

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016806.D
 Acq On : 22 Dec 2023 14:24
 Operator : SY/MD
 Sample : VY1222SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 22 22:58:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	144457	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	248153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	213370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	91873	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	71319	54.081	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.160%	
35) Dibromofluoromethane	7.740	113	73393	51.631	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.260%	
50) Toluene-d8	10.197	98	269357	52.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.120%	
62) 4-Bromofluorobenzene	12.495	95	86323	51.924	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	24172	19.580	ug/l	93
3) Chloromethane	2.125	50	34997	18.443	ug/l	99
4) Vinyl Chloride	2.266	62	40793	19.032	ug/l	100
5) Bromomethane	2.668	94	29590	19.383	ug/l	95
6) Chloroethane	2.814	64	27598	19.002	ug/l	99
7) Trichlorofluoromethane	3.150	101	48951	19.605	ug/l	98
8) Diethyl Ether	3.546	74	16201	20.283	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.924	101	31110	20.311	ug/l	100
10) Methyl Iodide	4.119	142	26518	16.615	ug/l	99
11) Tert butyl alcohol	4.979	59	15410	142.520	ug/l #	93
12) 1,1-Dichloroethene	3.899	96	26252	19.250	ug/l	98
13) Acrolein	3.753	56	11863	142.199	ug/l	97
14) Allyl chloride	4.509	41	42402	20.300	ug/l	97
15) Acrylonitrile	5.198	53	37286	110.229	ug/l	99
16) Acetone	3.967	43	45083	126.424	ug/l	98
17) Carbon Disulfide	4.223	76	65102	17.545	ug/l	99
18) Methyl Acetate	4.503	43	30237	21.697	ug/l	100
19) Methyl tert-butyl Ether	5.253	73	71955	20.506	ug/l	100
20) Methylene Chloride	4.747	84	38318	18.802	ug/l	99
21) trans-1,2-Dichloroethene	5.253	96	30753	19.772	ug/l	96
22) Diisopropyl ether	6.149	45	101140	21.402	ug/l	97
23) Vinyl Acetate	6.088	43	237730	106.365	ug/l	99
24) 1,1-Dichloroethane	6.045	63	59432	20.936	ug/l	99
25) 2-Butanone	7.009	43	58389	118.925	ug/l	97
26) 2,2-Dichloropropane	7.003	77	50508	20.389	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	36457	20.366	ug/l	97
28) Bromochloromethane	7.356	49	24995	22.246	ug/l	97
29) Tetrahydrofuran	7.374	42	30478	113.527	ug/l	97
30) Chloroform	7.533	83	60494	20.816	ug/l	98
31) Cyclohexane	7.813	56	47978	18.989	ug/l	96
32) 1,1,1-Trichloroethane	7.728	97	51266	20.097	ug/l	99
36) 1,1-Dichloropropene	7.941	75	44637	19.587	ug/l	99
37) Ethyl Acetate	7.100	43	21589	22.102	ug/l	98
38) Carbon Tetrachloride	7.929	117	43984	19.505	ug/l	98
39) Methylcyclohexane	9.209	83	48307	18.360	ug/l	97
40) Benzene	8.185	78	133242	20.092	ug/l	99

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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	8493	16.377	ug/l #	61
42) 1,2-Dichloroethane	8.258	62	36530	21.114	ug/l	100
43) Isopropyl Acetate	8.295	43	38942	20.527	ug/l	100
44) Trichloroethene	8.960	130	33654	19.883	ug/l	96
45) 1,2-Dichloropropane	9.234	63	34636	20.821	ug/l	100
46) Dibromomethane	9.325	93	17554	20.427	ug/l	98
47) Bromodichloromethane	9.514	83	46983	20.743	ug/l	95
48) Methyl methacrylate	9.313	41	21385	20.283	ug/l	98
49) 1,4-Dioxane	9.319	88	3629	435.082	ug/l	96
51) 4-Methyl-2-Pentanone	10.087	43	107256	106.110	ug/l	98
52) Toluene	10.264	92	80485	20.253	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	42007	20.339	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	50434	20.245	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	25427	20.738	ug/l	96
56) Ethyl methacrylate	10.526	69	21443	19.888	ug/l	96
57) 1,3-Dichloropropane	10.807	76	43065	20.679	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	62491	107.742	ug/l	98
59) 2-Hexanone	10.849	43	82127	108.964	ug/l	99
60) Dibromochloromethane	11.002	129	29297	20.655	ug/l	98
61) 1,2-Dibromoethane	11.105	107	22639	20.589	ug/l	99
64) Tetrachloroethene	10.740	164	25481	19.224	ug/l	95
65) Chlorobenzene	11.532	112	84157	20.075	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.605	131	30500	19.337	ug/l	96
67) Ethyl Benzene	11.611	91	149189	19.335	ug/l	100
68) m/p-Xylenes	11.721	106	111138	39.005	ug/l	100
69) o-Xylene	12.044	106	51683	19.772	ug/l	99
70) Styrene	12.063	104	75593	19.543	ug/l	99
71) Bromoform	12.227	173	15891	20.208	ug/l #	99
73) Isopropylbenzene	12.343	105	139977	19.563	ug/l	100
74) N-amyl acetate	12.160	43	29369	19.558	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	29947	20.944	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	35013	34.475	ug/l #	100
77) Bromobenzene	12.630	156	31028	19.877	ug/l	100
78) n-propylbenzene	12.691	91	171737	19.810	ug/l	100
79) 2-Chlorotoluene	12.770	91	94037	19.603	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	113450	20.030	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	8101	18.732	ug/l	99
82) 4-Chlorotoluene	12.873	91	98146	19.943	ug/l	100
83) tert-Butylbenzene	13.093	119	97412	19.772	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	110454	19.777	ug/l	100
85) sec-Butylbenzene	13.270	105	144613	19.818	ug/l	99
86) p-Isopropyltoluene	13.386	119	117732	19.373	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	59582	19.532	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	57967	19.460	ug/l	96
89) n-Butylbenzene	13.715	91	113703	19.573	ug/l	99
90) Hexachloroethane	13.977	117	24947	19.714	ug/l	96
91) 1,2-Dichlorobenzene	13.757	146	52181	20.079	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3737	20.162	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	26156	18.968	ug/l	99
94) Hexachlorobutadiene	15.123	225	15108	19.290	ug/l	98
95) Naphthalene	15.251	128	47997	18.601	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	22495	19.154	ug/l	99

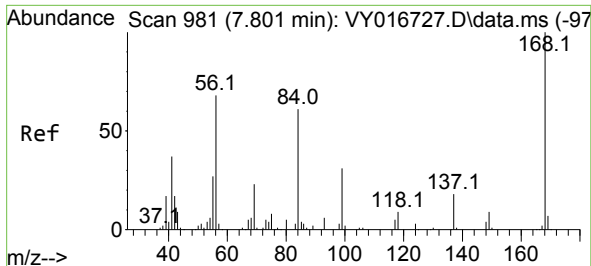
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
Data File : VY016806.D
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Operator : SY/MD
Sample : VY1222SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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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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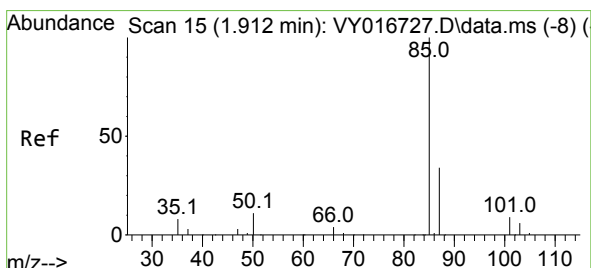
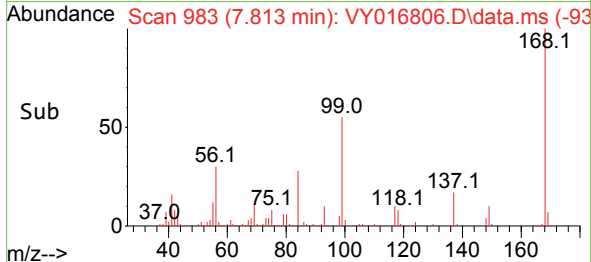
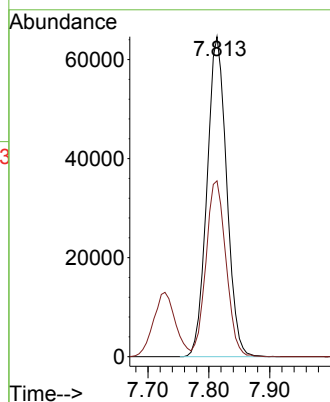
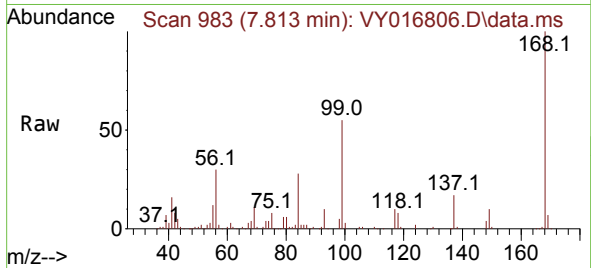
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

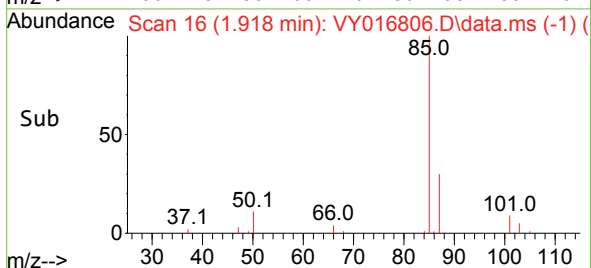
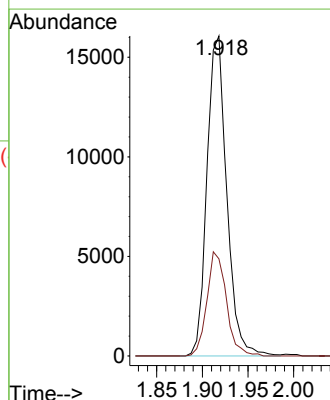
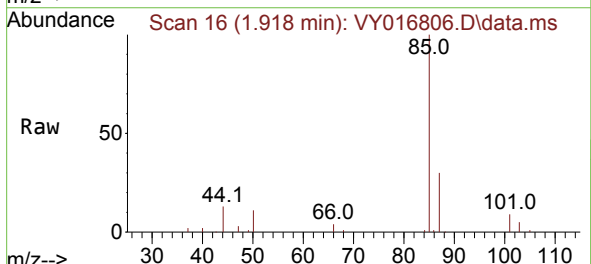
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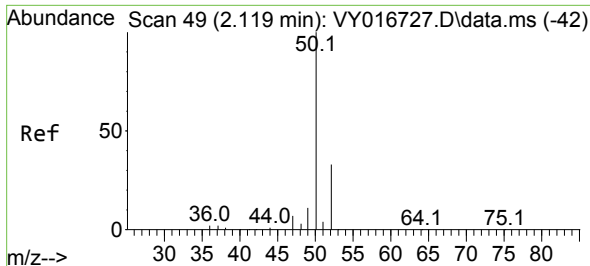
Tgt Ion:168 Resp: 144457
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 19.580 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion: 85 Resp: 24172
Ion Ratio Lower Upper
85 100
87 30.4 17.1 51.3

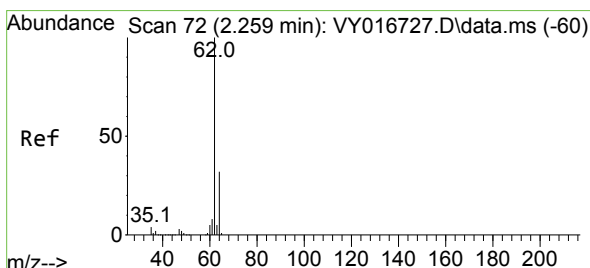
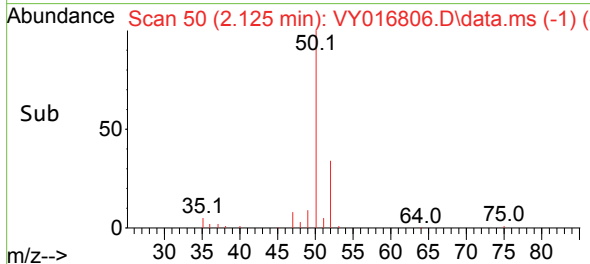
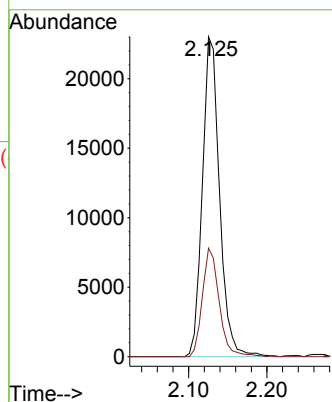
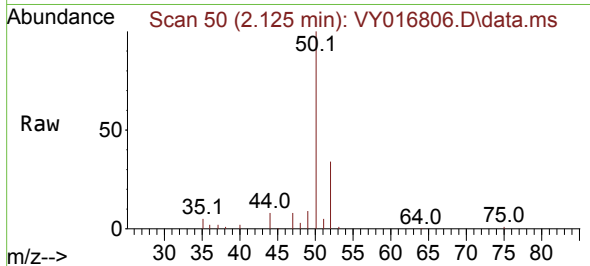




#3
Chloromethane
Concen: 18.443 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

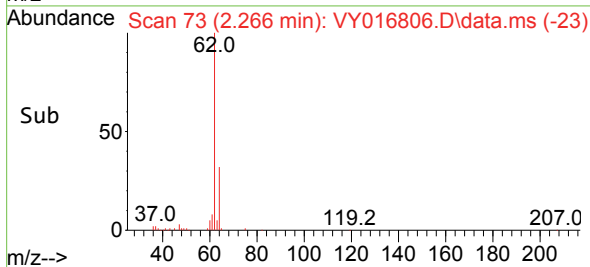
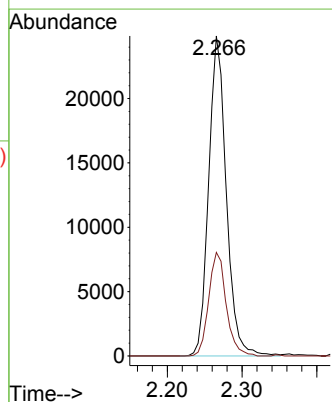
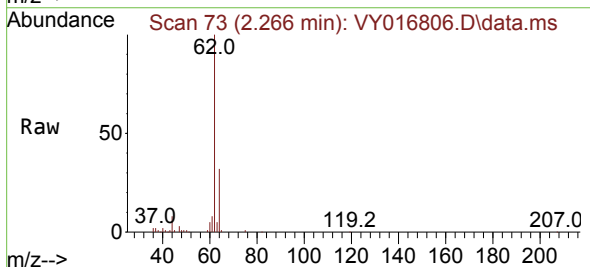
Instrument :
MSVOA_Y
ClientSampleId :

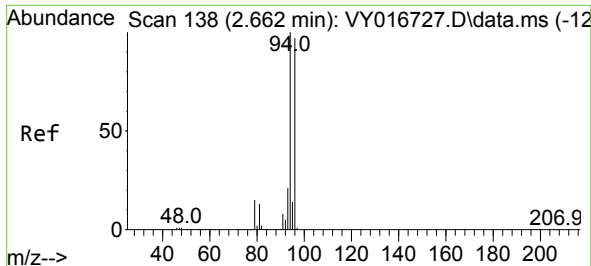
Tgt Ion: 50 Resp: 34997
Ion Ratio Lower Upper
50 100
52 33.9 26.7 40.1



#4
Vinyl Chloride
Concen: 19.032 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

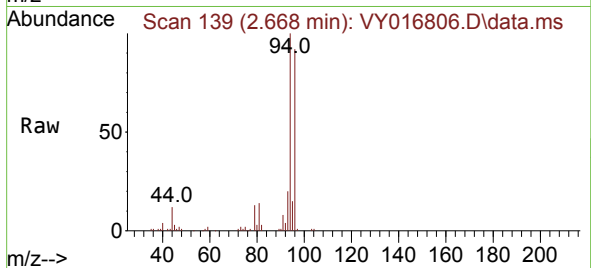
Tgt Ion: 62 Resp: 40793
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5



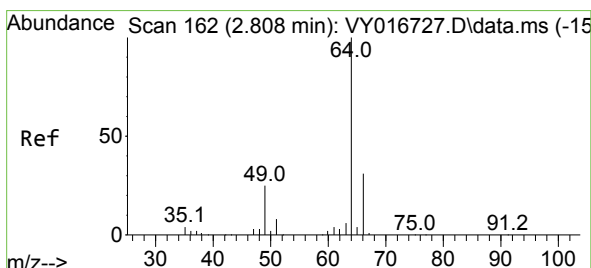
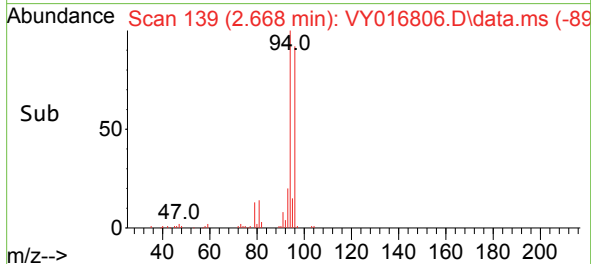
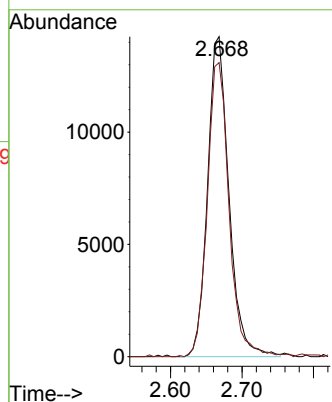


#5
Bromomethane
Concen: 19.383 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

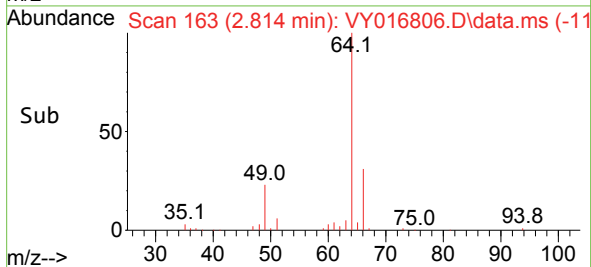
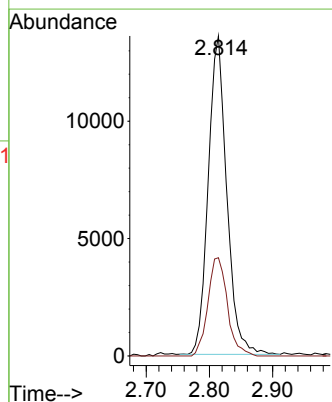
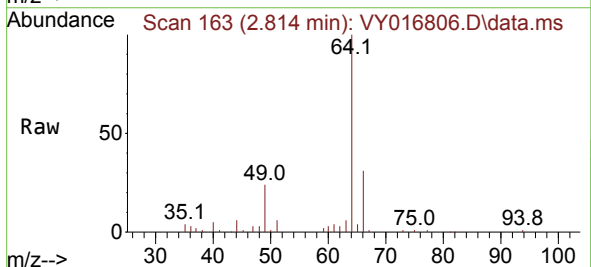


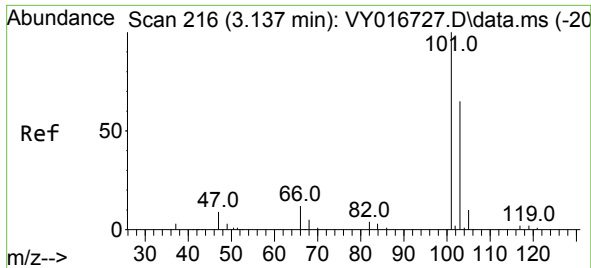
Tgt Ion: 94 Resp: 29590
Ion Ratio Lower Upper
94 100
96 91.5 77.3 115.9



#6
Chloroethane
Concen: 19.002 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion: 64 Resp: 27598
Ion Ratio Lower Upper
64 100
66 30.8 25.1 37.7

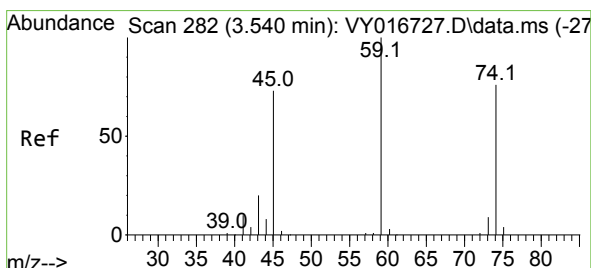
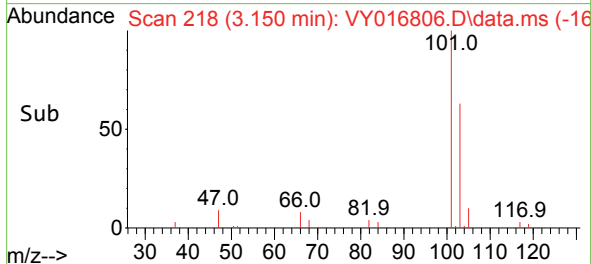
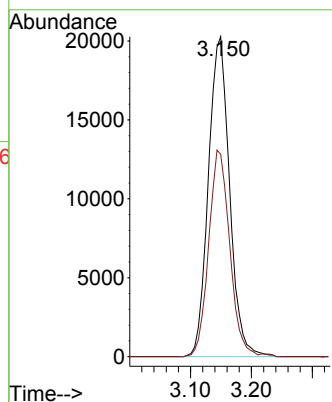
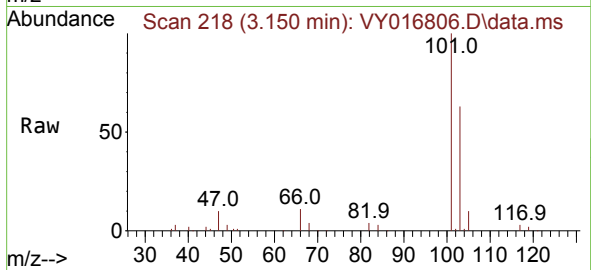




#7
 Trichlorofluoromethane
 Concen: 19.605 ug/l
 RT: 3.150 min Scan# 216
 Delta R.T. 0.012 min
 Lab File: VY016806.D
 Acq: 22 Dec 2023 14:24

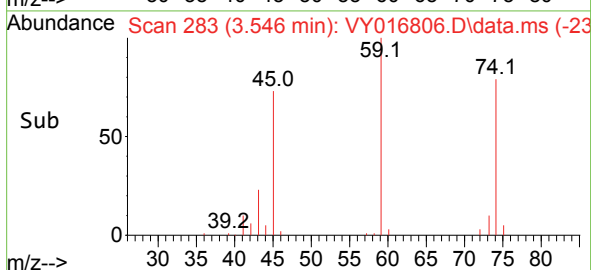
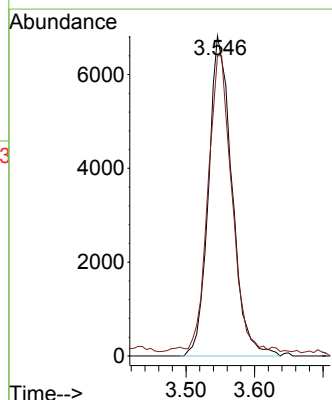
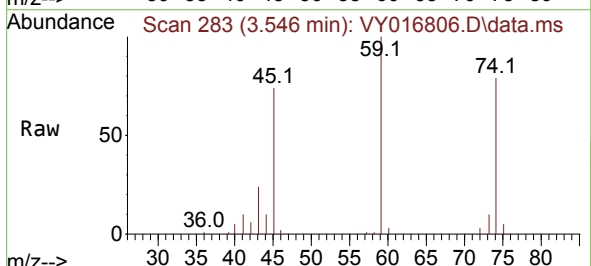
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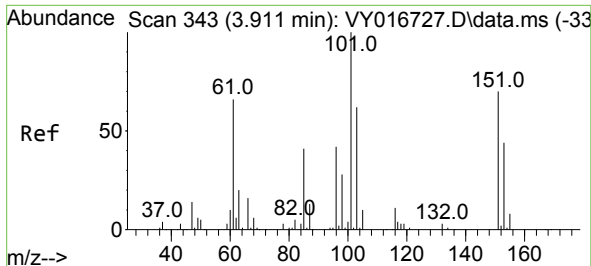
Tgt Ion:101 Resp: 48951
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.283 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016806.D
 Acq: 22 Dec 2023 14:24

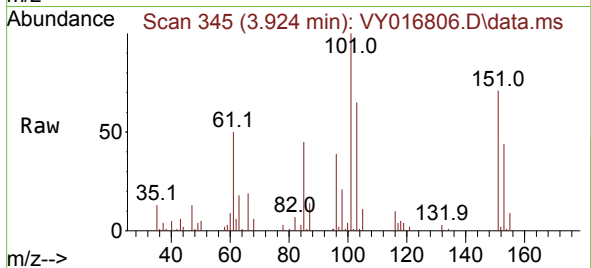
Tgt Ion: 74 Resp: 16201
 Ion Ratio Lower Upper
 74 100
 45 95.3 47.9 143.7



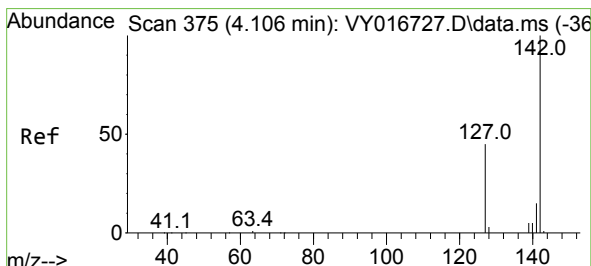
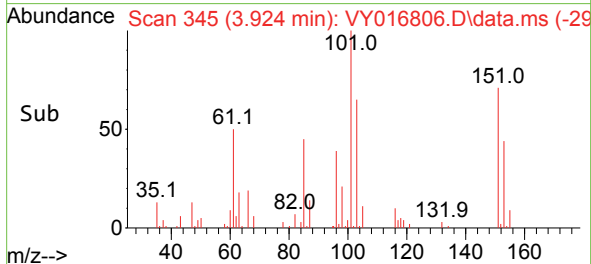
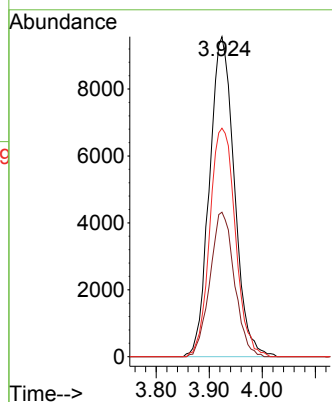


#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.311 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.012 min
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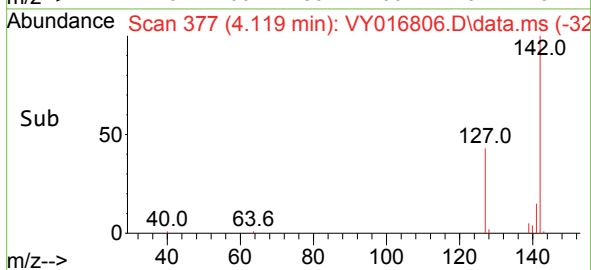
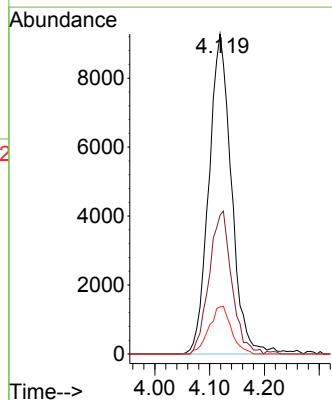
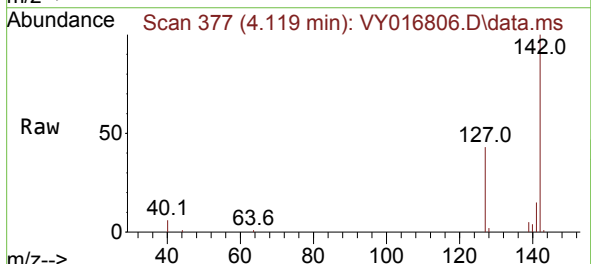


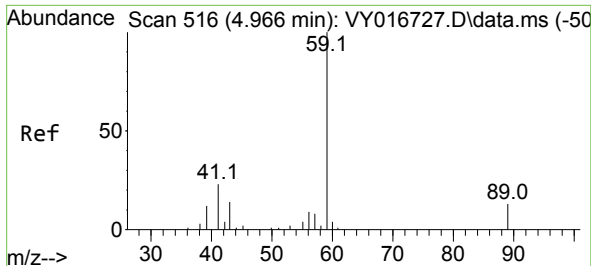
Tgt Ion:	101	Resp:	31110
Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.8	53.6
151	73.5	58.6	88.0



#10
Methyl Iodide
Concen: 16.615 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

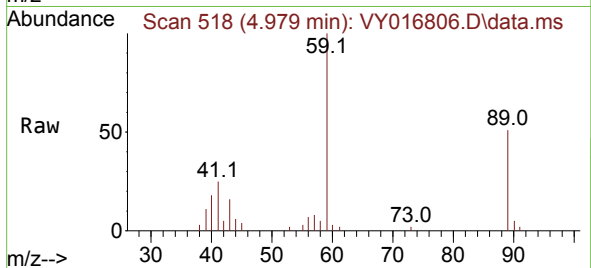
Tgt Ion:	142	Resp:	26518
Ion	Ratio	Lower	Upper
142	100		
127	44.6	35.1	52.7
141	14.7	11.8	17.6



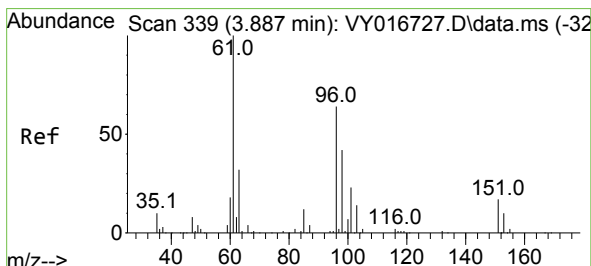
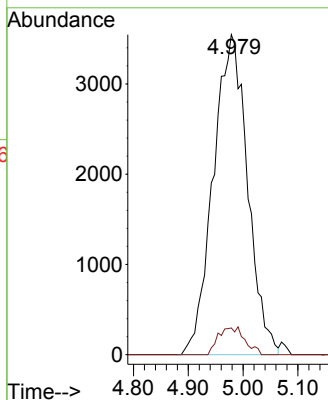
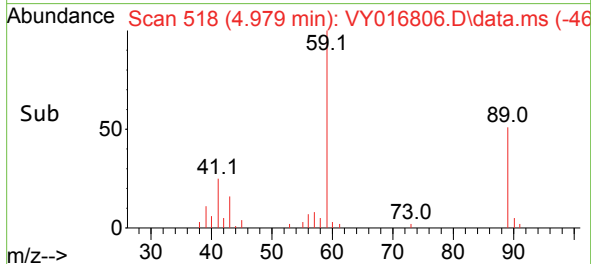


#11
Tert butyl alcohol
Concen: 142.520 ug/l
RT: 4.979 min Scan# 516
Delta R.T. 0.013 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

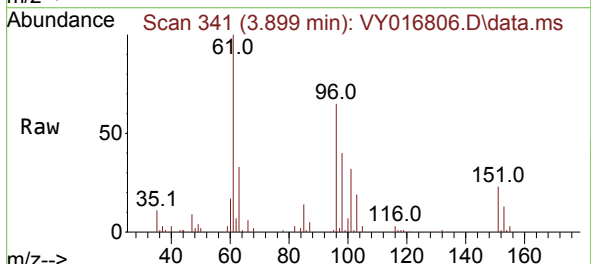
Instrument :
MSVOA_Y
ClientSampleId :



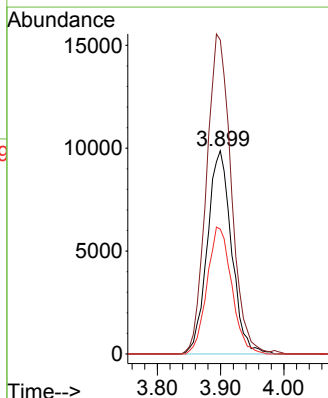
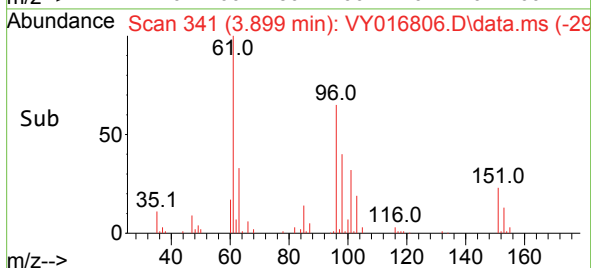
Tgt Ion: 59 Resp: 15410
Ion Ratio Lower Upper
59 100
57 6.6 7.4 11.0#

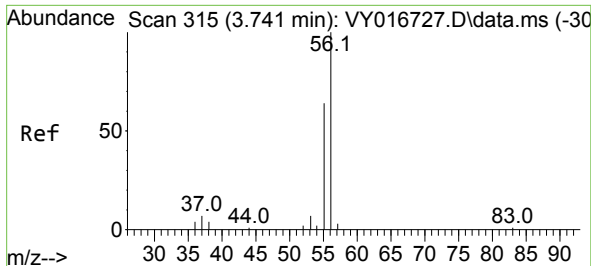


#12
1,1-Dichloroethene
Concen: 19.250 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24



Tgt Ion: 96 Resp: 26252
Ion Ratio Lower Upper
96 100
61 154.5 124.2 186.2
98 61.4 52.6 79.0

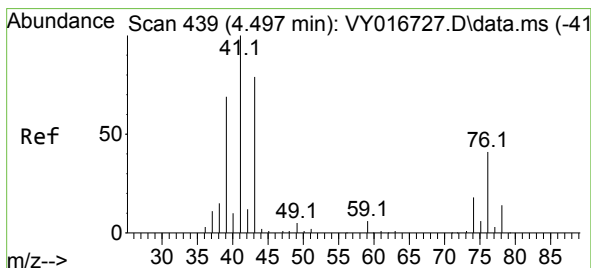
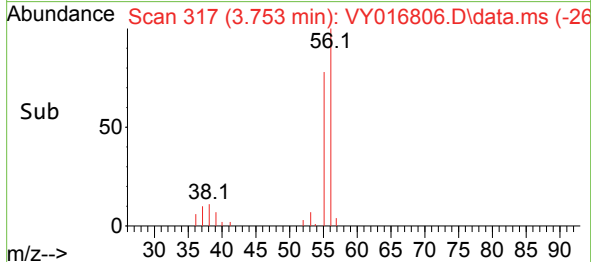
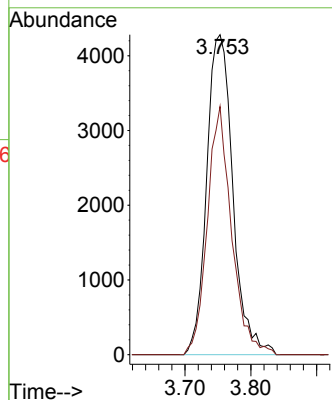
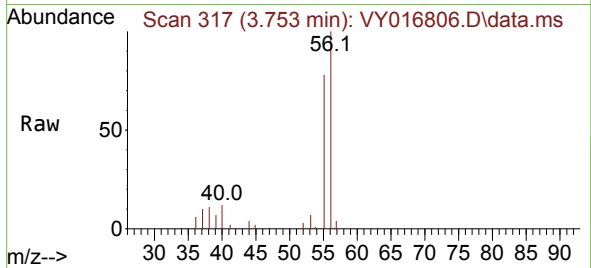




#13
Acrolein
Concen: 142.199 ug/l
RT: 3.753 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

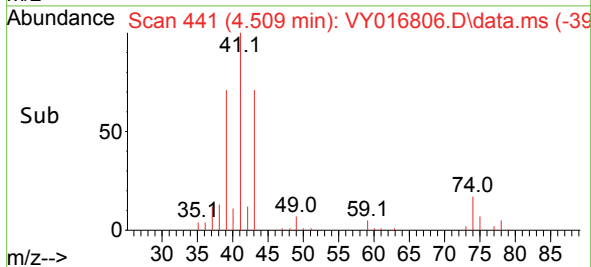
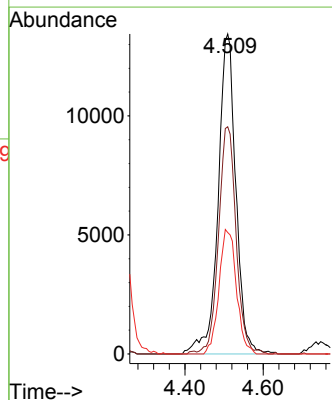
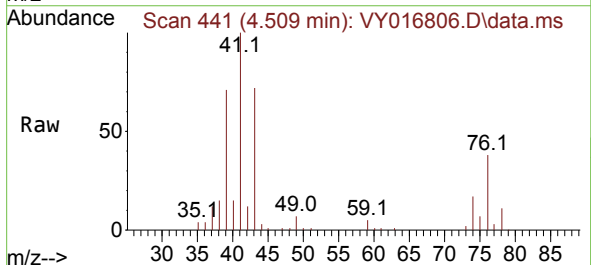
Instrument :
MSVOA_Y
ClientSampleId :

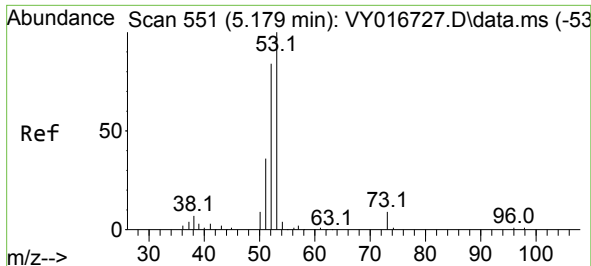
Tgt Ion: 56 Resp: 11863
Ion Ratio Lower Upper
56 100
55 71.8 55.4 83.0



#14
Allyl chloride
Concen: 20.300 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

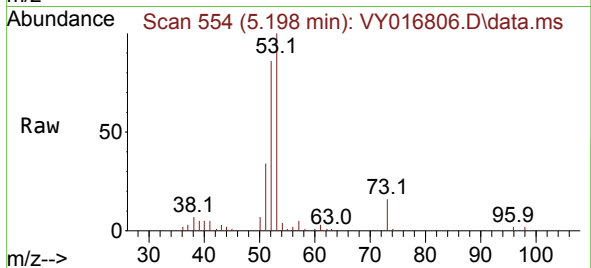
Tgt Ion: 41 Resp: 42402
Ion Ratio Lower Upper
41 100
39 70.4 54.7 82.1
76 38.1 31.8 47.6



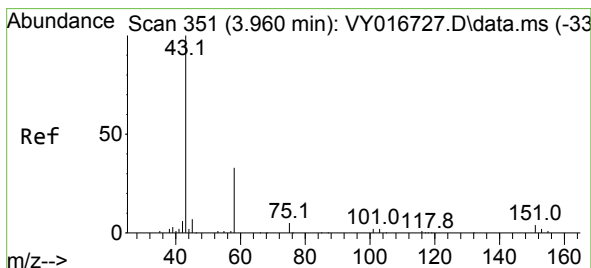
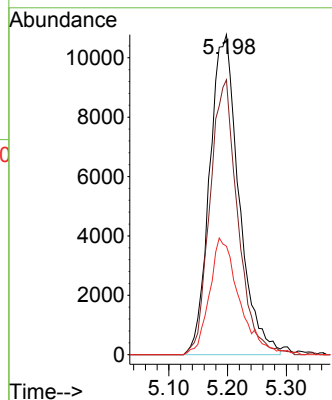
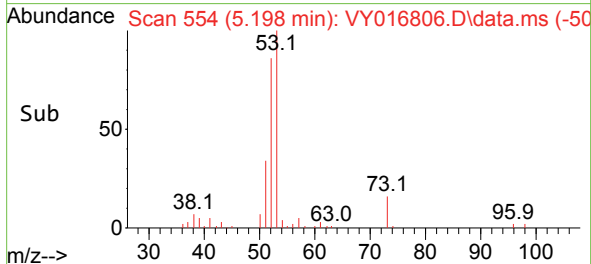


#15
Acrylonitrile
Concen: 110.229 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

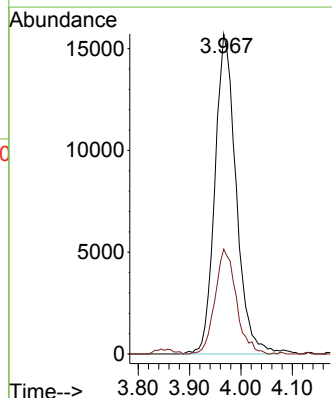
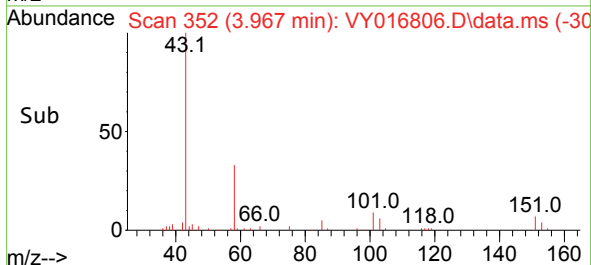
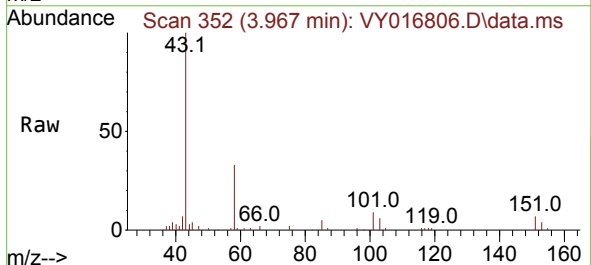


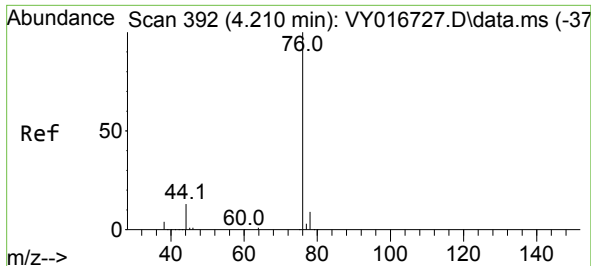
Tgt Ion: 53 Resp: 37286
Ion Ratio Lower Upper
53 100
52 81.6 65.1 97.7
51 37.4 29.0 43.4



#16
Acetone
Concen: 126.424 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

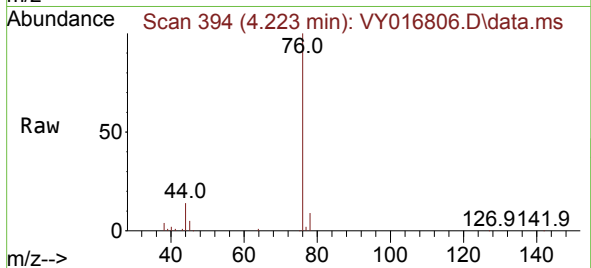
Tgt Ion: 43 Resp: 45083
Ion Ratio Lower Upper
43 100
58 32.2 26.6 39.8



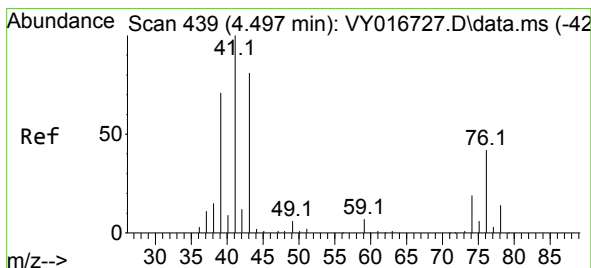
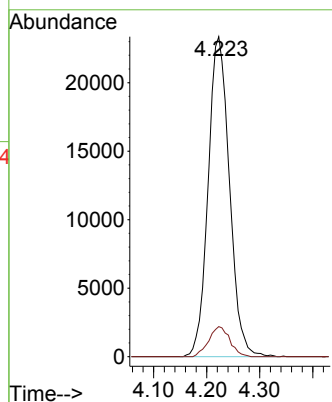
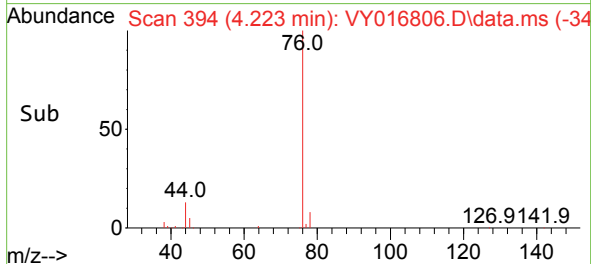


#17
Carbon Disulfide
Concen: 17.545 ug/l
RT: 4.223 min Scan# 394
Delta R.T. 0.013 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

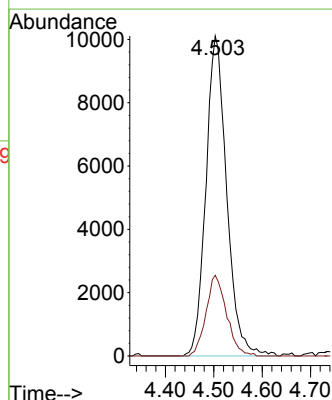
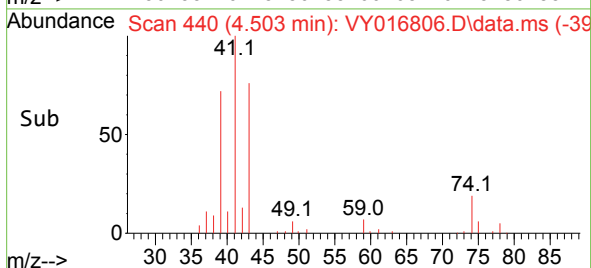
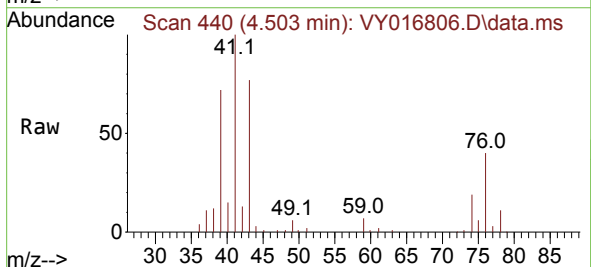


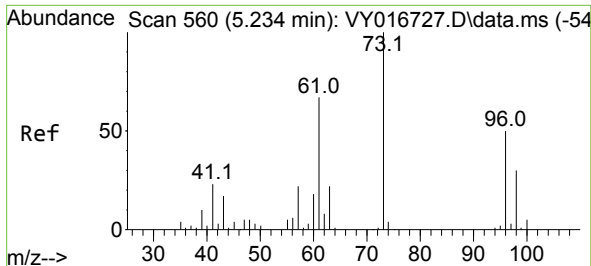
Tgt Ion: 76 Resp: 65102
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 21.697 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion: 43 Resp: 30237
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.6

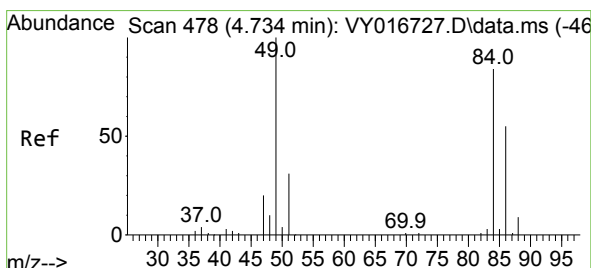
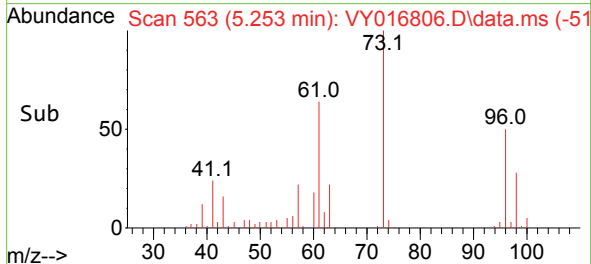
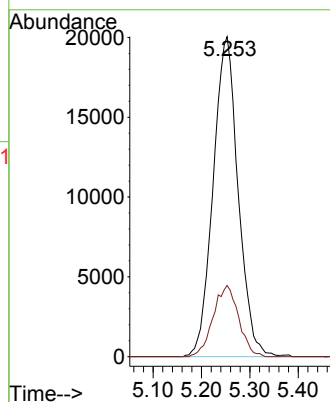
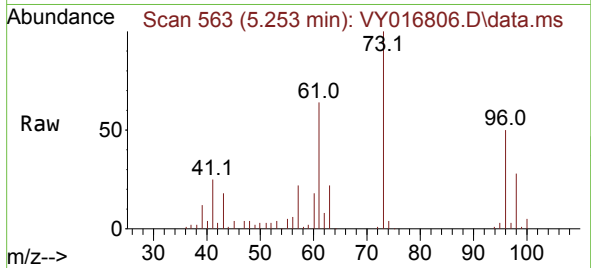




#19
Methyl tert-butyl Ether
Concen: 20.506 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

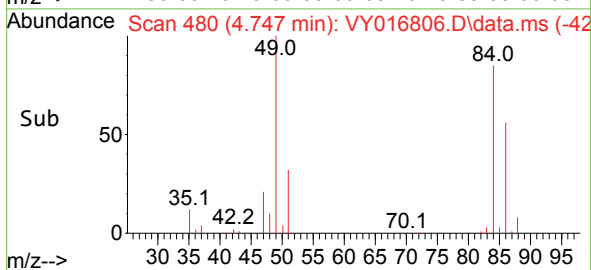
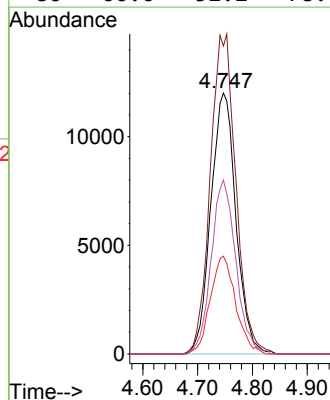
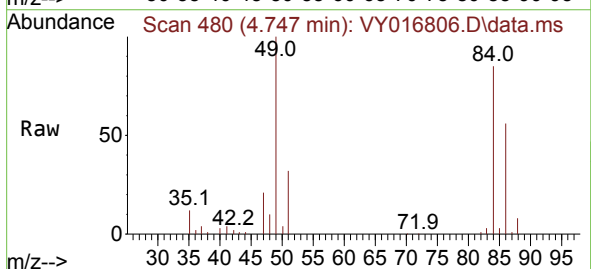
Instrument :
MSVOA_Y
ClientSampleId :

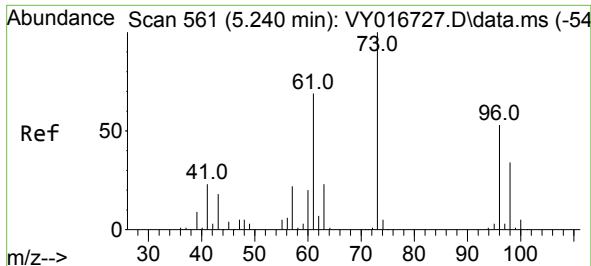
Tgt Ion: 73 Resp: 71955
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 18.802 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion: 84 Resp: 38318
Ion Ratio Lower Upper
84 100
49 117.9 95.2 142.8
51 37.5 29.9 44.9
86 66.6 52.2 78.4

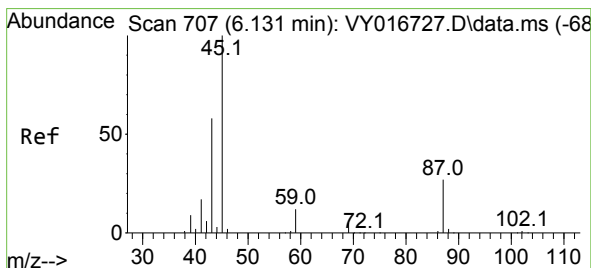
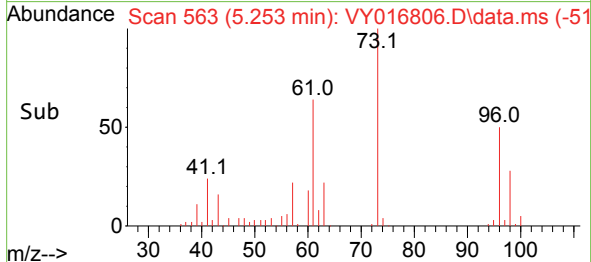
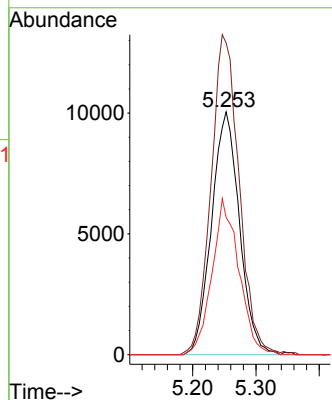
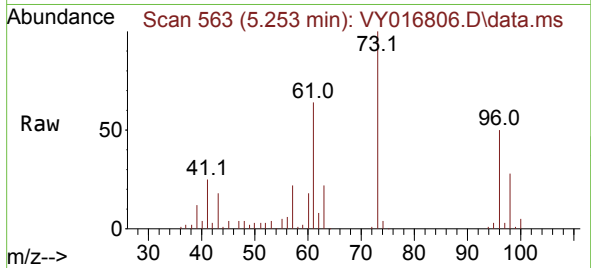




#21
trans-1,2-Dichloroethene
Concen: 19.772 ug/l
RT: 5.253 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

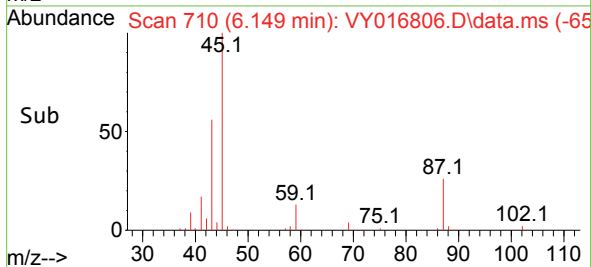
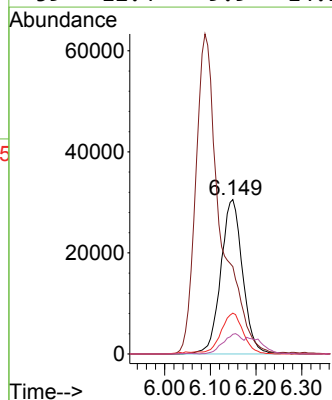
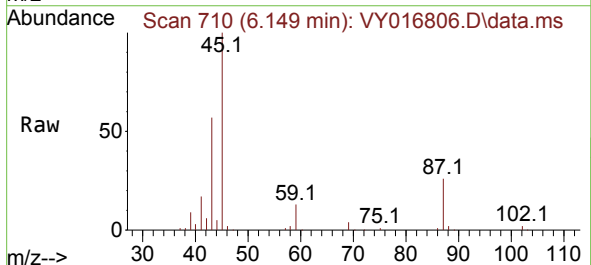
Instrument :
MSVOA_Y
ClientSampleId :

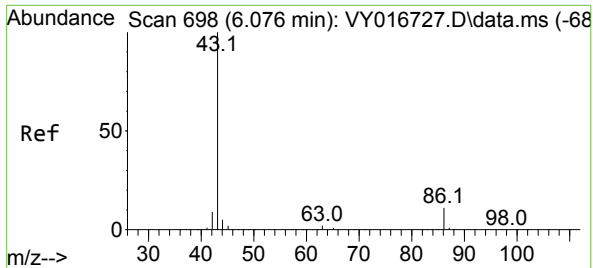
Tgt Ion: 96 Resp: 30753
Ion Ratio Lower Upper
96 100
61 128.4 104.6 156.8
98 56.5 50.9 76.3



#22
Diisopropyl ether
Concen: 21.402 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.019 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion: 45 Resp: 101140
Ion Ratio Lower Upper
45 100
43 55.6 46.8 70.2
87 26.4 22.2 33.2
59 12.4 9.9 14.9

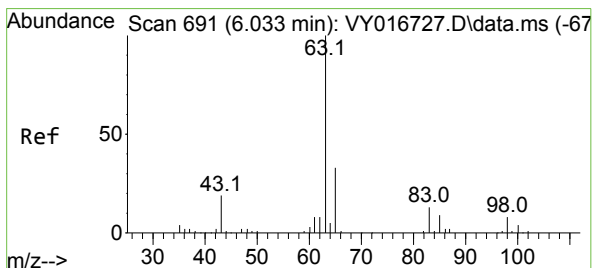
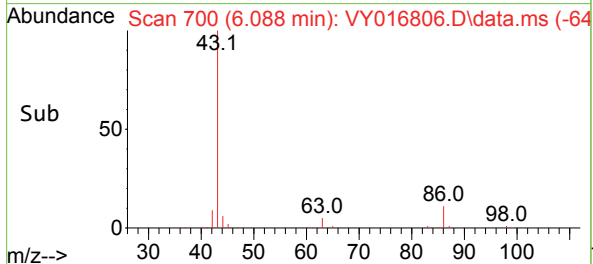
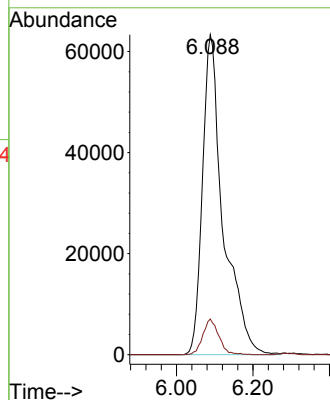
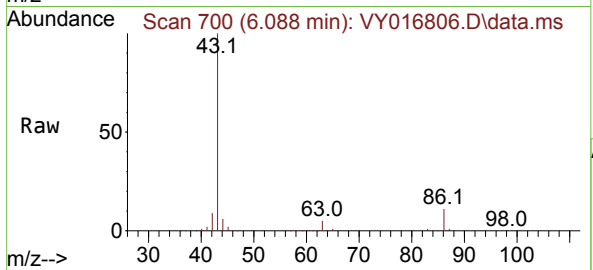




#23
 Vinyl Acetate
 Concen: 106.365 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.012 min
 Lab File: VY016806.D
 Acq: 22 Dec 2023 14:24

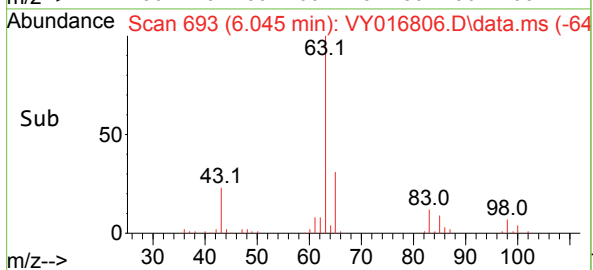
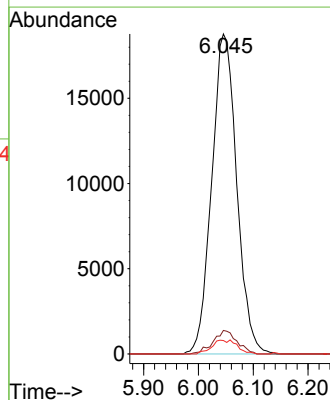
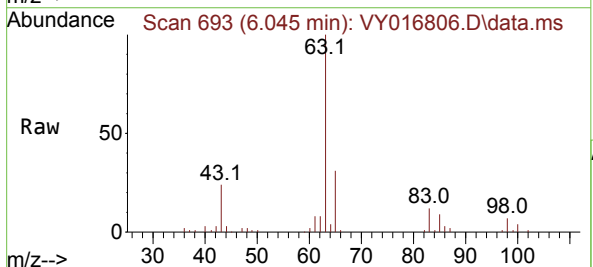
Instrument :
 MSVOA_Y
 ClientSampleId :

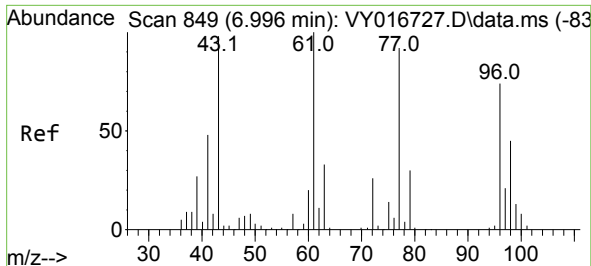
Tgt Ion: 43 Resp: 237730
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.936 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016806.D
 Acq: 22 Dec 2023 14:24

Tgt Ion: 63 Resp: 59432
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.4
 100 4.2 2.1 6.2





#25

2-Butanone

Concen: 118.925 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

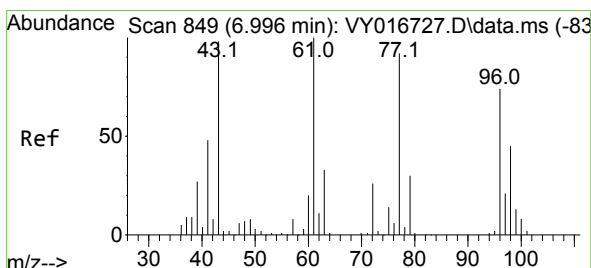
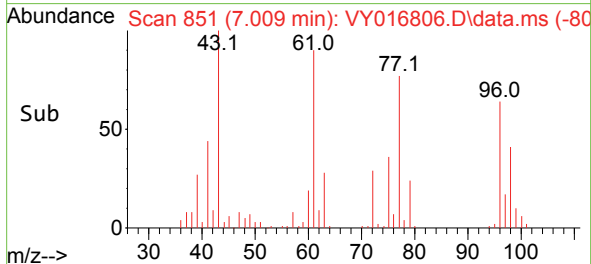
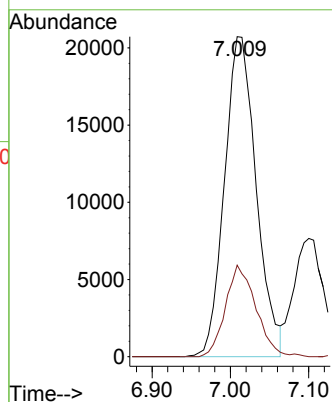
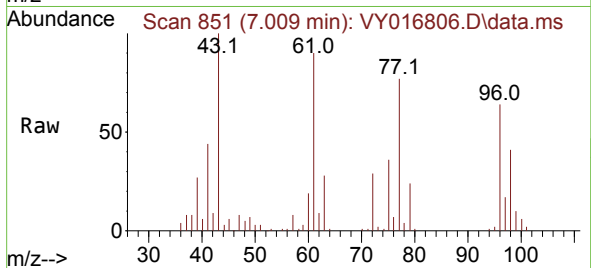
ClientSampleId :

Tgt Ion: 43 Resp: 58389

Ion Ratio Lower Upper

43 100

72 28.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 20.389 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016806.D

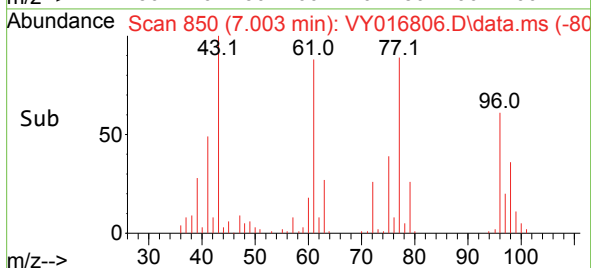
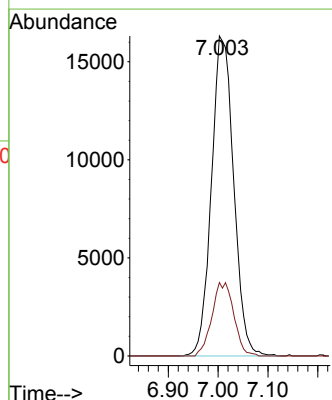
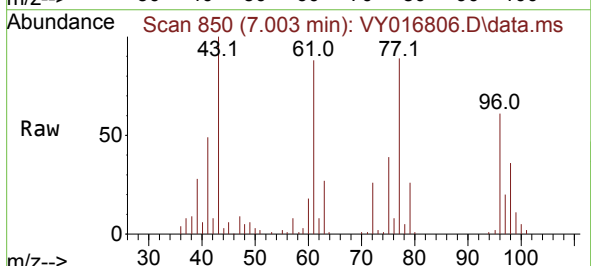
Acq: 22 Dec 2023 14:24

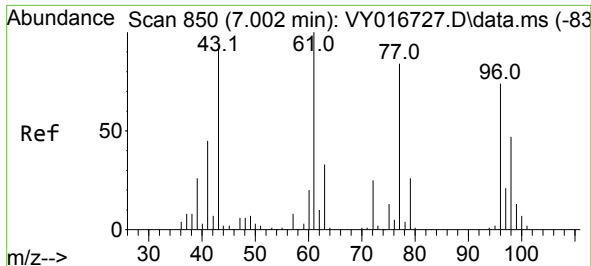
Tgt Ion: 77 Resp: 50508

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.366 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

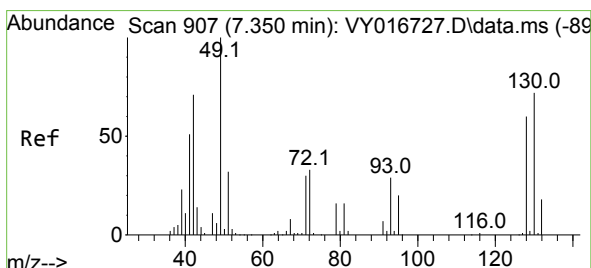
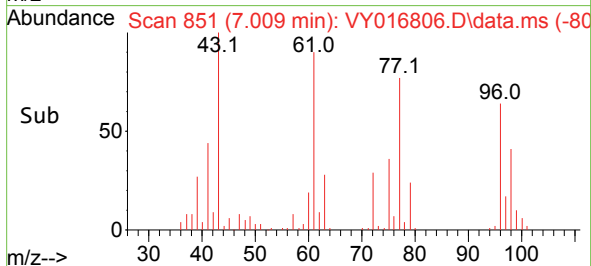
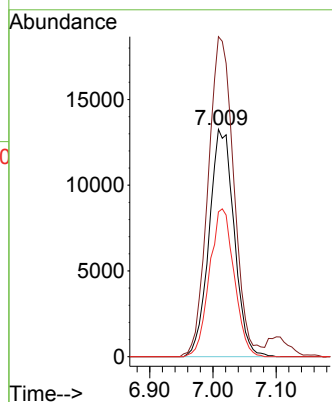
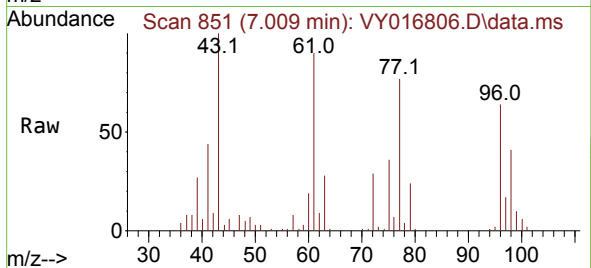
Tgt Ion: 96 Resp: 36457

Ion Ratio Lower Upper

96 100

61 144.4 0.0 278.8

98 64.1 0.0 127.0



#28

Bromochloromethane

Concen: 22.246 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

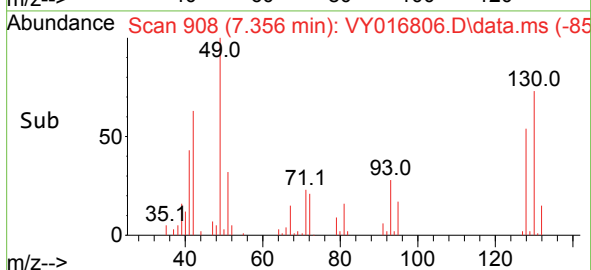
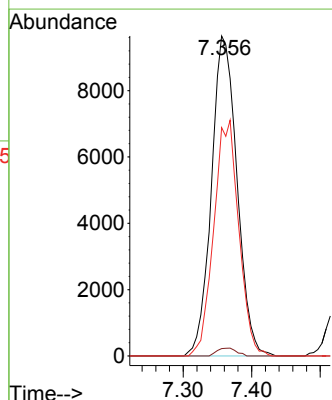
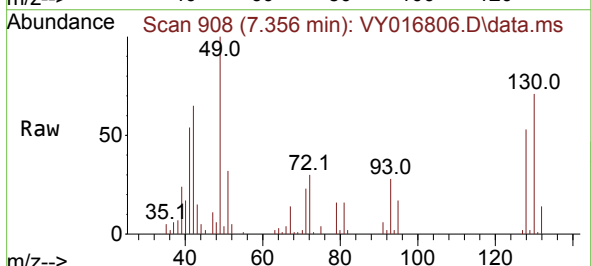
Tgt Ion: 49 Resp: 24995

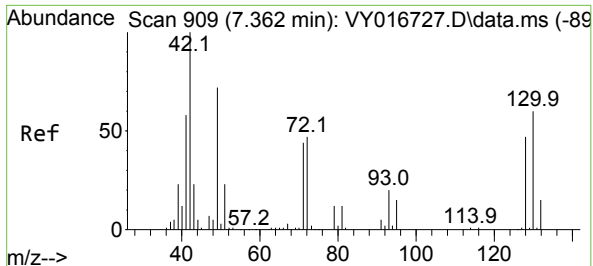
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 71.9 59.8 89.8





#29

Tetrahydrofuran

Concen: 113.527 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

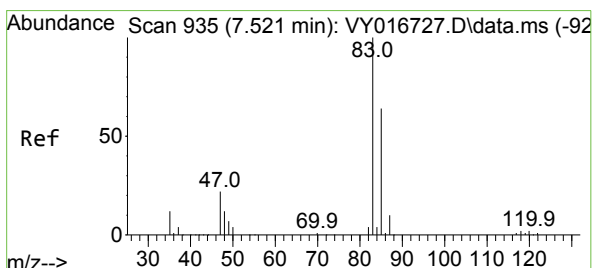
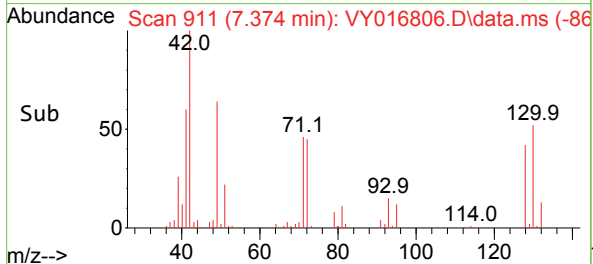
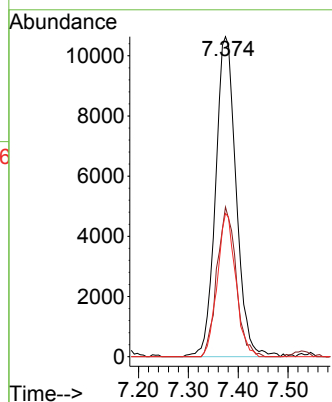
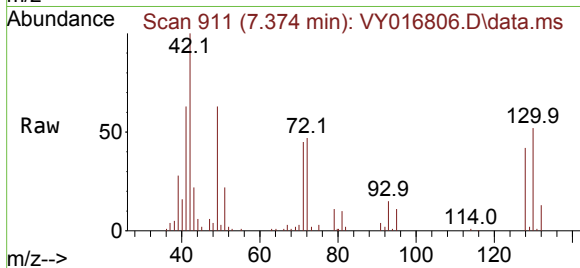
Tgt Ion: 42 Resp: 30478

Ion Ratio Lower Upper

42 100

72 43.3 36.6 54.8

71 40.1 33.8 50.6



#30

Chloroform

Concen: 20.816 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY016806.D

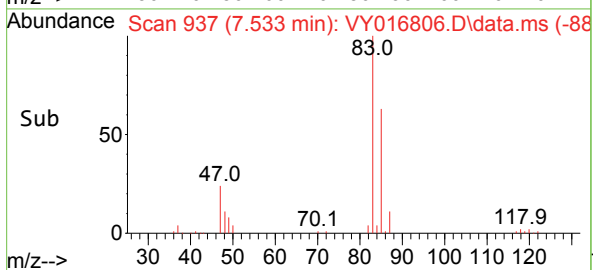
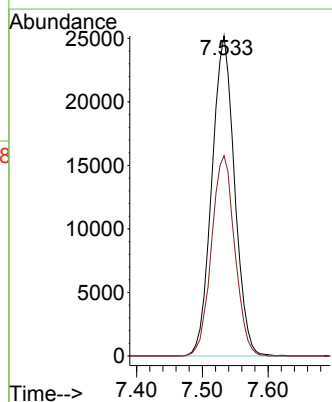
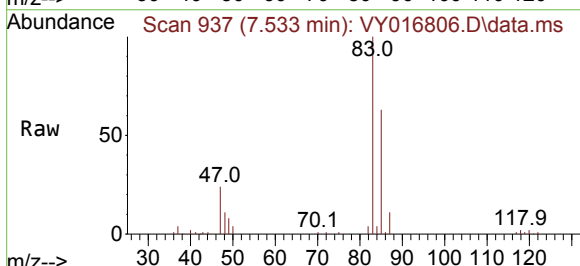
Acq: 22 Dec 2023 14:24

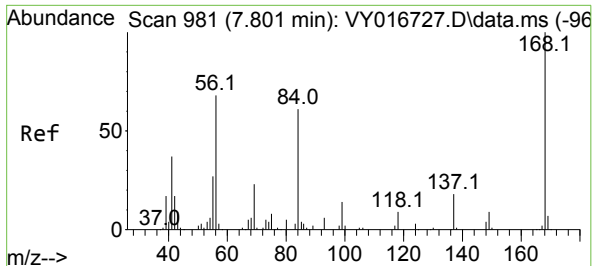
Tgt Ion: 83 Resp: 60494

Ion Ratio Lower Upper

83 100

85 62.6 51.2 76.8

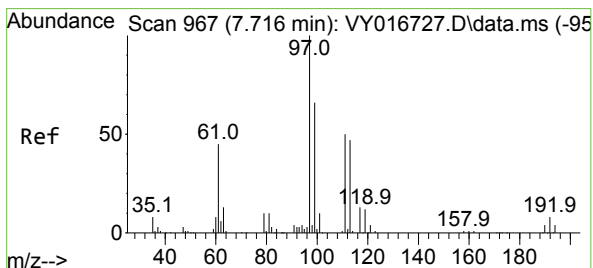
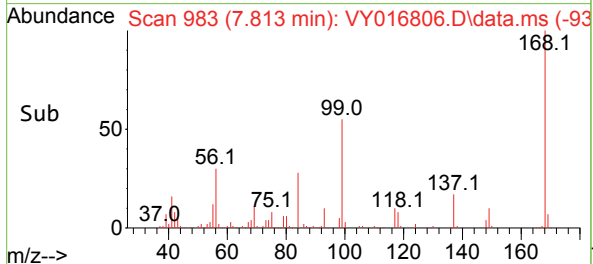
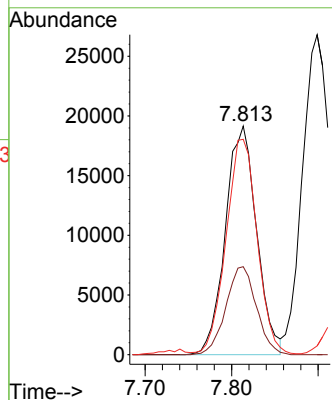
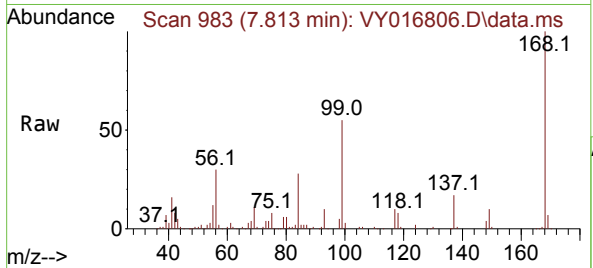




#31
Cyclohexane
Concen: 18.989 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

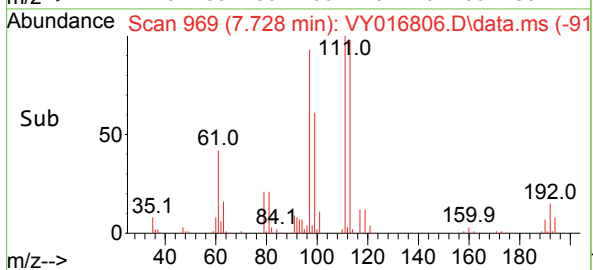
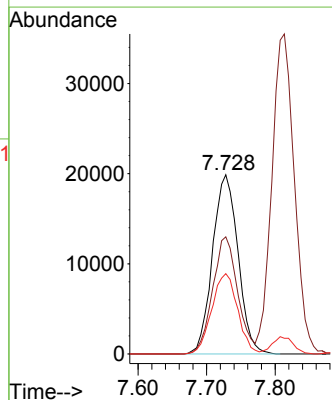
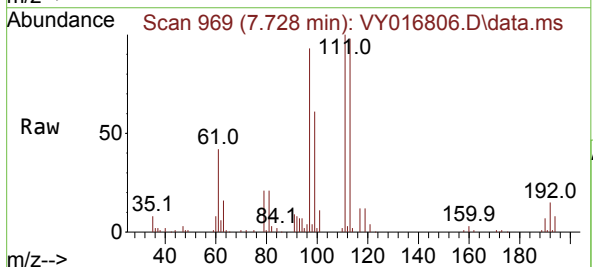
Instrument :
MSVOA_Y
ClientSampleId :

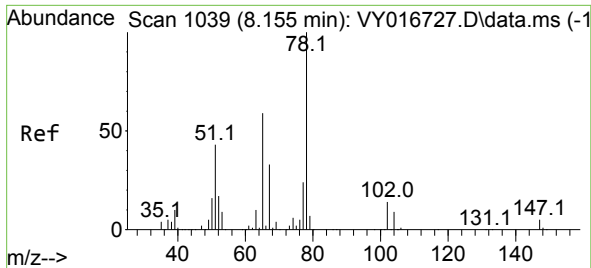
Tgt Ion: 56 Resp: 47978
Ion Ratio Lower Upper
56 100
69 38.5 27.0 40.6
84 91.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.097 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion: 97 Resp: 51266
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 45.5 35.0 52.6

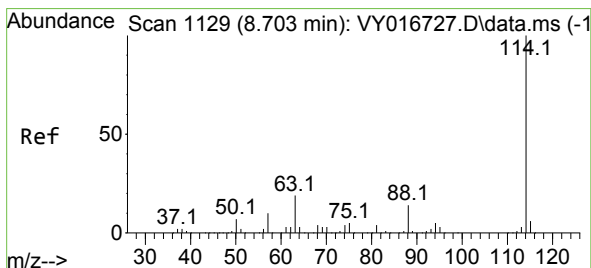
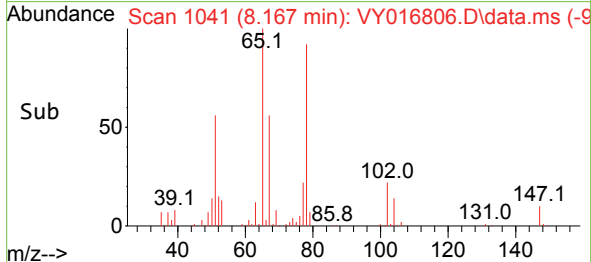
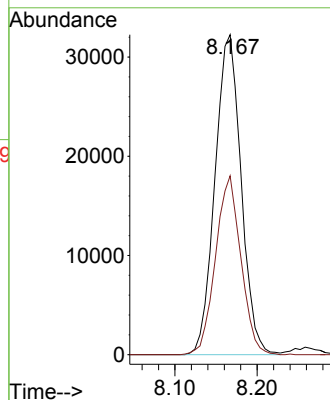
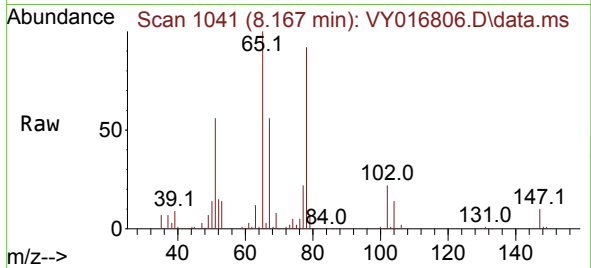




#33
 1,2-Dichloroethane-d4
 Concen: 54.081 ug/l
 RT: 8.167 min Scan# 1130
 Delta R.T. 0.012 min
 Lab File: VY016806.D
 Acq: 22 Dec 2023 14:24

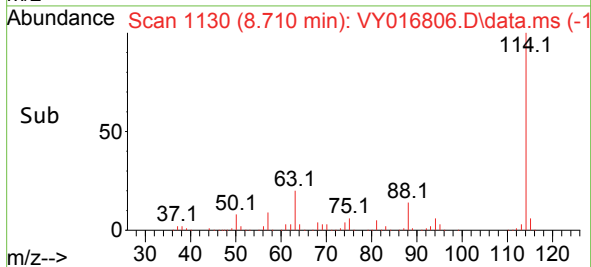
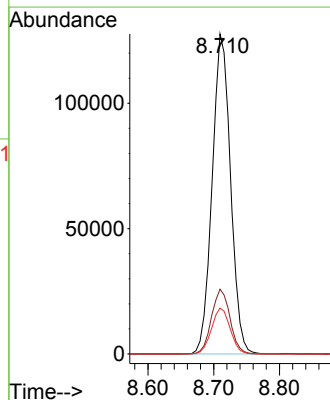
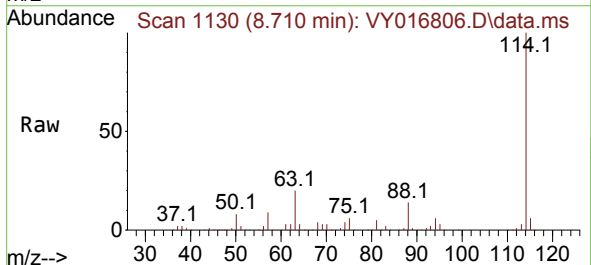
Instrument :
 MSVOA_Y
 ClientSampleId :

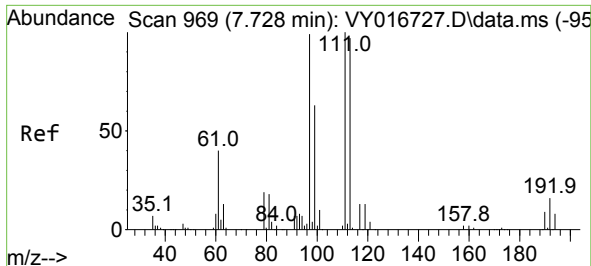
Tgt Ion: 65 Resp: 71319
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 1130
 Delta R.T. 0.007 min
 Lab File: VY016806.D
 Acq: 22 Dec 2023 14:24

Tgt Ion: 114 Resp: 248153
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 37.4
 88 14.3 0.0 29.0

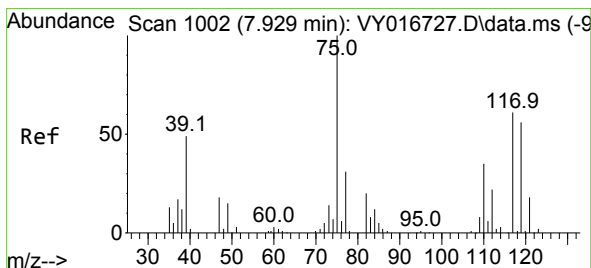
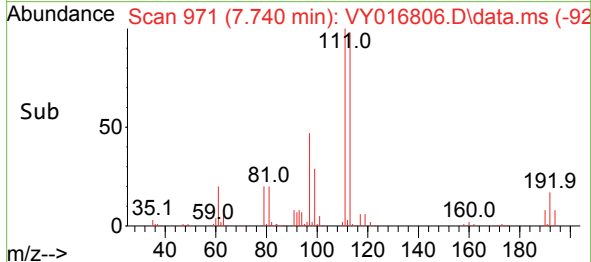
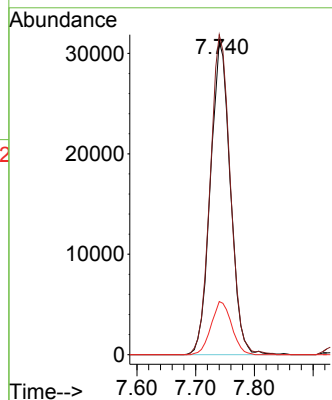
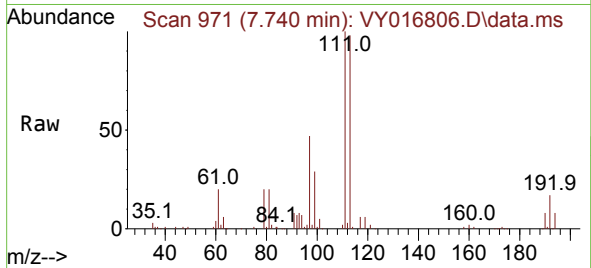




#35
Dibromofluoromethane
Concen: 51.631 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

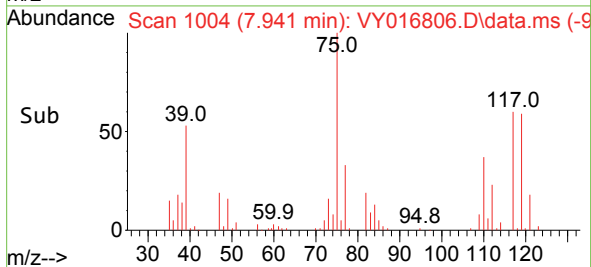
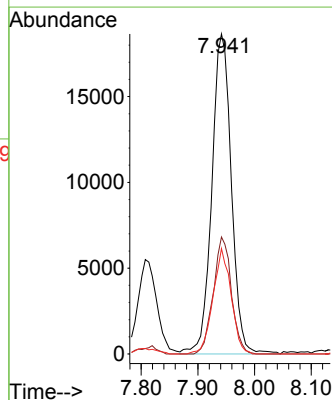
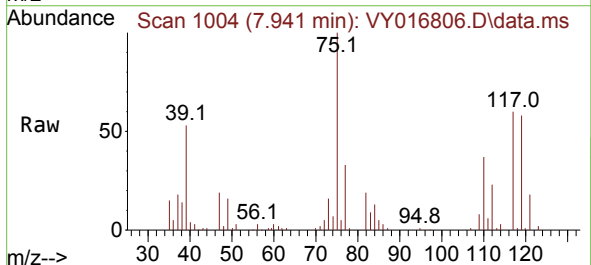
Instrument :
MSVOA_Y
ClientSampleId :

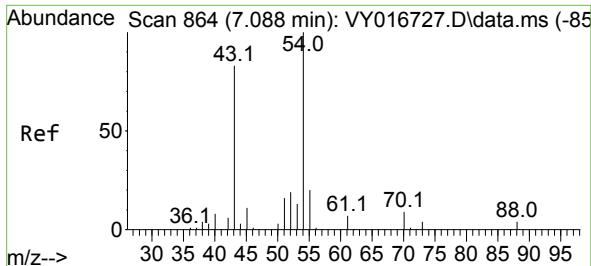
Tgt Ion:113 Resp: 73393
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 17.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 19.587 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion: 75 Resp: 44637
Ion Ratio Lower Upper
75 100
110 34.0 17.4 52.3
77 30.6 24.7 37.1





#37

Ethyl Acetate

Concen: 22.102 ug/l

RT: 7.100 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

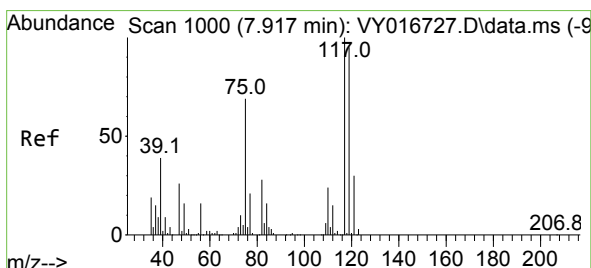
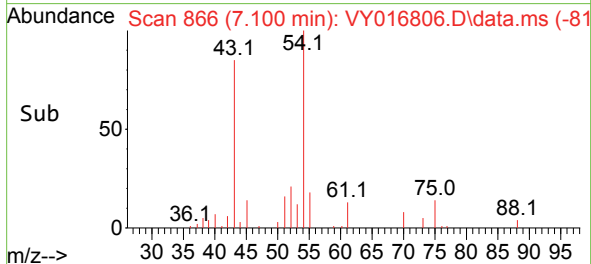
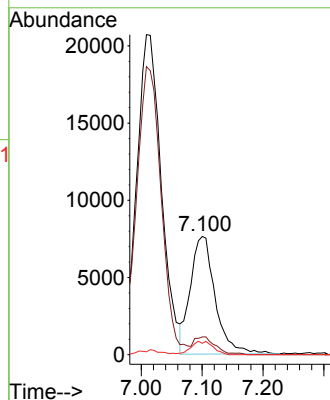
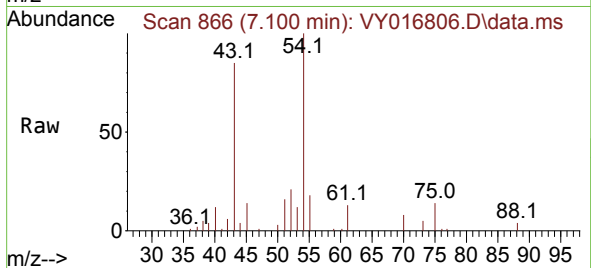
Tgt Ion: 43 Resp: 21589

Ion Ratio Lower Upper

43 100

61 12.7 11.0 16.6

70 10.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.505 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

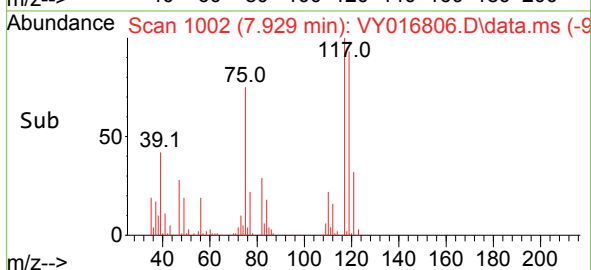
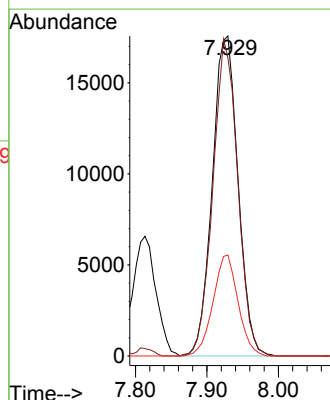
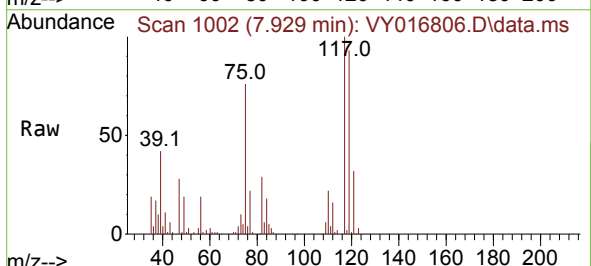
Tgt Ion: 117 Resp: 43984

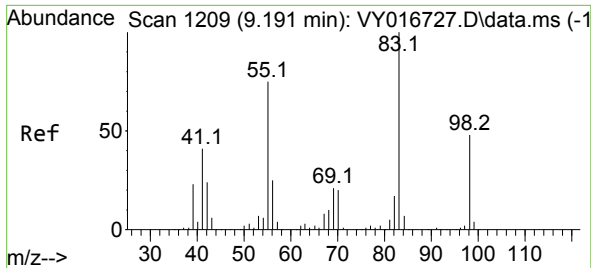
Ion Ratio Lower Upper

117 100

119 93.2 76.0 114.0

121 31.6 24.2 36.2

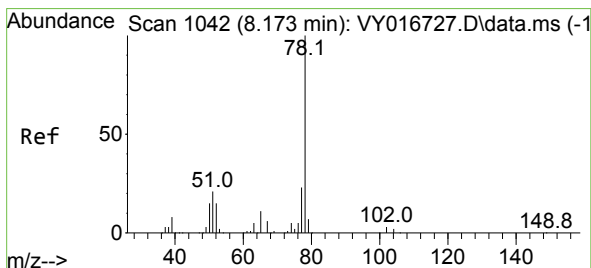
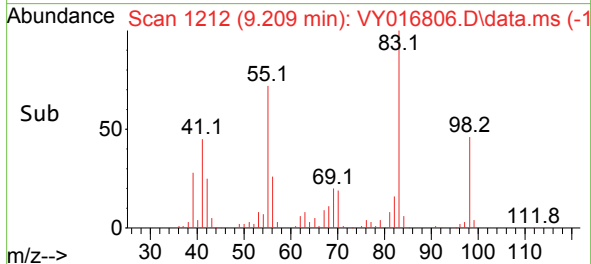
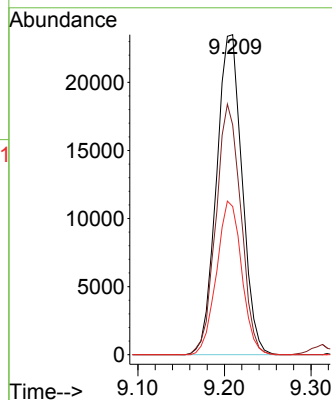
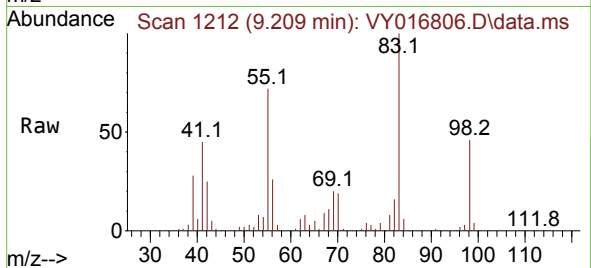




#39
Methylcyclohexane
Concen: 18.360 ug/l
RT: 9.209 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

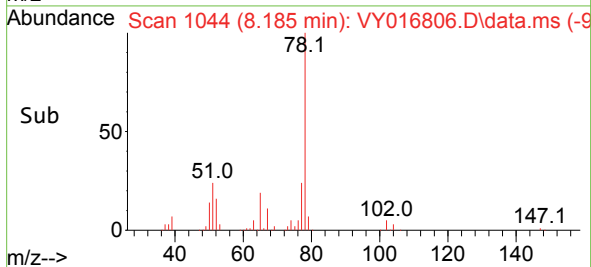
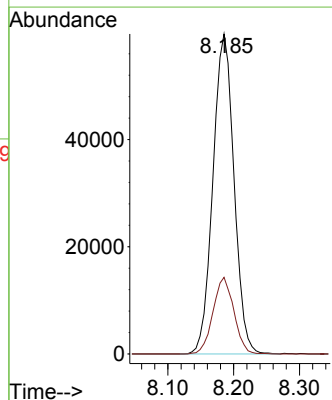
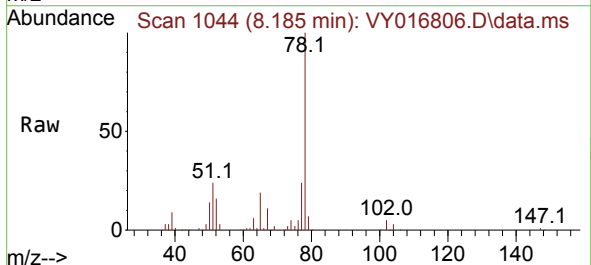
Instrument :
MSVOA_Y
ClientSampleId :

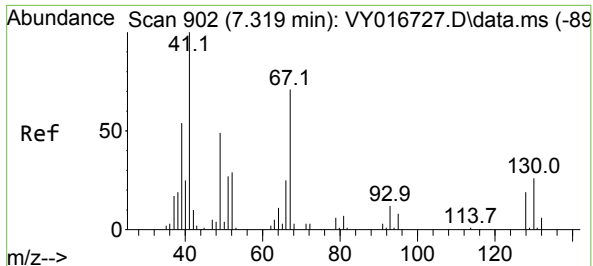
Tgt Ion: 83 Resp: 48307
Ion Ratio Lower Upper
83 100
55 71.8 59.7 89.5
98 46.3 38.0 57.0



#40
Benzene
Concen: 20.092 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

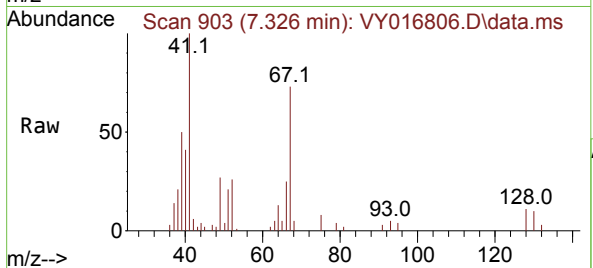
Tgt Ion: 78 Resp: 133242
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



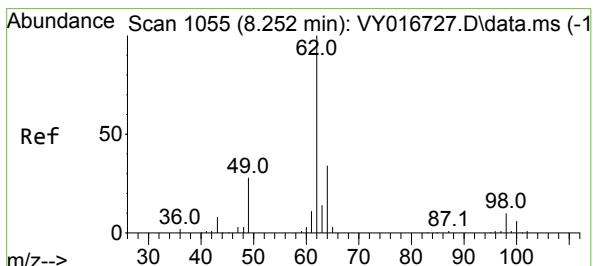
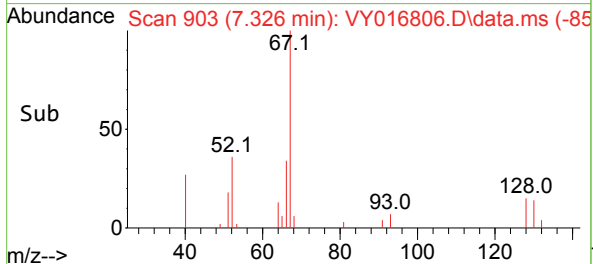
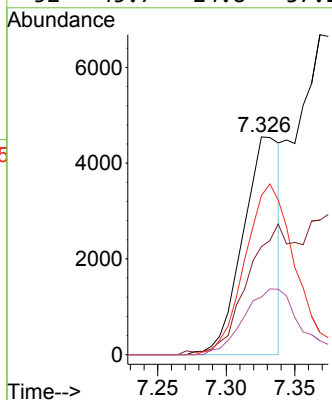


#41
Methacrylonitrile
Concen: 16.377 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

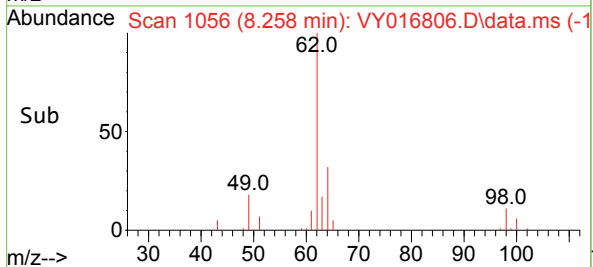
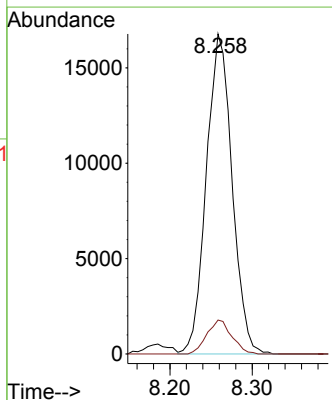
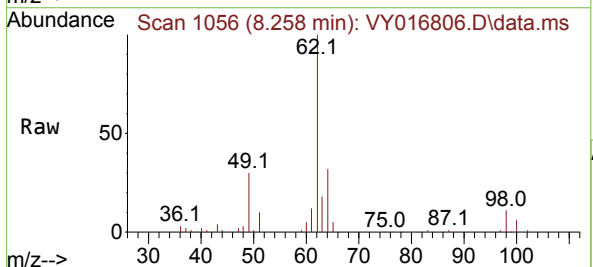


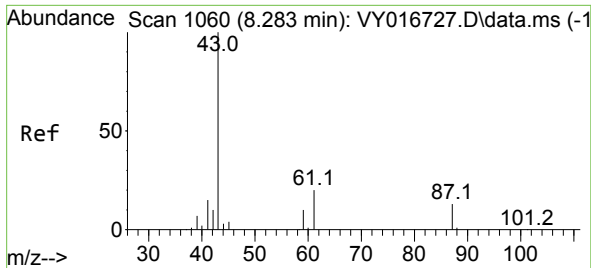
Tgt Ion:	41	Resp:	8493
Ion	Ratio	Lower	Upper
41	100		
39	84.7	41.9	62.9#
67	107.9	59.8	89.6#
52	45.7	24.8	37.2#



#42
1,2-Dichloroethane
Concen: 21.114 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion:	62	Resp:	36530
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2

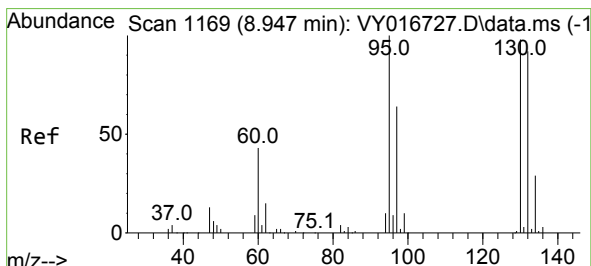
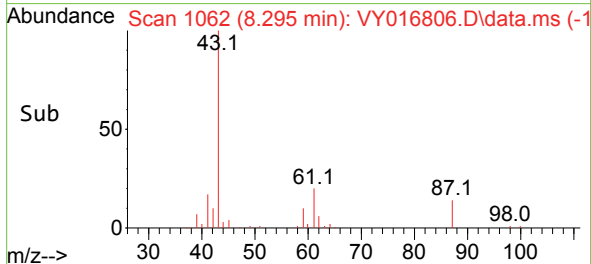
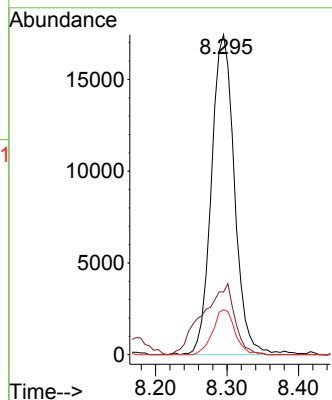
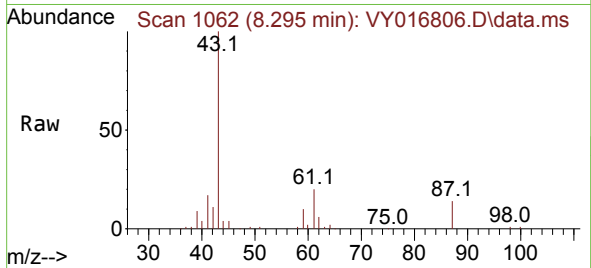




#43
Isopropyl Acetate
Concen: 20.527 ug/l
RT: 8.295 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

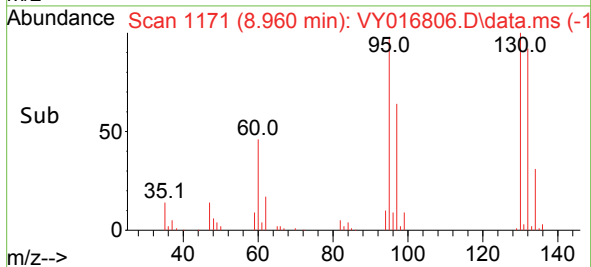
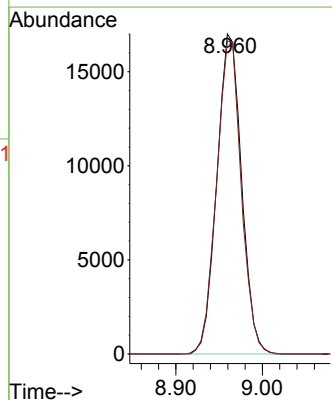
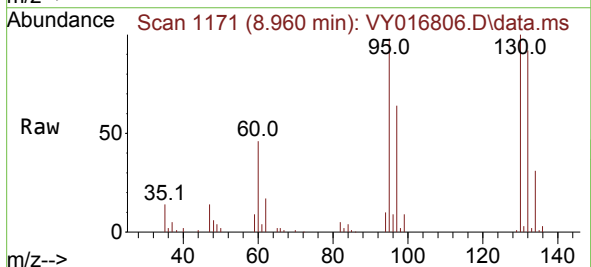
Instrument :
MSVOA_Y
ClientSampleId :

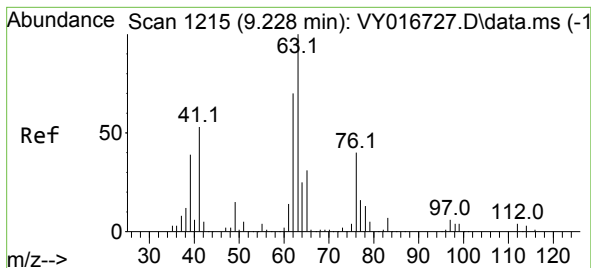
Tgt Ion: 43 Resp: 38942
Ion Ratio Lower Upper
43 100
61 31.0 24.8 37.2
87 13.7 10.7 16.1



#44
Trichloroethene
Concen: 19.883 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion:130 Resp: 33654
Ion Ratio Lower Upper
130 100
95 97.8 0.0 203.8





#45

1,2-Dichloropropane

Concen: 20.821 ug/l

RT: 9.234 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

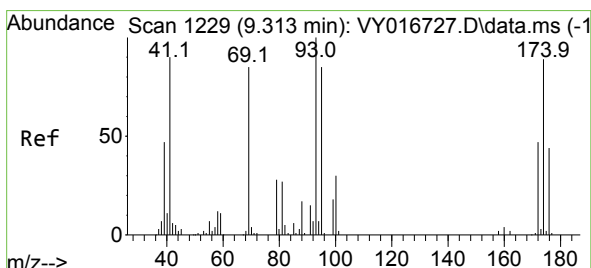
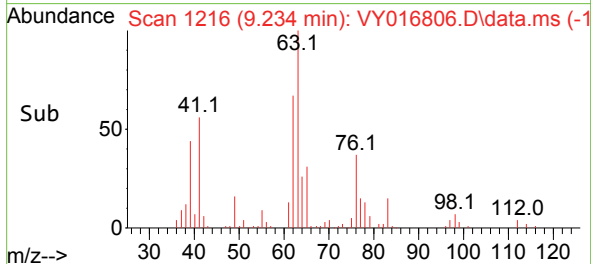
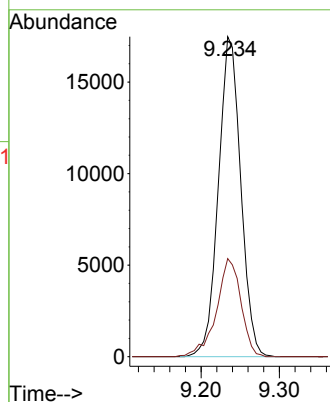
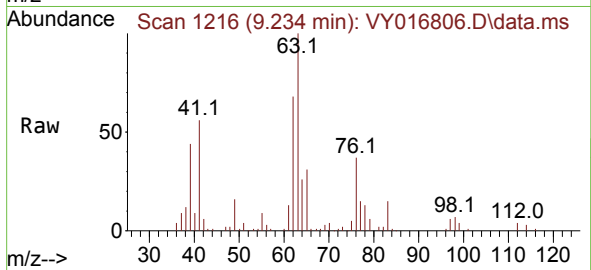
ClientSampleId :

Tgt Ion: 63 Resp: 34636

Ion Ratio Lower Upper

63 100

65 30.6 24.6 36.8



#46

Dibromomethane

Concen: 20.427 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

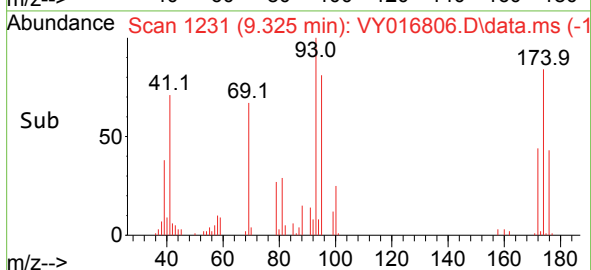
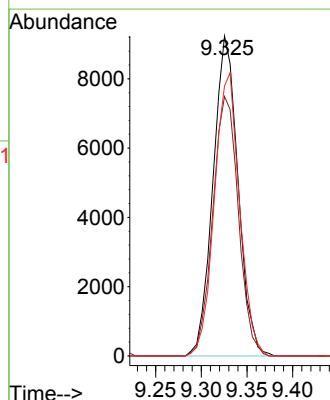
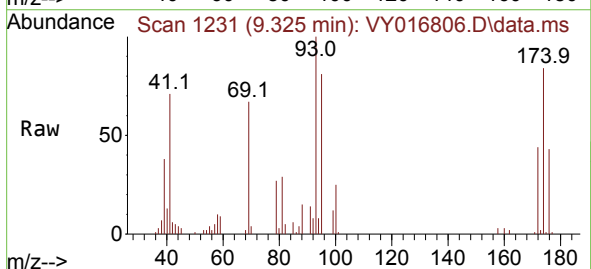
Tgt Ion: 93 Resp: 17554

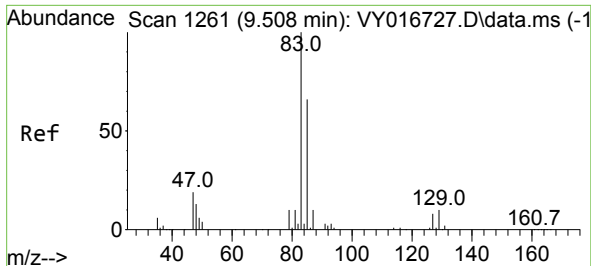
Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

174 88.8 73.8 110.6

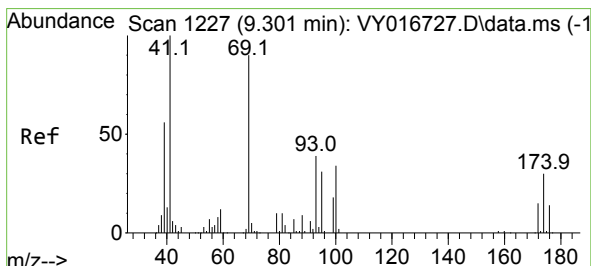
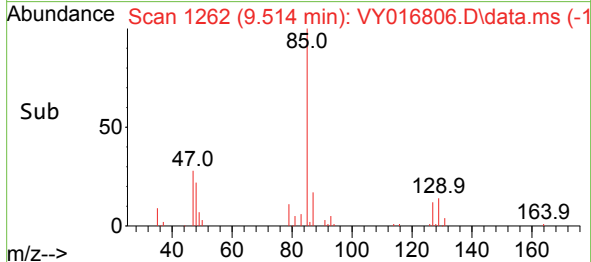
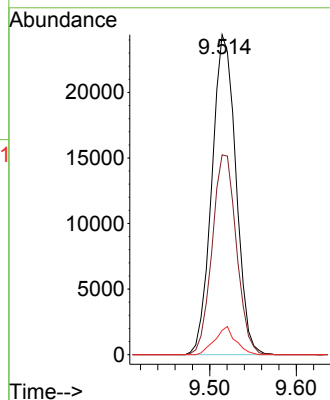
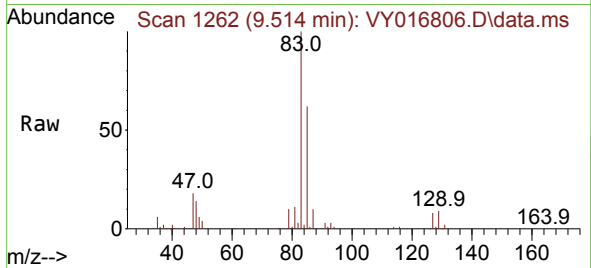




#47
Bromodichloromethane
Concen: 20.743 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

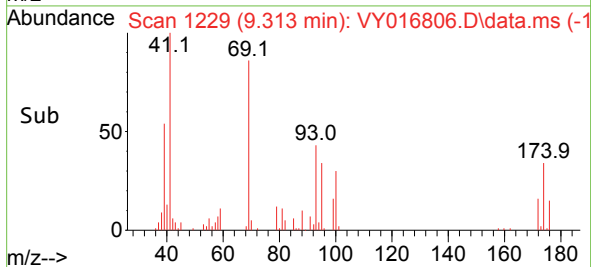
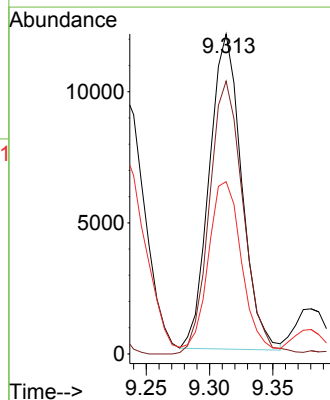
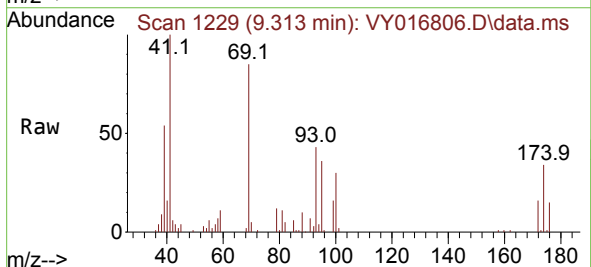
Instrument :
MSVOA_Y
ClientSampleId :

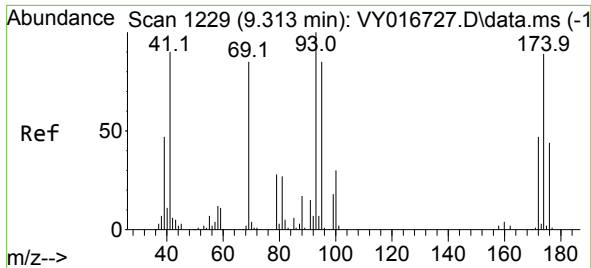
Tgt Ion: 83 Resp: 46983
Ion Ratio Lower Upper
83 100
85 62.4 53.2 79.8
127 7.6 6.4 9.6



#48
Methyl methacrylate
Concen: 20.283 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion: 41 Resp: 21385
Ion Ratio Lower Upper
41 100
69 90.4 72.1 108.1
39 57.0 42.8 64.2

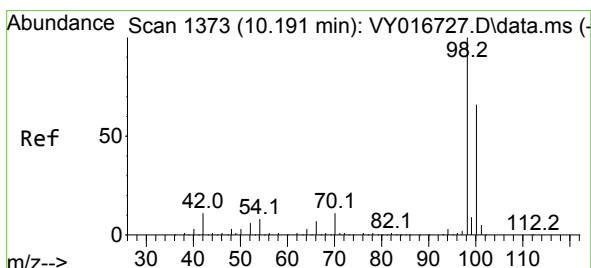
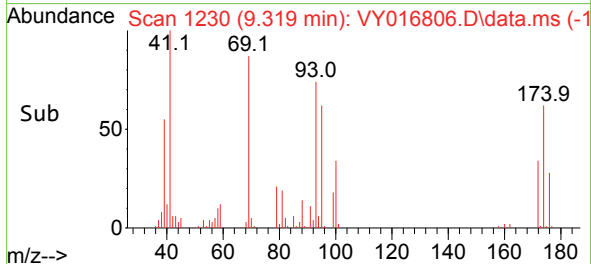
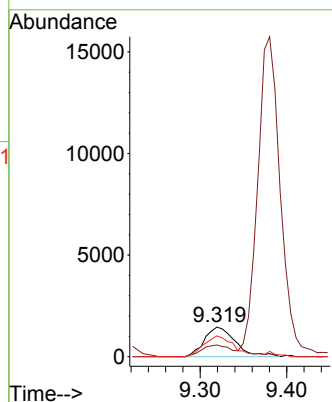
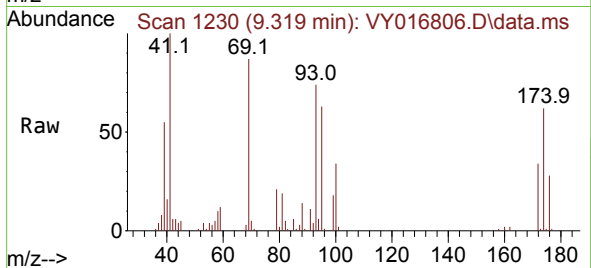




#49
1,4-Dioxane
Concen: 435.082 ug/l
RT: 9.319 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

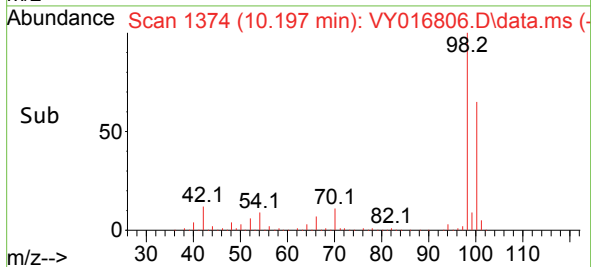
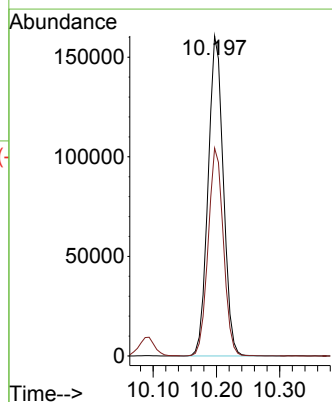
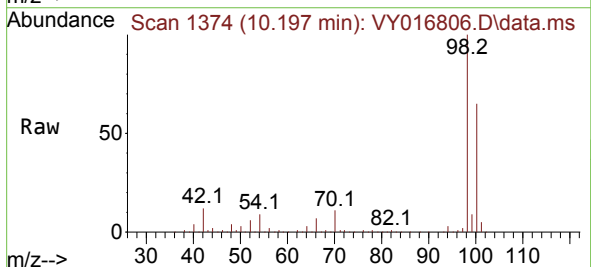
Instrument :
MSVOA_Y
ClientSampleId :

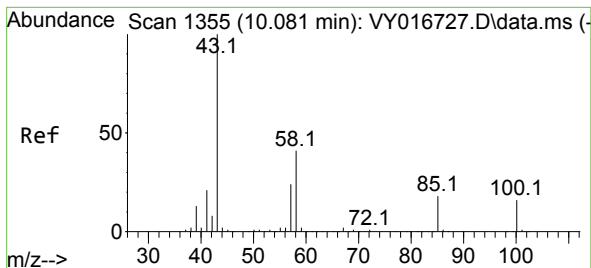
Tgt Ion: 88 Resp: 3629
Ion Ratio Lower Upper
88 100
43 37.5 28.2 42.4
58 68.6 52.2 78.2



#50
Toluene-d8
Concen: 52.565 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion: 98 Resp: 269357
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

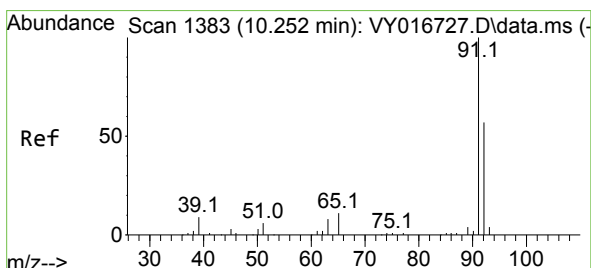
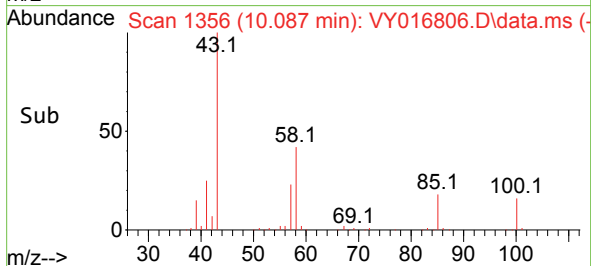
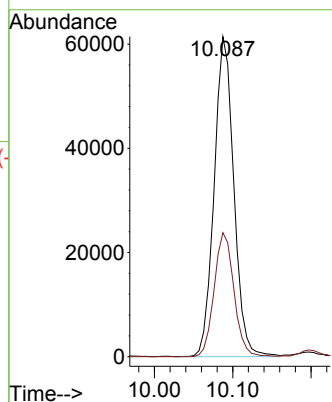
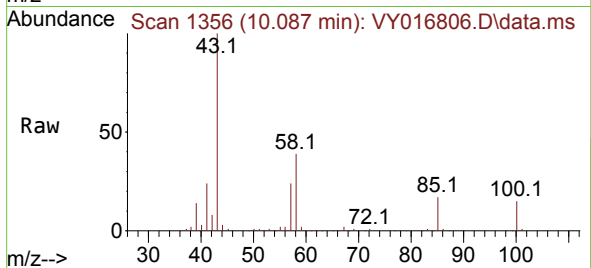




#51
4-Methyl-2-Pentanone
Concen: 106.110 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

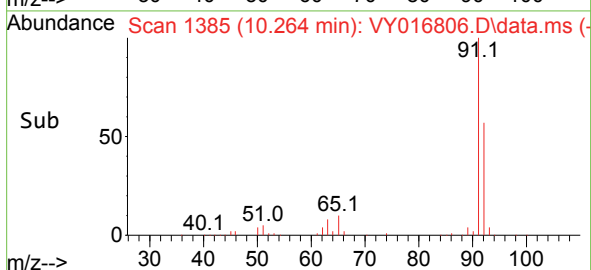
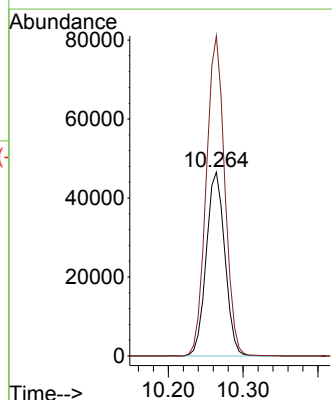
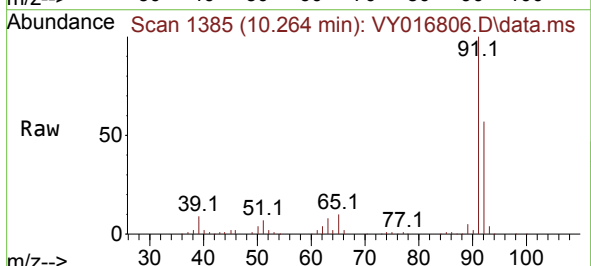
Instrument :
MSVOA_Y
ClientSampleId :

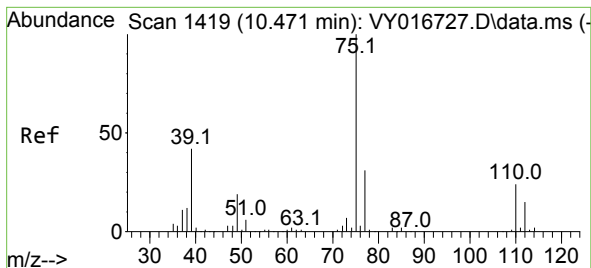
Tgt Ion: 43 Resp: 107256
Ion Ratio Lower Upper
43 100
58 39.0 32.2 48.2



#52
Toluene
Concen: 20.253 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion: 92 Resp: 80485
Ion Ratio Lower Upper
92 100
91 173.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 20.339 ug/l

RT: 10.484 min Scan# 1419

Delta R.T. 0.013 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

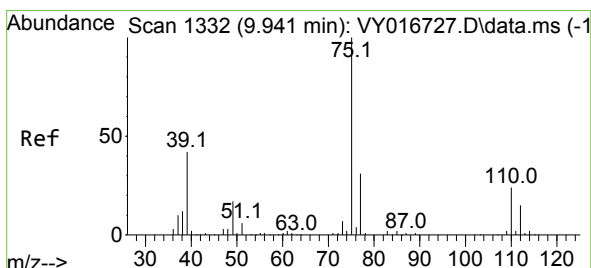
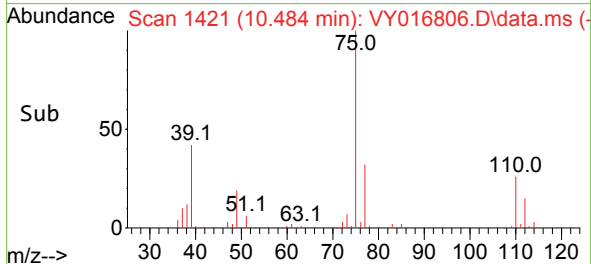
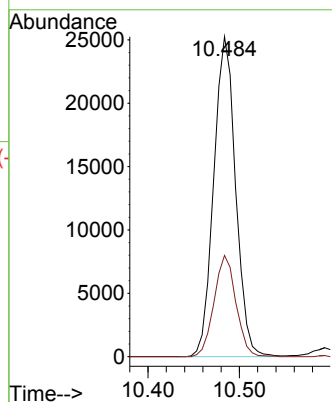
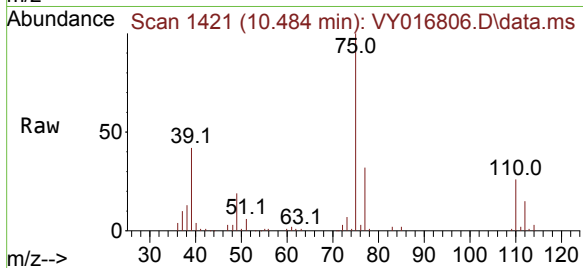
ClientSampleId :

Tgt Ion: 75 Resp: 42007

Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 20.245 ug/l

RT: 9.947 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

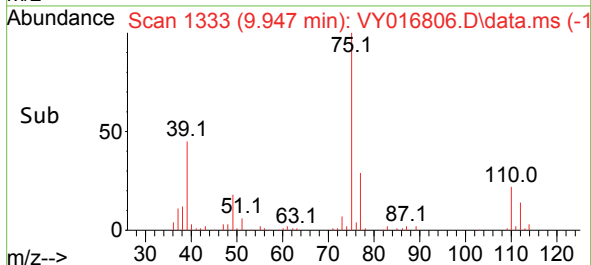
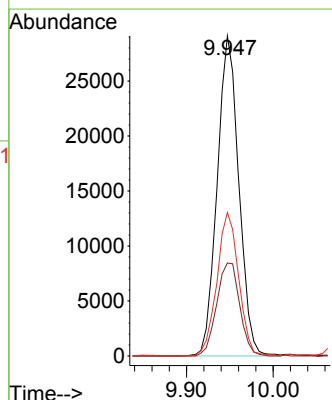
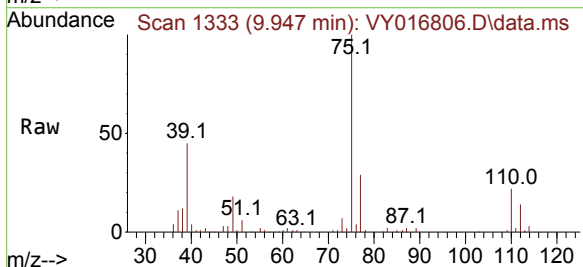
Tgt Ion: 75 Resp: 50434

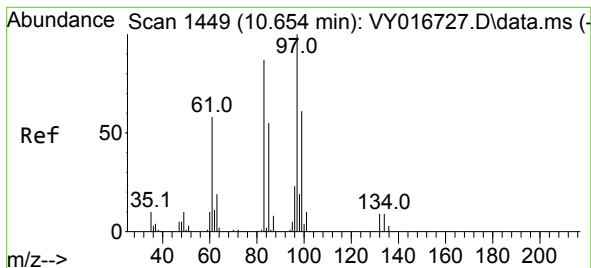
Ion Ratio Lower Upper

75 100

77 29.1 24.6 36.8

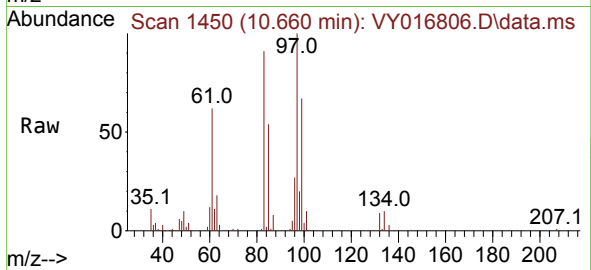
39 44.8 33.6 50.4



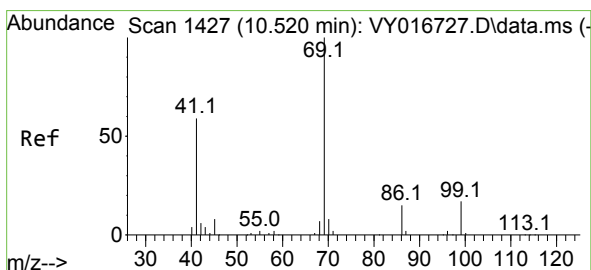
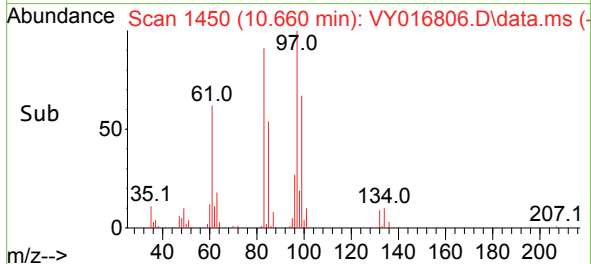
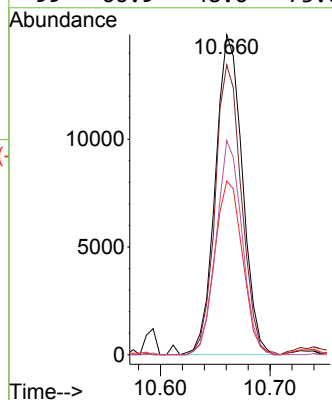


#55
1,1,2-Trichloroethane
Concen: 20.738 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

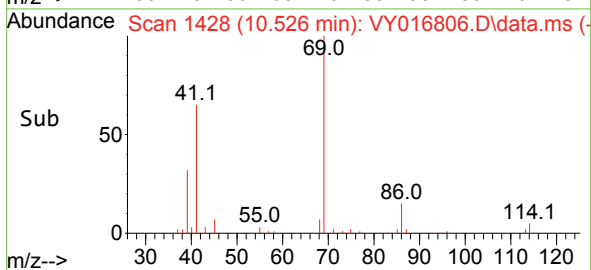
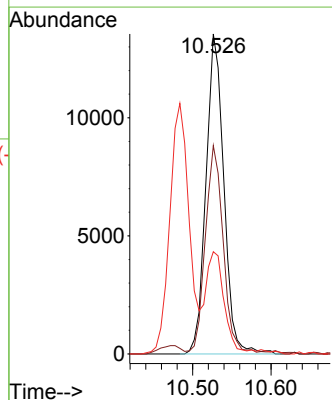
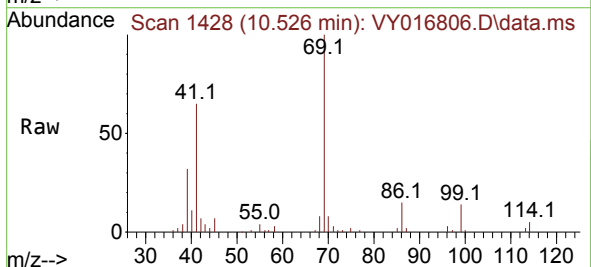


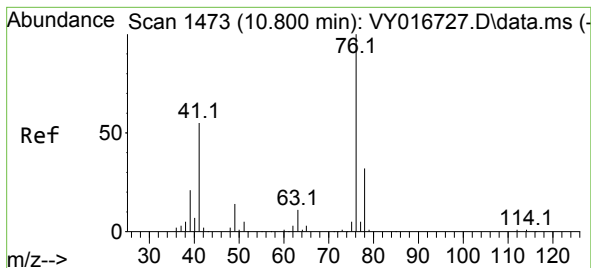
Tgt Ion: 97	Resp: 25427
Ion Ratio	Lower Upper
97 100	
83 90.6	69.4 104.2
85 54.2	43.9 65.9
99 66.9	48.6 73.0



#56
Ethyl methacrylate
Concen: 19.888 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion: 69	Resp: 21443
Ion Ratio	Lower Upper
69 100	
41 64.1	49.2 73.8
39 31.2	26.8 40.2





#57

1,3-Dichloropropane

Concen: 20.679 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.007 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

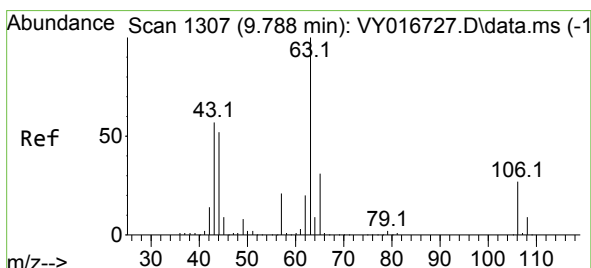
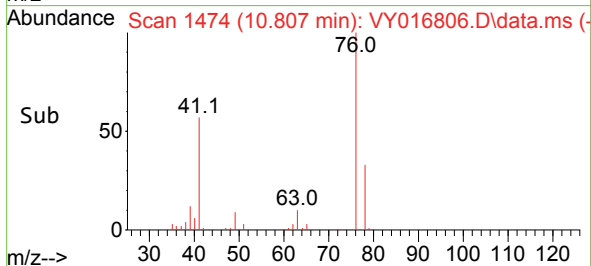
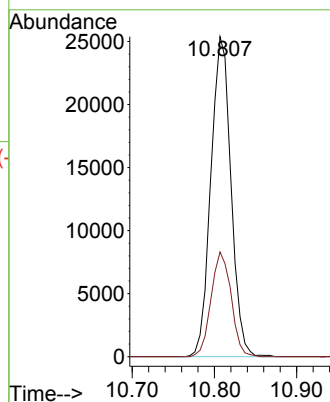
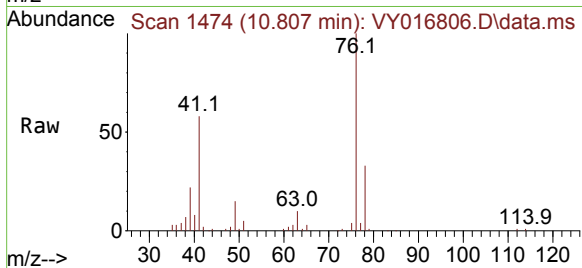
ClientSampleId :

Tgt Ion: 76 Resp: 43065

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 107.742 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.013 min

Lab File: VY016806.D

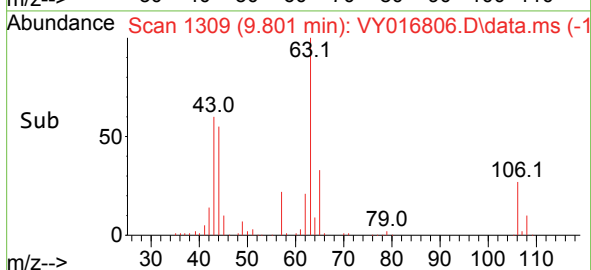
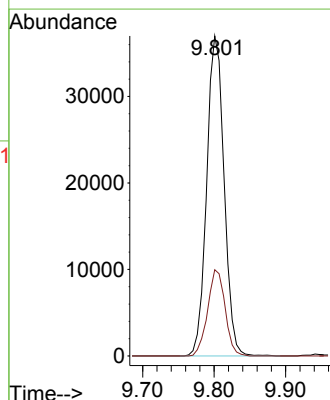
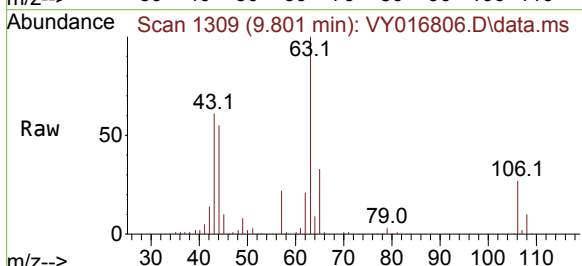
Acq: 22 Dec 2023 14:24

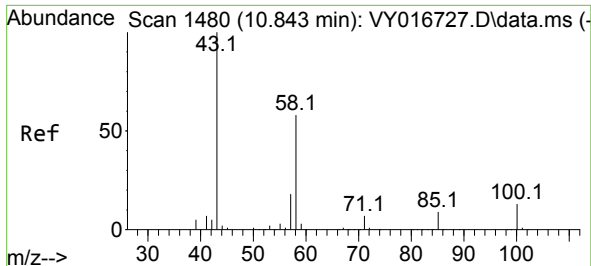
Tgt Ion: 63 Resp: 62491

Ion Ratio Lower Upper

63 100

106 27.1 22.4 33.6





#59

2-Hexanone

Concen: 108.964 ug/l

RT: 10.849 min Scan# 1480

Delta R.T. 0.006 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

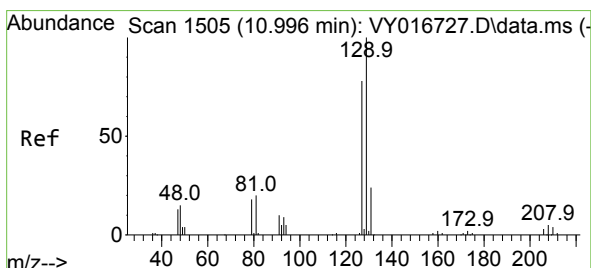
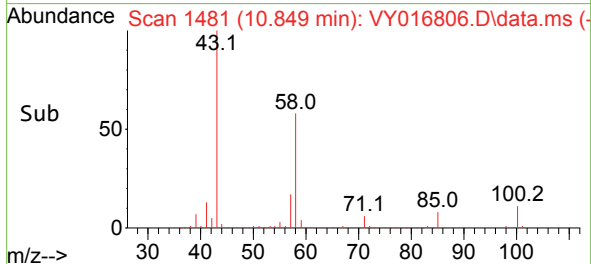
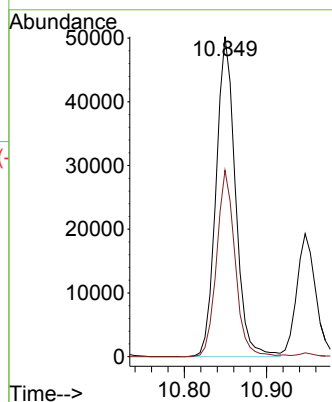
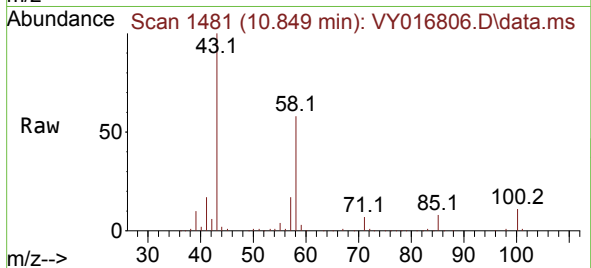
ClientSampleId :

Tgt Ion: 43 Resp: 82127

Ion Ratio Lower Upper

43 100

58 55.6 28.1 84.3



#60

Dibromochloromethane

Concen: 20.655 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.006 min

Lab File: VY016806.D

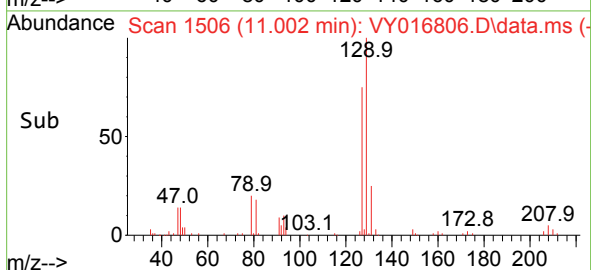
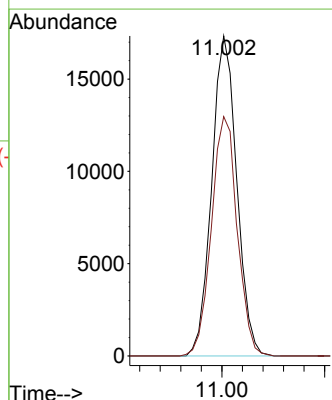
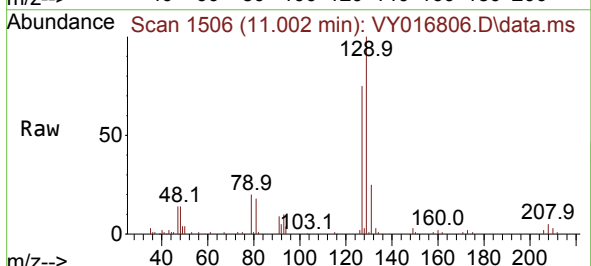
Acq: 22 Dec 2023 14:24

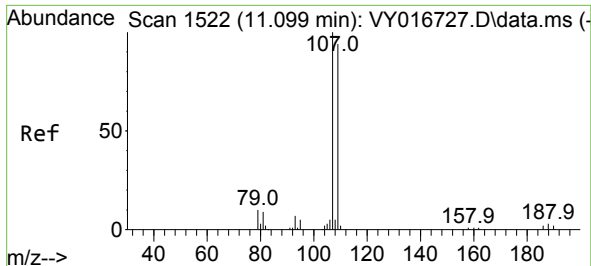
Tgt Ion:129 Resp: 29297

Ion Ratio Lower Upper

129 100

127 76.9 39.2 117.6

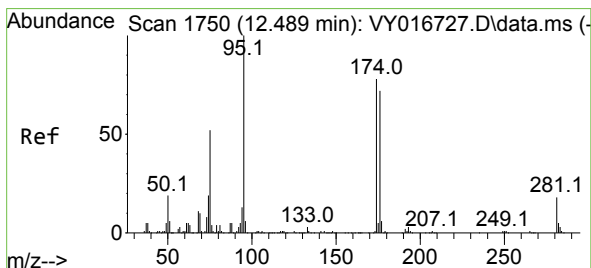
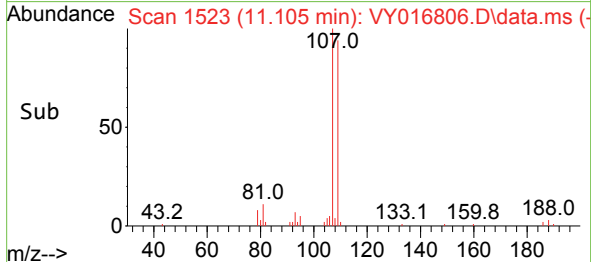
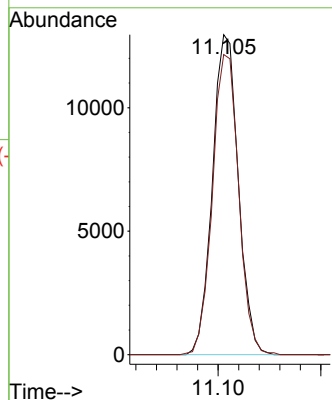
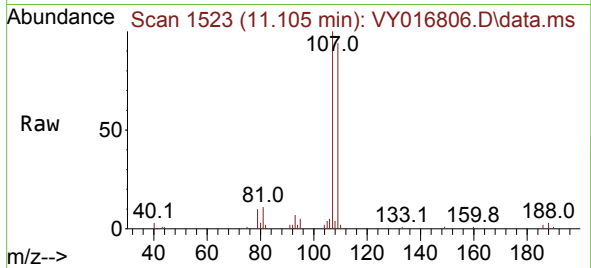




#61
1,2-Dibromoethane
Concen: 20.589 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

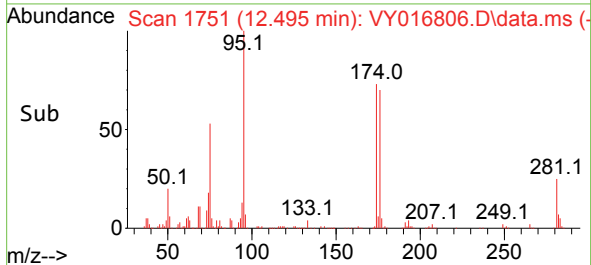
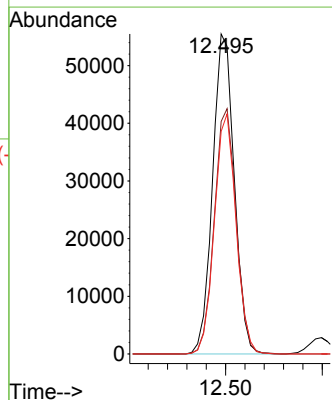
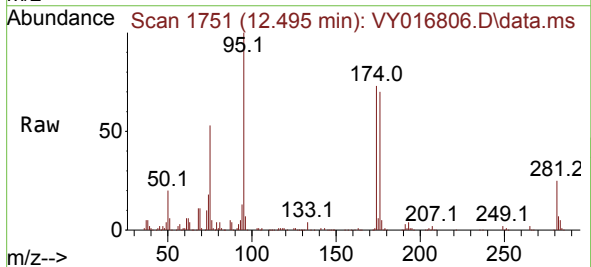
Instrument :
MSVOA_Y
ClientSampleId :

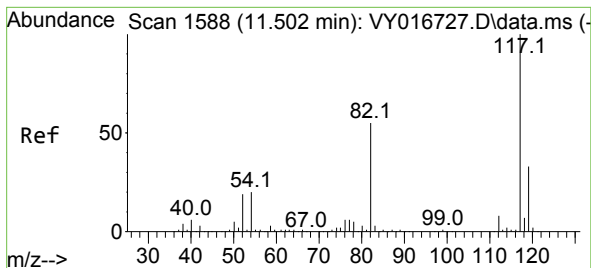
Tgt Ion:107 Resp: 22639
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.924 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion: 95 Resp: 86323
Ion Ratio Lower Upper
95 100
174 77.5 0.0 160.0
176 74.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

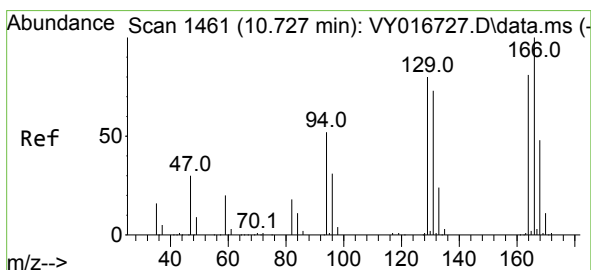
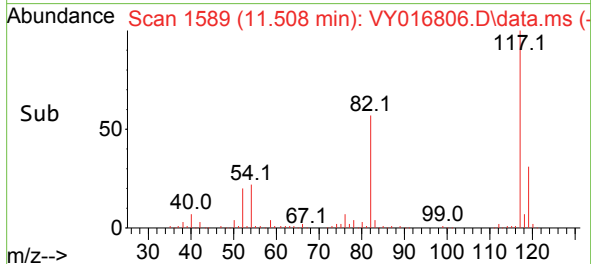
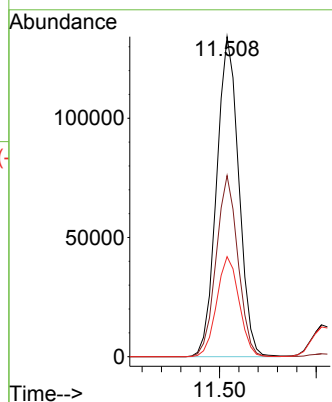
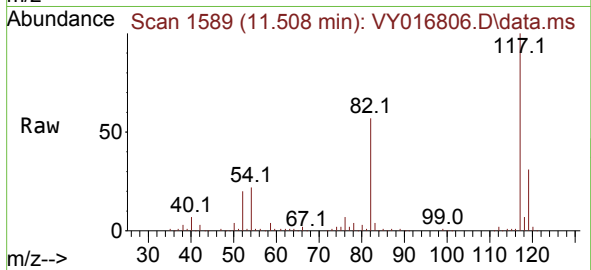
Tgt Ion:117 Resp: 213370

Ion Ratio Lower Upper

117 100

82 56.6 43.8 65.8

119 31.2 26.5 39.7



#64

Tetrachloroethene

Concen: 19.224 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Tgt Ion:164 Resp: 25481

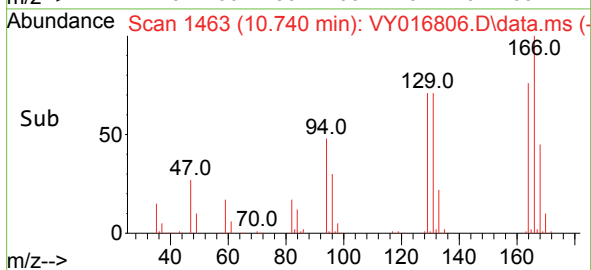
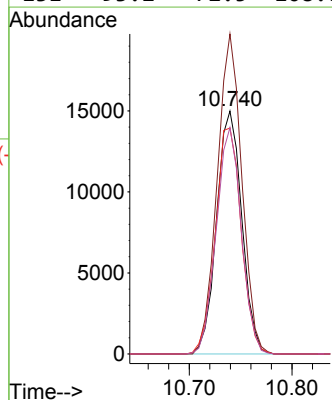
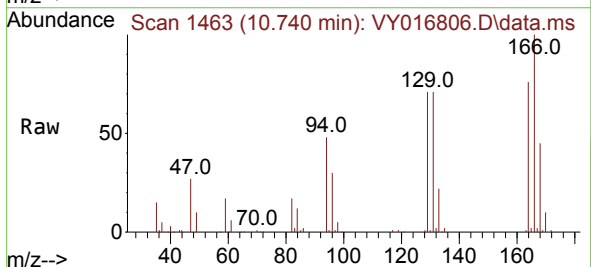
Ion Ratio Lower Upper

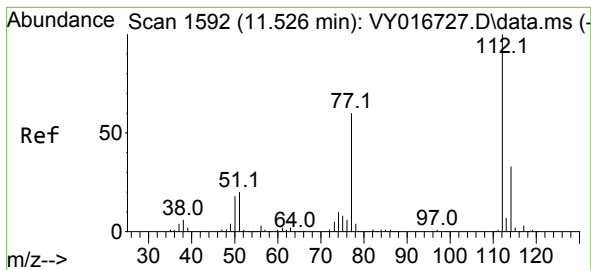
164 100

166 131.8 98.8 148.2

129 93.1 78.9 118.3

131 93.2 72.5 108.7

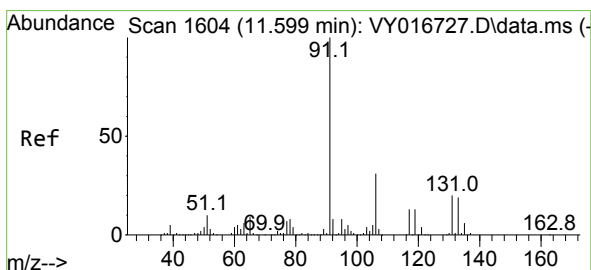
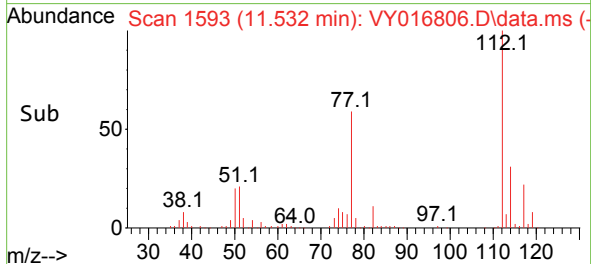
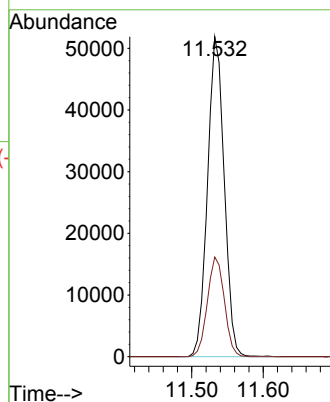
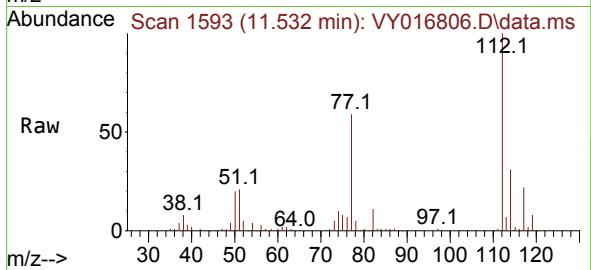




#65
Chlorobenzene
Concen: 20.075 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

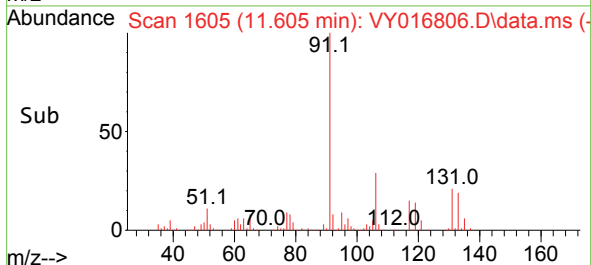
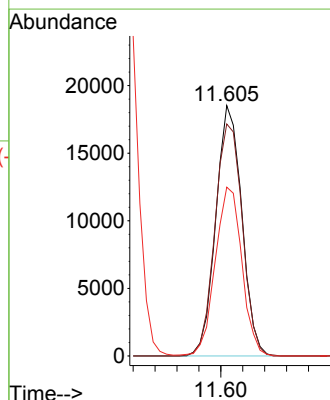
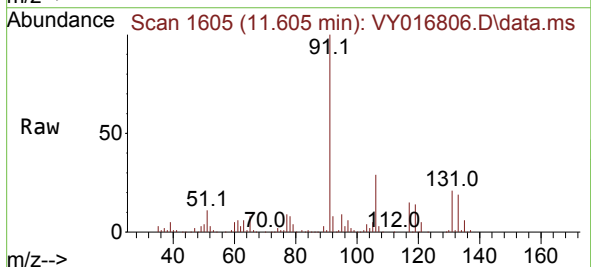
Instrument :
MSVOA_Y
ClientSampleId :

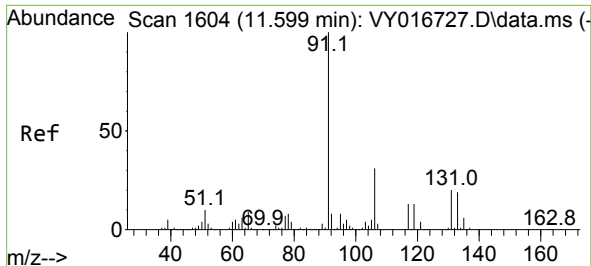
Tgt Ion:112 Resp: 84157
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.337 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion:131 Resp: 30500
Ion Ratio Lower Upper
131 100
133 97.7 47.0 141.0
119 69.2 33.3 99.9





#67

Ethyl Benzene

Concen: 19.335 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

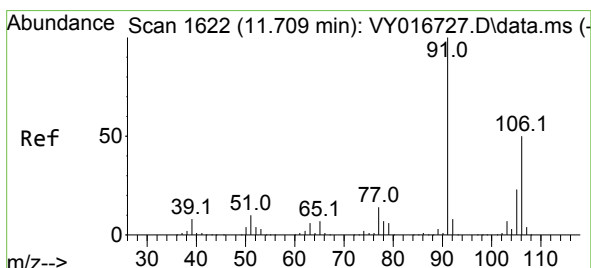
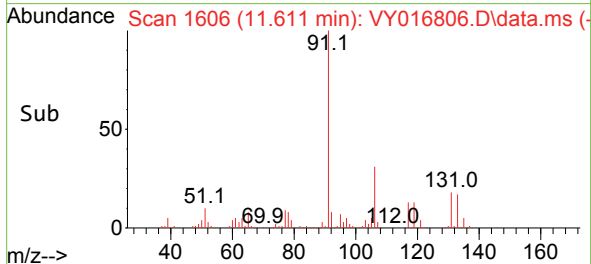
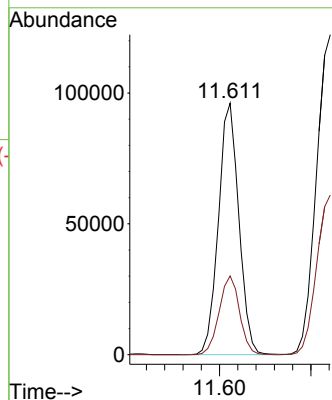
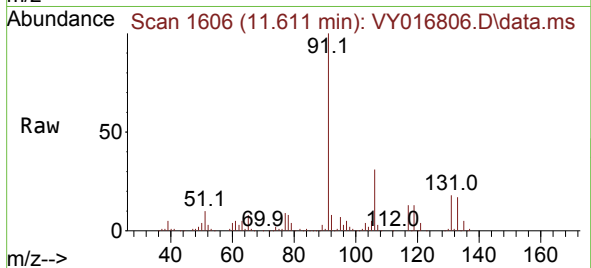
ClientSampleId :

Tgt Ion: 91 Resp: 149189

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.4



#68

m/p-Xylenes

Concen: 39.005 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016806.D

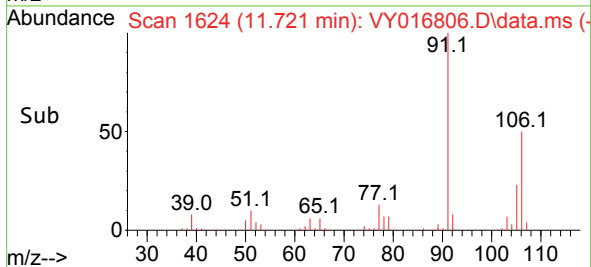
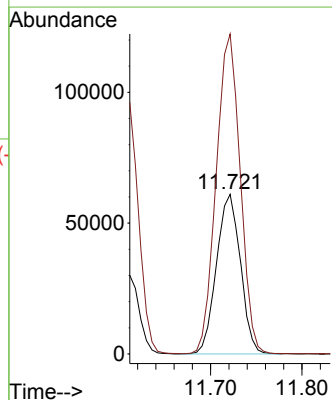
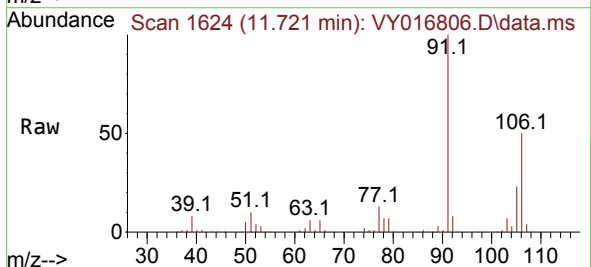
Acq: 22 Dec 2023 14:24

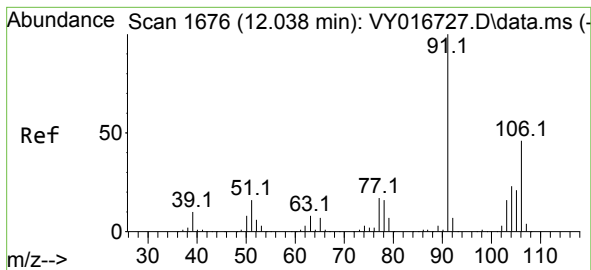
Tgt Ion:106 Resp: 111138

Ion Ratio Lower Upper

106 100

91 201.1 160.7 241.1





#69

o-Xylene

Concen: 19.772 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

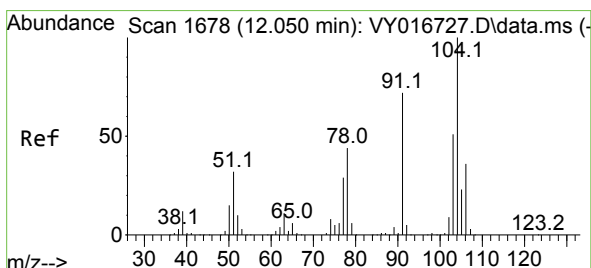
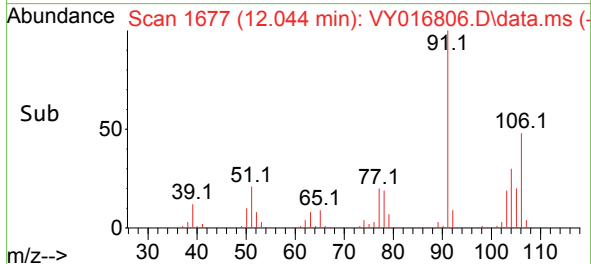
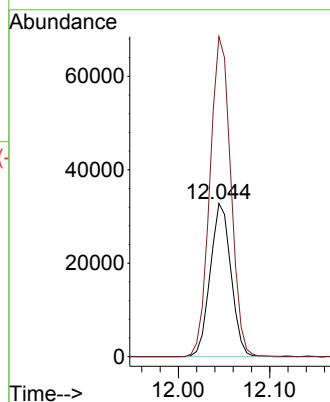
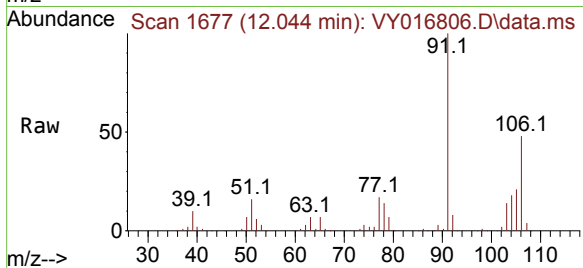
ClientSampleId :

Tgt Ion:106 Resp: 51683

Ion Ratio Lower Upper

106 100

91 210.8 106.5 319.5



#70

Styrene

Concen: 19.543 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.012 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

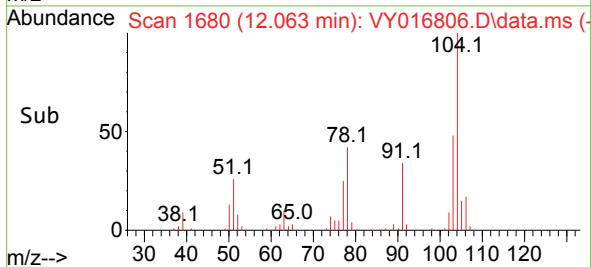
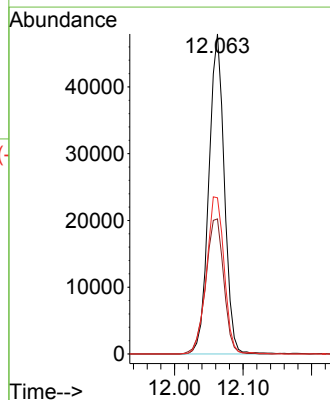
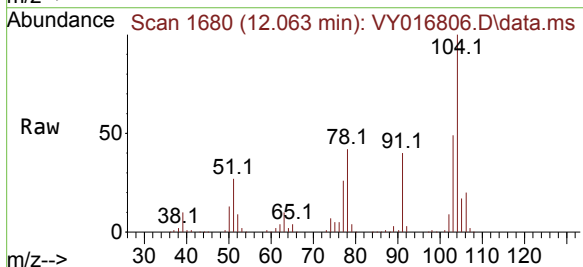
Tgt Ion:104 Resp: 75593

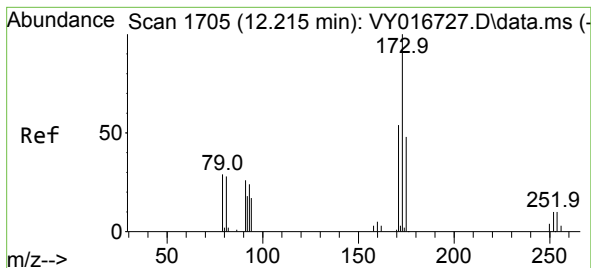
Ion Ratio Lower Upper

104 100

78 49.2 39.2 58.8

103 56.2 43.8 65.6





#71

Bromoform

Concen: 20.208 ug/l

RT: 12.227 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

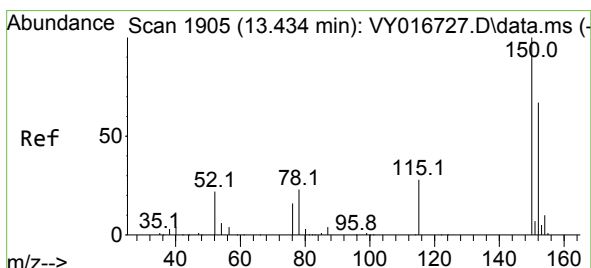
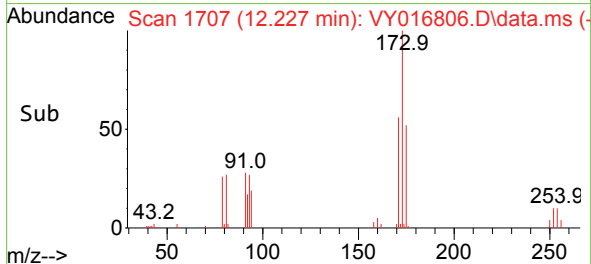
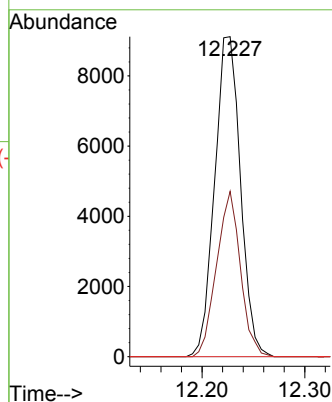
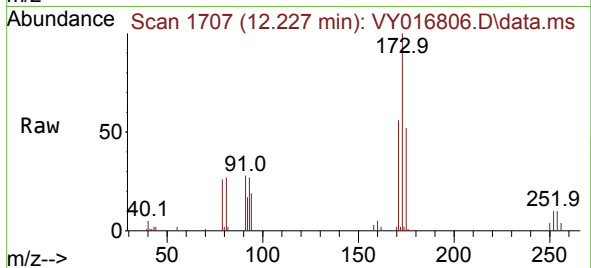
Tgt Ion:173 Resp: 15891

Ion Ratio Lower Upper

173 100

175 47.7 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

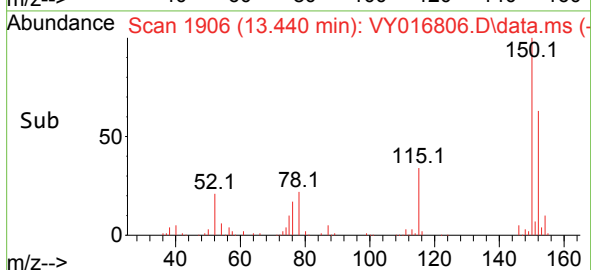
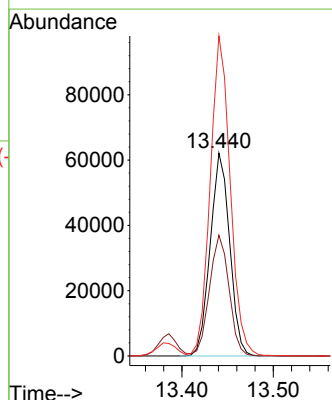
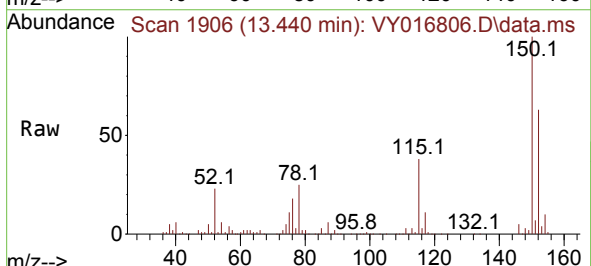
Tgt Ion:152 Resp: 91873

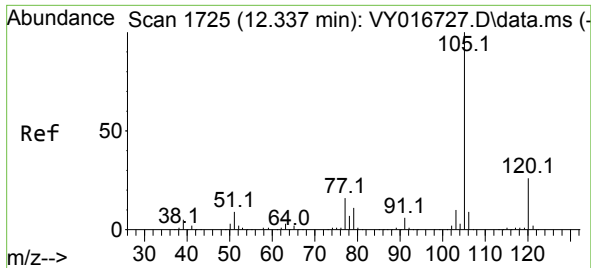
Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 162.1 0.0 344.6

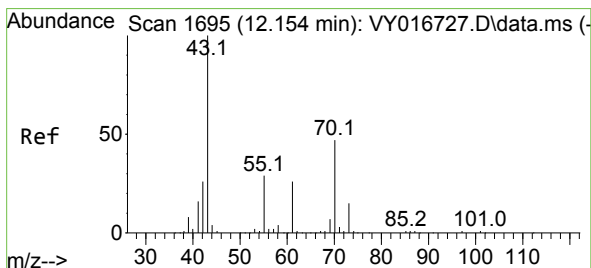
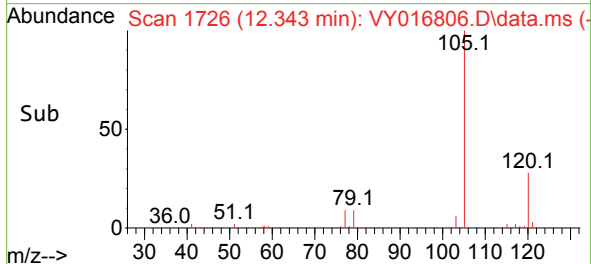
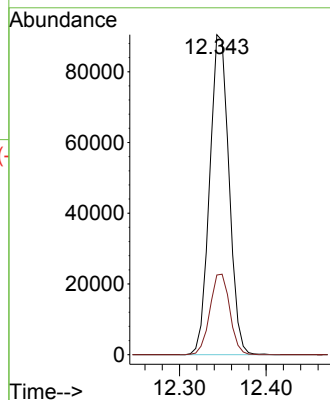
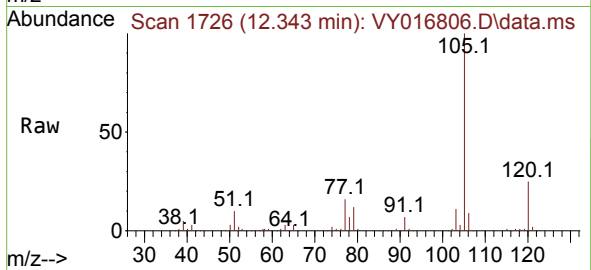




#73
Isopropylbenzene
Concen: 19.563 ug/l
RT: 12.343 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

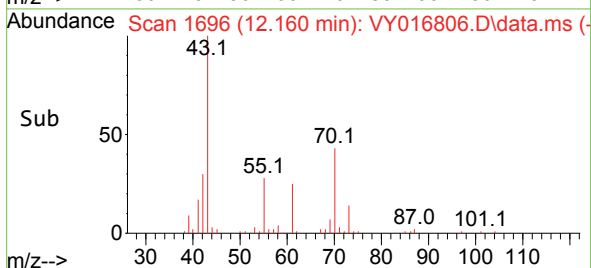
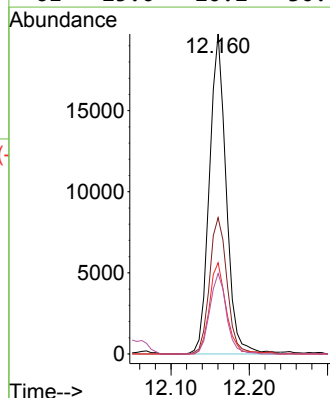
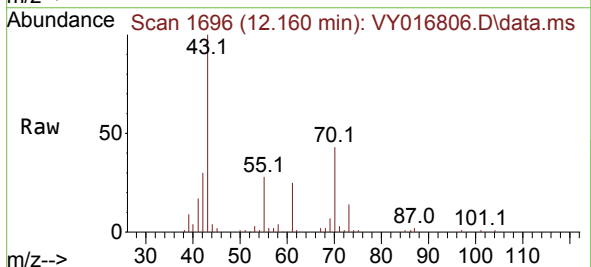
Instrument :
MSVOA_Y
ClientSampleId :

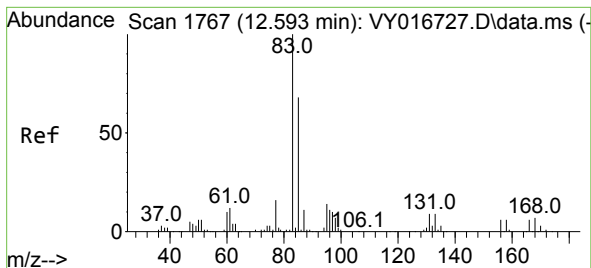
Tgt Ion:105 Resp: 139977
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0



#74
N-ethyl acetate
Concen: 19.558 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion: 43 Resp: 29369
Ion Ratio Lower Upper
43 100
70 44.8 36.6 55.0
55 28.5 22.2 33.4
61 25.0 20.2 30.4

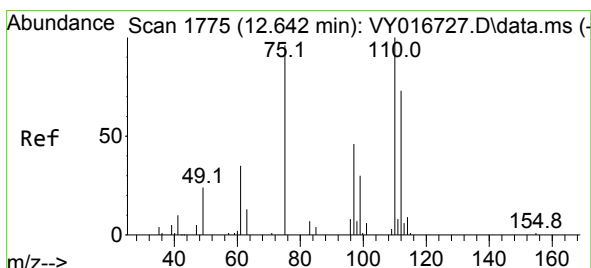
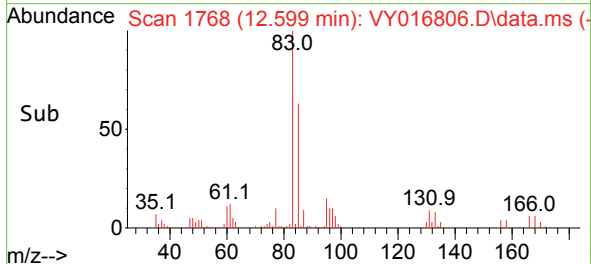
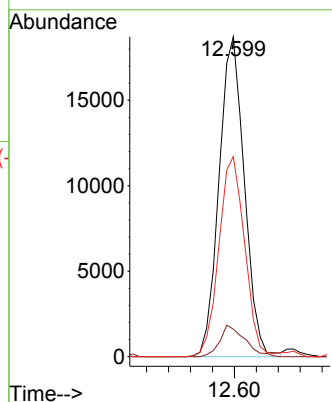
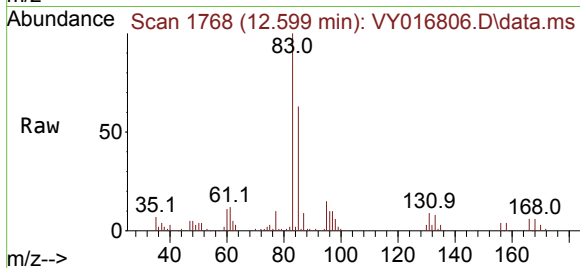




#75
1,1,2,2-Tetrachloroethane
Concen: 20.944 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

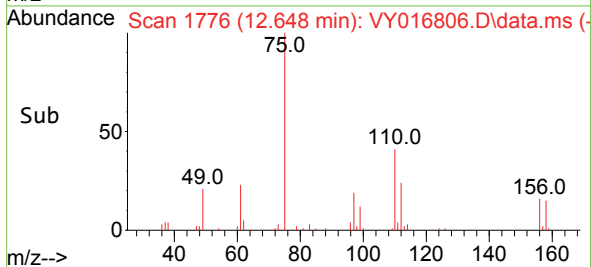
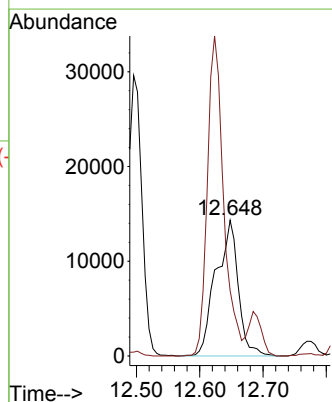
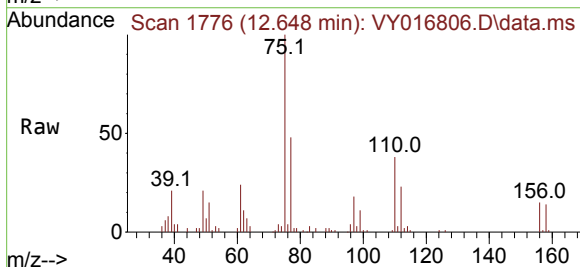
Instrument :
MSVOA_Y
ClientSampleId :

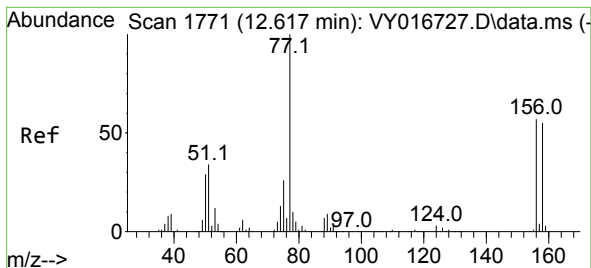
Tgt Ion:	83	Resp:	29947
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.6
85	63.8	32.6	98.0



#76
1,2,3-Trichloropropane
Concen: 34.475 ug/l
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion:	75	Resp:	35013
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.877 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

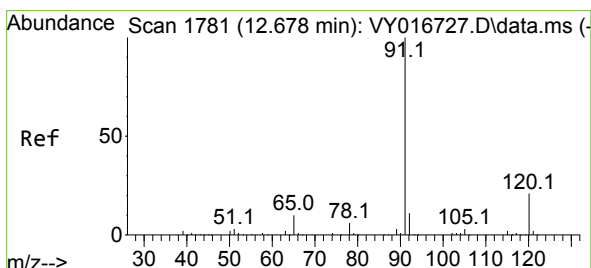
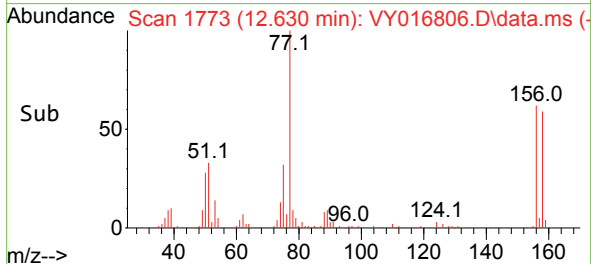
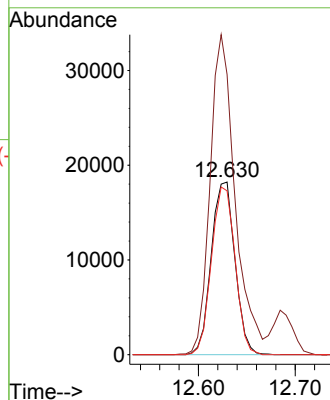
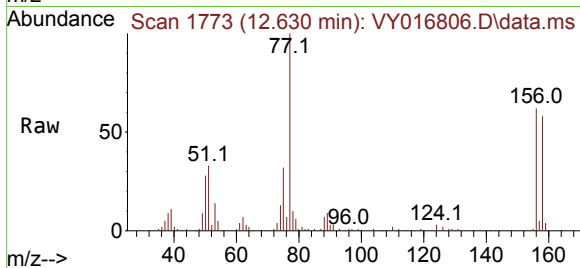
Tgt Ion:156 Resp: 31028

Ion Ratio Lower Upper

156 100

77 195.0 97.3 291.8

158 96.4 48.4 145.0



#78

n-propylbenzene

Concen: 19.810 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016806.D

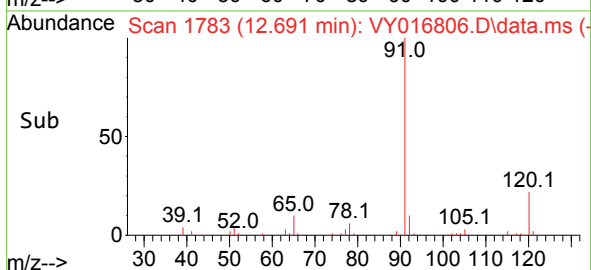
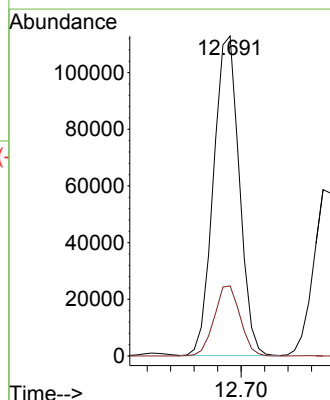
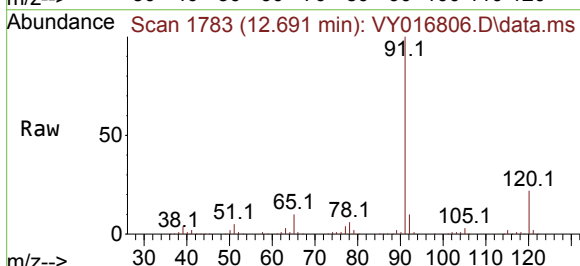
Acq: 22 Dec 2023 14:24

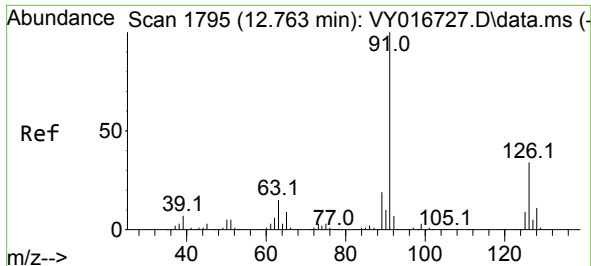
Tgt Ion: 91 Resp: 171737

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0

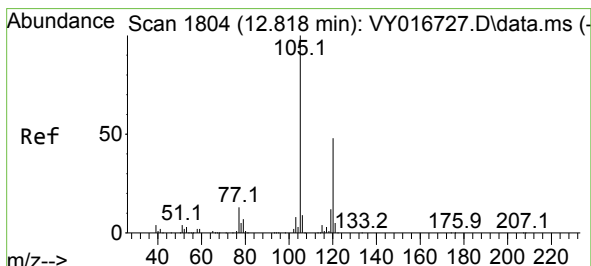
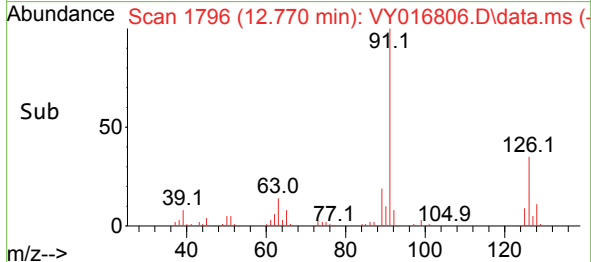
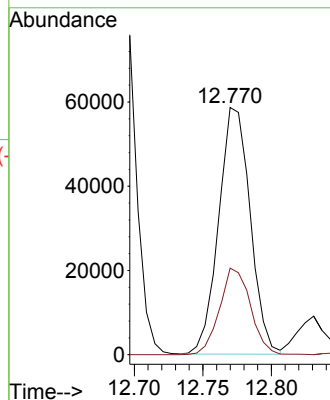
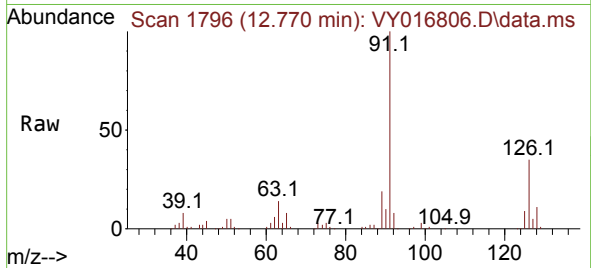




#79
2-Chlorotoluene
Concen: 19.603 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

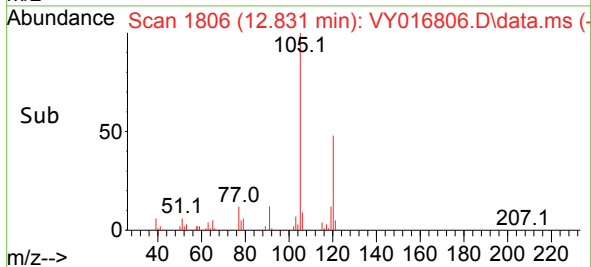
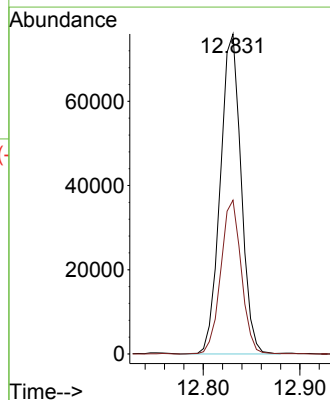
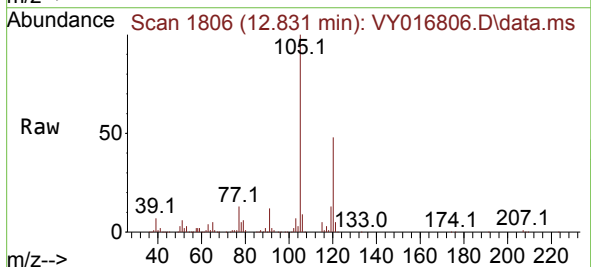
Instrument :
MSVOA_Y
ClientSampleId :

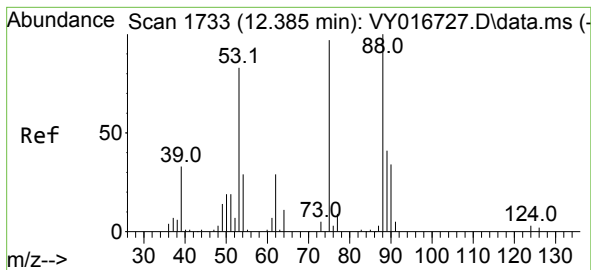
Tgt Ion: 91 Resp: 94037
Ion Ratio Lower Upper
91 100
126 34.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.030 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion:105 Resp: 113450
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.8

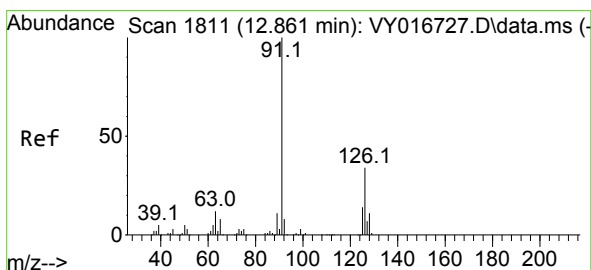
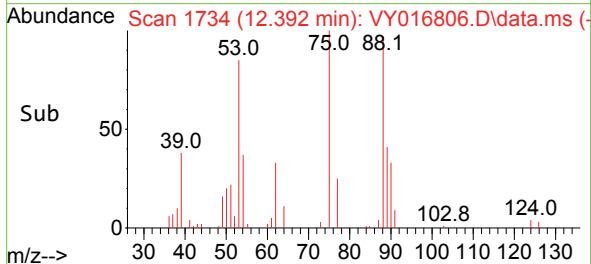
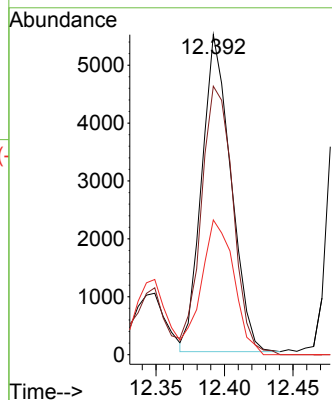
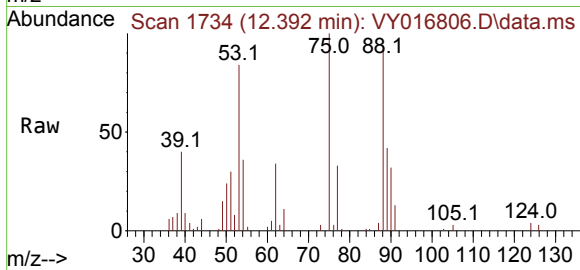




#81
trans-1,4-Dichloro-2-butene
Concen: 18.732 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

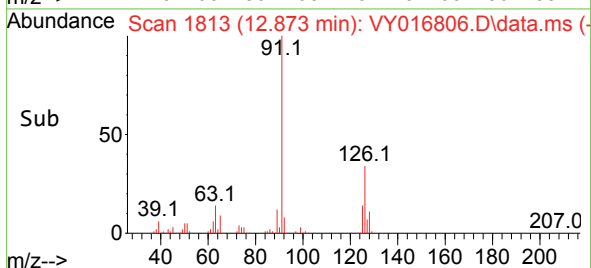
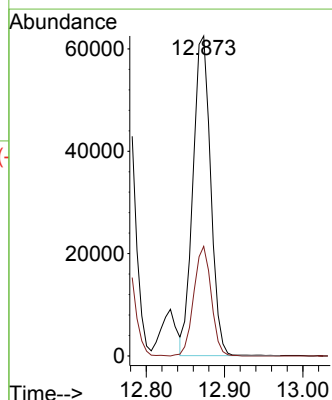
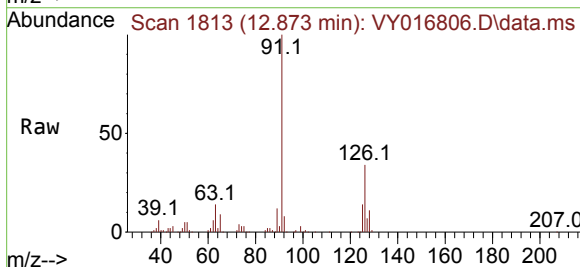
Instrument :
MSVOA_Y
ClientSampleId :

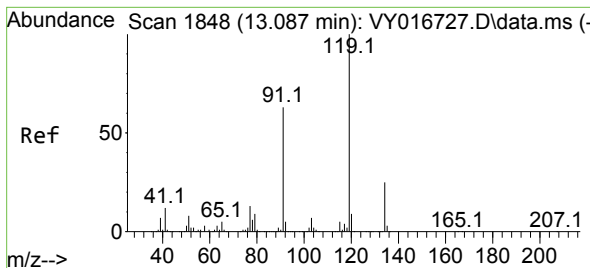
Tgt Ion: 75 Resp: 8101
Ion Ratio Lower Upper
75 100
53 92.1 74.0 111.0
89 47.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 19.943 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

Tgt Ion: 91 Resp: 98146
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 19.772 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

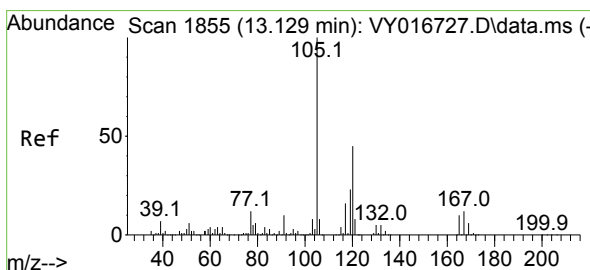
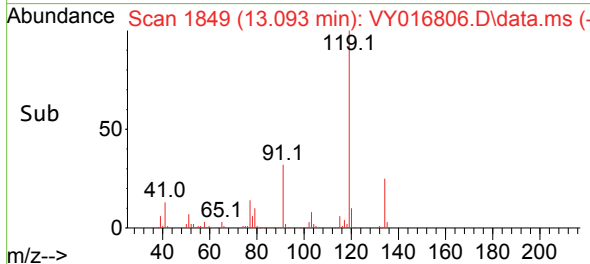
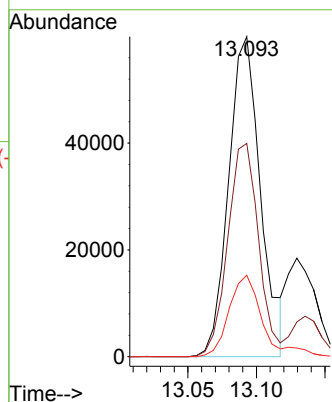
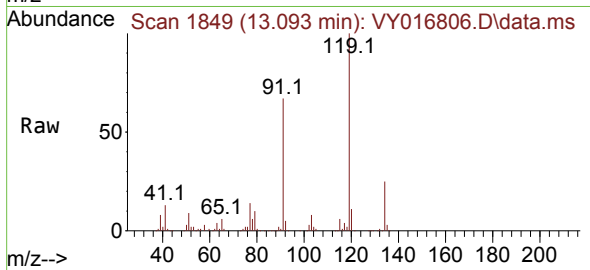
Tgt Ion:119 Resp: 97412

Ion Ratio Lower Upper

119 100

91 64.4 31.5 94.5

134 26.6 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 19.777 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016806.D

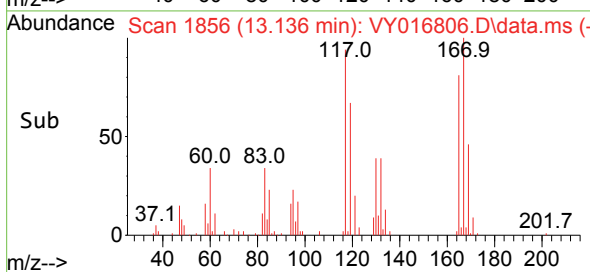
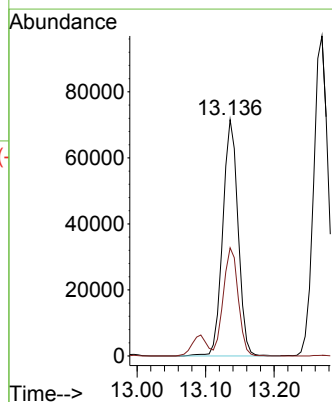
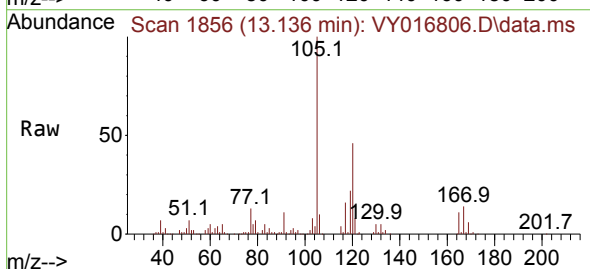
Acq: 22 Dec 2023 14:24

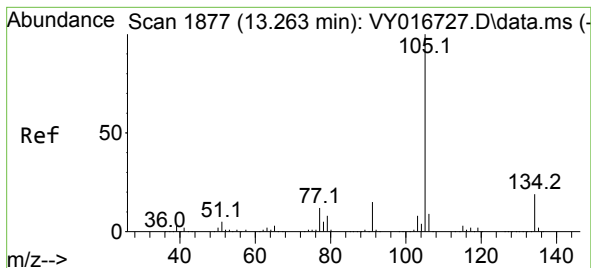
Tgt Ion:105 Resp: 110454

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.818 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

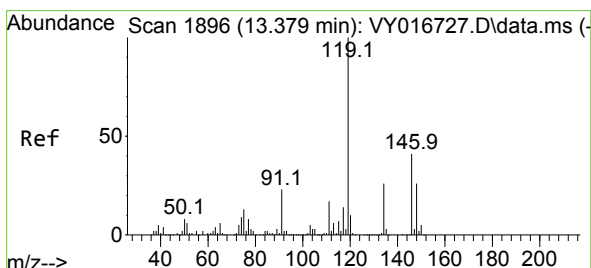
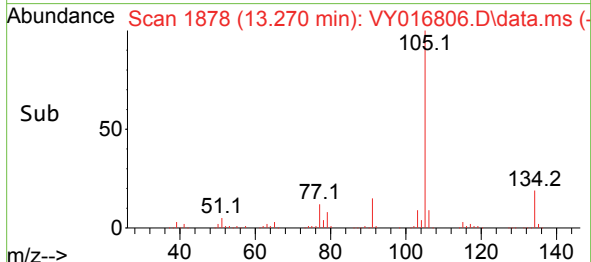
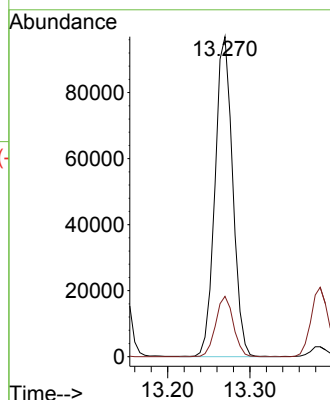
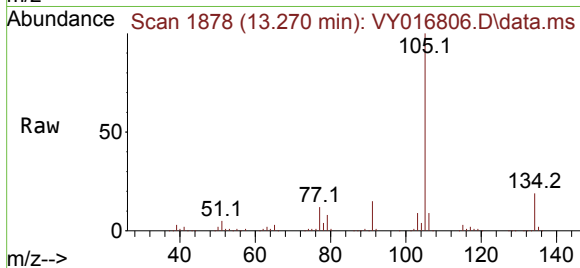
ClientSampleId :

Tgt Ion:105 Resp: 144613

Ion Ratio Lower Upper

105 100

134 18.9 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.373 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

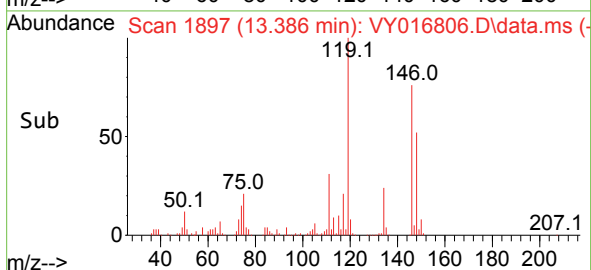
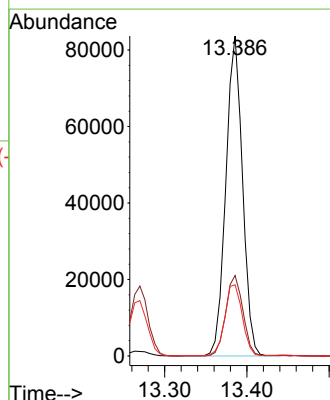
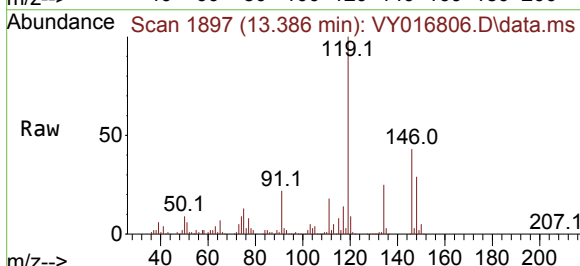
Tgt Ion:119 Resp: 117732

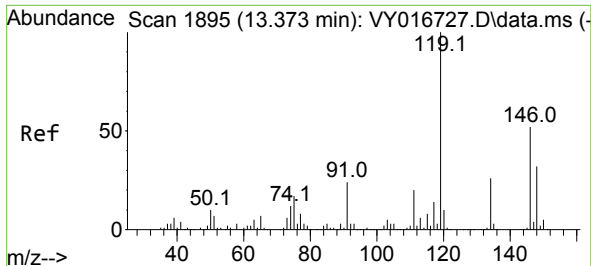
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.6 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.532 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

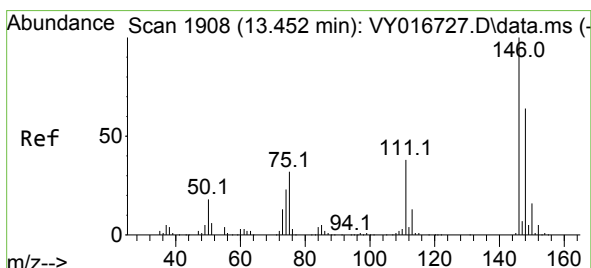
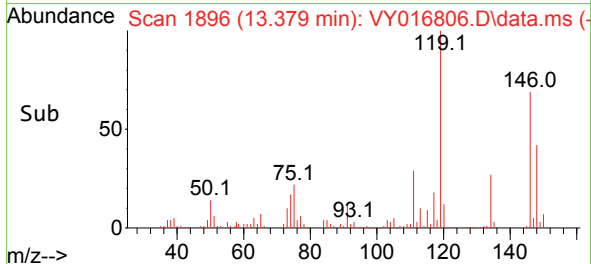
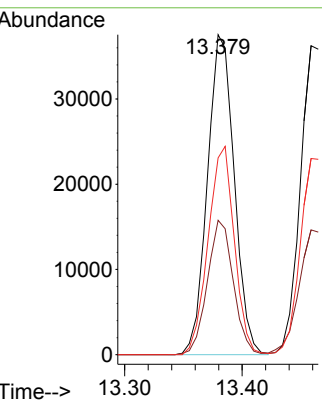
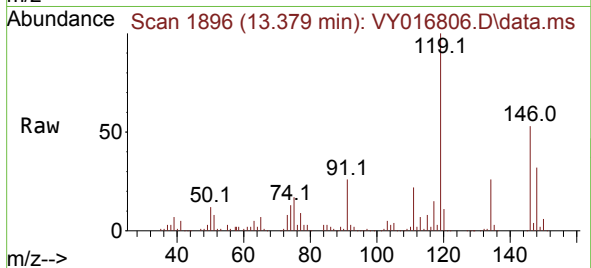
Tgt Ion:146 Resp: 59582

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.5

148 63.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.460 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

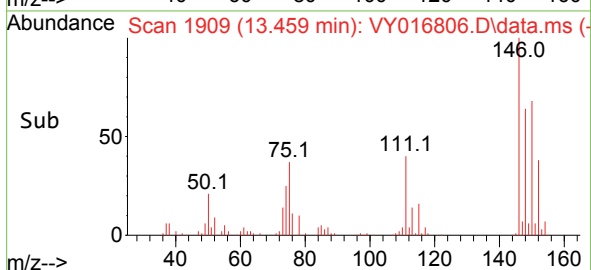
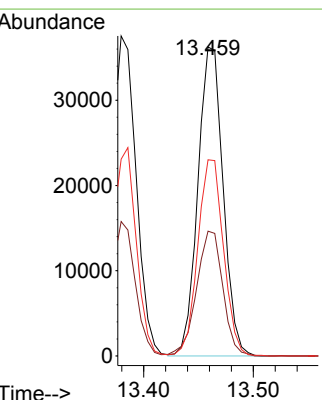
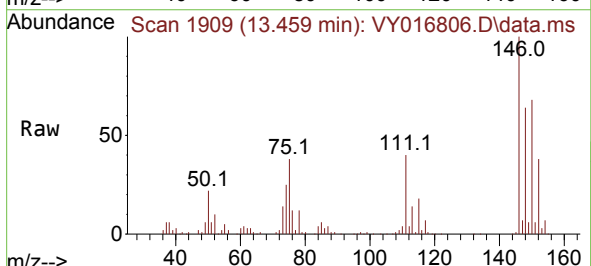
Tgt Ion:146 Resp: 57967

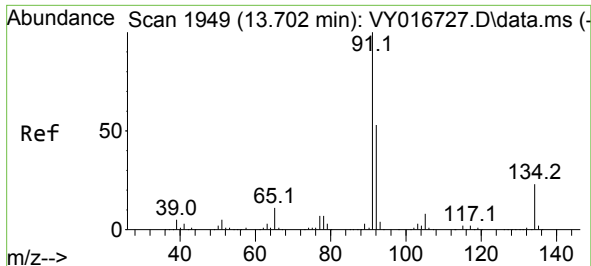
Ion Ratio Lower Upper

146 100

111 42.2 19.3 57.9

148 64.9 31.6 94.7





#89

n-Butylbenzene

Concen: 19.573 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.012 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

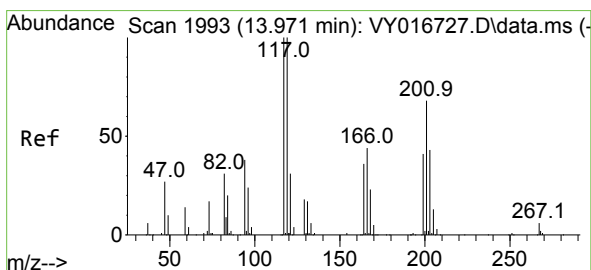
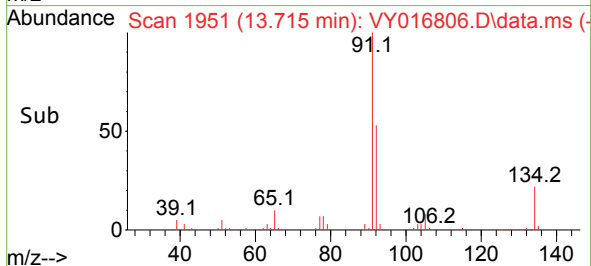
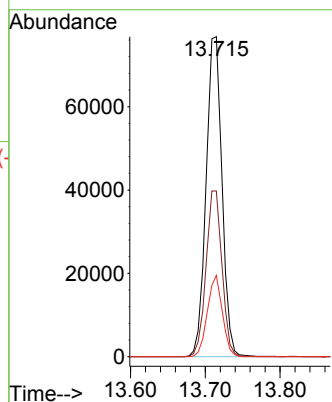
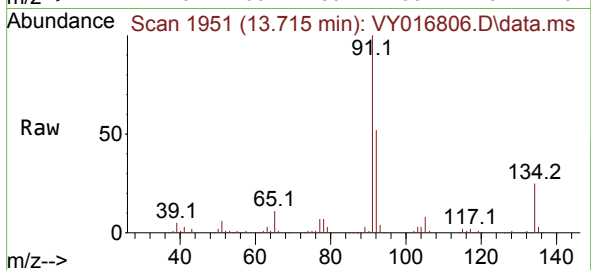
Tgt Ion: 91 Resp: 113703

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.2

134 23.9 12.3 36.8



#90

Hexachloroethane

Concen: 19.714 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016806.D

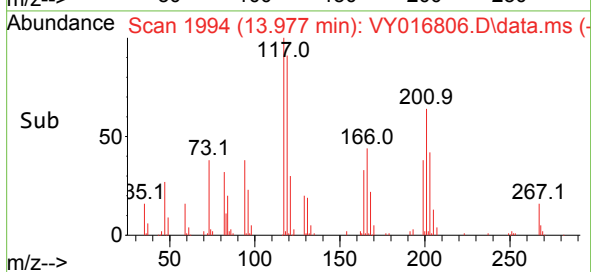
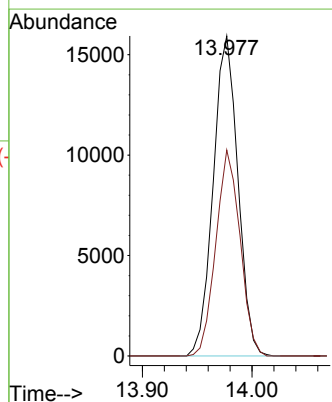
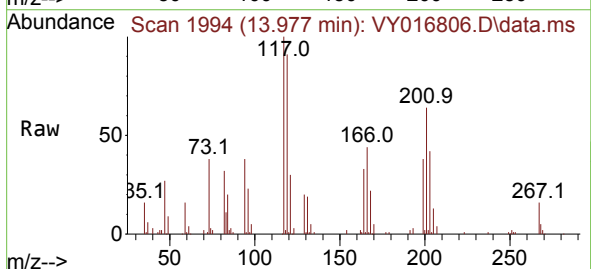
Acq: 22 Dec 2023 14:24

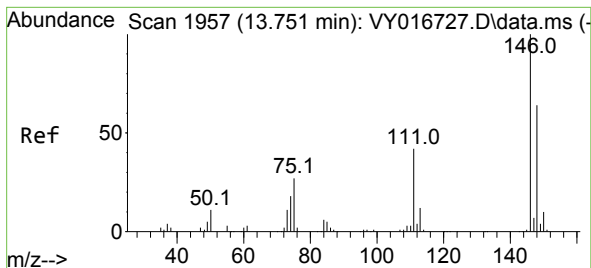
Tgt Ion: 117 Resp: 24947

Ion Ratio Lower Upper

117 100

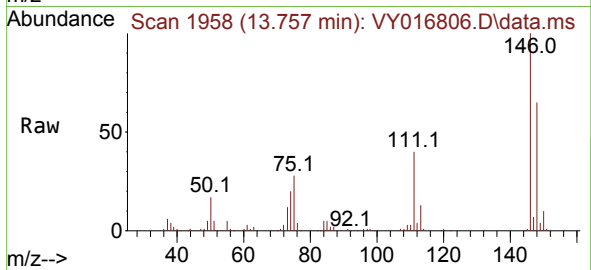
201 63.1 33.4 100.1



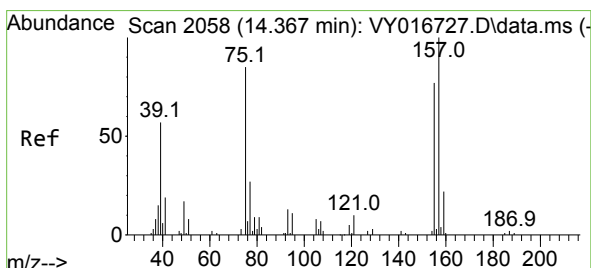
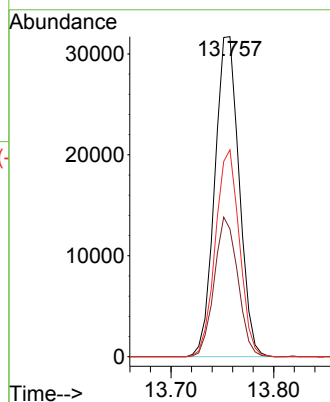
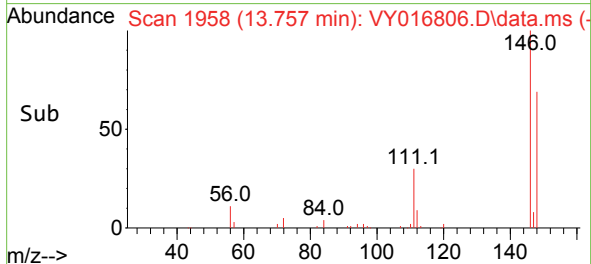


#91
1,2-Dichlorobenzene
Concen: 20.079 ug/l
RT: 13.757 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24

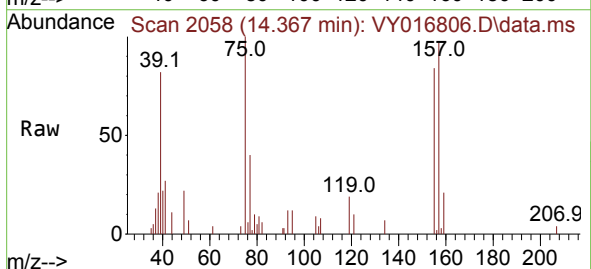
Instrument :
MSVOA_Y
ClientSampleId :



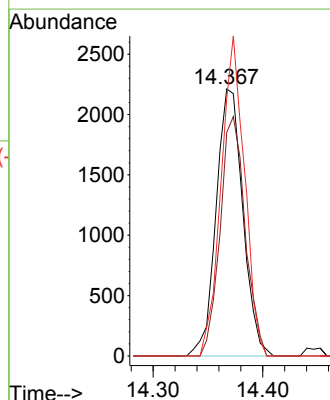
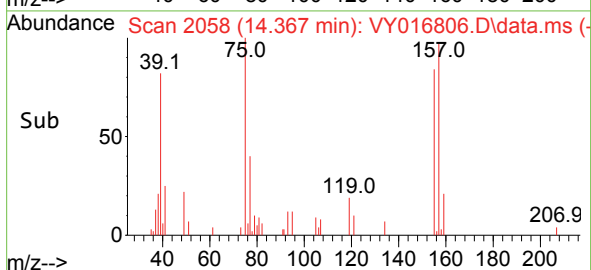
Tgt Ion:146 Resp: 52181
Ion Ratio Lower Upper
146 100
111 42.2 20.5 61.6
148 63.7 31.4 94.3

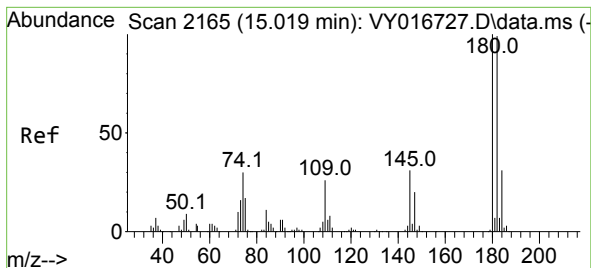


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.162 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY016806.D
Acq: 22 Dec 2023 14:24



Tgt Ion: 75 Resp: 3737
Ion Ratio Lower Upper
75 100
155 83.9 42.1 126.3
157 105.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 18.968 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016806.D

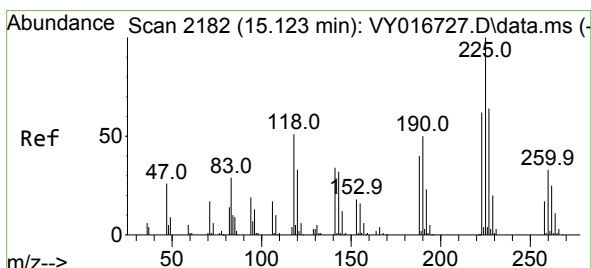
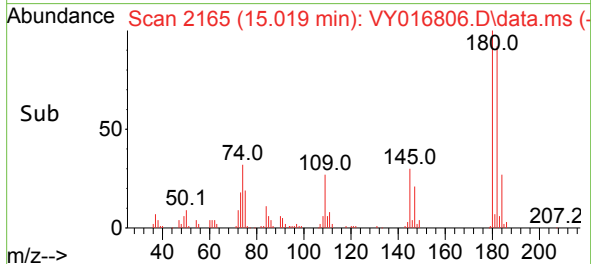
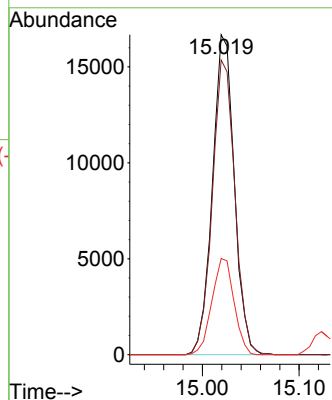
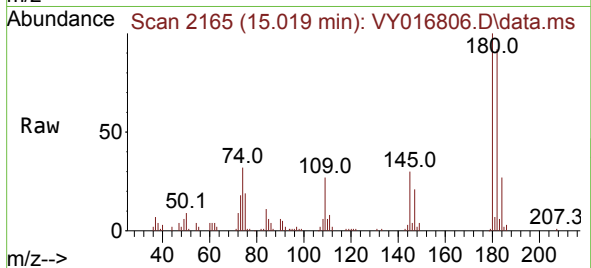
Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	26156
Ion Ratio	Lower	Upper
180	100	
182	95.1	47.9 143.7
145	30.5	15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.290 ug/l

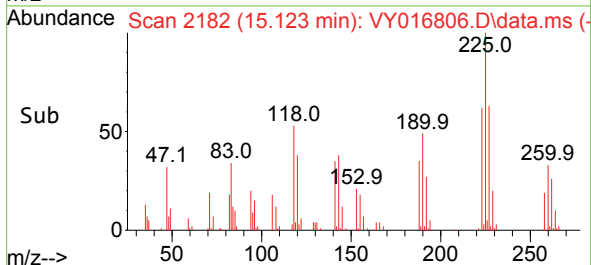
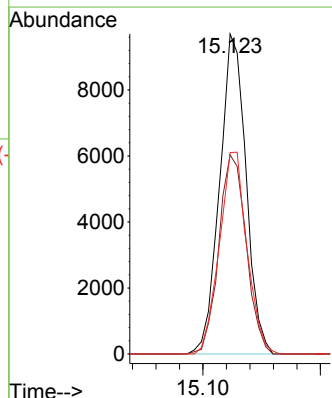
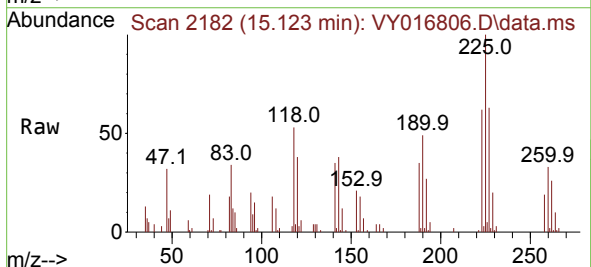
RT: 15.123 min Scan# 2182

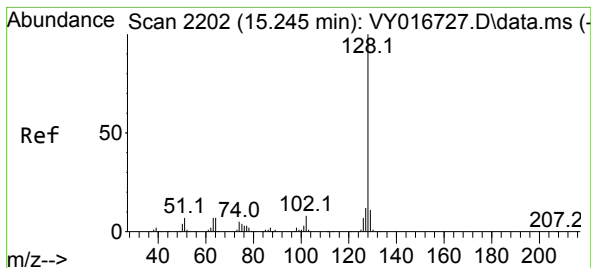
Delta R.T. 0.000 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Tgt Ion:225	Resp:	15108
Ion Ratio	Lower	Upper
225	100	
223	64.5	31.4 94.3
227	65.9	32.3 96.8





#95

Naphthalene

Concen: 18.601 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

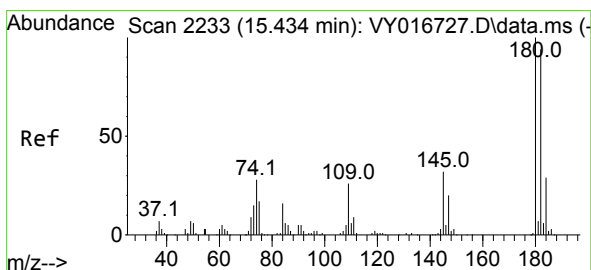
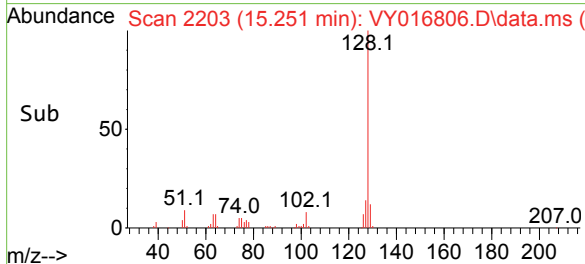
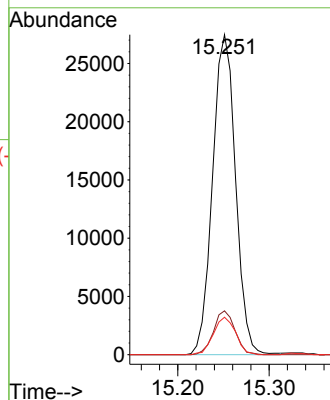
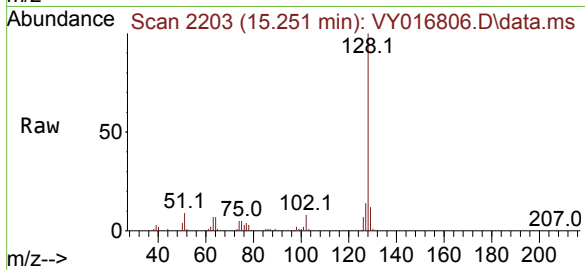
Tgt Ion:128 Resp: 47997

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.154 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016806.D

Acq: 22 Dec 2023 14:24

Tgt Ion:180 Resp: 22495

Ion Ratio Lower Upper

180 100

182 92.8 46.3 138.8

145 33.0 16.1 48.2

