

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016518.D
 Acq On : 28 Nov 2023 14:13
 Operator : SY/MD
 Sample : 05470-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 29 03:08:22 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)

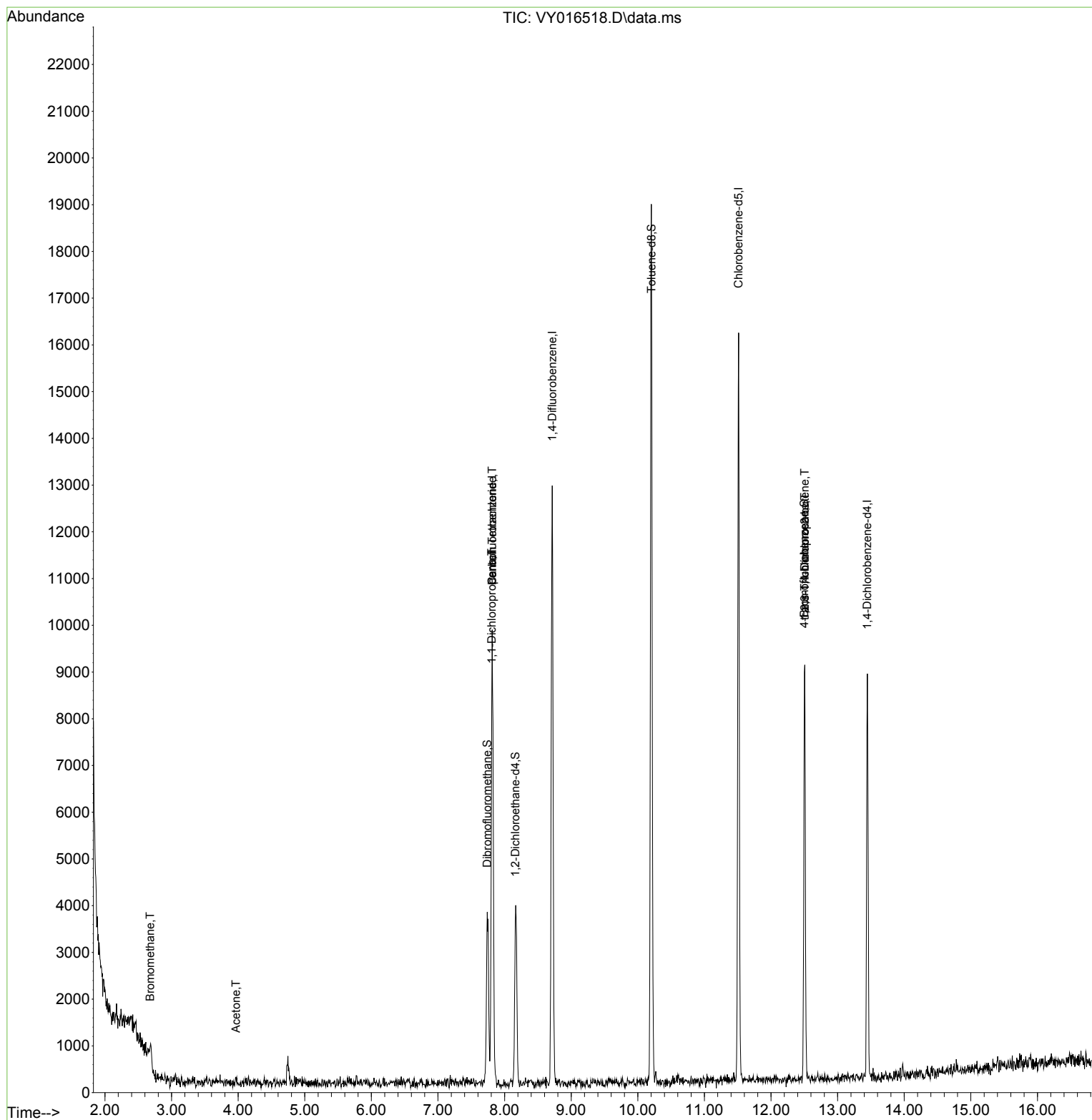
Internal Standards						
1) Pentafluorobenzene	7.813	168	8049	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	12617	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	10064	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	2730	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	3511	47.727	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.460%
35) Dibromofluoromethane	7.740	113	3119	43.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.040%
50) Toluene-d8	10.203	98	13435	46.224	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.440%
62) 4-Bromofluorobenzene	12.502	95	3173	33.613	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.220%
Target Compounds						Qvalue
5) Bromomethane	2.680	94	98	1.502	ug/l	97
16) Acetone	3.966	43	75	6.163	ug/l #	46
36) 1,1-Dichloropropene	7.807	75	606	4.869	ug/l #	41
38) Carbon Tetrachloride	7.813	117	843	6.527	ug/l #	12
76) 1,2,3-Trichloropropane	12.508	75	1556	59.415	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.508	75	1556	128.965	ug/l #	10

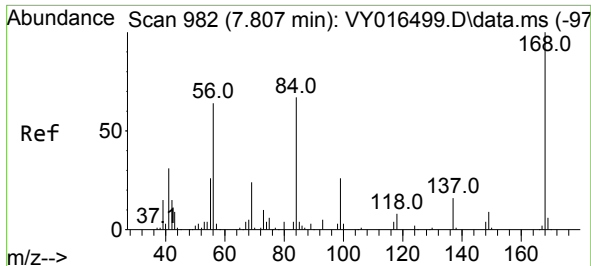
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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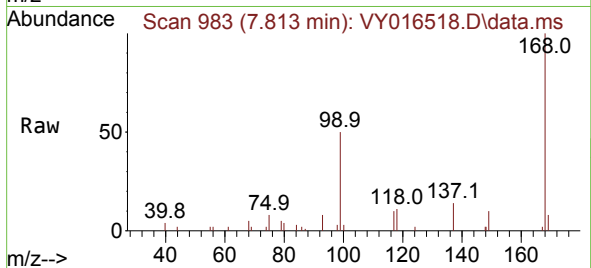
Quant Time: Nov 29 03:08:22 2023
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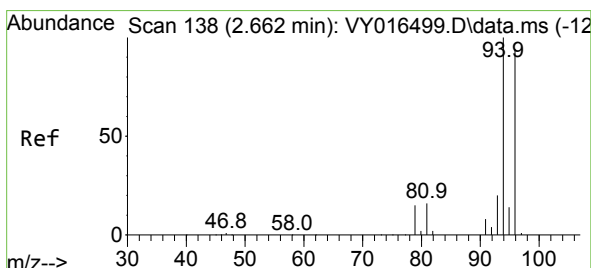
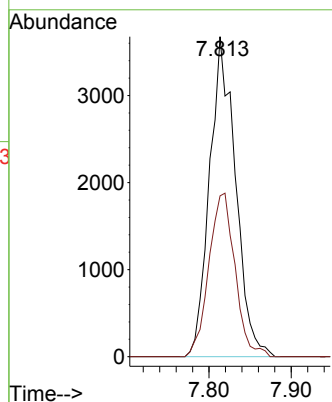
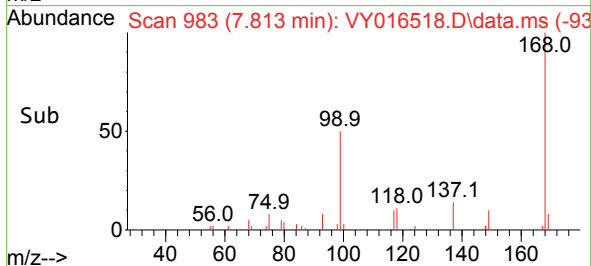


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016518.D
Acq: 28 Nov 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :

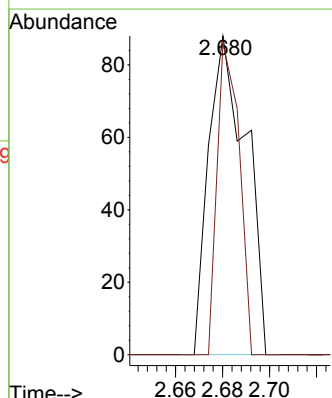
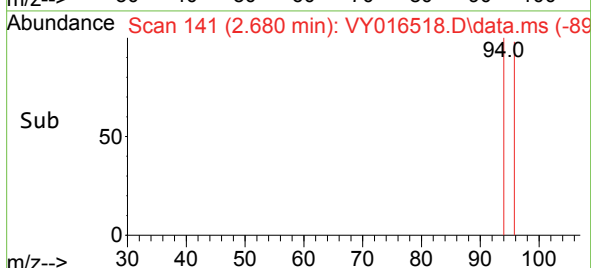
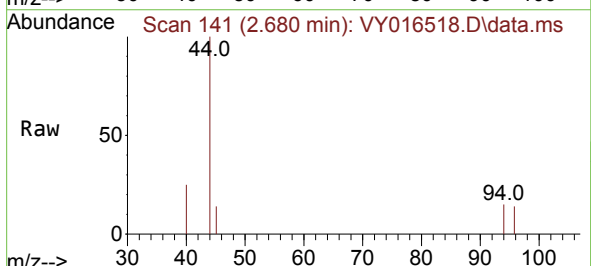


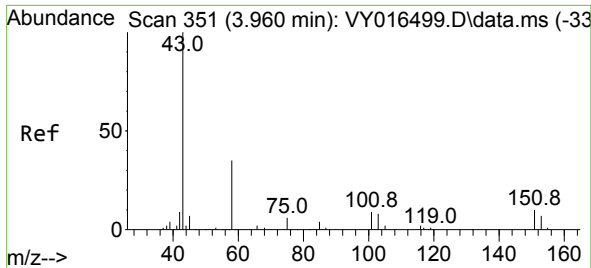
Tgt Ion:168 Resp: 8049
Ion Ratio Lower Upper
168 100
99 50.3 43.4 65.0



#5
Bromomethane
Concen: 1.502 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.018 min
Lab File: VY016518.D
Acq: 28 Nov 2023 14:13

Tgt Ion: 94 Resp: 98
Ion Ratio Lower Upper
94 100
96 97.7 75.8 113.6

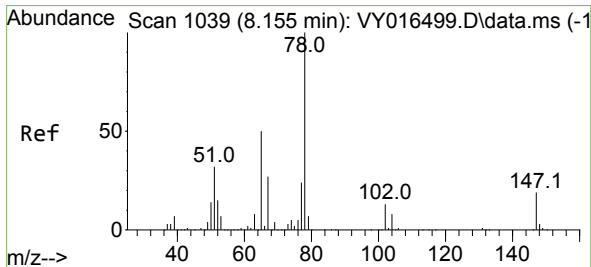
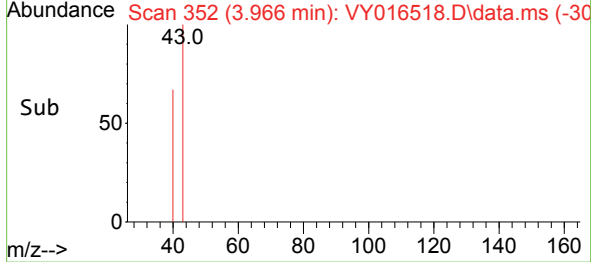
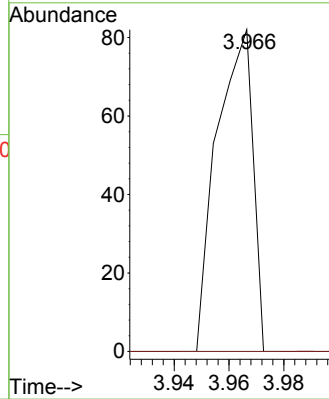
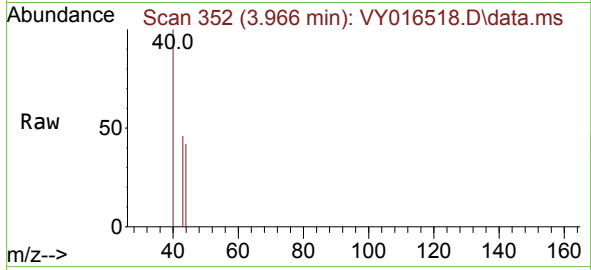




#16
Acetone
Concen: 6.163 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016518.D
Acq: 28 Nov 2023 14:13

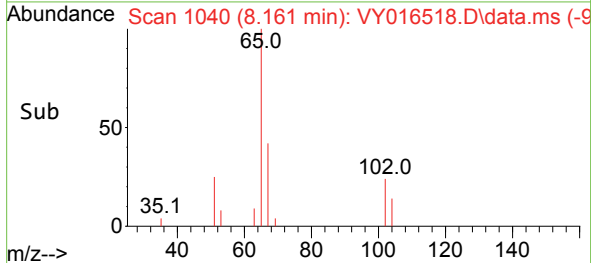
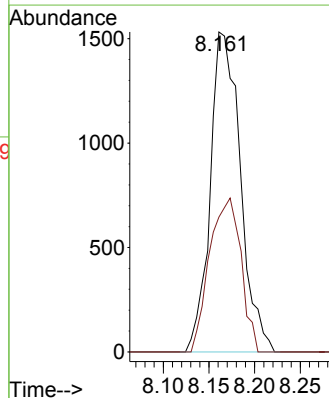
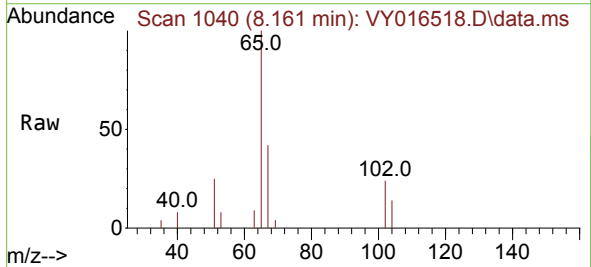
Instrument :
MSVOA_Y
ClientSampleId :

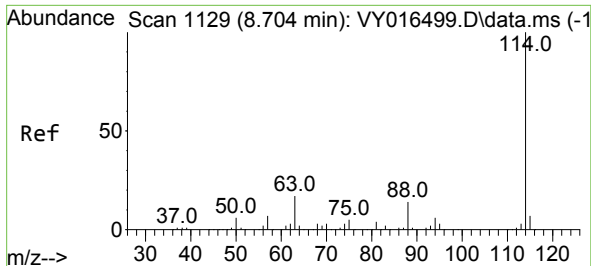
Tgt Ion: 43 Resp: 75
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#33
1,2-Dichloroethane-d4
Concen: 47.727 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016518.D
Acq: 28 Nov 2023 14:13

Tgt Ion: 65 Resp: 3511
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY016518.D

Acq: 28 Nov 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

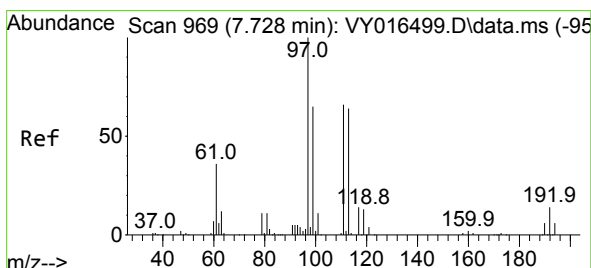
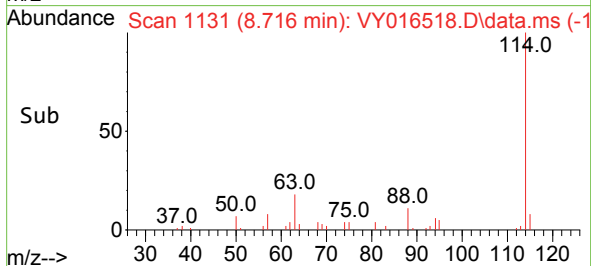
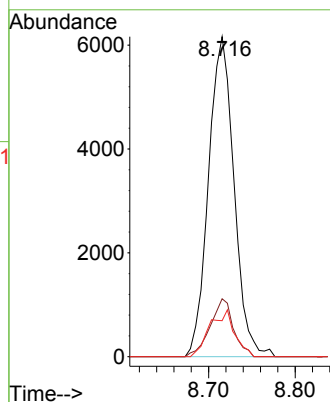
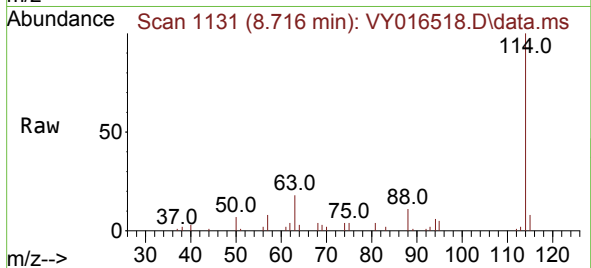
Tgt Ion:114 Resp: 12617

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 11.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 43.517 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY016518.D

Acq: 28 Nov 2023 14:13

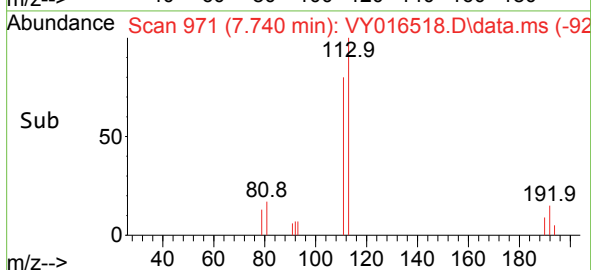
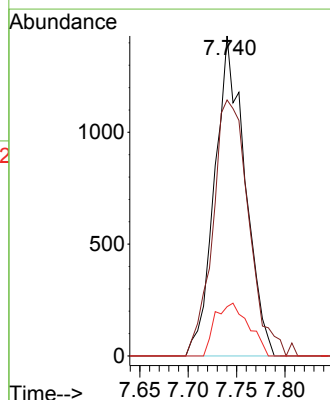
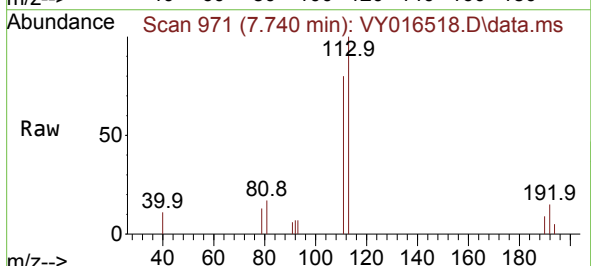
Tgt Ion:113 Resp: 3119

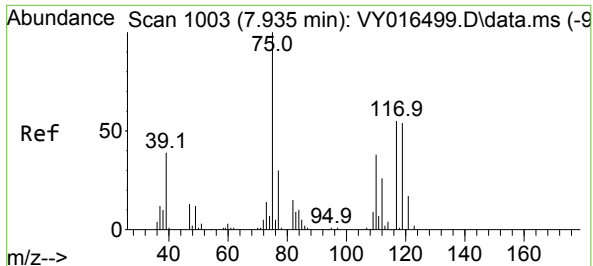
Ion Ratio Lower Upper

113 100

111 95.0 81.3 121.9

192 18.2 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.869 ug/l

RT: 7.807 min Scan# 91

Delta R.T. -0.122 min

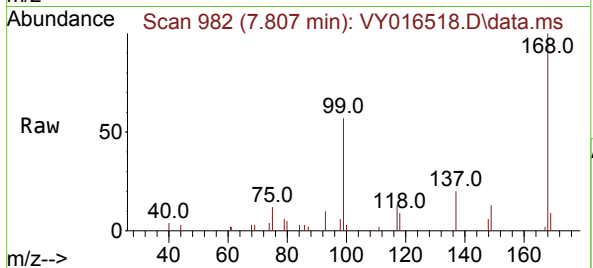
Lab File: VY016518.D

Acq: 28 Nov 2023 14:13

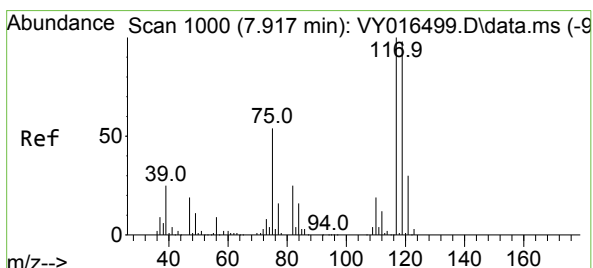
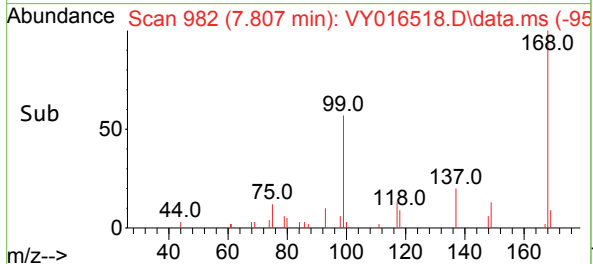
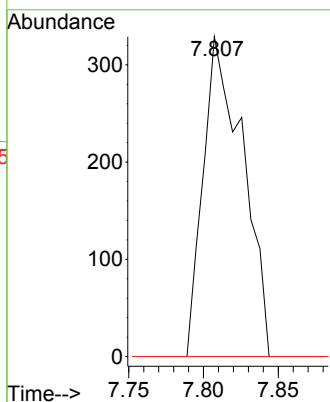
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 606
Ion Ratio	Lower Upper
75 100	
110 0.0	17.8 53.5#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.527 ug/l

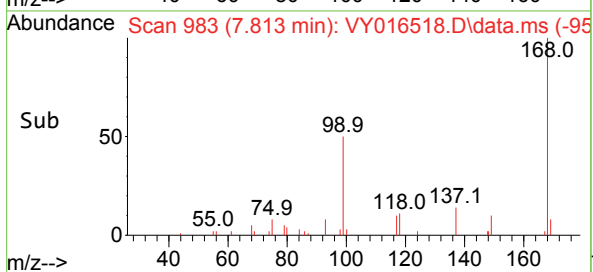
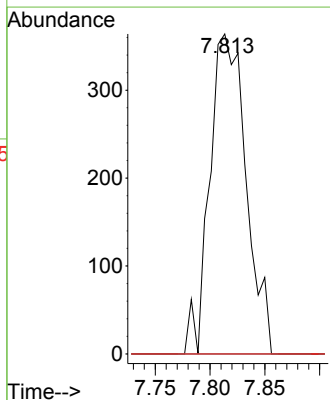
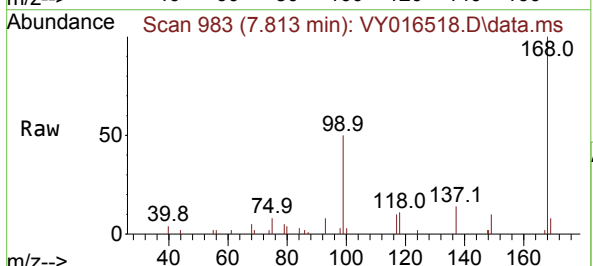
RT: 7.813 min Scan# 983

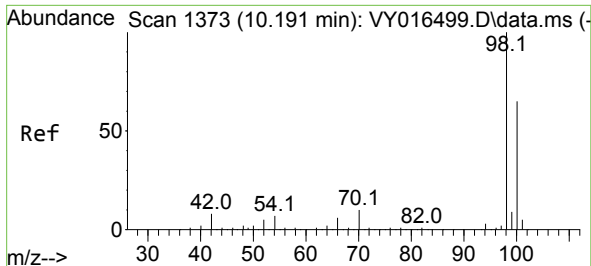
Delta R.T. -0.104 min

Lab File: VY016518.D

Acq: 28 Nov 2023 14:13

Tgt Ion: 117	Resp: 843
Ion Ratio	Lower Upper
117 100	
119 0.0	76.4 114.6#
121 0.0	25.8 38.6#

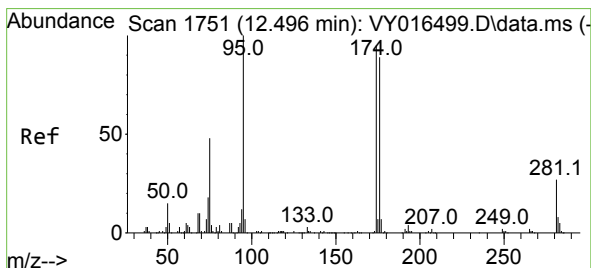
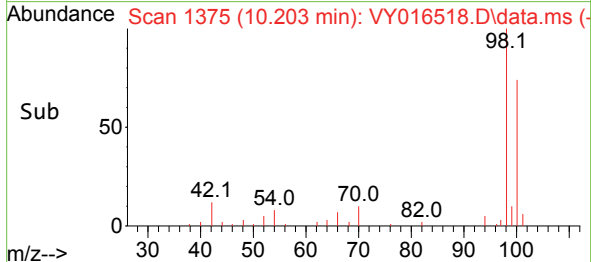
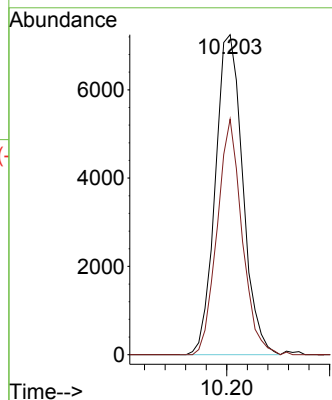
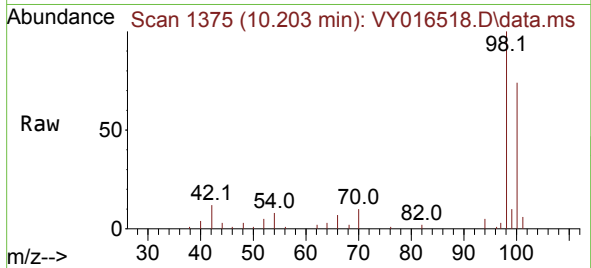




#50
Toluene-d8
Concen: 46.224 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016518.D
Acq: 28 Nov 2023 14:13

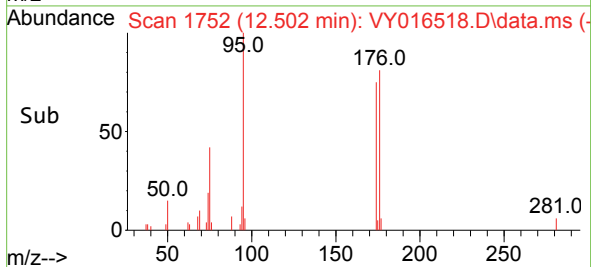
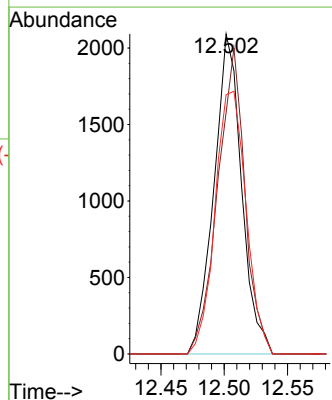
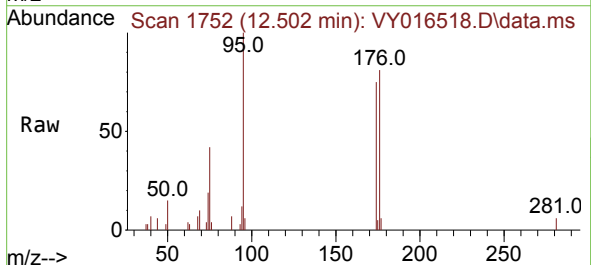
Instrument :
MSVOA_Y
ClientSampleId :

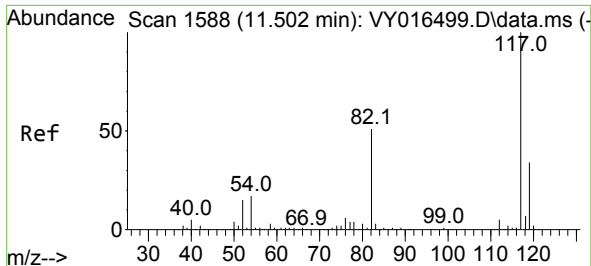
Tgt Ion: 98 Resp: 13435
Ion Ratio Lower Upper
98 100
100 66.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 33.613 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016518.D
Acq: 28 Nov 2023 14:13

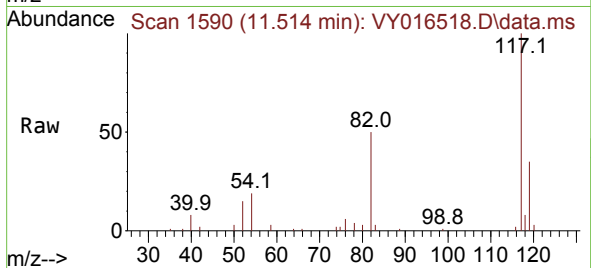
Tgt Ion: 95 Resp: 3173
Ion Ratio Lower Upper
95 100
174 94.3 0.0 178.2
176 92.4 0.0 173.8



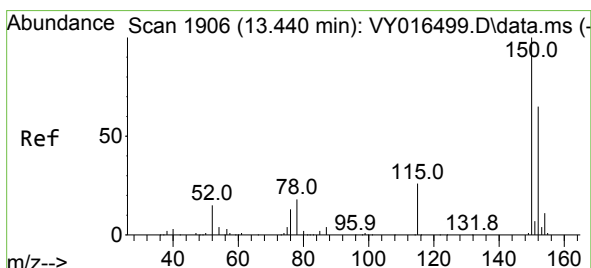
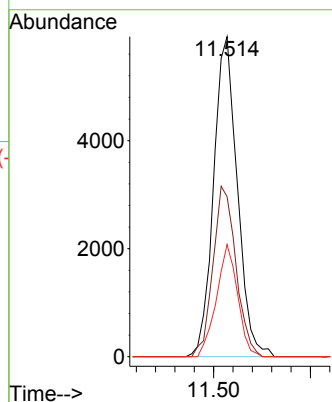
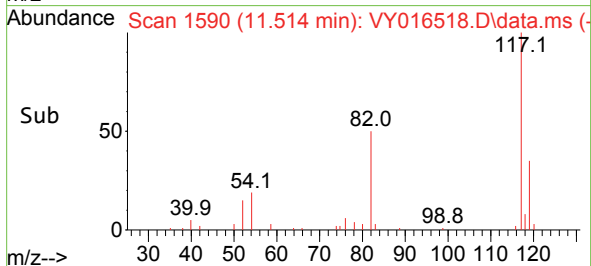


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016518.D
Acq: 28 Nov 2023 14:13

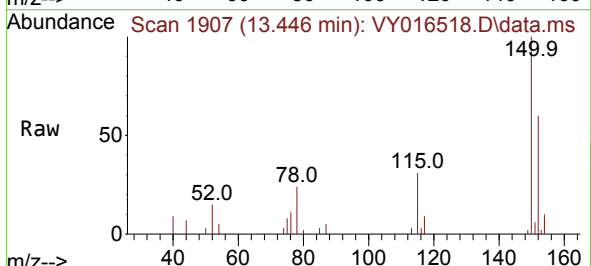
Instrument :
MSVOA_Y
ClientSampleId :



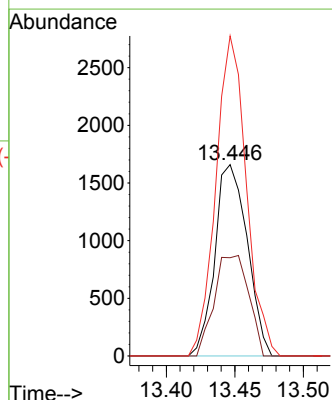
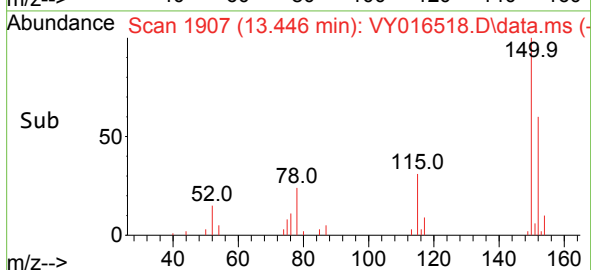
Tgt Ion:117 Resp: 10064
Ion Ratio Lower Upper
117 100
82 50.0 43.4 65.0
119 35.1 26.3 39.5

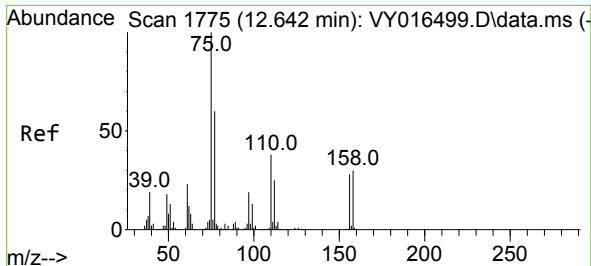


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016518.D
Acq: 28 Nov 2023 14:13



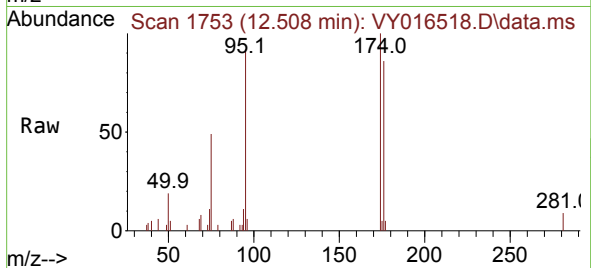
Tgt Ion:152 Resp: 2730
Ion Ratio Lower Upper
152 100
115 55.8 28.8 86.5
150 157.1 0.0 348.8



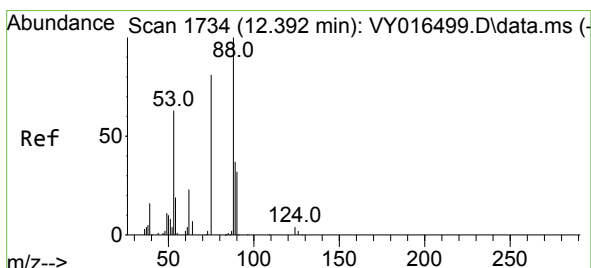
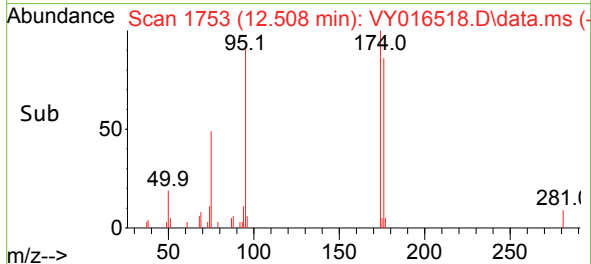
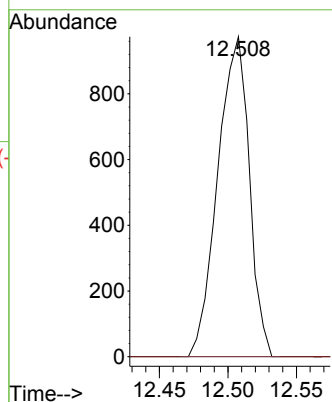


#76
1,2,3-Trichloropropane
Concen: 59.415 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. -0.134 min
Lab File: VY016518.D
Acq: 28 Nov 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 1556
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 128.965 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.122 min
Lab File: VY016518.D
Acq: 28 Nov 2023 14:13

Tgt Ion: 75 Resp: 1556
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

