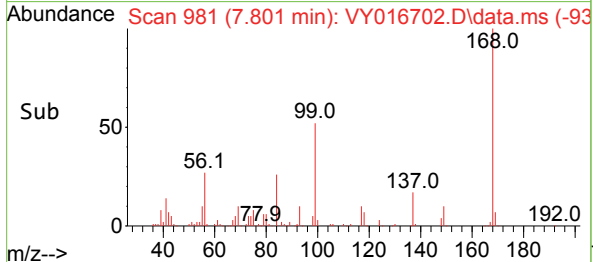
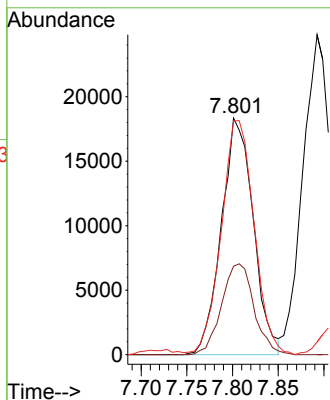
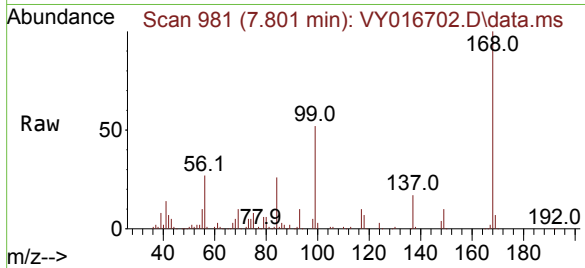




#31
Cyclohexane
Concen: 19.350 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

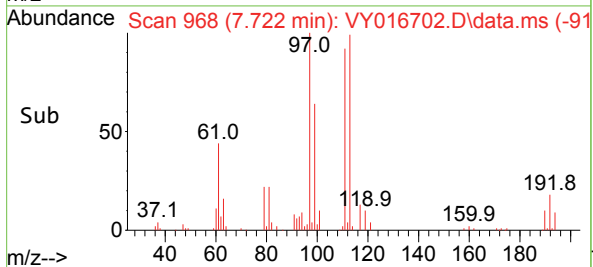
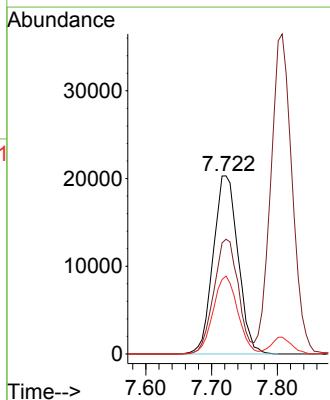
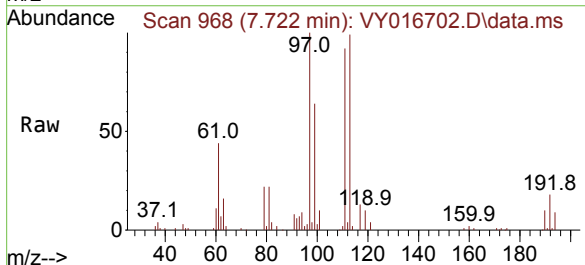
Instrument :
MSVOA_Y
ClientSampleId :

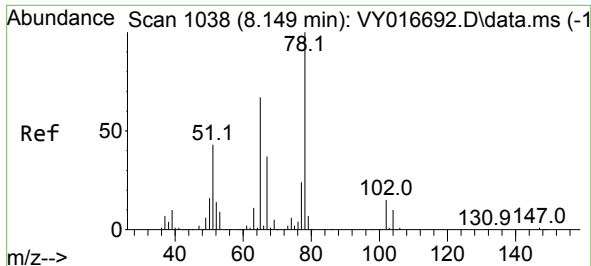
Tgt Ion: 56 Resp: 44567
Ion Ratio Lower Upper
56 100
69 37.4 27.5 41.3
84 97.4 78.1 117.1



#32
1,1,1-Trichloroethane
Concen: 20.108 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 97 Resp: 53428
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 43.3 31.6 47.4





#33

1,2-Dichloroethane-d4

Concen: 48.028 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

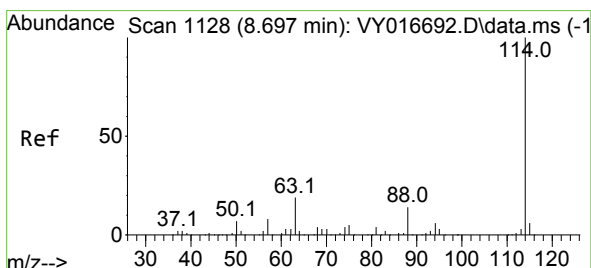
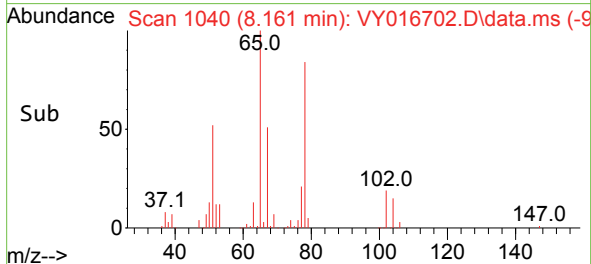
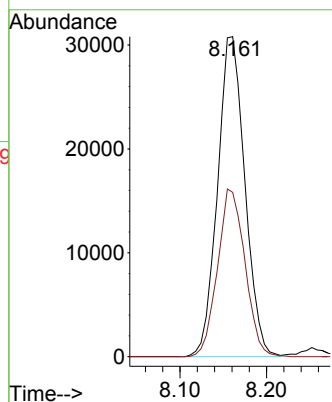
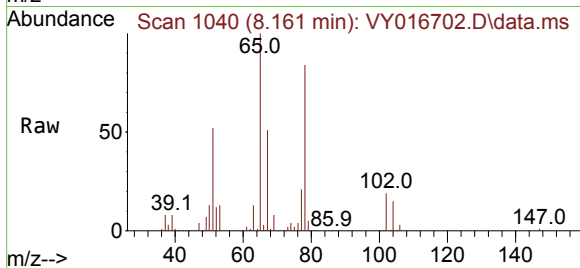
ClientSampleId :

Tgt Ion: 65 Resp: 67584

Ion Ratio Lower Upper

65 100

67 52.5 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: VY016702.D

Acq: 19 Dec 2023 18:53

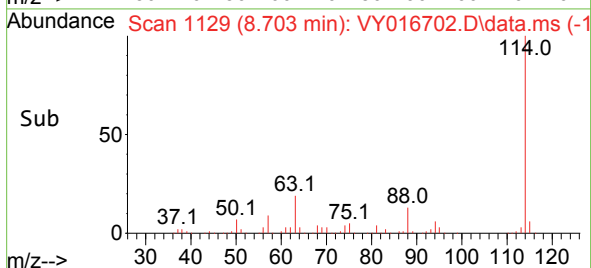
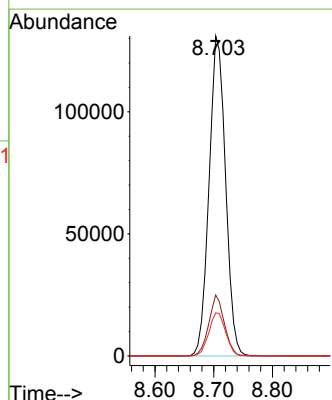
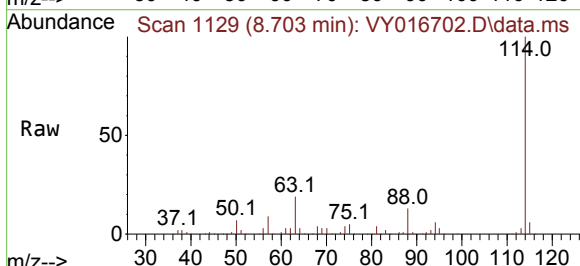
Tgt Ion: 114 Resp: 255328

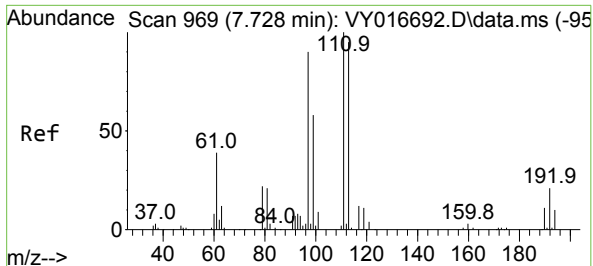
Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.0

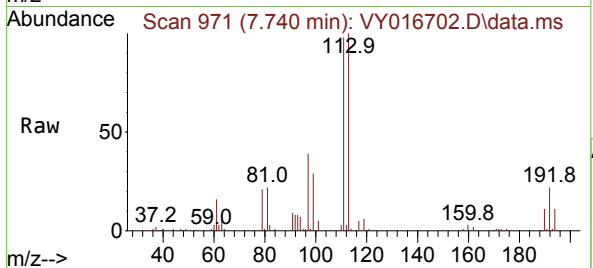
88 13.5 0.0 29.2



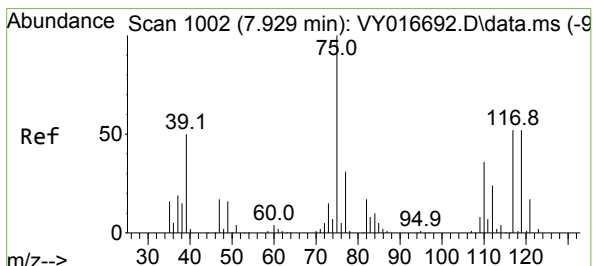
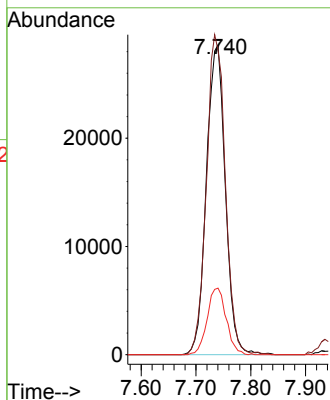
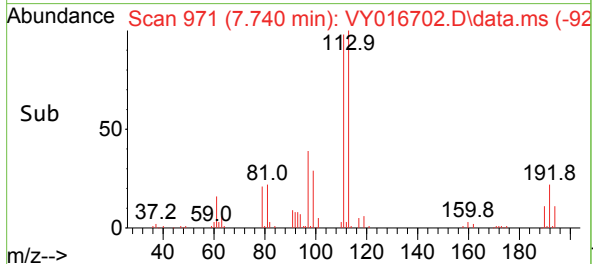


#35
Dibromofluoromethane
Concen: 45.667 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

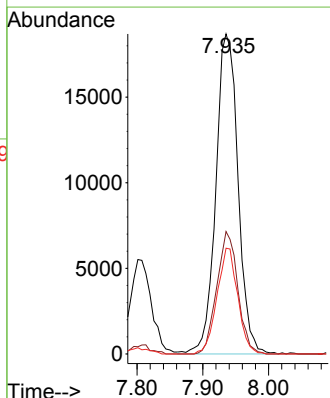
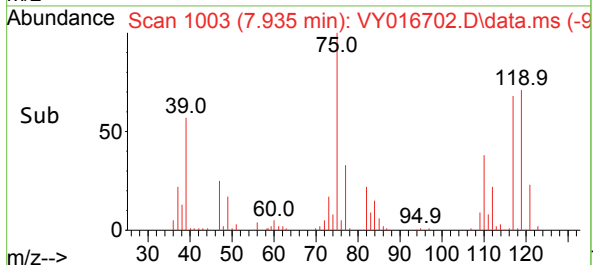
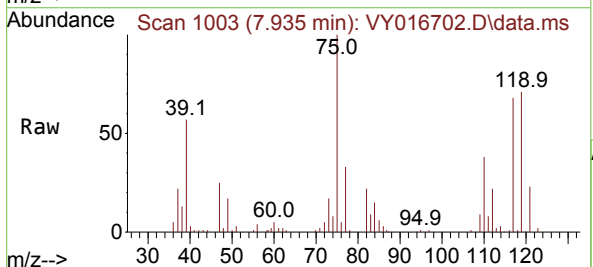


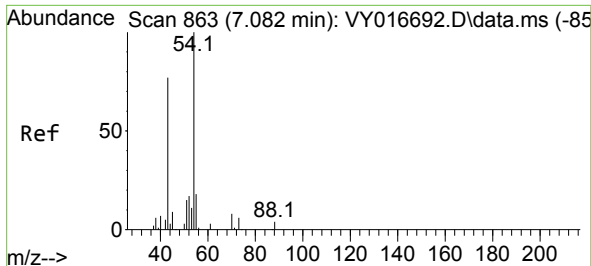
Tgt Ion:113 Resp: 68674
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 21.6 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.312 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 75 Resp: 43930
Ion Ratio Lower Upper
75 100
110 36.2 18.9 56.9
77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 22.078 ug/l

RT: 7.094 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

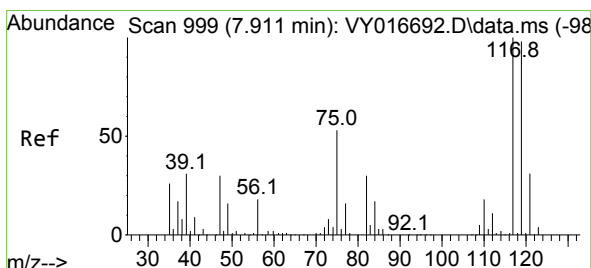
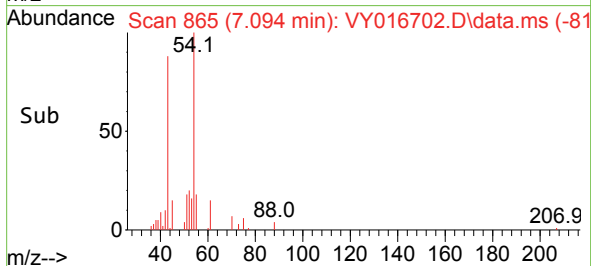
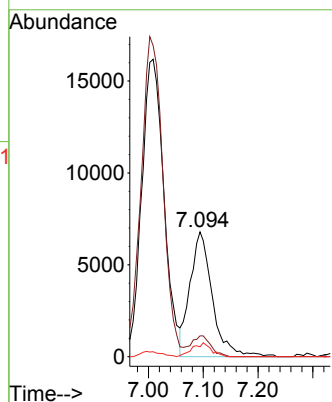
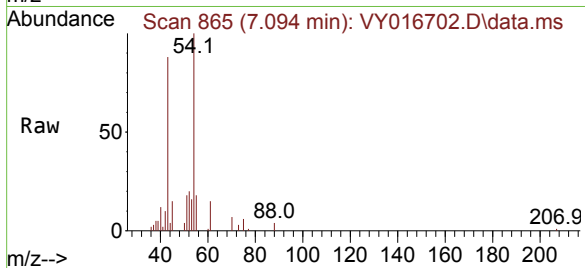
Tgt Ion: 43 Resp: 19235

Ion Ratio Lower Upper

43 100

61 15.0 13.0 19.4

70 9.4 9.9 14.9#



#38

Carbon Tetrachloride

Concen: 19.578 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

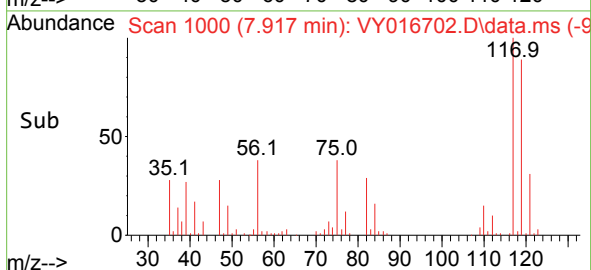
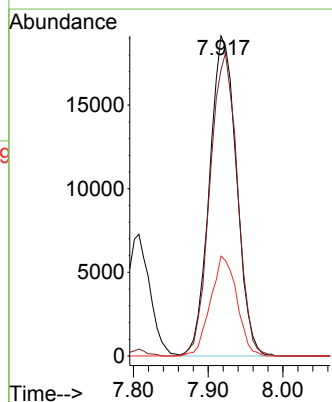
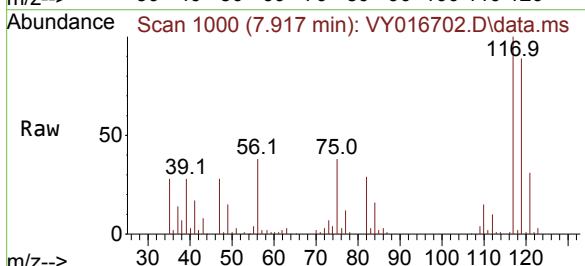
Tgt Ion: 117 Resp: 48052

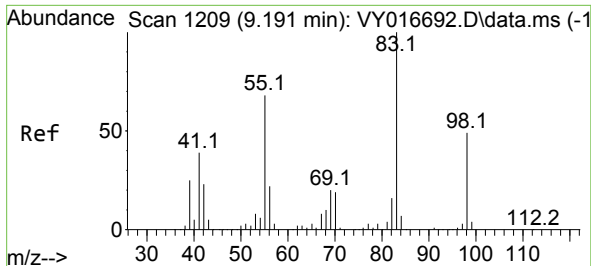
Ion Ratio Lower Upper

117 100

119 89.5 75.0 112.4

121 31.2 24.2 36.4





#39

Methylcyclohexane

Concen: 19.297 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

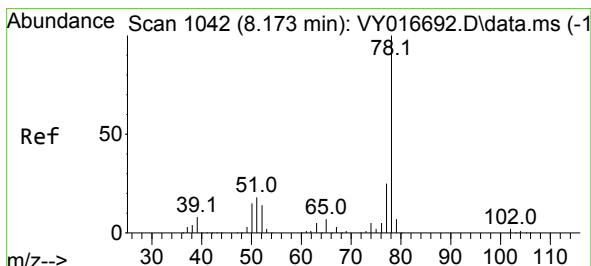
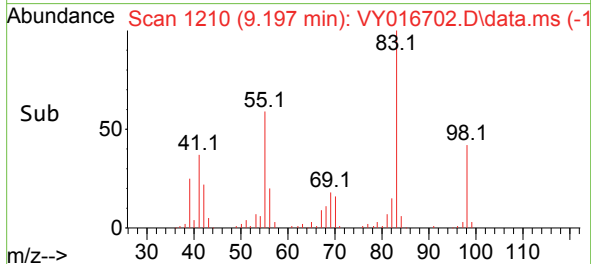
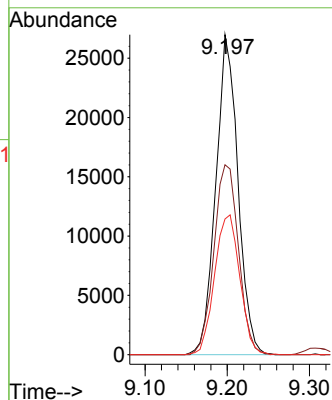
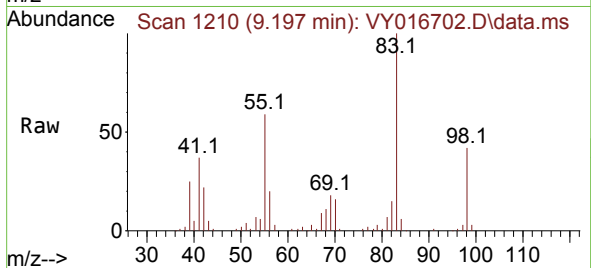
Tgt Ion: 83 Resp: 50537

Ion Ratio Lower Upper

83 100

55 59.3 54.6 81.8

98 42.4 40.1 60.1



#40

Benzene

Concen: 19.245 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016702.D

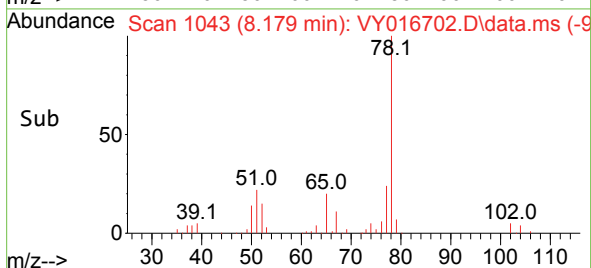
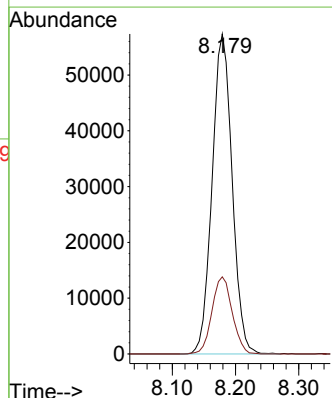
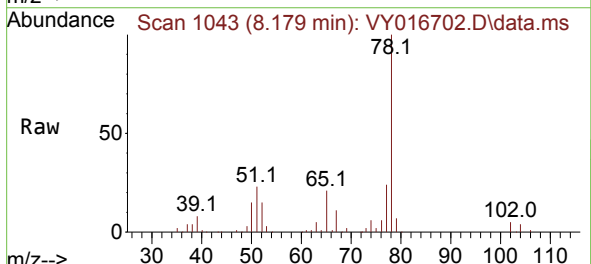
Acq: 19 Dec 2023 18:53

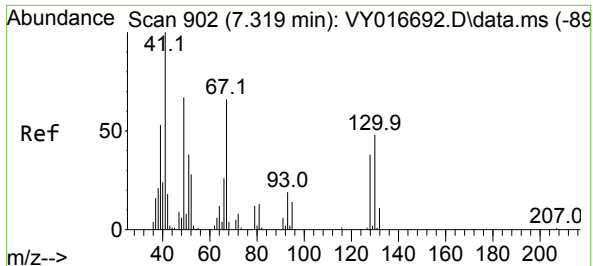
Tgt Ion: 78 Resp: 125778

Ion Ratio Lower Upper

78 100

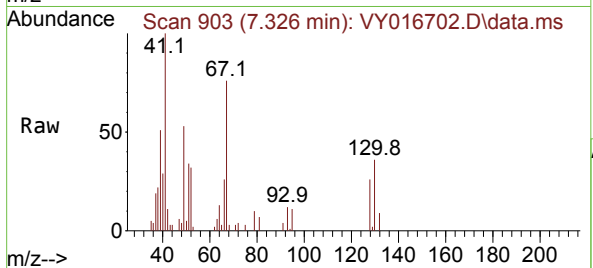
77 24.1 19.0 28.4



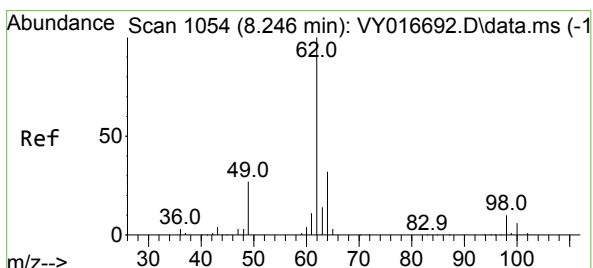
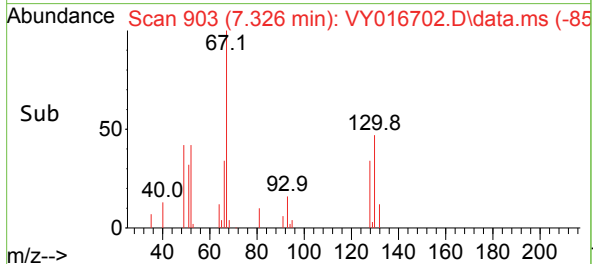
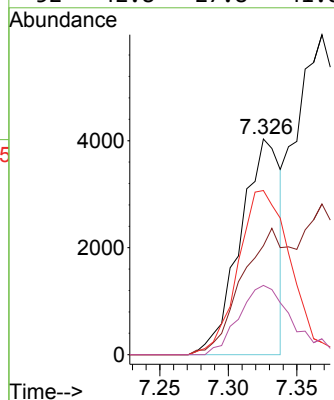


#41
Methacrylonitrile
Concen: 17.700 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

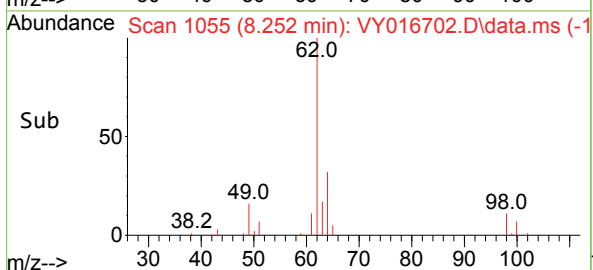
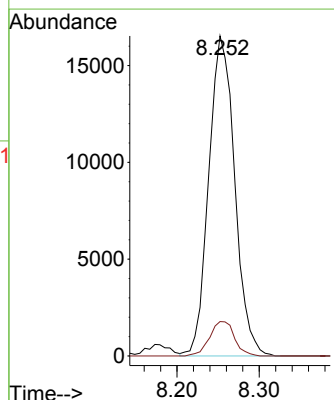
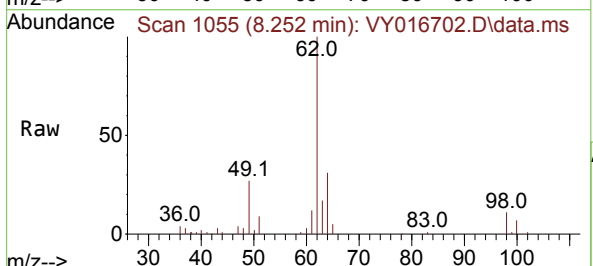


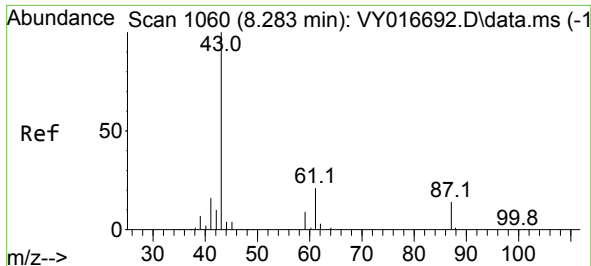
Tgt Ion: 41 Resp: 8190
Ion Ratio Lower Upper
41 100
39 75.2 47.8 71.6#
67 100.3 74.9 112.3
52 42.8 27.8 41.8#



#42
1,2-Dichloroethane
Concen: 19.647 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 62 Resp: 36334
Ion Ratio Lower Upper
62 100
98 10.3 0.0 22.4

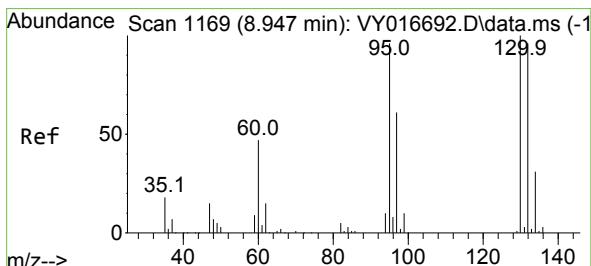
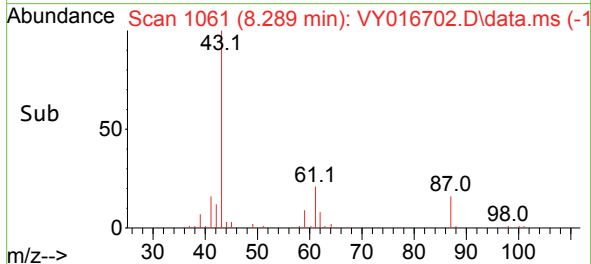
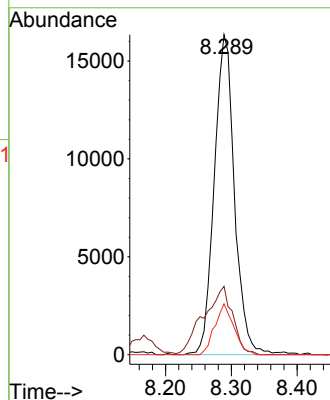
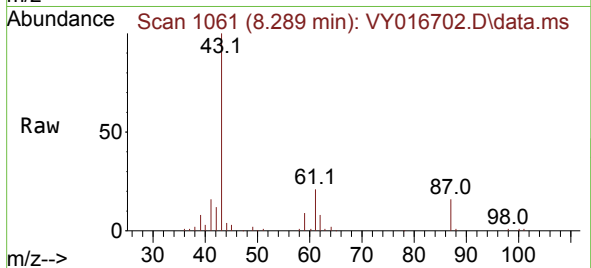




#43
Isopropyl Acetate
Concen: 20.899 ug/l
RT: 8.289 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

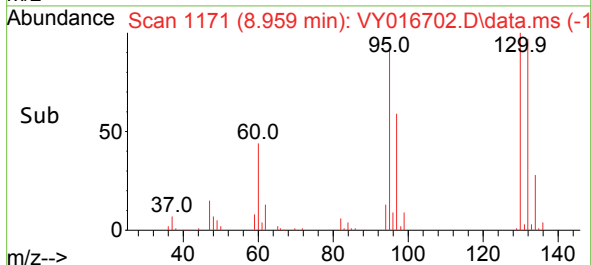
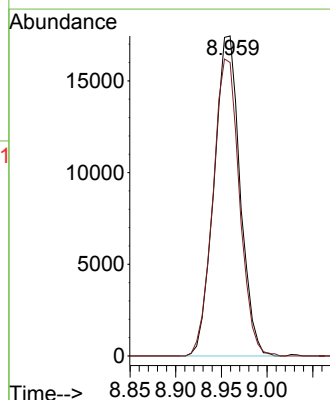
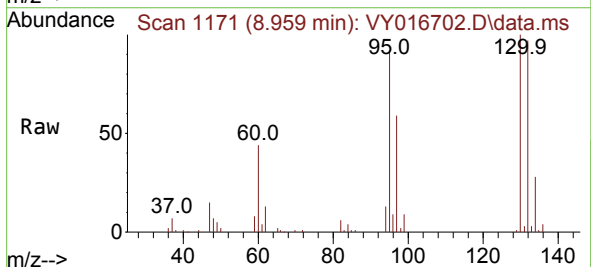
Instrument :
MSVOA_Y
ClientSampleId :

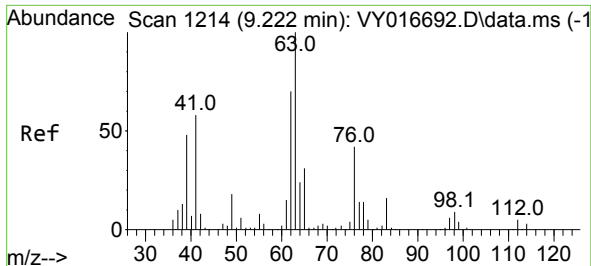
Tgt Ion: 43 Resp: 34971
Ion Ratio Lower Upper
43 100
61 30.7 27.4 41.0
87 15.0 13.2 19.8



#44
Trichloroethene
Concen: 19.243 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.012 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion:130 Resp: 34610
Ion Ratio Lower Upper
130 100
95 91.7 0.0 189.2

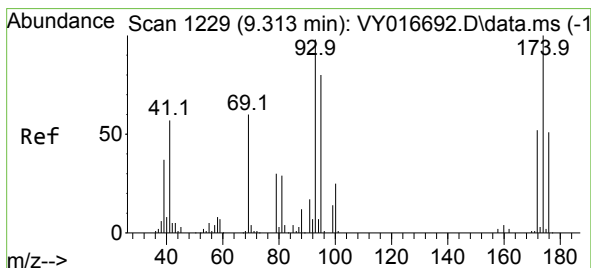
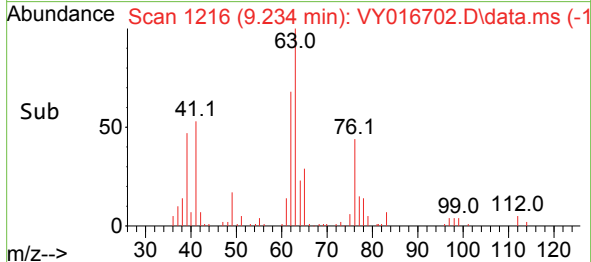
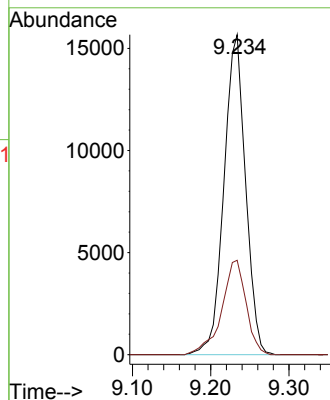
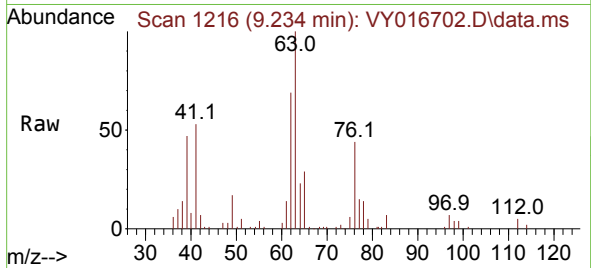




#45
1,2-Dichloropropane
Concen: 19.223 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

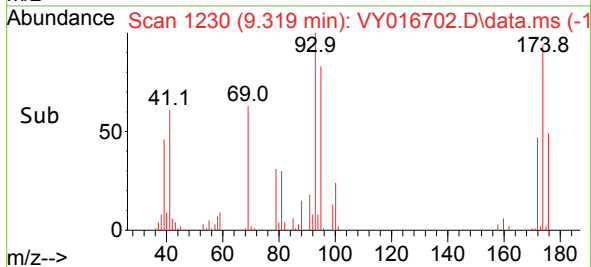
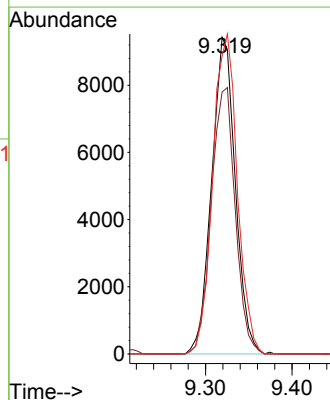
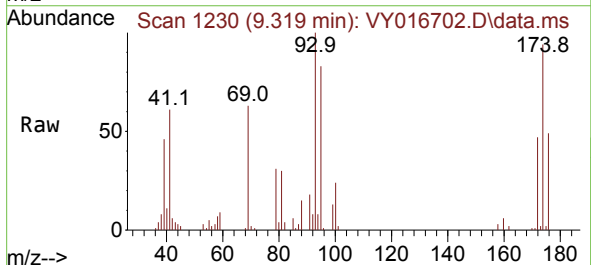
Instrument :
MSVOA_Y
ClientSampleId :

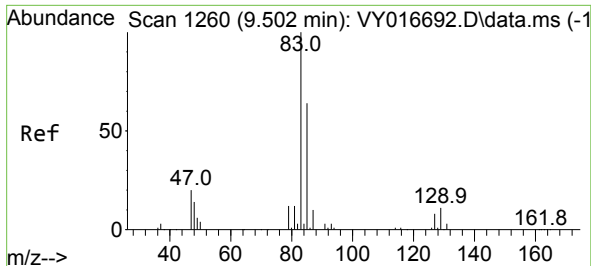
Tgt Ion: 63 Resp: 30028
Ion Ratio Lower Upper
63 100
65 29.5 24.0 36.0



#46
Dibromomethane
Concen: 20.283 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 93 Resp: 17892
Ion Ratio Lower Upper
93 100
95 85.7 66.9 100.3
174 104.7 85.2 127.8

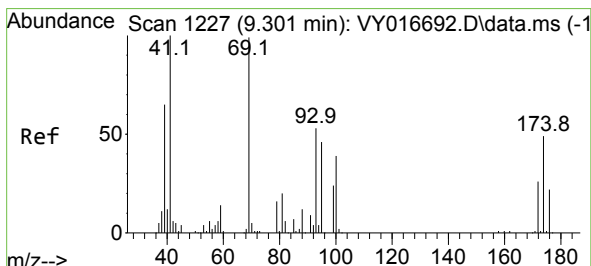
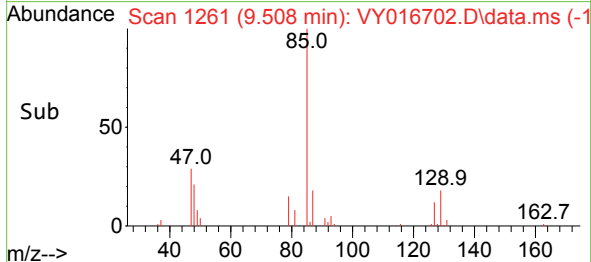
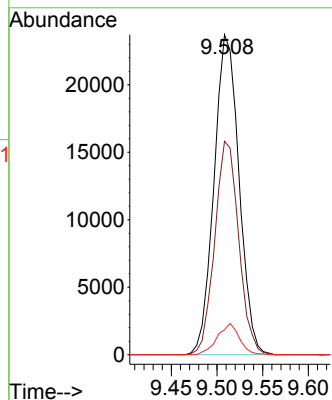
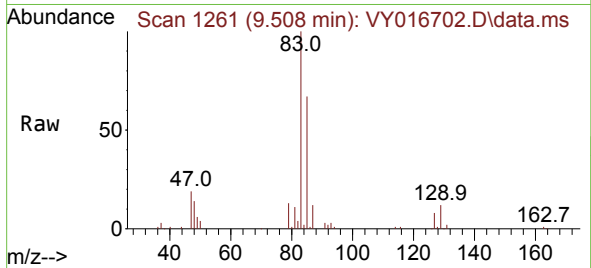




#47
Bromodichloromethane
Concen: 19.561 ug/l
RT: 9.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

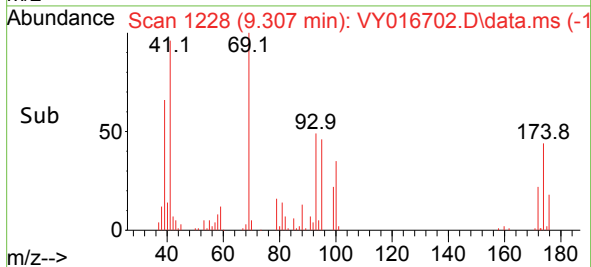
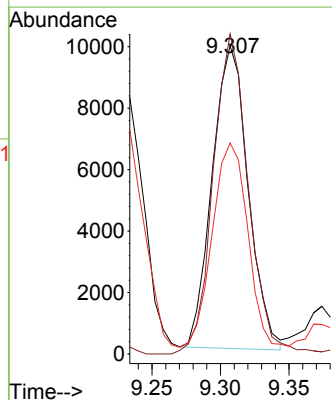
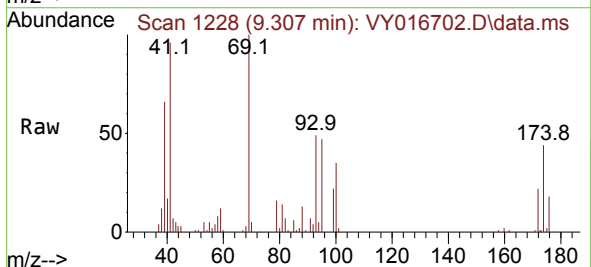
Instrument :
MSVOA_Y
ClientSampleId :

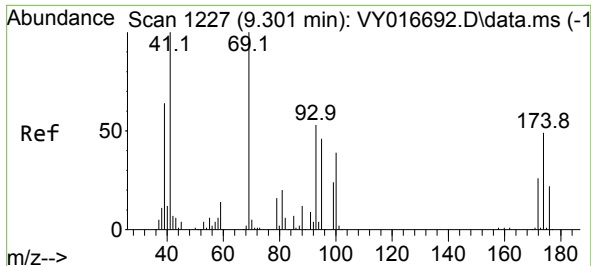
Tgt Ion: 83 Resp: 45054
Ion Ratio Lower Upper
83 100
85 66.7 51.4 77.0
127 7.8 7.3 10.9



#48
Methyl methacrylate
Concen: 19.763 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 41 Resp: 17943
Ion Ratio Lower Upper
41 100
69 103.9 85.5 128.3
39 71.7 40.9 61.3#





#49

1,4-Dioxane

Concen: 431.679 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

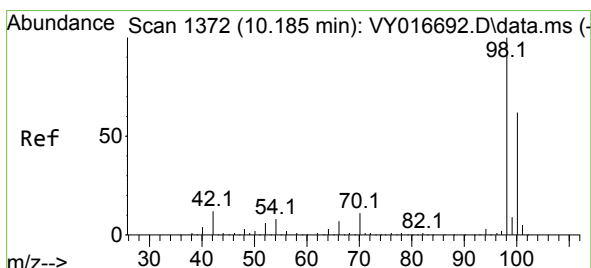
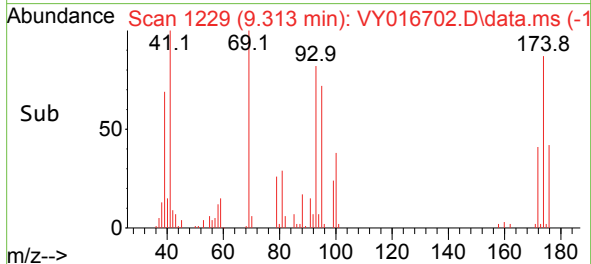
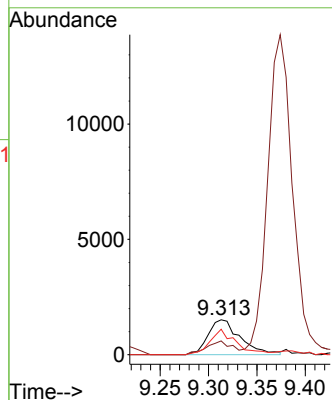
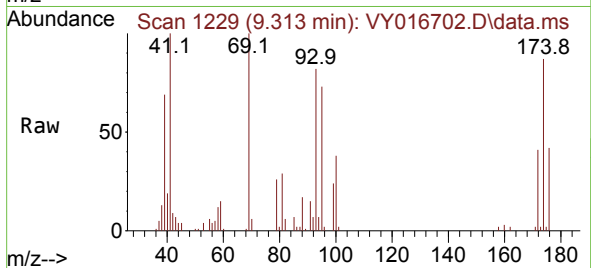
Tgt Ion: 88 Resp: 3506

Ion Ratio Lower Upper

88 100

43 30.6 0.0 0.0#

58 58.6 54.0 81.0



#50

Toluene-d8

Concen: 46.824 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY016702.D

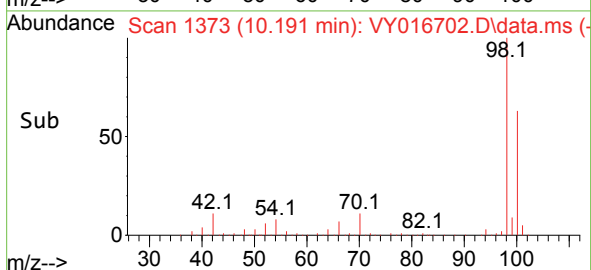
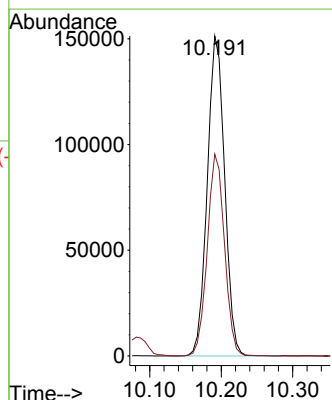
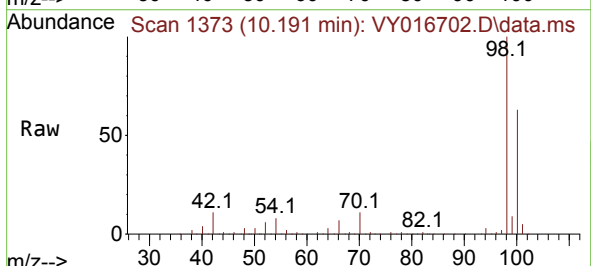
Acq: 19 Dec 2023 18:53

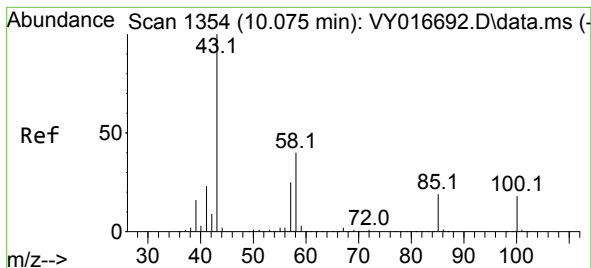
Tgt Ion: 98 Resp: 255009

Ion Ratio Lower Upper

98 100

100 62.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 105.400 ug/l

RT: 10.081 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

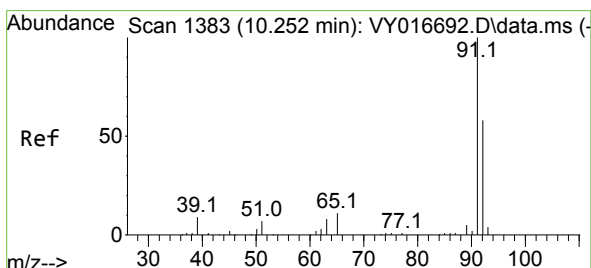
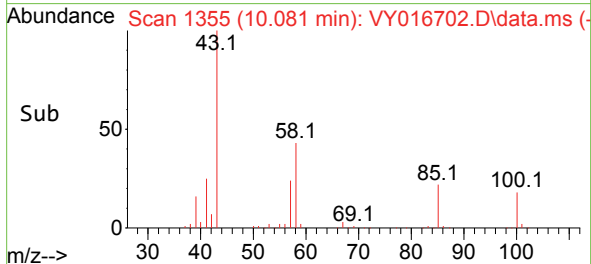
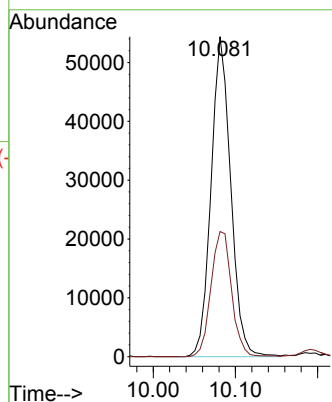
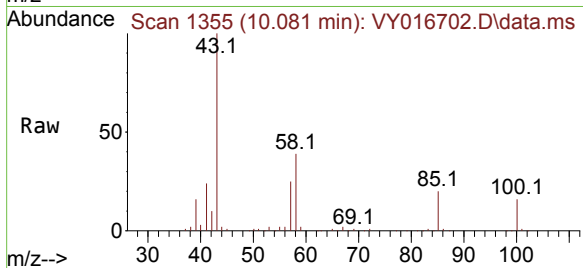
ClientSampleId :

Tgt Ion: 43 Resp: 90523

Ion Ratio Lower Upper

43 100

58 41.0 35.8 53.8



#52

Toluene

Concen: 19.540 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016702.D

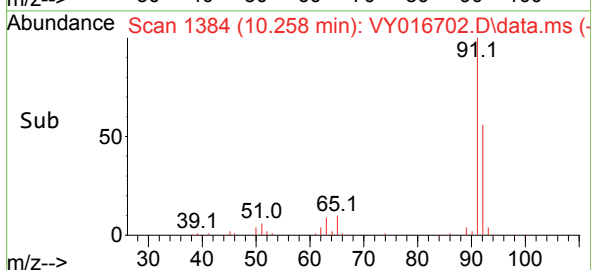
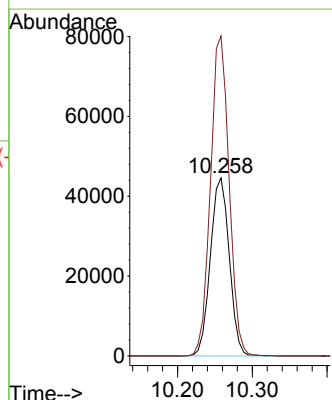
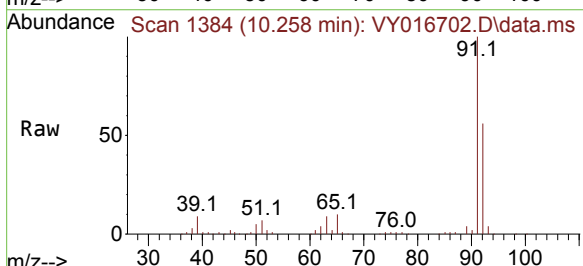
Acq: 19 Dec 2023 18:53

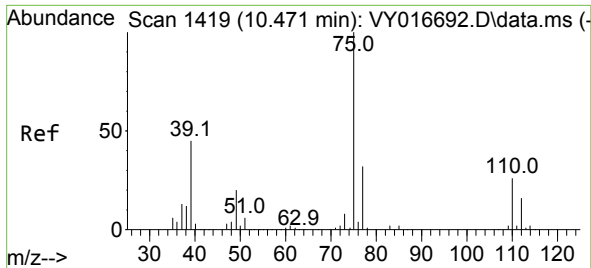
Tgt Ion: 92 Resp: 78135

Ion Ratio Lower Upper

92 100

91 177.2 136.3 204.5

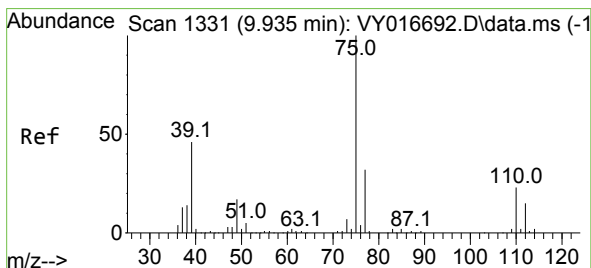
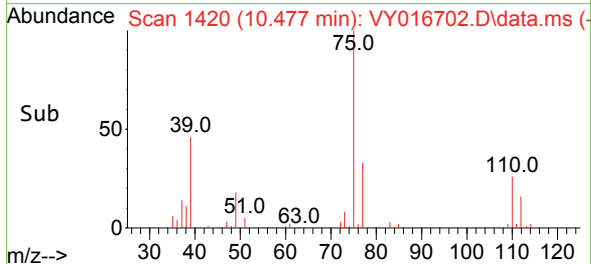
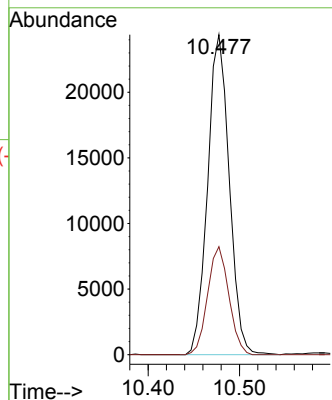
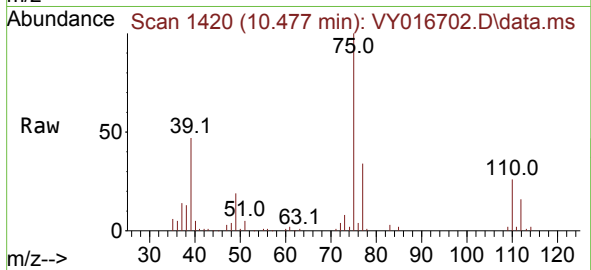




#53
 t-1,3-Dichloropropene
 Concen: 19.416 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016702.D
 Acq: 19 Dec 2023 18:53

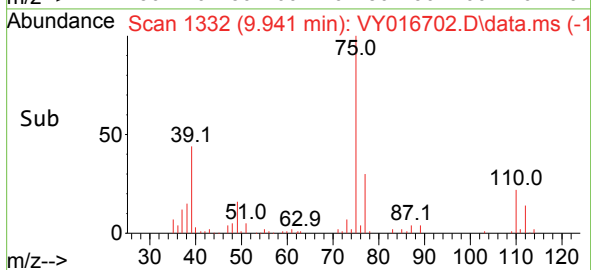
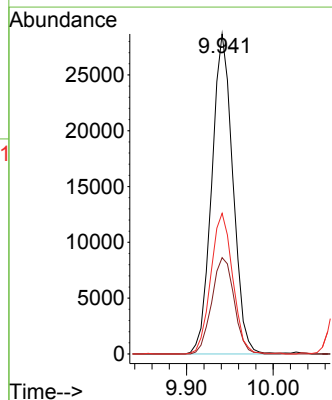
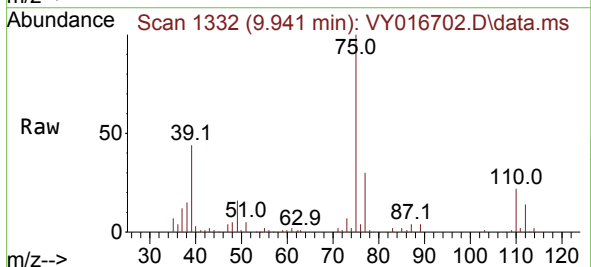
Instrument :
 MSVOA_Y
 ClientSampleId :

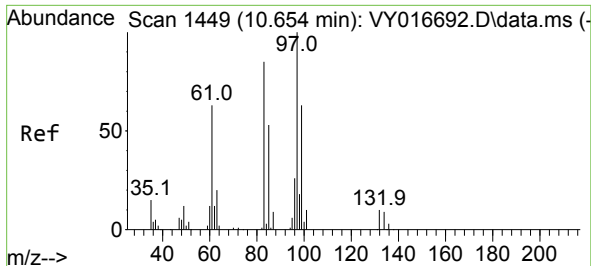
Tgt Ion: 75 Resp: 40042
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.871 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY016702.D
 Acq: 19 Dec 2023 18:53

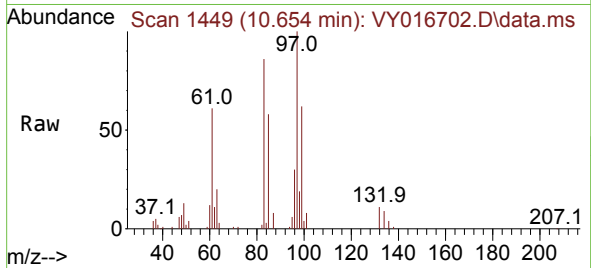
Tgt Ion: 75 Resp: 48558
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.0
 39 44.0 29.7 44.5



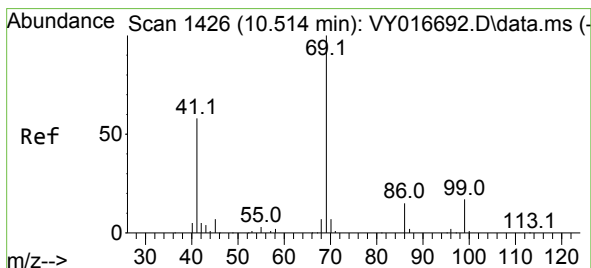
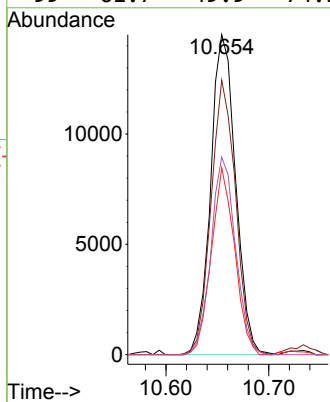
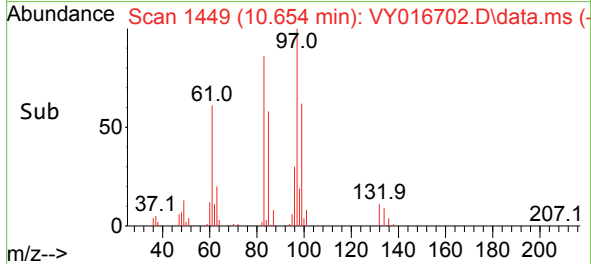


#55
1,1,2-Trichloroethane
Concen: 20.050 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

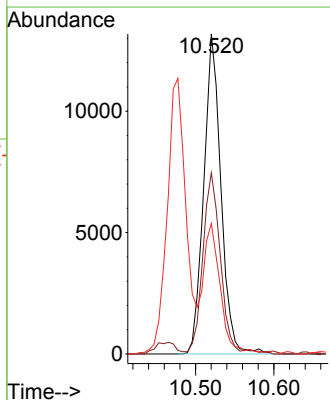
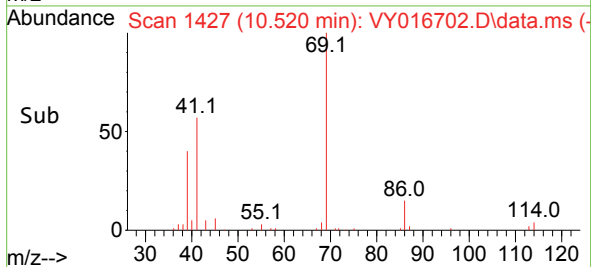
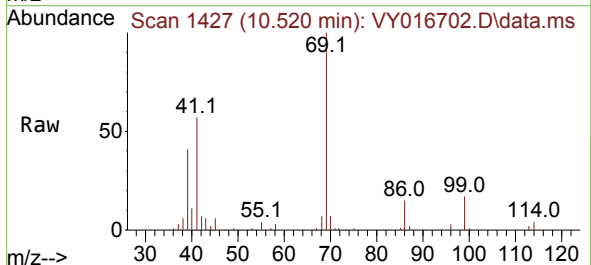


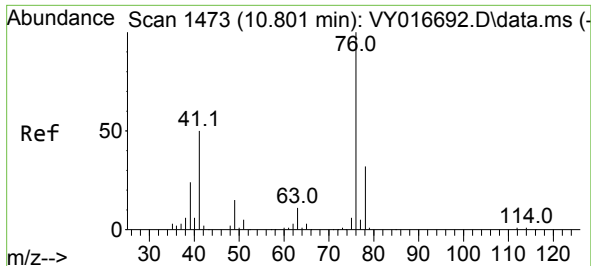
Tgt Ion:	97	Resp:	24432
Ion	Ratio	Lower	Upper
97	100		
83	85.8	65.8	98.6
85	58.4	43.4	65.2
99	61.7	49.9	74.9



#56
Ethyl methacrylate
Concen: 20.243 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion:	69	Resp:	20073
Ion	Ratio	Lower	Upper
69	100		
41	56.7	44.6	67.0
39	40.2	21.5	32.3

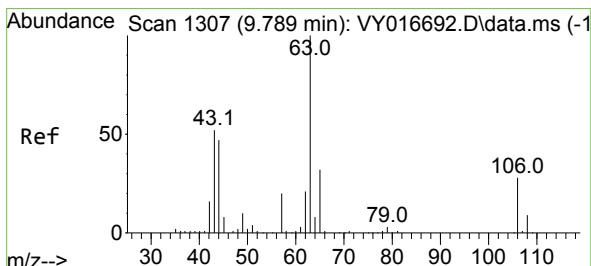
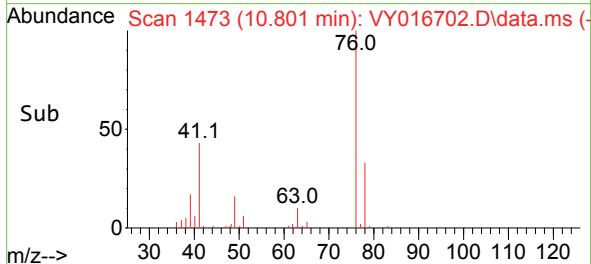
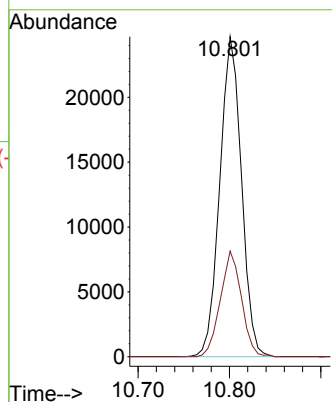
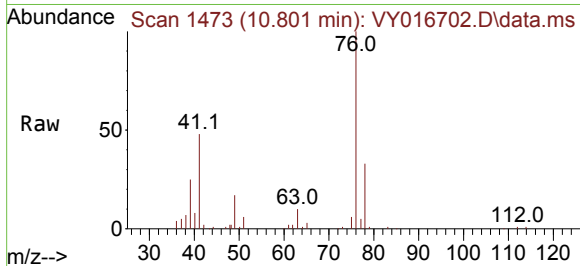




#57
1,3-Dichloropropane
Concen: 20.227 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

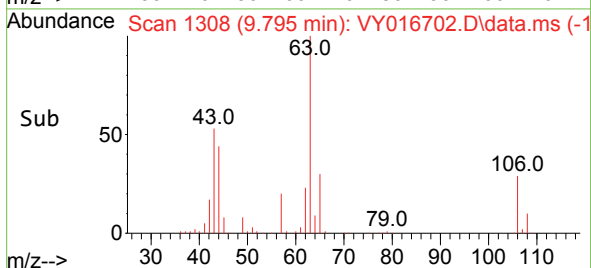
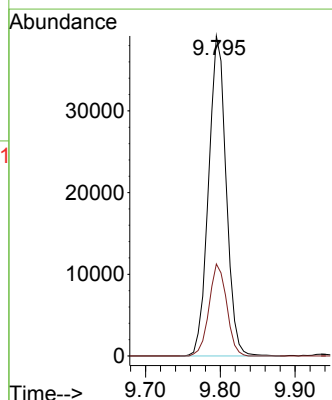
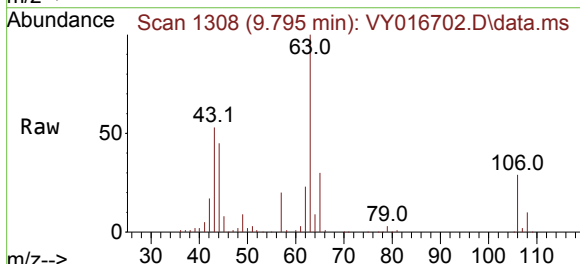
Instrument :
MSVOA_Y
ClientSampleId :

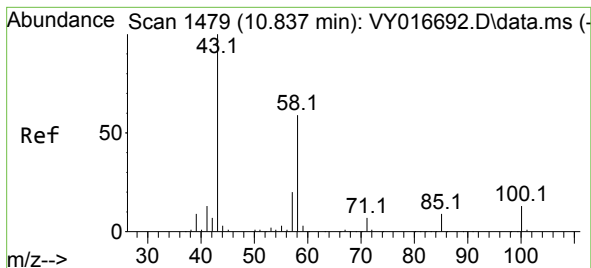
Tgt Ion:	76	Resp:	40669
Ion Ratio	Lower	Upper	
76	100		
78	32.1	26.2	39.4



#58
2-Chloroethyl Vinyl ether
Concen: 105.908 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion:	63	Resp:	64007
Ion Ratio	Lower	Upper	
63	100		
106	28.7	25.4	38.2





#59

2-Hexanone

Concen: 109.636 ug/l

RT: 10.843 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

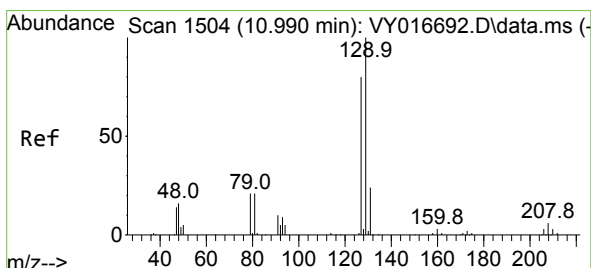
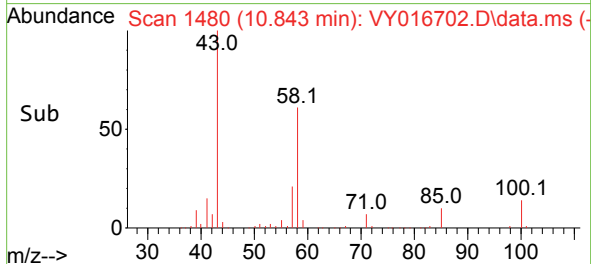
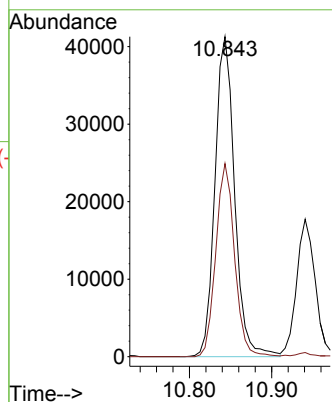
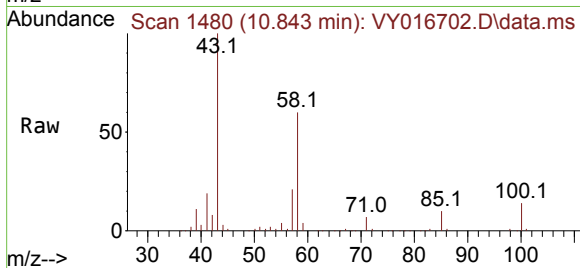
ClientSampleId :

Tgt Ion: 43 Resp: 68603

Ion Ratio Lower Upper

43 100

58 57.6 30.8 92.4



#60

Dibromochloromethane

Concen: 20.030 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. 0.006 min

Lab File: VY016702.D

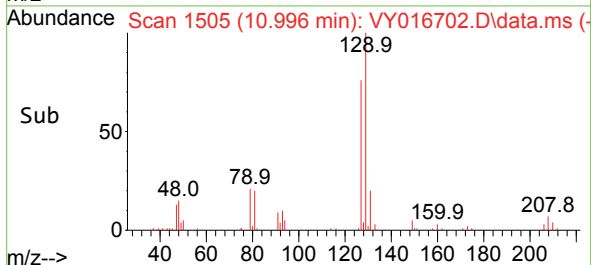
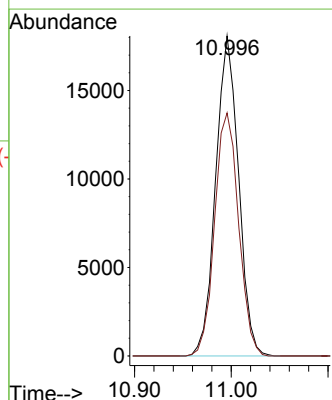
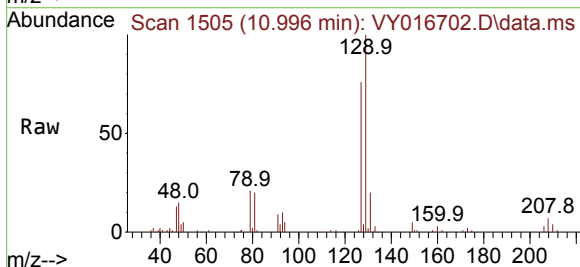
Acq: 19 Dec 2023 18:53

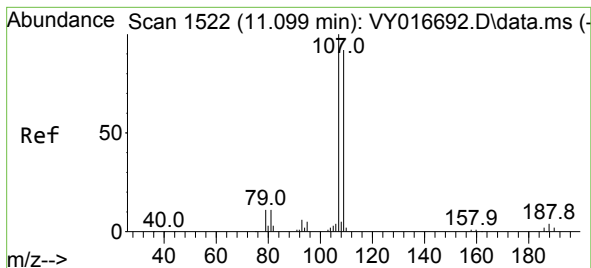
Tgt Ion:129 Resp: 29634

Ion Ratio Lower Upper

129 100

127 79.7 38.0 113.9

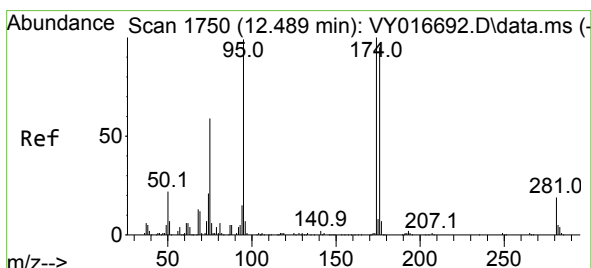
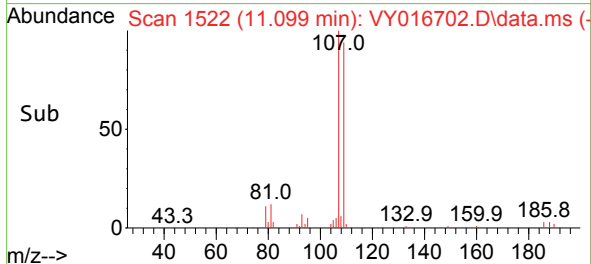
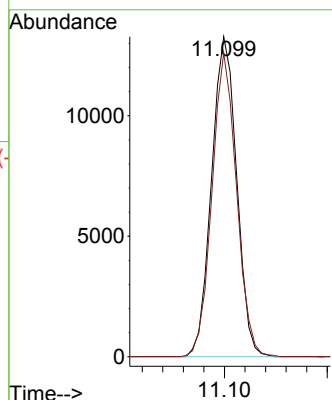
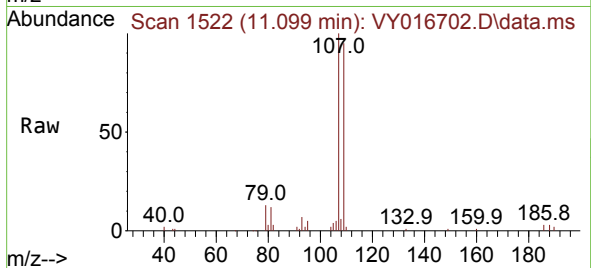




#61
1,2-Dibromoethane
Concen: 20.473 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

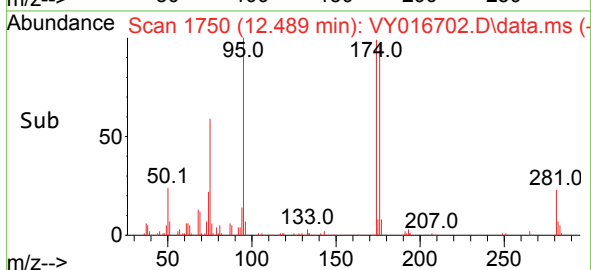
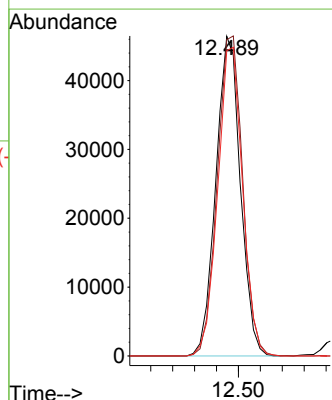
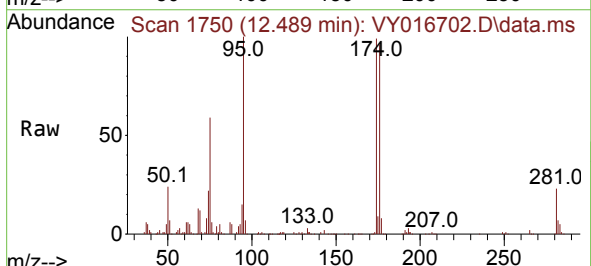
Instrument :
MSVOA_Y
ClientSampleId :

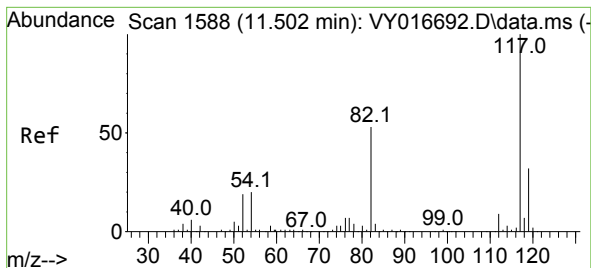
Tgt Ion:107 Resp: 22468
Ion Ratio Lower Upper
107 100
109 92.9 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 46.681 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 95 Resp: 72285
Ion Ratio Lower Upper
95 100
174 103.0 0.0 181.0
176 97.7 0.0 176.6

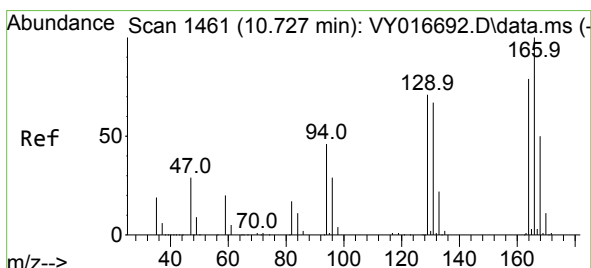
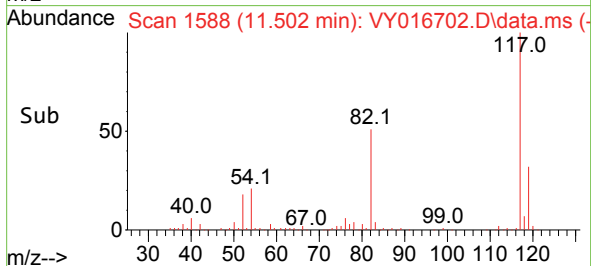
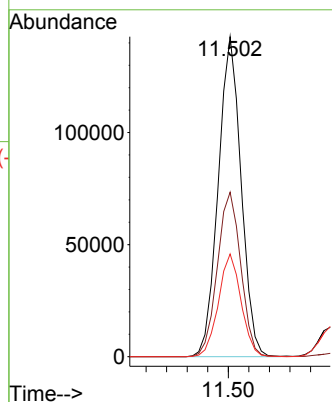
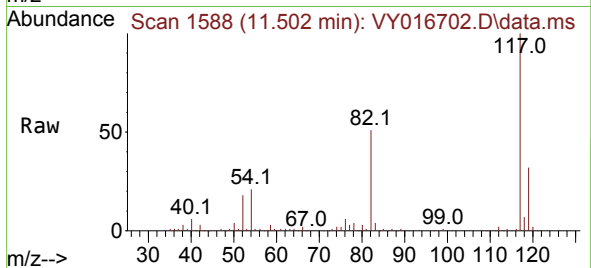




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

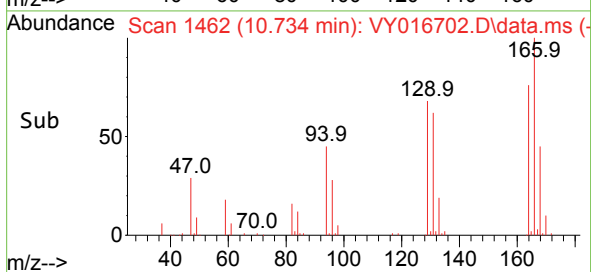
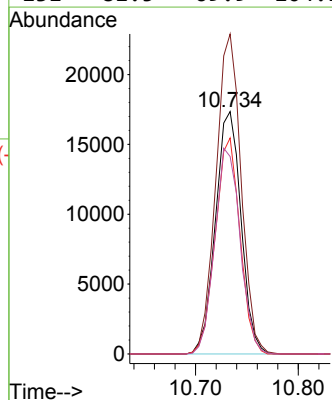
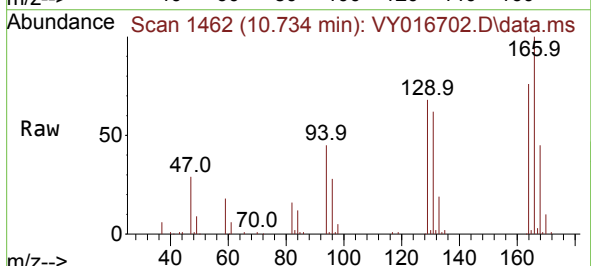
Instrument :
MSVOA_Y
ClientSampleId :

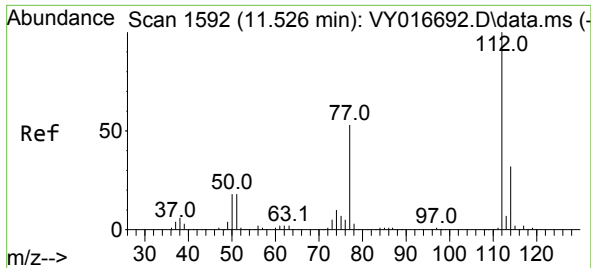
Tgt Ion:117 Resp: 220175
Ion Ratio Lower Upper
117 100
82 51.4 41.0 61.6
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 19.737 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion:164 Resp: 29975
Ion Ratio Lower Upper
164 100
166 132.0 103.9 155.9
129 89.1 71.4 107.2
131 81.5 69.9 104.9

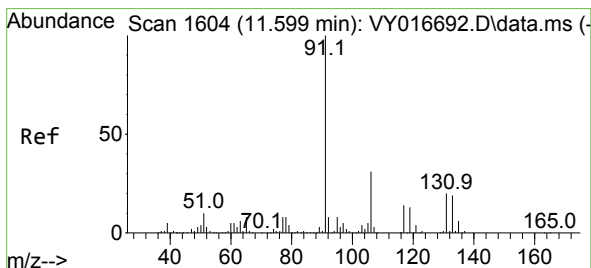
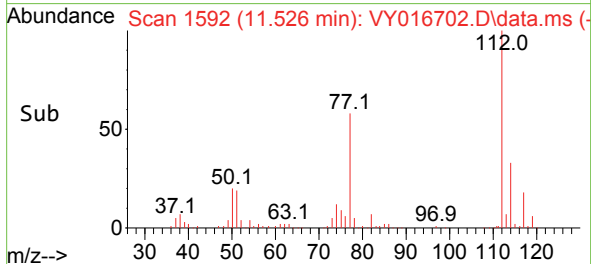
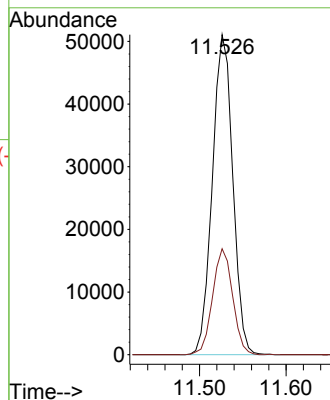
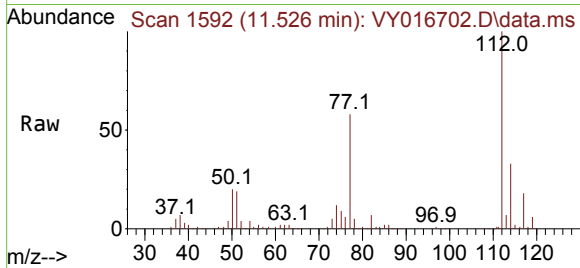




#65
Chlorobenzene
Concen: 19.198 ug/l
RT: 11.526 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

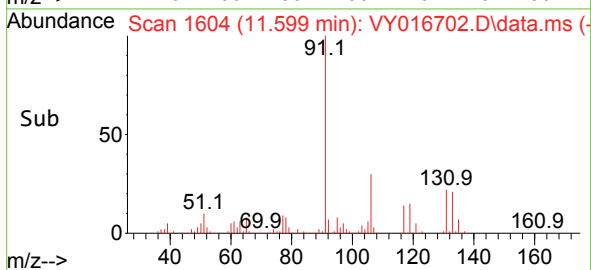
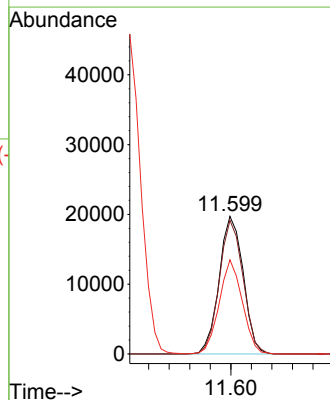
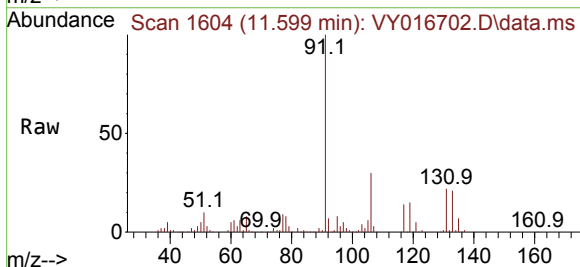
Instrument :
MSVOA_Y
ClientSampleId :

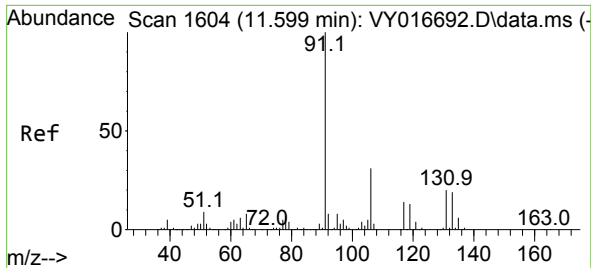
Tgt Ion:112 Resp: 83708
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.993 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion:131 Resp: 32083
Ion Ratio Lower Upper
131 100
133 96.0 48.5 145.6
119 65.6 32.9 98.7





#67

Ethyl Benzene

Concen: 18.924 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

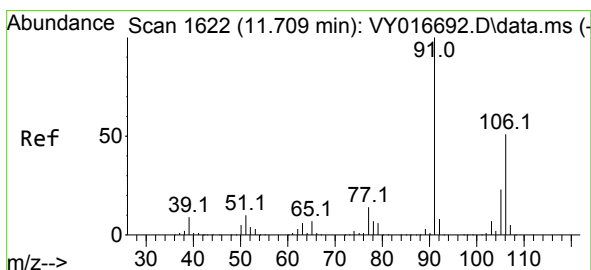
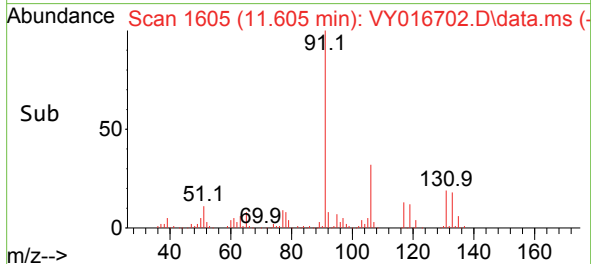
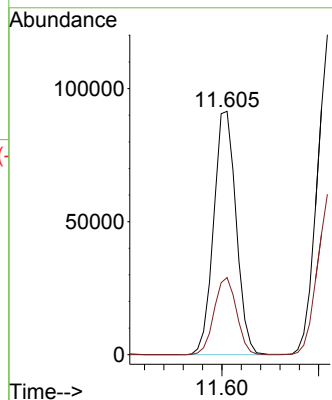
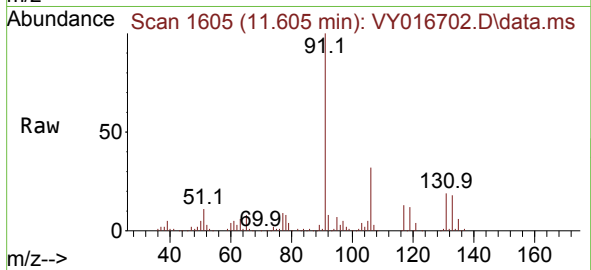
ClientSampleId :

Tgt Ion: 91 Resp: 147409

Ion Ratio Lower Upper

91 100

106 31.7 24.7 37.1



#68

m/p-Xylenes

Concen: 38.037 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016702.D

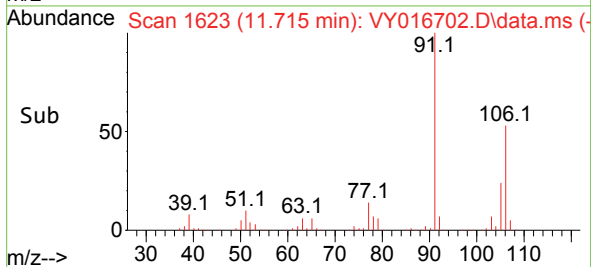
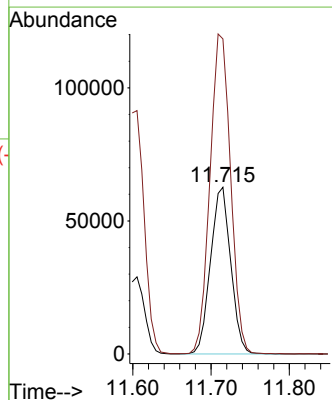
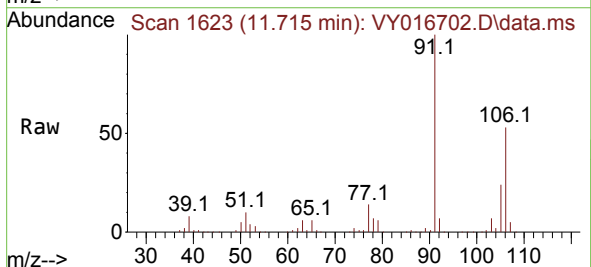
Acq: 19 Dec 2023 18:53

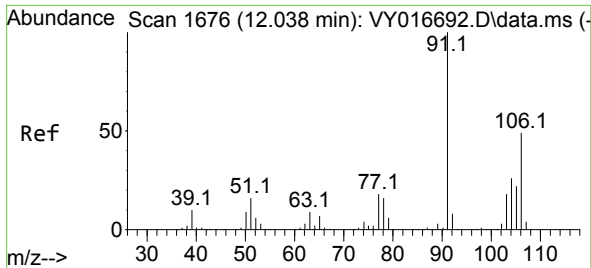
Tgt Ion:106 Resp: 112311

Ion Ratio Lower Upper

106 100

91 196.2 156.2 234.2

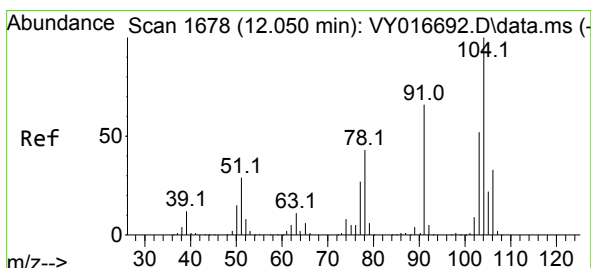
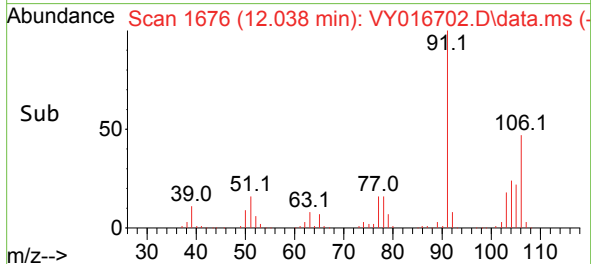
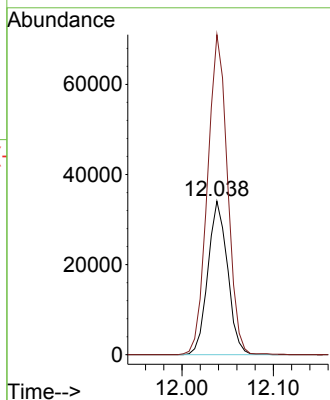
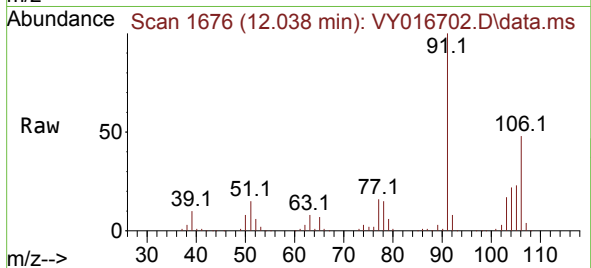




#69
o-Xylene
Concen: 18.833 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

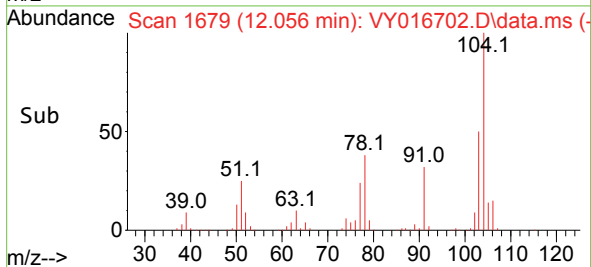
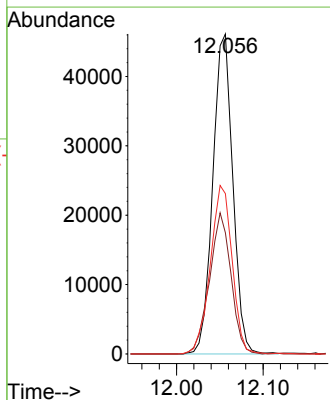
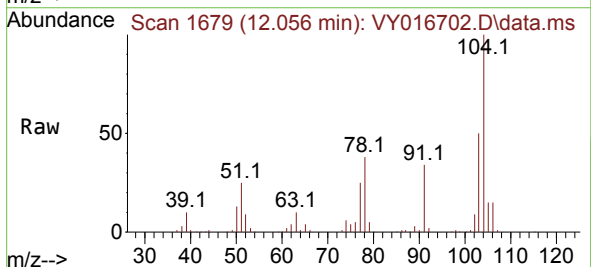
Instrument :
MSVOA_Y
ClientSampleId :

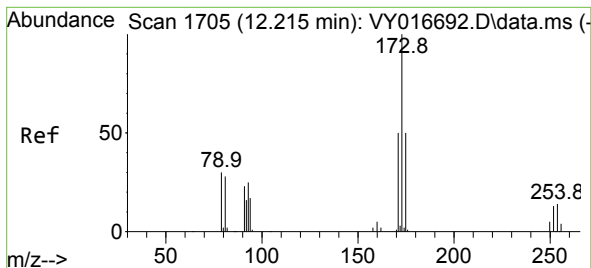
Tgt Ion:106 Resp: 50800
Ion Ratio Lower Upper
106 100
91 212.5 102.8 308.4



#70
Styrene
Concen: 18.991 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion:104 Resp: 73967
Ion Ratio Lower Upper
104 100
78 47.5 38.2 57.2
103 57.5 44.3 66.5





#71

Bromoform

Concen: 20.251 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

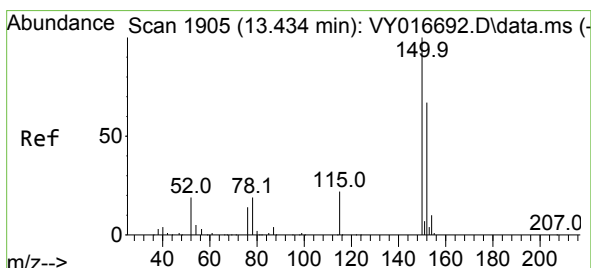
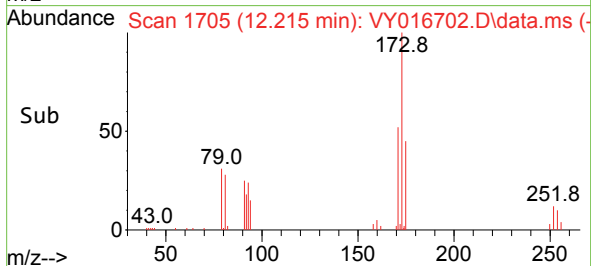
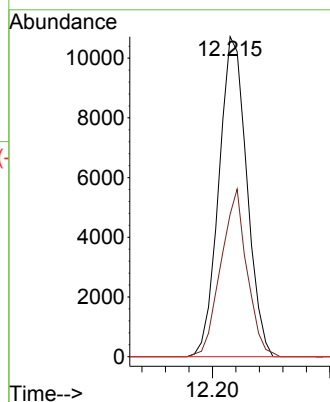
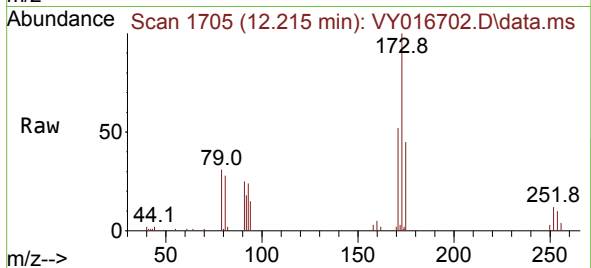
Tgt Ion:173 Resp: 17718

Ion Ratio Lower Upper

173 100

175 48.9 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: VY016702.D

Acq: 19 Dec 2023 18:53

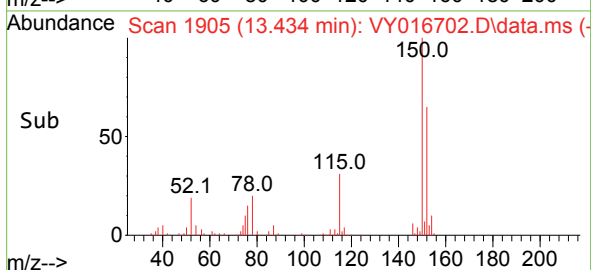
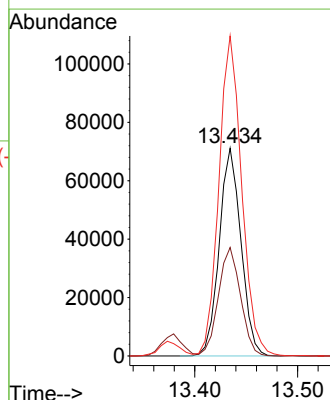
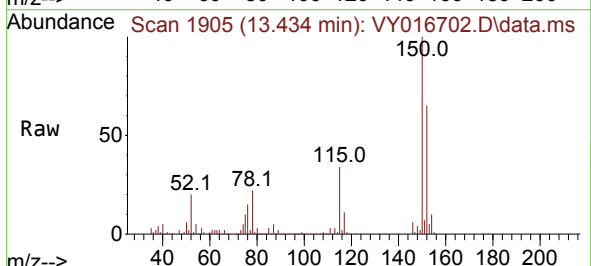
Tgt Ion:152 Resp: 104418

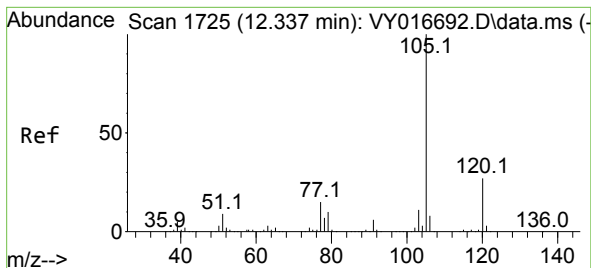
Ion Ratio Lower Upper

152 100

115 53.0 28.2 84.7

150 161.9 0.0 350.6





#73

Isopropylbenzene

Concen: 19.595 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

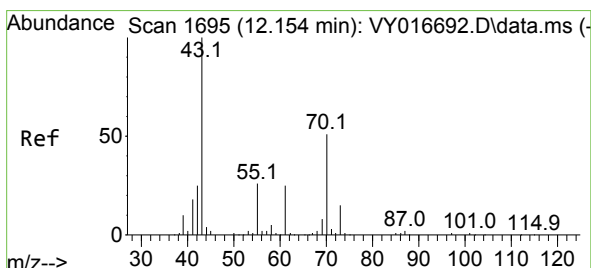
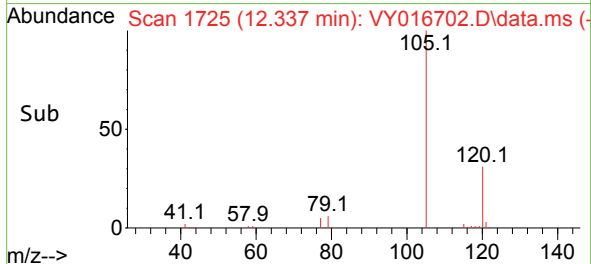
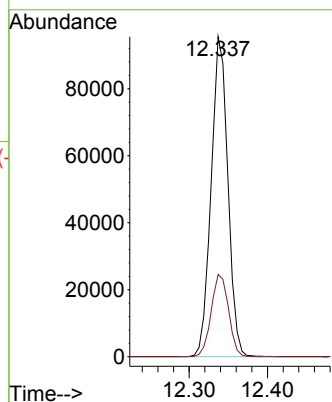
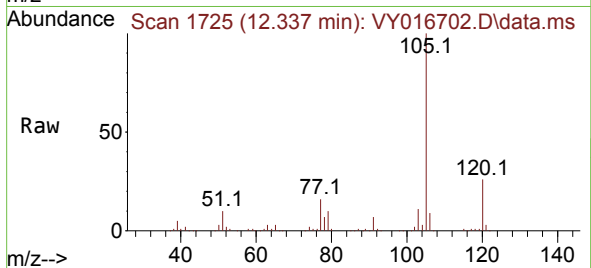
ClientSampleId :

Tgt Ion:105 Resp: 141473

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.8



#74

N-ethyl acetate

Concen: 20.597 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Tgt Ion: 43 Resp: 26908

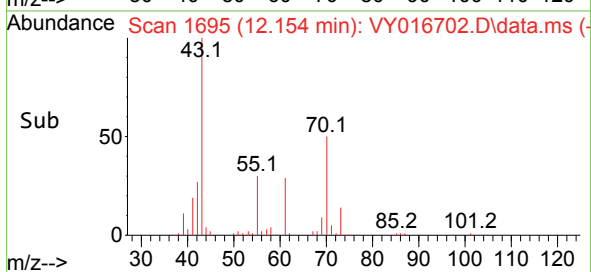
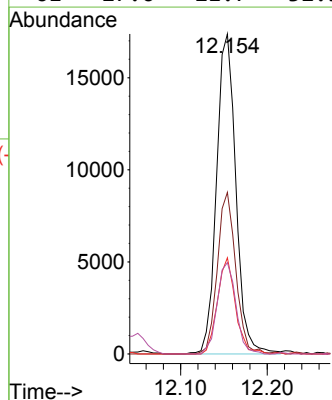
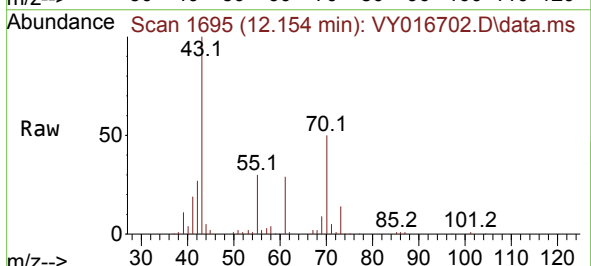
Ion Ratio Lower Upper

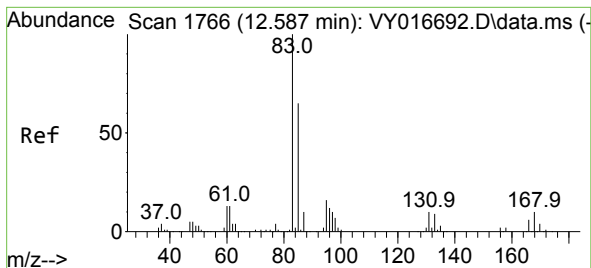
43 100

70 48.4 41.2 61.8

55 28.1 22.2 33.2

61 27.6 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.593 ug/l

RT: 12.593 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY016702.D

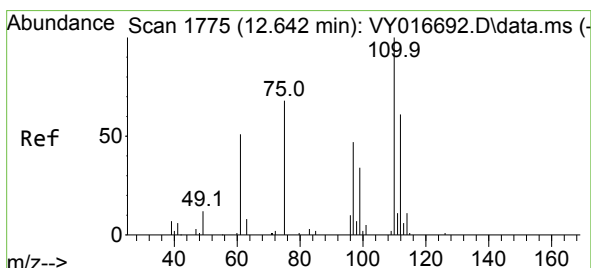
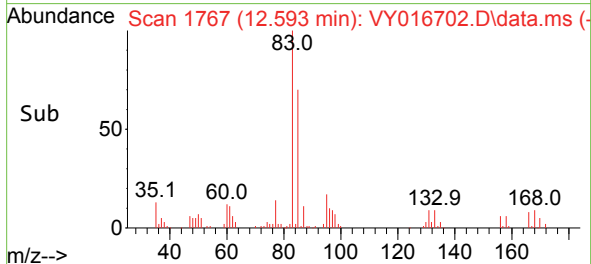
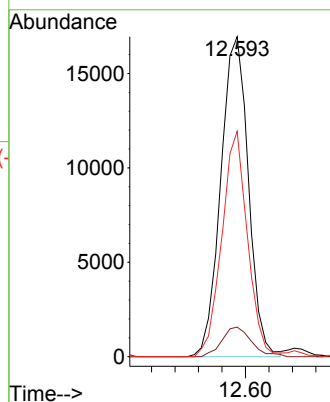
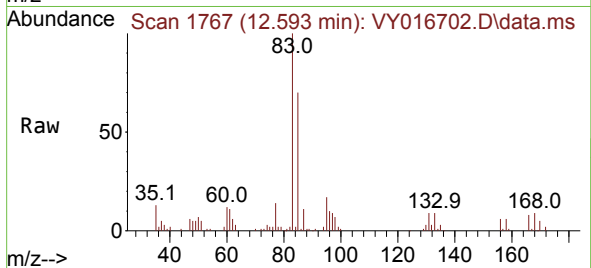
Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	27665
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.5	16.4
85	65.4	32.0	96.0



#76

1,2,3-Trichloropropane

Concen: 36.277 ug/l

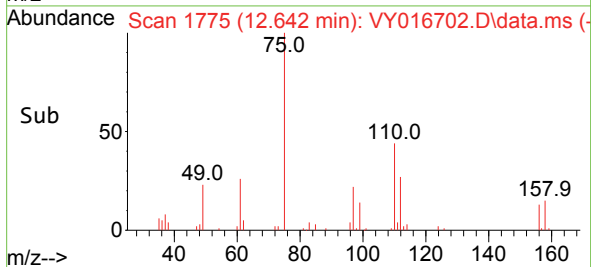
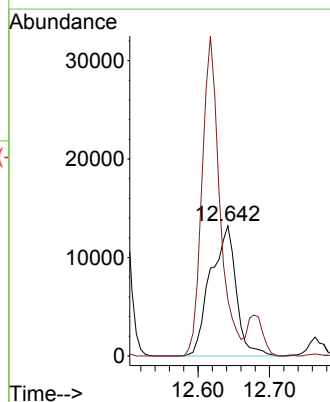
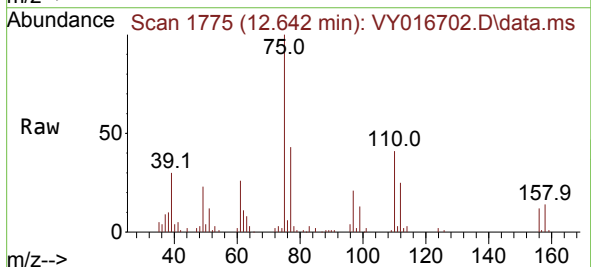
RT: 12.642 min Scan# 1775

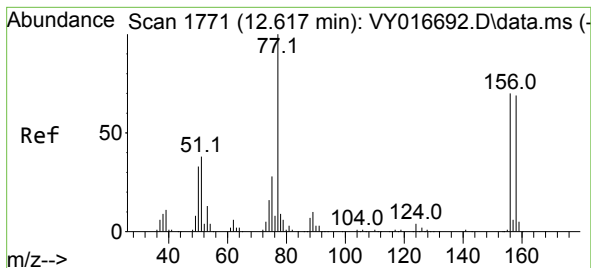
Delta R.T. 0.000 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Tgt Ion:	75	Resp:	32927
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.862 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

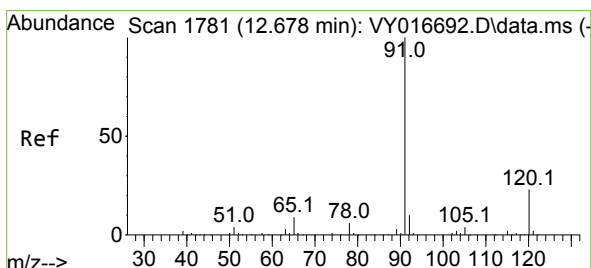
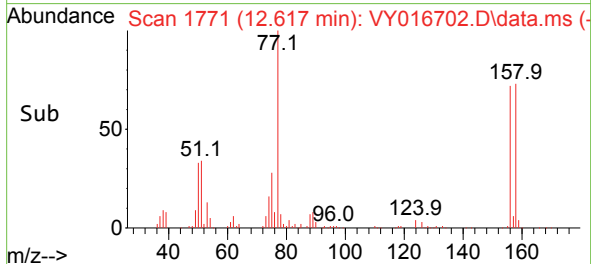
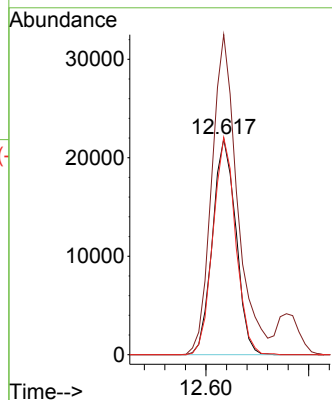
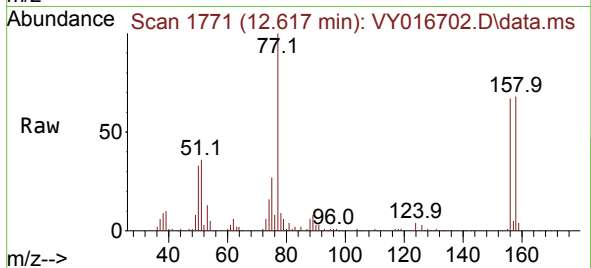
Tgt Ion:156 Resp: 34576

Ion Ratio Lower Upper

156 100

77 162.3 83.5 250.7

158 98.2 49.0 147.0



#78

n-propylbenzene

Concen: 19.748 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016702.D

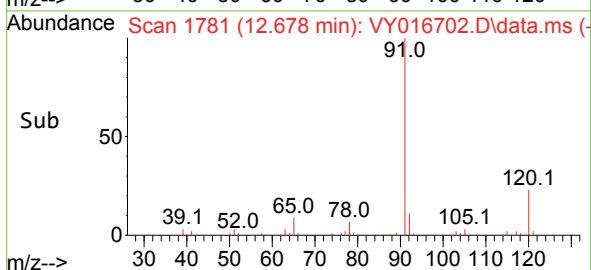
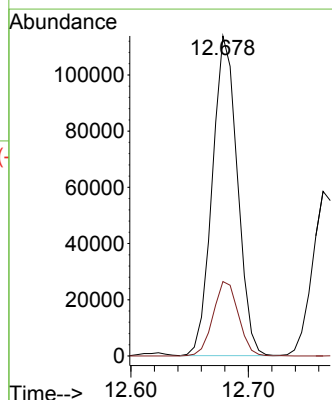
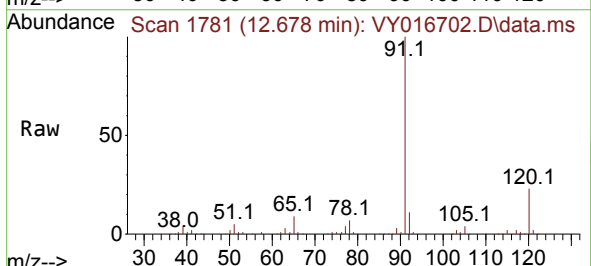
Acq: 19 Dec 2023 18:53

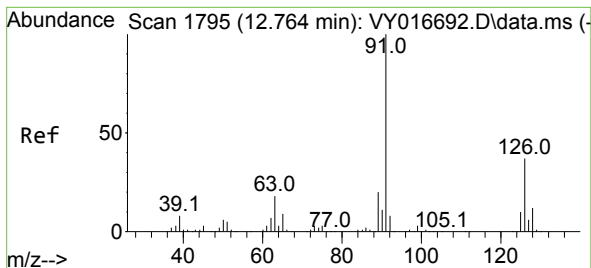
Tgt Ion: 91 Resp: 169028

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.7





#79

2-Chlorotoluene

Concen: 19.907 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

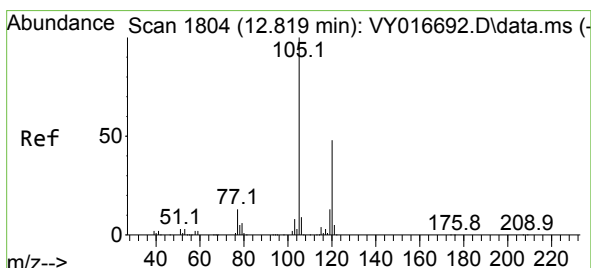
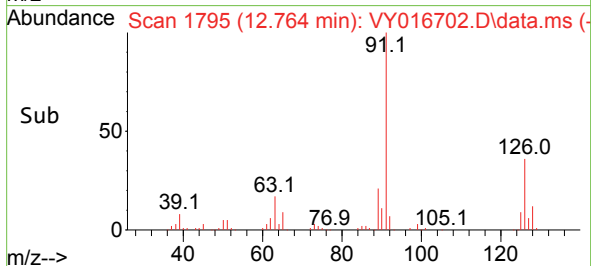
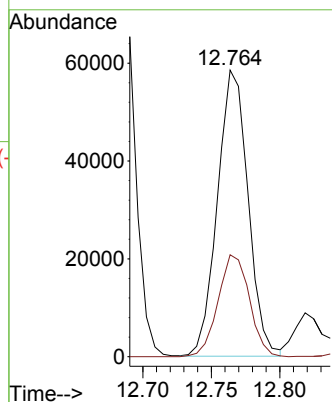
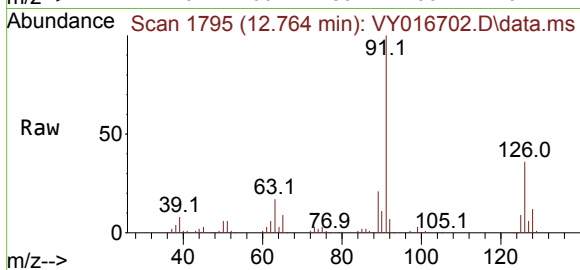
ClientSampleId :

Tgt Ion: 91 Resp: 91269

Ion Ratio Lower Upper

91 100

126 36.3 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 19.575 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY016702.D

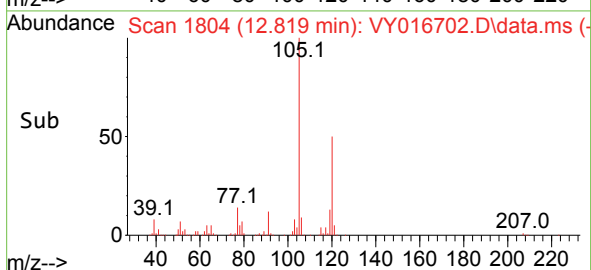
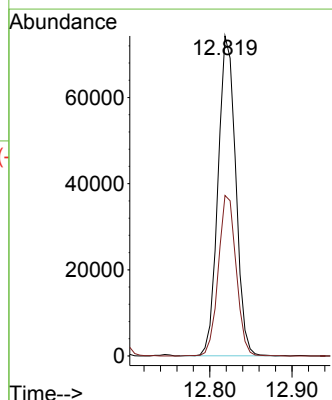
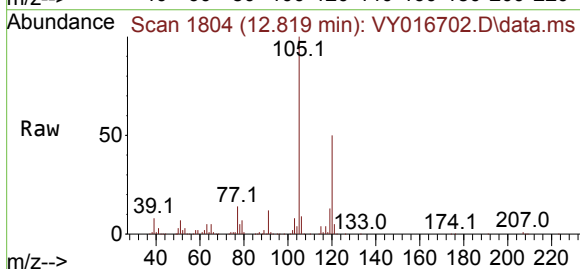
Acq: 19 Dec 2023 18:53

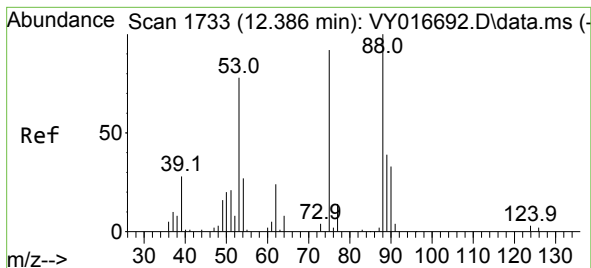
Tgt Ion:105 Resp: 110748

Ion Ratio Lower Upper

105 100

120 50.8 25.2 75.6

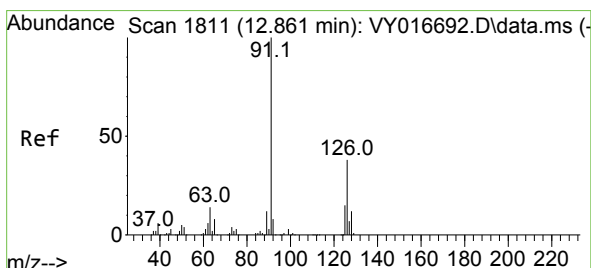
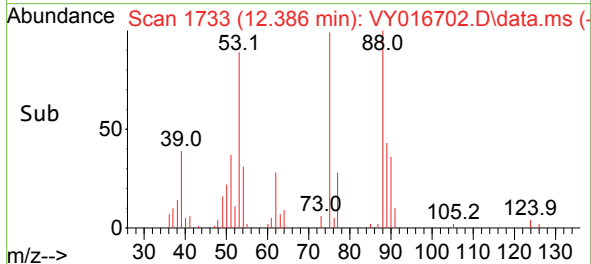
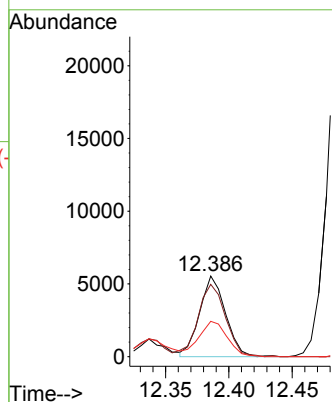
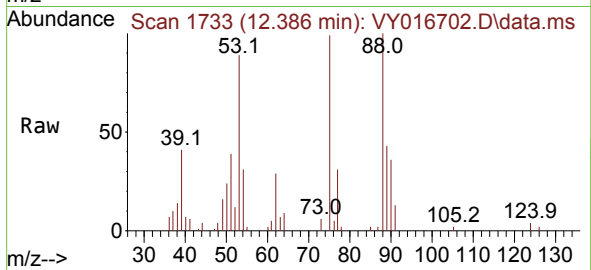




#81
trans-1,4-Dichloro-2-butene
Concen: 19.917 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

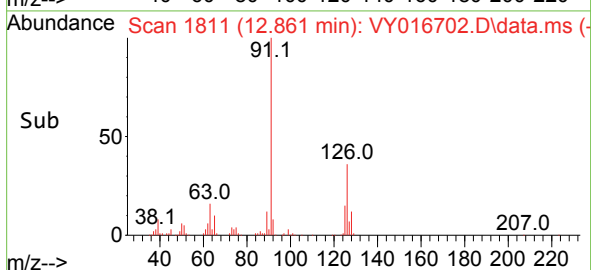
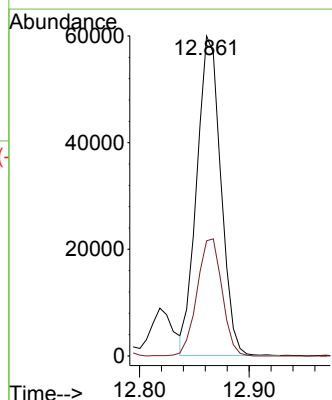
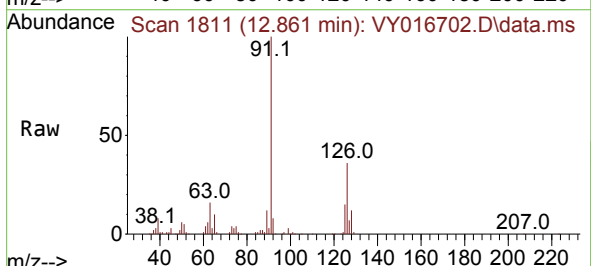
Instrument :
MSVOA_Y
ClientSampleId :

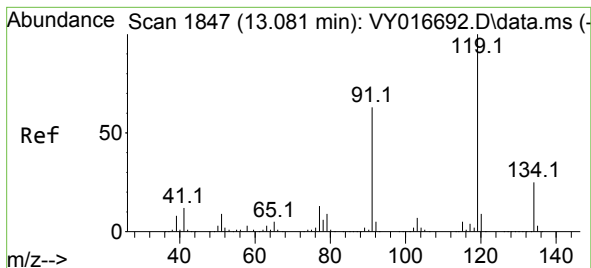
Tgt Ion: 75 Resp: 7879
Ion Ratio Lower Upper
75 100
53 96.6 62.9 94.3#
89 48.5 35.8 53.8



#82
4-Chlorotoluene
Concen: 19.282 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 91 Resp: 91416
Ion Ratio Lower Upper
91 100
126 38.1 18.0 54.0

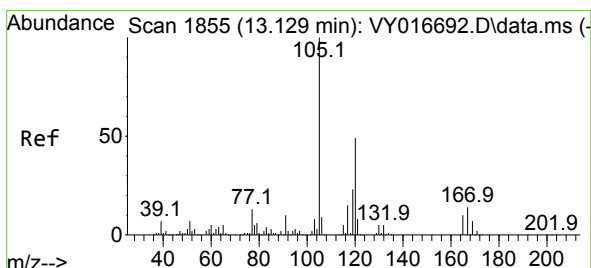
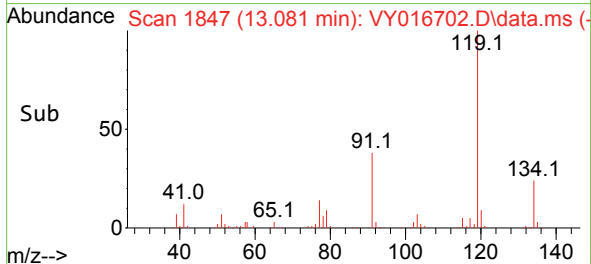
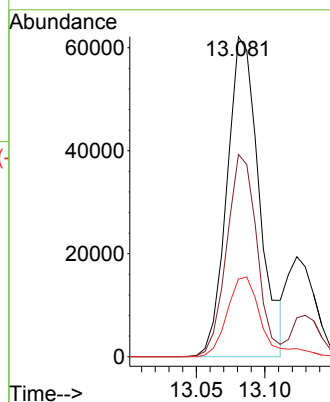
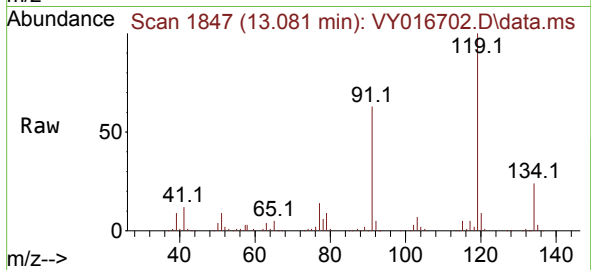




#83
tert-Butylbenzene
Concen: 19.949 ug/l
RT: 13.081 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

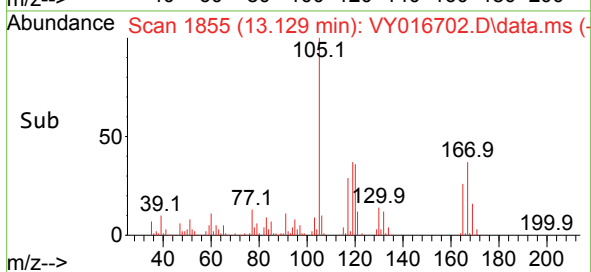
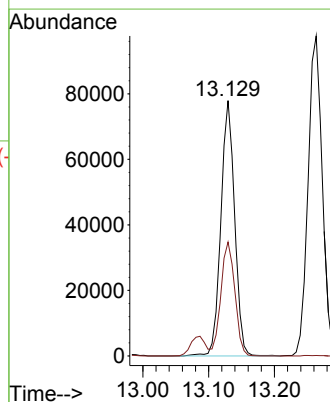
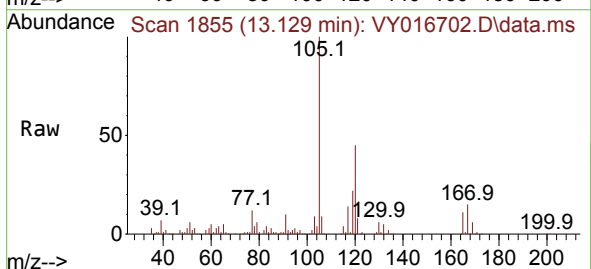
Instrument :
MSVOA_Y
ClientSampleId :

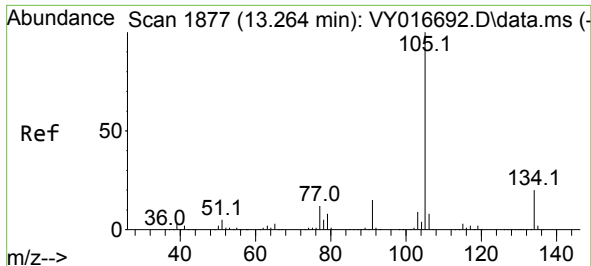
Tgt Ion:119 Resp: 101559
Ion Ratio Lower Upper
119 100
91 59.5 30.8 92.3
134 26.7 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 20.030 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY016702.D
Acq: 19 Dec 2023 18:53

Tgt Ion:105 Resp: 113589
Ion Ratio Lower Upper
105 100
120 45.5 23.2 69.5

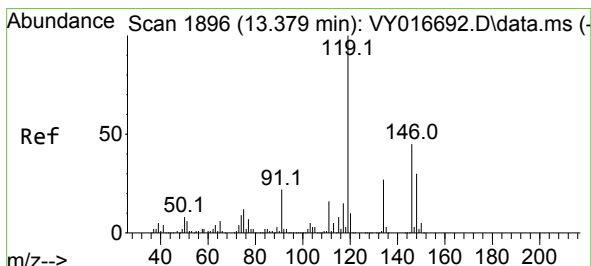
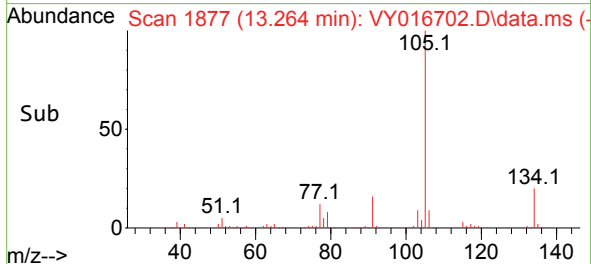
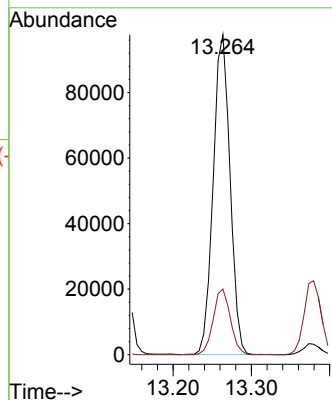
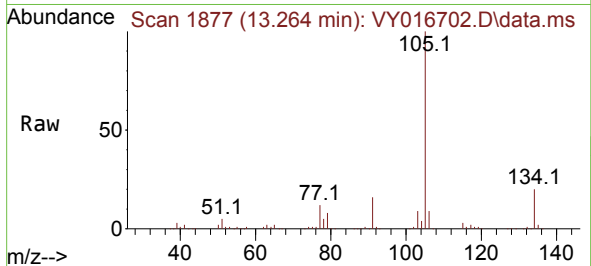




#85
 sec-Butylbenzene
 Concen: 19.903 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VY016702.D
 Acq: 19 Dec 2023 18:53

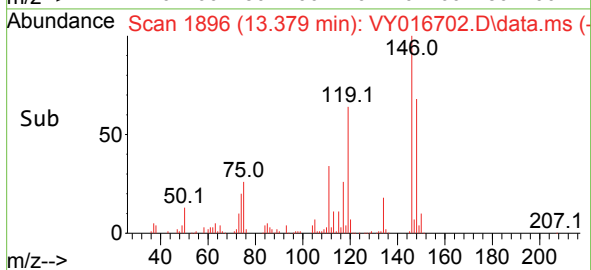
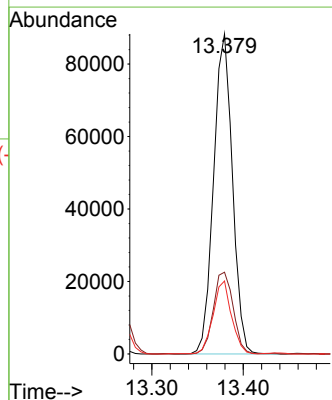
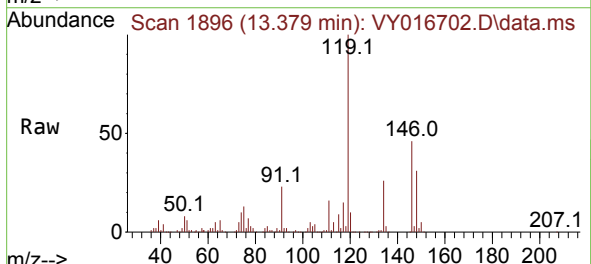
Instrument :
 MSVOA_Y
 ClientSampleId :

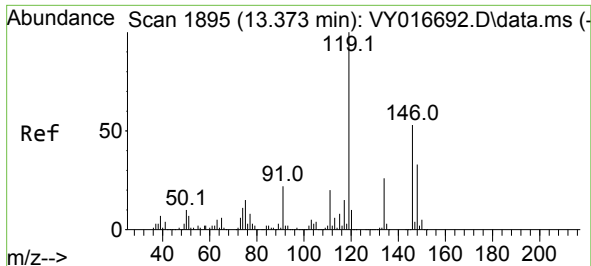
Tgt Ion:105 Resp: 146119
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.651 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY016702.D
 Acq: 19 Dec 2023 18:53

Tgt Ion:119 Resp: 126130
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 22.5 11.2 33.5

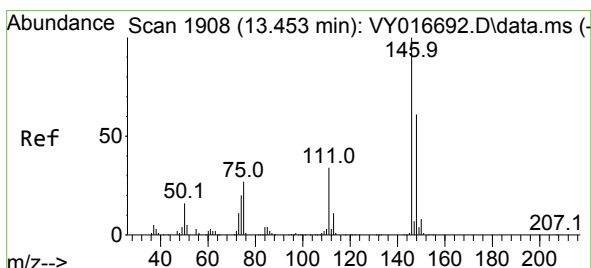
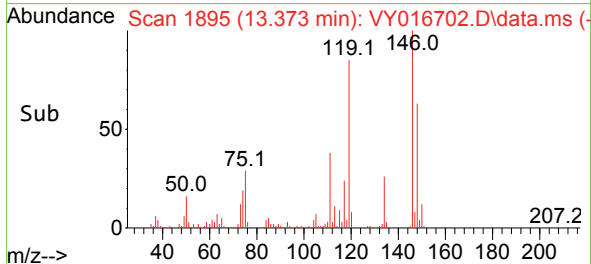
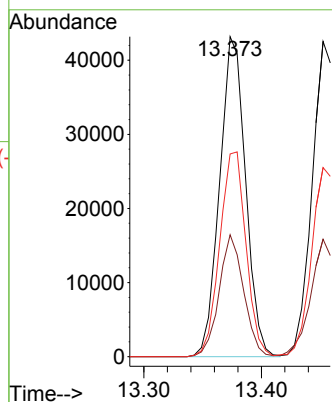
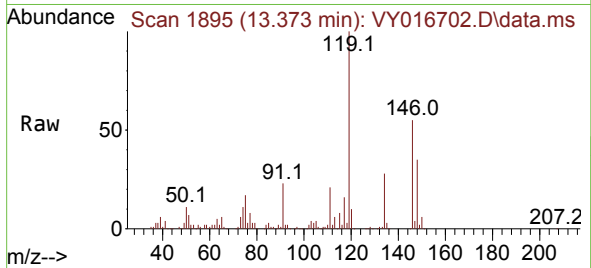




#87
 1,3-Dichlorobenzene
 Concen: 19.206 ug/l
 RT: 13.373 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY016702.D
 Acq: 19 Dec 2023 18:53

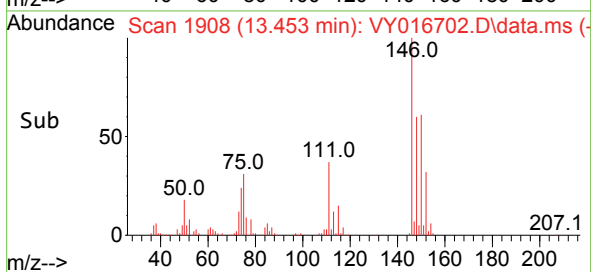
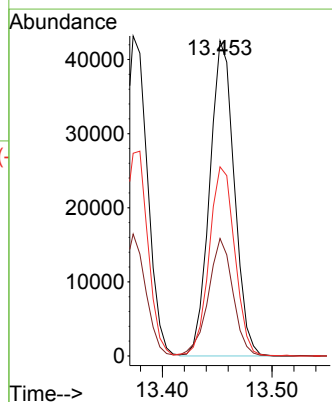
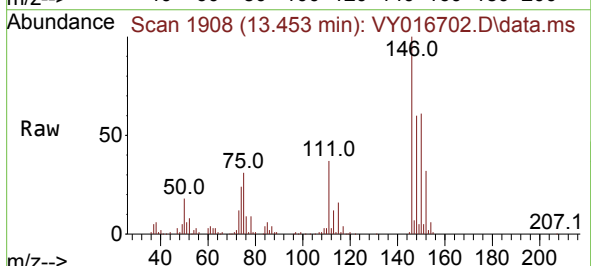
Instrument :
 MSVOA_Y
 ClientSampleId :

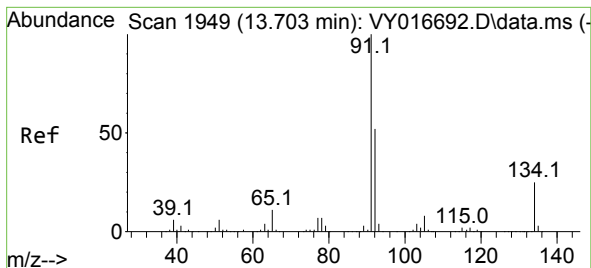
Tgt Ion:146 Resp: 66161
 Ion Ratio Lower Upper
 146 100
 111 36.1 19.1 57.1
 148 64.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.092 ug/l
 RT: 13.453 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY016702.D
 Acq: 19 Dec 2023 18:53

Tgt Ion:146 Resp: 66307
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.4 55.4
 148 62.6 32.0 96.2





#89

n-Butylbenzene

Concen: 20.328 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

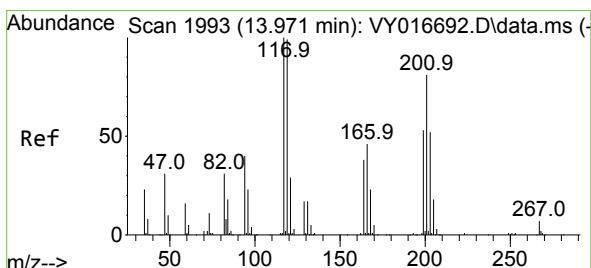
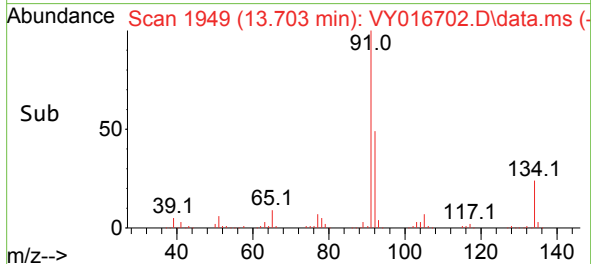
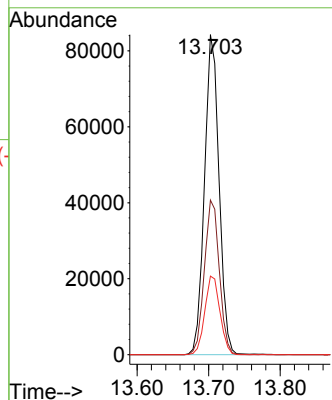
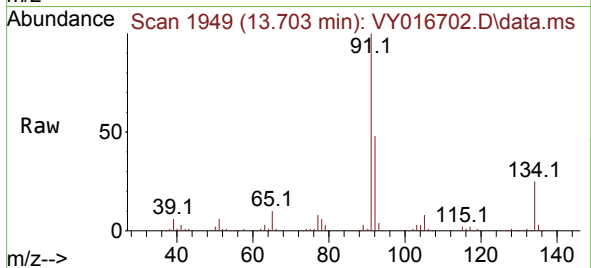
Tgt Ion: 91 Resp: 119274

Ion Ratio Lower Upper

91 100

92 49.6 26.5 79.5

134 25.5 13.7 41.1



#90

Hexachloroethane

Concen: 19.624 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016702.D

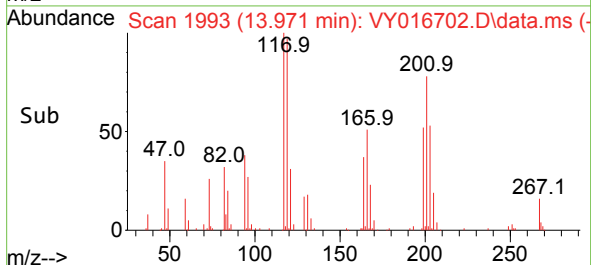
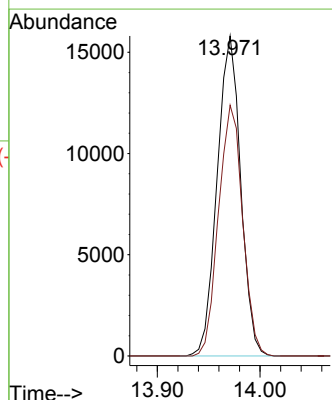
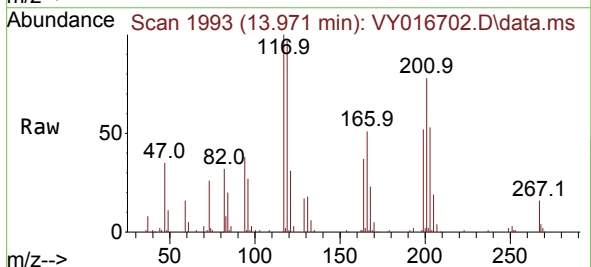
Acq: 19 Dec 2023 18:53

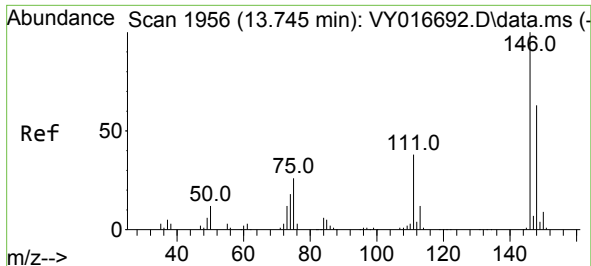
Tgt Ion: 117 Resp: 25103

Ion Ratio Lower Upper

117 100

201 80.2 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: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

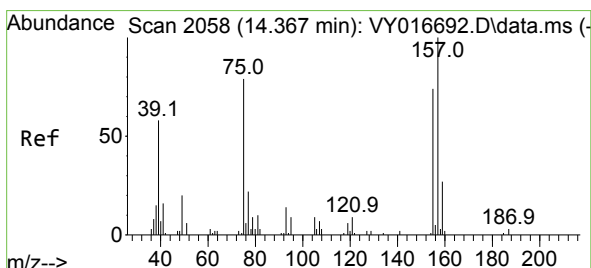
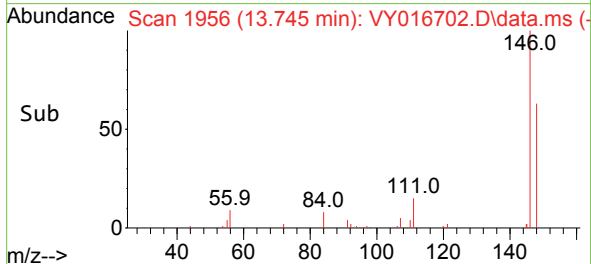
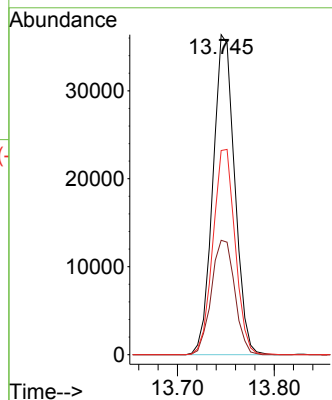
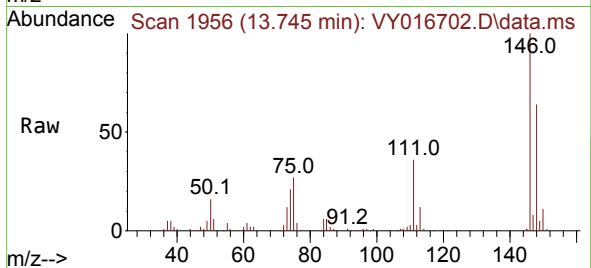
Tgt Ion:146 Resp: 56805

Ion Ratio Lower Upper

146 100

111 38.3 19.5 58.5

148 65.3 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.460 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

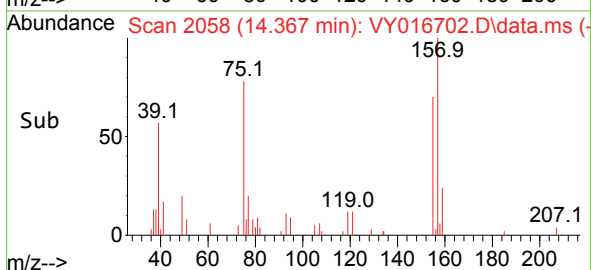
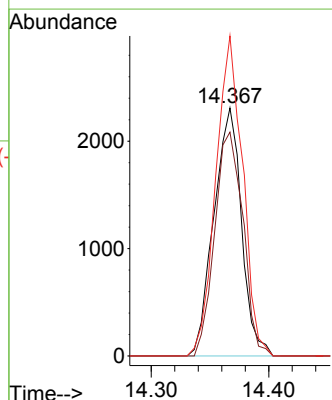
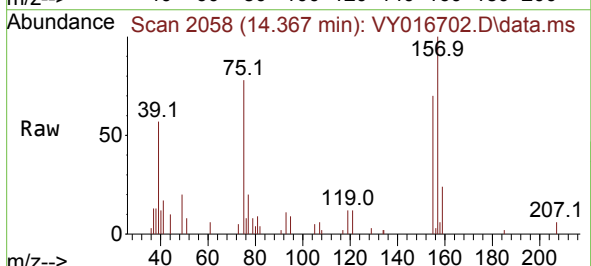
Tgt Ion: 75 Resp: 3780

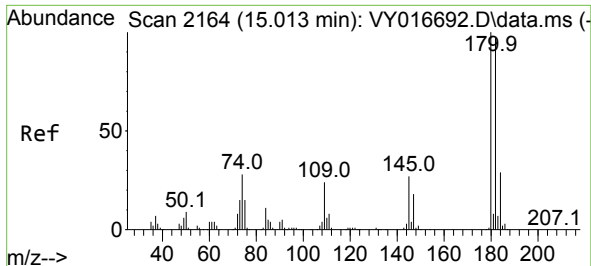
Ion Ratio Lower Upper

75 100

155 92.1 49.4 148.2

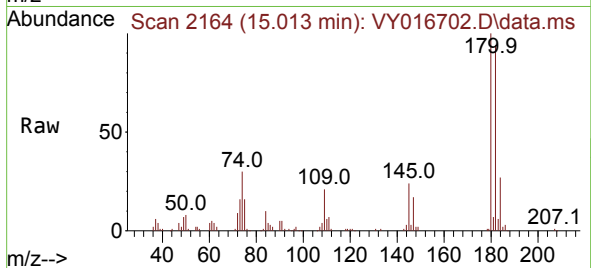
157 125.2 64.4 193.2



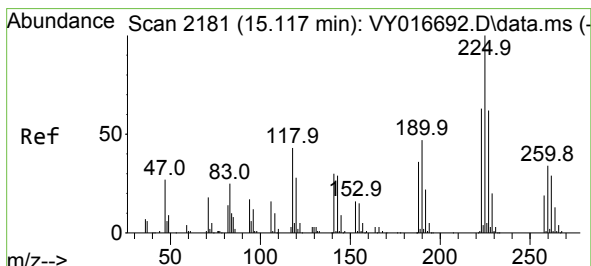
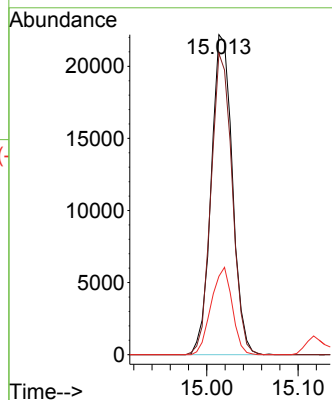
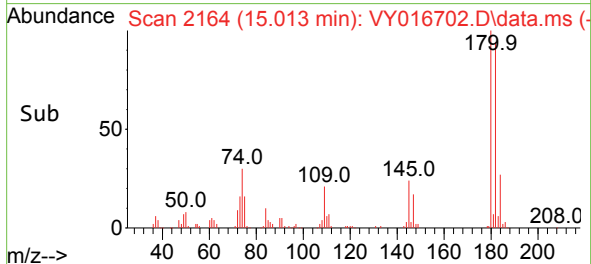


#93
 1,2,4-Trichlorobenzene
 Concen: 21.090 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: VY016702.D
 Acq: 19 Dec 2023 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :

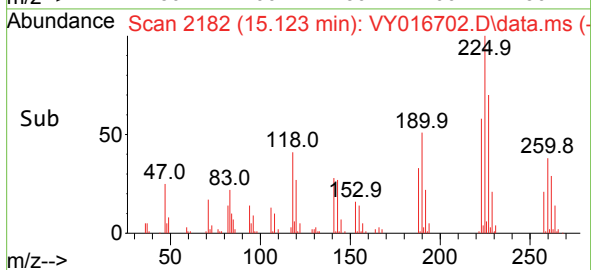
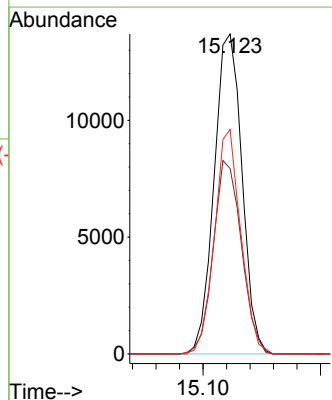
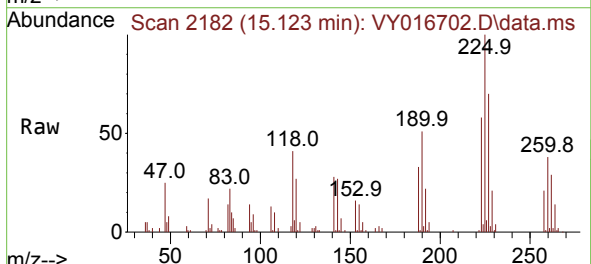


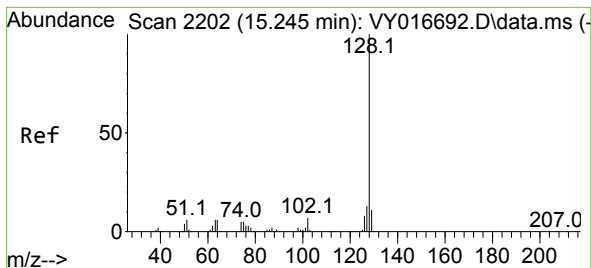
Tgt Ion:180 Resp: 35677
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.6 142.9
 145 27.1 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 21.077 ug/l
 RT: 15.123 min Scan# 2182
 Delta R.T. 0.006 min
 Lab File: VY016702.D
 Acq: 19 Dec 2023 18:53

Tgt Ion:225 Resp: 22536
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.4 94.2
 227 66.4 31.9 95.9





#95

Naphthalene

Concen: 21.620 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

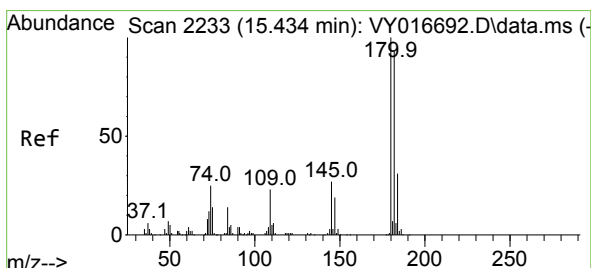
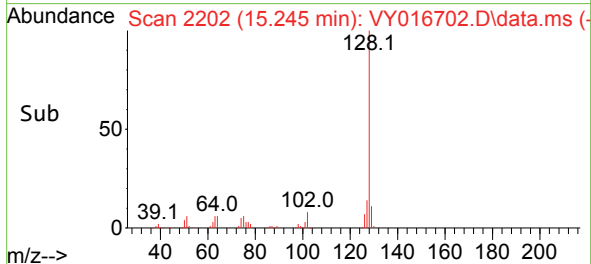
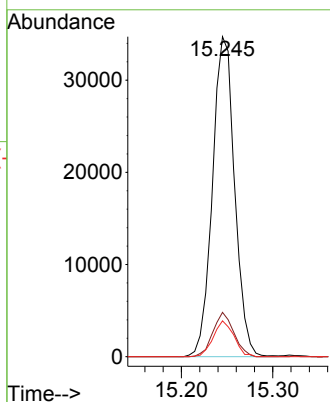
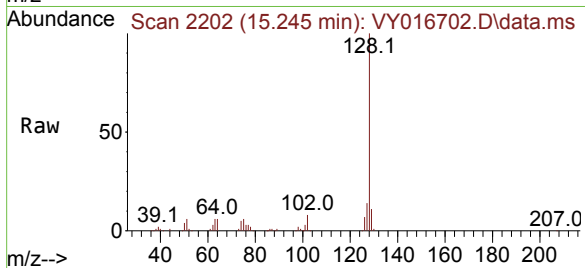
Tgt Ion:128 Resp: 58548

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 10.4 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.943 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016702.D

Acq: 19 Dec 2023 18:53

Tgt Ion:180 Resp: 29966

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.8

145 27.2 15.5 46.5

