

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016560.D
 Acq On : 01 Dec 2023 14:33
 Operator : SY/MD
 Sample : 05590-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 23:38:18 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)

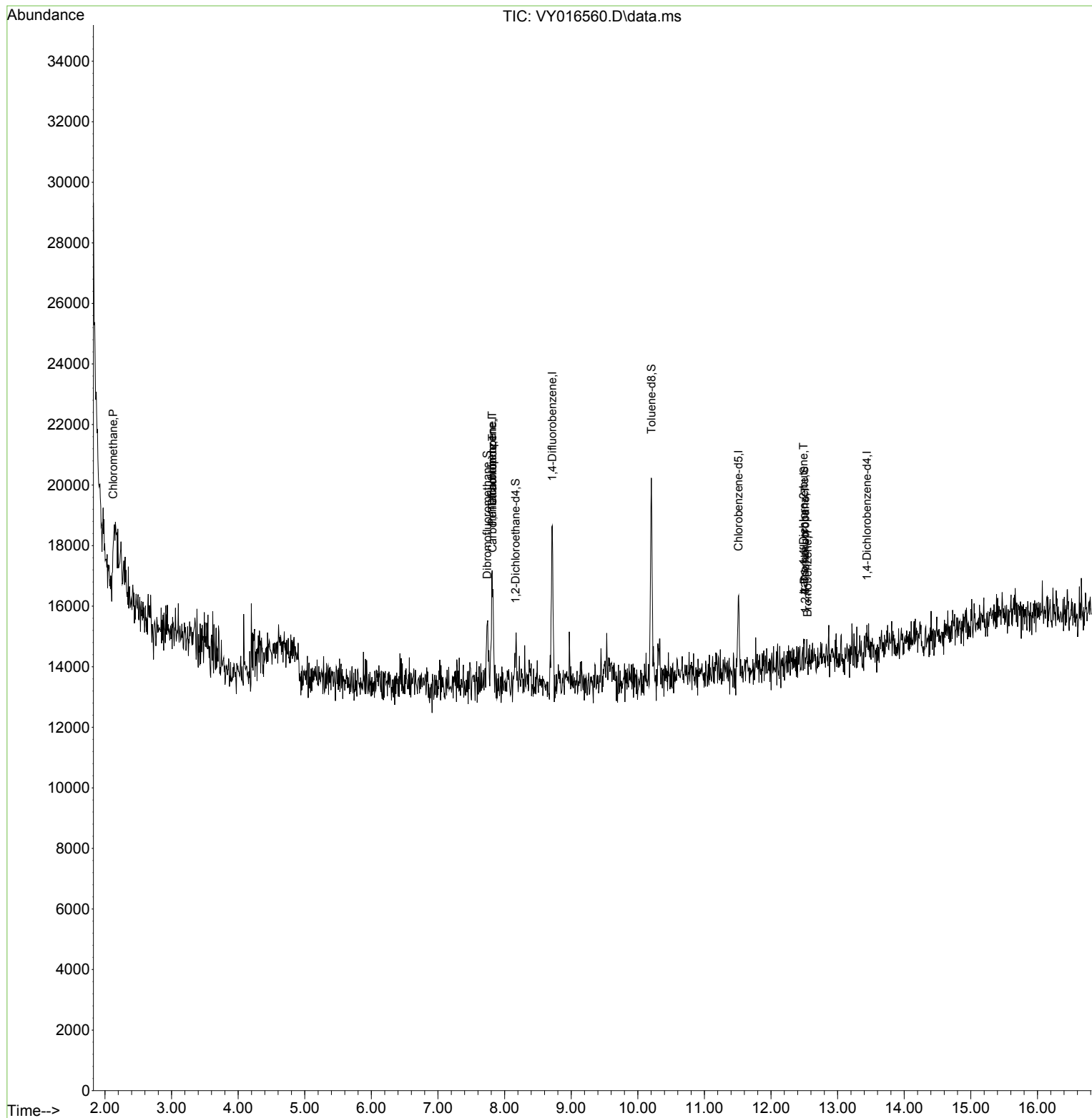
Internal Standards						
1) Pentafluorobenzene	7.813	168	3481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.716	114	5356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	1976	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	1332	48.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.860%
35) Dibromofluoromethane	7.740	113	1451	46.159	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.320%
50) Toluene-d8	10.203	98	4829	39.608	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.220%
62) 4-Bromofluorobenzene	12.501	95	323	8.445	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	16.900%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	41	1.355	ug/l #	43
20) Methylene Chloride	4.753	84	51	Below Cal	#	4
36) 1,1-Dichloropropene	7.813	75	180	3.878	ug/l #	41
38) Carbon Tetrachloride	7.819	117	319	5.855	ug/l #	12
76) 1,2,3-Trichloropropane	12.514	75	39	18.805	ug/l #	100
77) Bromobenzene	12.550	156	21	4.815	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.489	75	34	35.756	ug/l #	10

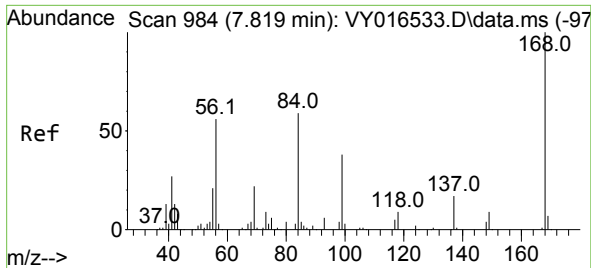
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

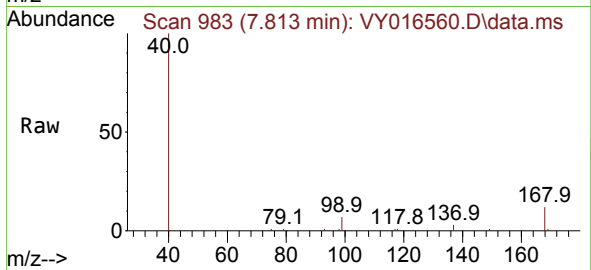
Quant Time: Dec 01 23:38:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
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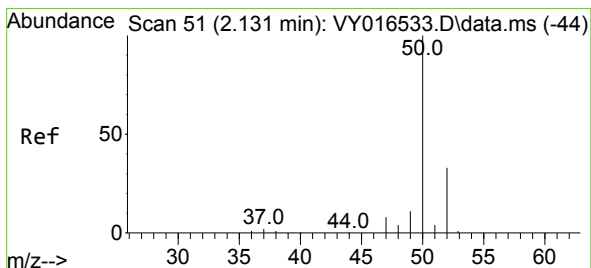
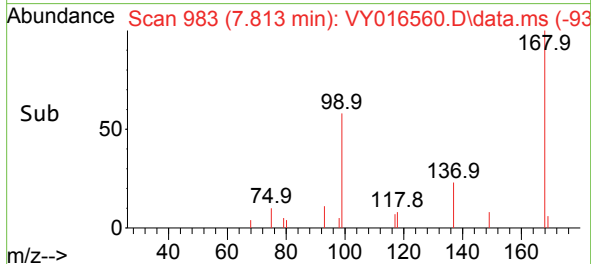
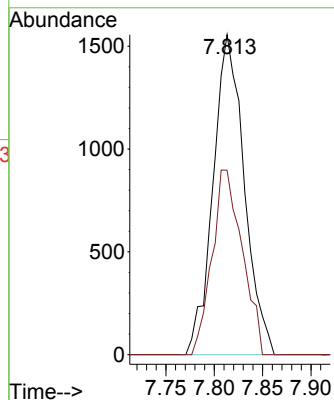


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016560.D
Acq: 01 Dec 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :

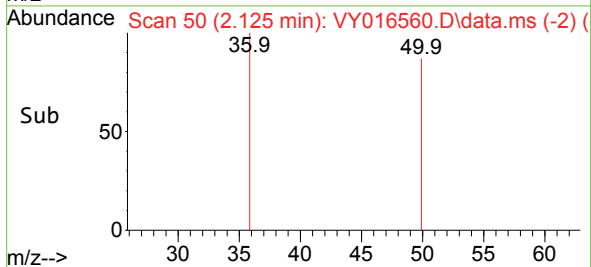
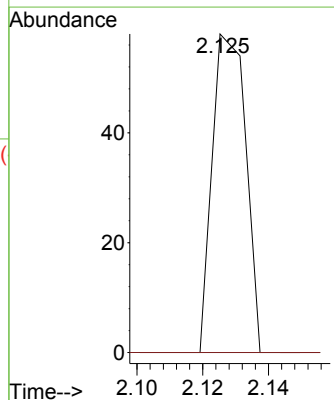
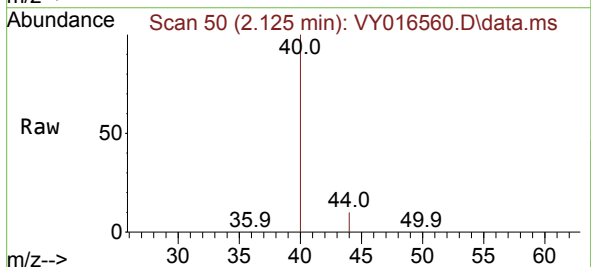


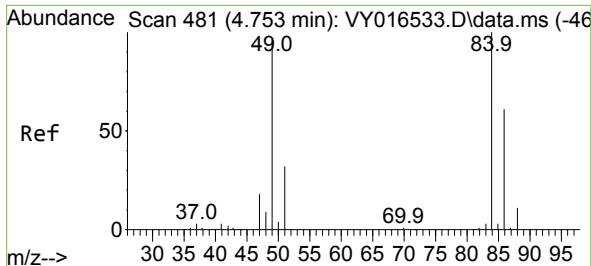
Tgt Ion:168 Resp: 3481
Ion Ratio Lower Upper
168 100
99 57.6 43.4 65.0



#3
Chloromethane
Concen: 1.355 ug/l
RT: 2.125 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY016560.D
Acq: 01 Dec 2023 14:33

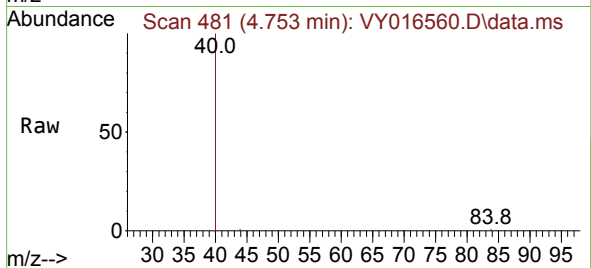
Tgt Ion: 50 Resp: 41
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



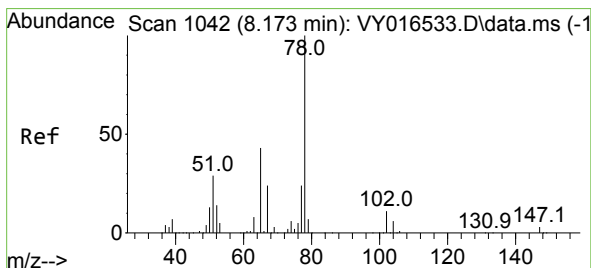
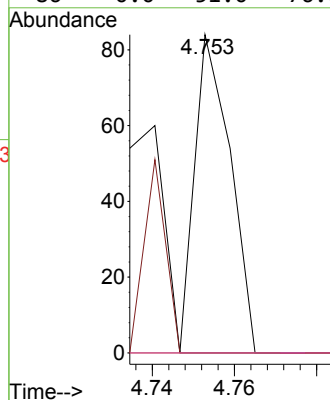
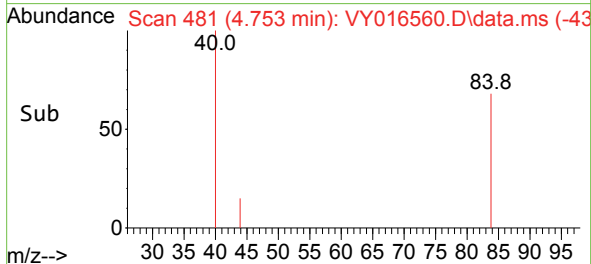


#20
Methylene Chloride
Concen: Below Cal
RT: 4.753 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016560.D
Acq: 01 Dec 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :

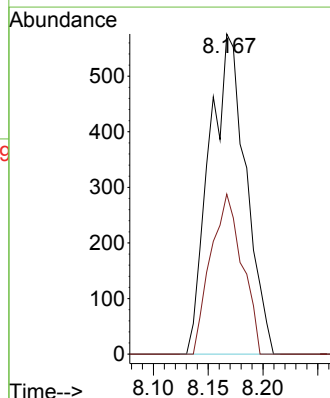
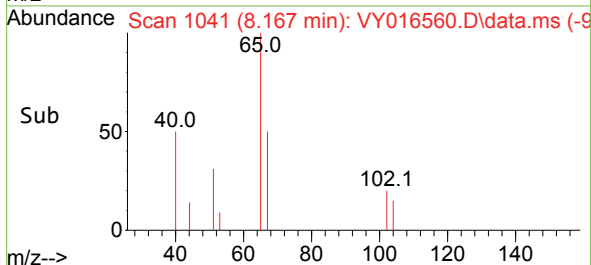
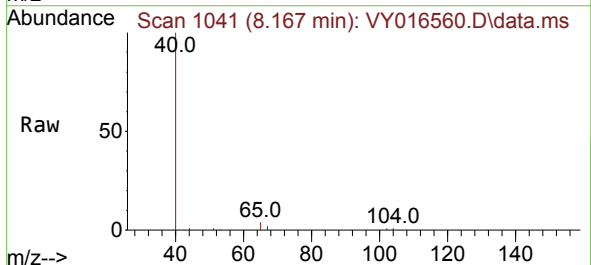


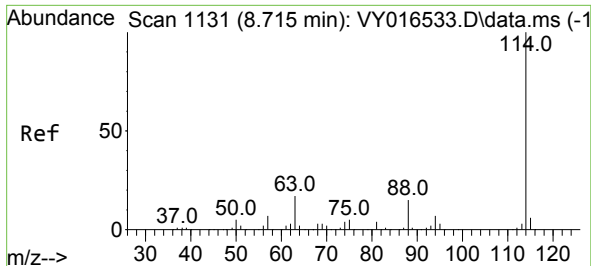
Tgt Ion: 84 Resp: 51
Ion Ratio Lower Upper
84 100
49 0.0 106.9 160.3#
51 0.0 33.2 49.8#
86 0.0 51.0 76.6#



#33
1,2-Dichloroethane-d4
Concen: 48.434 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016560.D
Acq: 01 Dec 2023 14:33

Tgt Ion: 65 Resp: 1332
Ion Ratio Lower Upper
65 100
67 43.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY016560.D

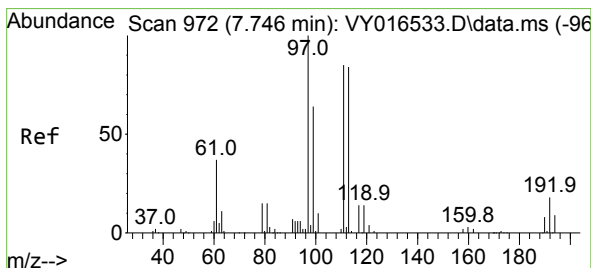
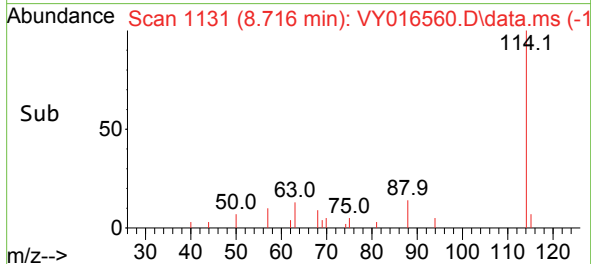
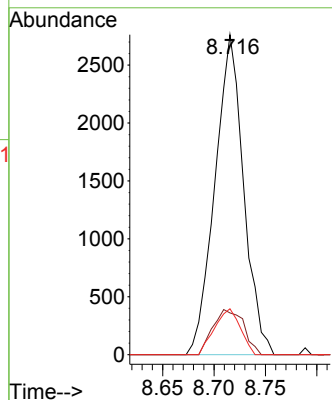
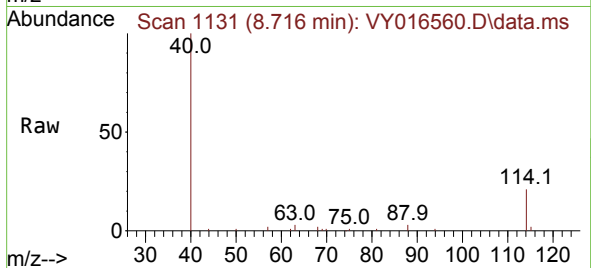
Acq: 01 Dec 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	5356
Ion Ratio	Lower	Upper
114	100	
63	13.0	0.0 42.4
88	14.4	0.0 30.6



#35

Dibromofluoromethane

Concen: 46.159 ug/l

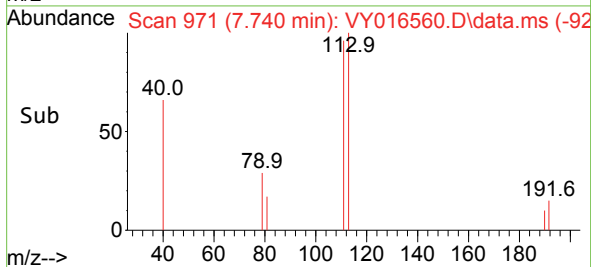
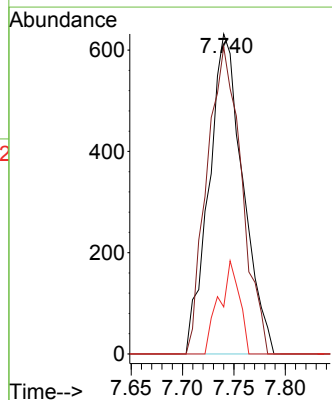
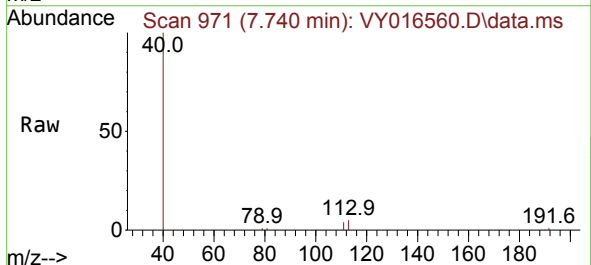
RT: 7.740 min Scan# 971

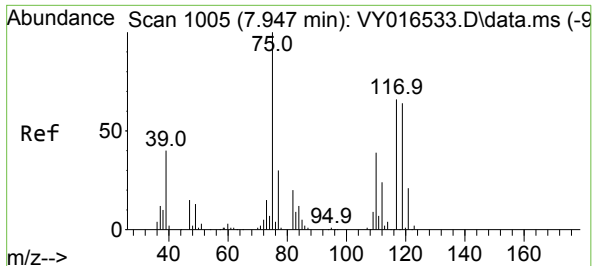
Delta R.T. -0.006 min

Lab File: VY016560.D

Acq: 01 Dec 2023 14:33

Tgt Ion:113	Resp:	1451
Ion Ratio	Lower	Upper
113	100	
111	98.1	81.3 121.9
192	17.3	16.9 25.3

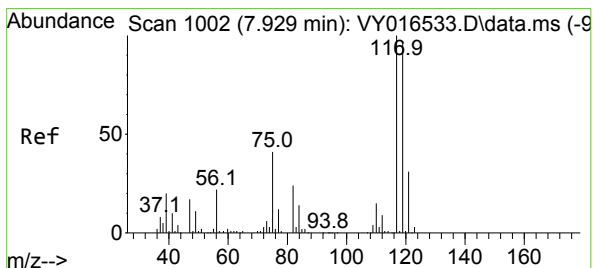
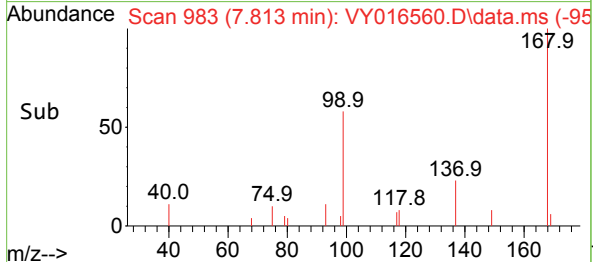
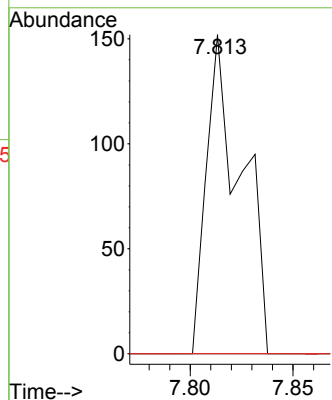
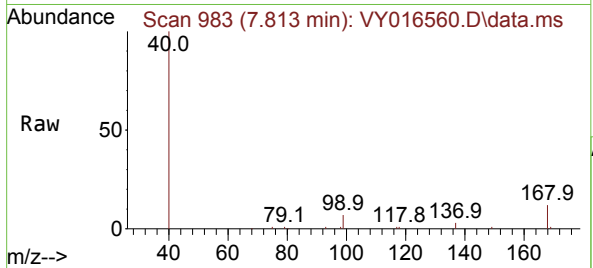




#36
1,1-Dichloropropene
Concen: 3.878 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY016560.D
Acq: 01 Dec 2023 14:33

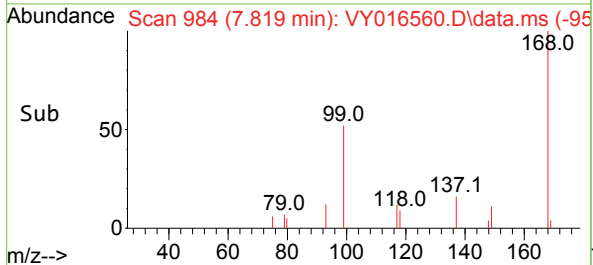
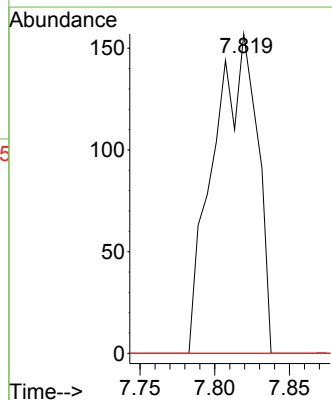
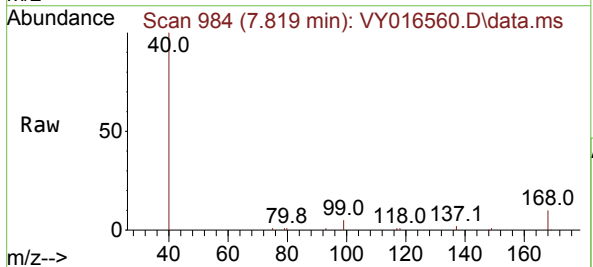
Instrument :
MSVOA_Y
ClientSampleId :

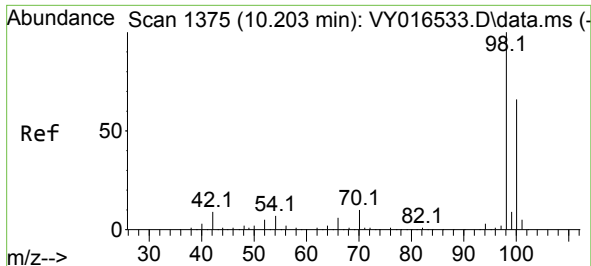
Tgt Ion: 75 Resp: 180
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.855 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.110 min
Lab File: VY016560.D
Acq: 01 Dec 2023 14:33

Tgt Ion: 117 Resp: 319
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 39.608 ug/l

RT: 10.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016560.D

Acq: 01 Dec 2023 14:33

Instrument :

MSVOA_Y

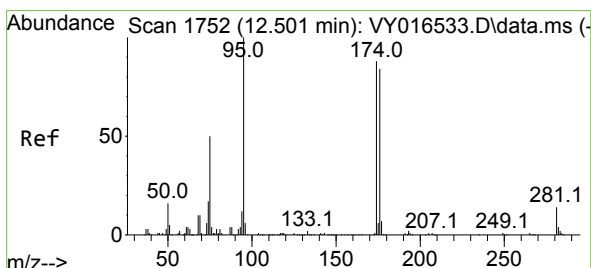
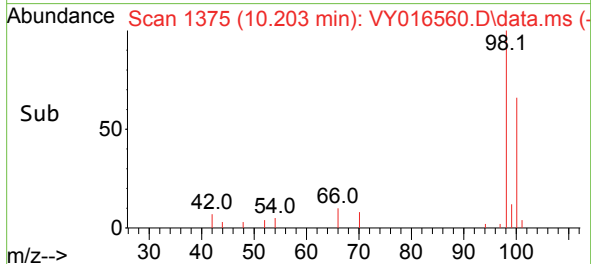
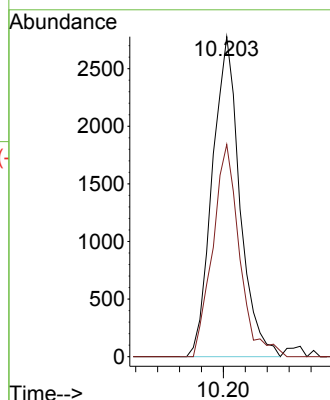
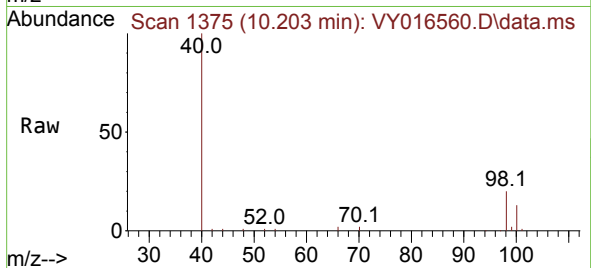
ClientSampleId :

Tgt Ion: 98 Resp: 4829

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 8.445 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY016560.D

Acq: 01 Dec 2023 14:33

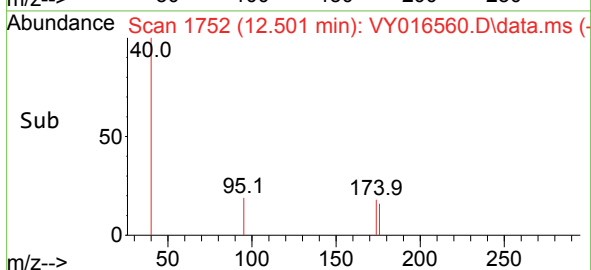
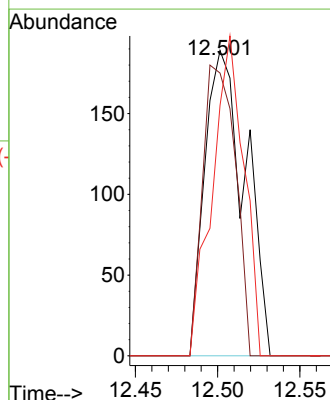
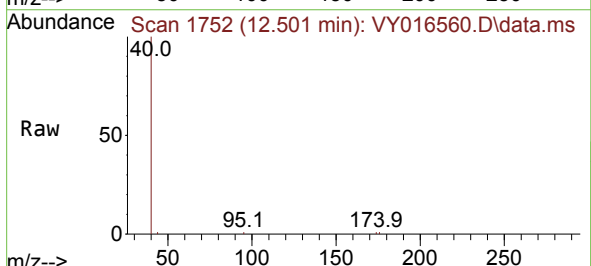
Tgt Ion: 95 Resp: 323

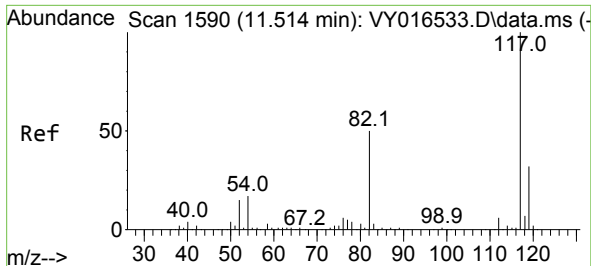
Ion Ratio Lower Upper

95 100

174 77.4 0.0 178.2

176 82.4 0.0 173.8

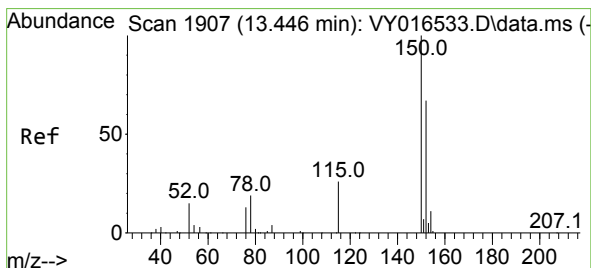
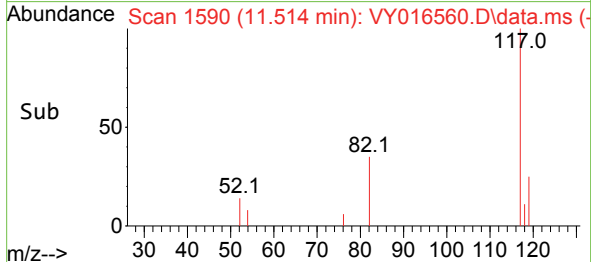
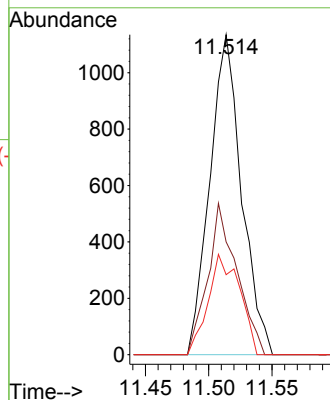
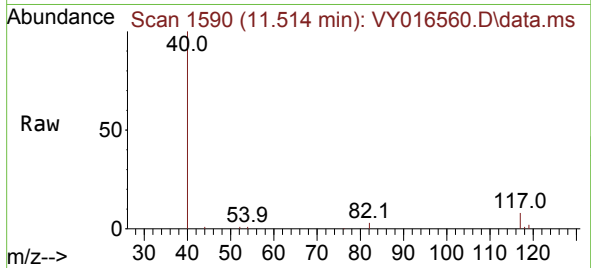




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016560.D
Acq: 01 Dec 2023 14:33

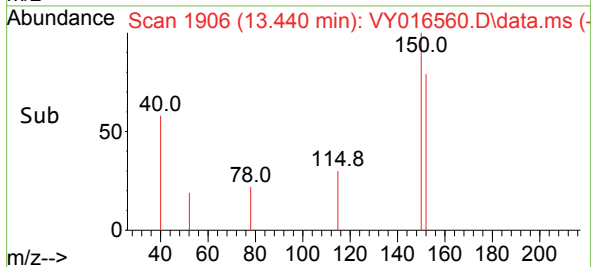
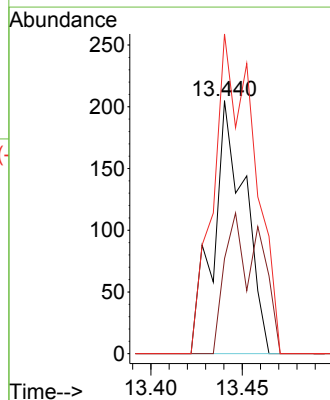
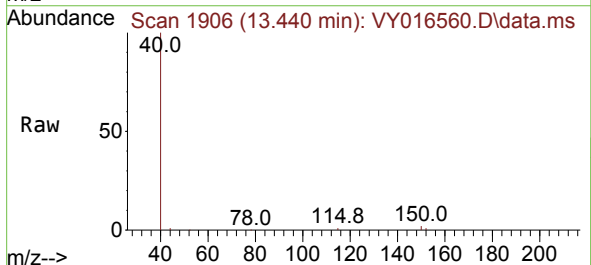
Instrument :
MSVOA_Y
ClientSampleId :

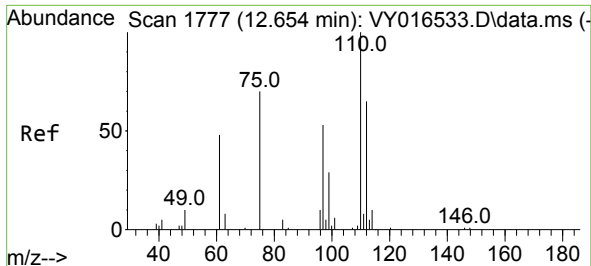
Tgt Ion:117 Resp: 1976
Ion Ratio Lower Upper
117 100
82 35.2 43.4 65.0#
119 25.0 26.3 39.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY016560.D
Acq: 01 Dec 2023 14:33

Tgt Ion:152 Resp: 247
Ion Ratio Lower Upper
152 100
115 60.3 28.8 86.5
150 163.2 0.0 348.8

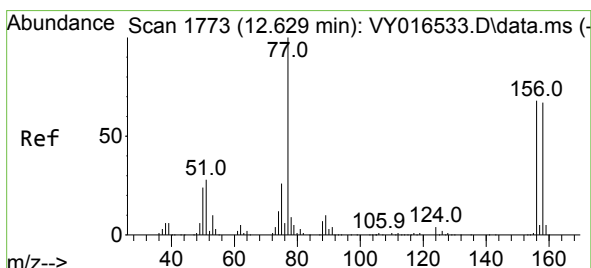
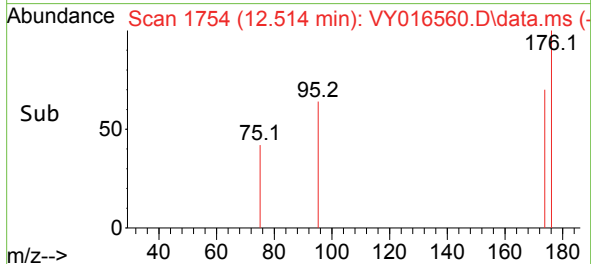
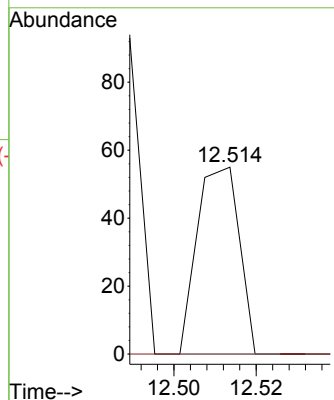
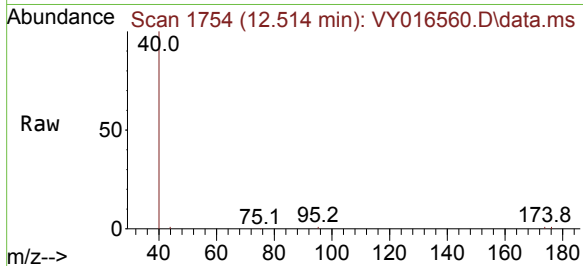




#76
1,2,3-Trichloropropane
Concen: 18.805 ug/l
RT: 12.514 min Scan# 1754
Delta R.T. -0.140 min
Lab File: VY016560.D
Acq: 01 Dec 2023 14:33

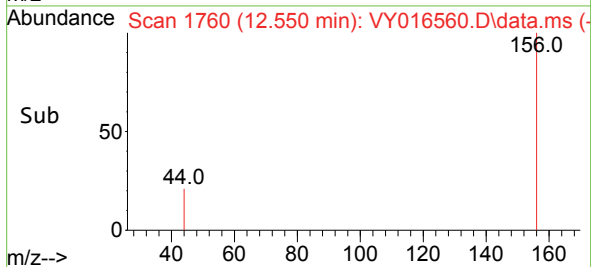
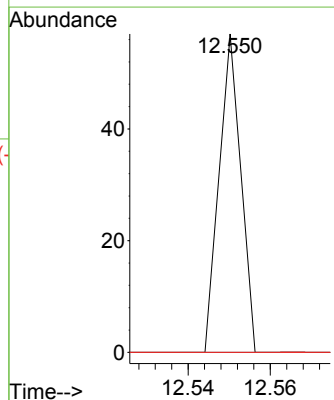
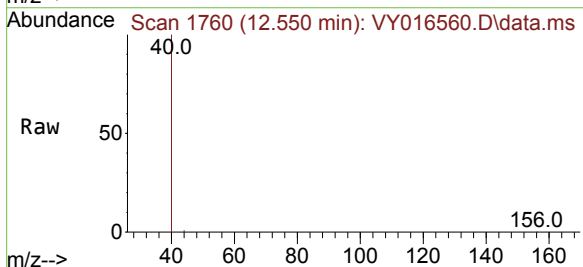
Instrument :
MSVOA_Y
ClientSampleId :

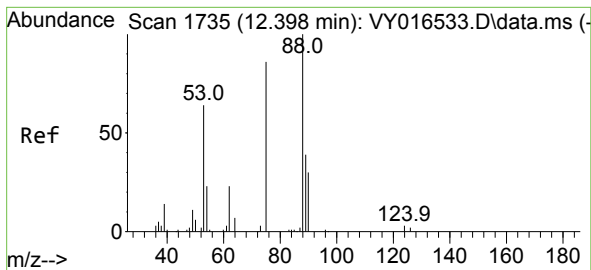
Tgt Ion: 75 Resp: 39
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 4.815 ug/l
RT: 12.550 min Scan# 1760
Delta R.T. -0.079 min
Lab File: VY016560.D
Acq: 01 Dec 2023 14:33

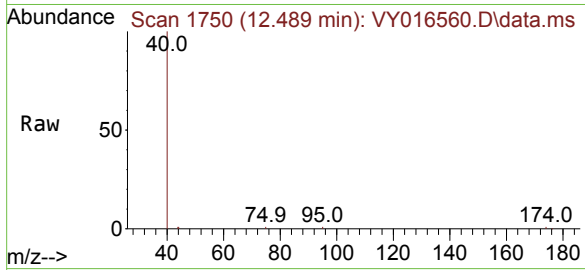
Tgt Ion: 156 Resp: 21
Ion Ratio Lower Upper
156 100
77 0.0 92.8 278.6#
158 0.0 48.4 145.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 35.756 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.091 min
 Lab File: VY016560.D
 Acq: 01 Dec 2023 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 34
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

