

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016493.D
 Acq On : 24 Nov 2023 18:36
 Operator : SY/MD
 Sample : 05434-12
 Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:49:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

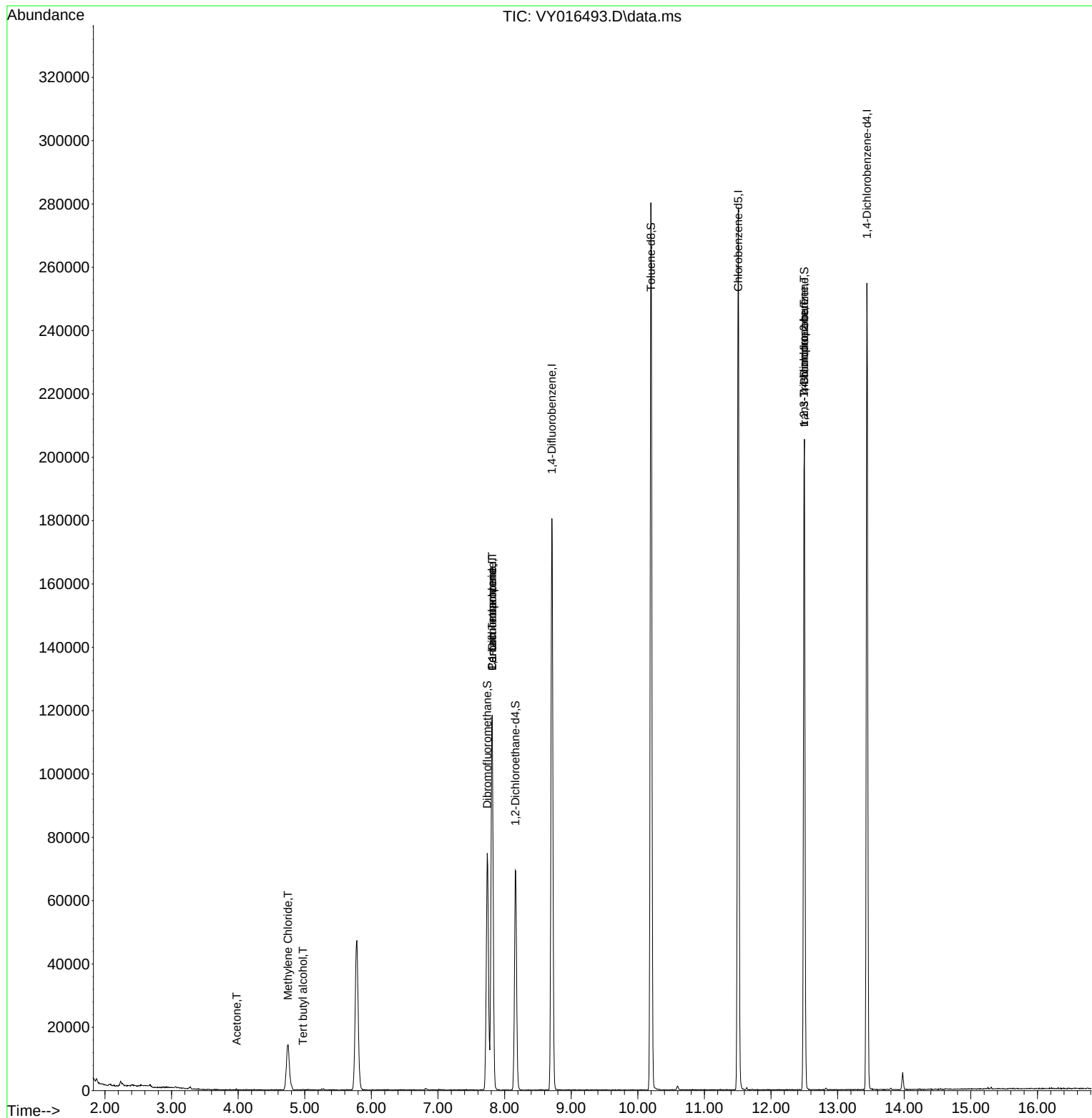
Internal Standards						
1) Pentafluorobenzene	7.813	168	96658	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	166108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.507	117	160785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	69828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.160	65	55969	63.355	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.720%			
35) Dibromofluoromethane	7.740	113	53640	56.846	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.700%			
50) Toluene-d8	10.197	98	194275	50.771	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.540%			
62) 4-Bromofluorobenzene	12.501	95	64691	52.053	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.100%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	151	2.183	ug/l #	89
16) Acetone	3.978	43	298	2.039	ug/l #	46
20) Methylene Chloride	4.746	84	12444	9.215	ug/l #	81
36) 1,1-Dichloropropene	7.813	75	6419	3.918	ug/l #	52
38) Carbon Tetrachloride	7.813	117	9448	5.556	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	32360	48.309	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	32360	104.859	ug/l #	10

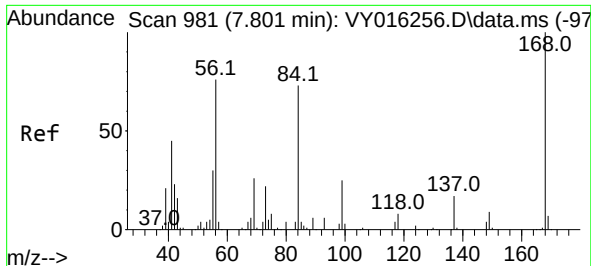
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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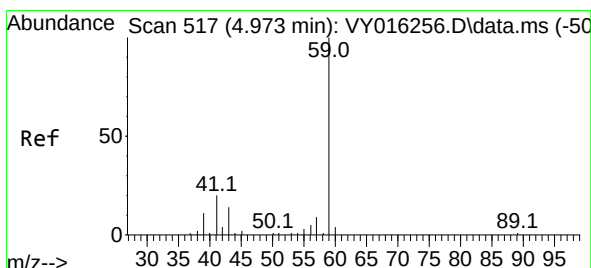
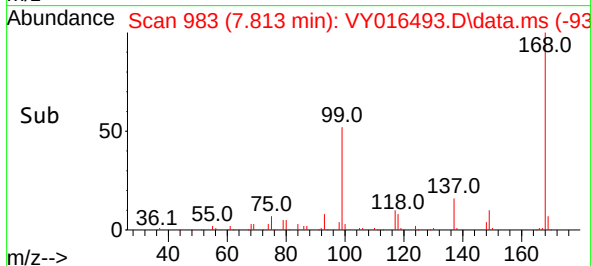
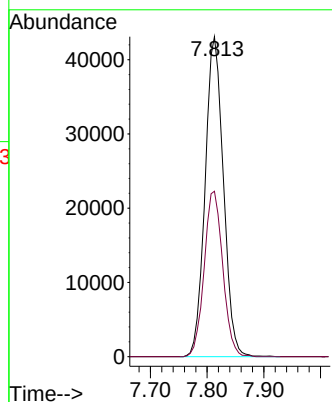
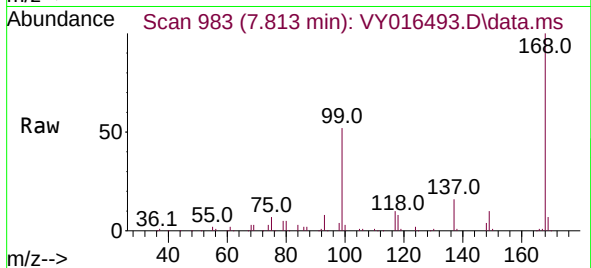




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016493.D
Acq: 24 Nov 2023 18:36

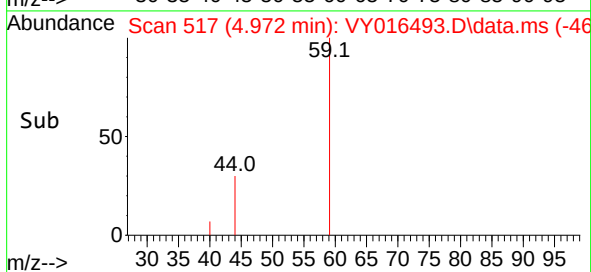
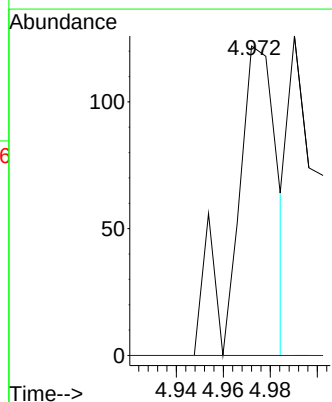
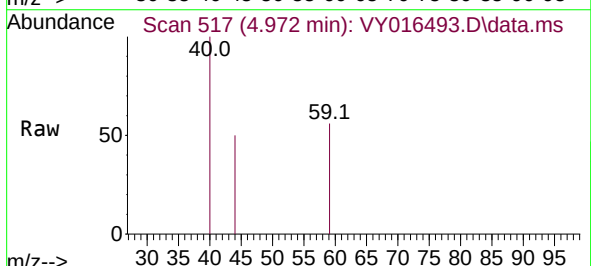
Instrument :
MSVOA_Y
ClientSampleId :

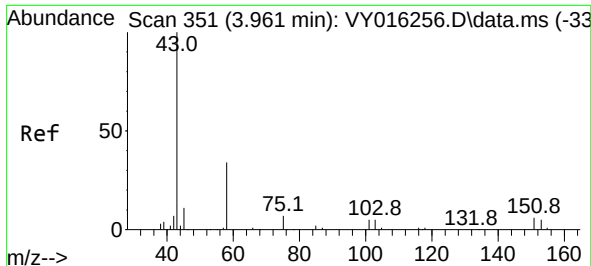
Tgt Ion:168 Resp: 96658
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.183 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY016493.D
Acq: 24 Nov 2023 18:36

Tgt Ion: 59 Resp: 151
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

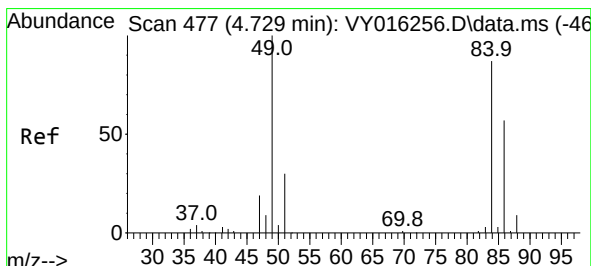
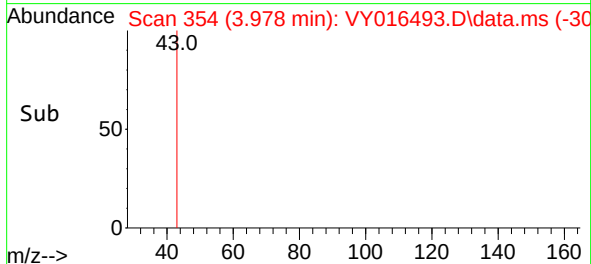
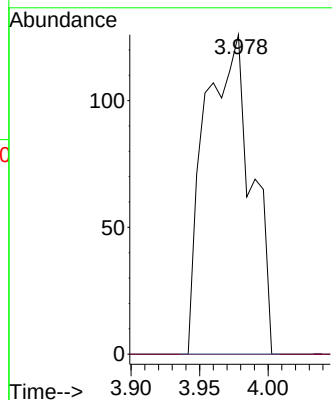
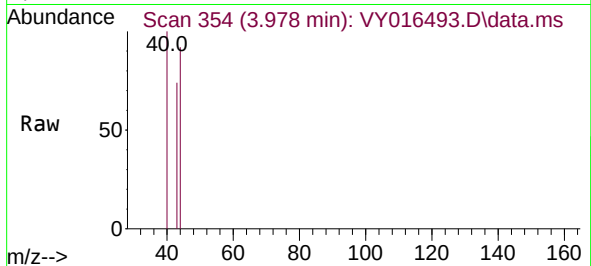




#16
Acetone
Concen: 2.039 ug/l
RT: 3.978 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY016493.D
Acq: 24 Nov 2023 18:36

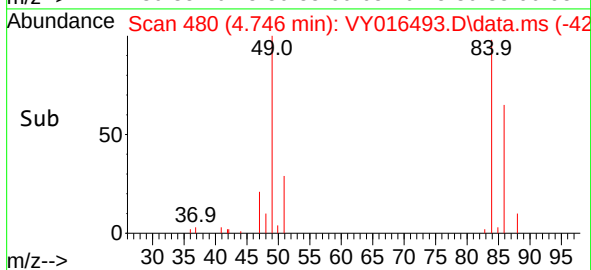
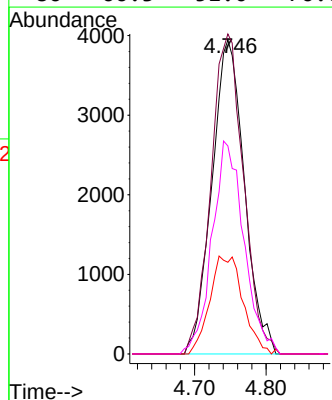
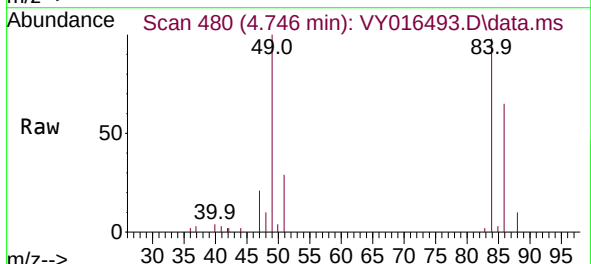
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MSVOA_Y
ClientSampleId :

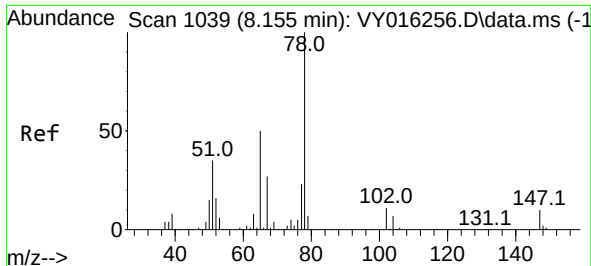
Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#20
Methylene Chloride
Concen: 9.215 ug/l
RT: 4.746 min Scan# 480
Delta R.T. 0.017 min
Lab File: VY016493.D
Acq: 24 Nov 2023 18:36

Tgt Ion: 84 Resp: 12444
Ion Ratio Lower Upper
84 100
49 102.0 106.9 160.3#
51 29.2 33.2 49.8#
86 66.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 63.355 ug/l

RT: 8.160 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016493.D

Acq: 24 Nov 2023 18:36

Instrument :

MSVOA_Y

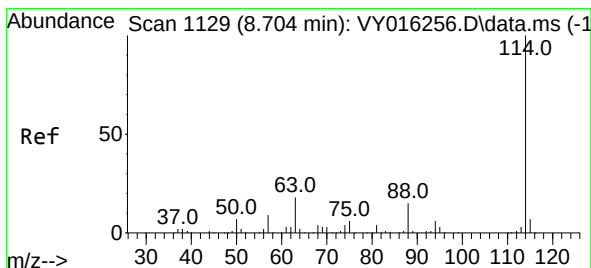
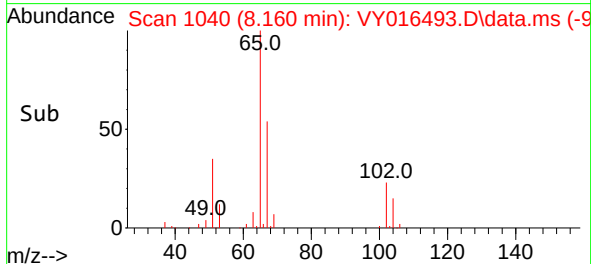
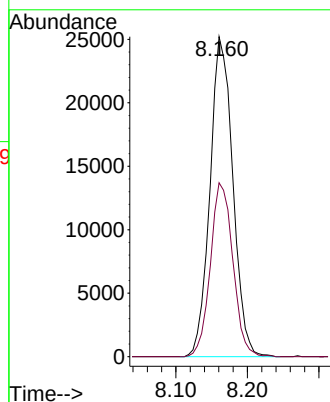
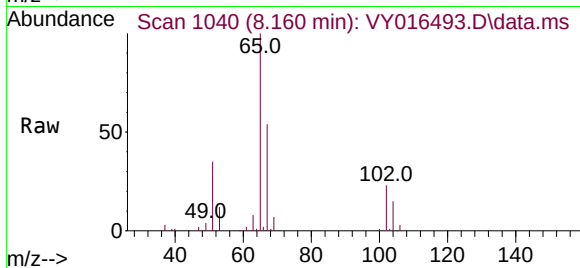
ClientSampleId :

Tgt Ion: 65 Resp: 55969

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016493.D

Acq: 24 Nov 2023 18:36

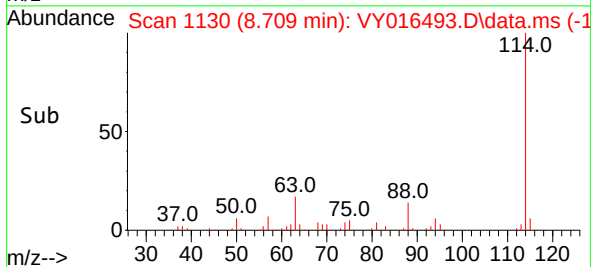
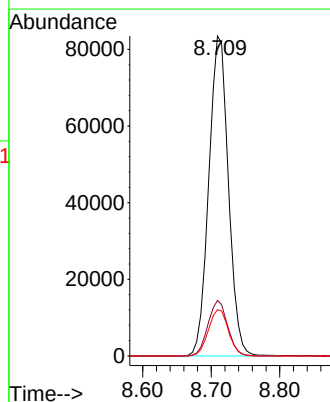
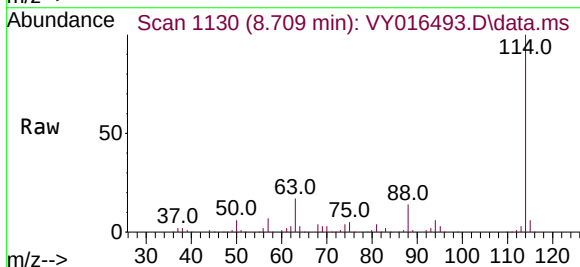
Tgt Ion:114 Resp: 166108

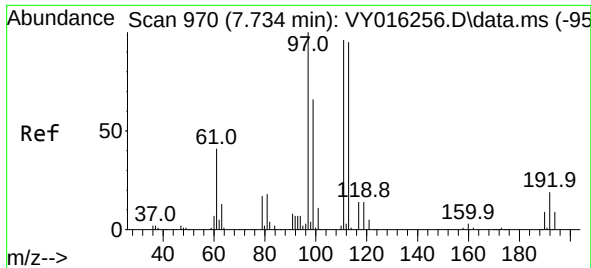
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 14.5 0.0 30.6

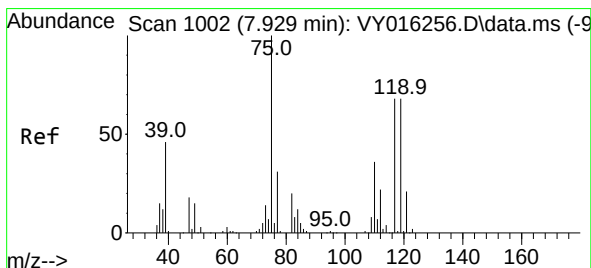
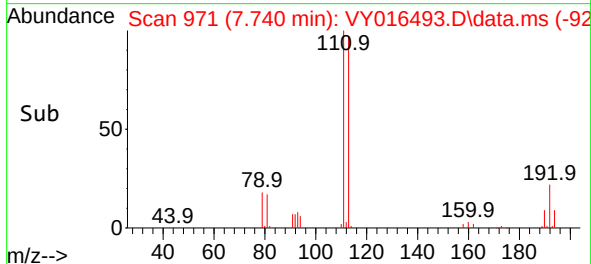
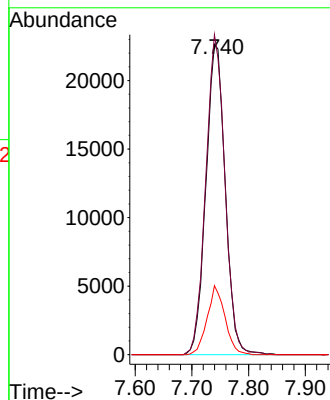
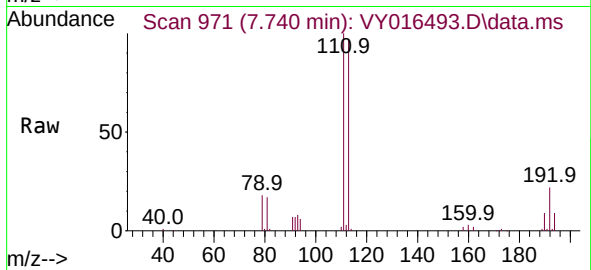




#35
Dibromofluoromethane
Concen: 56.846 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016493.D
Acq: 24 Nov 2023 18:36

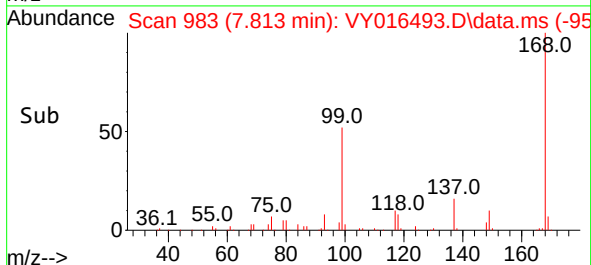
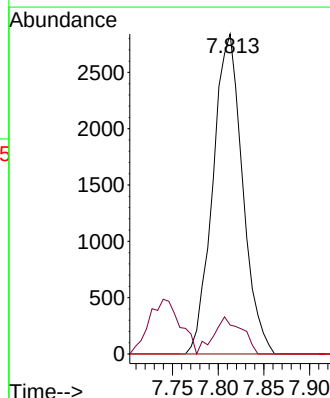
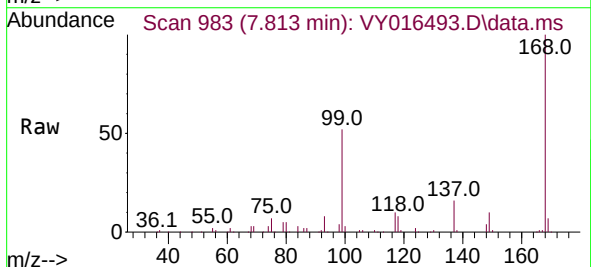
Instrument :
MSVOA_Y
ClientSampleId :

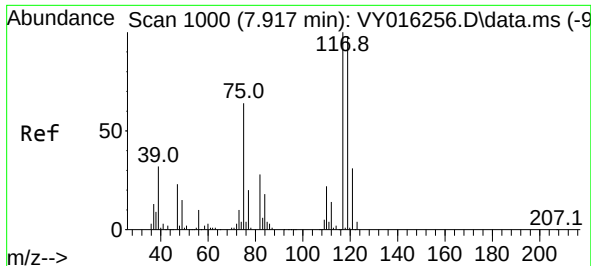
Tgt Ion:113 Resp: 53640
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 20.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 3.918 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY016493.D
Acq: 24 Nov 2023 18:36

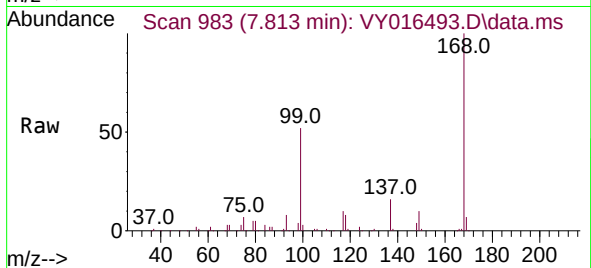
Tgt Ion: 75 Resp: 6419
Ion Ratio Lower Upper
75 100
110 11.0 17.8 53.5#
77 0.0 24.4 36.6#



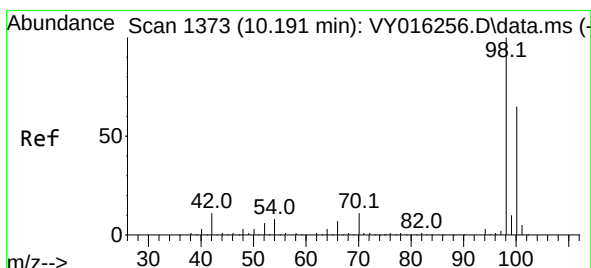
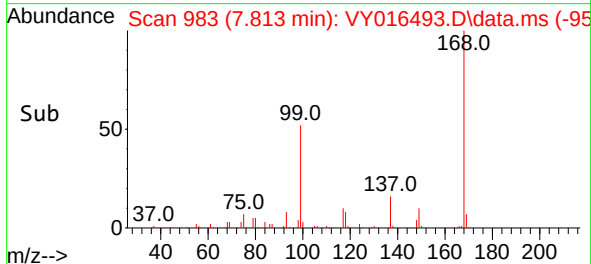
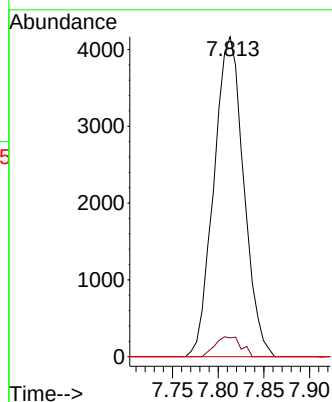


#38
Carbon Tetrachloride
Concen: 5.556 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY016493.D
Acq: 24 Nov 2023 18:36

Instrument :
MSVOA_Y
ClientSampleId :

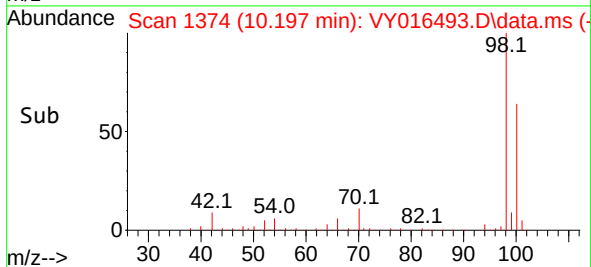
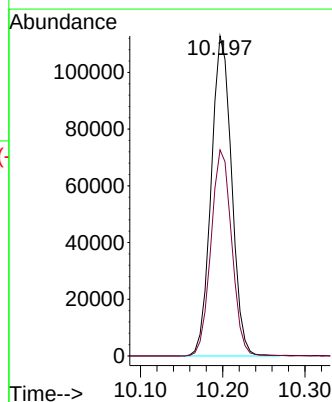
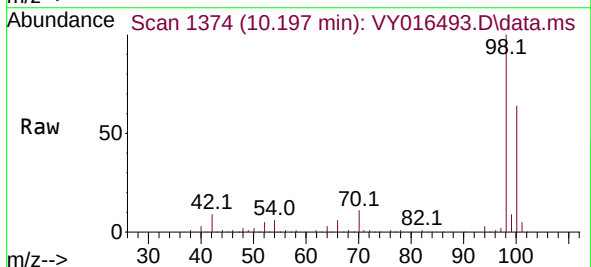


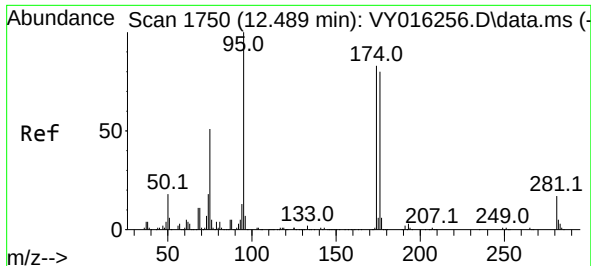
Tgt Ion:117 Resp: 9448
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.771 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016493.D
Acq: 24 Nov 2023 18:36

Tgt Ion: 98 Resp: 194275
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

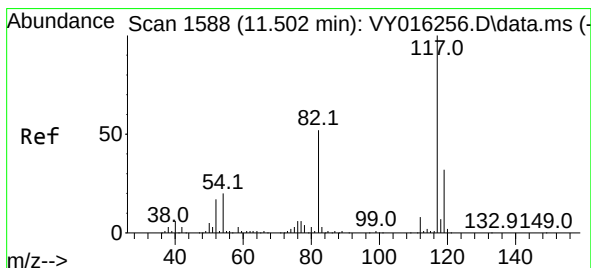
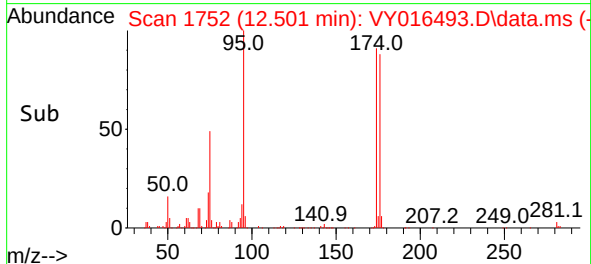
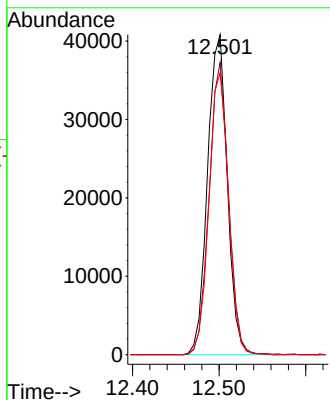
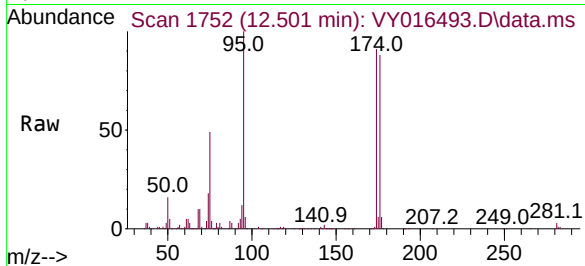




#62
4-Bromofluorobenzene
Concen: 52.053 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016493.D
Acq: 24 Nov 2023 18:36

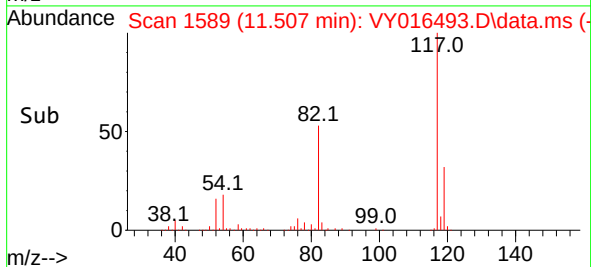
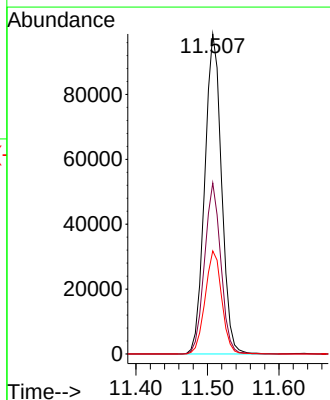
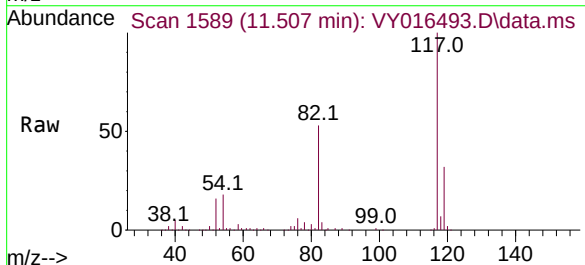
Instrument :
MSVOA_Y
ClientSampleId :

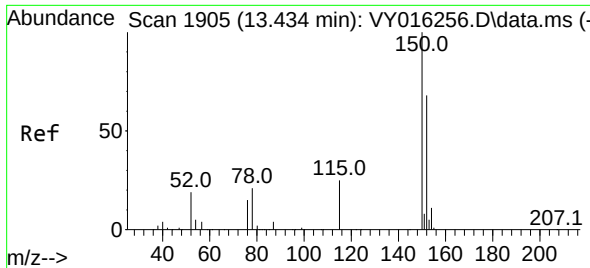
Tgt Ion: 95 Resp: 64691
Ion Ratio Lower Upper
95 100
174 89.4 0.0 178.2
176 87.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.507 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016493.D
Acq: 24 Nov 2023 18:36

Tgt Ion: 117 Resp: 160785
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.2 26.3 39.5

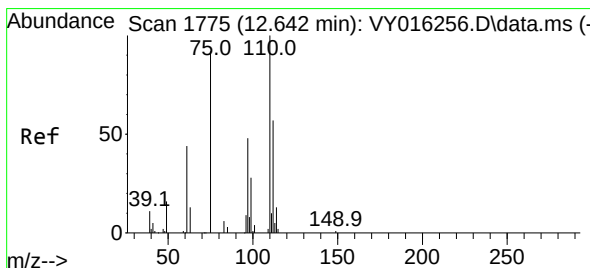
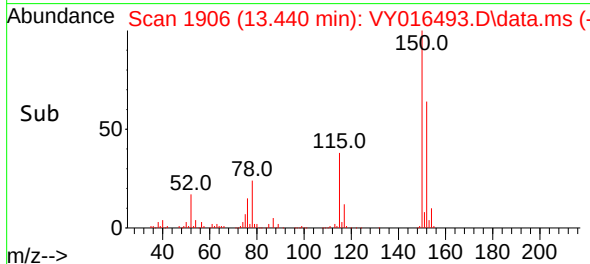
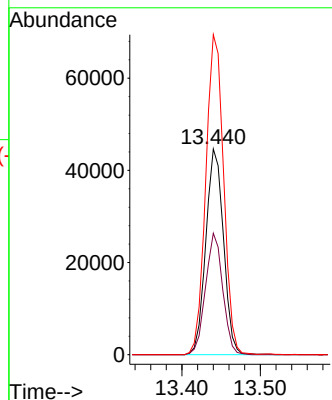
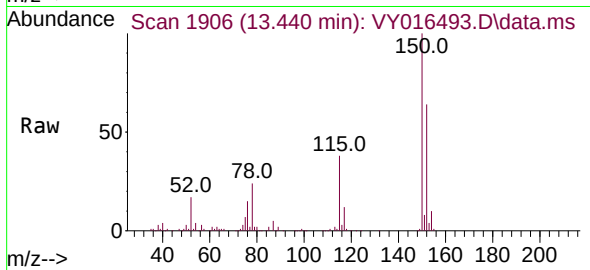




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY016493.D
 Acq: 24 Nov 2023 18:36

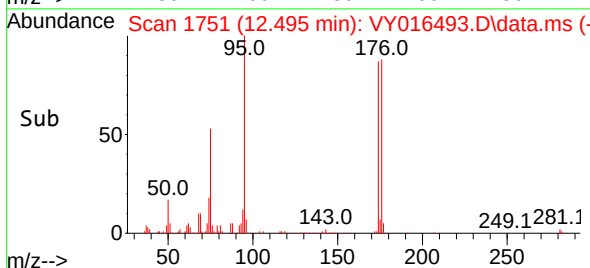
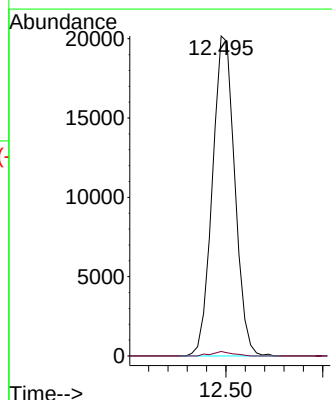
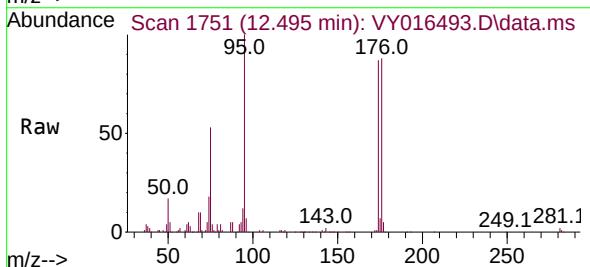
Instrument :
 MSVOA_Y
 ClientSampleId :

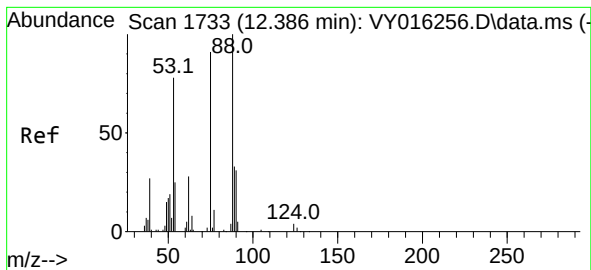
Tgt Ion:152 Resp: 69828
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.8 86.5
 150 156.8 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 48.309 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. -0.147 min
 Lab File: VY016493.D
 Acq: 24 Nov 2023 18:36

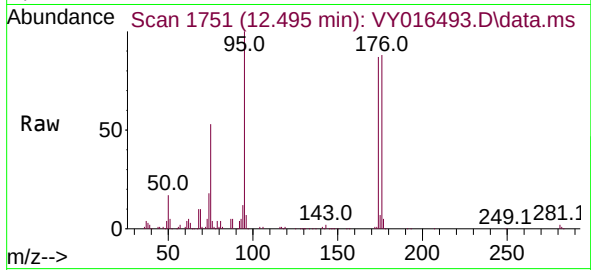
Tgt Ion: 75 Resp: 32360
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.859 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY016493.D
 Acq: 24 Nov 2023 18:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 32360
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

