

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016590.D
 Acq On : 05 Dec 2023 11:45
 Operator : SY/MD
 Sample : VY1205SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBL01

Quant Time: Dec 06 02:21:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

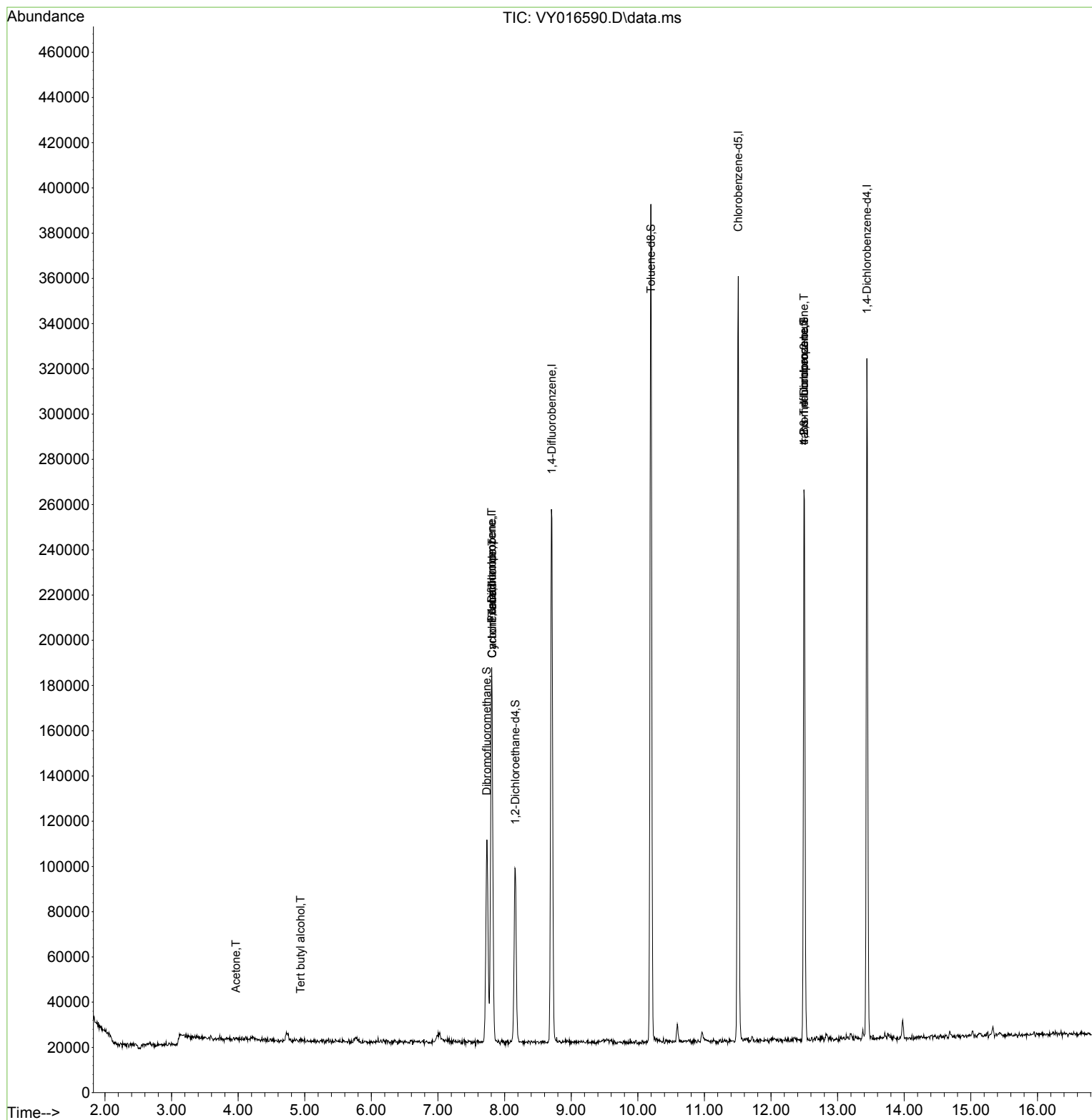
Internal Standards						
1) Pentafluorobenzene	7.807	168	134962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	213703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	189185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	79143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	63816	51.159	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.320%			
35) Dibromofluoromethane	7.734	113	62328	48.464	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.920%			
50) Toluene-d8	10.197	98	243707	50.098	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.200%			
62) 4-Bromofluorobenzene	12.495	95	75231	47.027	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.060%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	312	3.671	ug/l #	89
16) Acetone	3.966	43	742	2.629	ug/l #	79
20) Methylene Chloride	4.729	84	2679	Below Cal	#	72
31) Cyclohexane	7.813	56	2505	1.176	ug/l #	29
36) 1,1-Dichloropropene	7.807	75	9237	4.725	ug/l #	52
38) Carbon Tetrachloride	7.813	117	12506	5.526	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	38843	54.332	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	38843	122.562	ug/l #	10
95) Naphthalene	15.251	128	1506	Below Cal	#	92
96) 1,2,3-Trichlorobenzene	15.446	180	705	Below Cal		82

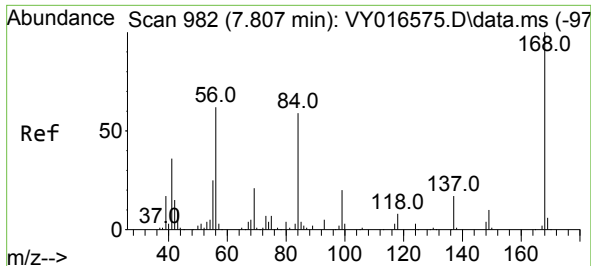
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
Data File : VY016590.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBL01

Quant Time: Dec 06 02:21:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 01:24:25 2023
Response via : Initial Calibration

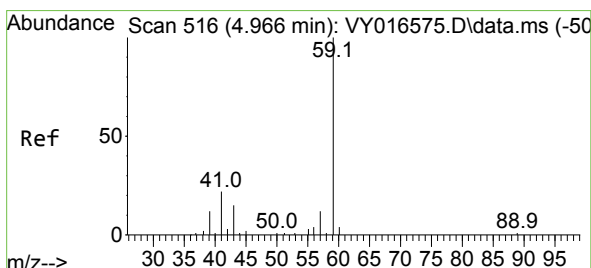
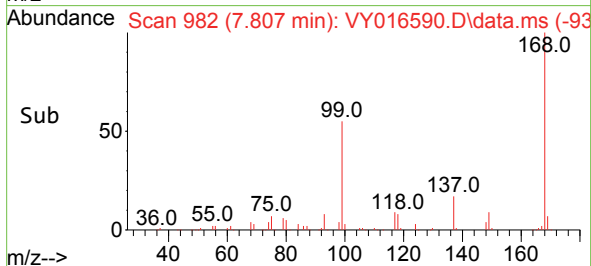
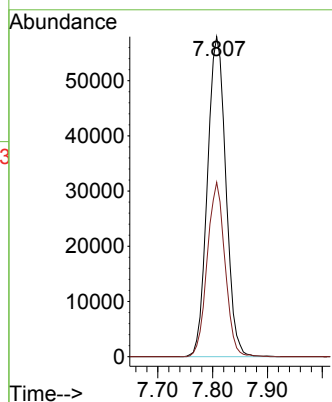
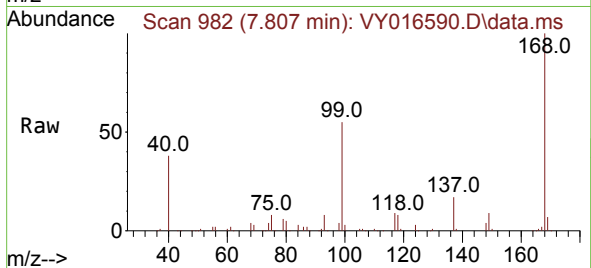




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

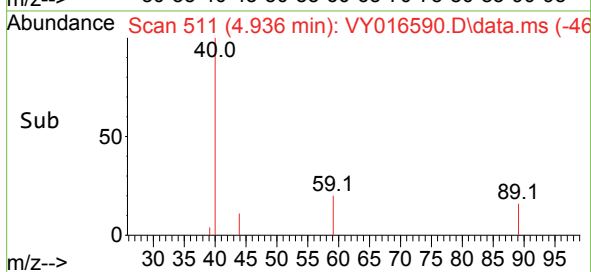
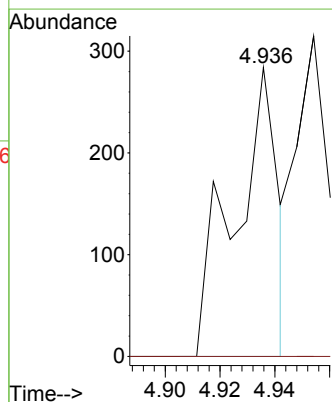
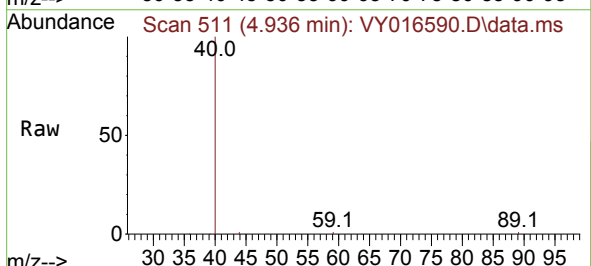
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBL01

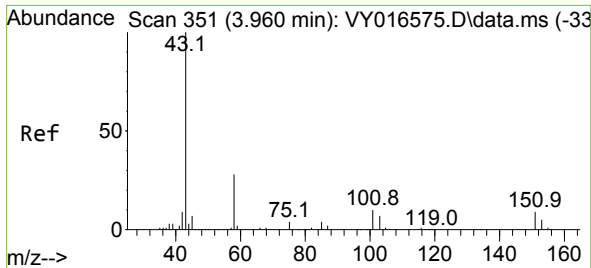
Tgt Ion:168 Resp: 134962
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#11
Tert butyl alcohol
Concen: 3.671 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.031 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

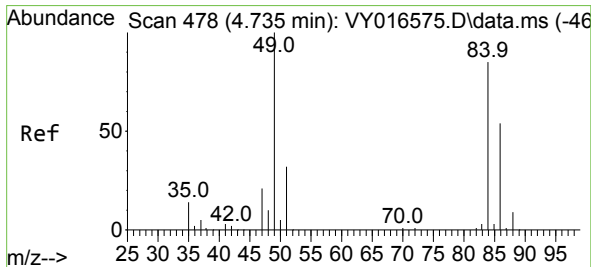
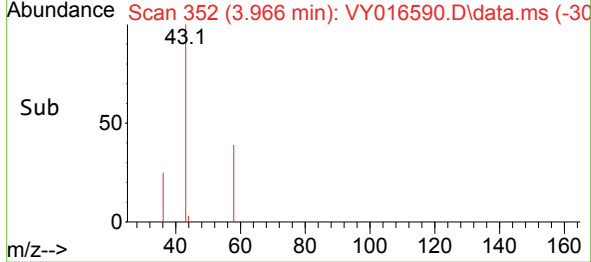
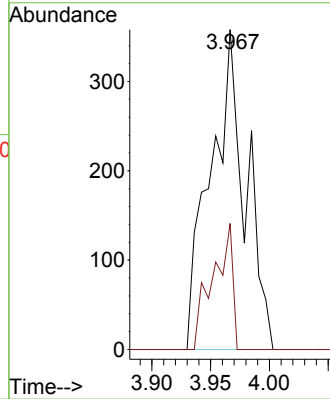
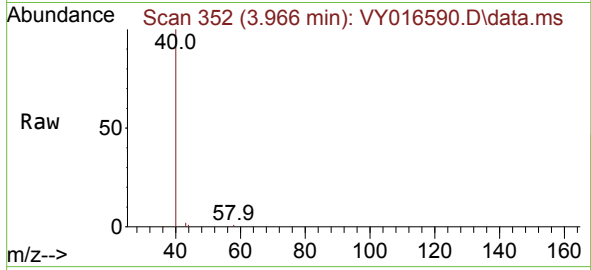




#16
Acetone
Concen: 2.629 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

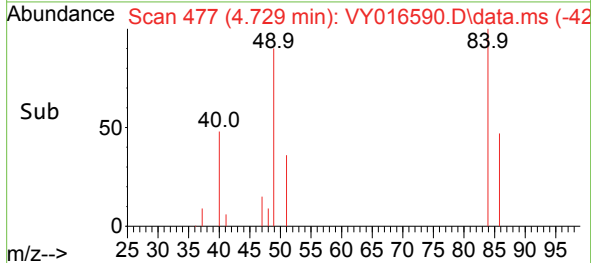
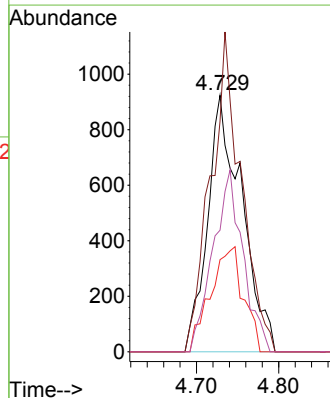
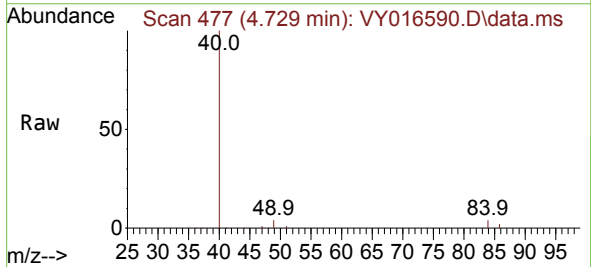
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBL01

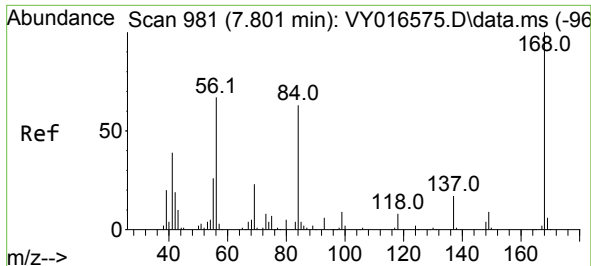
Tgt Ion: 43 Resp: 742
Ion Ratio Lower Upper
43 100
58 39.4 22.7 34.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

Tgt Ion: 84 Resp: 2679
Ion Ratio Lower Upper
84 100
49 89.9 106.9 160.3#
51 35.9 33.2 49.8
86 47.4 51.0 76.6#

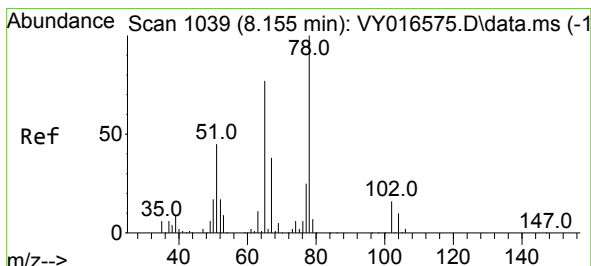
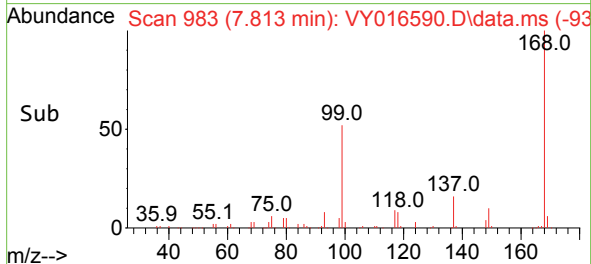
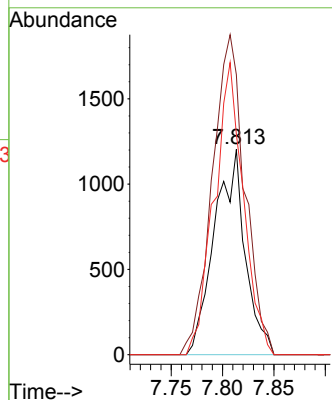
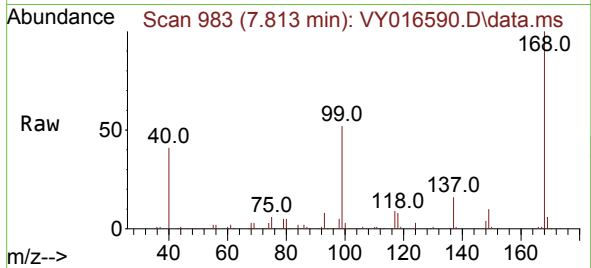




#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

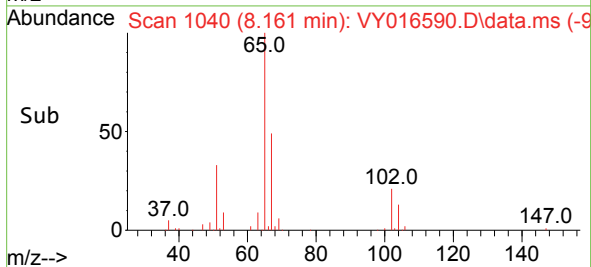
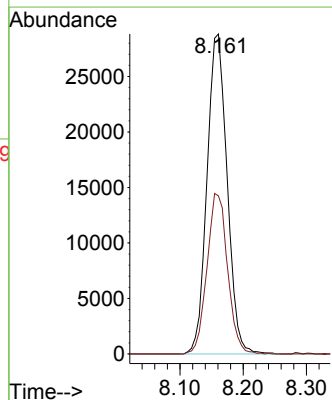
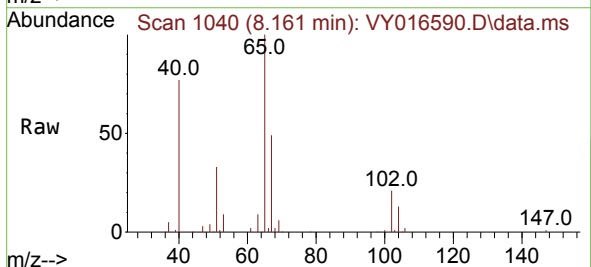
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBL01

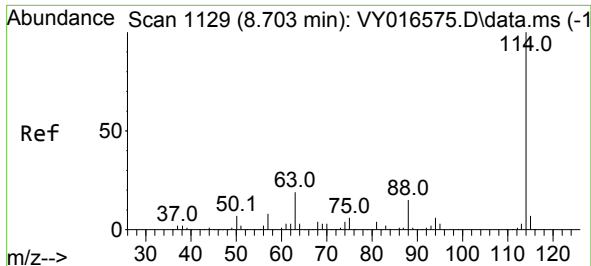
Tgt Ion: 56 Resp: 2505
Ion Ratio Lower Upper
56 100
69 136.4 27.8 41.6#
84 107.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 51.159 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

Tgt Ion: 65 Resp: 63816
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8

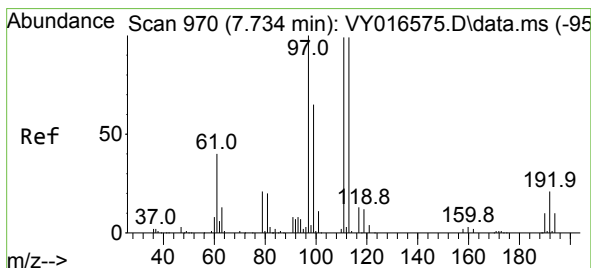
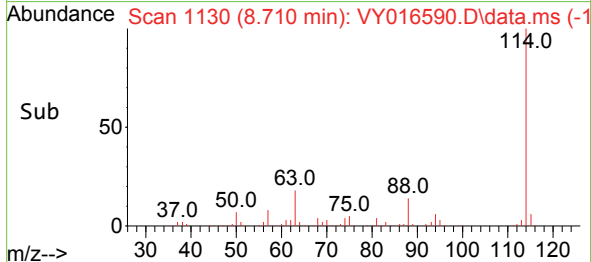
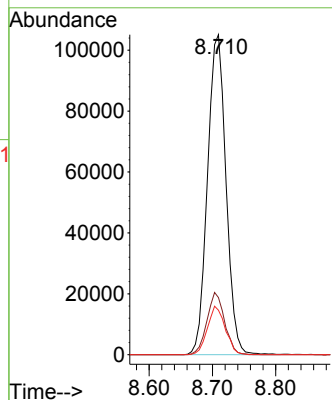
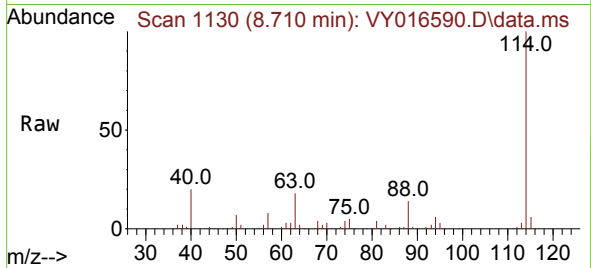




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

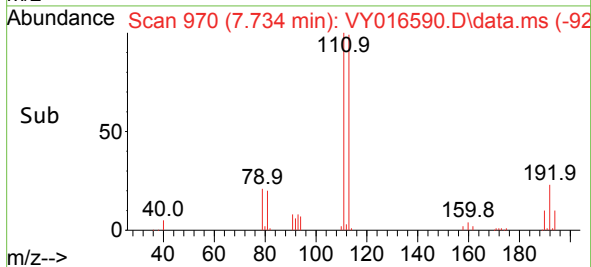
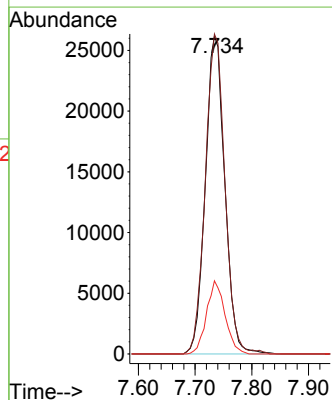
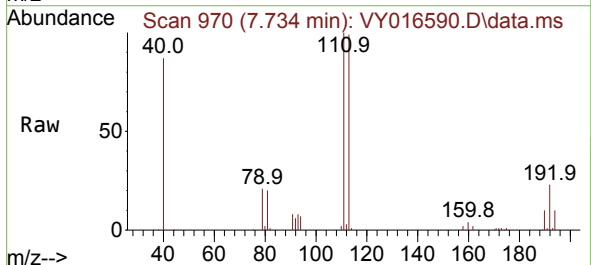
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBL01

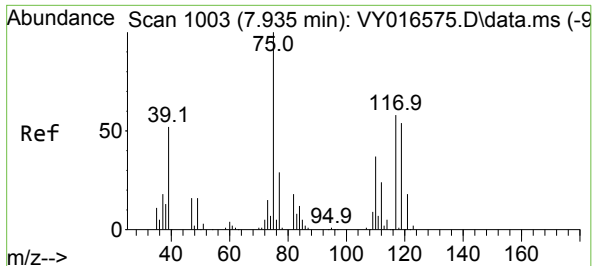
Tgt Ion:114 Resp: 213703
Ion Ratio Lower Upper
114 100
63 17.8 0.0 42.4
88 13.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.464 ug/l
RT: 7.734 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

Tgt Ion:113 Resp: 62328
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 21.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.725 ug/l

RT: 7.807 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY016590.D

Acq: 05 Dec 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBL01

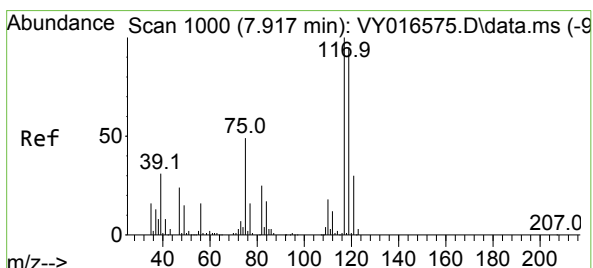
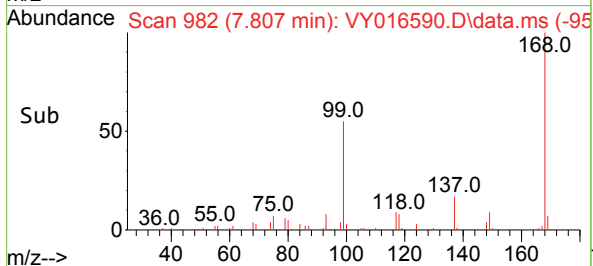
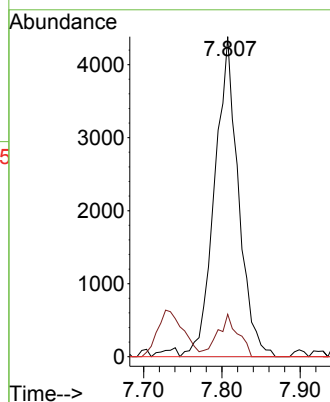
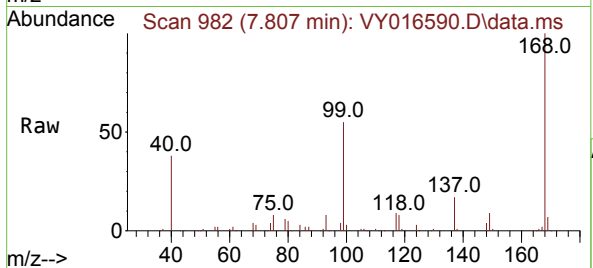
Tgt Ion: 75 Resp: 9237

Ion Ratio Lower Upper

75 100

110 11.4 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.526 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY016590.D

Acq: 05 Dec 2023 11:45

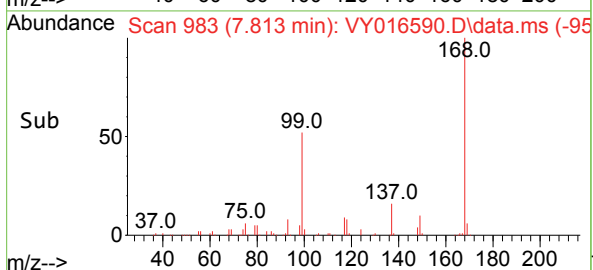
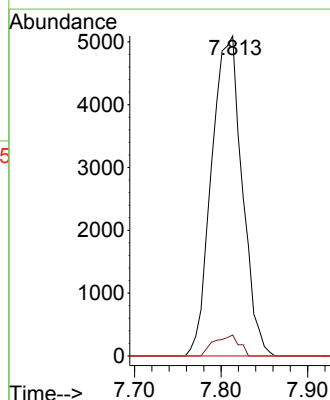
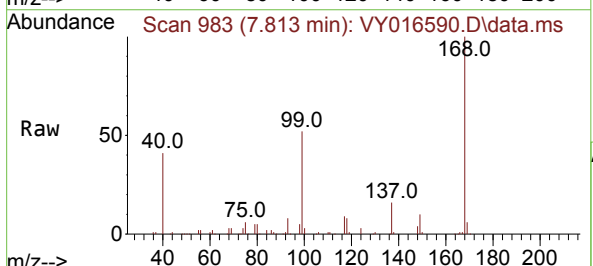
Tgt Ion: 117 Resp: 12506

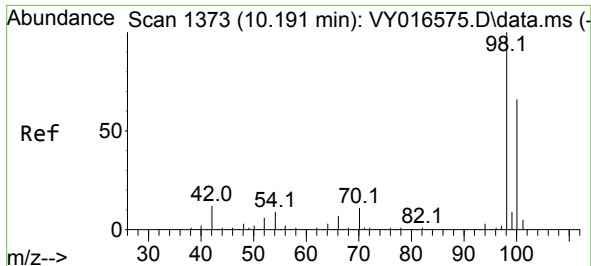
Ion Ratio Lower Upper

117 100

119 6.5 76.4 114.6#

121 0.0 25.8 38.6#

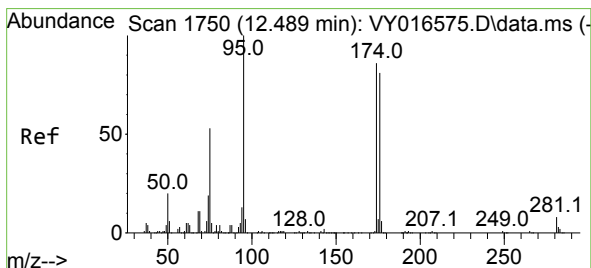
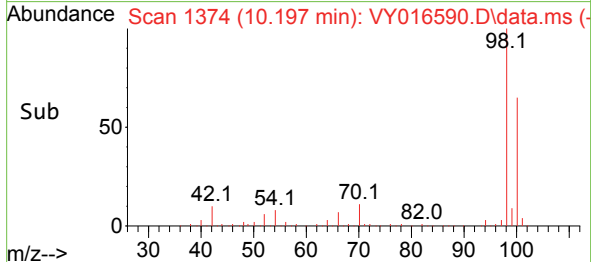
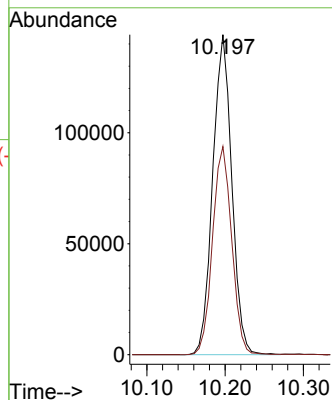
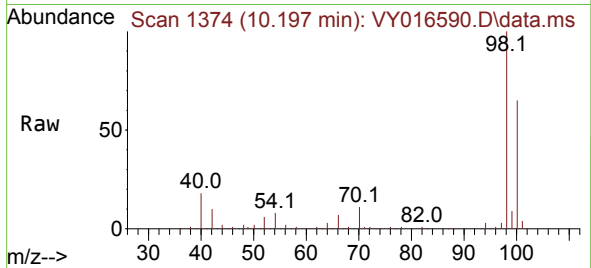




#50
Toluene-d8
Concen: 50.098 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

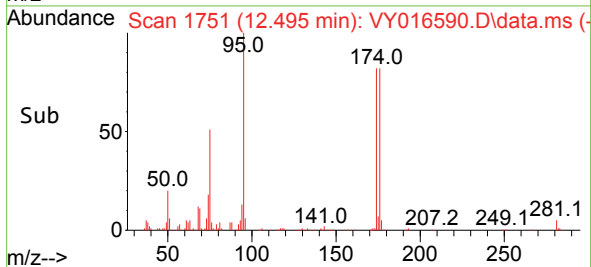
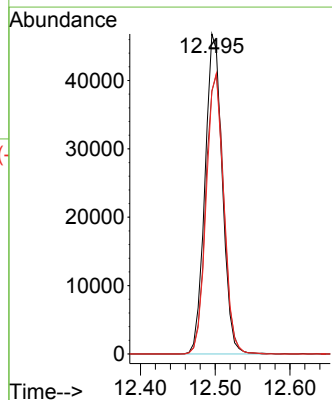
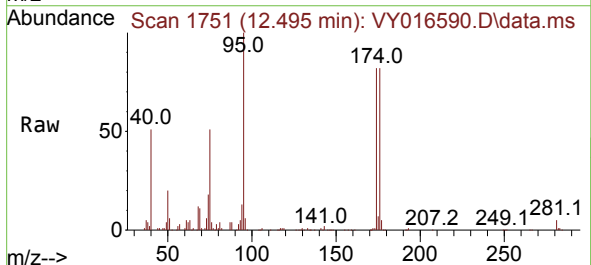
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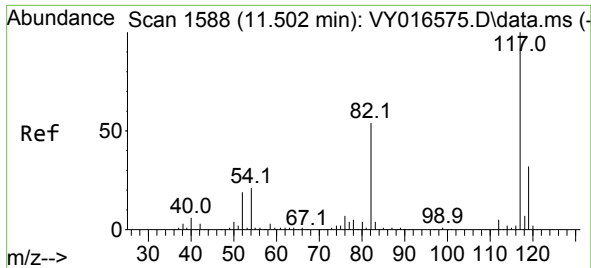
Tgt Ion: 98 Resp: 243707
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.027 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

Tgt Ion: 95 Resp: 75231
Ion Ratio Lower Upper
95 100
174 90.8 0.0 178.2
176 88.8 0.0 173.8

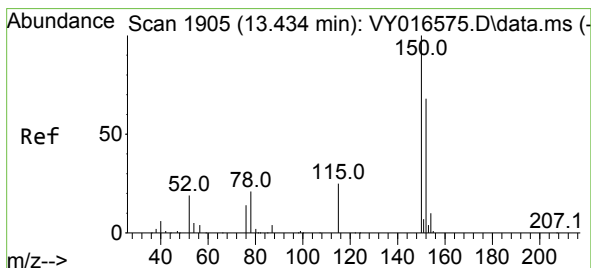
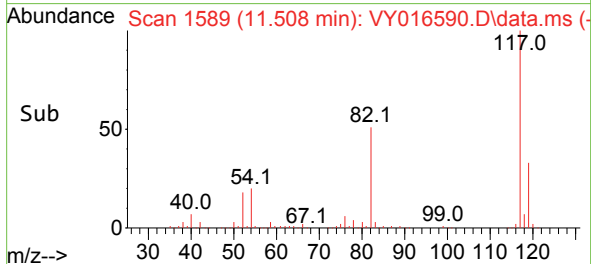
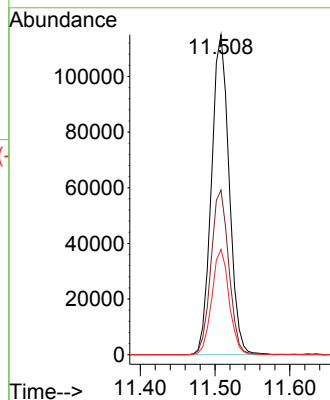
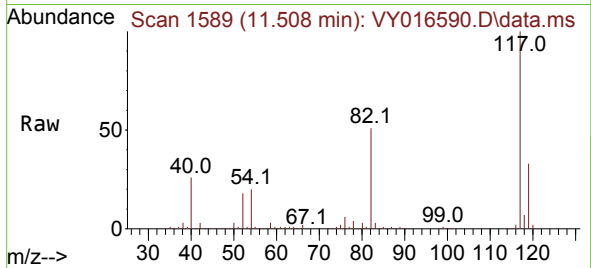




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

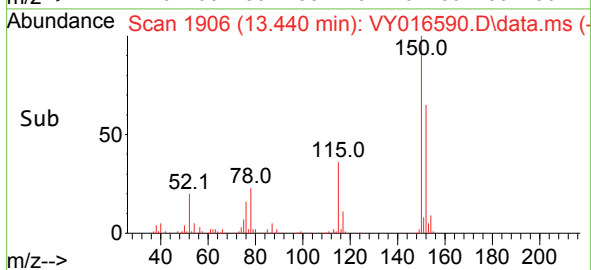
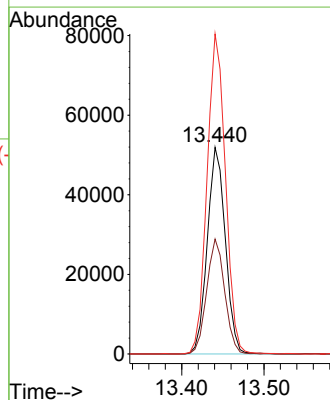
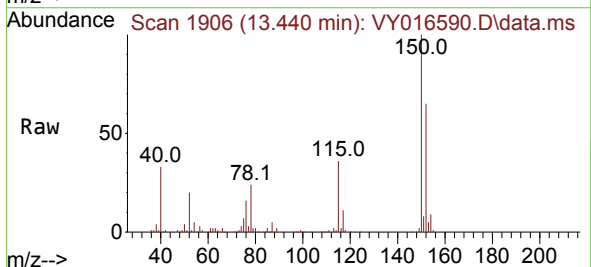
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBL01

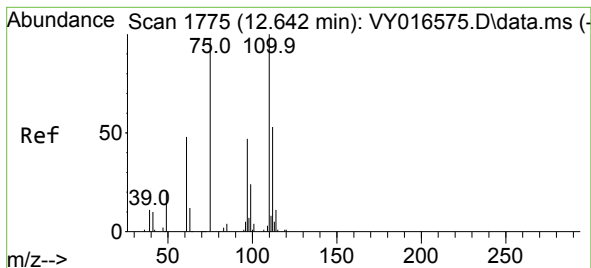
Tgt Ion:117 Resp: 189185
Ion Ratio Lower Upper
117 100
82 51.4 43.4 65.0
119 32.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

Tgt Ion:152 Resp: 79143
Ion Ratio Lower Upper
152 100
115 55.6 28.8 86.5
150 157.9 0.0 348.8

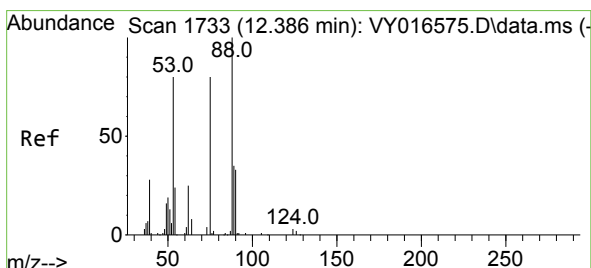
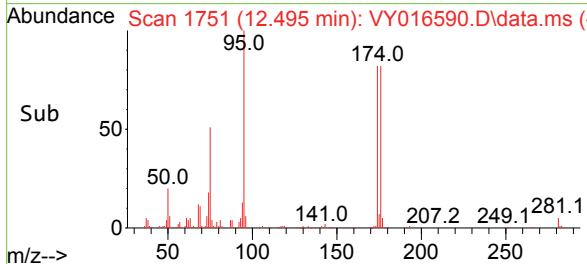
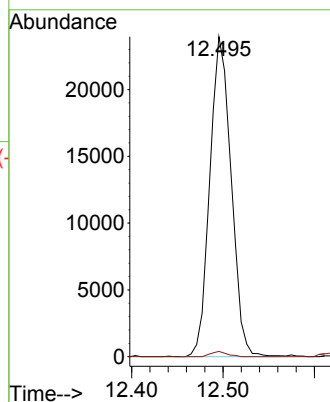
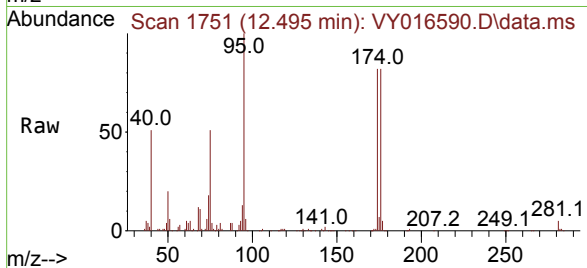




#76
1,2,3-Trichloropropane
Concen: 54.332 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBL01

Tgt Ion: 75 Resp: 38843
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.562 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

Tgt Ion: 75 Resp: 38843
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

