

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016014.D
 Acq On : 18 Oct 2023 11:32
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 02:53:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 02:50:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	218043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	348198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	311648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156286	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	13210	5.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.660%#
35) Dibromofluoromethane	7.722	113	12620	5.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.020%#
50) Toluene-d8	10.179	98	45054	5.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.820%#
62) 4-Bromofluorobenzene	12.483	95	16086	5.416	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.840%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	9481	5.261	ug/l	99
3) Chloromethane	2.113	50	11704	5.144	ug/l	97
4) Vinyl Chloride	2.253	62	13310	5.212	ug/l	92
5) Bromomethane	2.650	94	10042	5.391	ug/l	93
6) Chloroethane	2.796	64	8697	5.296	ug/l	96
7) Trichlorofluoromethane	3.131	101	20392	5.247	ug/l	95
8) Diethyl Ether	3.534	74	6757	4.921	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.906	101	11641	5.207	ug/l	97
10) Methyl Iodide	4.088	142	14184	4.859	ug/l	98
11) Tert butyl alcohol	4.960	59	9446	24.692	ug/l	98
12) 1,1-Dichloroethene	3.875	96	10801	5.164	ug/l	98
13) Acrolein	3.729	56	11758	24.569	ug/l	100
14) Allyl chloride	4.485	41	15964	4.881	ug/l	96
15) Acrylonitrile	5.161	53	18070	22.060	ug/l	96
16) Acetone	3.948	43	20610	22.435	ug/l #	87
17) Carbon Disulfide	4.198	76	31201	5.091	ug/l	98
18) Methyl Acetate	4.485	43	13835	4.376	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	30992	4.593	ug/l	95
20) Methylene Chloride	4.716	84	16751	6.138	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	12342	5.067	ug/l	95
22) Diisopropyl ether	6.125	45	33401	4.690	ug/l #	93
23) Vinyl Acetate	6.064	43	98265	22.242	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	21712	5.139	ug/l	99
25) 2-Butanone	6.990	43	27639	21.965	ug/l	96
26) 2,2-Dichloropropane	6.984	77	19349	5.090	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	14242	5.077	ug/l	91
28) Bromochloromethane	7.338	49	7923	4.385	ug/l	87
29) Tetrahydrofuran	7.350	42	15683	20.591	ug/l	93
30) Chloroform	7.502	83	22952	5.066	ug/l	93
31) Cyclohexane	7.789	56	22069	5.690	ug/l #	68
32) 1,1,1-Trichloroethane	7.704	97	20598	5.082	ug/l	98
36) 1,1-Dichloropropene	7.917	75	18114	5.253	ug/l	99
37) Ethyl Acetate	7.076	43	10576	4.255	ug/l #	94
38) Carbon Tetrachloride	7.905	117	18914	5.161	ug/l	99
39) Methylcyclohexane	9.185	83	21556	5.002	ug/l	92
40) Benzene	8.161	78	49909	5.136	ug/l	96

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 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 02:53:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 02:50:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	14874	11.885	ug/l #	39
42) 1,2-Dichloroethane	8.240	62	15726	5.024	ug/l	98
43) Isopropyl Acetate	8.271	43	19391	4.462	ug/l	95
44) Trichloroethene	8.941	130	14146	5.191	ug/l	92
45) 1,2-Dichloropropane	9.216	63	12040	4.950	ug/l	99
46) Dibromomethane	9.301	93	7761	4.807	ug/l	97
47) Bromodichloromethane	9.496	83	17383	4.912	ug/l	96
48) Methyl methacrylate	9.295	41	8791	4.444	ug/l	89
49) 1,4-Dioxane	9.295	88	2326	90.469	ug/l #	55
51) 4-Methyl-2-Pentanone	10.069	43	54239	21.705	ug/l	93
52) Toluene	10.246	92	31217	4.952	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	17904	4.670	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	20558	4.920	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	10674	4.812	ug/l	94
56) Ethyl methacrylate	10.508	69	13881	4.282	ug/l #	91
57) 1,3-Dichloropropane	10.788	76	18037	4.793	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	32162	20.655	ug/l	92
59) 2-Hexanone	10.831	43	39889	20.980	ug/l	91
60) Dibromochloromethane	10.984	129	12850	4.790	ug/l	99
61) 1,2-Dibromoethane	11.087	107	10758	4.765	ug/l	97
64) Tetrachloroethene	10.715	164	12422	5.140	ug/l	94
65) Chlorobenzene	11.514	112	34581	5.124	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	13101	5.150	ug/l	98
67) Ethyl Benzene	11.593	91	60017	5.025	ug/l	96
68) m/p-Xylenes	11.703	106	46286	9.939	ug/l	98
69) o-Xylene	12.032	106	21824	4.926	ug/l	96
70) Styrene	12.044	104	36462	4.829	ug/l	95
71) Bromoform	12.209	173	8284	4.628	ug/l #	98
73) Isopropylbenzene	12.331	105	59618	5.100	ug/l	99
74) N-amyl acetate	12.142	43	15639	4.235	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	14165	4.838	ug/l	95
76) 1,2,3-Trichloropropane	12.630	75	17646	8.004	ug/l #	100
77) Bromobenzene	12.611	156	14585	5.140	ug/l	95
78) n-propylbenzene	12.672	91	71648	5.088	ug/l	99
79) 2-Chlorotoluene	12.758	91	40434	5.116	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	48544	5.013	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	4423	4.363	ug/l	94
82) 4-Chlorotoluene	12.855	91	41076	4.980	ug/l	96
83) tert-Butylbenzene	13.075	119	43141	5.081	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	47912	4.983	ug/l	98
85) sec-Butylbenzene	13.251	105	64371	5.076	ug/l	100
86) p-Isopropyltoluene	13.367	119	53165	5.017	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	28224	5.112	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	28622	5.149	ug/l	95
89) n-Butylbenzene	13.696	91	49718	5.039	ug/l	96
90) Hexachloroethane	13.959	117	10239	5.068	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	26086	5.146	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2739	4.914	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	16208	5.019	ug/l	98
94) Hexachlorobutadiene	15.111	225	9351	5.331	ug/l	95
95) Naphthalene	15.233	128	37603	4.744	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	14615	4.955	ug/l	99

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Sample : VSTDIC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

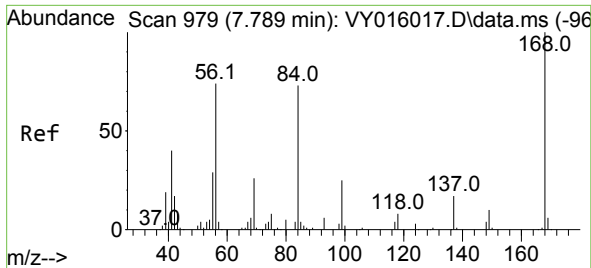
Quant Time: Oct 19 02:53:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 02:50:45 2023
Response via : Initial Calibration

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

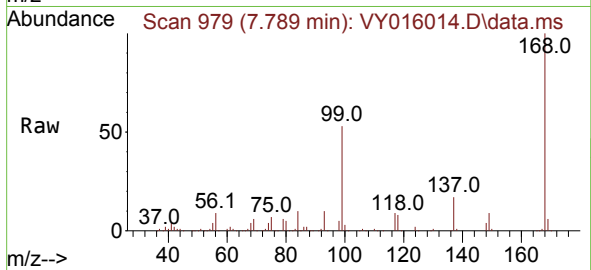
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 02:50:45 2023
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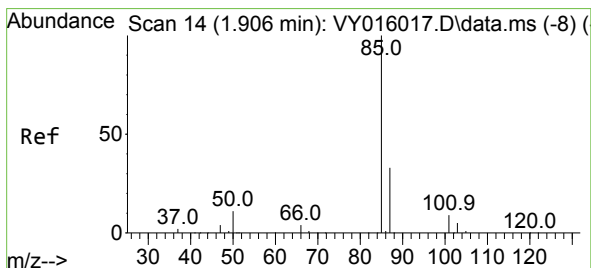
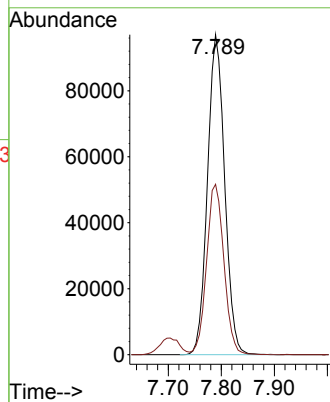
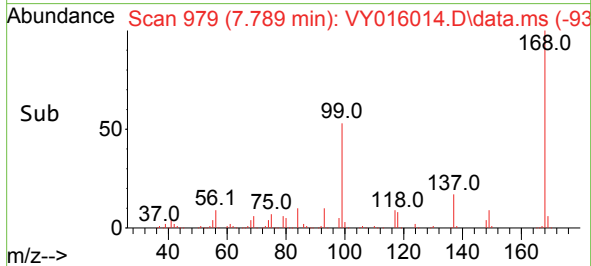


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Instrument :
MSVOA_Y
ClientSampleId :

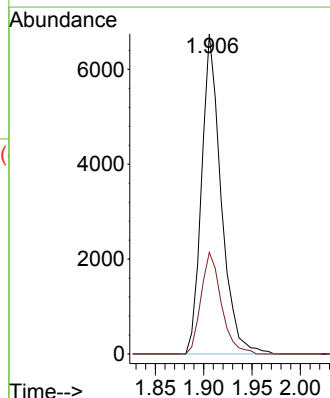
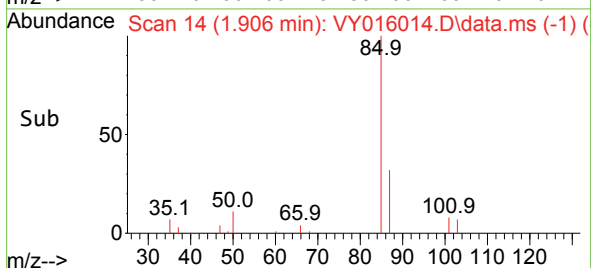
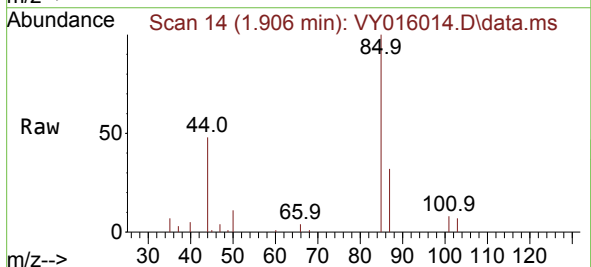


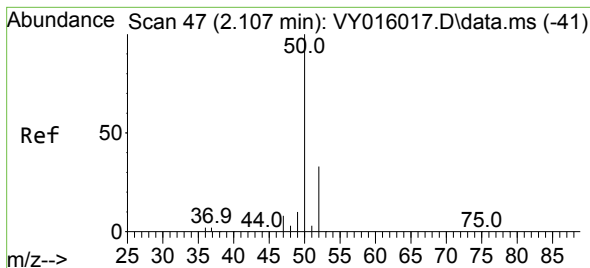
Tgt Ion:168 Resp: 218043
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 5.261 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 85 Resp: 9481
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.8





#3

Chloromethane

Concen: 5.144 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

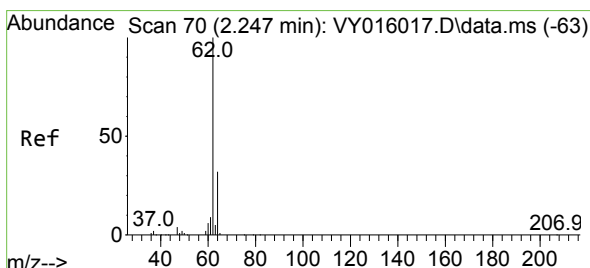
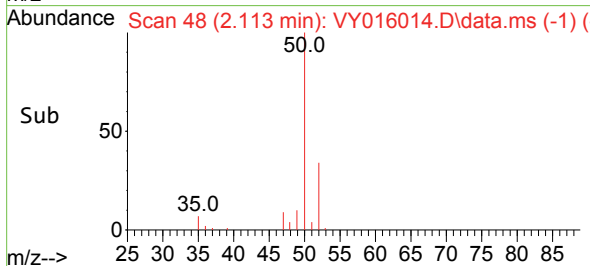
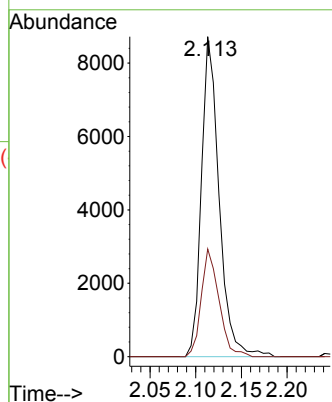
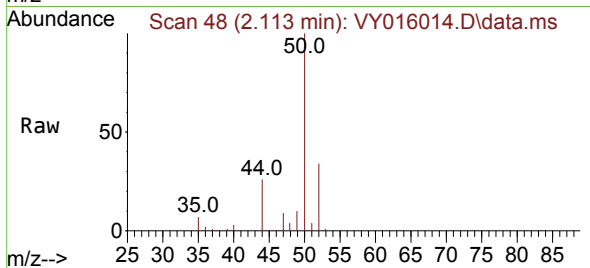
ClientSampleId :

Tgt Ion: 50 Resp: 11704

Ion Ratio Lower Upper

50 100

52 33.6 25.4 38.2



#4

Vinyl Chloride

Concen: 5.212 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY016014.D

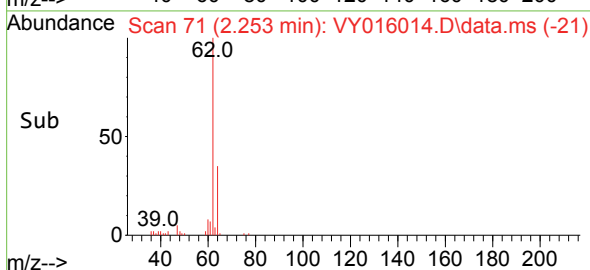
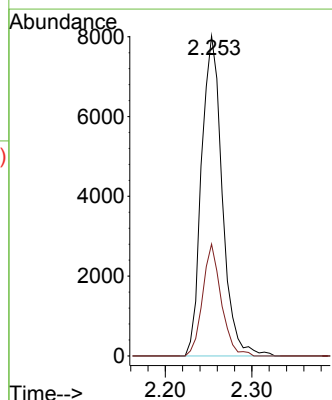
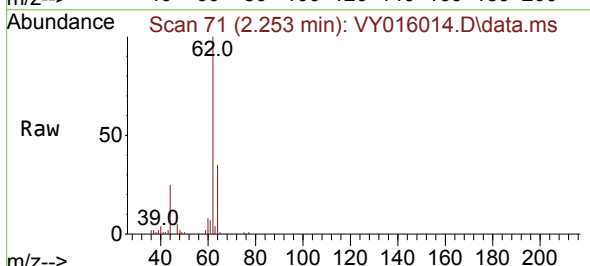
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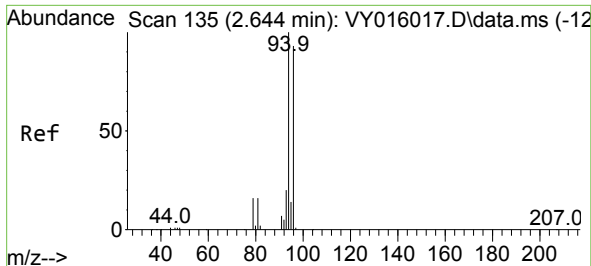
Tgt Ion: 62 Resp: 13310

Ion Ratio Lower Upper

62 100

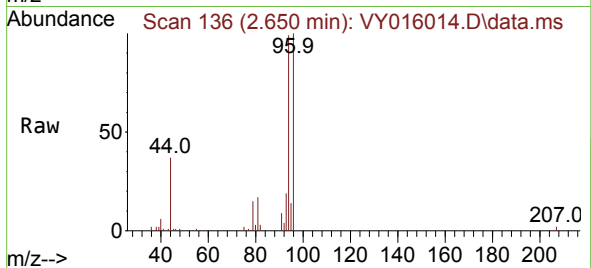
64 34.9 24.3 36.5



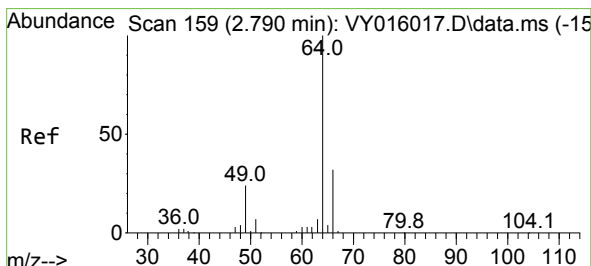
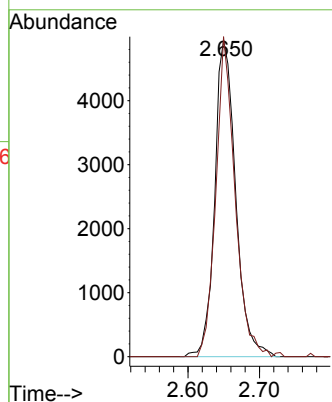
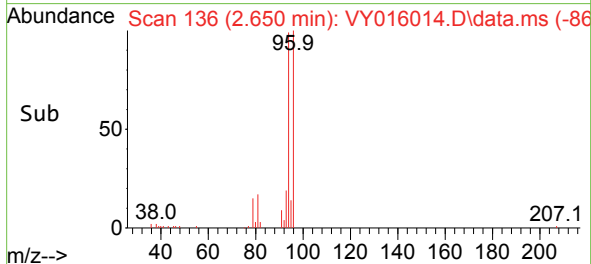


#5
Bromomethane
Concen: 5.391 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Instrument :
MSVOA_Y
ClientSampleId :

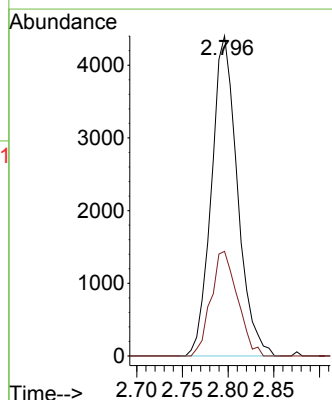
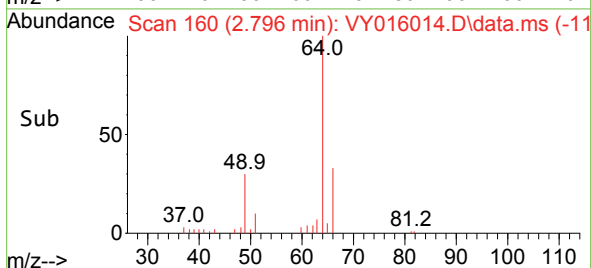
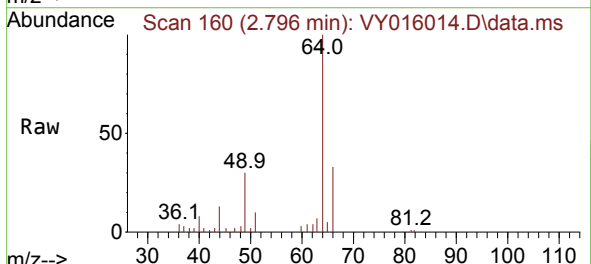


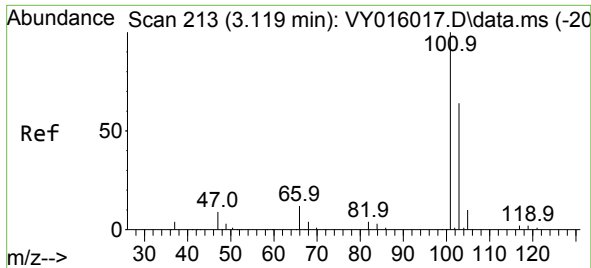
Tgt Ion: 94 Resp: 10042
Ion Ratio Lower Upper
94 100
96 101.2 75.8 113.6



#6
Chloroethane
Concen: 5.296 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 64 Resp: 8697
Ion Ratio Lower Upper
64 100
66 32.7 24.4 36.6

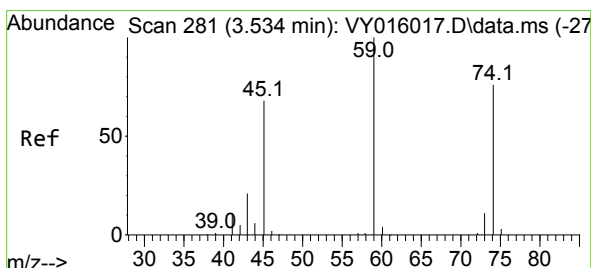
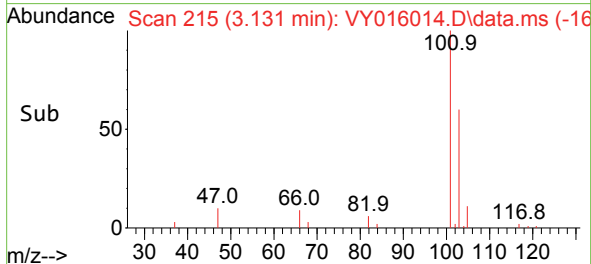
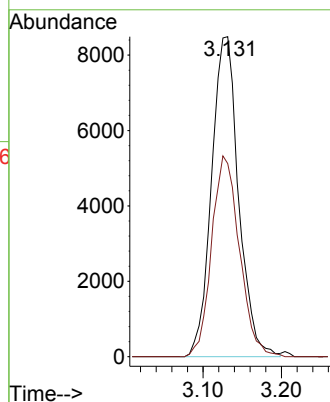
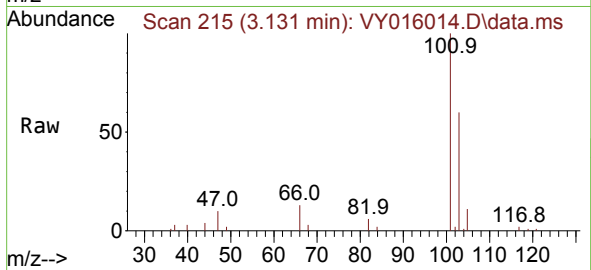




#7
Trichlorofluoromethane
Concen: 5.247 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

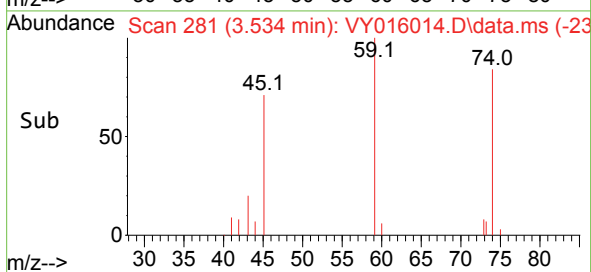
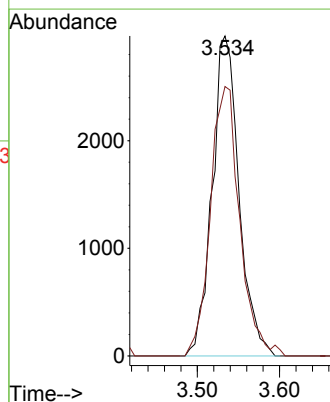
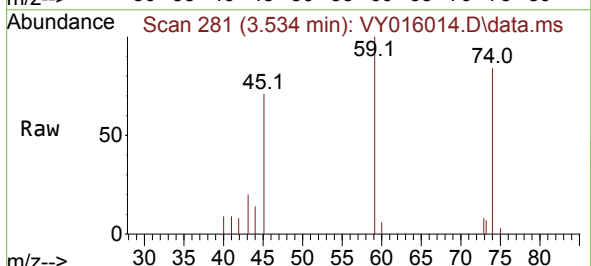
Instrument :
MSVOA_Y
ClientSampleId :

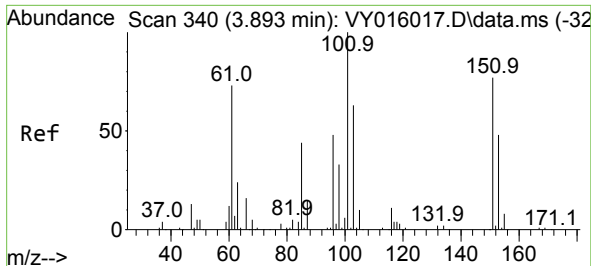
Tgt Ion:101 Resp: 20392
Ion Ratio Lower Upper
101 100
103 60.4 51.4 77.0



#8
Diethyl Ether
Concen: 4.921 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 74 Resp: 6757
Ion Ratio Lower Upper
74 100
45 91.7 51.5 154.5

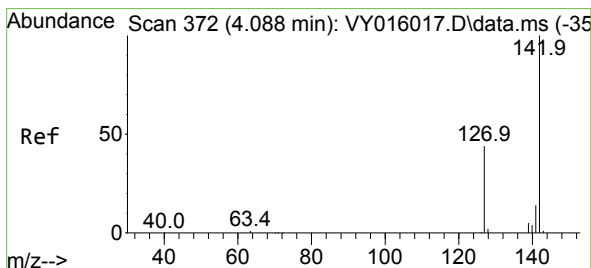
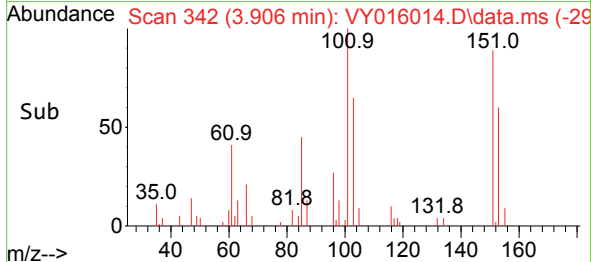
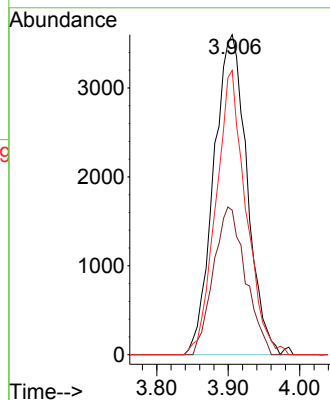
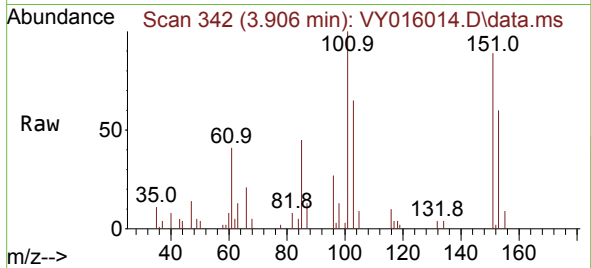




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.207 ug/l
RT: 3.906 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

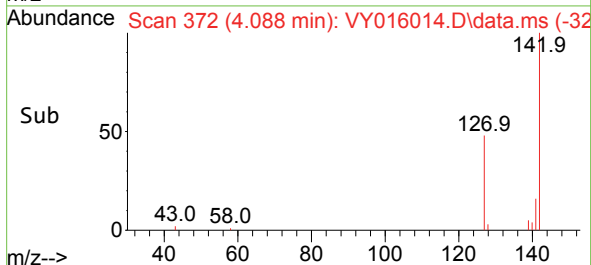
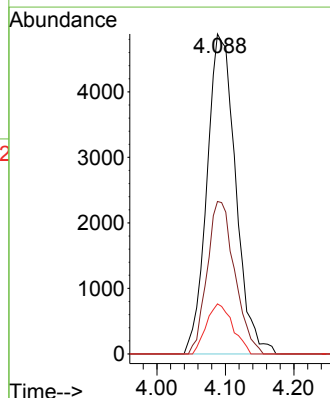
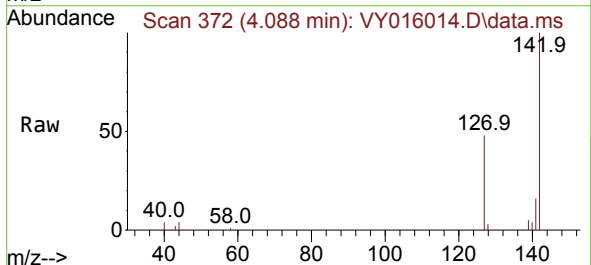
Instrument :
MSVOA_Y
ClientSampleId :

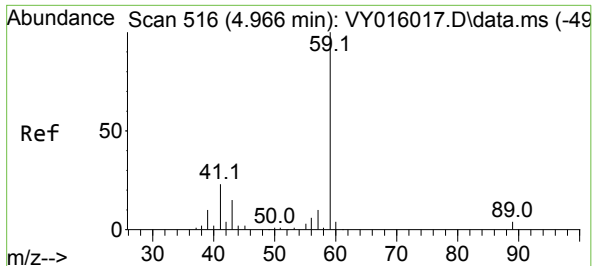
Tgt Ion:101 Resp: 11641
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 80.4 67.0 100.6



#10
Methyl Iodide
Concen: 4.859 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion:142 Resp: 14184
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.4 11.8 17.8

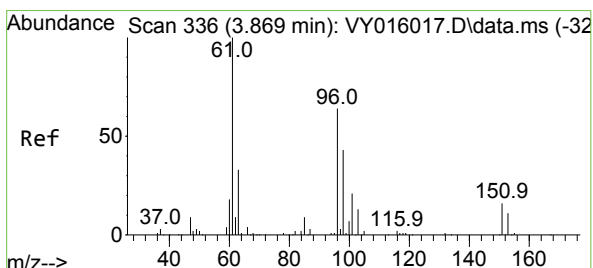
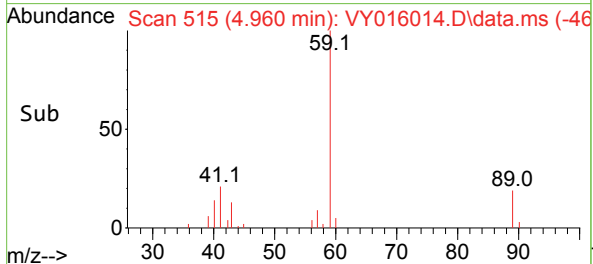
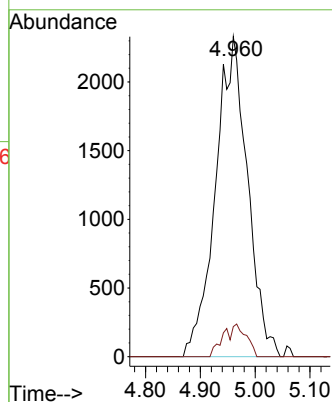
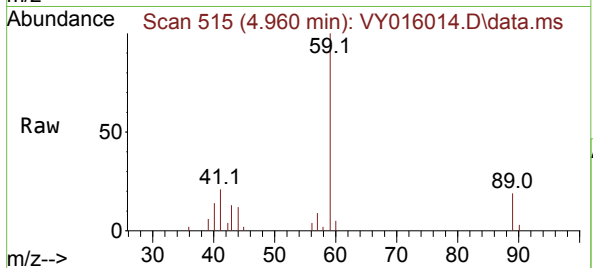




#11
Tert butyl alcohol
Concen: 24.692 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

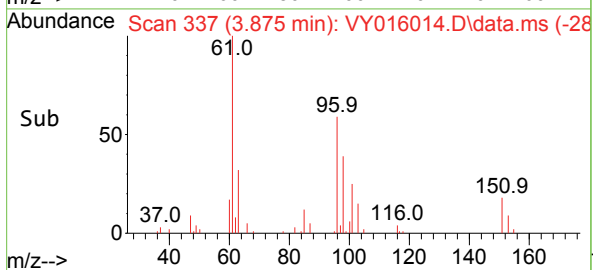
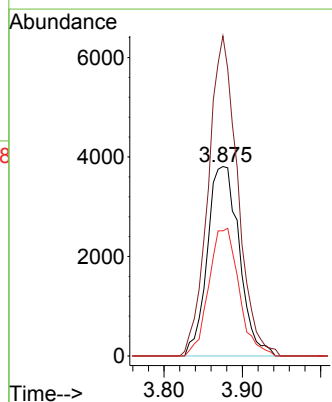
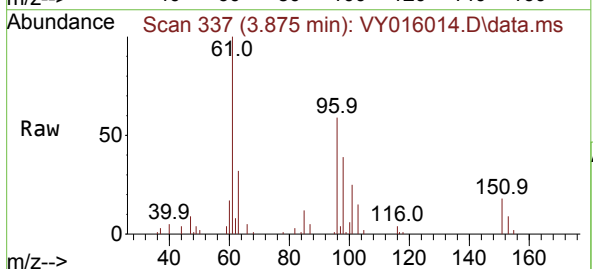
Instrument :
MSVOA_Y
ClientSampleId :

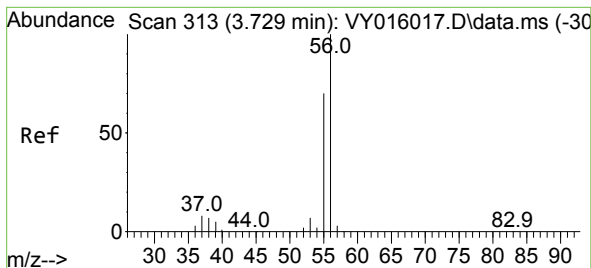
Tgt Ion: 59 Resp: 9446
Ion Ratio Lower Upper
59 100
57 4.4 3.0 4.4



#12
1,1-Dichloroethene
Concen: 5.164 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 96 Resp: 10801
Ion Ratio Lower Upper
96 100
61 169.0 136.4 204.6
98 66.1 49.4 74.2





#13

Acrolein

Concen: 24.569 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

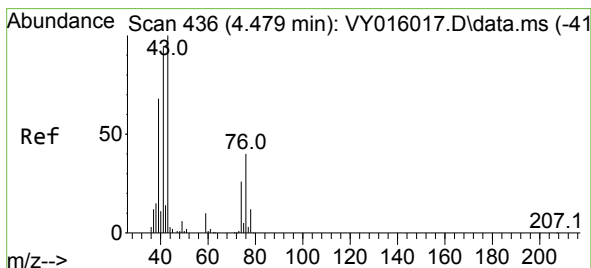
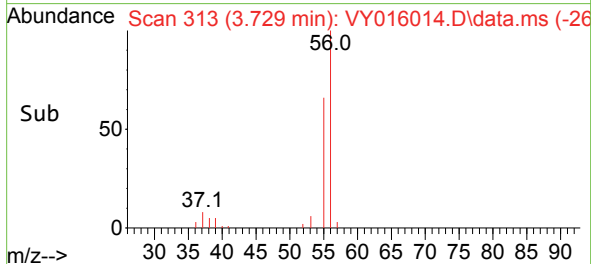
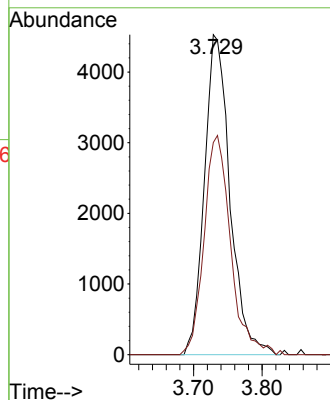
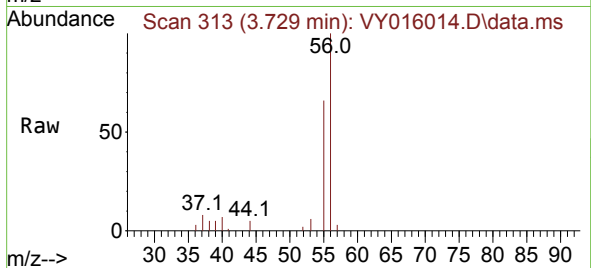
ClientSampleId :

Tgt Ion: 56 Resp: 11758

Ion Ratio Lower Upper

56 100

55 71.0 57.0 85.4



#14

Allyl chloride

Concen: 4.881 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

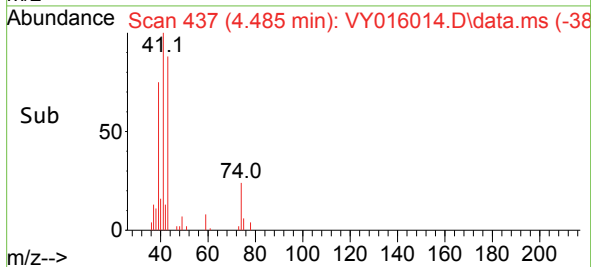
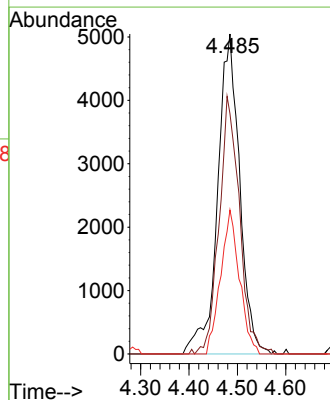
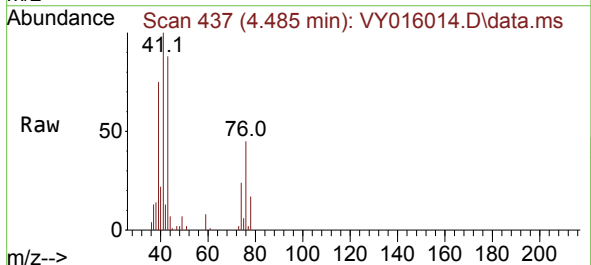
Tgt Ion: 41 Resp: 15964

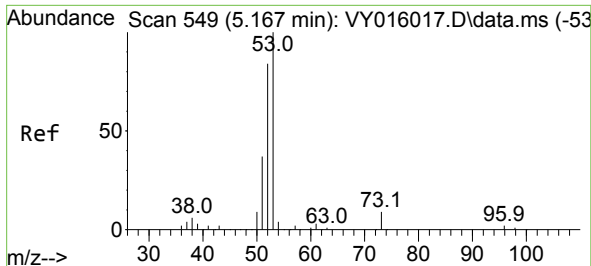
Ion Ratio Lower Upper

41 100

39 74.6 58.0 87.0

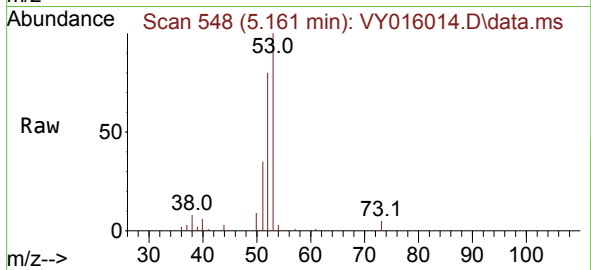
76 38.6 27.4 41.2



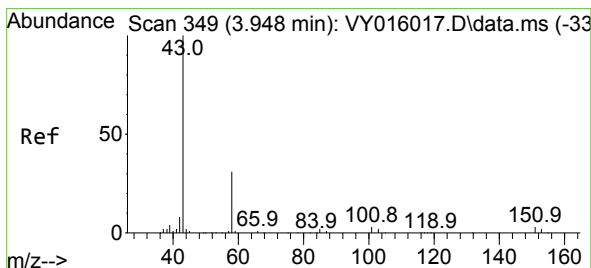
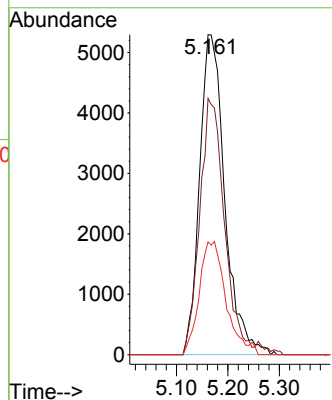
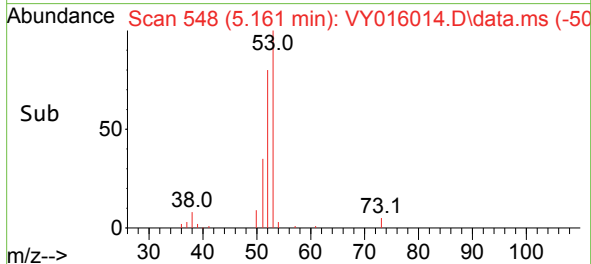


#15
Acrylonitrile
Concen: 22.060 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Instrument :
MSVOA_Y
ClientSampleId :

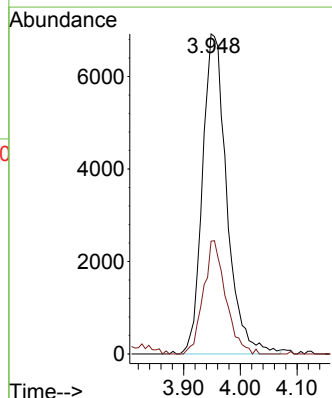
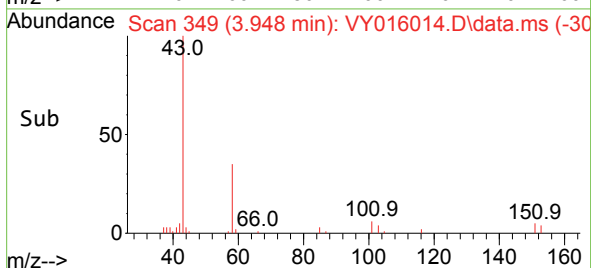
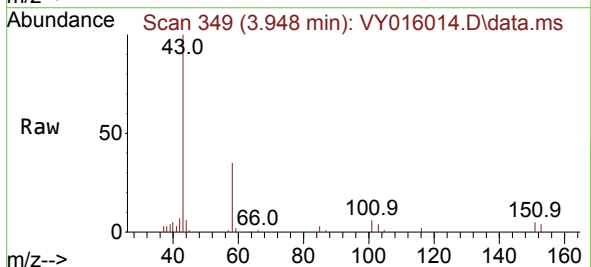


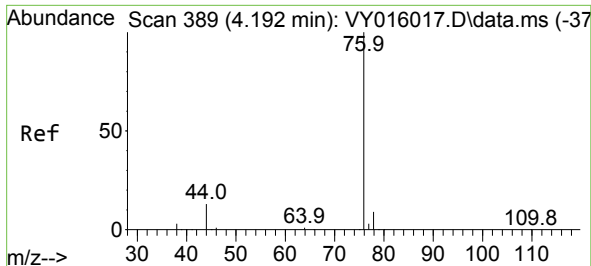
Tgt Ion: 53 Resp: 18070
Ion Ratio Lower Upper
53 100
52 78.2 66.9 100.3
51 37.6 29.8 44.6



#16
Acetone
Concen: 22.435 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 43 Resp: 20610
Ion Ratio Lower Upper
43 100
58 35.2 22.7 34.1#

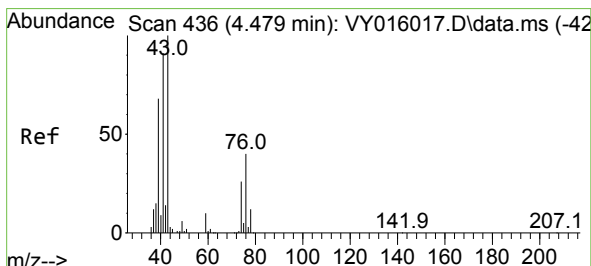
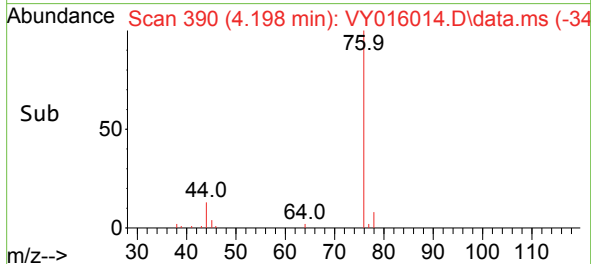
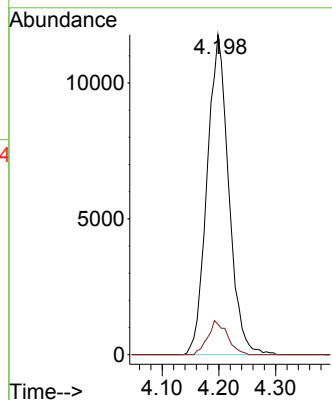
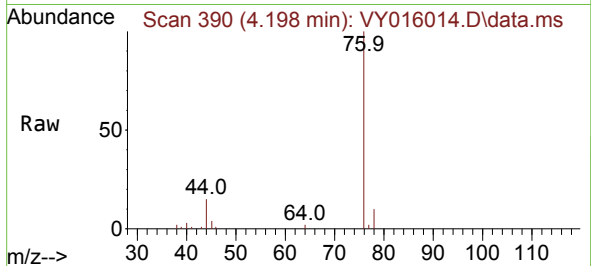




#17
Carbon Disulfide
Concen: 5.091 ug/l
RT: 4.198 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

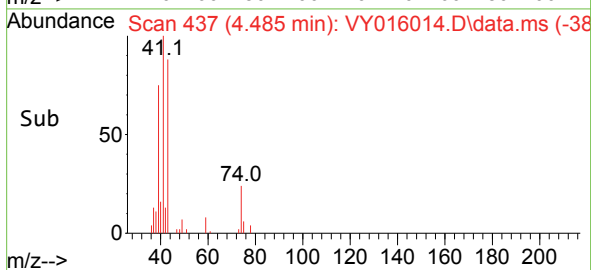
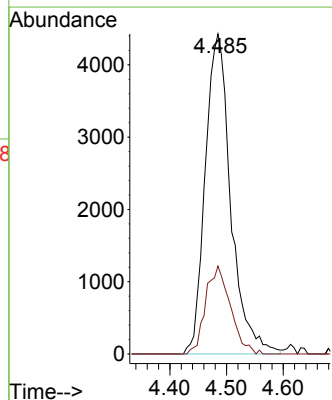
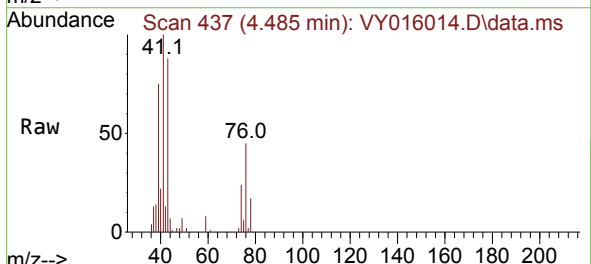
Instrument :
MSVOA_Y
ClientSampleId :

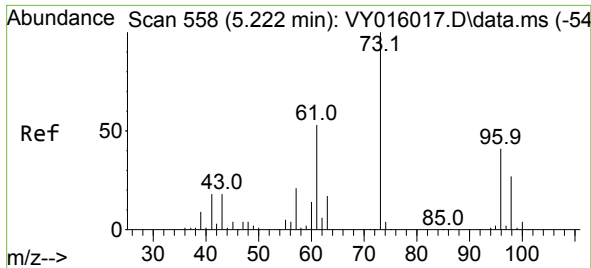
Tgt Ion: 76 Resp: 31201
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 4.376 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 43 Resp: 13835
Ion Ratio Lower Upper
43 100
74 26.6 17.4 26.0#

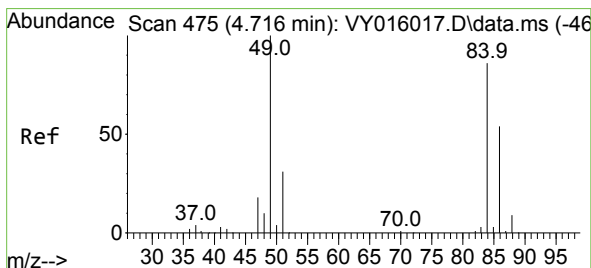
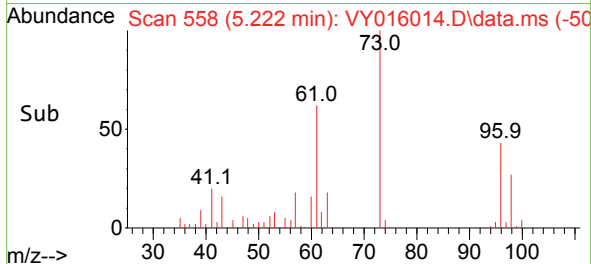
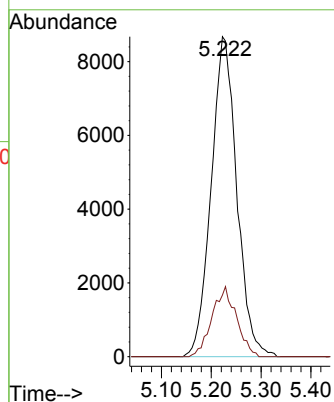
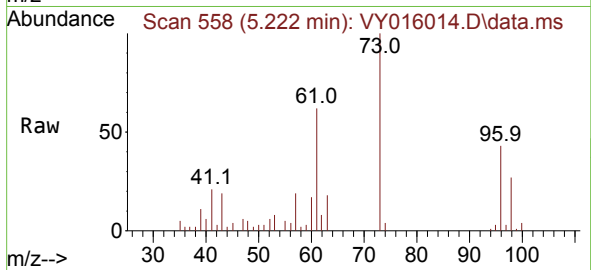




#19
Methyl tert-butyl Ether
Concen: 4.593 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

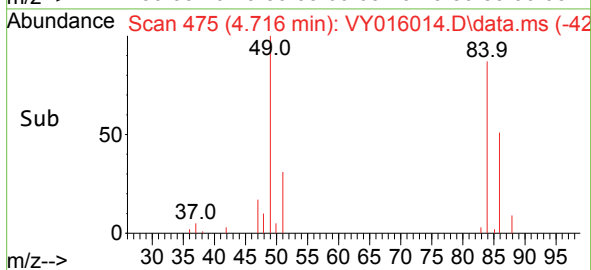
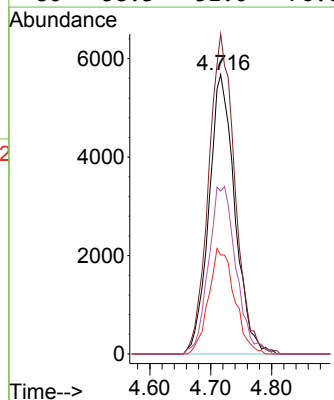
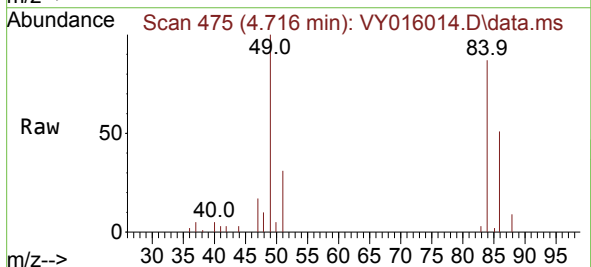
Instrument :
MSVOA_Y
ClientSampleId :

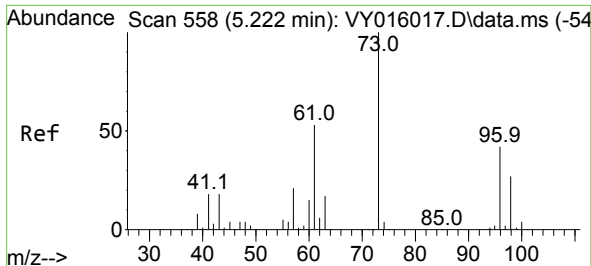
Tgt Ion: 73 Resp: 30992
Ion Ratio Lower Upper
73 100
57 19.2 17.3 25.9



#20
Methylene Chloride
Concen: 6.138 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 84 Resp: 16751
Ion Ratio Lower Upper
84 100
49 114.5 106.9 160.3
51 35.4 33.2 49.8
86 58.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 5.067 ug/l

RT: 5.216 min Scan# 5

Delta R.T. -0.006 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

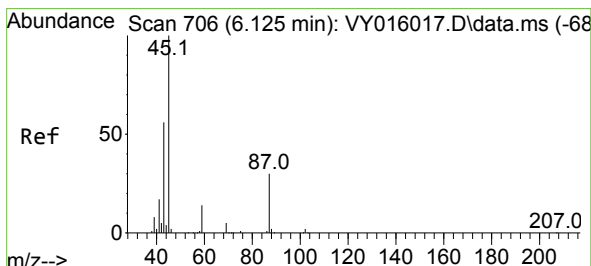
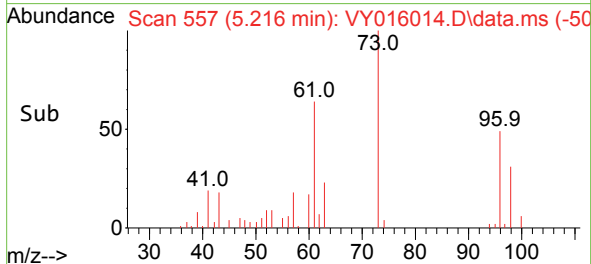
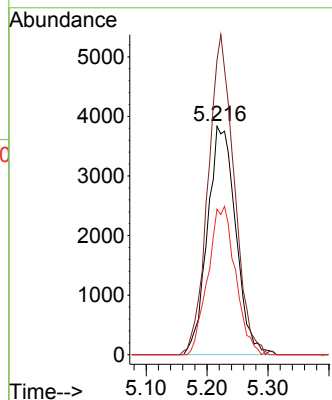
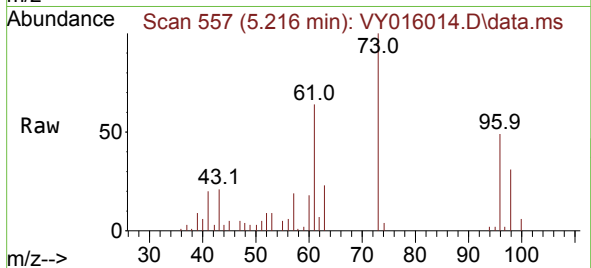
Tgt Ion: 96 Resp: 12342

Ion Ratio Lower Upper

96 100

61 129.0 110.2 165.4

98 63.7 51.8 77.6



#22

Diisopropyl ether

Concen: 4.690 ug/l

RT: 6.125 min Scan# 706

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Tgt Ion: 45 Resp: 33401

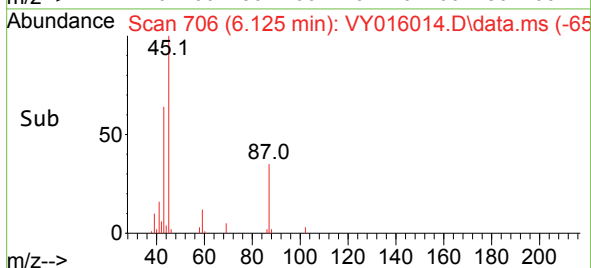
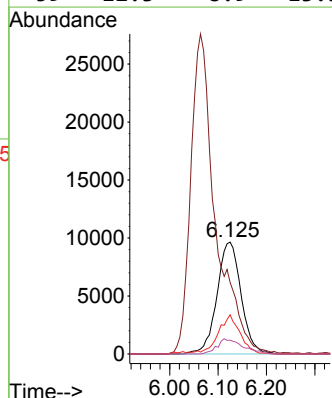
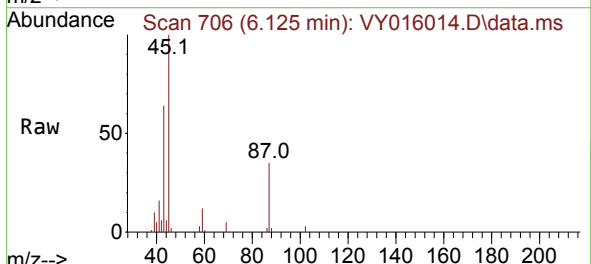
Ion Ratio Lower Upper

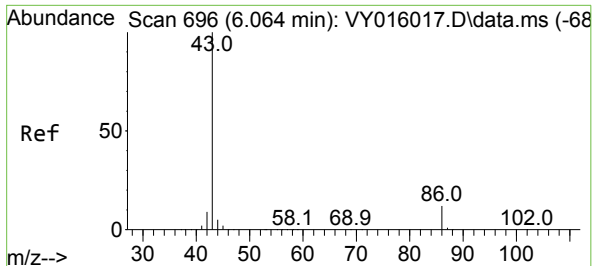
45 100

43 63.1 52.2 78.4

87 35.1 21.0 31.6#

59 12.3 8.9 13.3

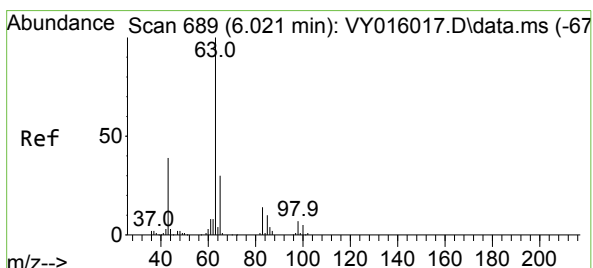
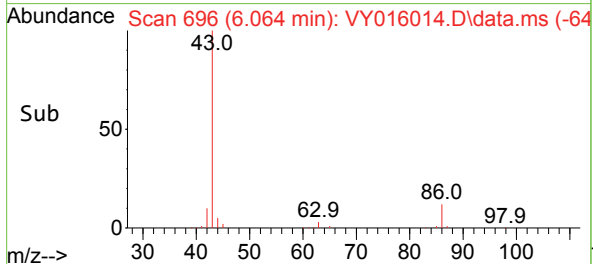
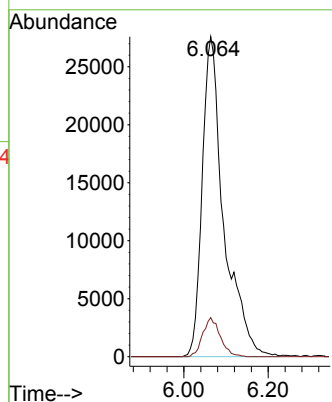
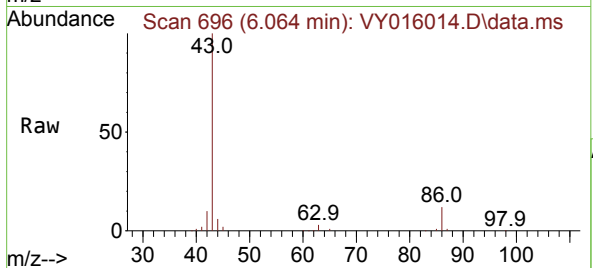




#23
 Vinyl Acetate
 Concen: 22.242 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY016014.D
 Acq: 18 Oct 2023 11:32

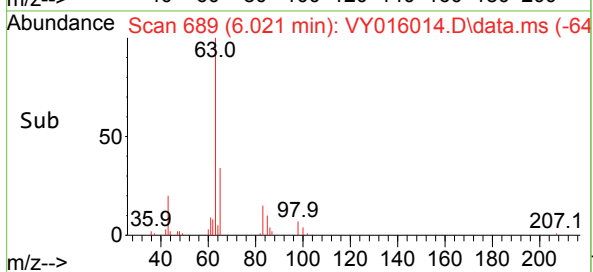
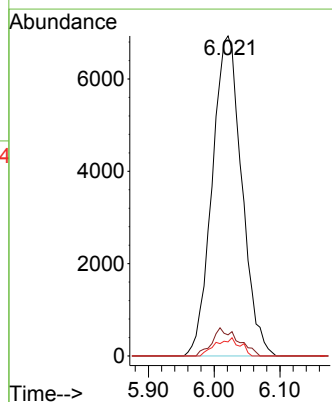
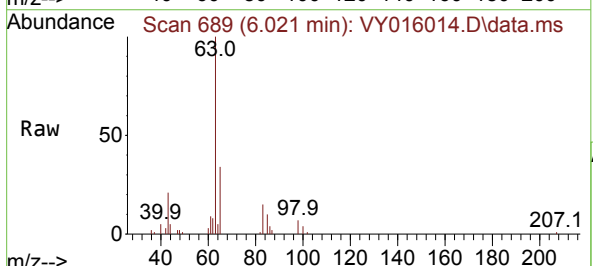
Instrument :
 MSVOA_Y
 ClientSampleId :

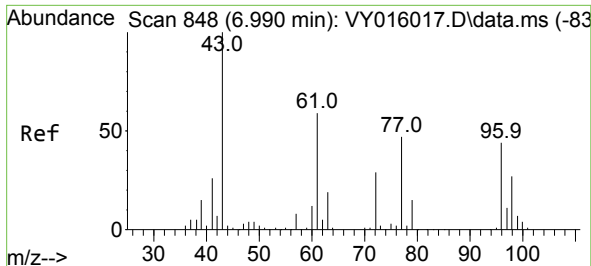
Tgt Ion: 43 Resp: 98265
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 5.139 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY016014.D
 Acq: 18 Oct 2023 11:32

Tgt Ion: 63 Resp: 21712
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 21.965 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

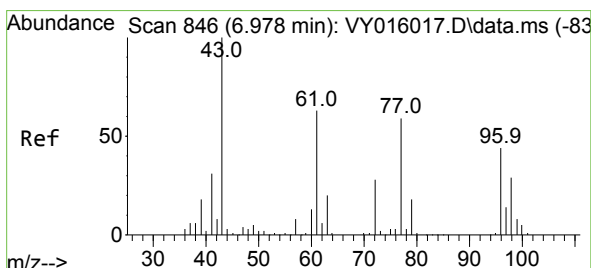
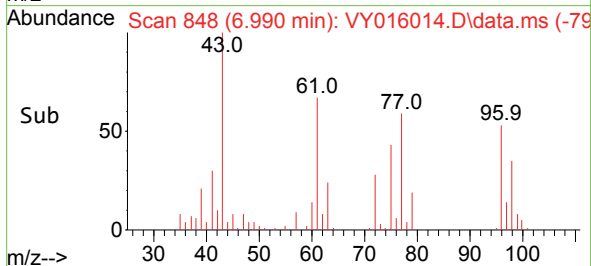
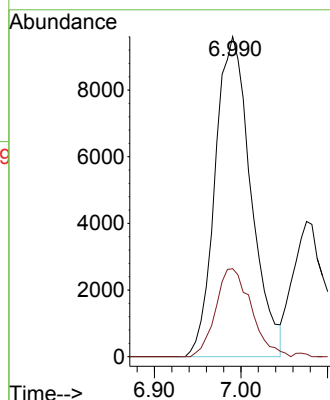
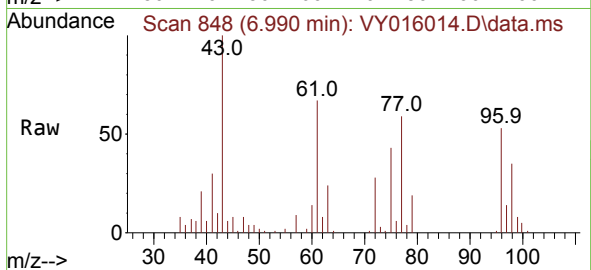
ClientSampleId :

Tgt Ion: 43 Resp: 27639

Ion Ratio Lower Upper

43 100

72 27.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 5.090 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY016014.D

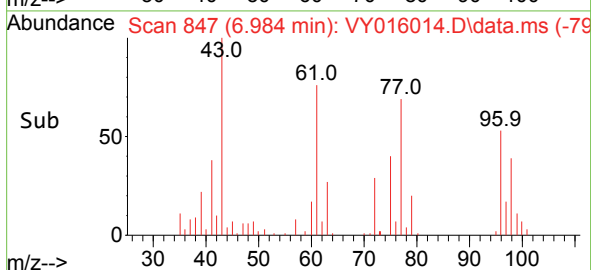
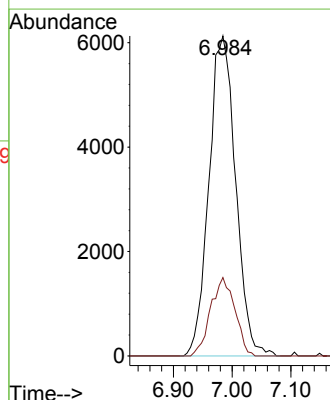
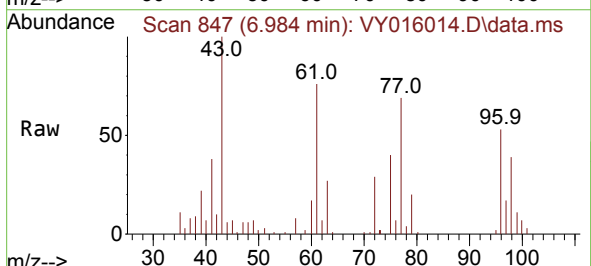
Acq: 18 Oct 2023 11:32

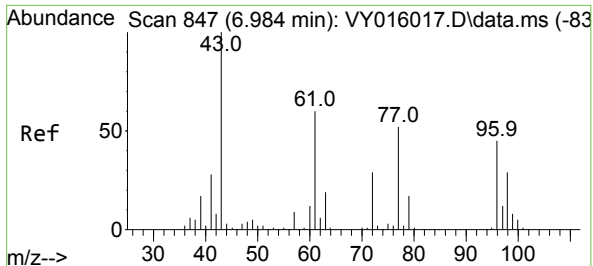
Tgt Ion: 77 Resp: 19349

Ion Ratio Lower Upper

77 100

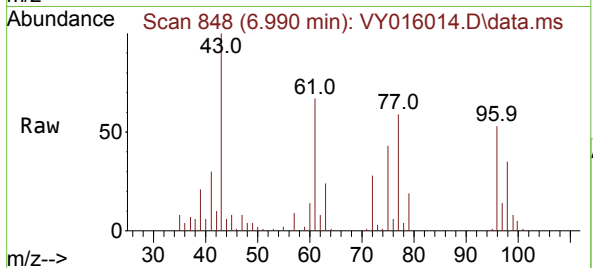
97 22.4 10.9 32.9



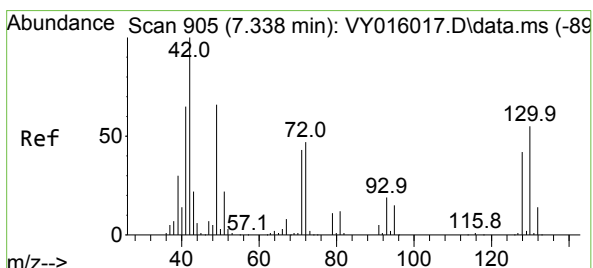
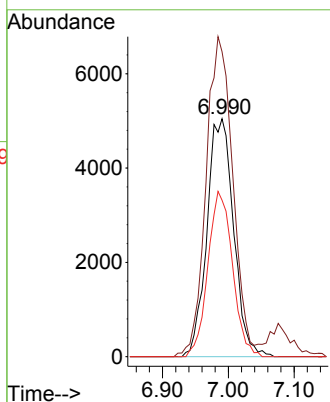
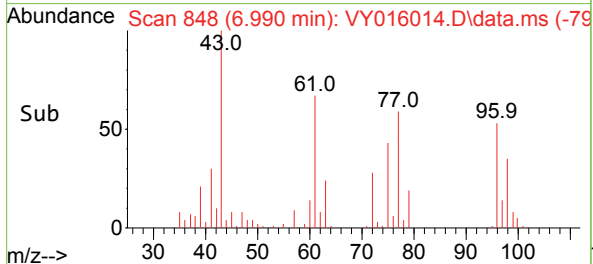


#27
cis-1,2-Dichloroethene
Concen: 5.077 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Instrument :
MSVOA_Y
ClientSampleId :

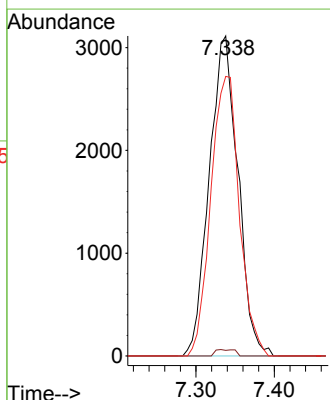
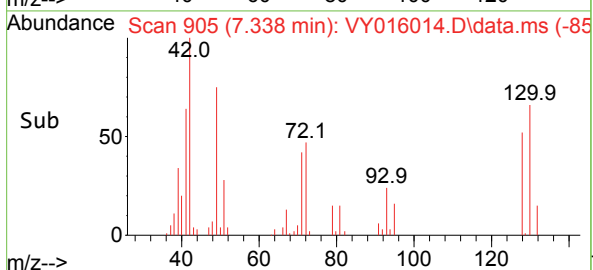
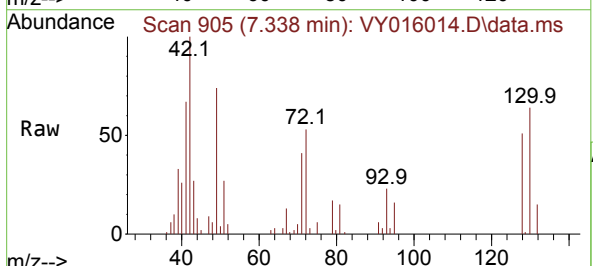


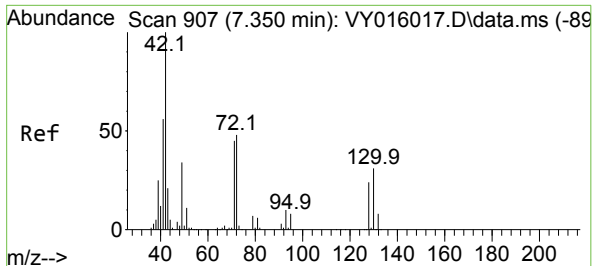
Tgt Ion: 96 Resp: 14242
Ion Ratio Lower Upper
96 100
61 135.9 0.0 301.4
98 64.1 0.0 130.4



#28
Bromochloromethane
Concen: 4.385 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 49 Resp: 7923
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.6
130 86.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 20.591 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016014.D

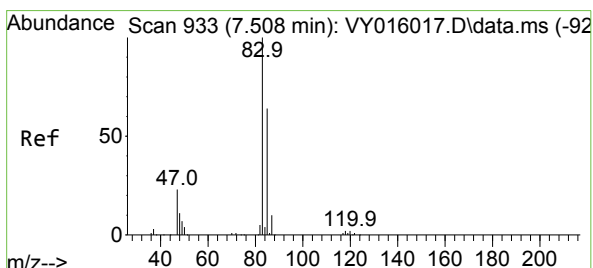
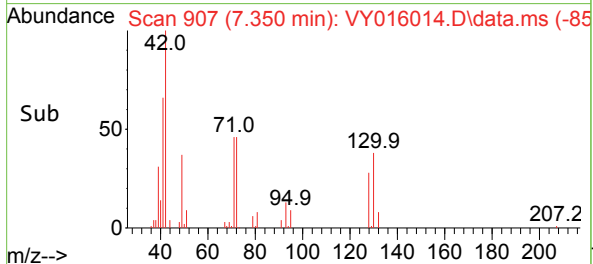
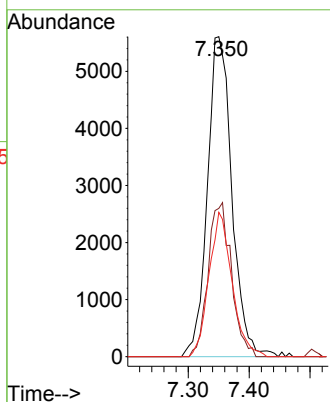
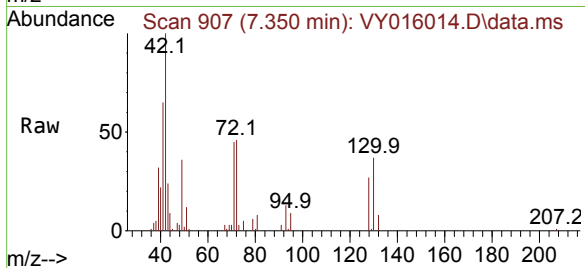
Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	15683
Ion	Ratio	Lower	Upper
42	100		
72	45.7	32.8	49.2
71	42.5	31.0	46.4



#30

Chloroform

Concen: 5.066 ug/l

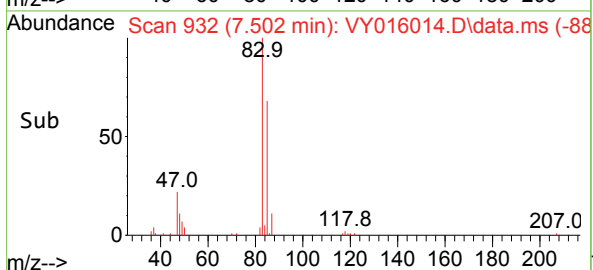
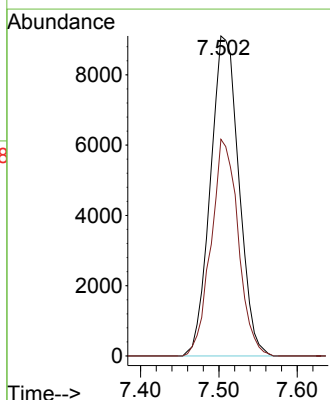
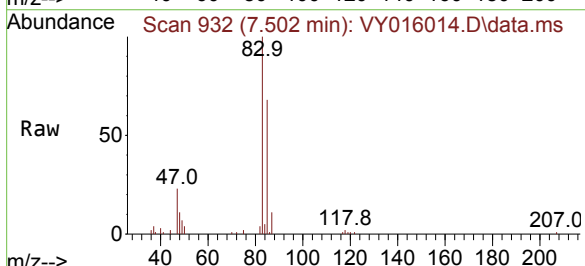
RT: 7.502 min Scan# 932

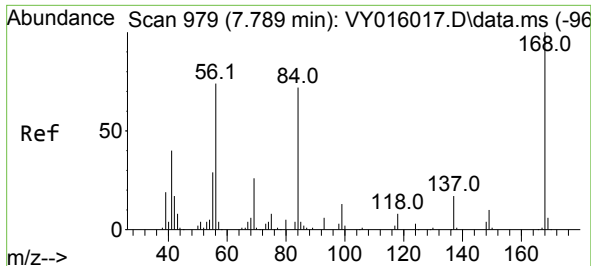
Delta R.T. -0.006 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

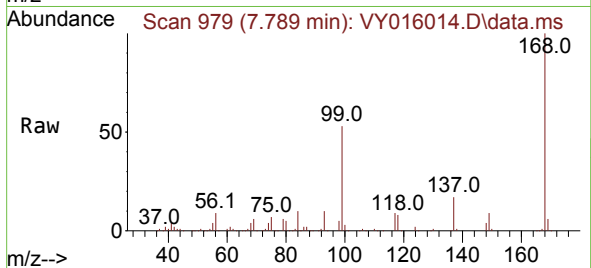
Tgt Ion:	83	Resp:	22952
Ion	Ratio	Lower	Upper
83	100		
85	67.7	49.7	74.5



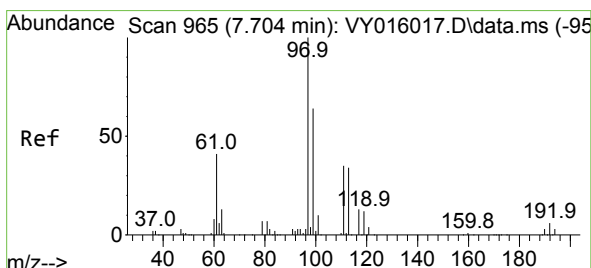
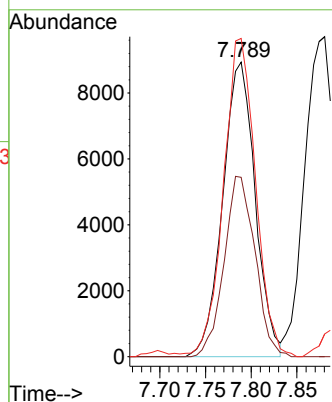
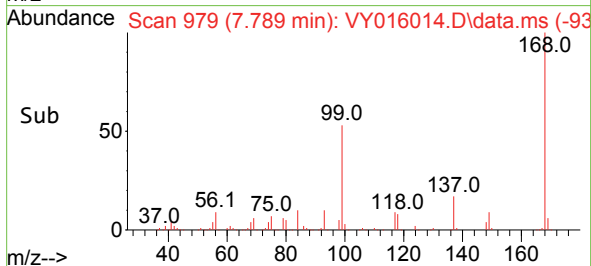


#31
Cyclohexane
Concen: 5.690 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Instrument :
MSVOA_Y
ClientSampleId :

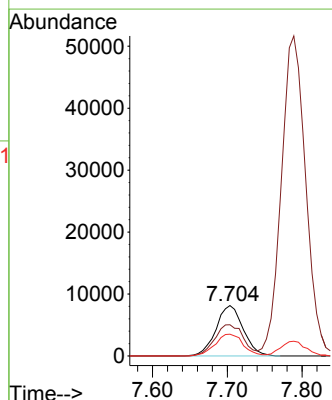
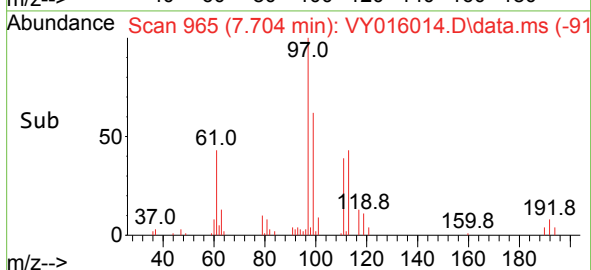
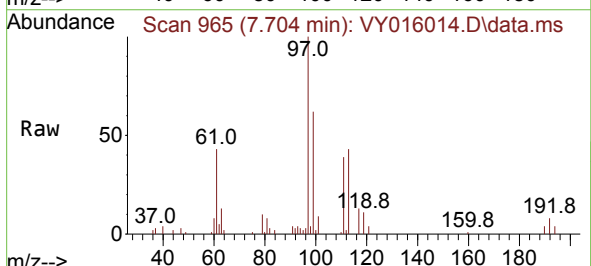


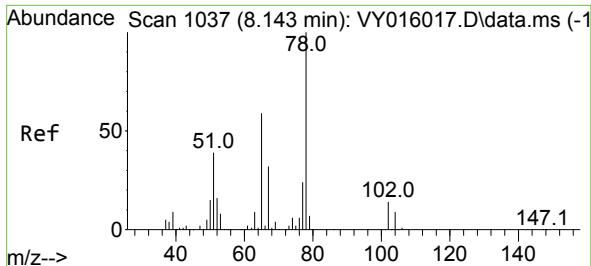
Tgt Ion: 56 Resp: 22069
Ion Ratio Lower Upper
56 100
69 60.9 27.8 41.6#
84 107.1 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 5.082 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 97 Resp: 20598
Ion Ratio Lower Upper
97 100
99 65.5 50.8 76.2
61 44.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 5.330 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

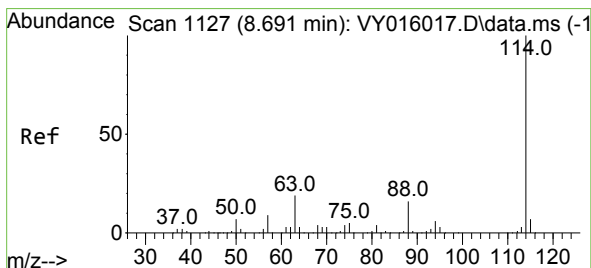
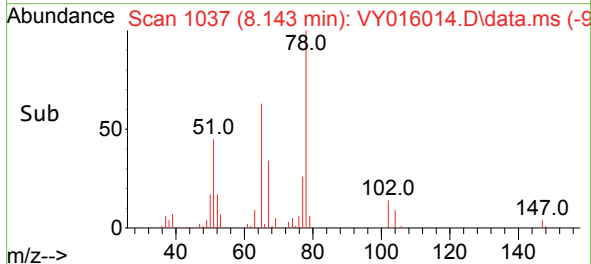
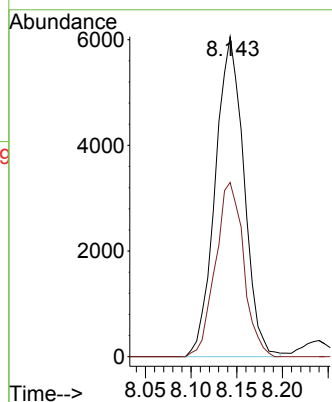
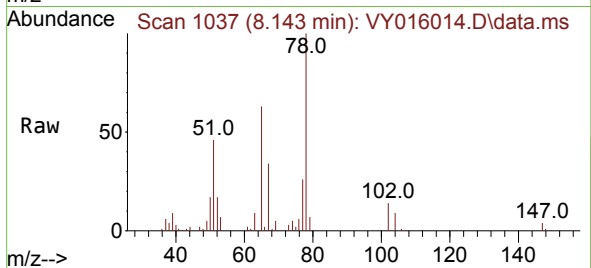
ClientSampleId :

Tgt Ion: 65 Resp: 13210

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

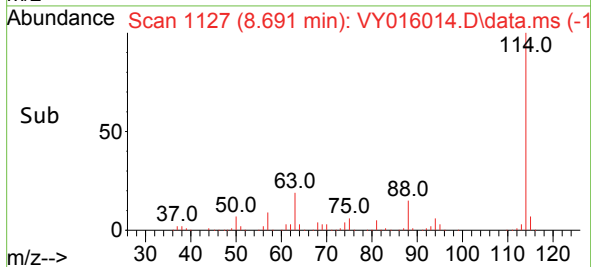
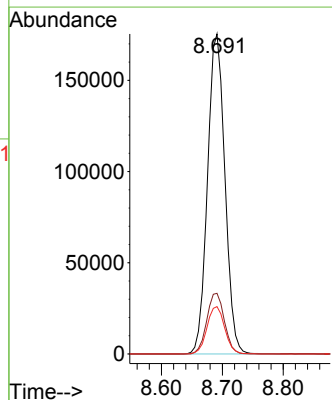
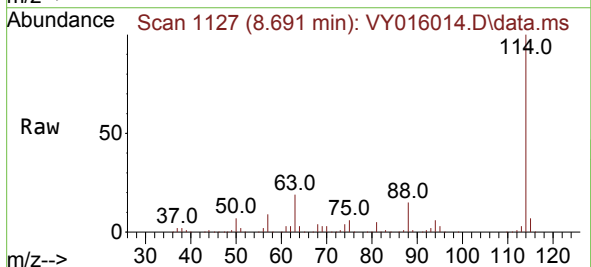
Tgt Ion: 114 Resp: 348198

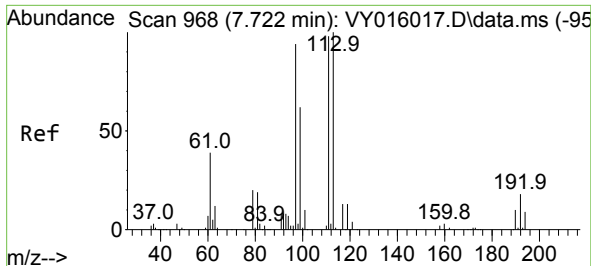
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.8 0.0 30.6

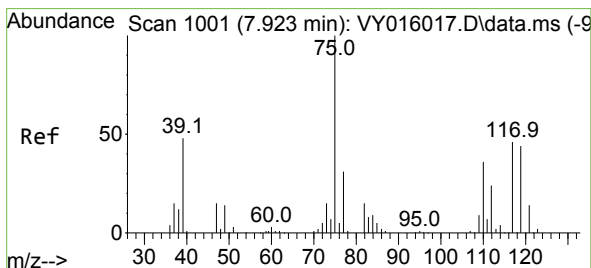
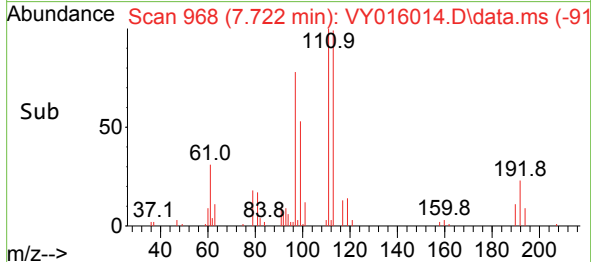
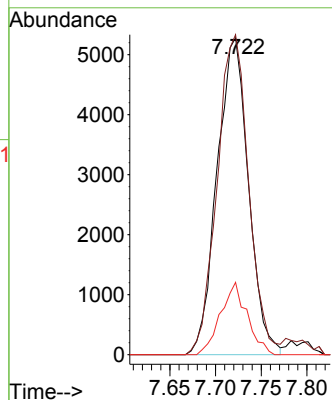
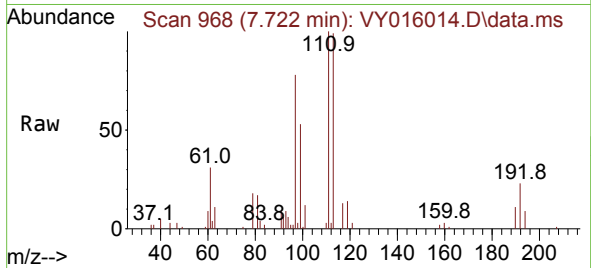




#35
Dibromofluoromethane
Concen: 5.506 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

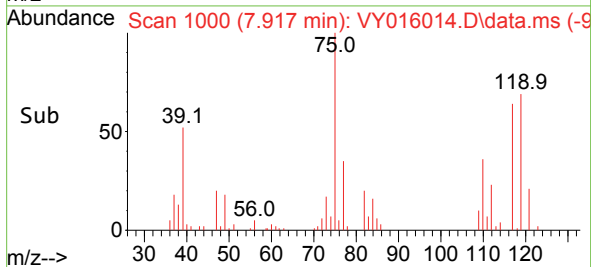
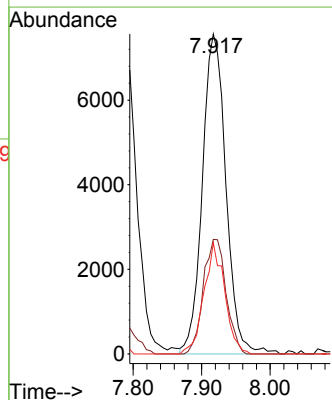
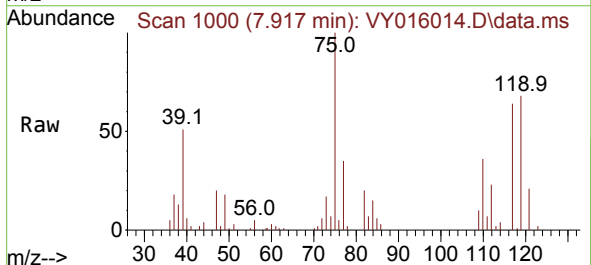
Instrument :
MSVOA_Y
ClientSampleId :

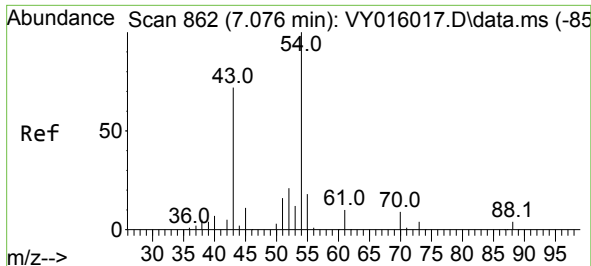
Tgt Ion:113 Resp: 12620
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.253 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 75 Resp: 18114
Ion Ratio Lower Upper
75 100
110 34.5 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 4.255 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY016014.D

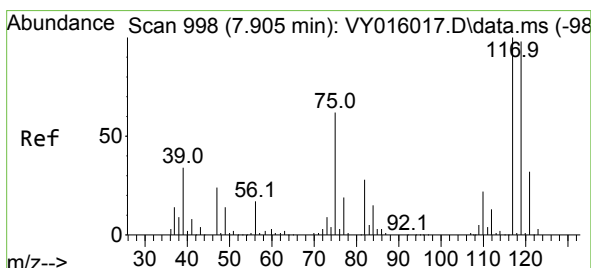
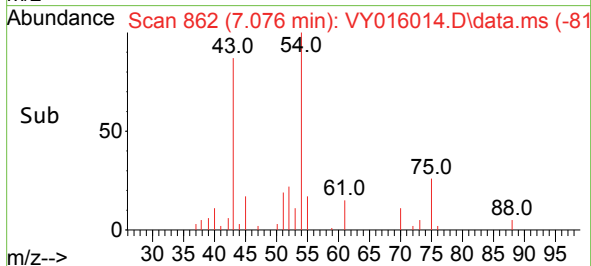
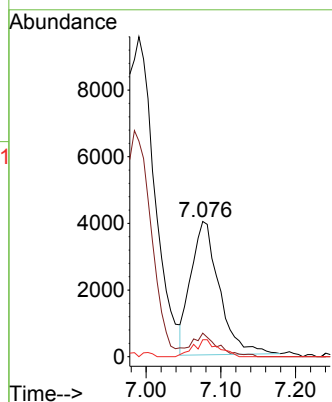
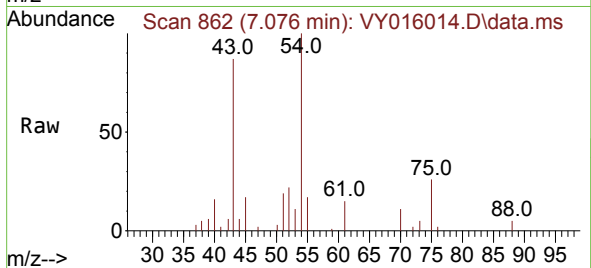
Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	10576
Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.1	15.1#
70	11.1	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.161 ug/l

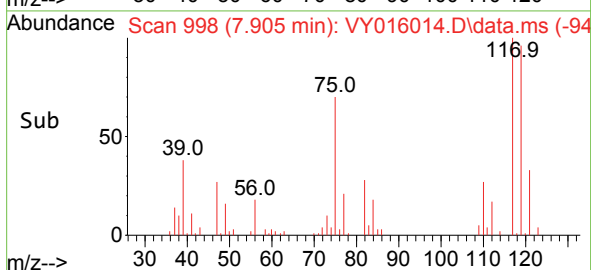
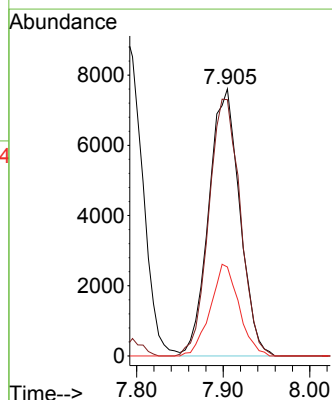
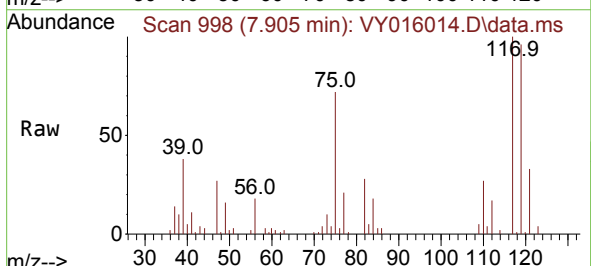
RT: 7.905 min Scan# 998

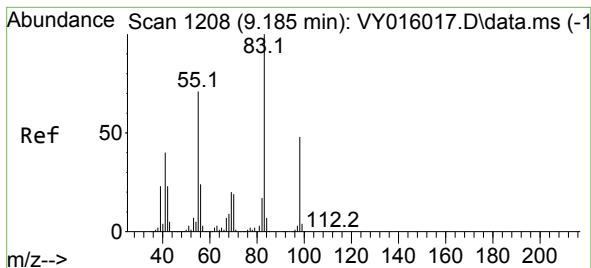
Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Tgt Ion:	117	Resp:	18914
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.4	114.6
121	33.3	25.8	38.6





#39

Methylcyclohexane

Concen: 5.002 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

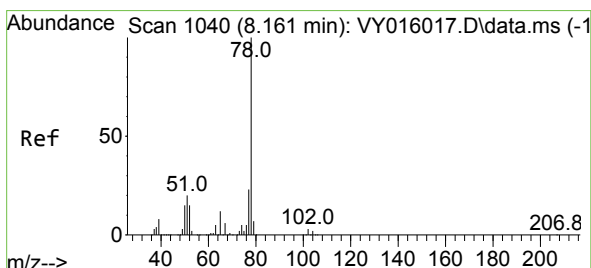
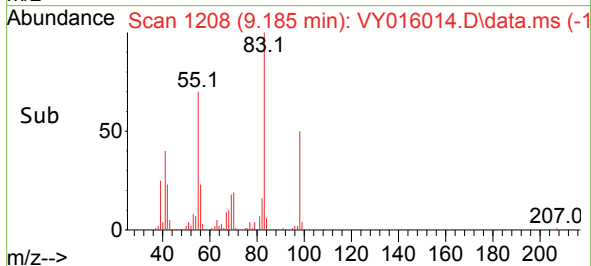
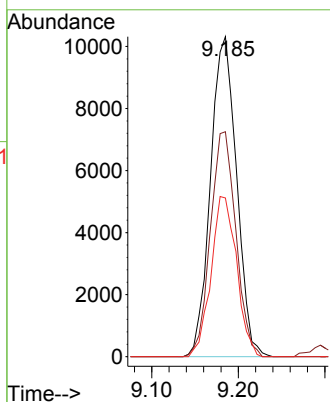
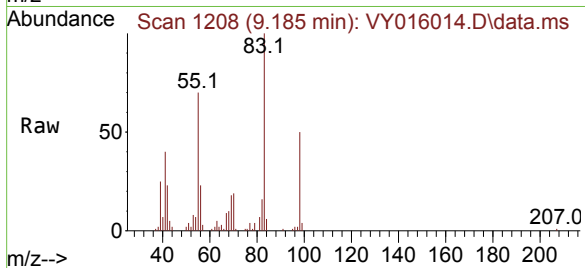
Tgt Ion: 83 Resp: 21556

Ion Ratio Lower Upper

83 100

55 70.3 63.0 94.4

98 49.6 37.4 56.2



#40

Benzene

Concen: 5.136 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY016014.D

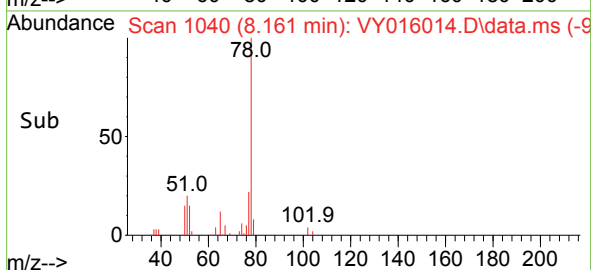
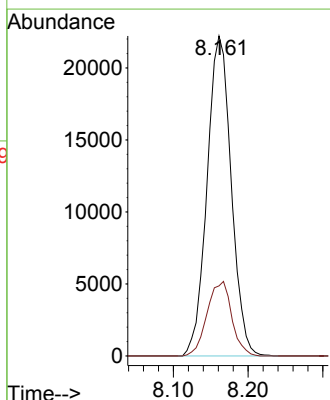
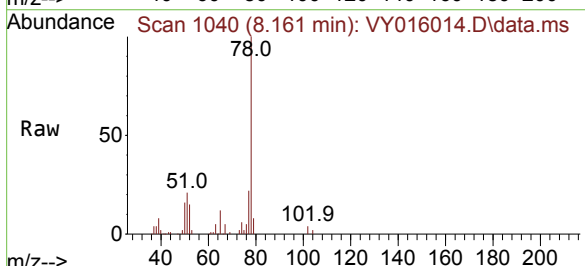
Acq: 18 Oct 2023 11:32

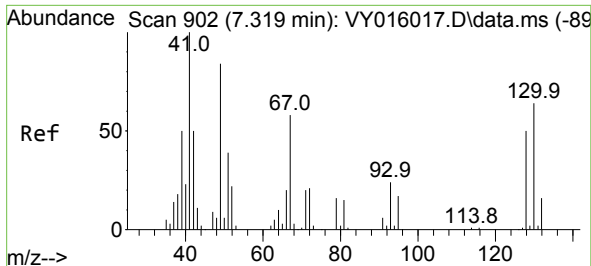
Tgt Ion: 78 Resp: 49909

Ion Ratio Lower Upper

78 100

77 21.9 19.0 28.6

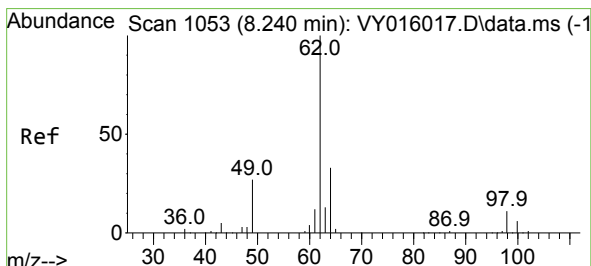
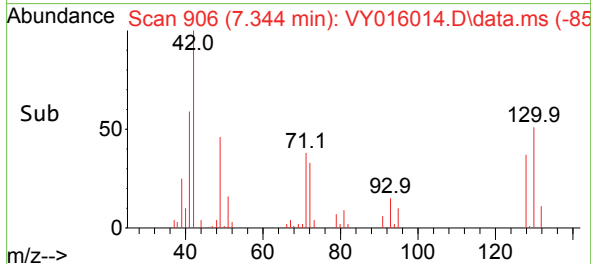
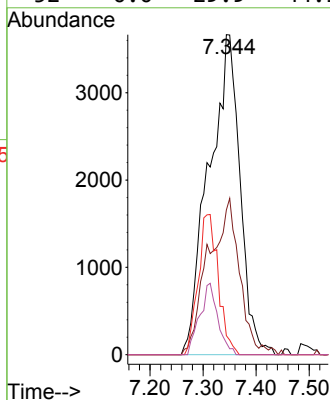
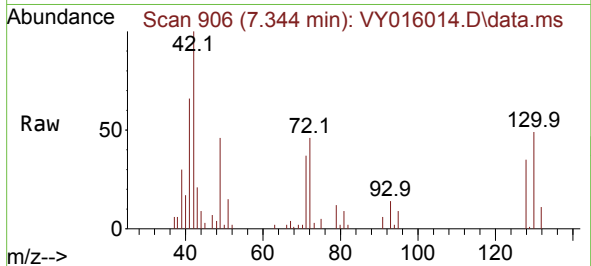




#41
Methacrylonitrile
Concen: 11.885 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.024 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

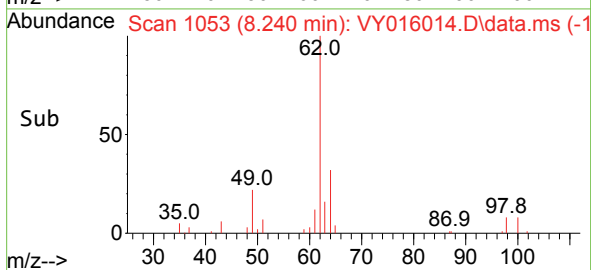
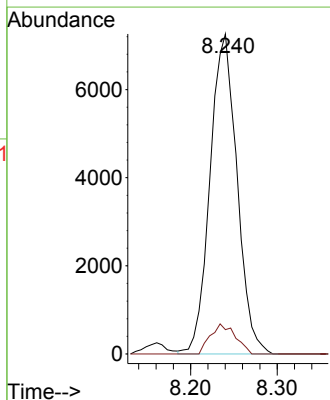
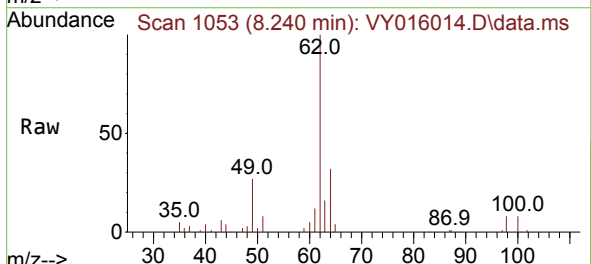
Instrument :
MSVOA_Y
ClientSampleId :

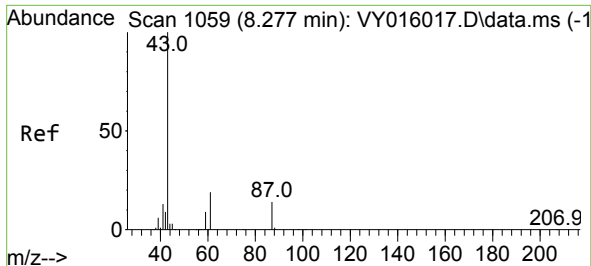
Tgt Ion: 41 Resp: 14874
Ion Ratio Lower Upper
41 100
39 49.1 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 5.024 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

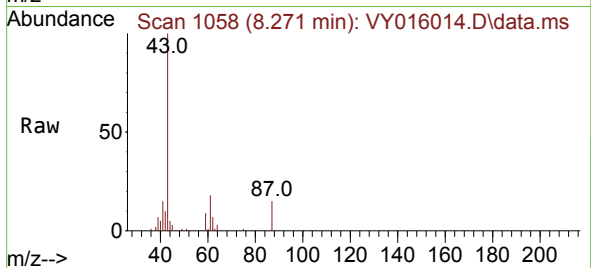
Tgt Ion: 62 Resp: 15726
Ion Ratio Lower Upper
62 100
98 8.7 0.0 15.8



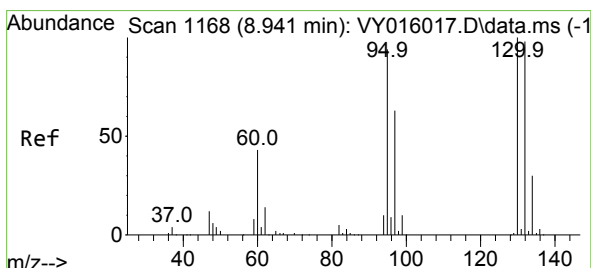
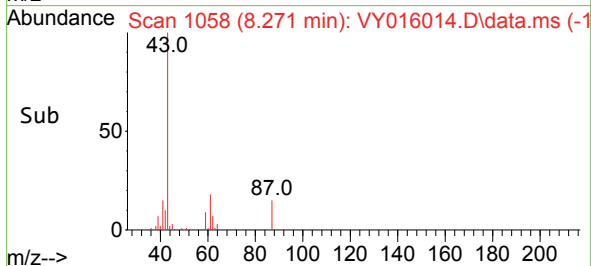
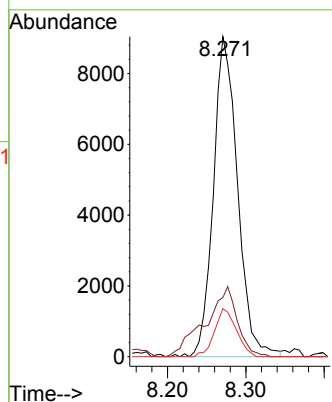


#43
Isopropyl Acetate
Concen: 4.462 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Instrument :
MSVOA_Y
ClientSampleId :

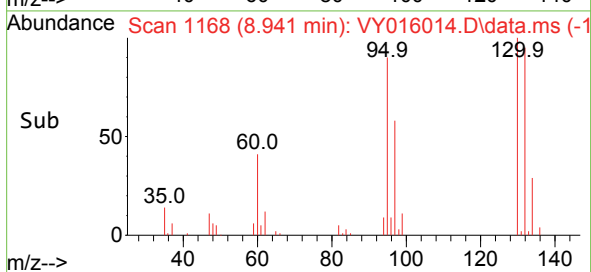
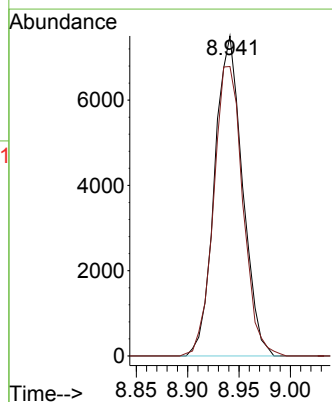
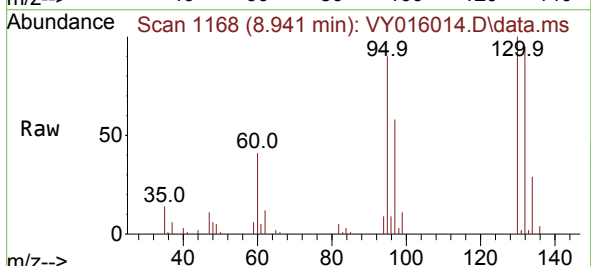


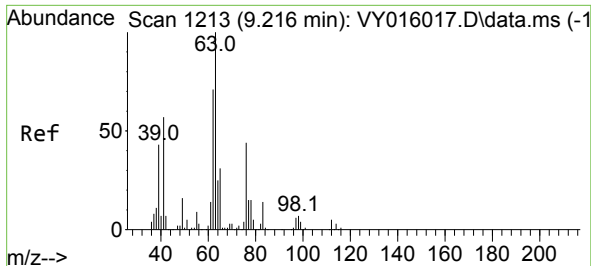
Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.2	21.1	31.7
87	13.6	9.8	14.8



#44
Trichloroethene
Concen: 5.191 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	196.0





#45

1,2-Dichloropropane

Concen: 4.950 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

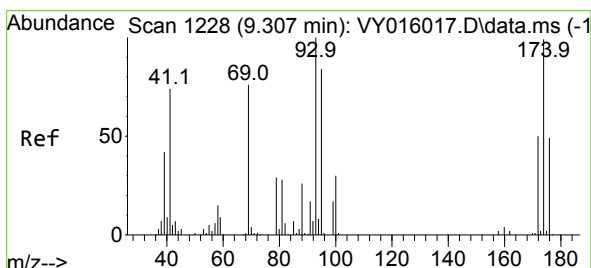
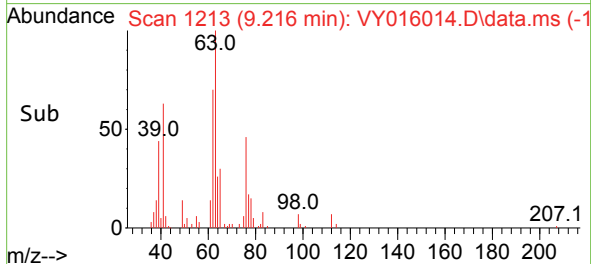
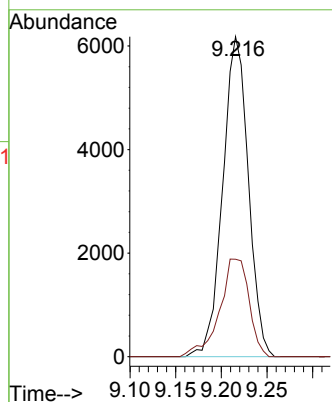
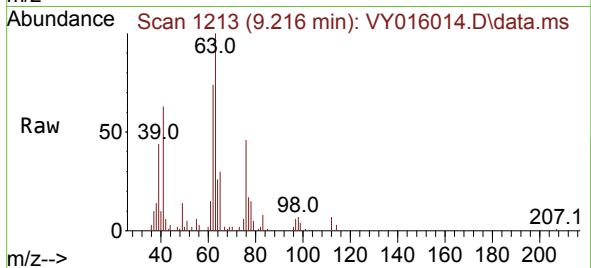
ClientSampleId :

Tgt Ion: 63 Resp: 12040

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.6



#46

Dibromomethane

Concen: 4.807 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

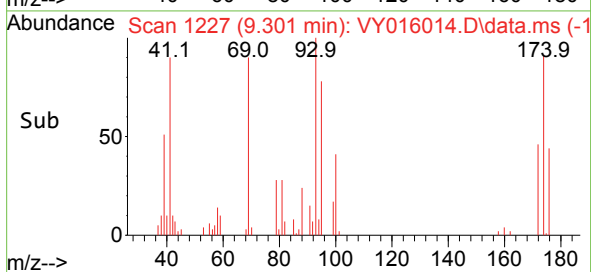
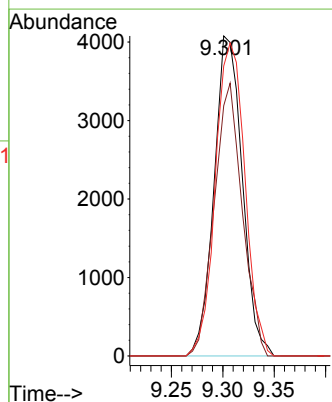
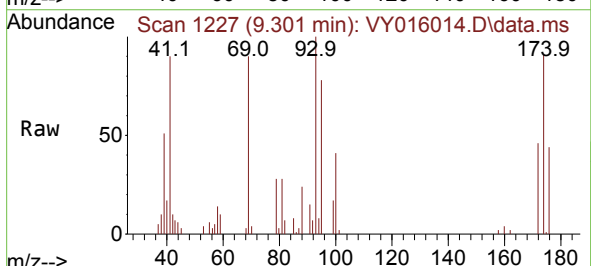
Tgt Ion: 93 Resp: 7761

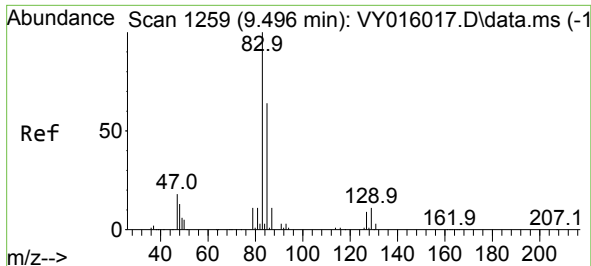
Ion Ratio Lower Upper

93 100

95 85.3 66.6 100.0

174 102.8 84.8 127.2

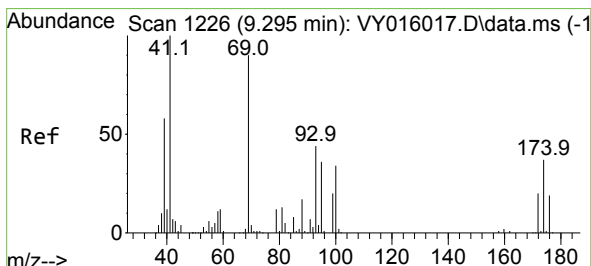
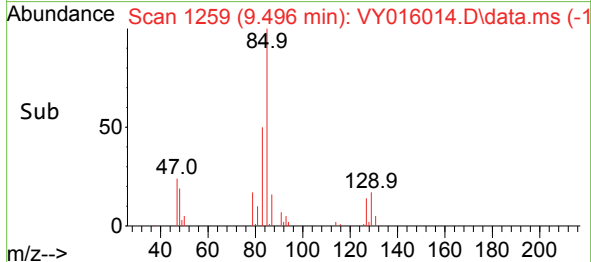
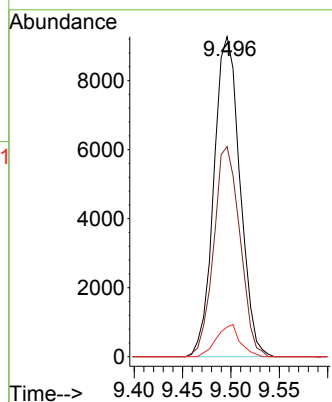
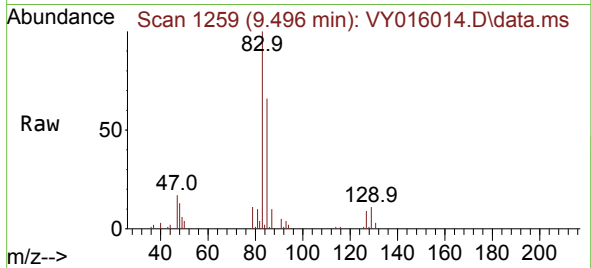




#47
Bromodichloromethane
Concen: 4.912 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

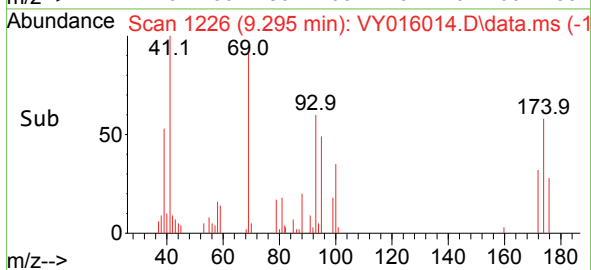
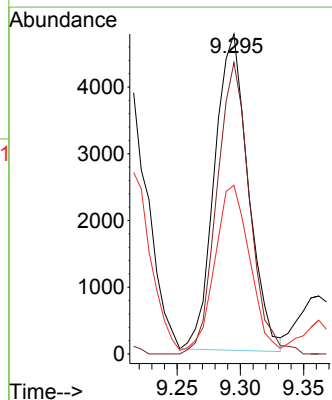
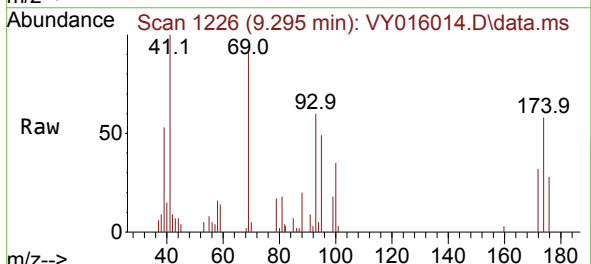
Instrument :
MSVOA_Y
ClientSampleId :

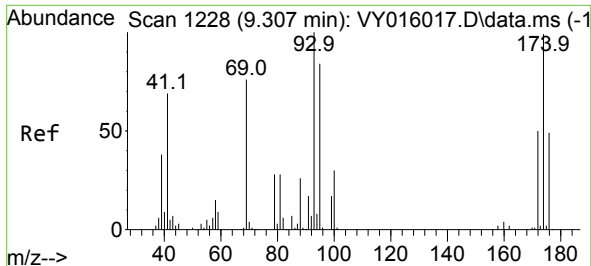
Tgt Ion: 83 Resp: 17383
Ion Ratio Lower Upper
83 100
85 65.7 50.1 75.1
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 4.444 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 41 Resp: 8791
Ion Ratio Lower Upper
41 100
69 89.6 64.5 96.7
39 53.7 50.8 76.2





#49

1,4-Dioxane

Concen: 90.469 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.012 min

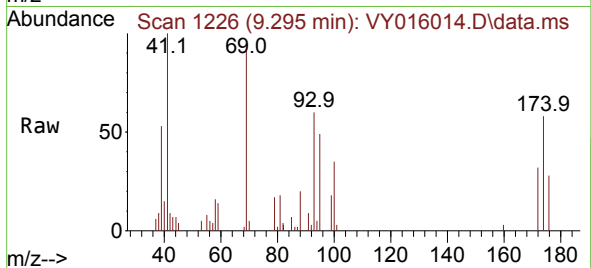
Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :



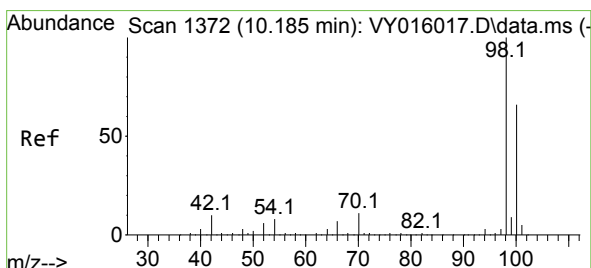
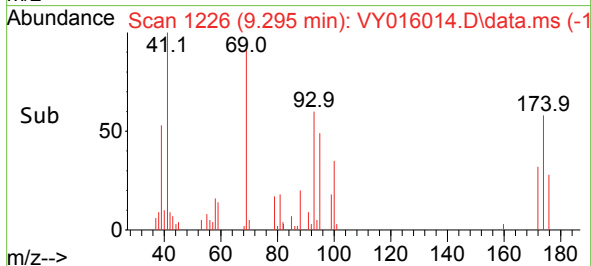
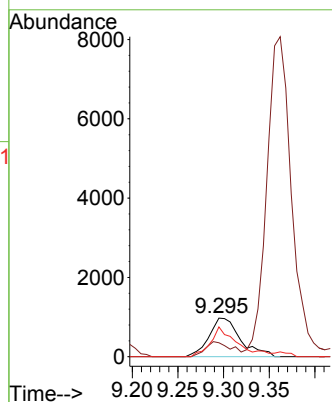
Tgt Ion: 88 Resp: 2326

Ion Ratio Lower Upper

88 100

43 31.6 0.0 0.0#

58 66.2 30.9 46.3#



#50

Toluene-d8

Concen: 5.413 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY016014.D

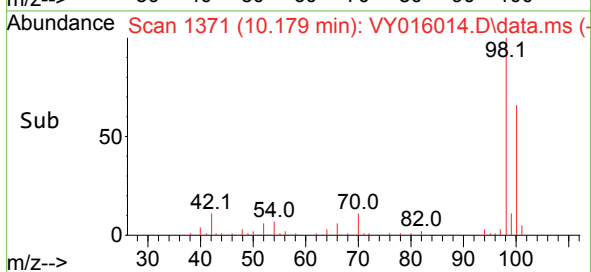
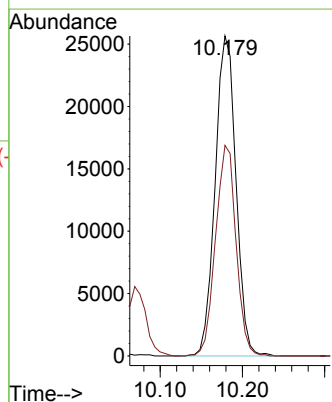
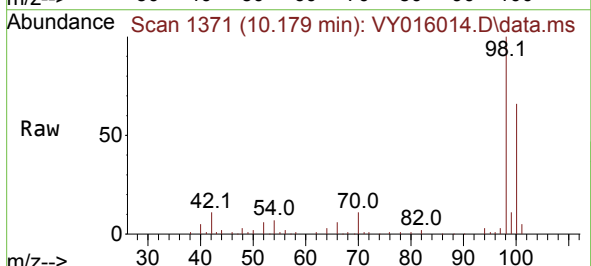
Acq: 18 Oct 2023 11:32

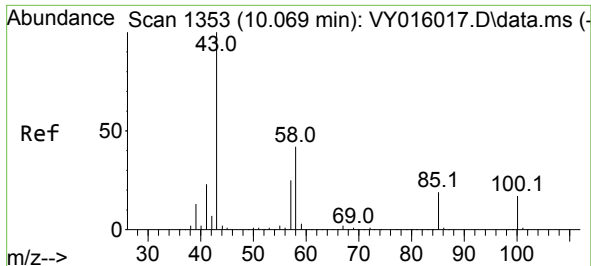
Tgt Ion: 98 Resp: 45054

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 21.705 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

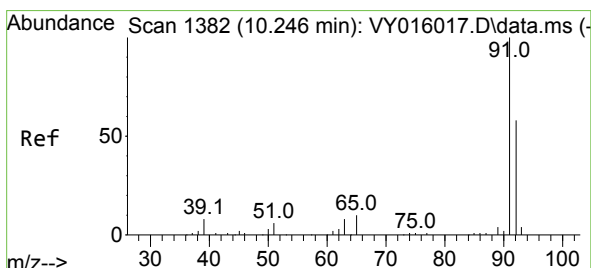
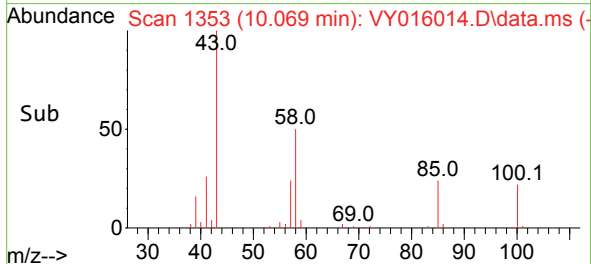
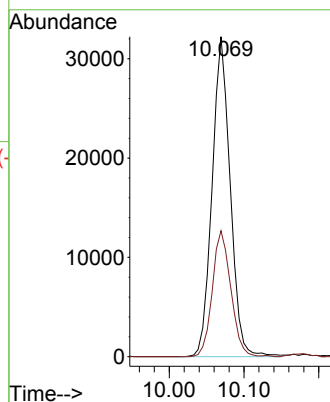
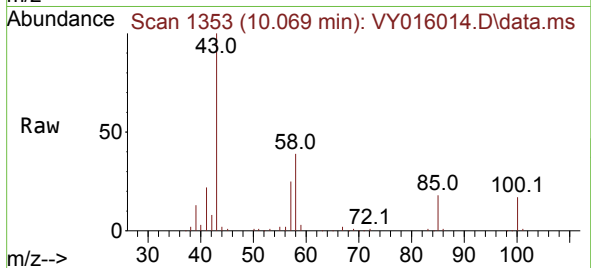
ClientSampleId :

Tgt Ion: 43 Resp: 54239

Ion Ratio Lower Upper

43 100

58 40.3 29.0 43.6



#52

Toluene

Concen: 4.952 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY016014.D

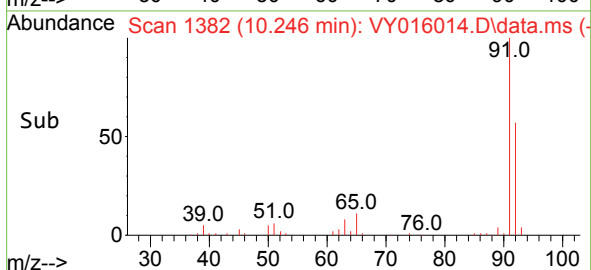
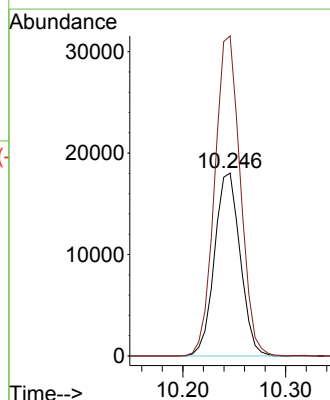
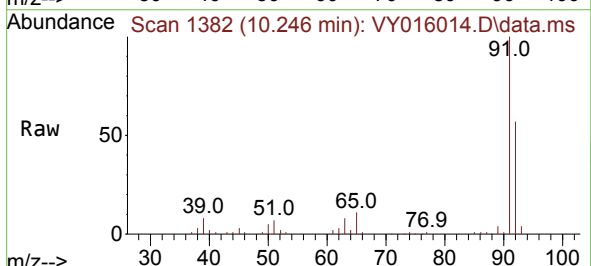
Acq: 18 Oct 2023 11:32

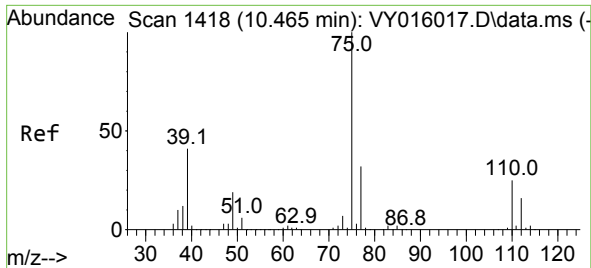
Tgt Ion: 92 Resp: 31217

Ion Ratio Lower Upper

92 100

91 174.7 143.8 215.6

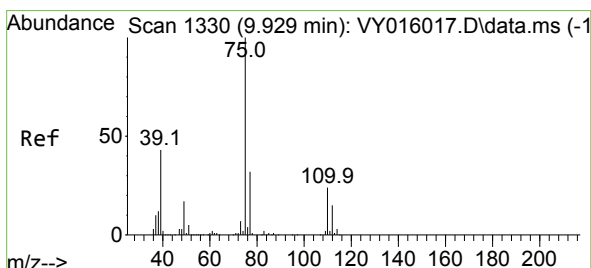
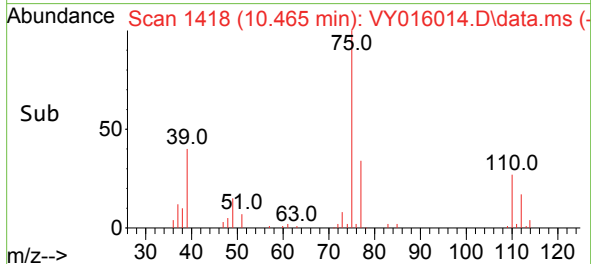
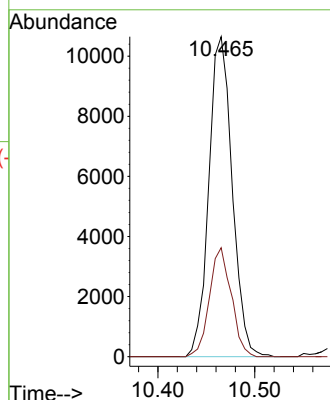
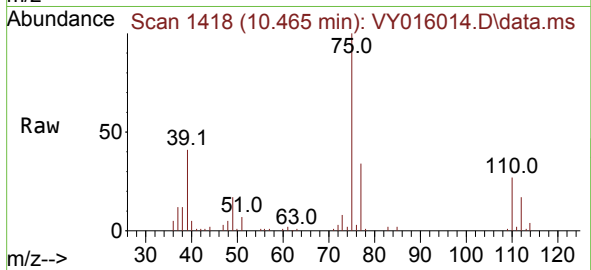




#53
 t-1,3-Dichloropropene
 Concen: 4.670 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY016014.D
 Acq: 18 Oct 2023 11:32

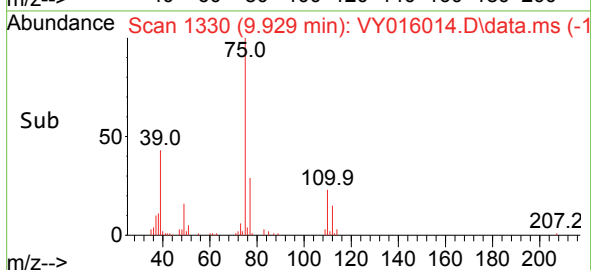
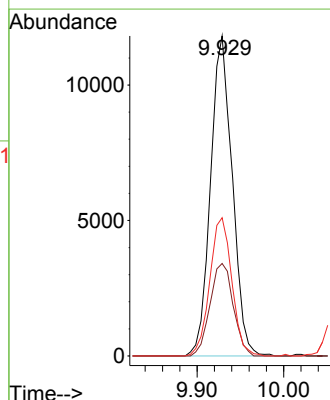
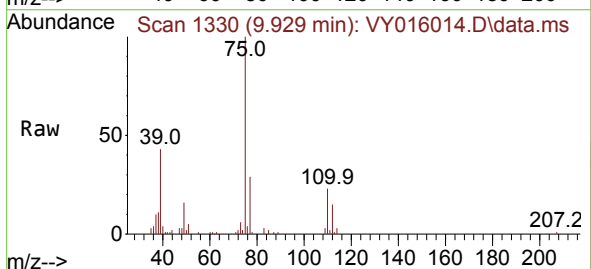
Instrument :
 MSVOA_Y
 ClientSampleId :

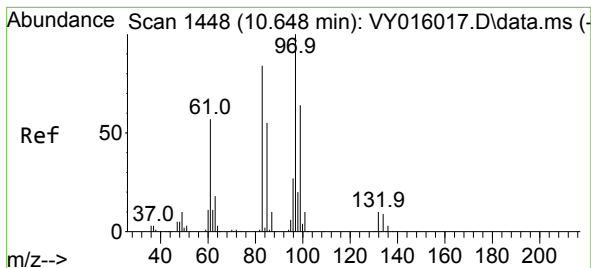
Tgt Ion: 75 Resp: 17904
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 4.920 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY016014.D
 Acq: 18 Oct 2023 11:32

Tgt Ion: 75 Resp: 20558
 Ion Ratio Lower Upper
 75 100
 77 28.9 24.2 36.4
 39 43.2 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 4.812 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 10674

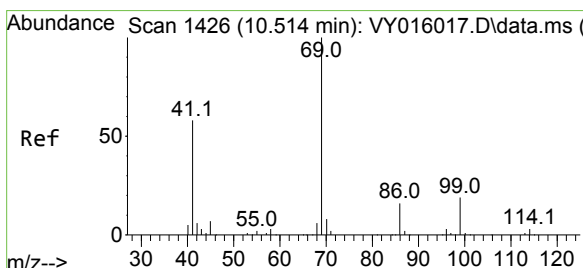
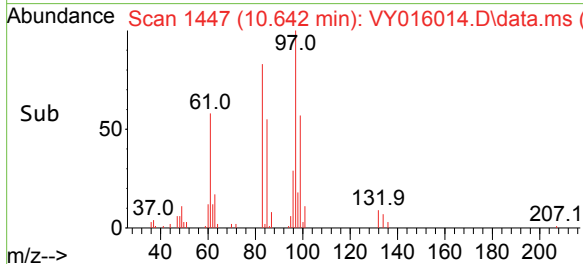
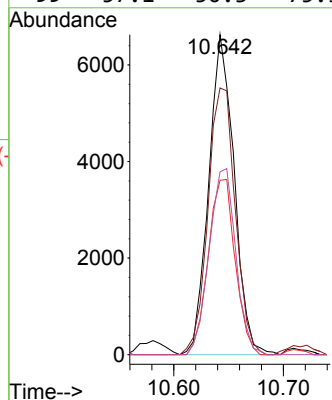
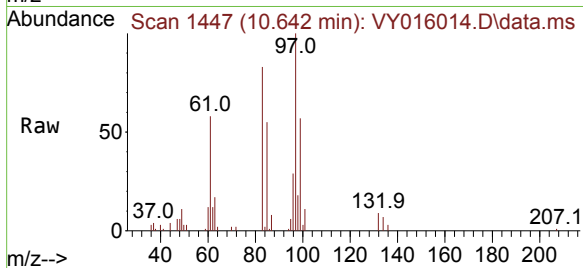
Ion Ratio Lower Upper

97 100

83 83.3 72.0 108.0

85 54.5 45.4 68.0

99 57.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 4.282 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

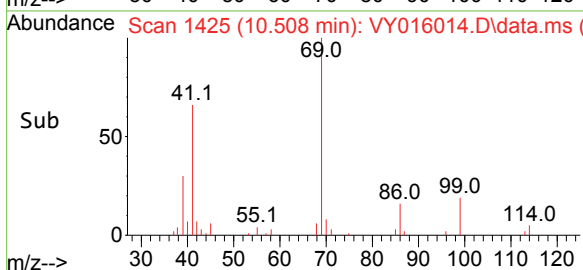
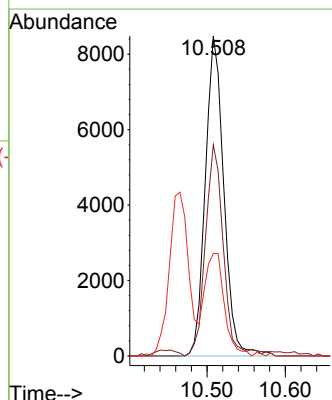
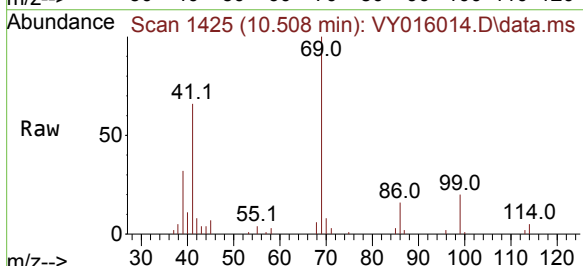
Tgt Ion: 69 Resp: 13881

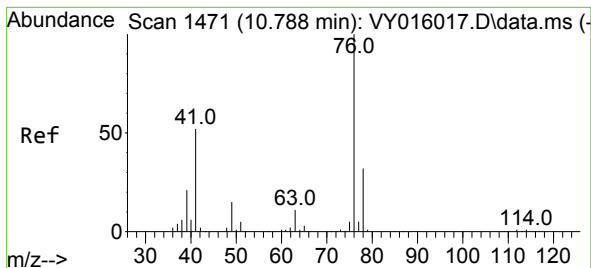
Ion Ratio Lower Upper

69 100

41 66.6 57.6 86.4

39 33.5 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 4.793 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

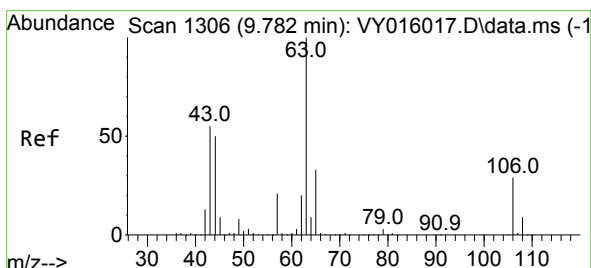
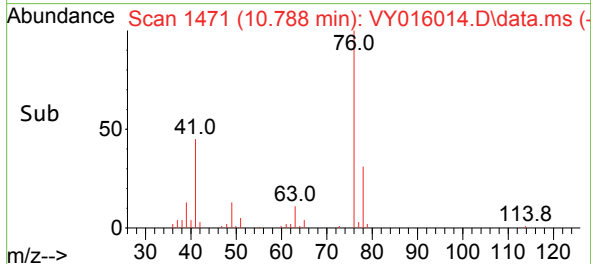
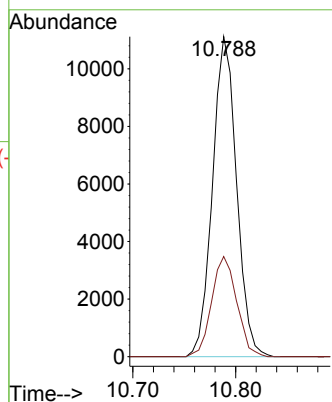
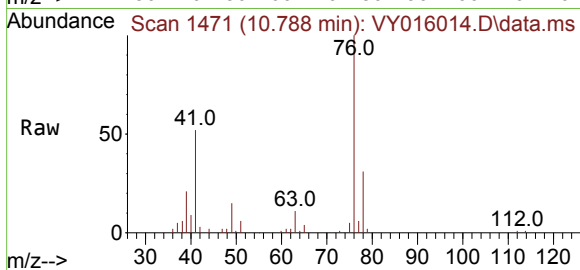
ClientSampleId :

Tgt Ion: 76 Resp: 18037

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 20.655 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY016014.D

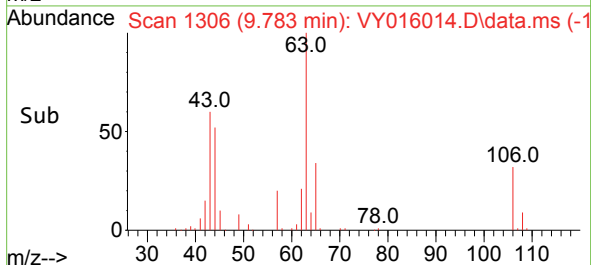
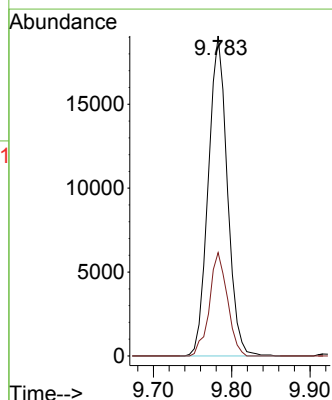
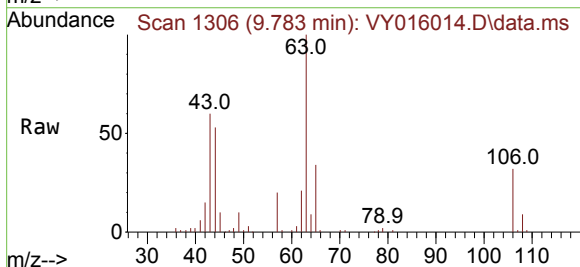
Acq: 18 Oct 2023 11:32

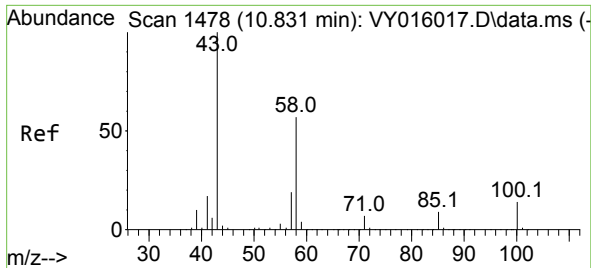
Tgt Ion: 63 Resp: 32162

Ion Ratio Lower Upper

63 100

106 30.6 21.2 31.8

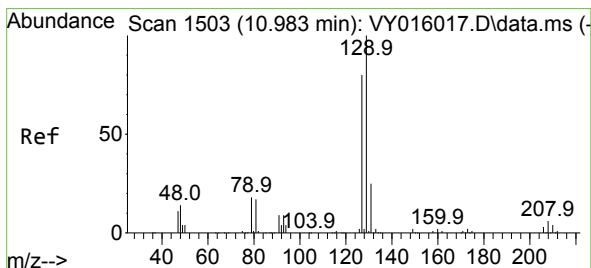
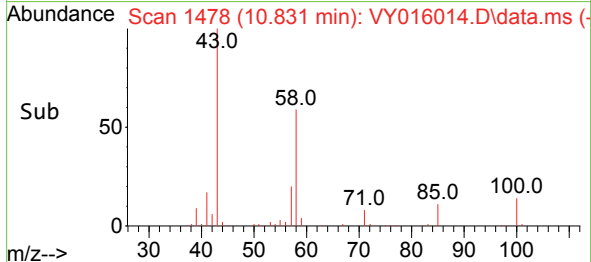
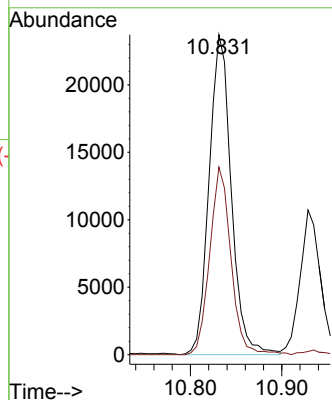
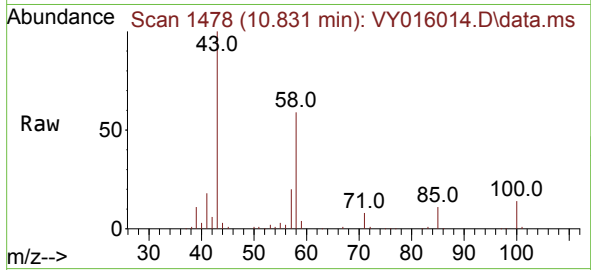




#59
2-Hexanone
Concen: 20.980 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

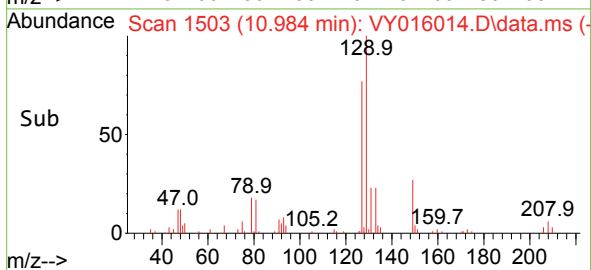
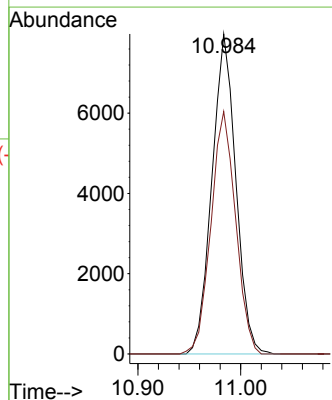
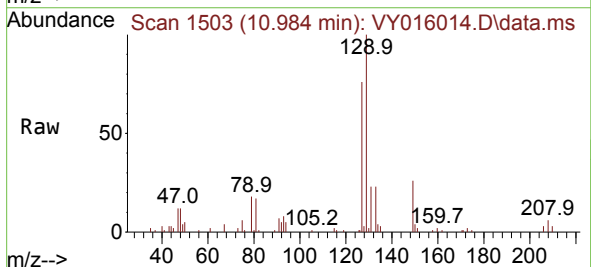
Instrument :
MSVOA_Y
ClientSampleId :

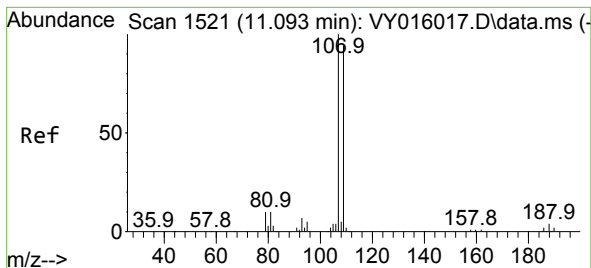
Tgt Ion: 43 Resp: 39889
Ion Ratio Lower Upper
43 100
58 56.1 25.1 75.3



#60
Dibromochloromethane
Concen: 4.790 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 129 Resp: 12850
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

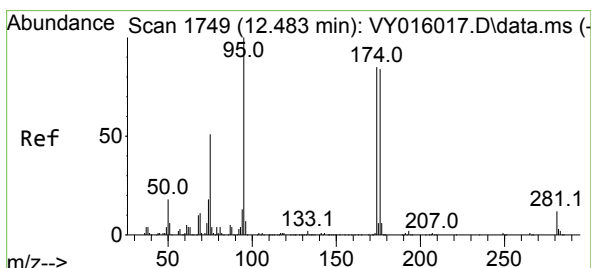
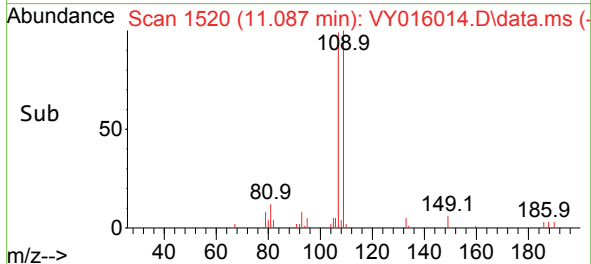
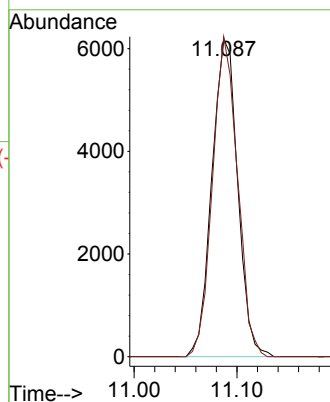
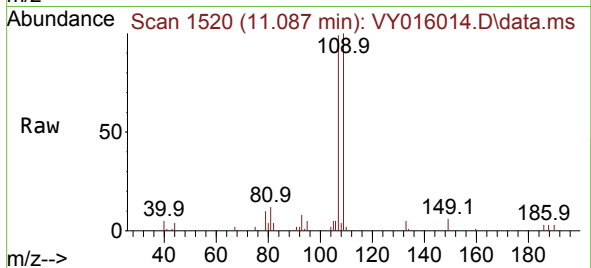




#61
1,2-Dibromoethane
Concen: 4.765 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

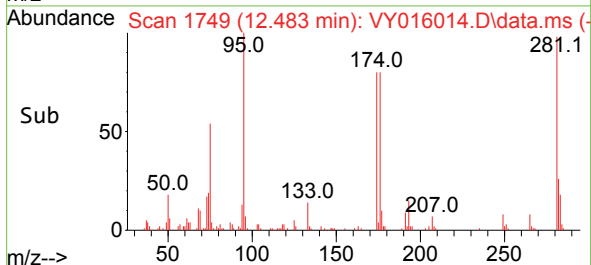
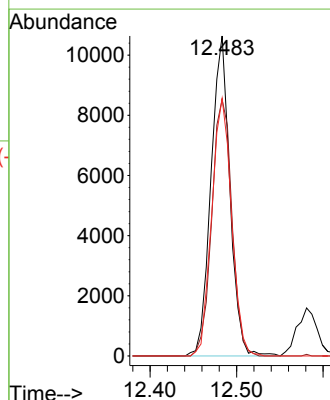
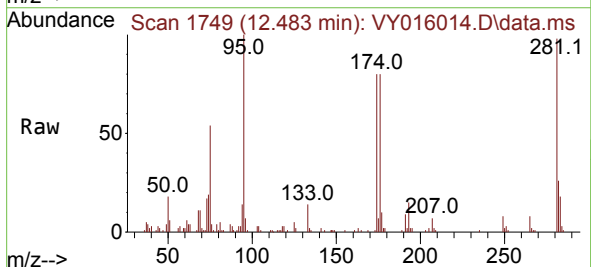
Instrument :
MSVOA_Y
ClientSampleId :

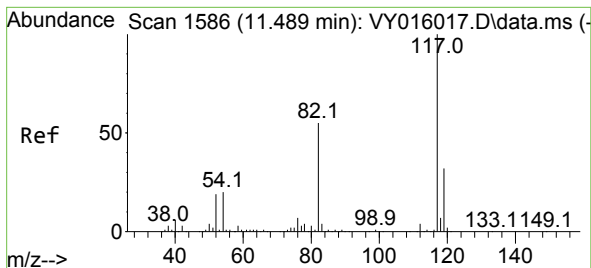
Tgt Ion:107 Resp: 10758
Ion Ratio Lower Upper
107 100
109 97.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 5.416 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 95 Resp: 16086
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 84.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

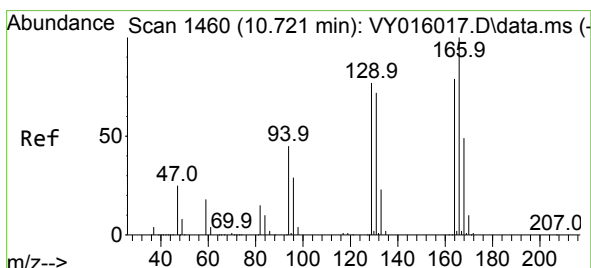
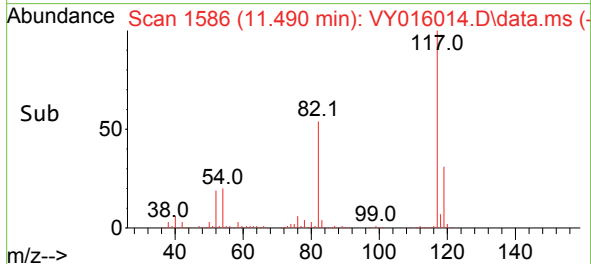
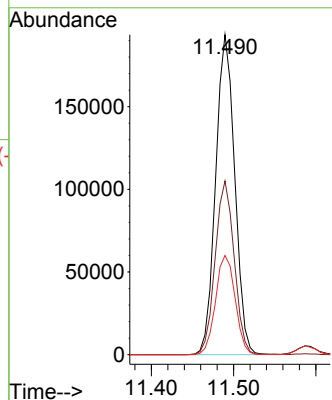
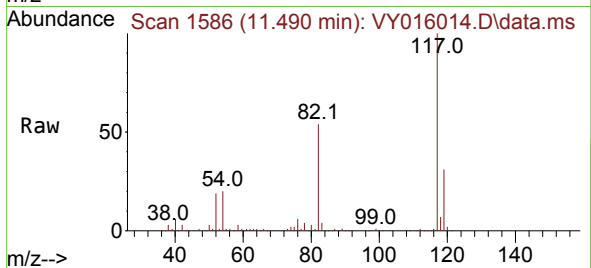
Tgt Ion:117 Resp: 311648

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 31.0 26.3 39.5



#64

Tetrachloroethene

Concen: 5.140 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Tgt Ion:164 Resp: 12422

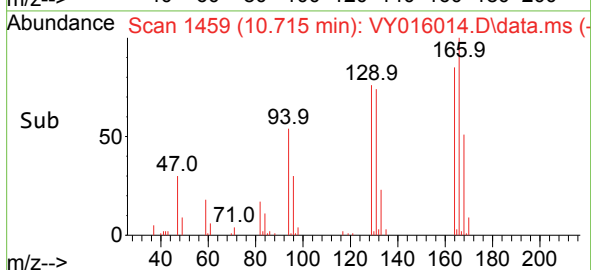
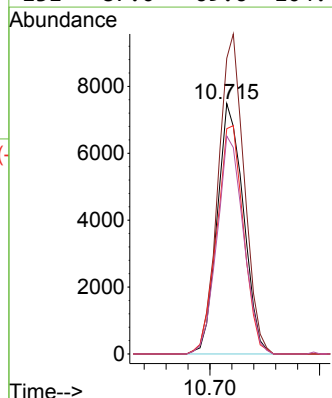
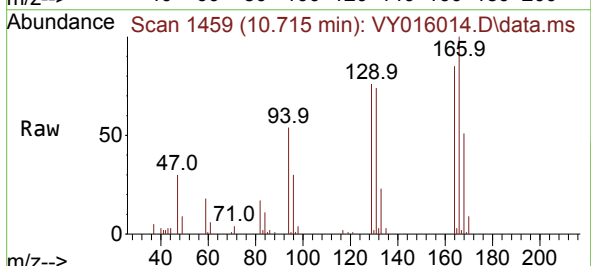
Ion Ratio Lower Upper

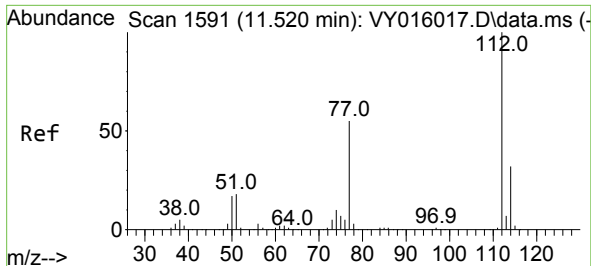
164 100

166 118.1 103.0 154.6

129 90.0 77.2 115.8

131 87.0 69.6 104.4

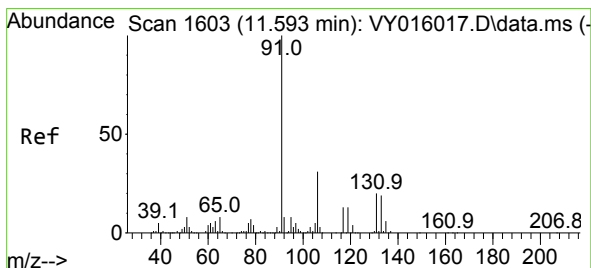
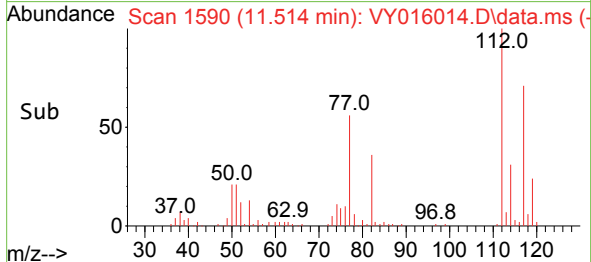
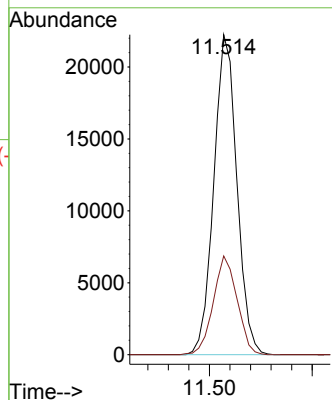
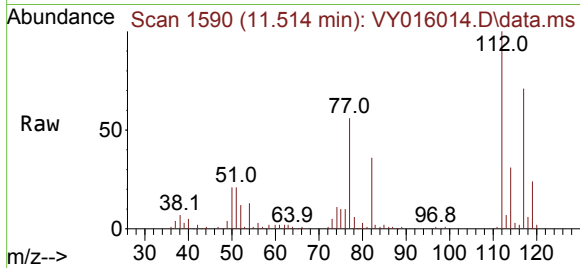




#65
Chlorobenzene
Concen: 5.124 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

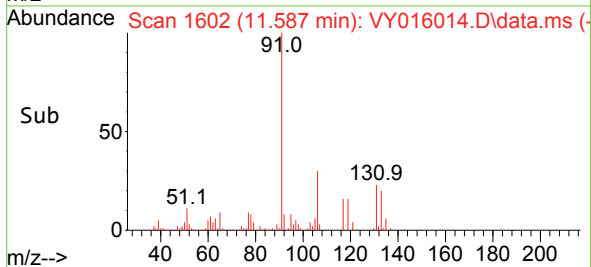
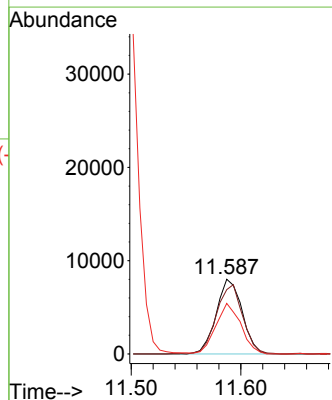
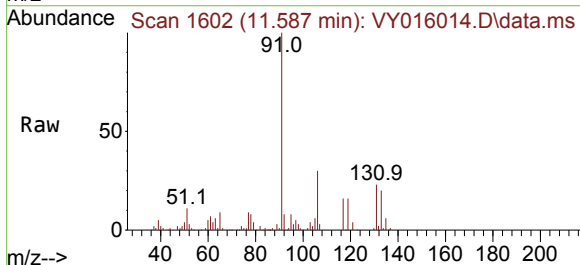
Instrument :
MSVOA_Y
ClientSampleId :

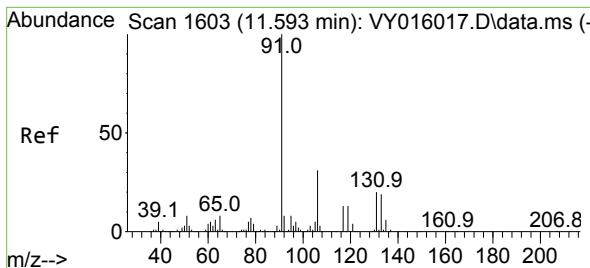
Tgt Ion:112 Resp: 34581
Ion Ratio Lower Upper
112 100
114 30.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 5.150 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion:131 Resp: 13101
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.6
119 65.5 31.6 94.7





#67

Ethyl Benzene

Concen: 5.025 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

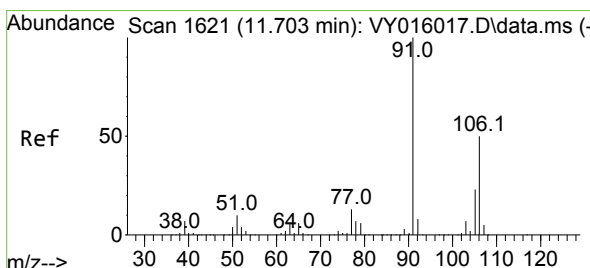
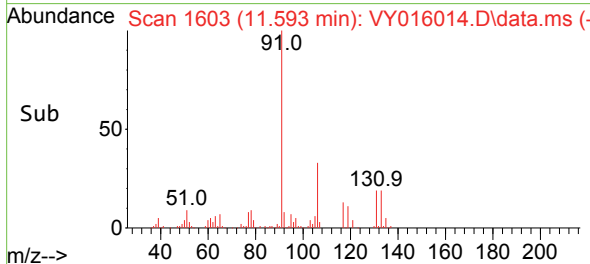
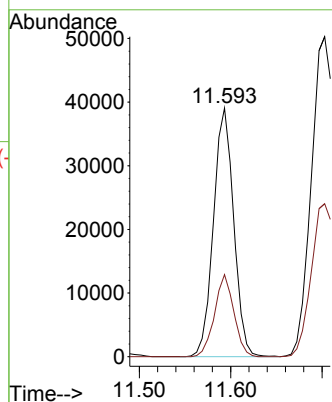
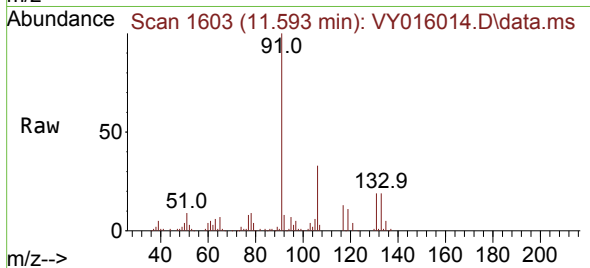
ClientSampleId :

Tgt Ion: 91 Resp: 60017

Ion Ratio Lower Upper

91 100

106 33.0 24.6 36.8



#68

m/p-Xylenes

Concen: 9.939 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY016014.D

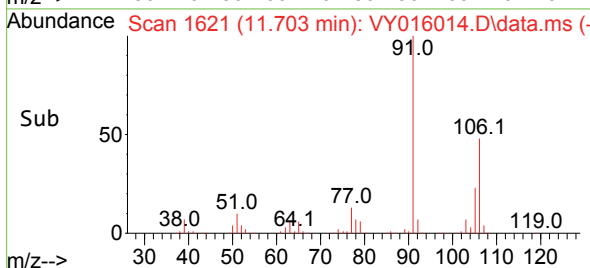
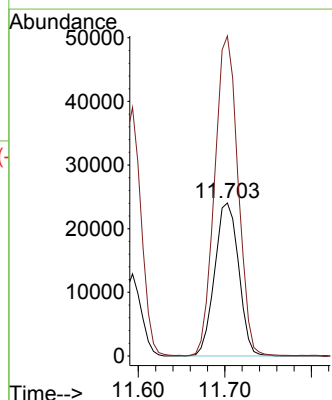
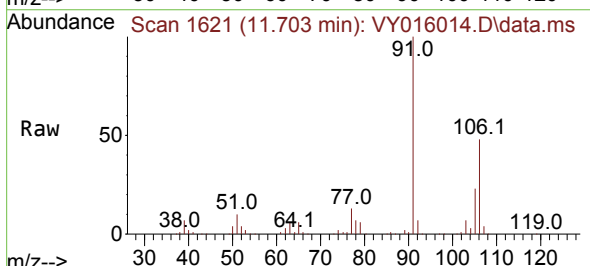
Acq: 18 Oct 2023 11:32

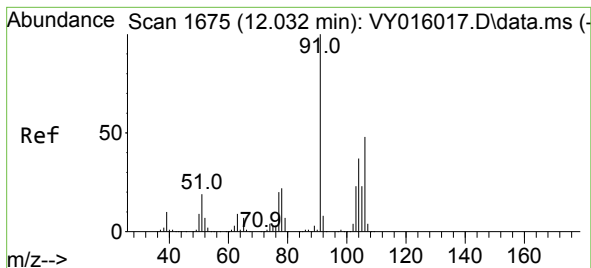
Tgt Ion:106 Resp: 46286

Ion Ratio Lower Upper

106 100

91 204.3 166.1 249.1





#69

o-Xylene

Concen: 4.926 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

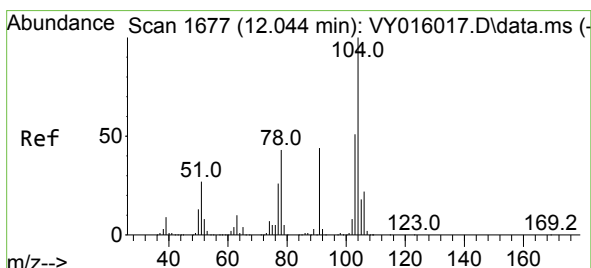
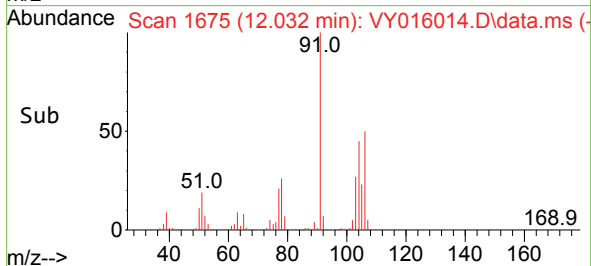
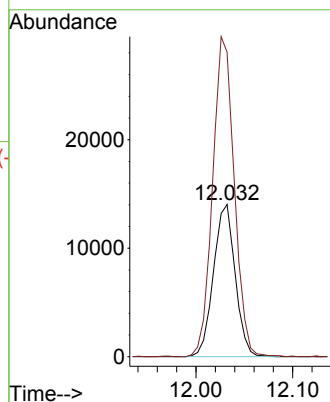
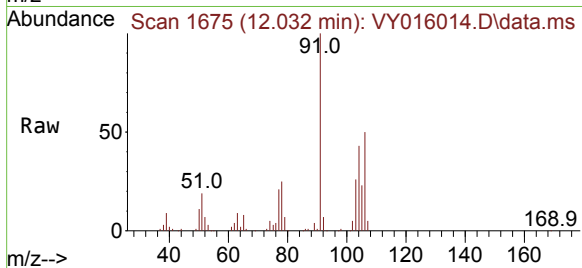
ClientSampleId :

Tgt Ion:106 Resp: 21824

Ion Ratio Lower Upper

106 100

91 210.2 108.1 324.3



#70

Styrene

Concen: 4.829 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

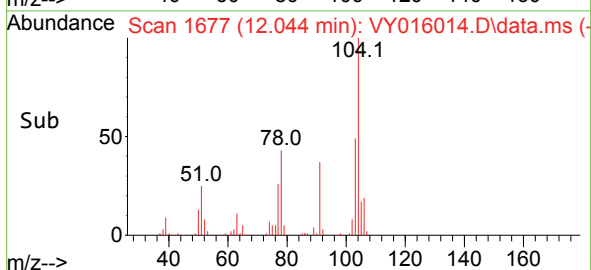
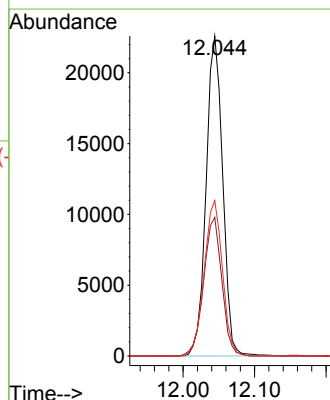
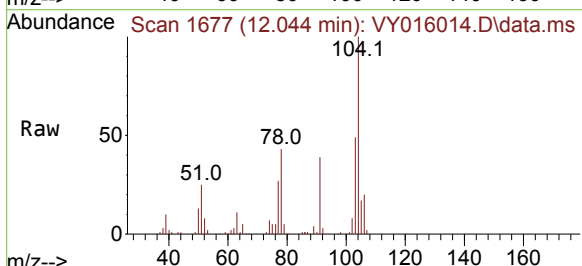
Tgt Ion:104 Resp: 36462

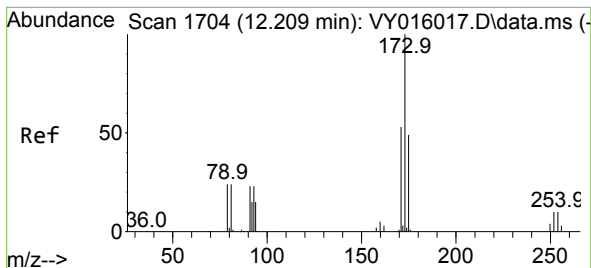
Ion Ratio Lower Upper

104 100

78 47.4 41.5 62.3

103 53.5 44.6 67.0





#71

Bromoform

Concen: 4.628 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

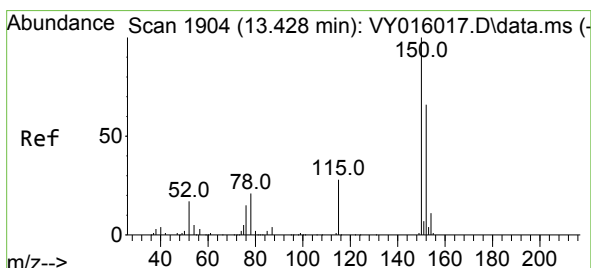
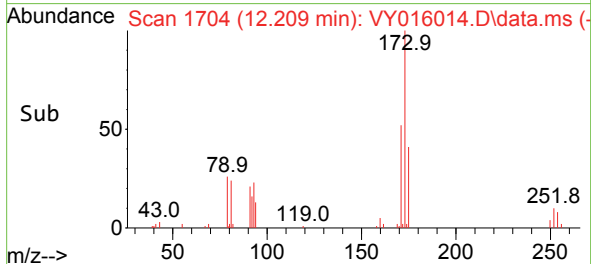
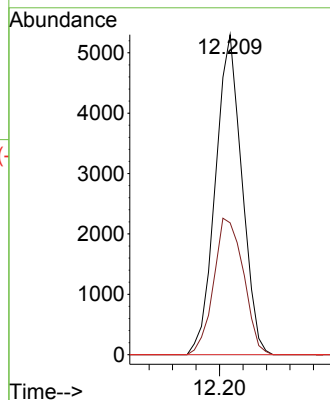
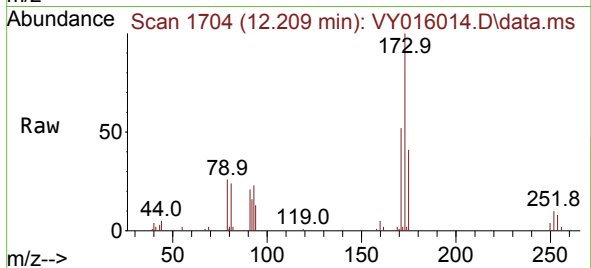
Tgt Ion:173 Resp: 8284

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

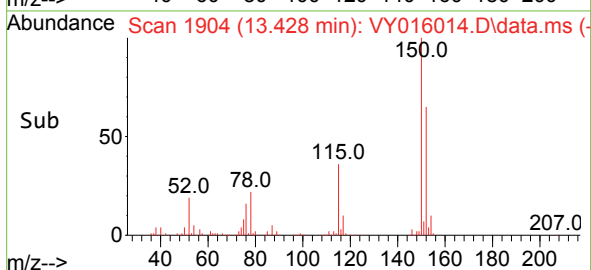
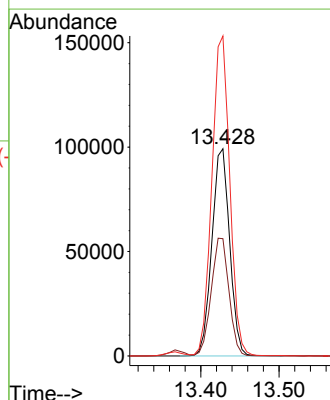
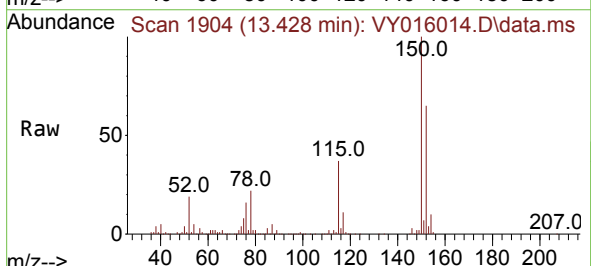
Tgt Ion:152 Resp: 156286

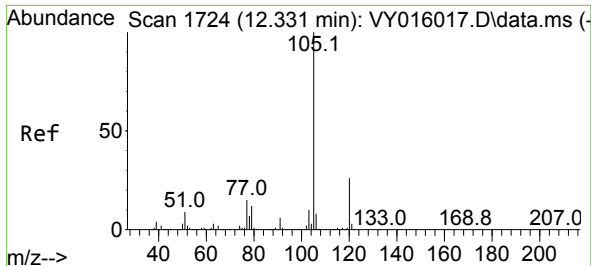
Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 155.1 0.0 348.8

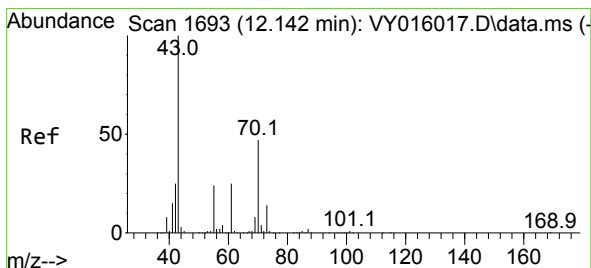
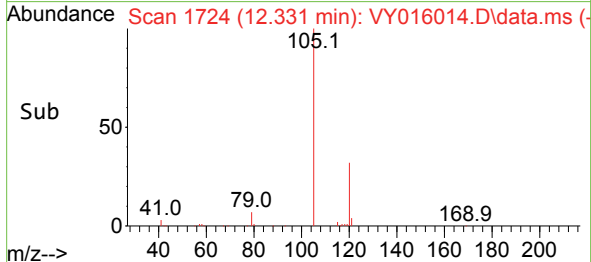
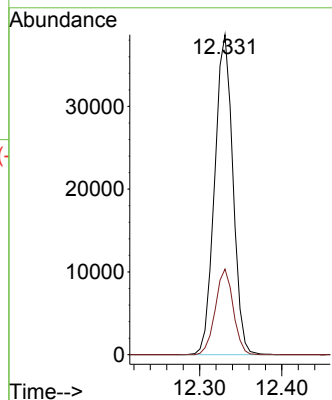
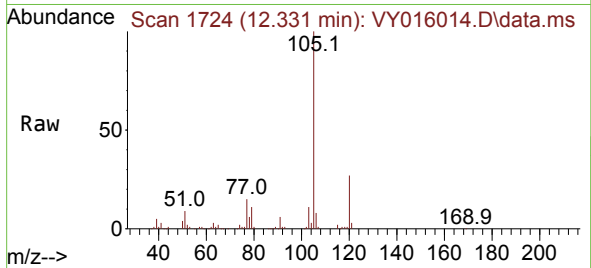




#73
Isopropylbenzene
Concen: 5.100 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

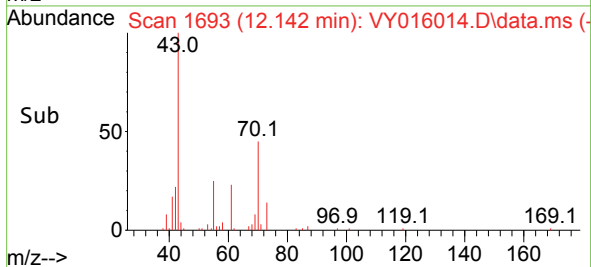
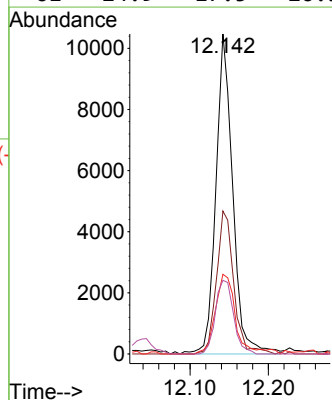
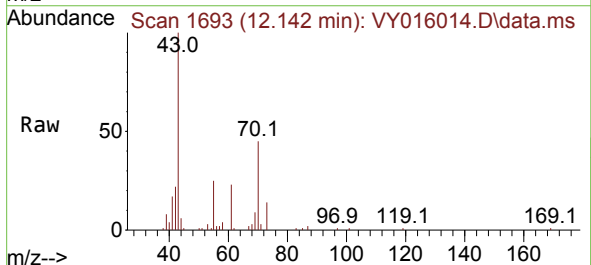
Instrument :
MSVOA_Y
ClientSampleId :

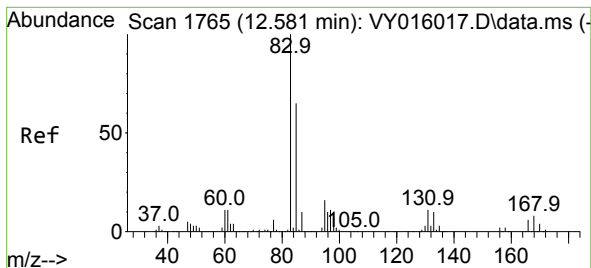
Tgt Ion:105 Resp: 59618
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9



#74
N-ethyl acetate
Concen: 4.235 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 43 Resp: 15639
Ion Ratio Lower Upper
43 100
70 45.8 29.7 44.5#
55 30.0 18.3 27.5#
61 24.9 17.5 26.3

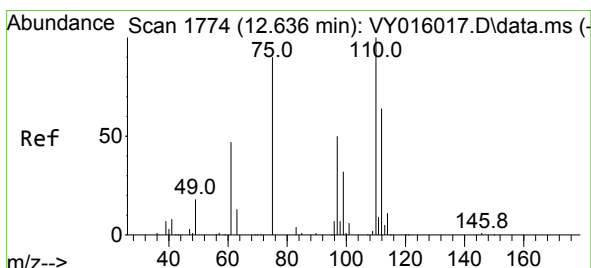
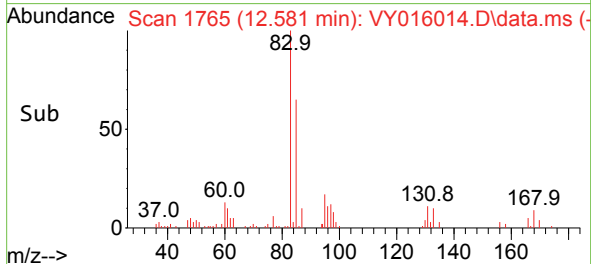
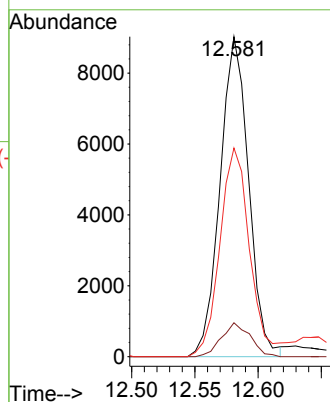
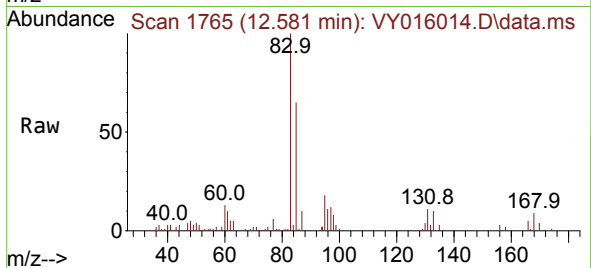




#75
1,1,2,2-Tetrachloroethane
Concen: 4.838 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

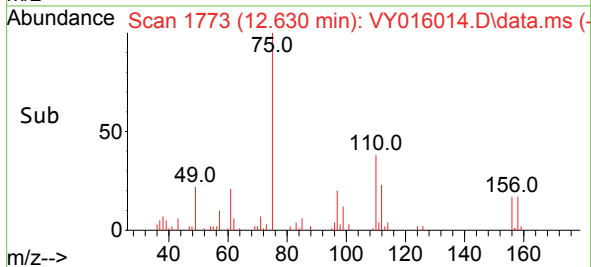
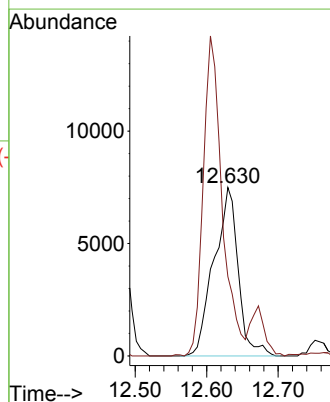
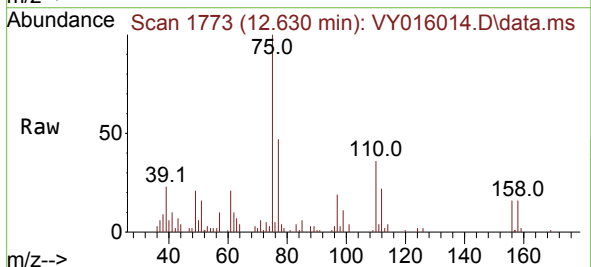
Instrument :
MSVOA_Y
ClientSampleId :

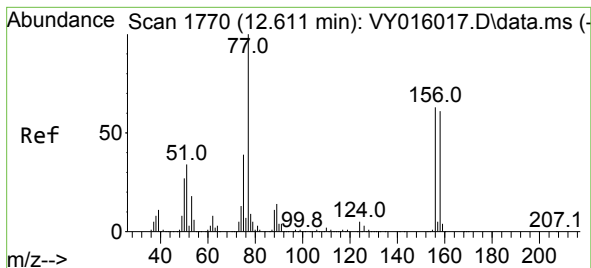
Tgt Ion: 83 Resp: 14165
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 68.0 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 8.004 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 75 Resp: 17646
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.140 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

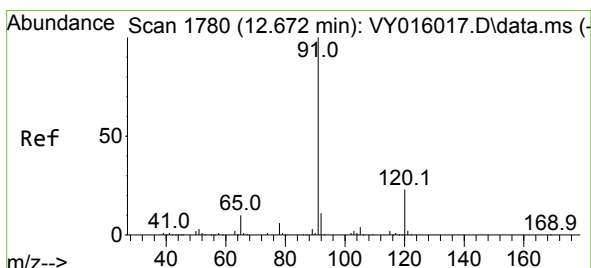
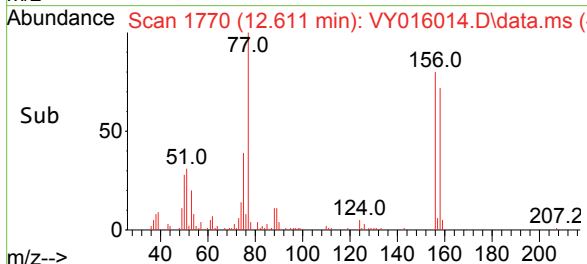
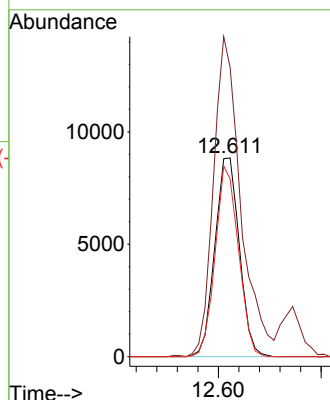
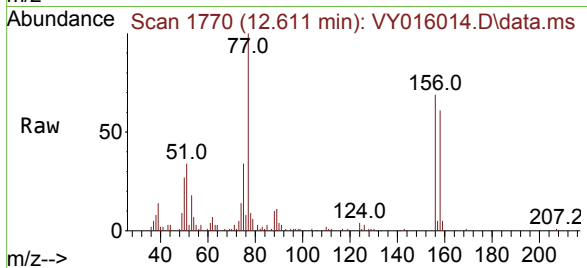
Tgt Ion:156 Resp: 14585

Ion Ratio Lower Upper

156 100

77 179.7 92.8 278.6

158 91.3 48.4 145.3



#78

n-propylbenzene

Concen: 5.088 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY016014.D

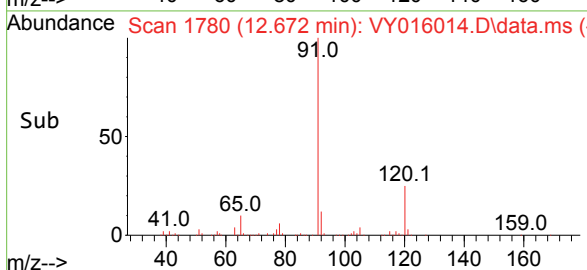
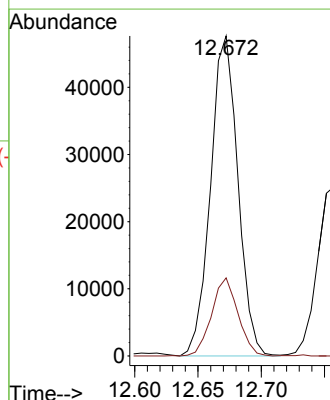
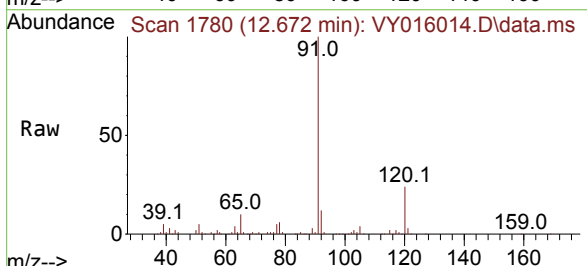
Acq: 18 Oct 2023 11:32

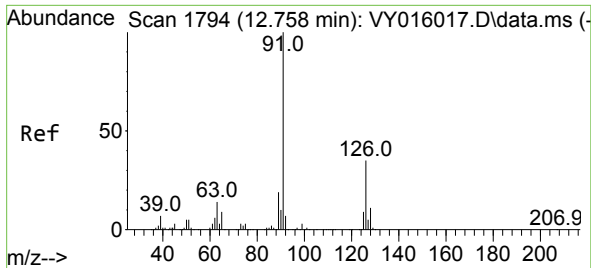
Tgt Ion: 91 Resp: 71648

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

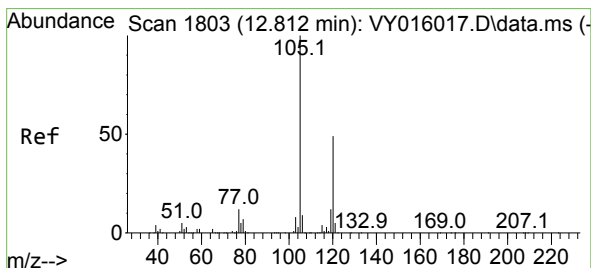
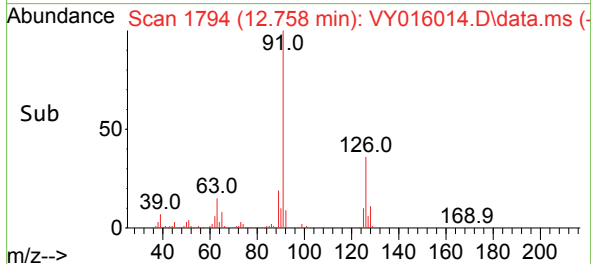
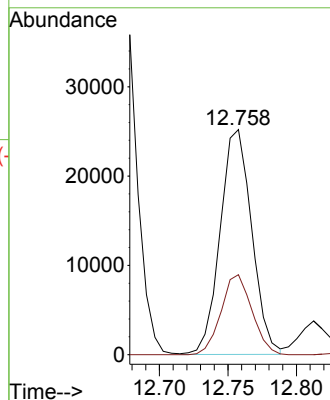
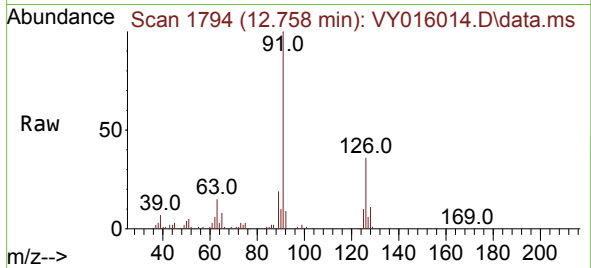




#79
2-Chlorotoluene
Concen: 5.116 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

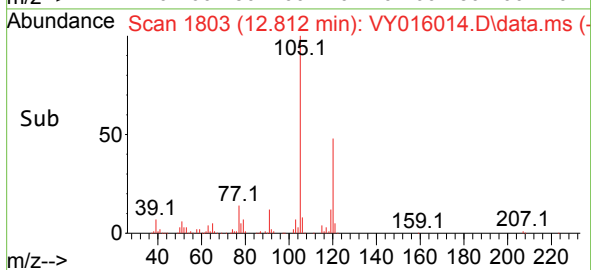
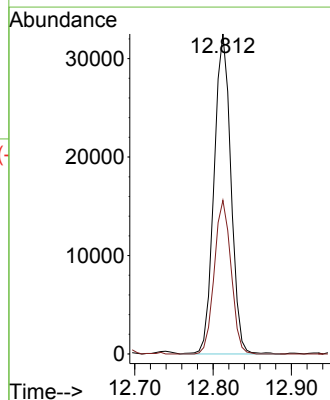
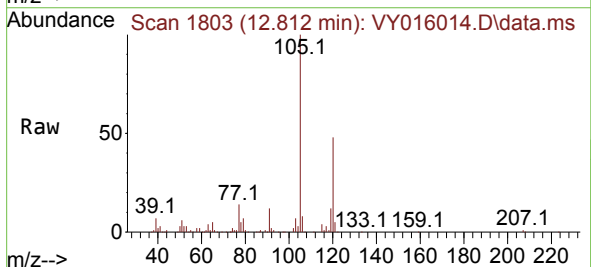
Instrument :
MSVOA_Y
ClientSampleId :

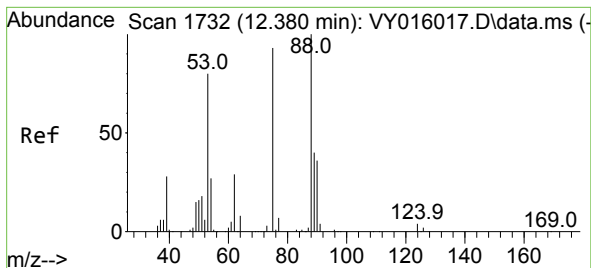
Tgt Ion: 91 Resp: 40434
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 5.013 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 105 Resp: 48544
Ion Ratio Lower Upper
105 100
120 47.6 23.9 71.7

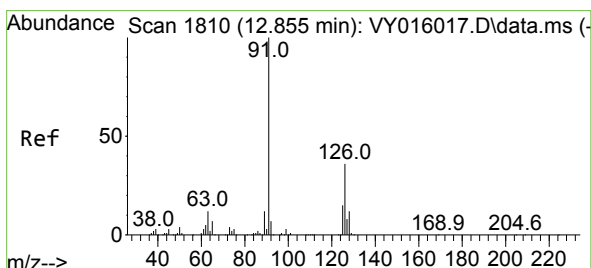
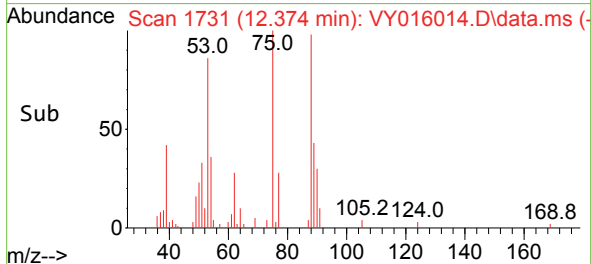
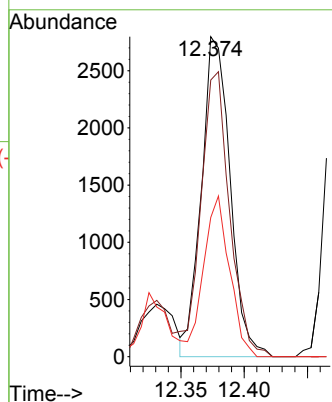
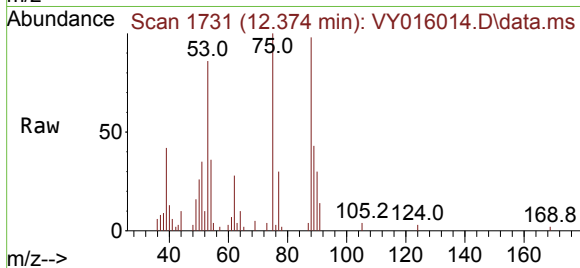




#81
trans-1,4-Dichloro-2-butene
Concen: 4.363 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

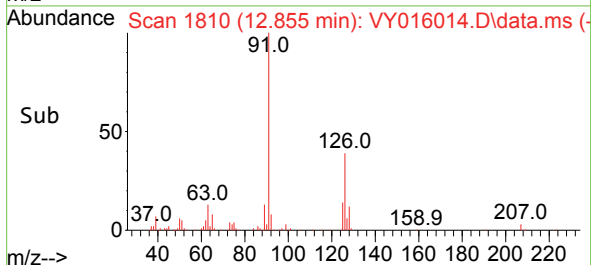
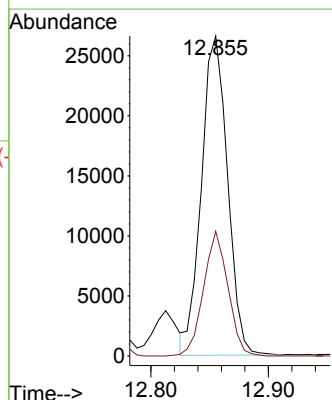
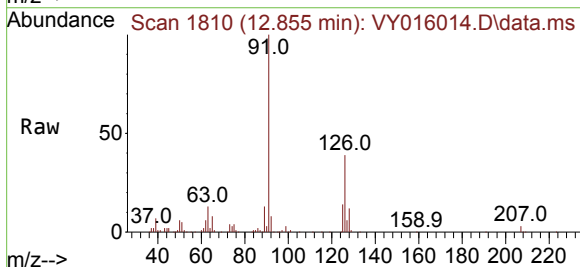
Instrument :
MSVOA_Y
ClientSampleId :

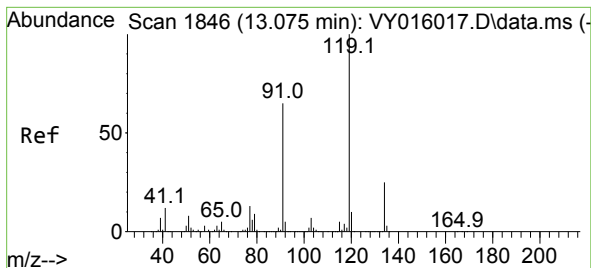
Tgt Ion: 75 Resp: 4423
Ion Ratio Lower Upper
75 100
53 90.2 77.8 116.8
89 44.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 4.980 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY016014.D
Acq: 18 Oct 2023 11:32

Tgt Ion: 91 Resp: 41076
Ion Ratio Lower Upper
91 100
126 36.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 5.081 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

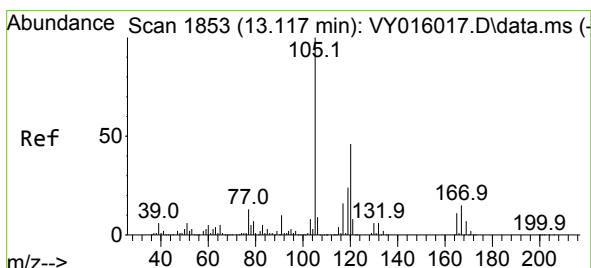
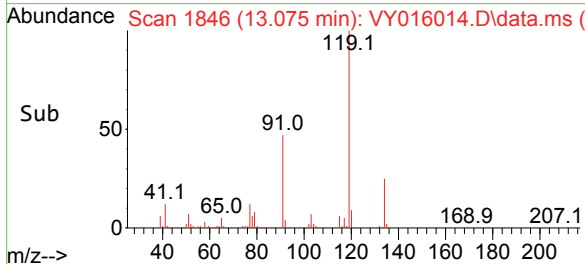
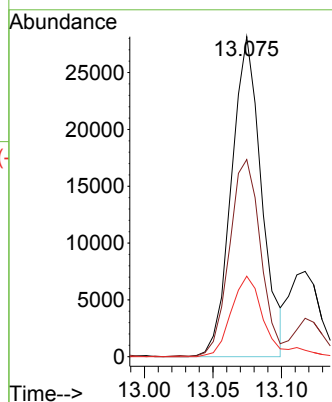
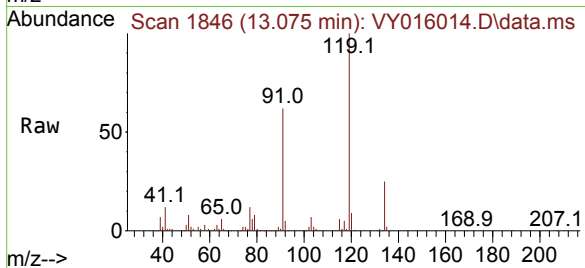
Tgt Ion:119 Resp: 43141

Ion Ratio Lower Upper

119 100

91 63.9 32.9 98.6

134 27.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 4.983 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY016014.D

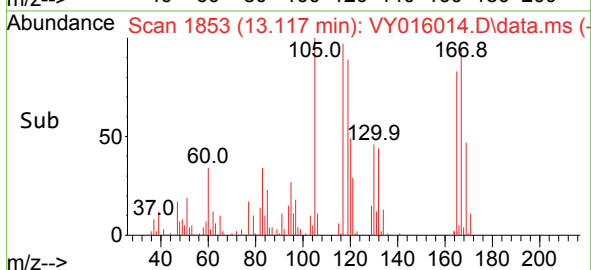
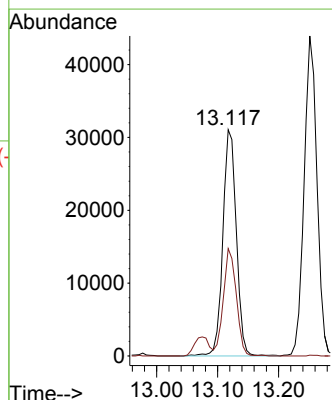
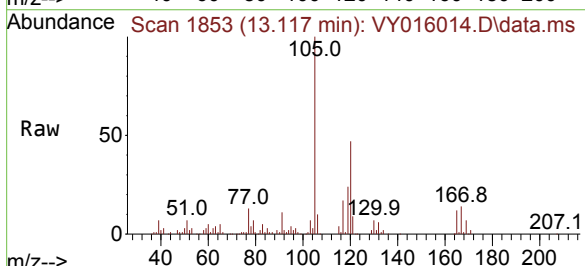
Acq: 18 Oct 2023 11:32

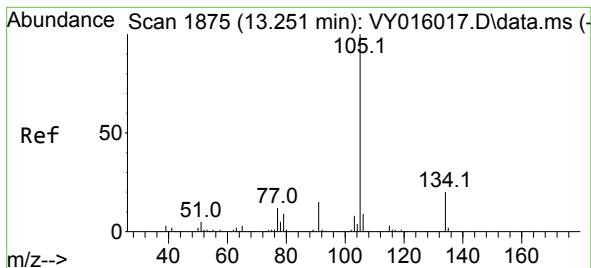
Tgt Ion:105 Resp: 47912

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 5.076 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

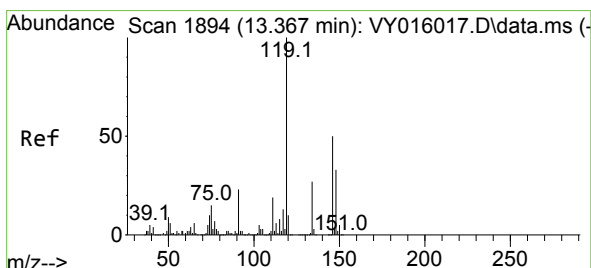
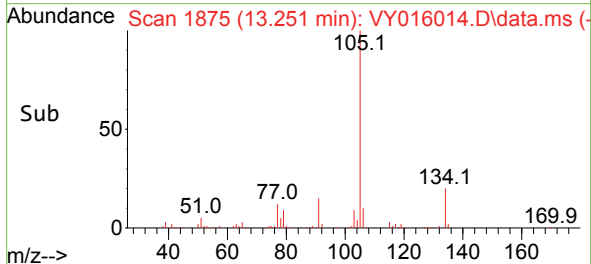
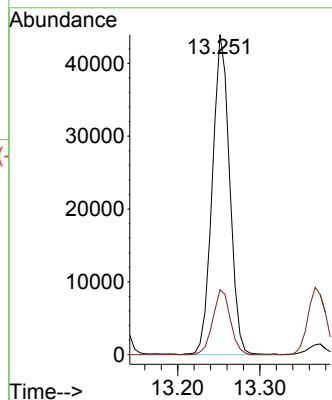
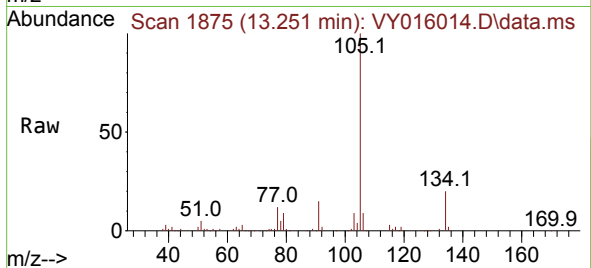
ClientSampleId :

Tgt Ion:105 Resp: 64371

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 5.017 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

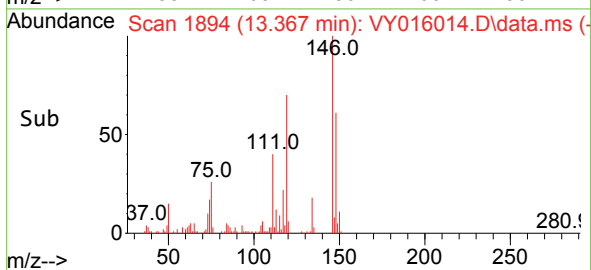
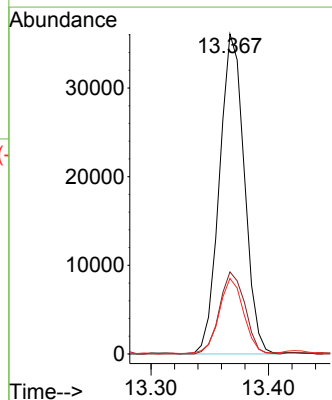
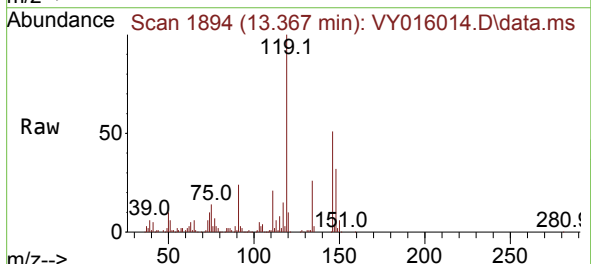
Tgt Ion:119 Resp: 53165

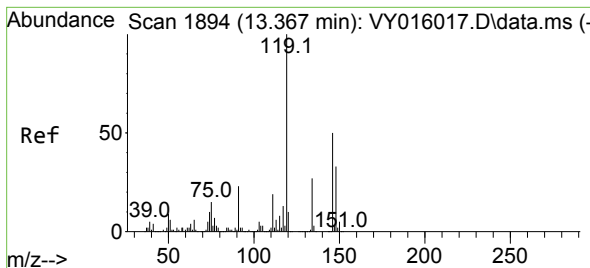
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 5.112 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

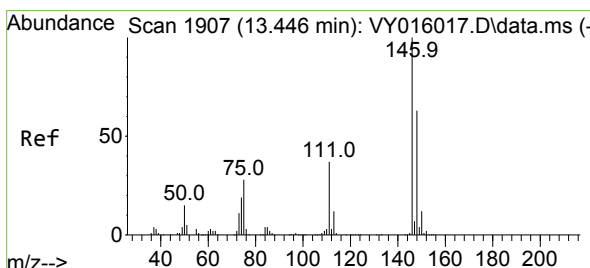
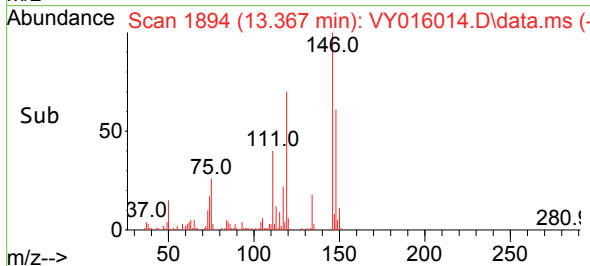
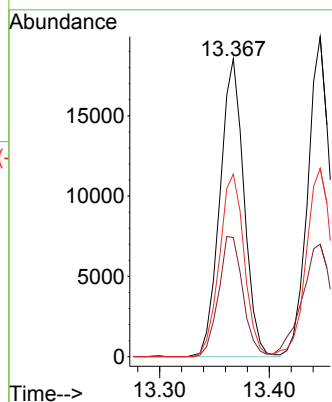
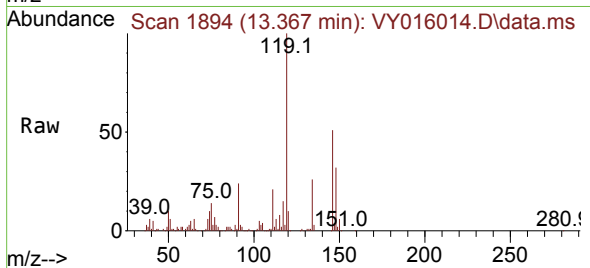
Tgt Ion:146 Resp: 28224

Ion Ratio Lower Upper

146 100

111 40.7 19.4 58.2

148 63.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 5.149 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

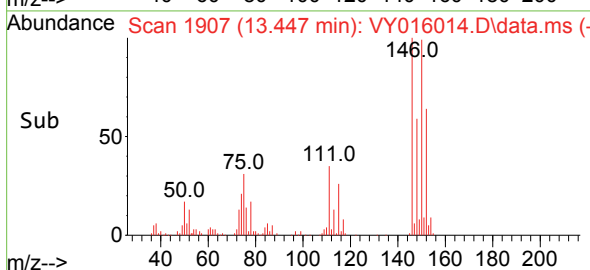
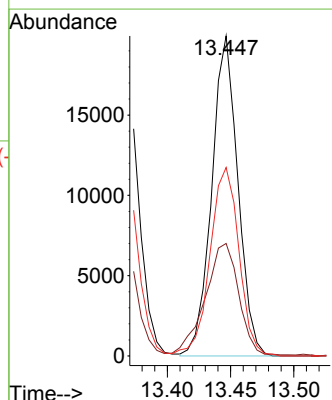
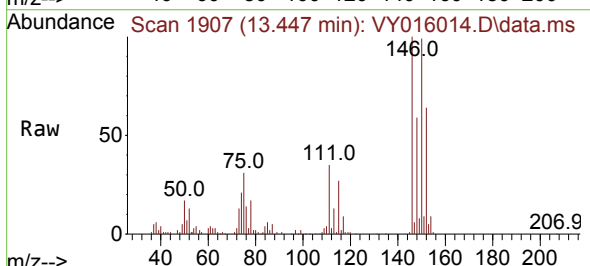
Tgt Ion:146 Resp: 28622

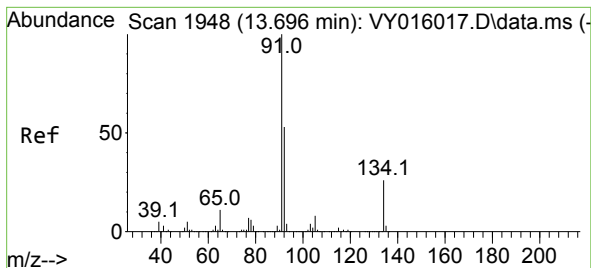
Ion Ratio Lower Upper

146 100

111 44.9 18.9 56.7

148 65.3 32.1 96.5





#89

n-Butylbenzene

Concen: 5.039 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

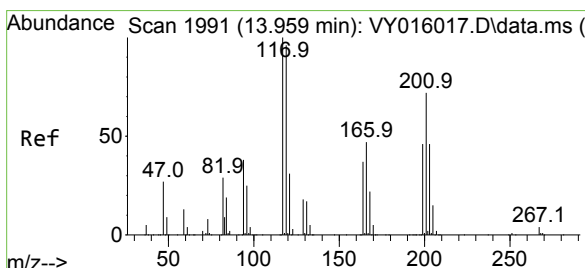
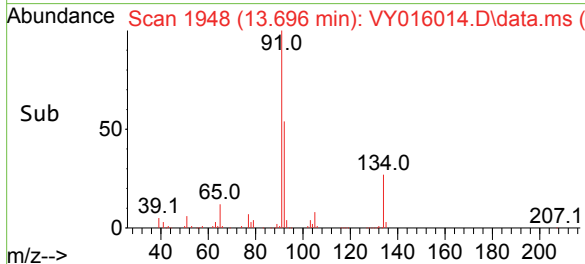
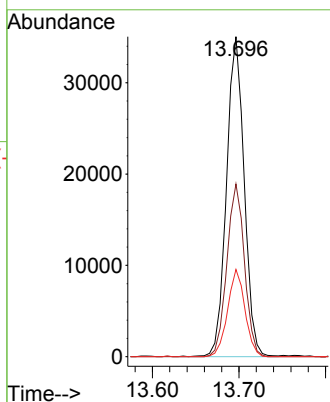
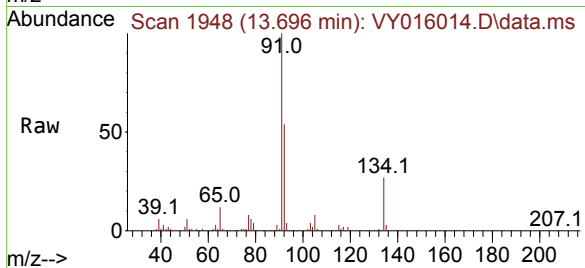
Tgt Ion: 91 Resp: 49718

Ion Ratio Lower Upper

91 100

92 53.6 25.4 76.0

134 26.8 12.6 37.6



#90

Hexachloroethane

Concen: 5.068 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY016014.D

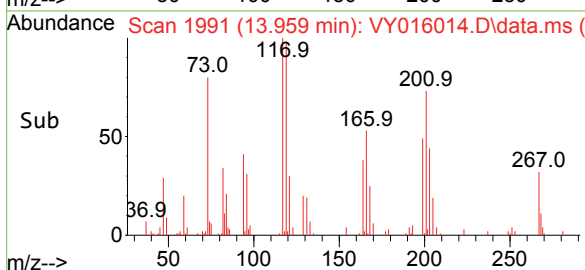
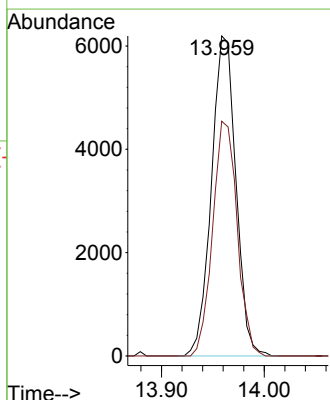
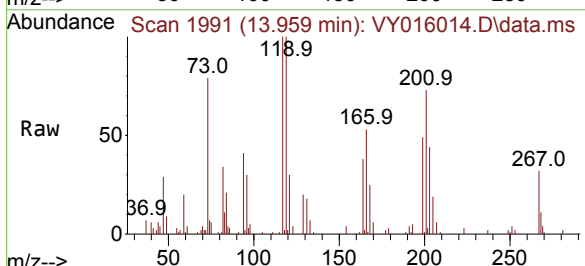
Acq: 18 Oct 2023 11:32

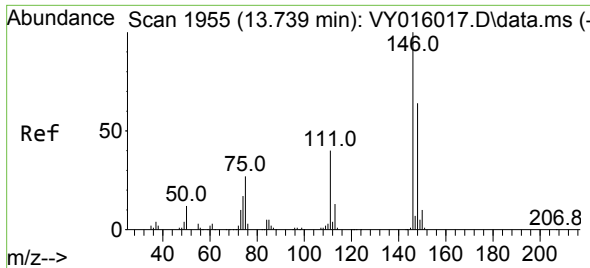
Tgt Ion: 117 Resp: 10239

Ion Ratio Lower Upper

117 100

201 73.4 41.6 124.8

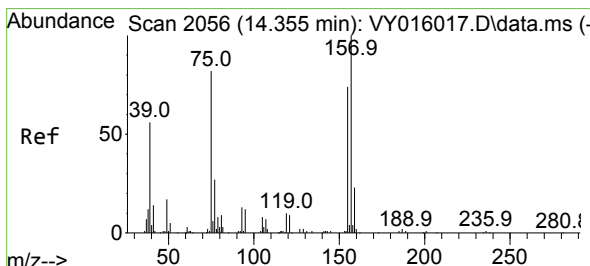
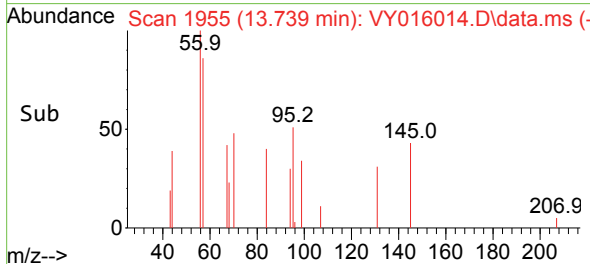
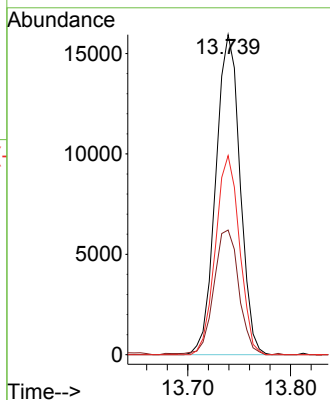
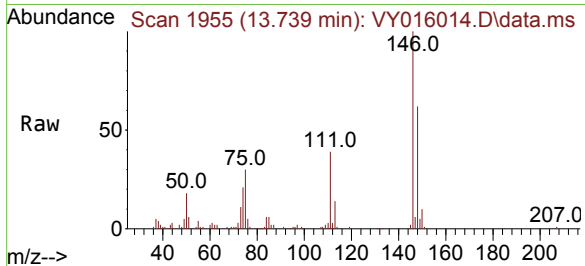




#91
 1,2-Dichlorobenzene
 Concen: 5.146 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY016014.D
 Acq: 18 Oct 2023 11:32

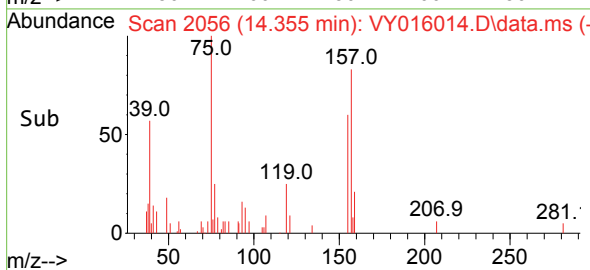
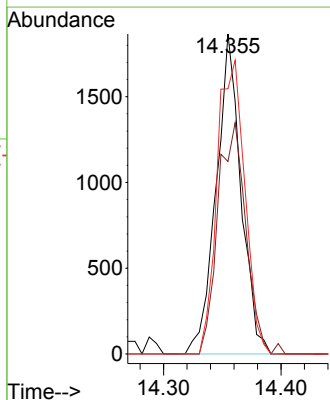
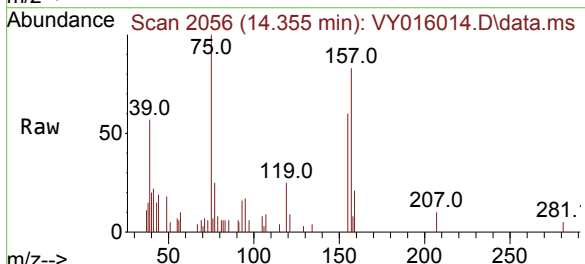
Instrument :
 MSVOA_Y
 ClientSampleId :

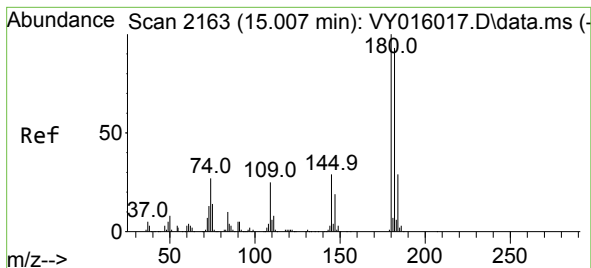
Tgt Ion:	146	Resp:	26086
Ion Ratio	Lower	Upper	
146	100		
111	40.3	19.7	59.0
148	61.6	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.914 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY016014.D
 Acq: 18 Oct 2023 11:32

Tgt Ion:	75	Resp:	2739
Ion Ratio	Lower	Upper	
75	100		
155	81.5	41.5	124.6
157	102.2	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 5.019 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

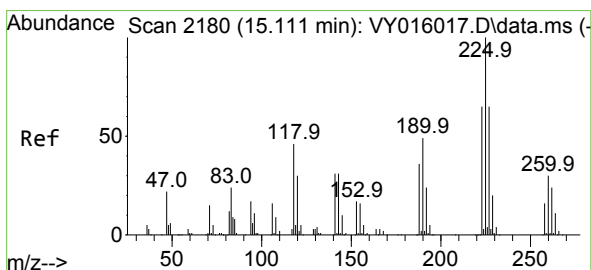
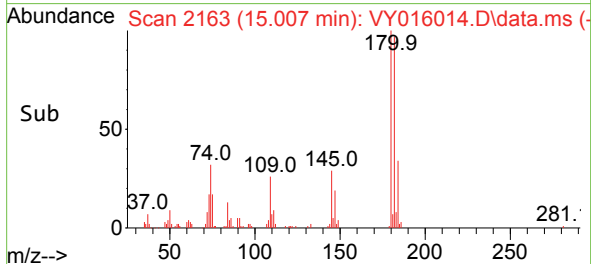
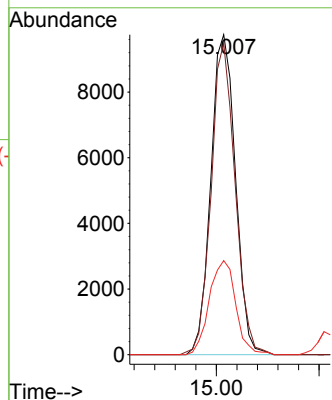
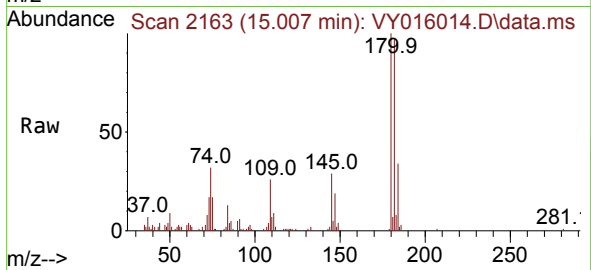
Tgt Ion:180 Resp: 16208

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 31.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 5.331 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

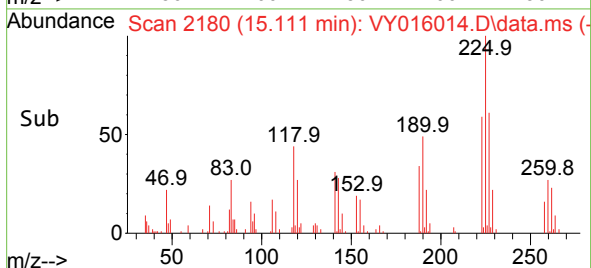
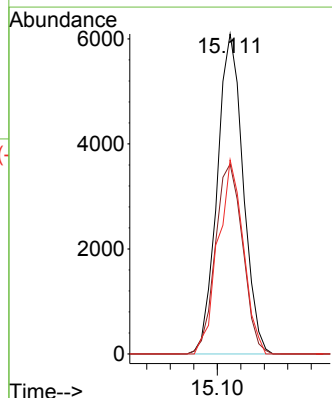
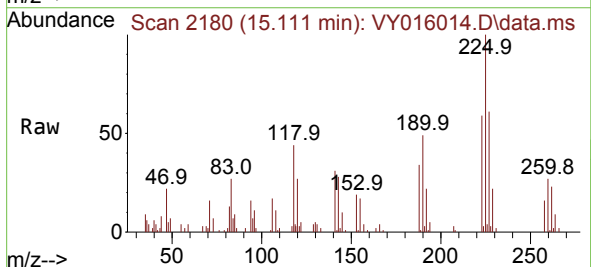
Tgt Ion:225 Resp: 9351

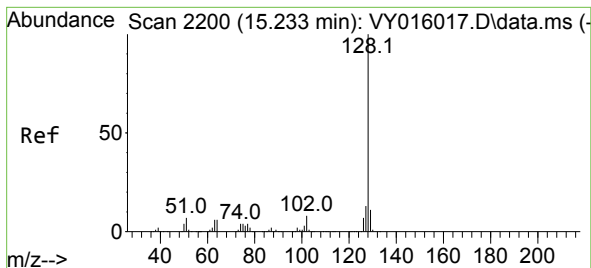
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

227 59.2 33.0 98.9





#95

Naphthalene

Concen: 4.744 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY016014.D

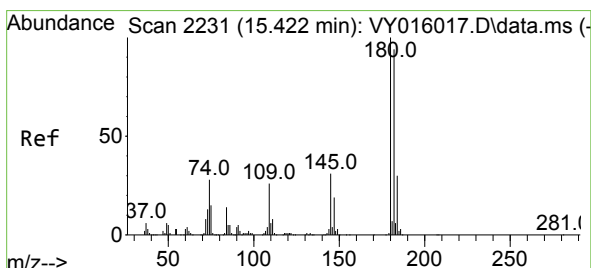
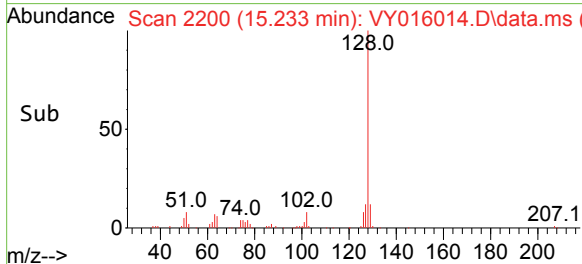
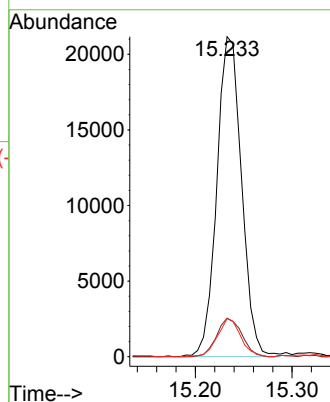
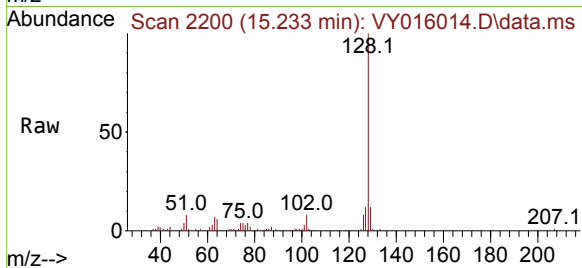
Acq: 18 Oct 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	37603
Ion Ratio	Lower	Upper
128	100	
127	12.2	10.8 16.2
129	11.2	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.955 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY016014.D

Acq: 18 Oct 2023 11:32

Tgt Ion:180	Resp:	14615
Ion Ratio	Lower	Upper
180	100	
182	94.2	47.3 141.8
145	33.0	15.4 46.2

