

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016520.D
 Acq On : 28 Nov 2023 15:00
 Operator : SY/MD
 Sample : 05556-03
 Misc : 10.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 29 03:08:57 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)

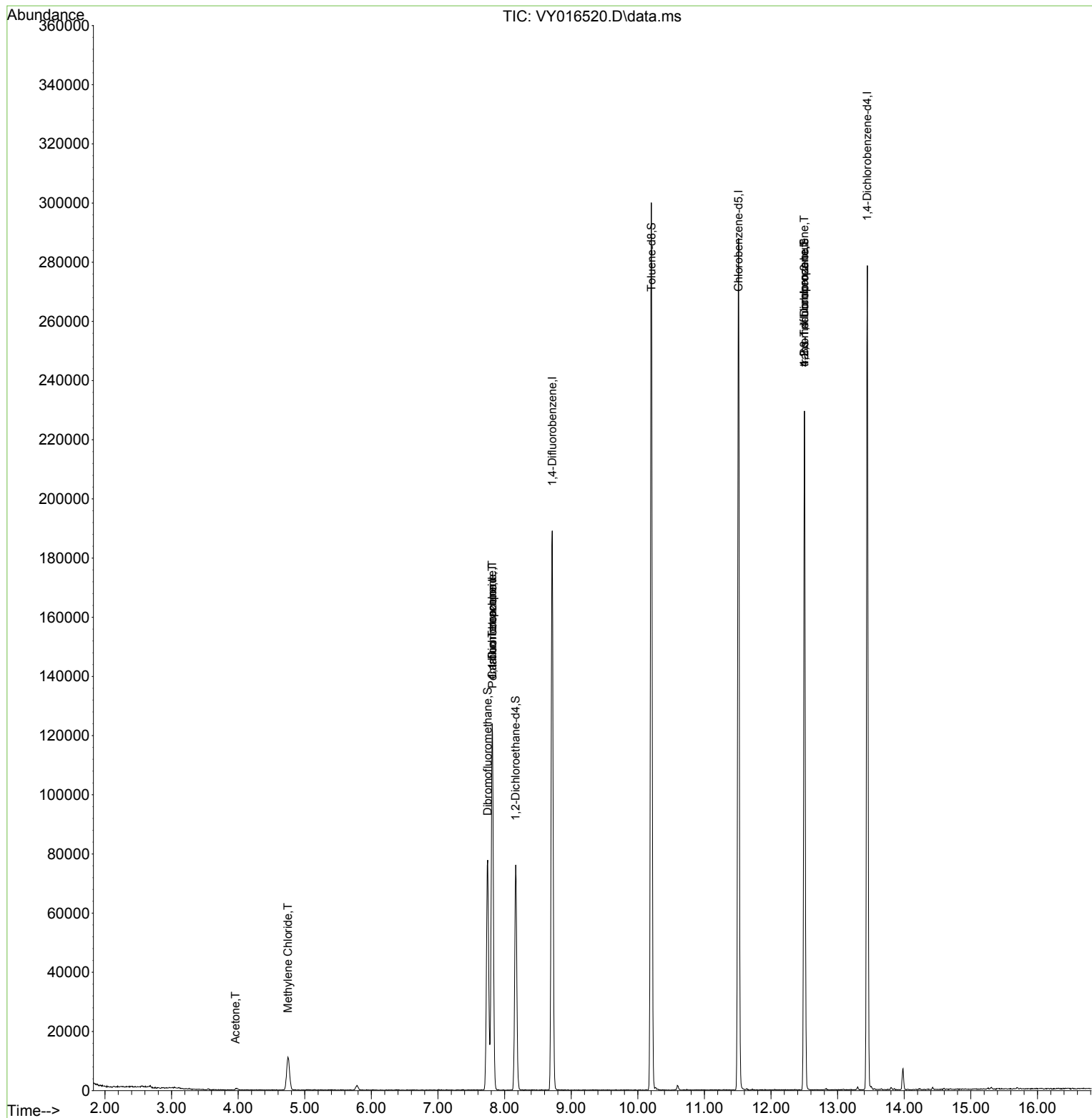
Internal Standards						
1) Pentafluorobenzene	7.819	168	101325	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	177639	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	172224	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	77196	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	61529	66.441	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.880%			
35) Dibromofluoromethane	7.746	113	56516	56.006	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.020%			
50) Toluene-d8	10.203	98	205777	50.286	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.580%			
62) 4-Bromofluorobenzene	12.501	95	71429	53.744	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.480%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	973	6.352	ug/l #	84
20) Methylene Chloride	4.747	84	9543	5.737	ug/l #	80
36) 1,1-Dichloropropene	7.813	75	6726	3.839	ug/l #	52
38) Carbon Tetrachloride	7.813	117	9791	5.384	ug/l #	15
76) 1,2,3-Trichloropropane	12.501	75	35307	47.678	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	35307	103.489	ug/l #	10

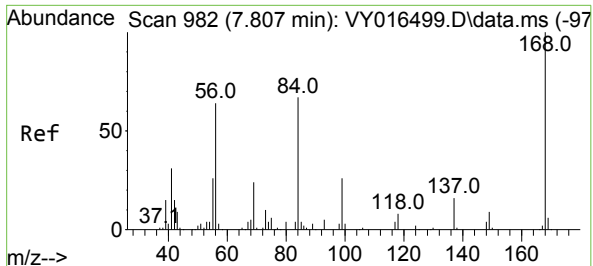
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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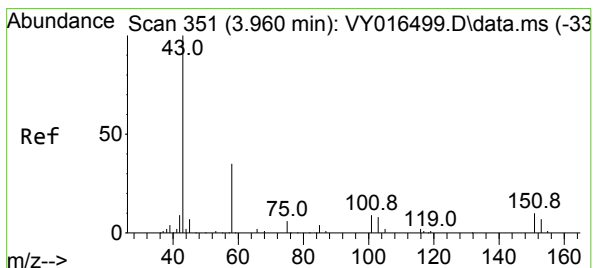
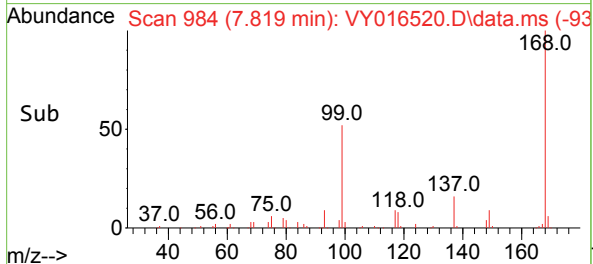
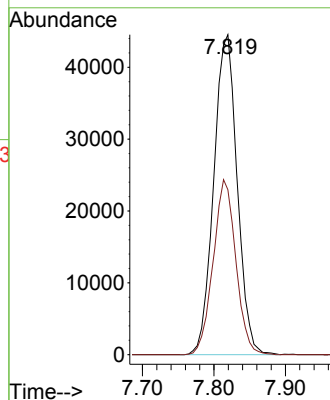
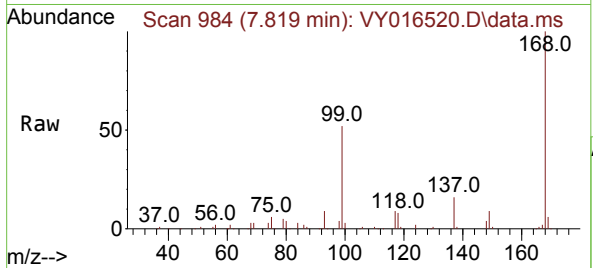




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY016520.D
Acq: 28 Nov 2023 15:00

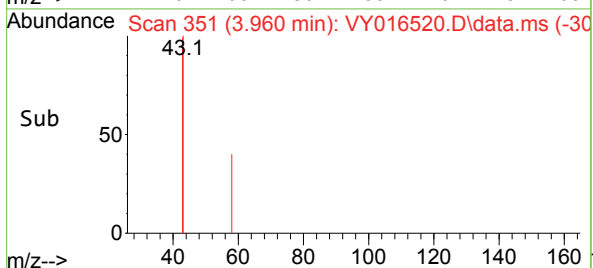
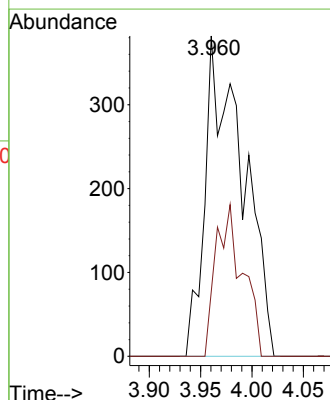
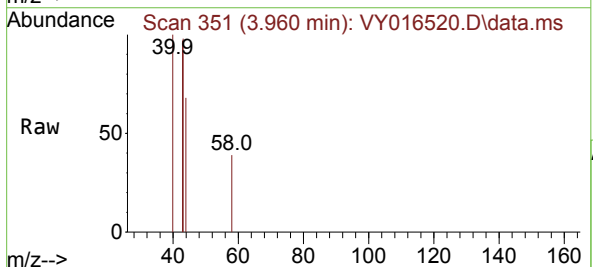
Instrument :
MSVOA_Y
ClientSampleId :

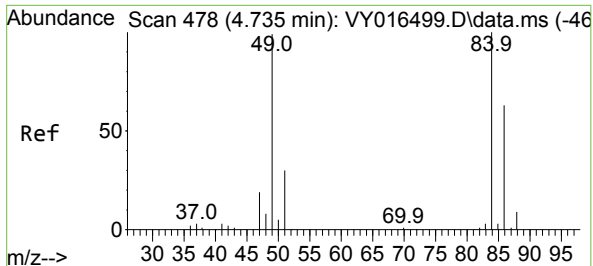
Tgt Ion:168 Resp: 101325
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#16
Acetone
Concen: 6.352 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016520.D
Acq: 28 Nov 2023 15:00

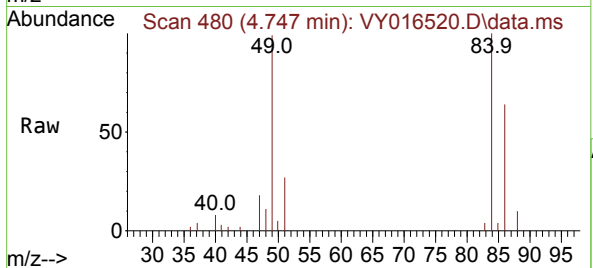
Tgt Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
58 20.2 22.7 34.1#



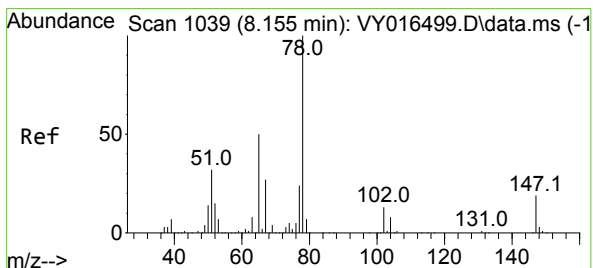
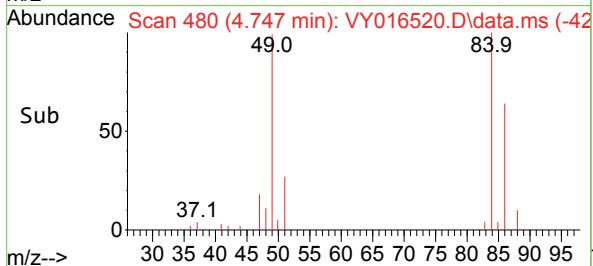
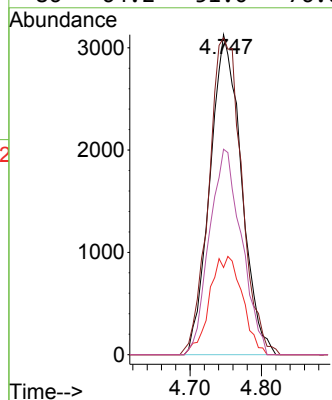


#20
Methylene Chloride
Concen: 5.737 ug/l
RT: 4.747 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY016520.D
Acq: 28 Nov 2023 15:00

Instrument :
MSVOA_Y
ClientSampleId :

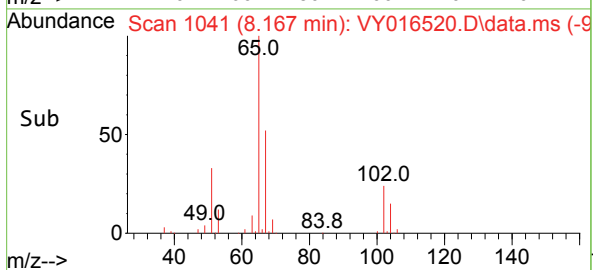
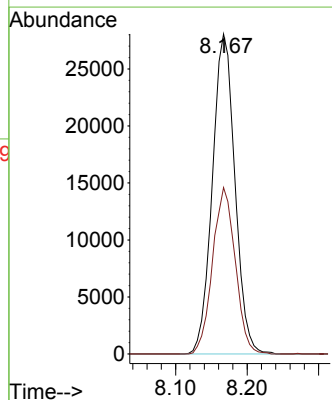
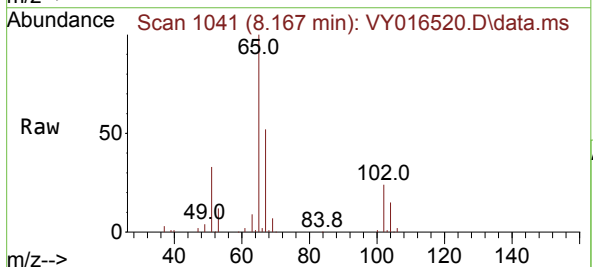


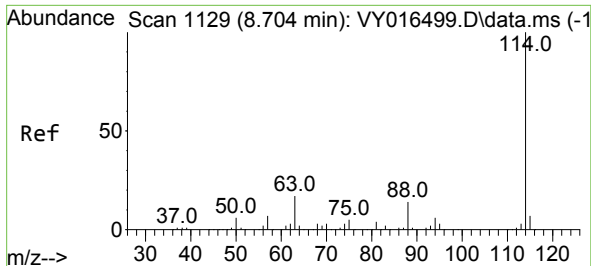
Tgt Ion:	84	Resp:	9543
Ion	Ratio	Lower	Upper
84	100		
49	99.0	106.9	160.3#
51	27.2	33.2	49.8#
86	64.2	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 66.441 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016520.D
Acq: 28 Nov 2023 15:00

Tgt Ion:	65	Resp:	61529
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016520.D

Acq: 28 Nov 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

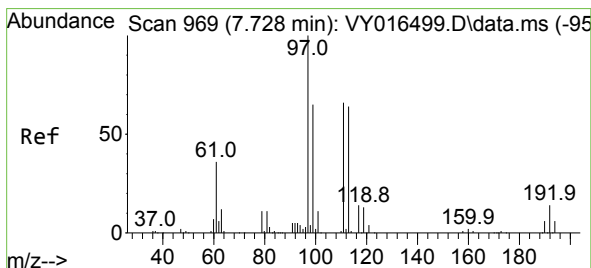
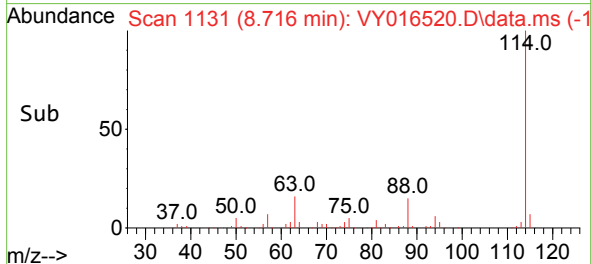
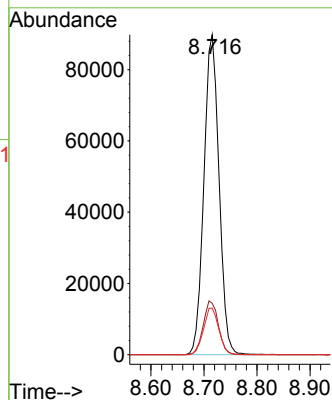
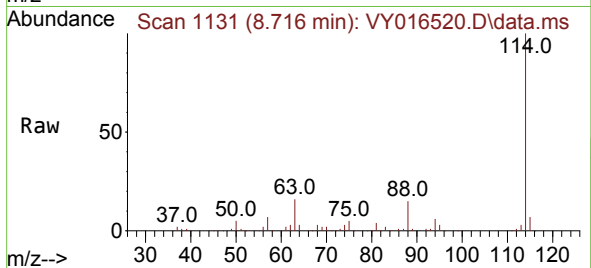
Tgt Ion:114 Resp: 177639

Ion Ratio Lower Upper

114 100

63 16.0 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.006 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.012 min

Lab File: VY016520.D

Acq: 28 Nov 2023 15:00

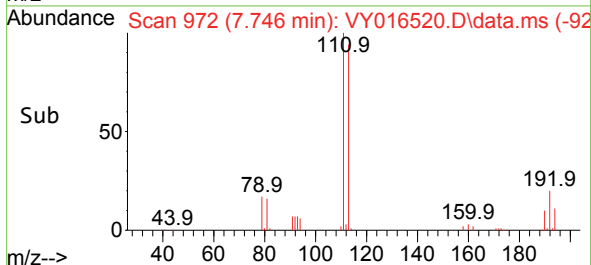
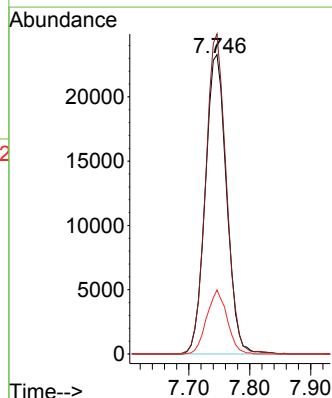
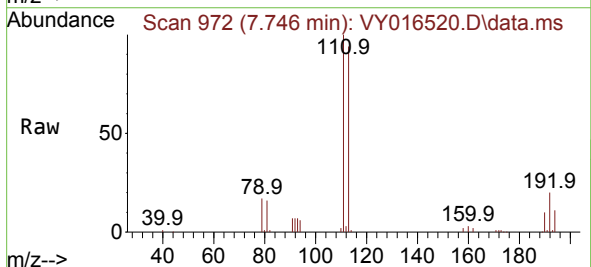
Tgt Ion:113 Resp: 56516

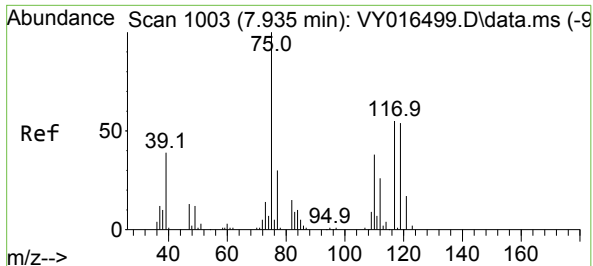
Ion Ratio Lower Upper

113 100

111 104.1 81.3 121.9

192 20.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 3.839 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.116 min

Lab File: VY016520.D

Acq: 28 Nov 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

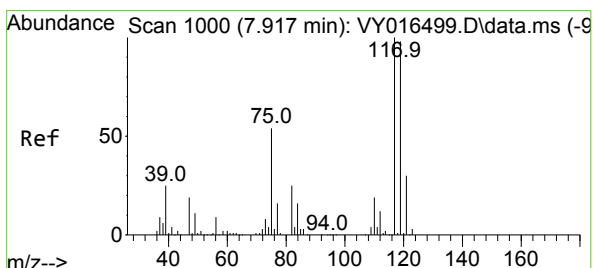
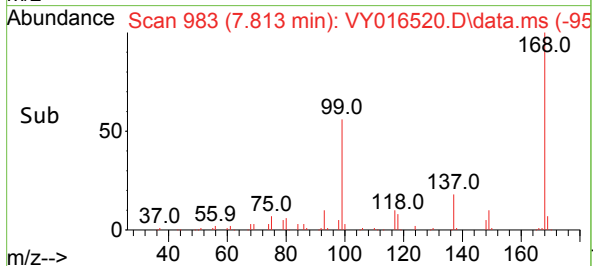
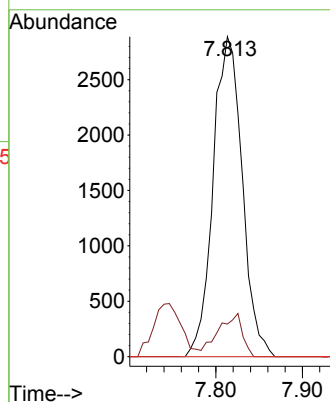
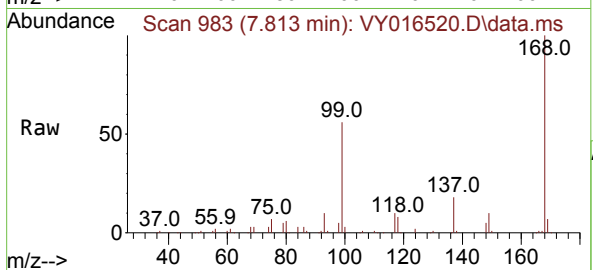
Tgt Ion: 75 Resp: 6726

Ion Ratio Lower Upper

75 100

110 11.1 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.384 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY016520.D

Acq: 28 Nov 2023 15:00

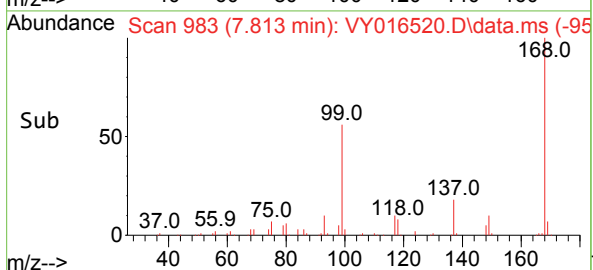
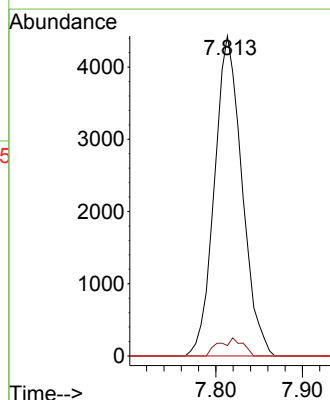
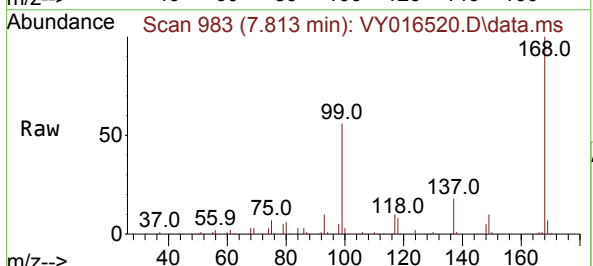
Tgt Ion: 117 Resp: 9791

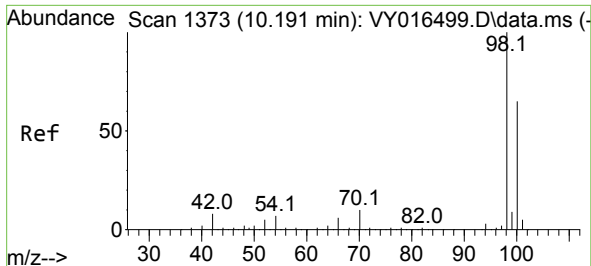
Ion Ratio Lower Upper

117 100

119 3.2 76.4 114.6#

121 0.0 25.8 38.6#

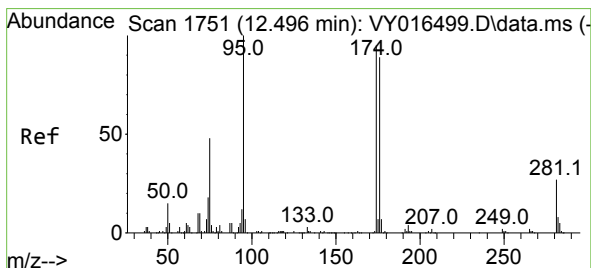
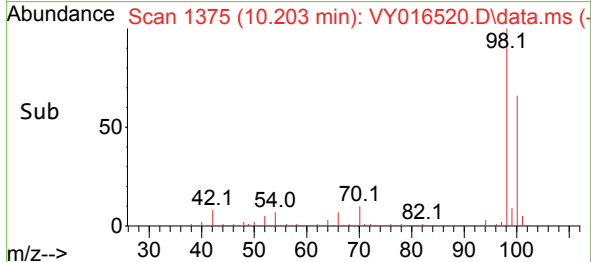
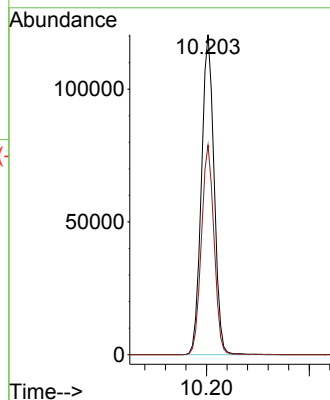
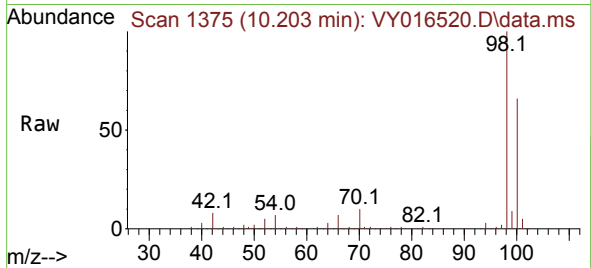




#50
Toluene-d8
Concen: 50.286 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016520.D
Acq: 28 Nov 2023 15:00

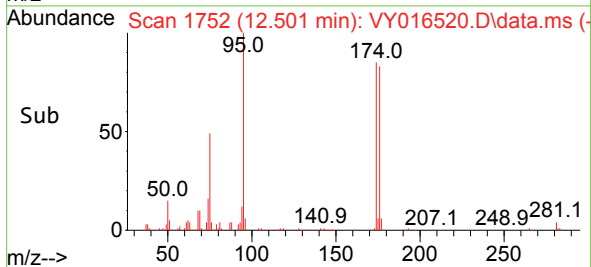
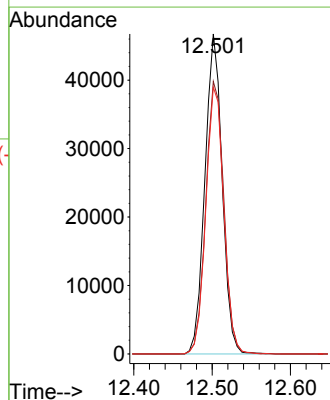
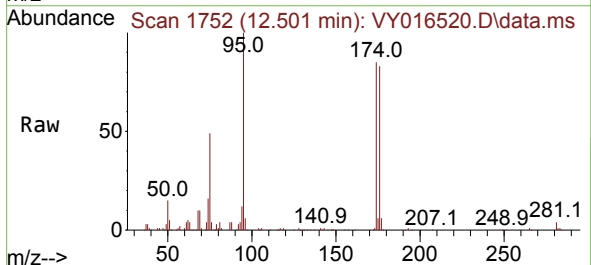
Instrument :
MSVOA_Y
ClientSampleId :

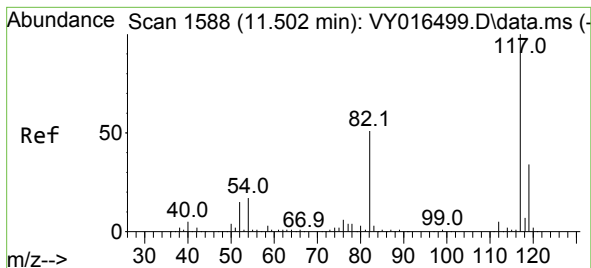
Tgt Ion: 98 Resp: 205777
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.744 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016520.D
Acq: 28 Nov 2023 15:00

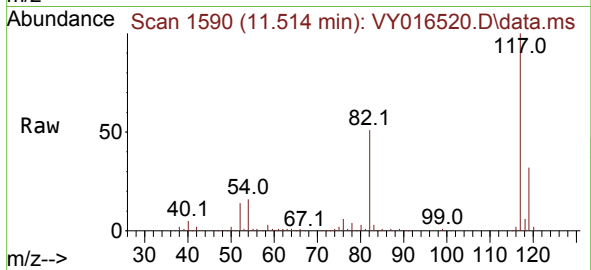
Tgt Ion: 95 Resp: 71429
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.2
176 86.6 0.0 173.8



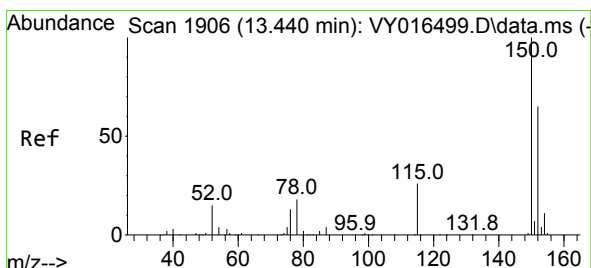
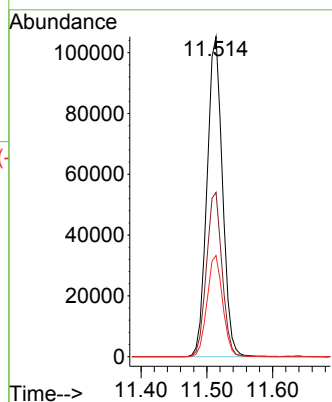
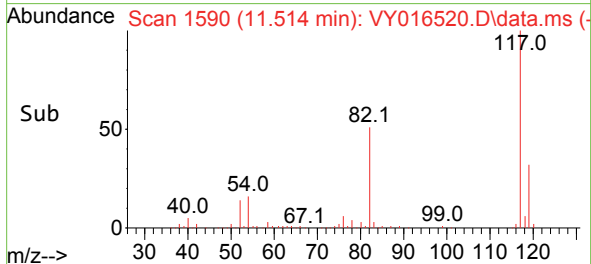


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016520.D
Acq: 28 Nov 2023 15:00

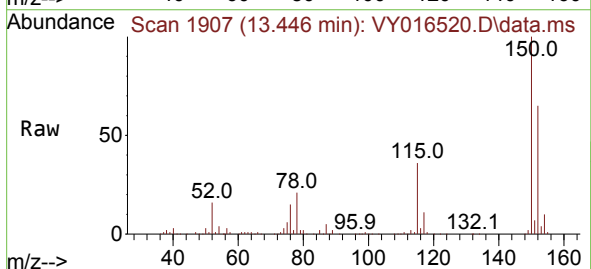
Instrument :
MSVOA_Y
ClientSampleId :



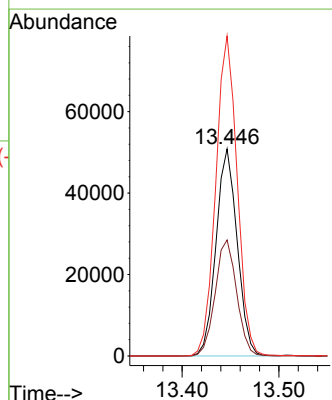
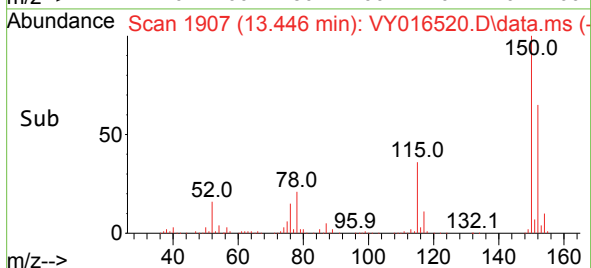
Tgt Ion:117 Resp: 172224
Ion Ratio Lower Upper
117 100
82 51.3 43.4 65.0
119 31.6 26.3 39.5

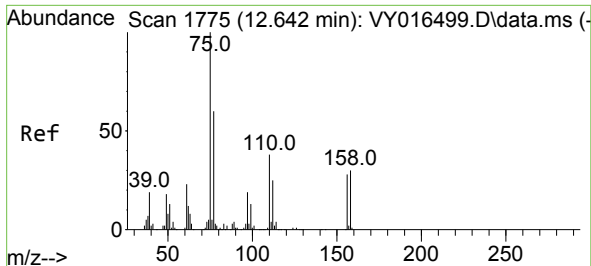


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016520.D
Acq: 28 Nov 2023 15:00



Tgt Ion:152 Resp: 77196
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 156.3 0.0 348.8

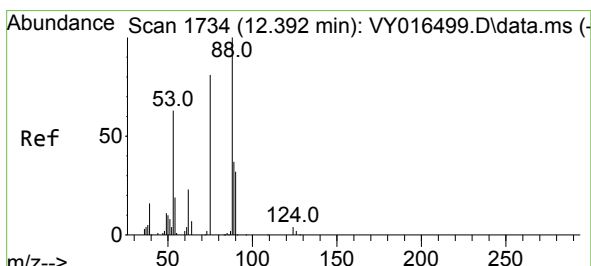
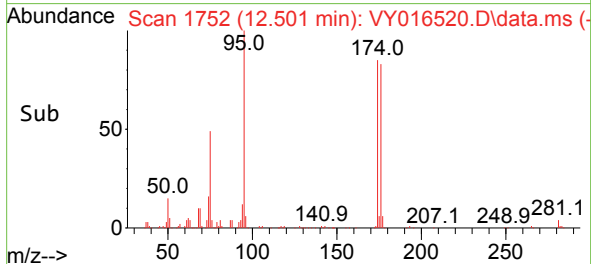
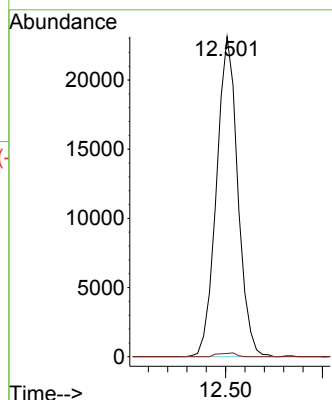
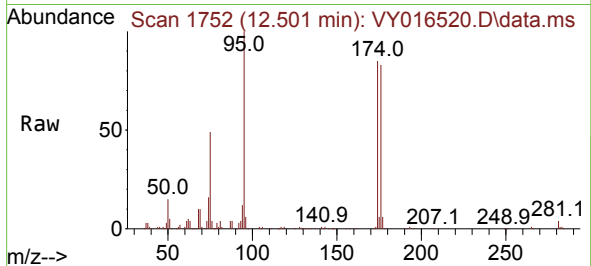




#76
1,2,3-Trichloropropane
Concen: 47.678 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY016520.D
Acq: 28 Nov 2023 15:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35307
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.489 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY016520.D
Acq: 28 Nov 2023 15:00

Tgt Ion: 75 Resp: 35307
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

