

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016561.D
 Acq On : 01 Dec 2023 14:56
 Operator : SY/MD
 Sample : 05590-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 23:38:37 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)

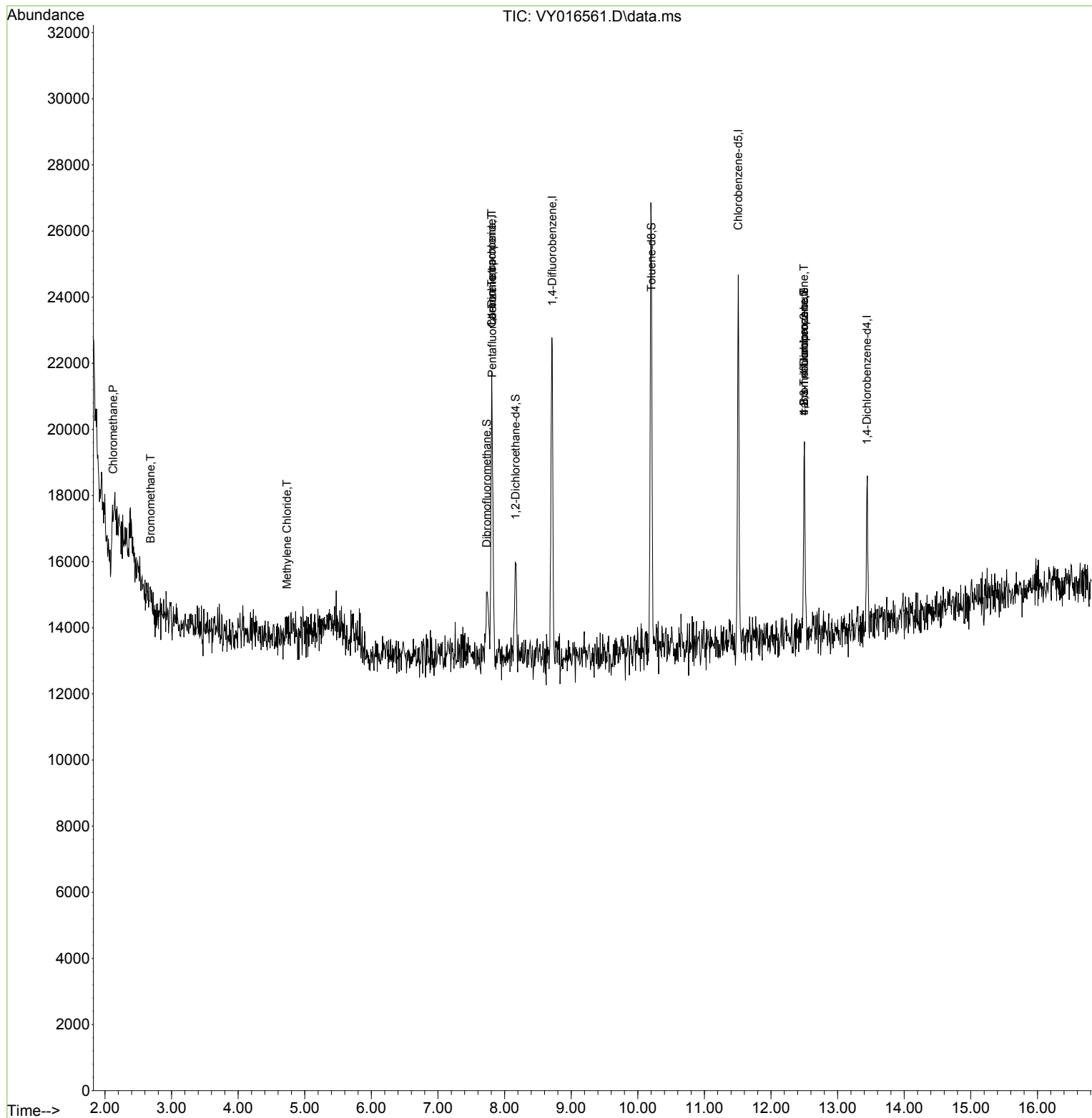
Internal Standards						
1) Pentafluorobenzene	7.813	168	6676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.715	114	9524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	6948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	1640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	2576	48.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.680%
35) Dibromofluoromethane	7.734	113	1981	35.440	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.880%
50) Toluene-d8	10.203	98	10157	46.850	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.700%
62) 4-Bromofluorobenzene	12.495	95	1960	28.819	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.640%
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	82	1.414	ug/l #	43
5) Bromomethane	2.686	94	72	1.699	ug/l #	53
20) Methylene Chloride	4.734	84	332	2.848	ug/l #	47
36) 1,1-Dichloropropene	7.807	75	349	4.228	ug/l #	41
38) Carbon Tetrachloride	7.807	117	583	6.018	ug/l #	12
76) 1,2,3-Trichloropropane	12.495	75	947	68.773	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	947	149.992	ug/l #	10

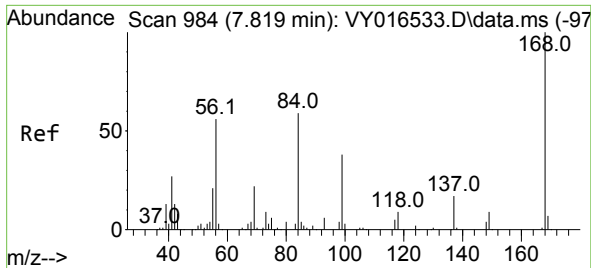
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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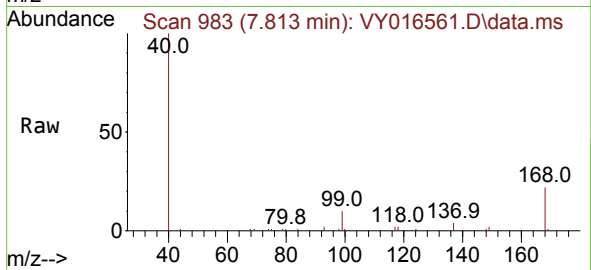
Quant Time: Dec 01 23:38:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 2023
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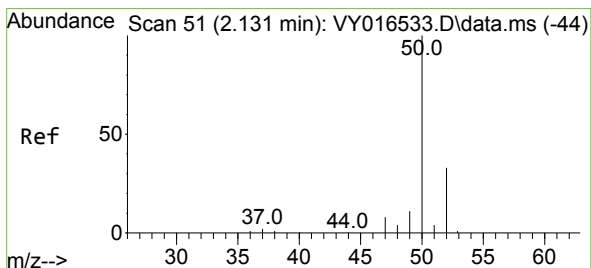
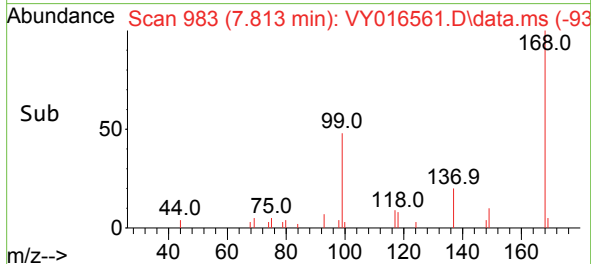
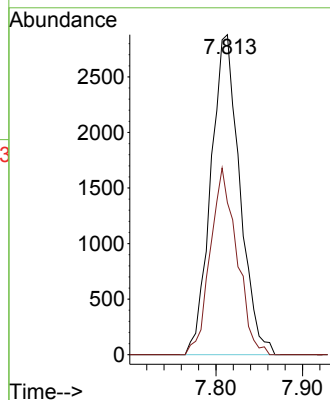


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016561.D
Acq: 01 Dec 2023 14:56

Instrument :
MSVOA_Y
ClientSampleId :

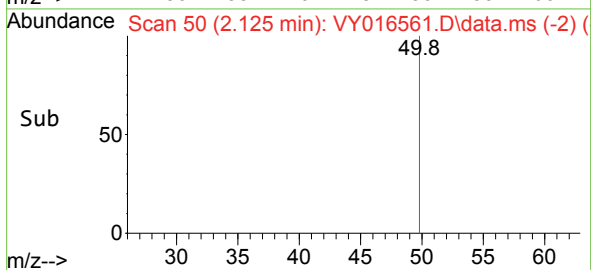
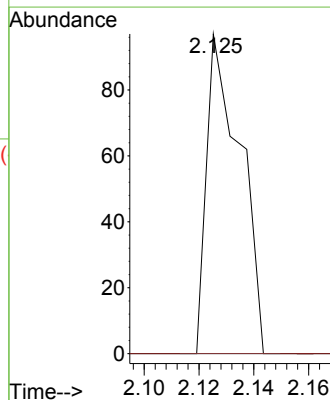
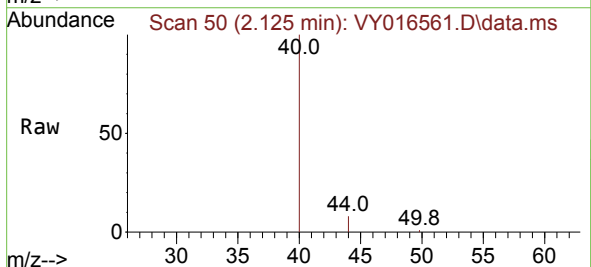


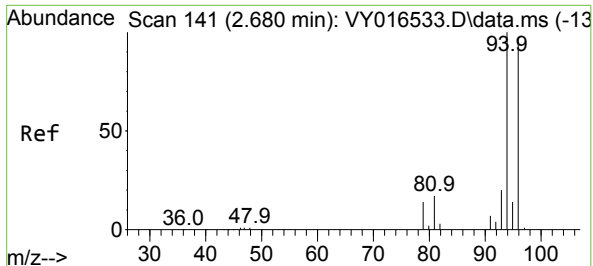
Tgt Ion:168 Resp: 6676
Ion Ratio Lower Upper
168 100
99 47.5 43.4 65.0



#3
Chloromethane
Concen: 1.414 ug/l
RT: 2.125 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY016561.D
Acq: 01 Dec 2023 14:56

Tgt Ion: 50 Resp: 82
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

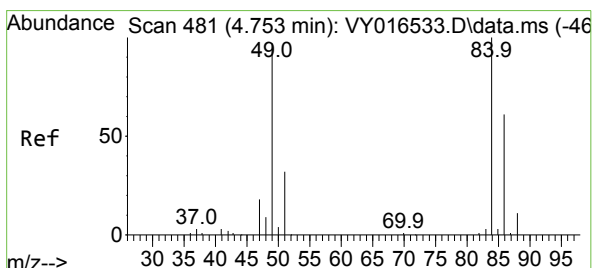
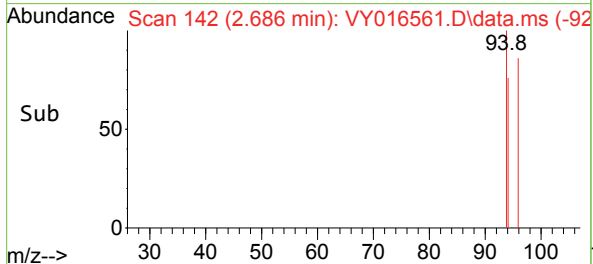
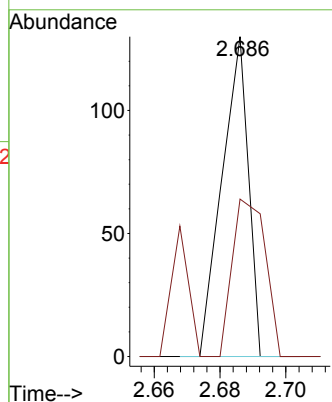
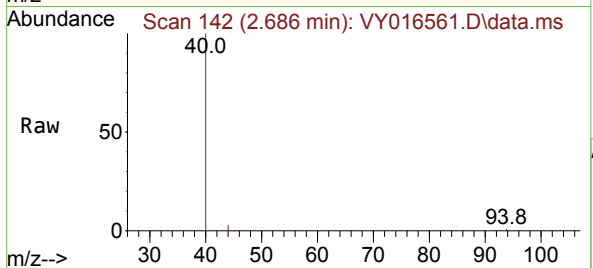




#5
Bromomethane
Concen: 1.699 ug/l
RT: 2.686 min Scan# 141
Delta R.T. 0.006 min
Lab File: VY016561.D
Acq: 01 Dec 2023 14:56

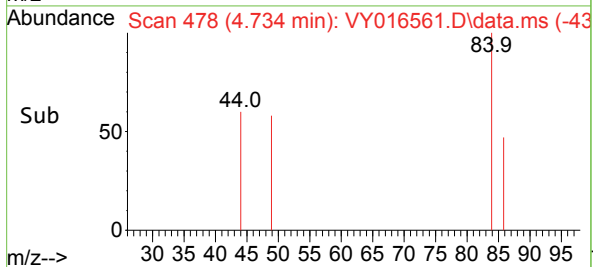
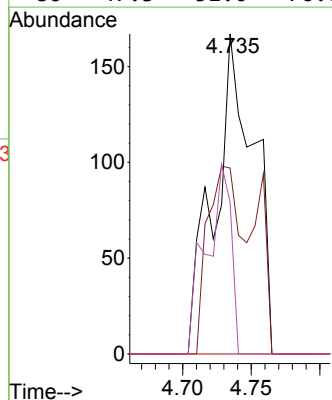
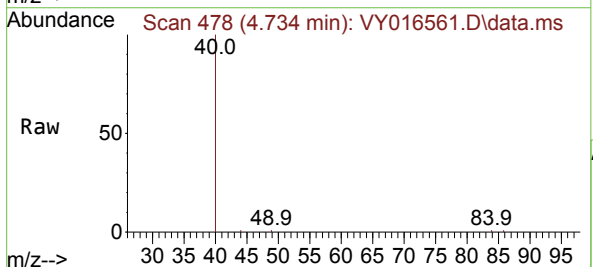
Instrument :
MSVOA_Y
ClientSampleId :

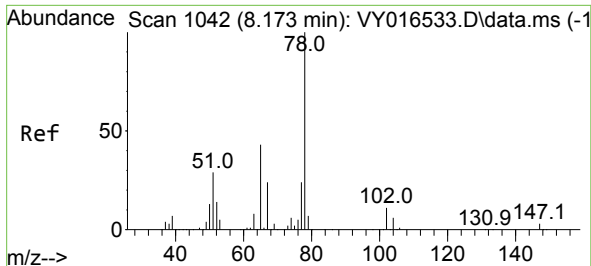
Tgt Ion: 94 Resp: 72
Ion Ratio Lower Upper
94 100
96 49.2 75.8 113.6#



#20
Methylene Chloride
Concen: 2.848 ug/l
RT: 4.734 min Scan# 478
Delta R.T. -0.019 min
Lab File: VY016561.D
Acq: 01 Dec 2023 14:56

Tgt Ion: 84 Resp: 332
Ion Ratio Lower Upper
84 100
49 58.1 106.9 160.3#
51 0.0 33.2 49.8#
86 47.3 51.0 76.6#





#33

1,2-Dichloroethane-d4

Concen: 48.840 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016561.D

Acq: 01 Dec 2023 14:56

Instrument :

MSVOA_Y

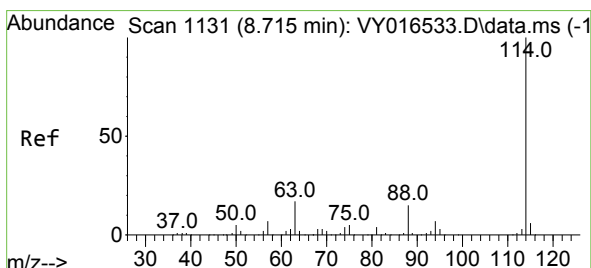
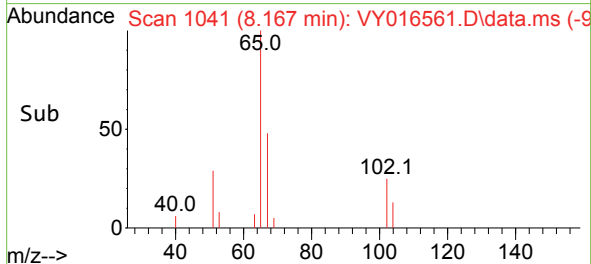
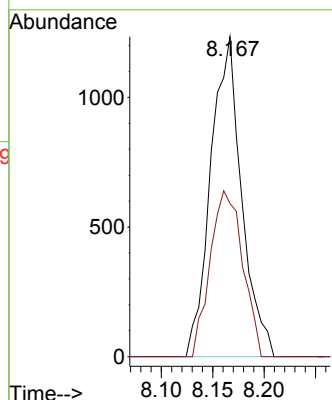
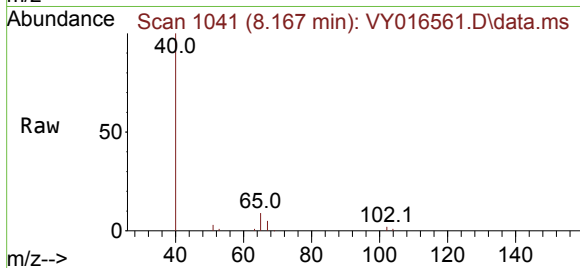
ClientSampleId :

Tgt Ion: 65 Resp: 2576

Ion Ratio Lower Upper

65 100

67 54.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY016561.D

Acq: 01 Dec 2023 14:56

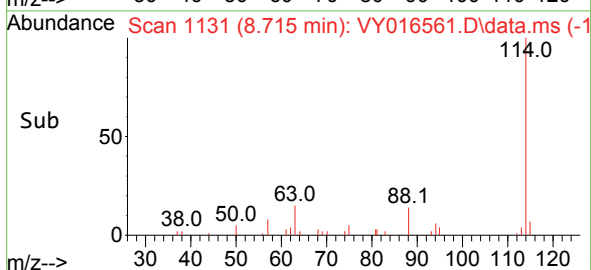
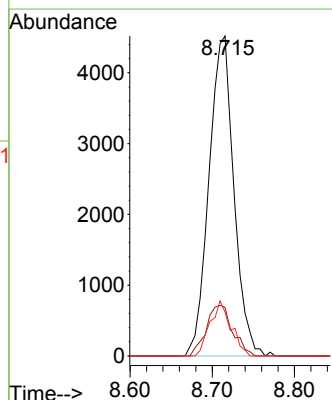
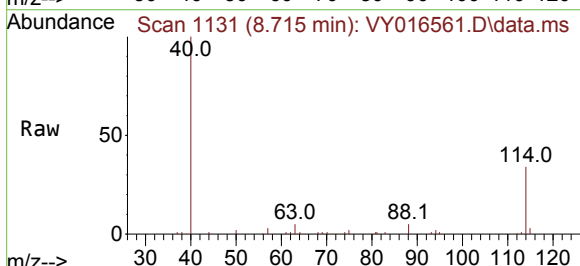
Tgt Ion: 114 Resp: 9524

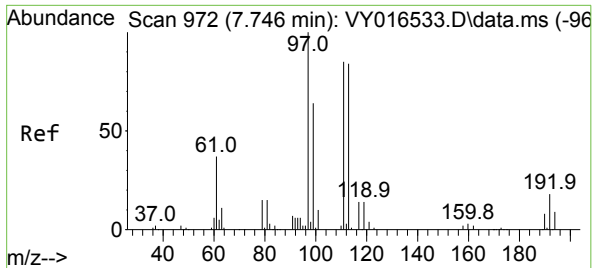
Ion Ratio Lower Upper

114 100

63 15.2 0.0 42.4

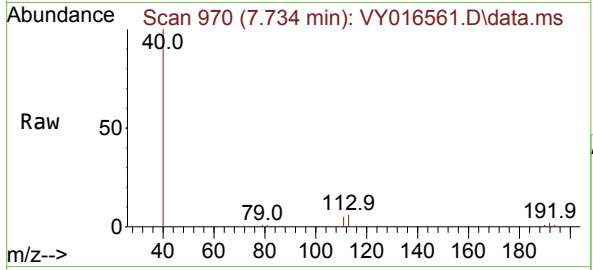
88 13.7 0.0 30.6



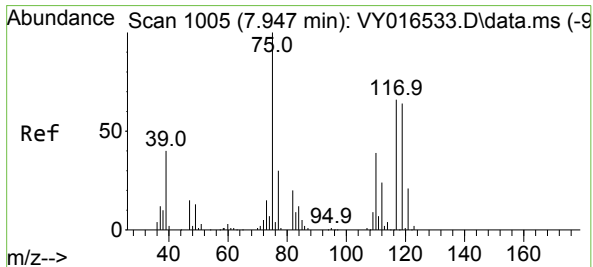
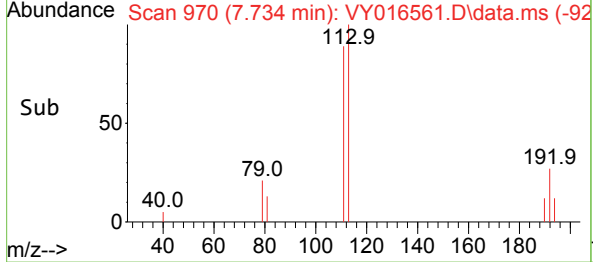
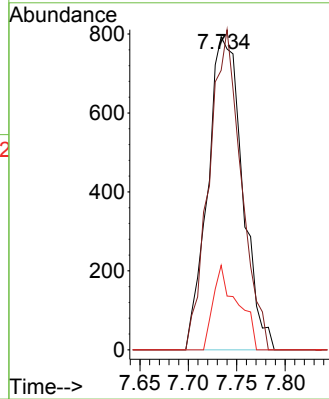


#35
Dibromofluoromethane
Concen: 35.440 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016561.D
Acq: 01 Dec 2023 14:56

Instrument :
MSVOA_Y
ClientSampleId :

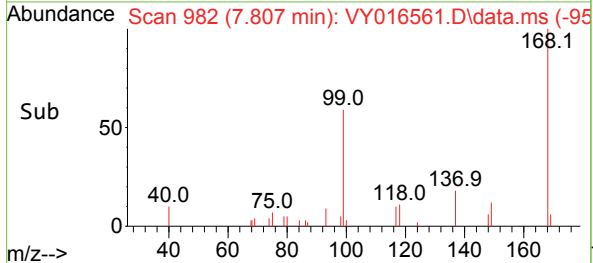
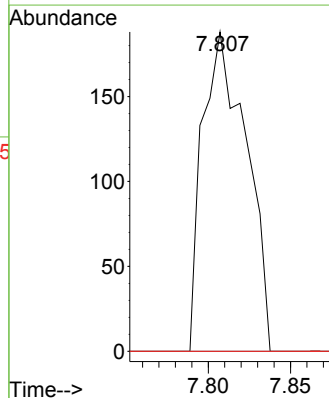
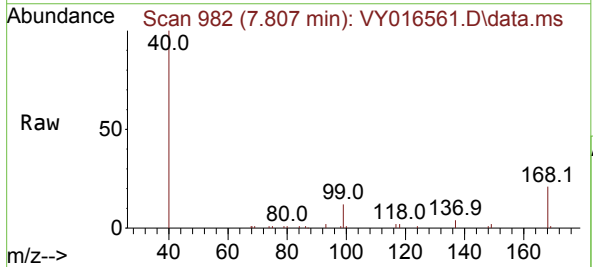


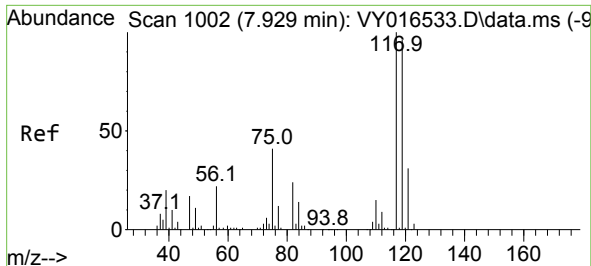
Tgt Ion:113 Resp: 1981
Ion Ratio Lower Upper
113 100
111 94.4 81.3 121.9
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.228 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.140 min
Lab File: VY016561.D
Acq: 01 Dec 2023 14:56

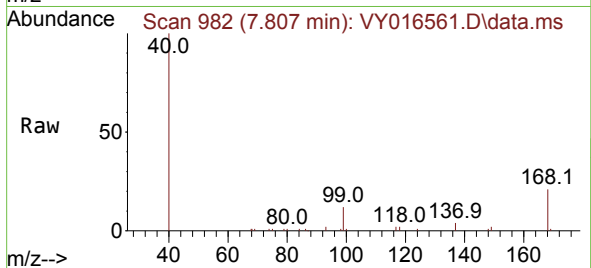
Tgt Ion: 75 Resp: 349
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#



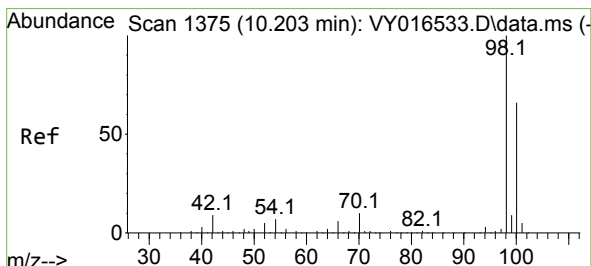
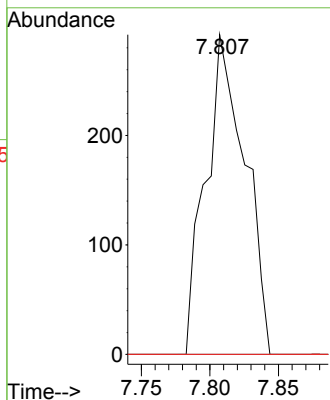
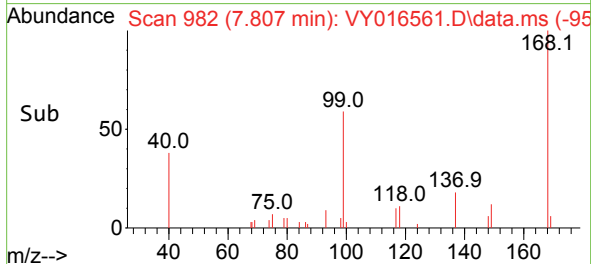


#38
Carbon Tetrachloride
Concen: 6.018 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016561.D
Acq: 01 Dec 2023 14:56

Instrument :
MSVOA_Y
ClientSampleId :

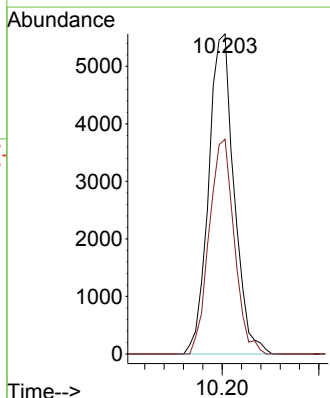
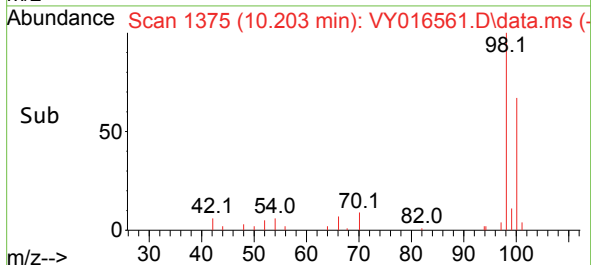
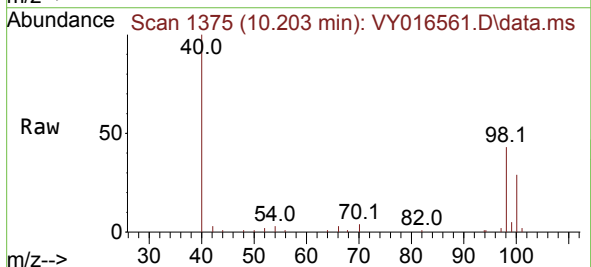


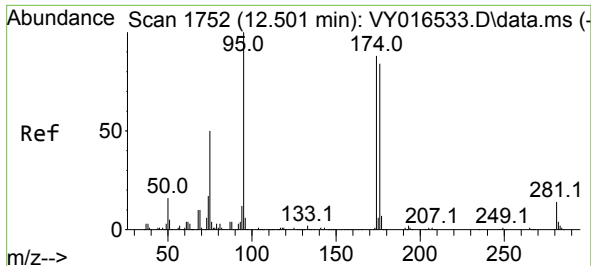
Tgt Ion:117 Resp: 583
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 46.850 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY016561.D
Acq: 01 Dec 2023 14:56

Tgt Ion: 98 Resp: 10157
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1

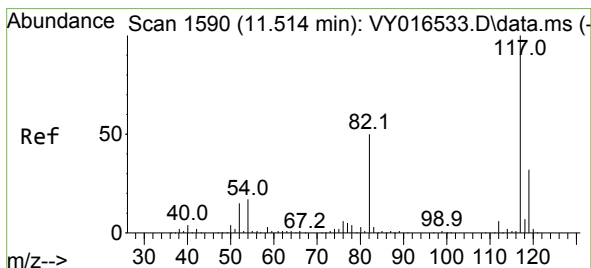
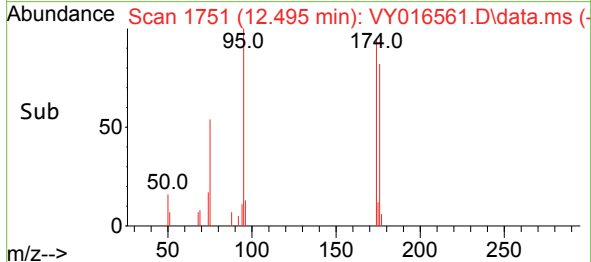
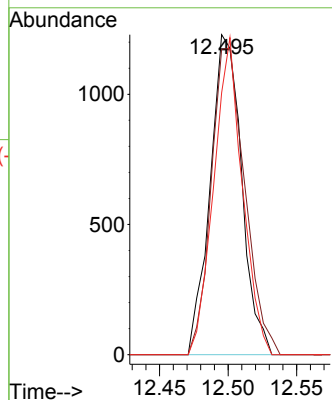
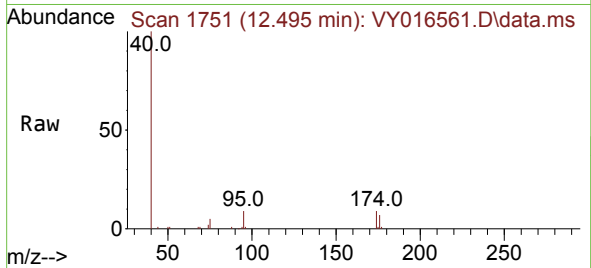




#62
4-Bromofluorobenzene
Concen: 28.819 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016561.D
Acq: 01 Dec 2023 14:56

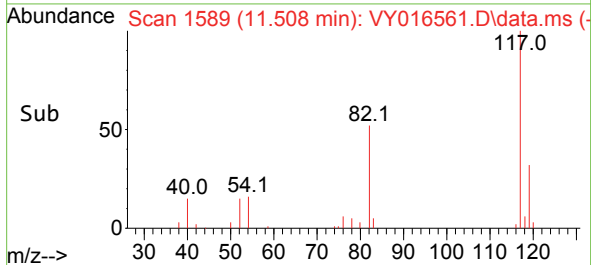
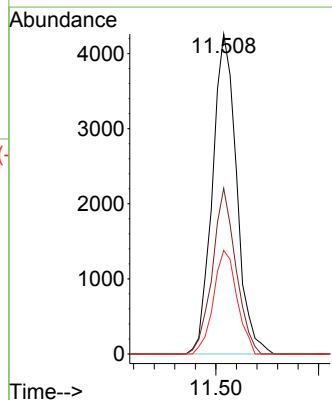
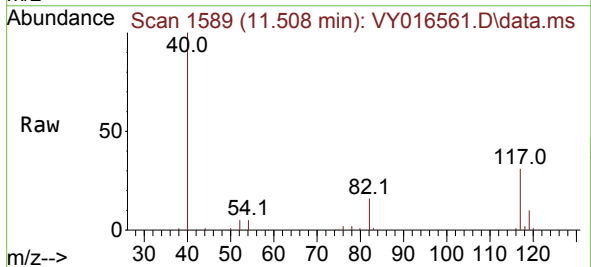
Instrument :
MSVOA_Y
ClientSampleId :

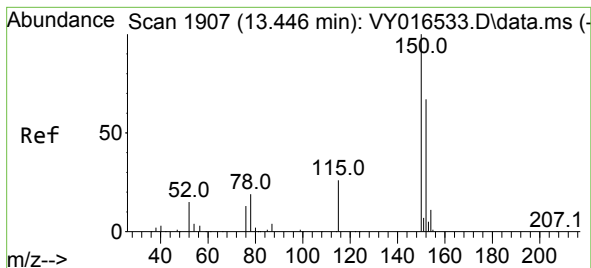
Tgt Ion: 95 Resp: 1960
Ion Ratio Lower Upper
95 100
174 102.4 0.0 178.2
176 90.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. -0.006 min
Lab File: VY016561.D
Acq: 01 Dec 2023 14:56

Tgt Ion: 117 Resp: 6948
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 32.4 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1907

Delta R.T. -0.006 min

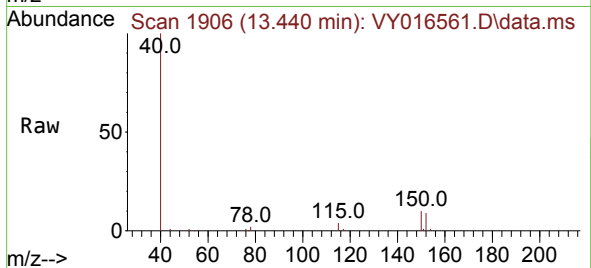
Lab File: VY016561.D

Acq: 01 Dec 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :



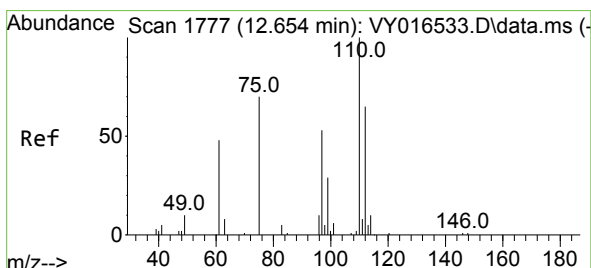
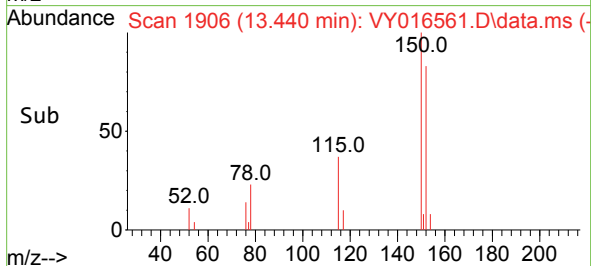
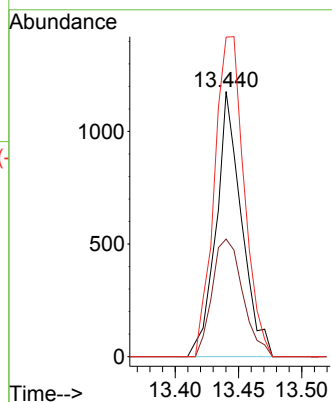
Tgt Ion:152 Resp: 1640

Ion Ratio Lower Upper

152 100

115 53.5 28.8 86.5

150 141.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 68.773 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.159 min

Lab File: VY016561.D

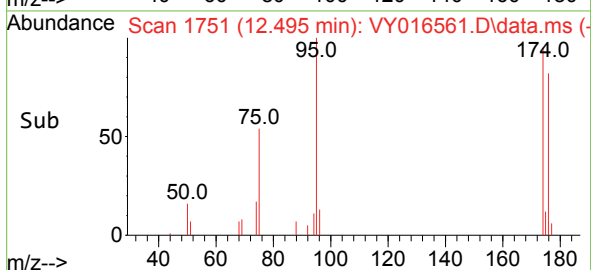
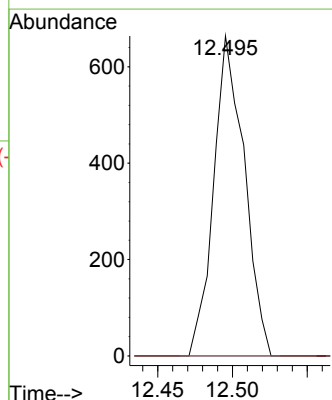
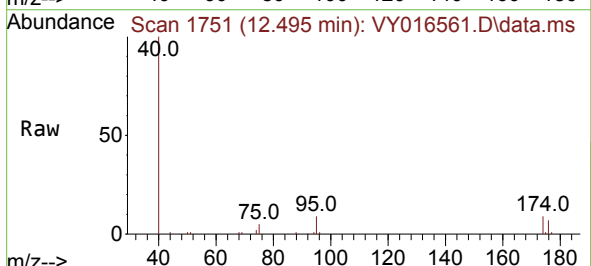
Acq: 01 Dec 2023 14:56

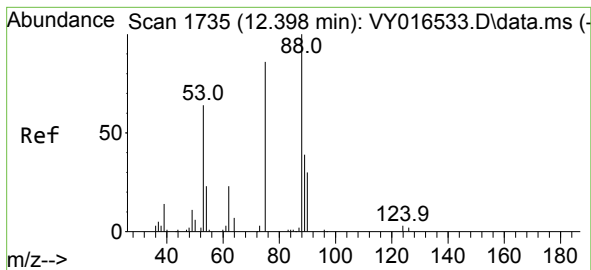
Tgt Ion: 75 Resp: 947

Ion Ratio Lower Upper

75 100

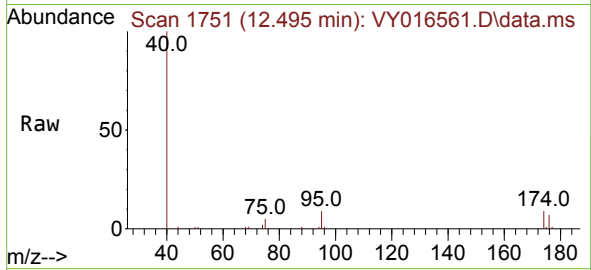
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 149.992 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY016561.D
 Acq: 01 Dec 2023 14:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 947
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

