

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113023\
 Data File : VY016547.D
 Acq On : 30 Nov 2023 12:03
 Operator : SY/MD
 Sample : 05577-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 00:58:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

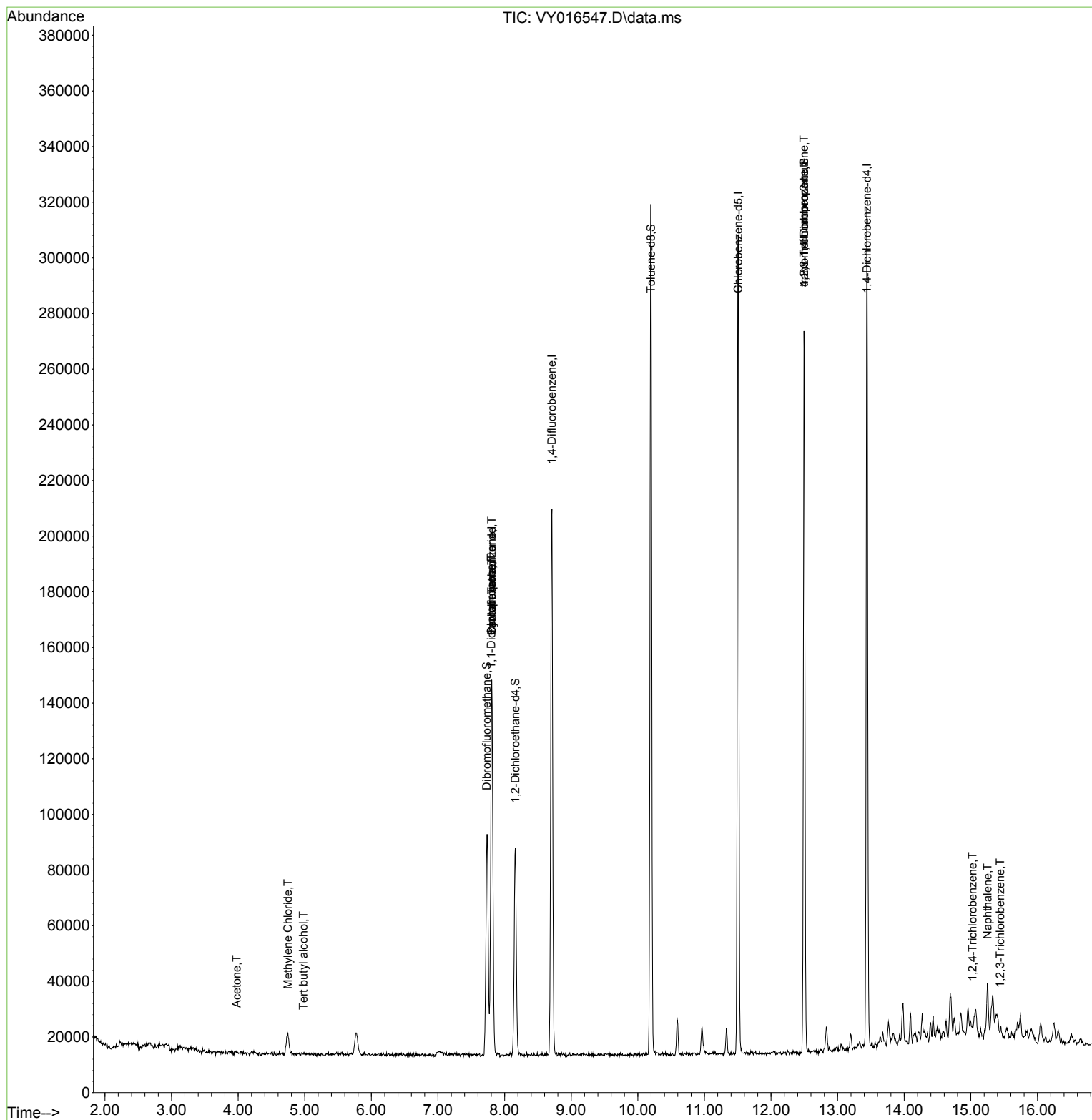
Internal Standards						
1) Pentafluorobenzene	7.807	168	109947	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.709	114	184664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	177905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	82127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	61111	70.353	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.700%			
35) Dibromofluoromethane	7.734	113	58188	53.688	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.380%			
50) Toluene-d8	10.197	98	213972	50.902	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.800%			
62) 4-Bromofluorobenzene	12.495	95	74064	56.165	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.320%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.978	59	550	9.990	ug/l #	89
16) Acetone	3.979	43	492	7.938	ug/l #	46
20) Methylene Chloride	4.747	84	6092	3.497	ug/l #	75
31) Cyclohexane	7.807	56	1745	1.144	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	7240	4.524	ug/l #	51
38) Carbon Tetrachloride	7.807	117	10193	5.426	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	36904	53.518	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	36904	116.721	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.025	180	311	3.615	ug/l #	1
95) Naphthalene	15.251	128	15042	10.280	ug/l	98
96) 1,2,3-Trichlorobenzene	15.440	180	600	4.576	ug/l #	13

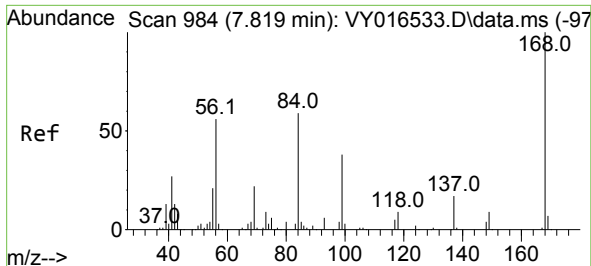
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113023\
Data File : VY016547.D
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Operator : SY/MD
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Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

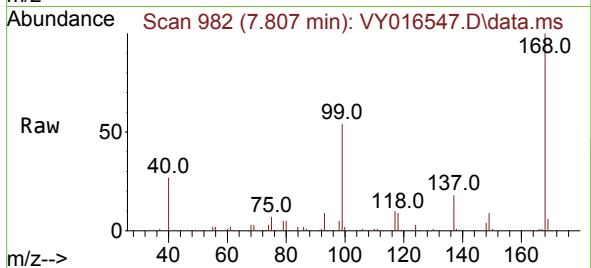
Quant Time: Dec 01 00:58:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 2023
Response via : Initial Calibration



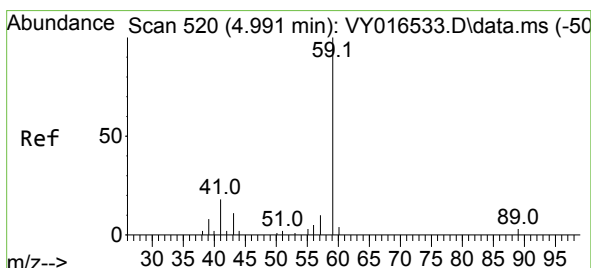
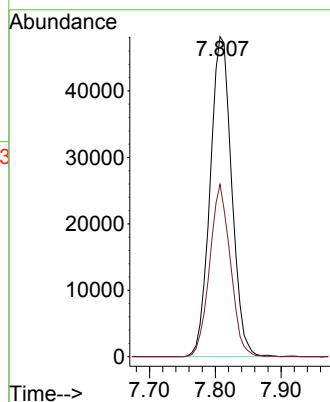
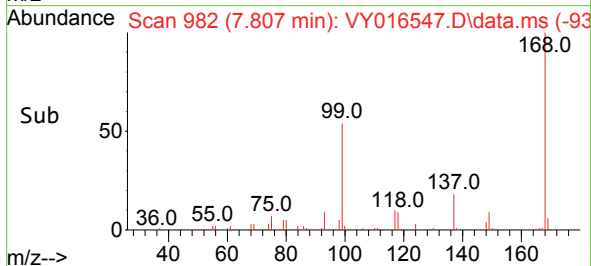


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :

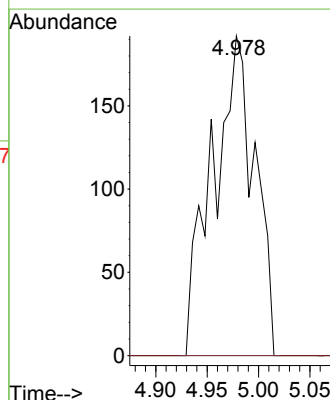
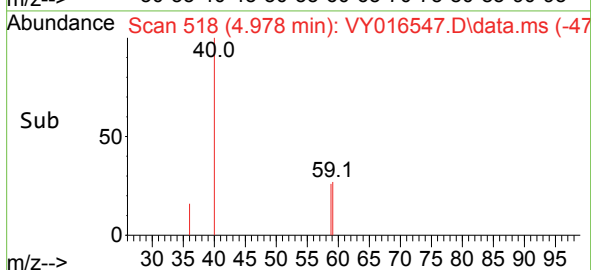
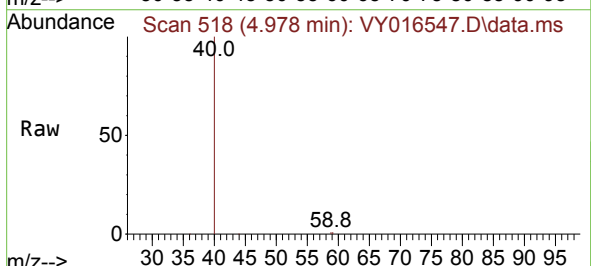


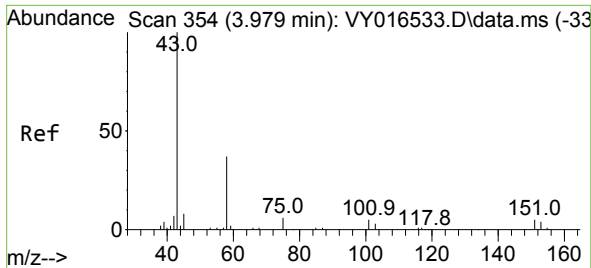
Tgt Ion:168 Resp: 109947
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 9.990 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

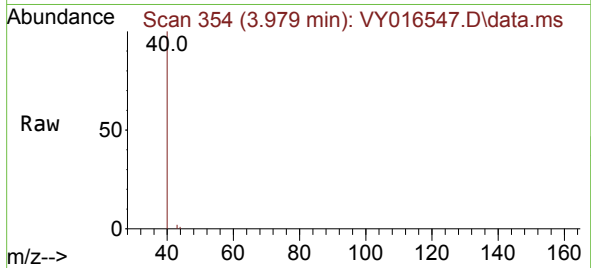
Tgt Ion: 59 Resp: 550
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



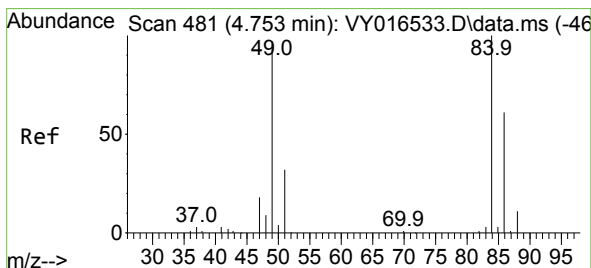
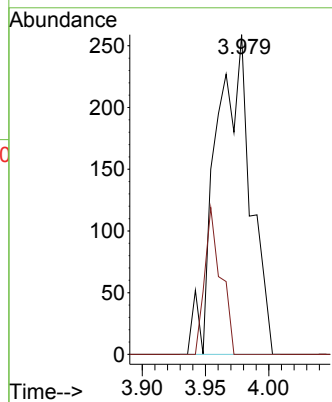
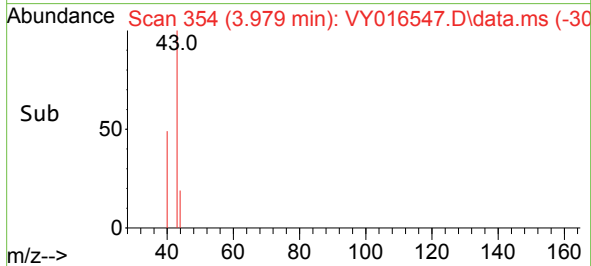


#16
Acetone
Concen: 7.938 ug/l
RT: 3.979 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :

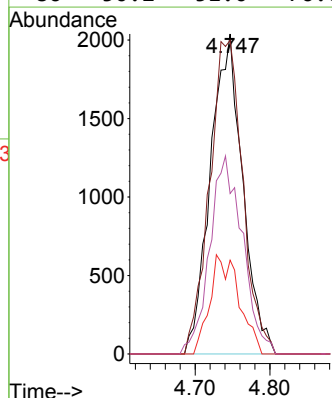
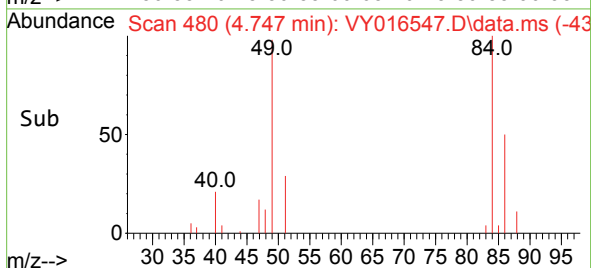
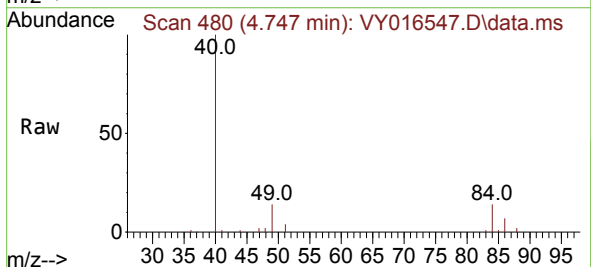


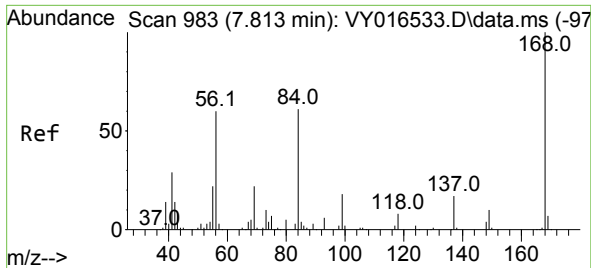
Tgt Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#20
Methylene Chloride
Concen: 3.497 ug/l
RT: 4.747 min Scan# 480
Delta R.T. -0.006 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

Tgt Ion: 84 Resp: 6092
Ion Ratio Lower Upper
84 100
49 98.0 106.9 160.3#
51 29.3 33.2 49.8#
86 50.2 51.0 76.6#

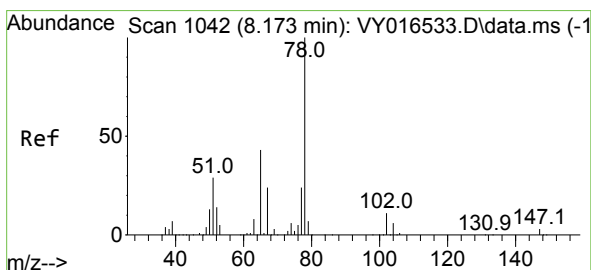
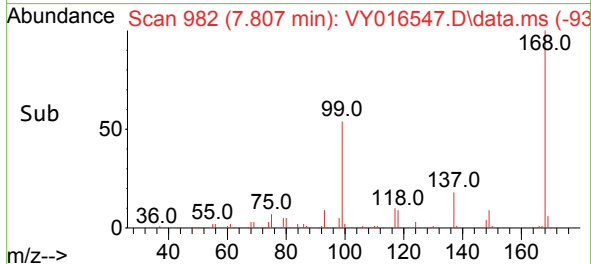
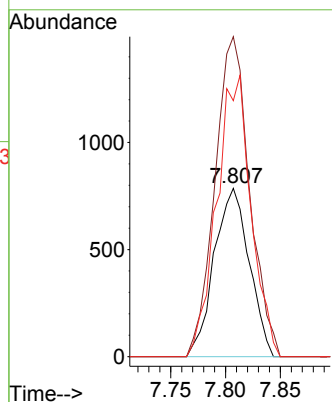
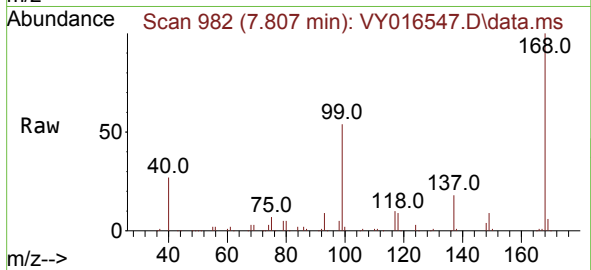




#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

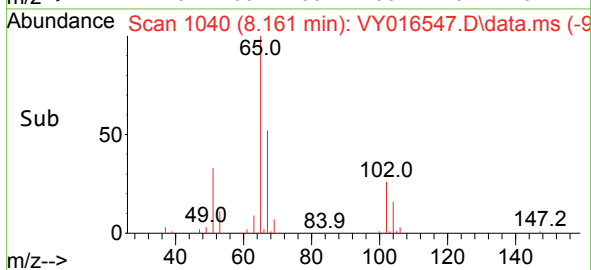
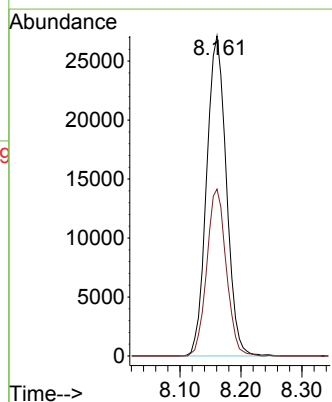
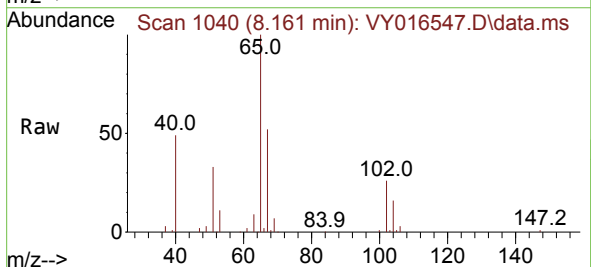
Instrument :
MSVOA_Y
ClientSampleId :

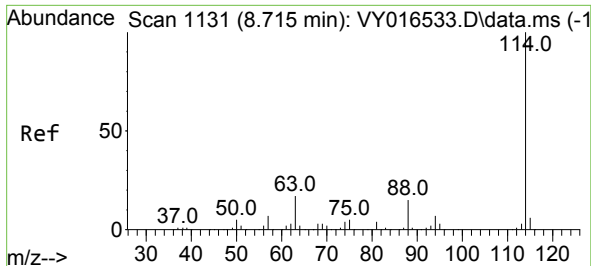
Tgt Ion: 56 Resp: 1745
Ion Ratio Lower Upper
56 100
69 190.1 27.8 41.6#
84 152.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 70.353 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

Tgt Ion: 65 Resp: 61111
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8

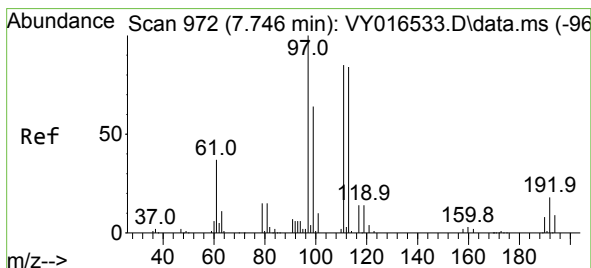
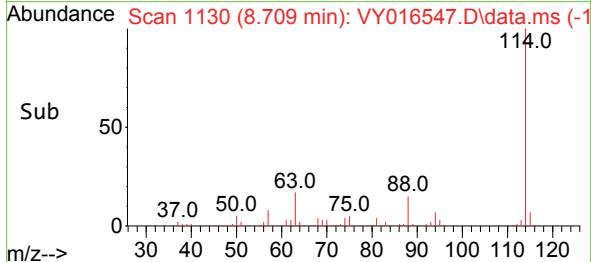
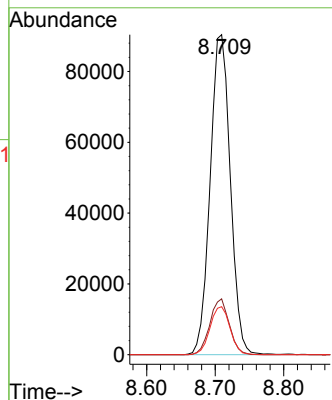
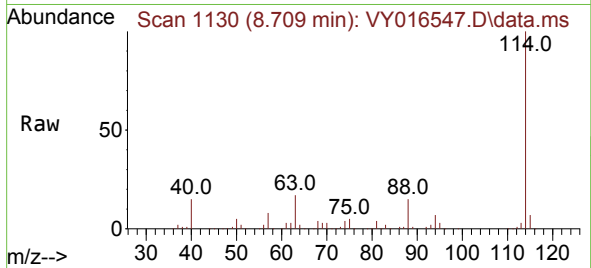




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

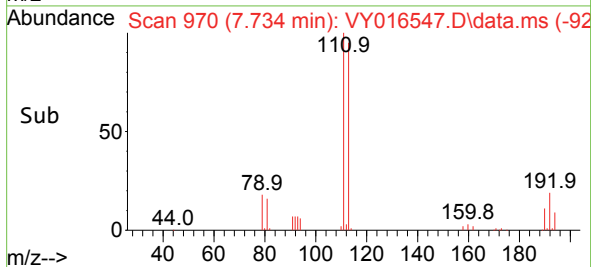
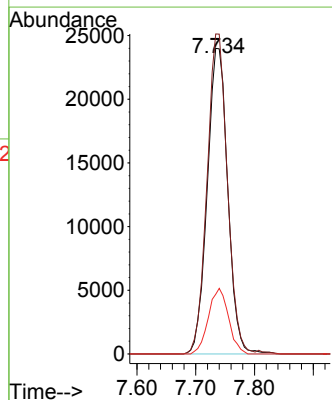
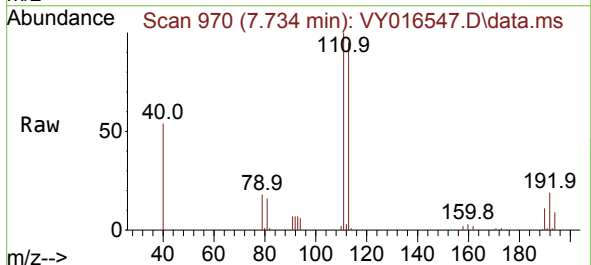
Instrument :
MSVOA_Y
ClientSampleId :

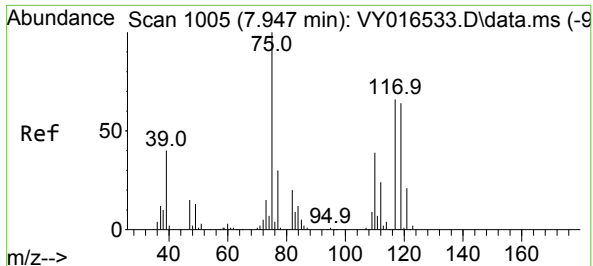
Tgt Ion:114 Resp: 184664
Ion Ratio Lower Upper
114 100
63 17.5 0.0 42.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.688 ug/l
RT: 7.734 min Scan# 970
Delta R.T. -0.012 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

Tgt Ion:113 Resp: 58188
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 21.0 16.9 25.3

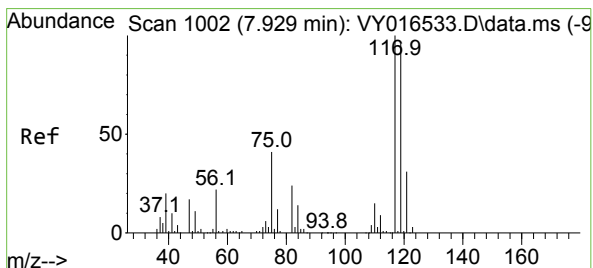
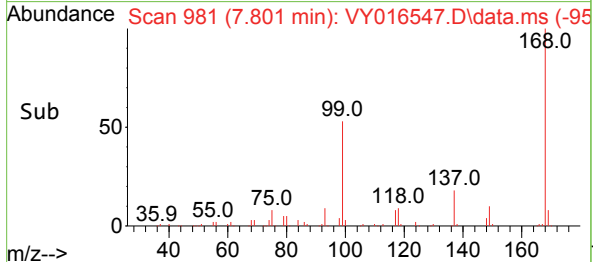
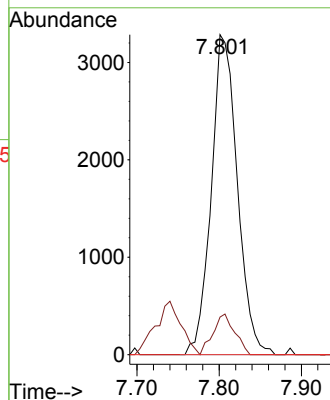
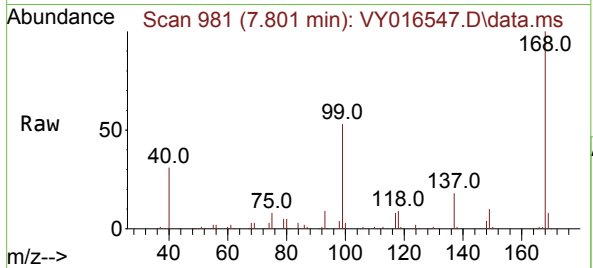




#36
1,1-Dichloropropene
Concen: 4.524 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.146 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

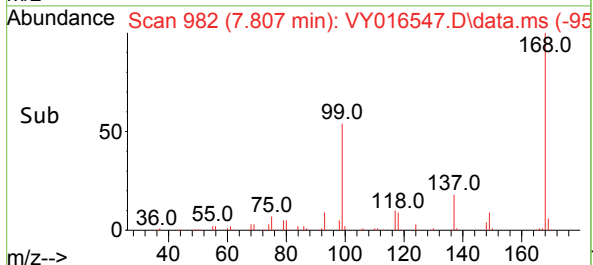
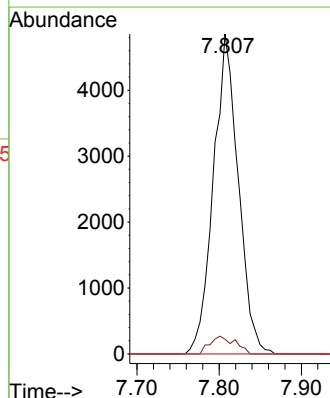
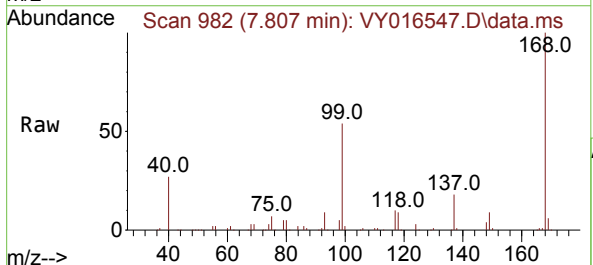
Instrument :
MSVOA_Y
ClientSampleId :

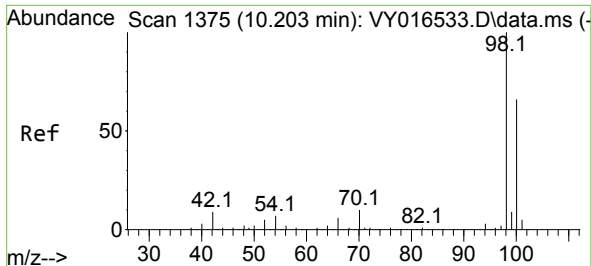
Tgt Ion: 75 Resp: 7240
Ion Ratio Lower Upper
75 100
110 10.5 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.426 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

Tgt Ion: 117 Resp: 10193
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#

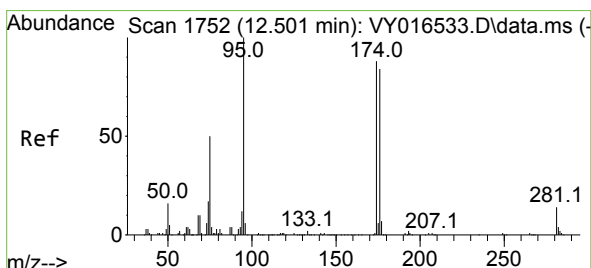
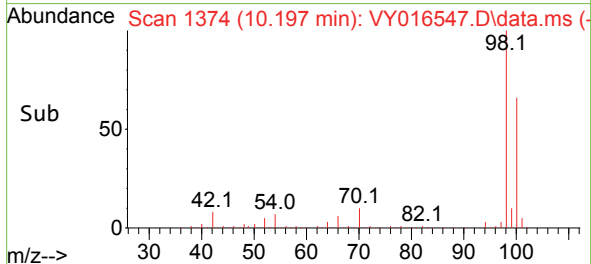
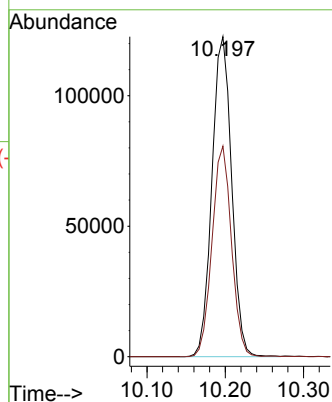
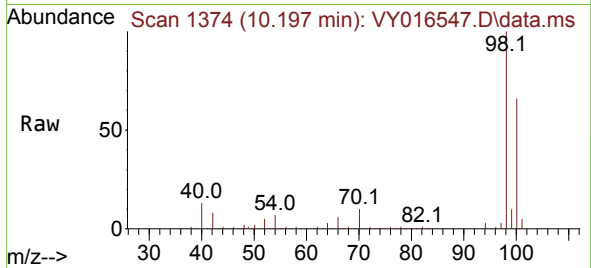




#50
Toluene-d8
Concen: 50.902 ug/l
RT: 10.197 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

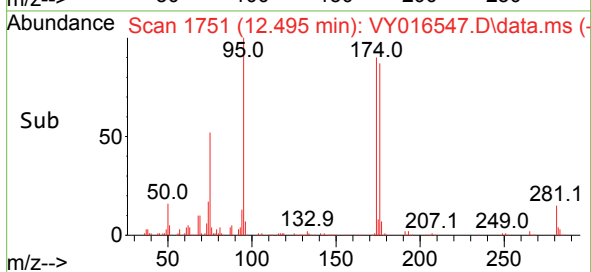
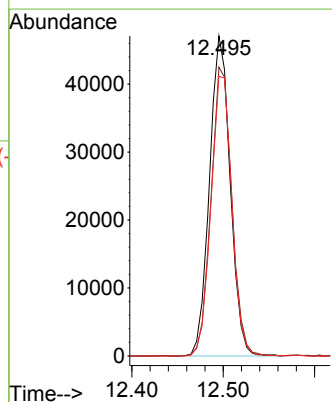
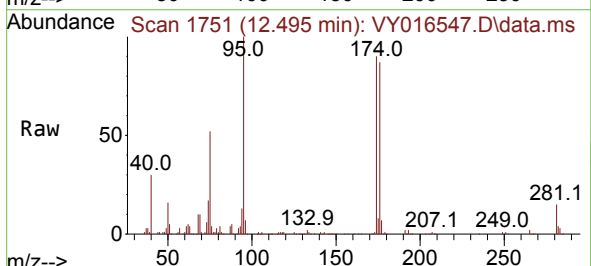
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MSVOA_Y
ClientSampleId :

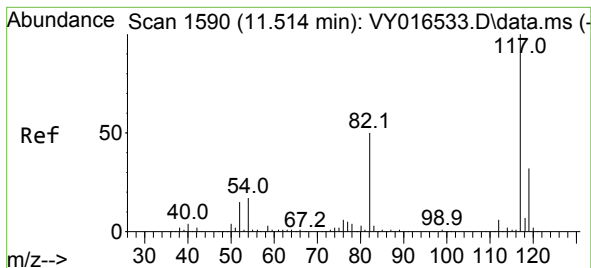
Tgt Ion: 98 Resp: 213972
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.165 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

Tgt Ion: 95 Resp: 74064
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.2
176 88.3 0.0 173.8

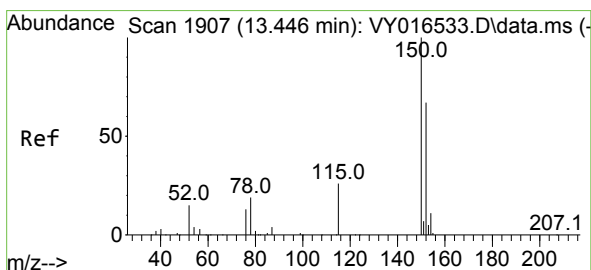
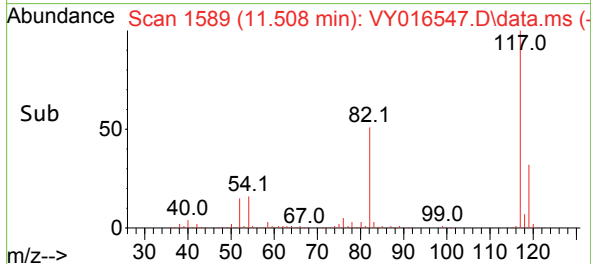
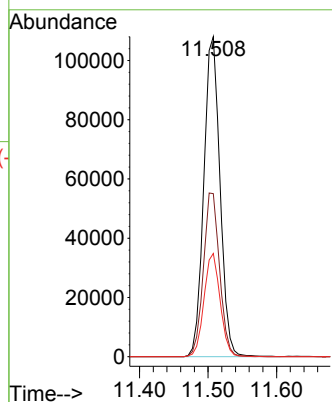
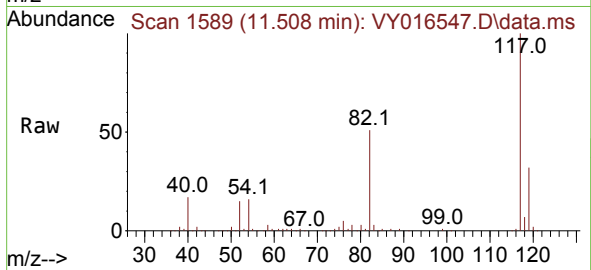




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

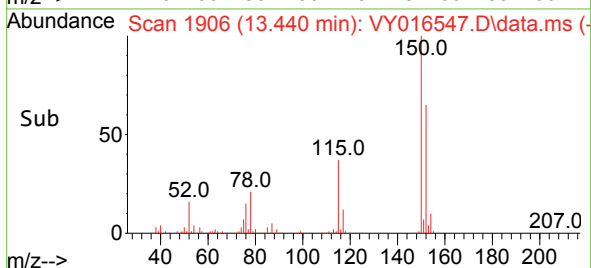
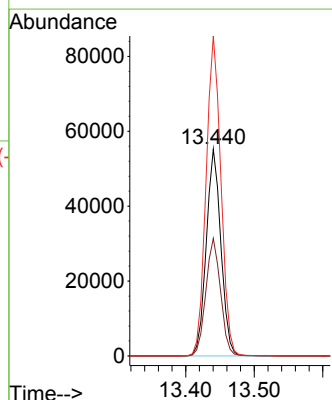
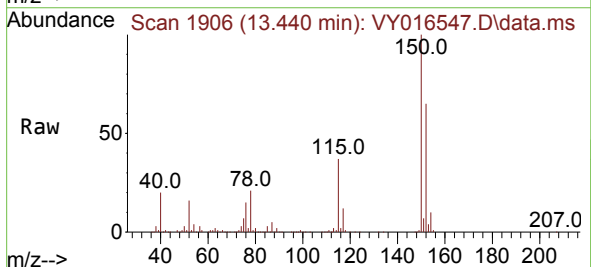
Instrument :
MSVOA_Y
ClientSampleId :

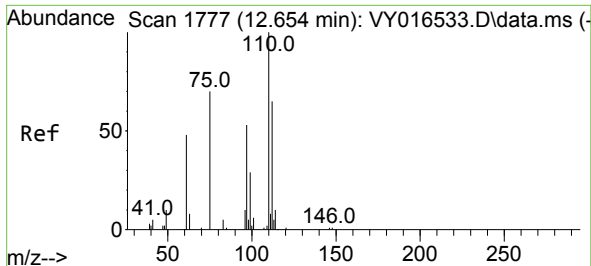
Tgt Ion:117 Resp: 177905
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

Tgt Ion:152 Resp: 82127
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 156.9 0.0 348.8

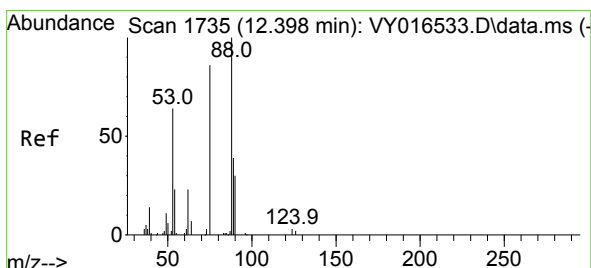
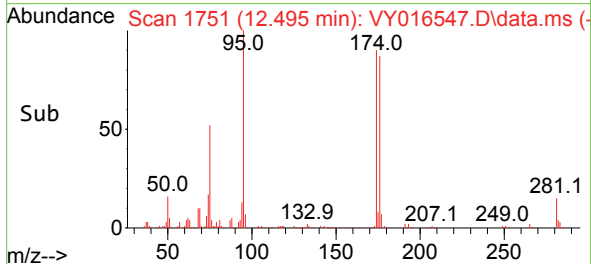
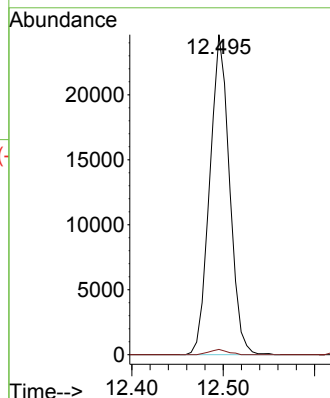
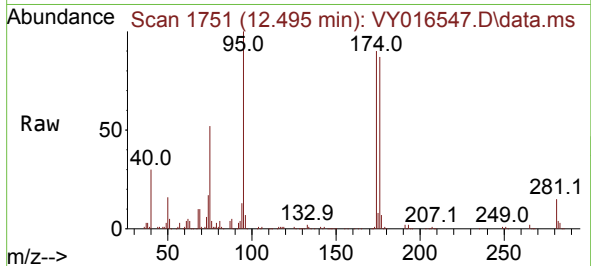




#76
1,2,3-Trichloropropane
Concen: 53.518 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.159 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

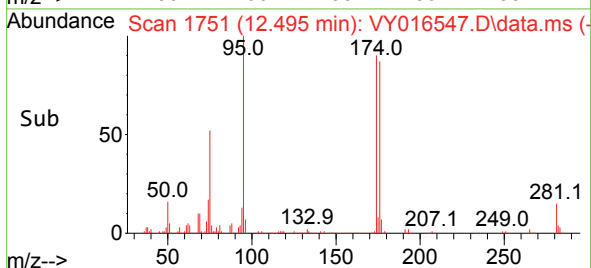
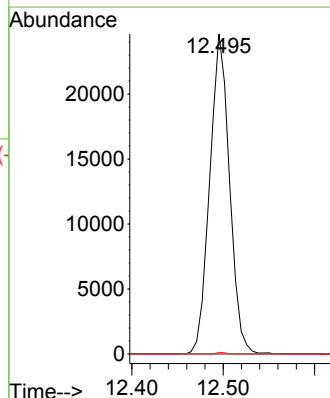
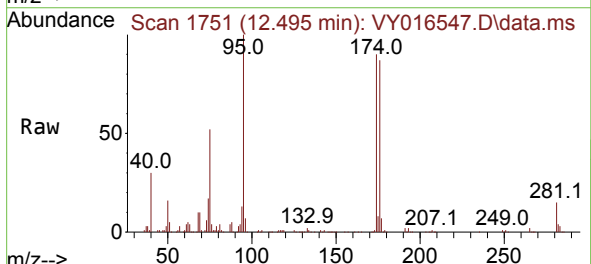
Instrument :
MSVOA_Y
ClientSampleId :

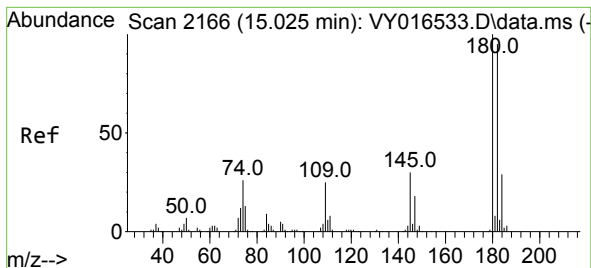
Tgt Ion: 75 Resp: 36904
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.721 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.098 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

Tgt Ion: 75 Resp: 36904
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#





#93

1,2,4-Trichlorobenzene

Concen: 3.615 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY016547.D

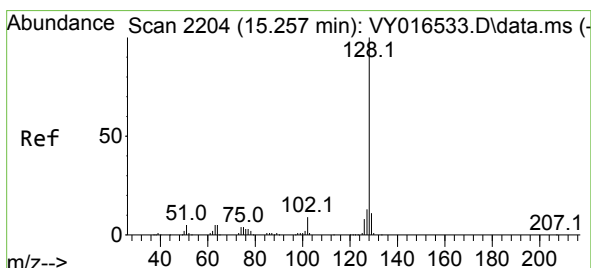
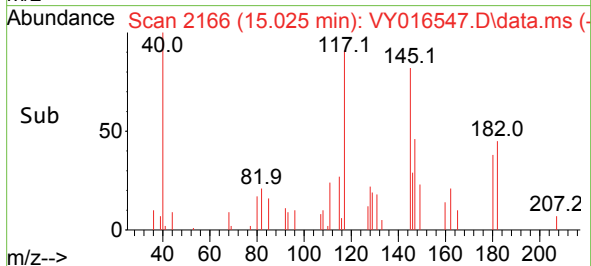
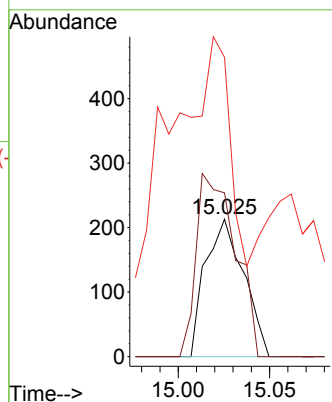
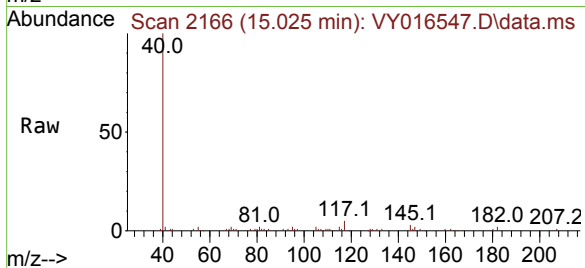
Acq: 30 Nov 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	311
Ion Ratio	Lower	Upper
180	100	
182	135.7	47.0 141.2
145	420.9	14.5 43.5#



#95

Naphthalene

Concen: 10.280 ug/l

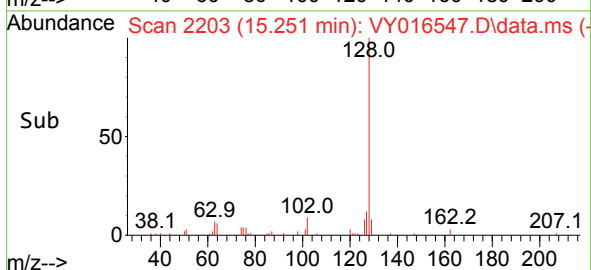
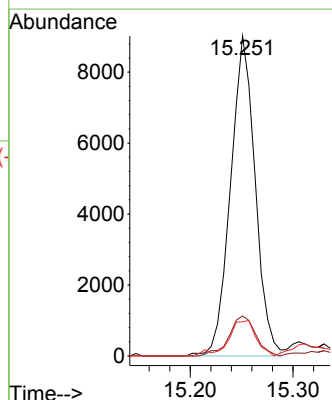
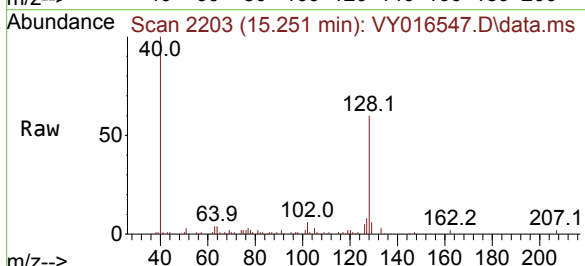
RT: 15.251 min Scan# 2203

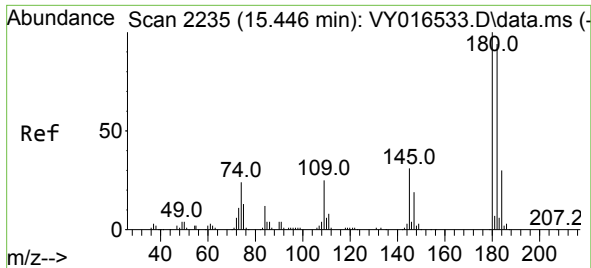
Delta R.T. -0.006 min

Lab File: VY016547.D

Acq: 30 Nov 2023 12:03

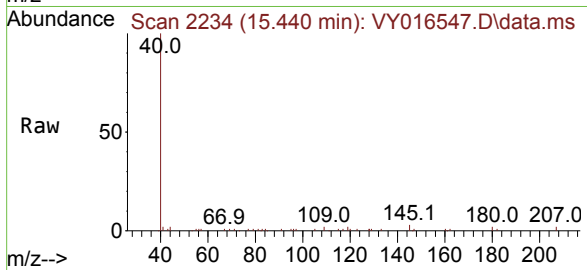
Tgt Ion:128	Resp:	15042
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.8 16.2
129	12.4	8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 4.576 ug/l
 RT: 15.440 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY016547.D
 Acq: 30 Nov 2023 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 600
 Ion Ratio Lower Upper
 180 100
 182 54.5 47.3 141.8
 145 155.2 15.4 46.2#

