

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016050.D
 Acq On : 19 Oct 2023 20:17
 Operator : SY/MD
 Sample : 04941-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 05:41:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

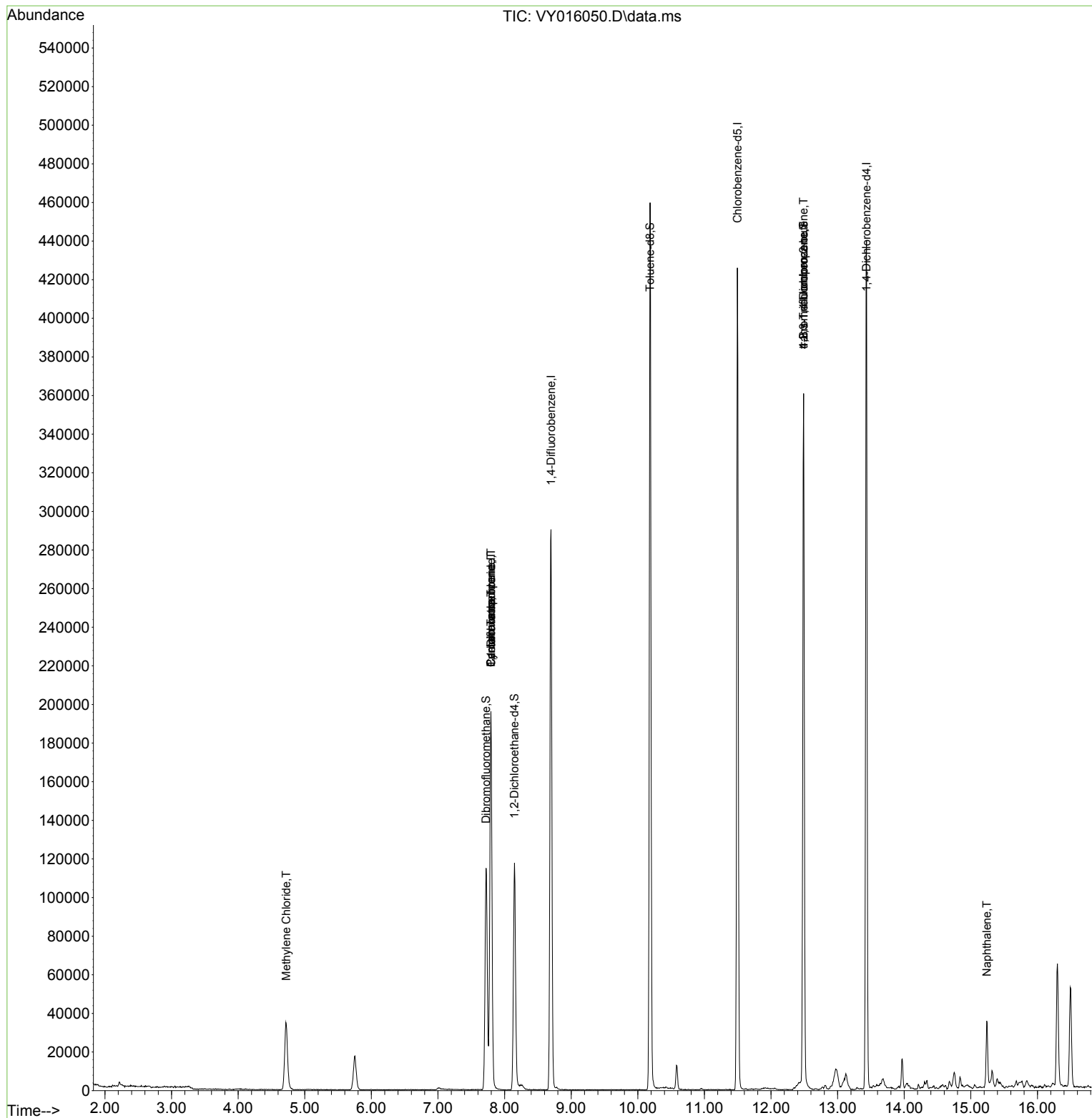
Internal Standards						
1) Pentafluorobenzene	7.795	168	155827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	255841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	237414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	118032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94841	53.550	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.100%			
35) Dibromofluoromethane	7.722	113	83067	49.328	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.660%			
50) Toluene-d8	10.185	98	303907	49.691	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.380%			
62) 4-Bromofluorobenzene	12.489	95	104921	48.079	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.160%			
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	26788	13.735	ug/l	91
31) Cyclohexane	7.795	56	2849	1.028	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11681	4.611	ug/l #	49
38) Carbon Tetrachloride	7.795	117	14856	5.517	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	56826	34.003	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	56826	74.225	ug/l #	11
95) Naphthalene	15.239	128	29706	4.963	ug/l	98

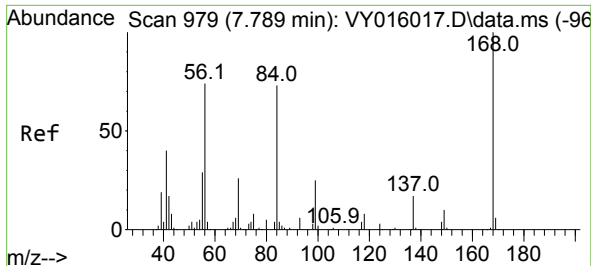
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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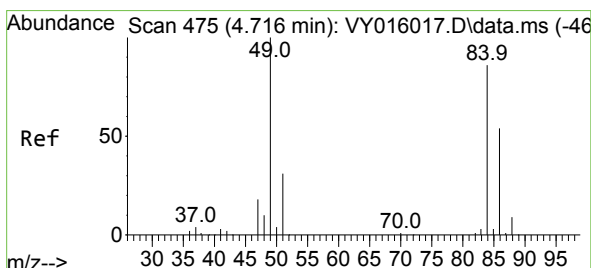
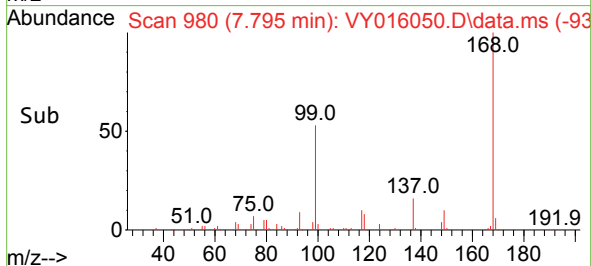
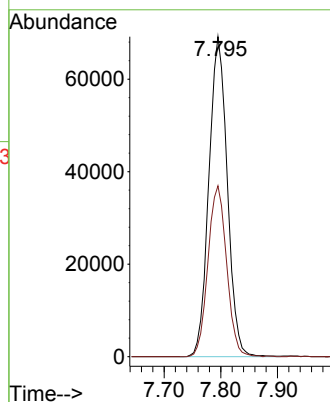
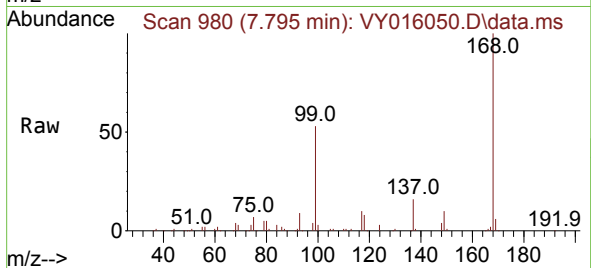




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

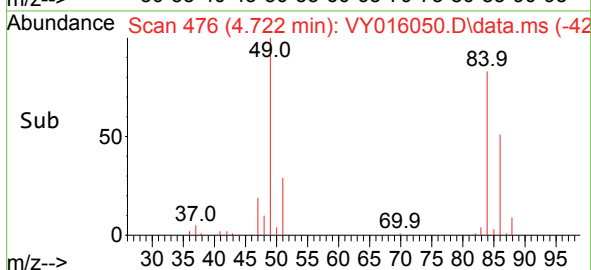
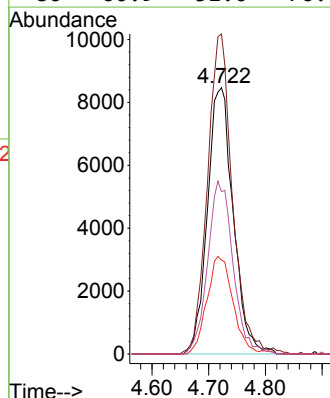
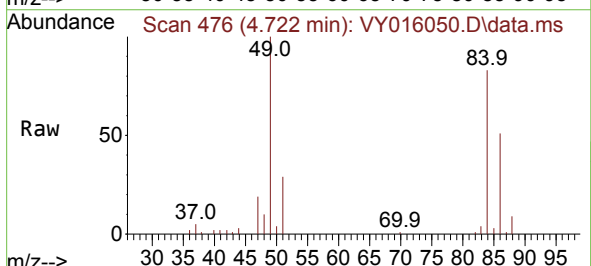
Instrument :
MSVOA_Y
ClientSampleId :

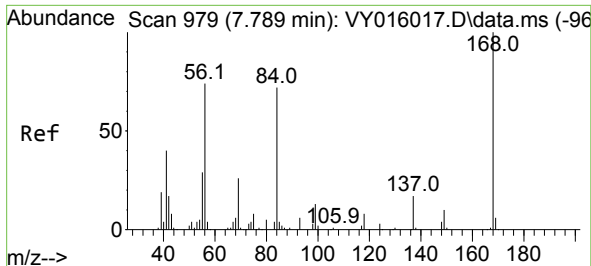
Tgt Ion:168 Resp: 155827
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#20
Methylene Chloride
Concen: 13.735 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

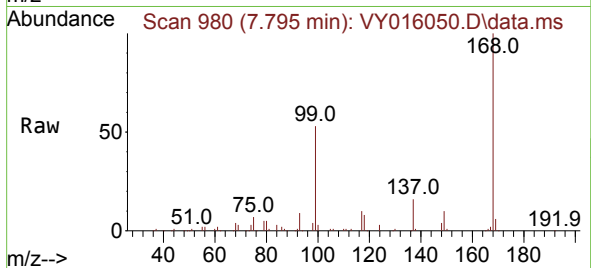
Tgt Ion: 84 Resp: 26788
Ion Ratio Lower Upper
84 100
49 120.2 106.9 160.3
51 35.2 33.2 49.8
86 60.9 51.0 76.6



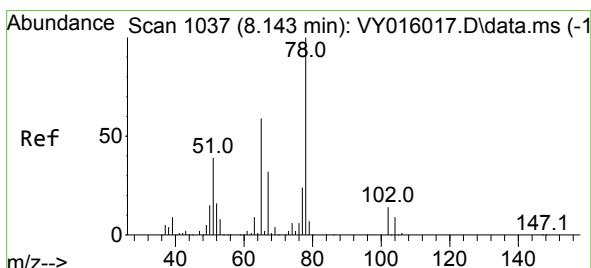
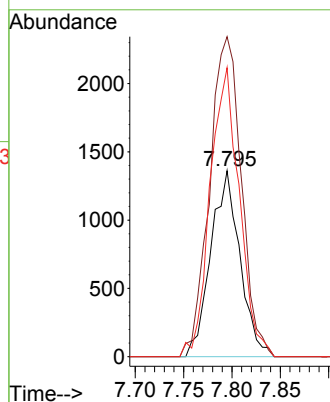
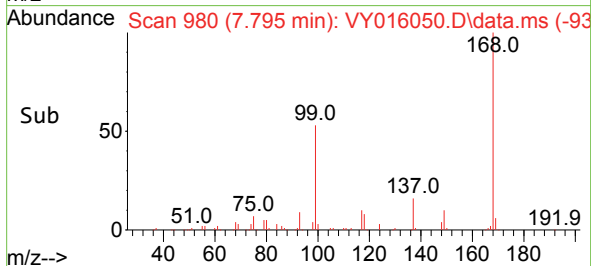


#31
Cyclohexane
Concen: 1.028 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

Instrument :
MSVOA_Y
ClientSampleId :

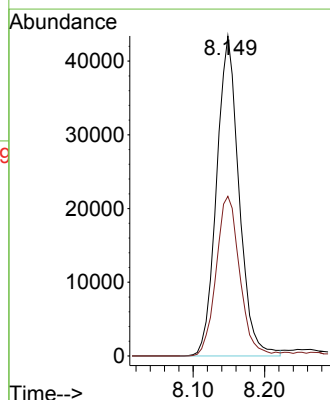
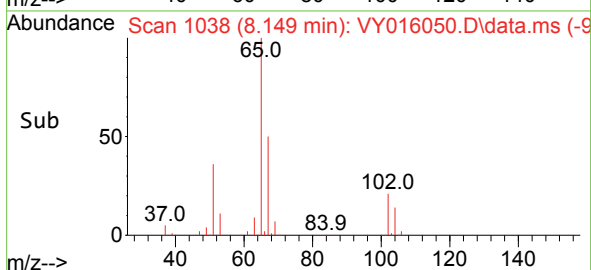
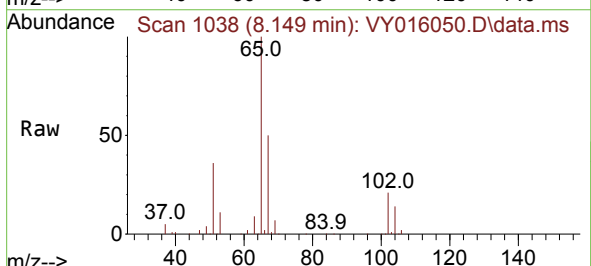


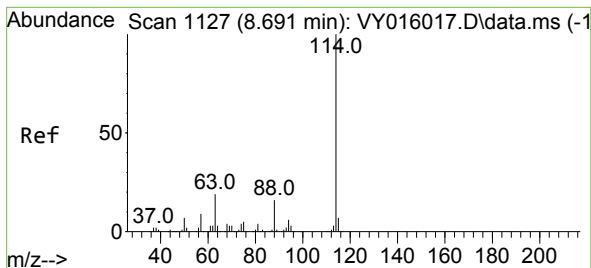
Tgt Ion: 56 Resp: 2849
Ion Ratio Lower Upper
56 100
69 172.2 27.8 41.6#
84 155.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 53.550 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

Tgt Ion: 65 Resp: 94841
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY016050.D

Acq: 19 Oct 2023 20:17

Instrument :

MSVOA_Y

ClientSampleId :

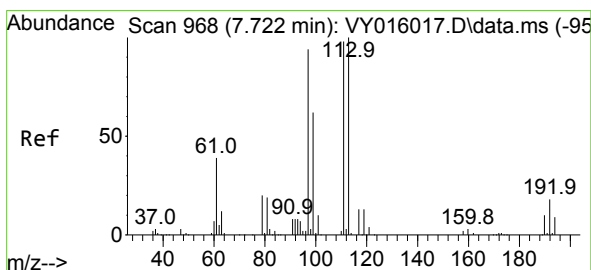
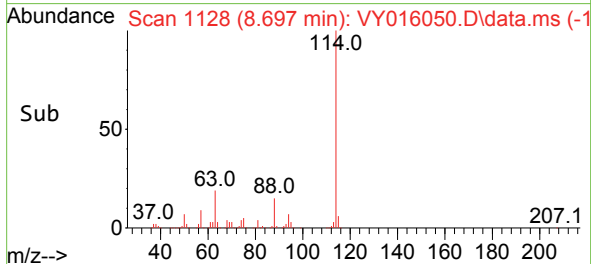
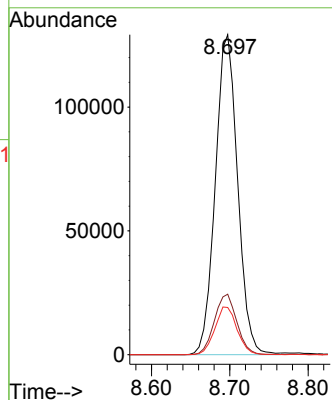
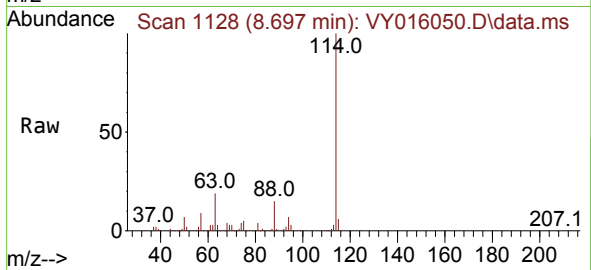
Tgt Ion:114 Resp: 255841

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.328 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY016050.D

Acq: 19 Oct 2023 20:17

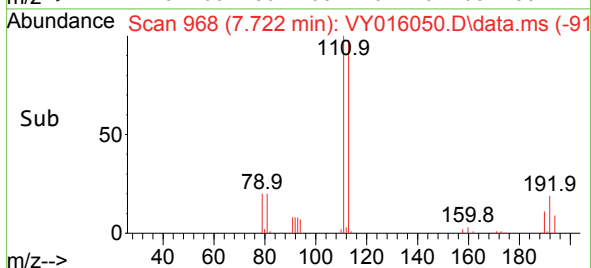
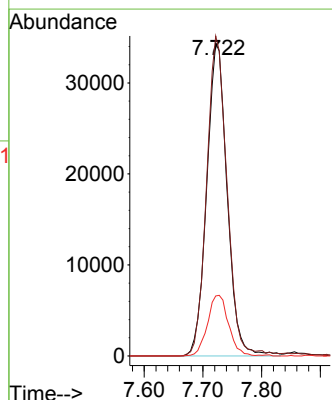
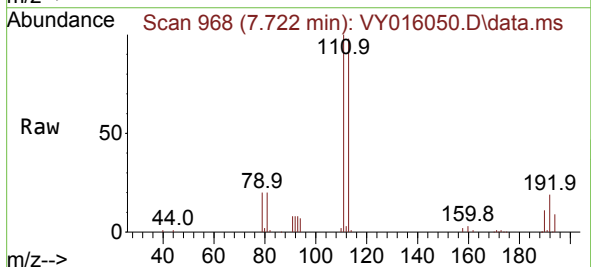
Tgt Ion:113 Resp: 83067

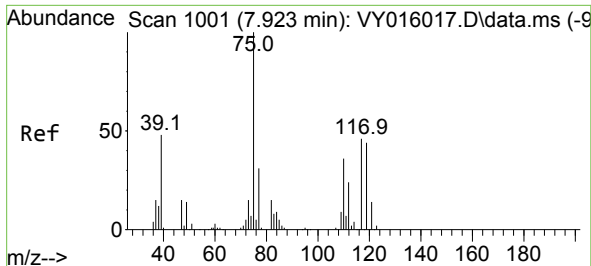
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 19.9 16.9 25.3

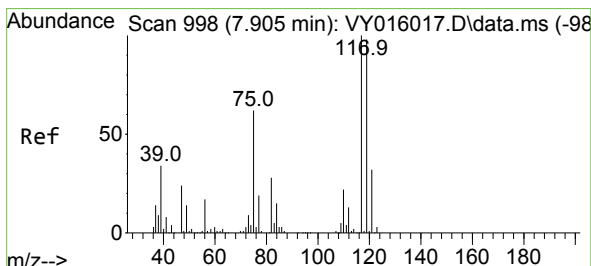
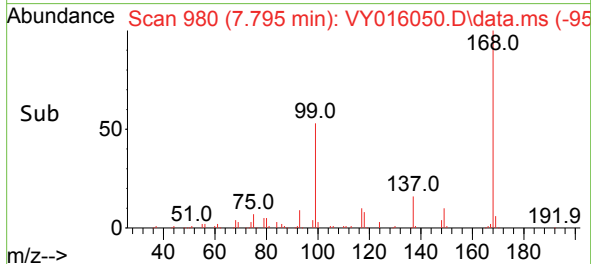
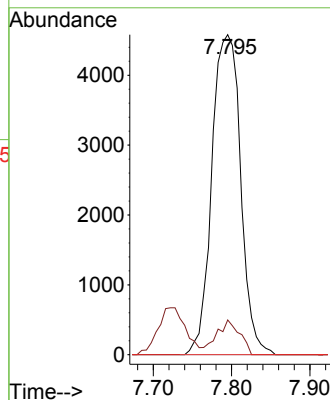
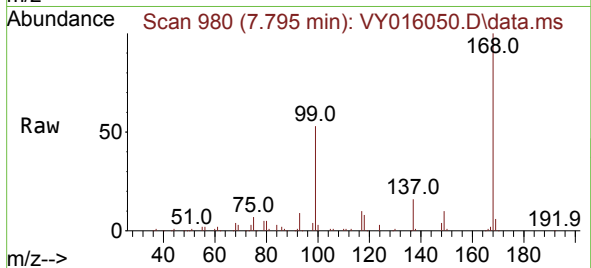




#36
1,1-Dichloropropene
Concen: 4.611 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

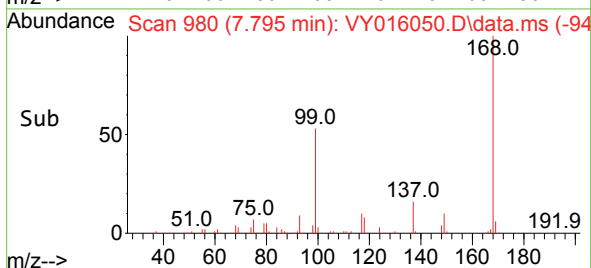
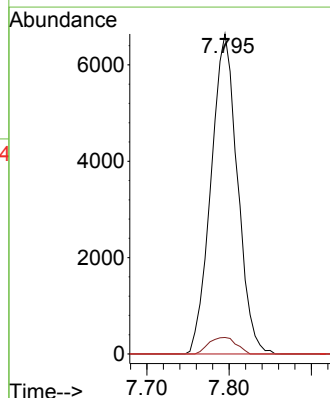
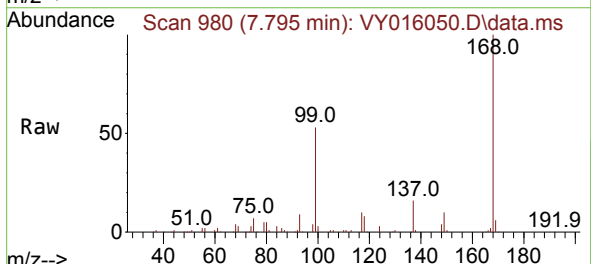
Instrument :
MSVOA_Y
ClientSampleId :

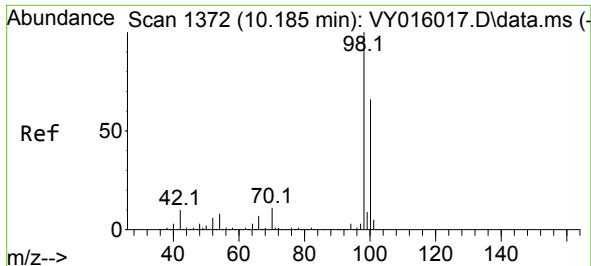
Tgt Ion: 75 Resp: 11681
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.517 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

Tgt Ion: 117 Resp: 14856
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#

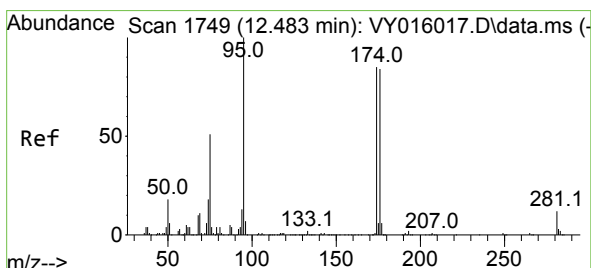
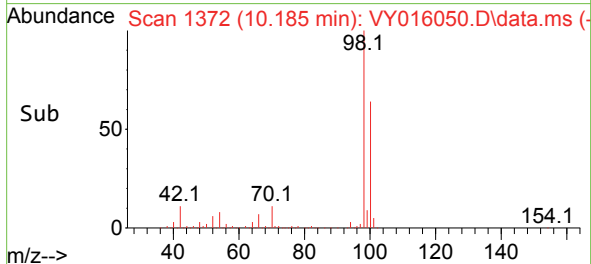
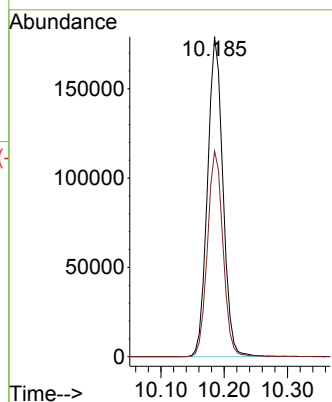
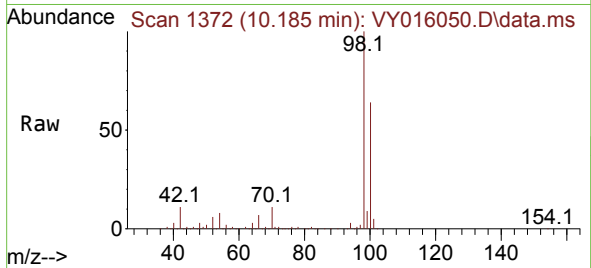




#50
Toluene-d8
Concen: 49.691 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

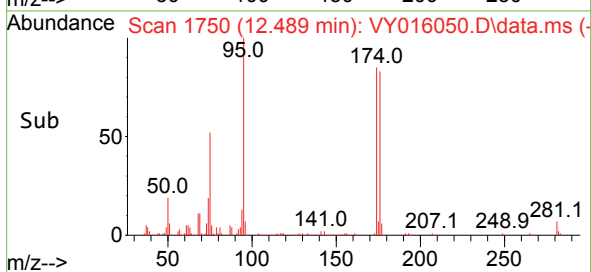
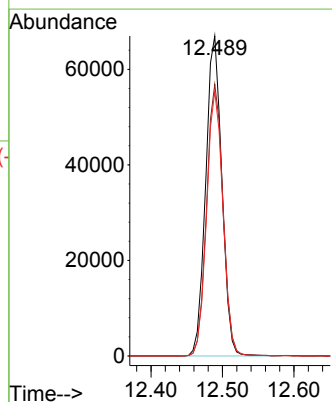
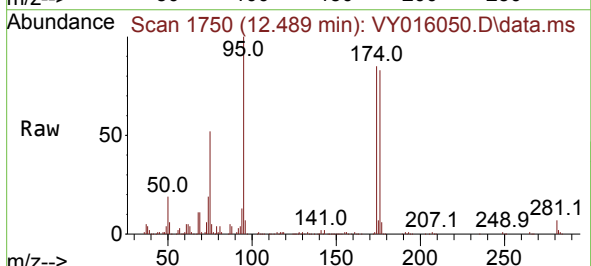
Instrument :
MSVOA_Y
ClientSampleId :

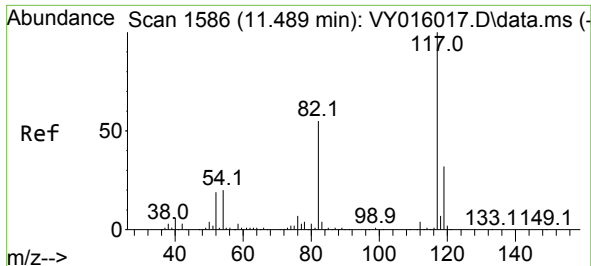
Tgt Ion: 98 Resp: 303907
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.079 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

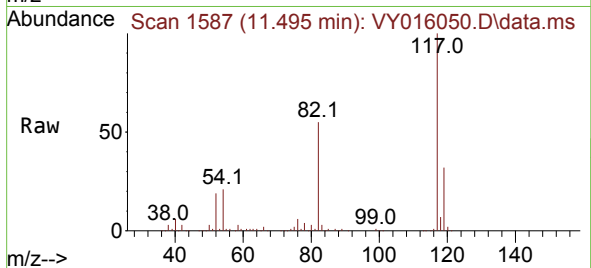
Tgt Ion: 95 Resp: 104921
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 83.6 0.0 173.8



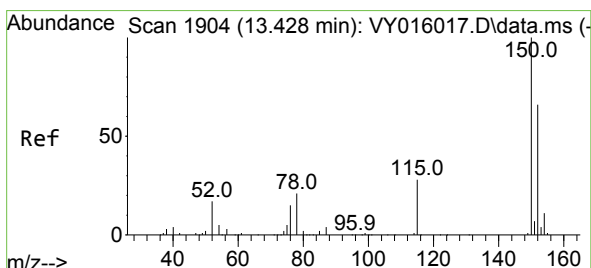
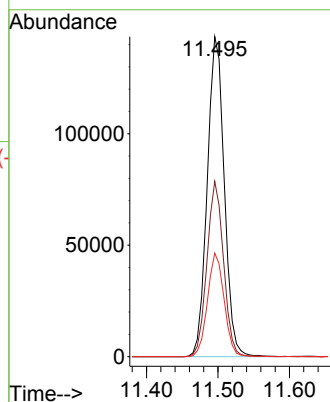
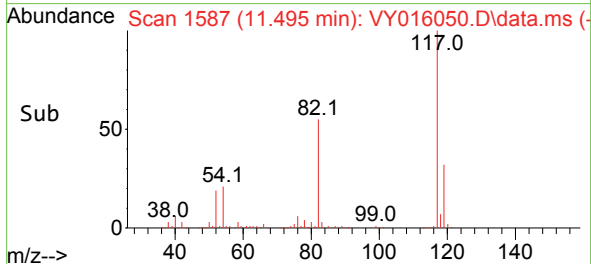


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

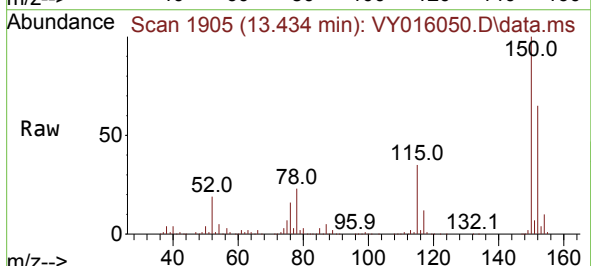
Instrument :
MSVOA_Y
ClientSampleId :



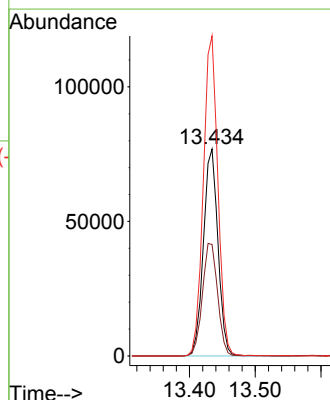
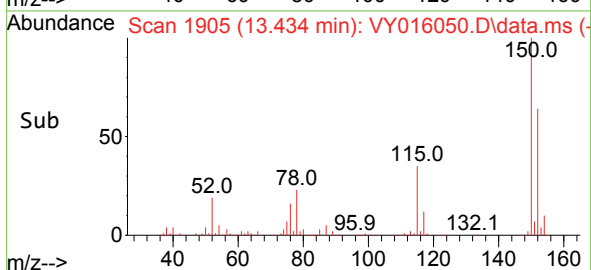
Tgt Ion:117 Resp: 237414
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.4 26.3 39.5

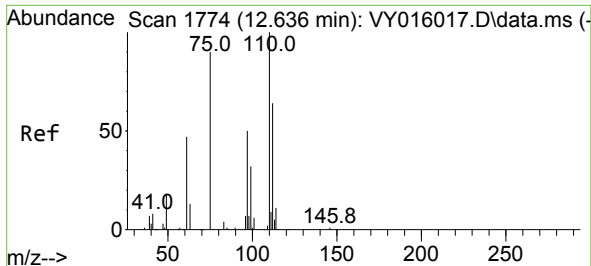


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17



Tgt Ion:152 Resp: 118032
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.5
150 154.5 0.0 348.8

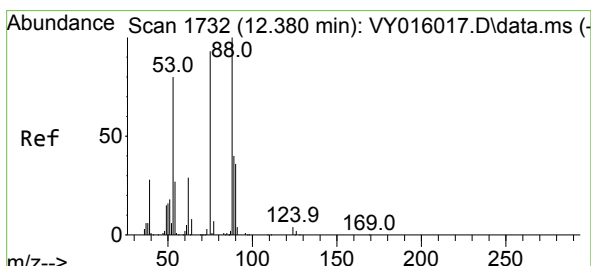
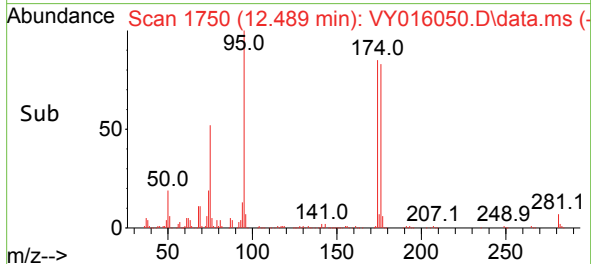
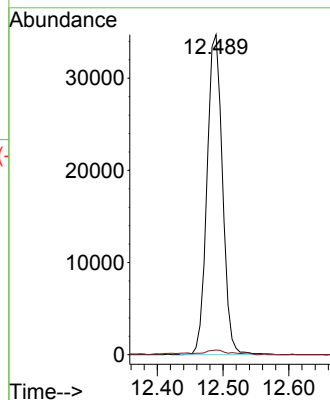
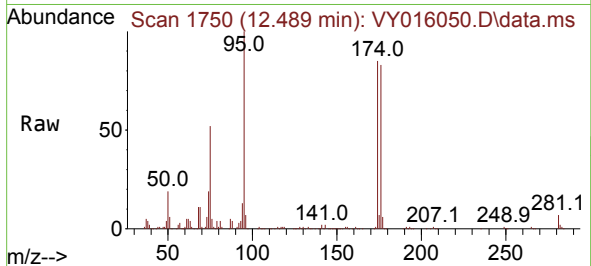




#76
1,2,3-Trichloropropane
Concen: 34.003 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

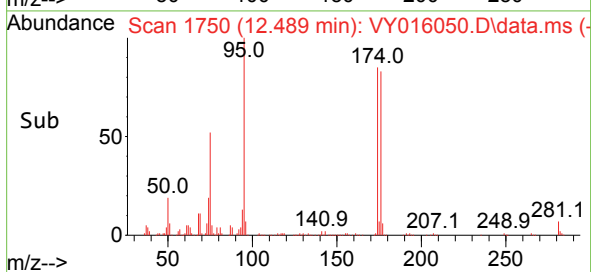
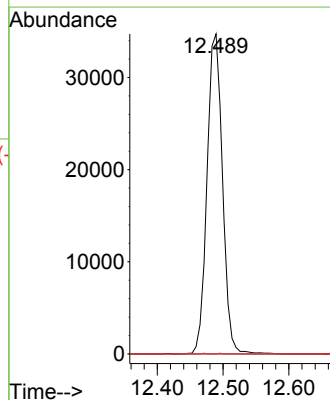
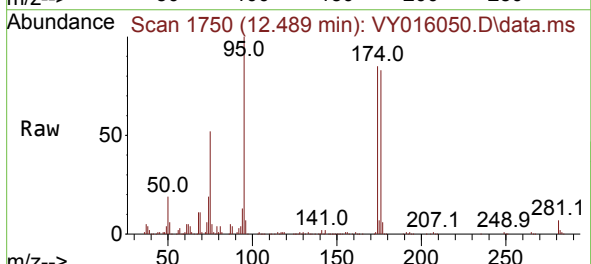
Instrument :
MSVOA_Y
ClientSampleId :

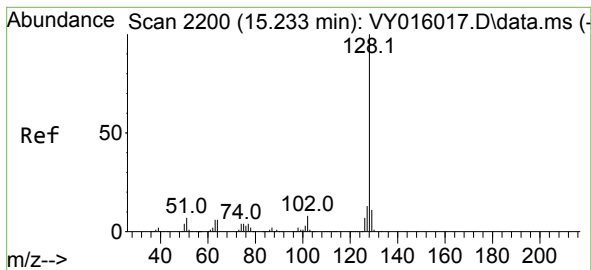
Tgt Ion: 75 Resp: 56826
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.225 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

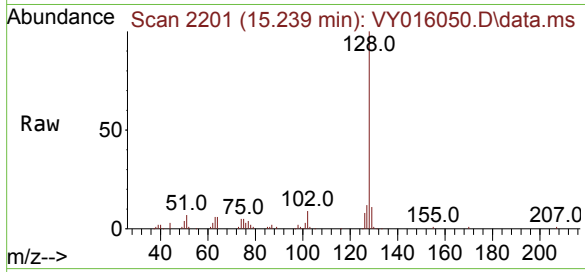
Tgt Ion: 75 Resp: 56826
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#





#95
Naphthalene
Concen: 4.963 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016050.D
Acq: 19 Oct 2023 20:17

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 29706
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 11.3 8.6 13.0

