

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017830.D
 Acq On : 03 Apr 2024 12:35
 Operator : SY/MD
 Sample : P1960-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20071

Quant Time: Apr 04 01:10:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

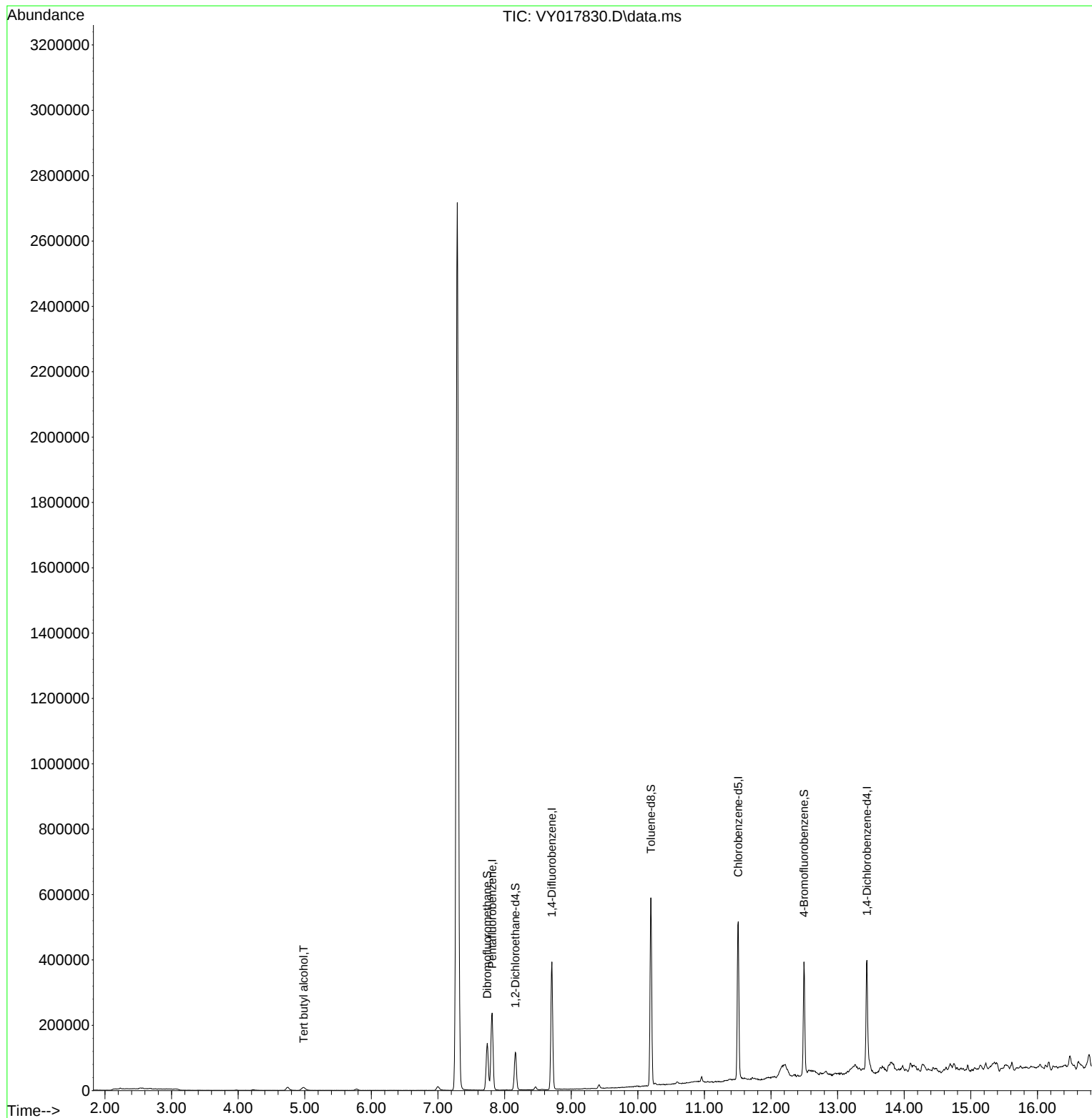
Internal Standards						
1) Pentafluorobenzene	7.813	168	191617	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.709	114	333911	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	274835	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	81149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	90694	54.696	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.400%	
35) Dibromofluoromethane	7.740	113	102102	52.917	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.840%	
50) Toluene-d8	10.197	98	380357	52.773	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.540%	
62) 4-Bromofluorobenzene	12.495	95	94579	43.130	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.260%	
Target Compounds						
11) Tert butyl alcohol	4.985	59	17530	133.732	ug/l	Qvalue # 80

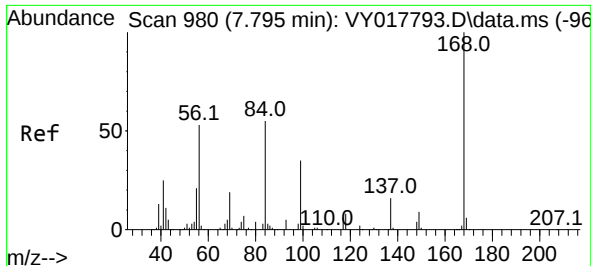
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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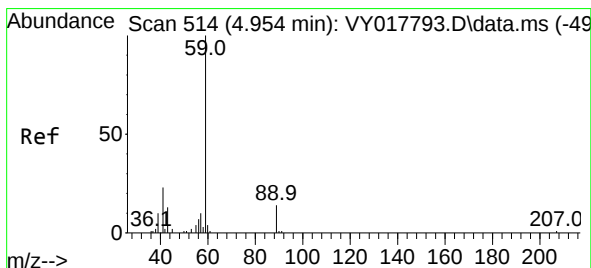
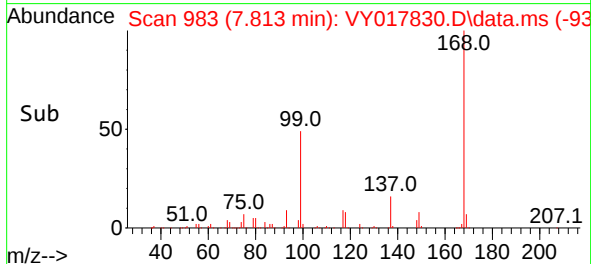
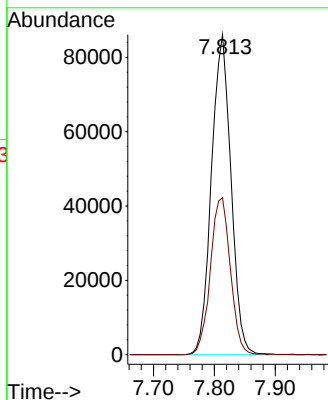
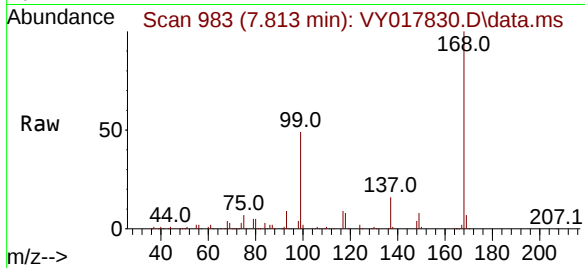




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017830.D
Acq: 03 Apr 2024 12:35

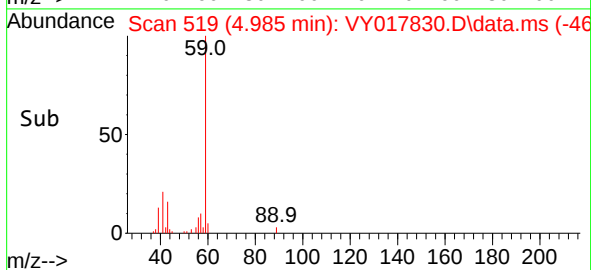
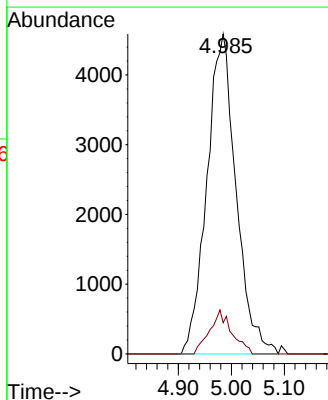
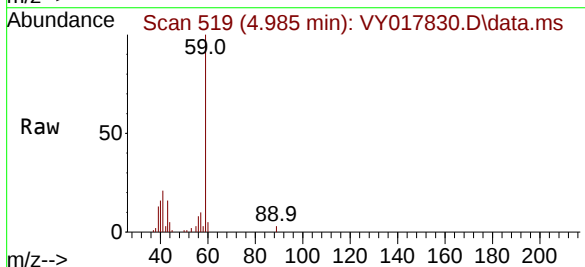
Instrument :
MSVOA_Y
ClientSampleId :
20071

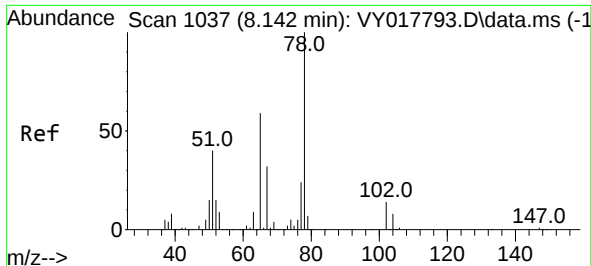
Tgt Ion:168 Resp: 191617
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#11
Tert butyl alcohol
Concen: 133.732 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.031 min
Lab File: VY017830.D
Acq: 03 Apr 2024 12:35

Tgt Ion: 59 Resp: 17530
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.6#





#33

1,2-Dichloroethane-d4

Concen: 54.696 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY017830.D

Acq: 03 Apr 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

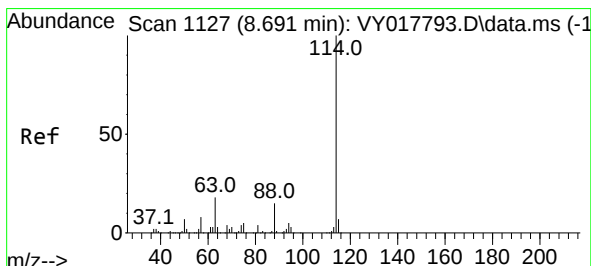
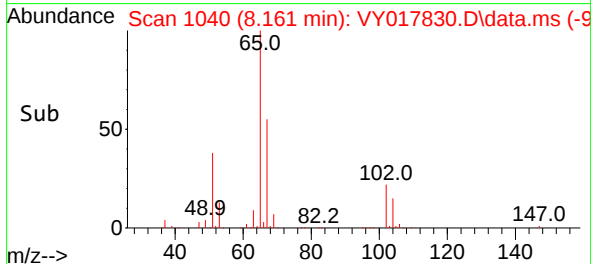
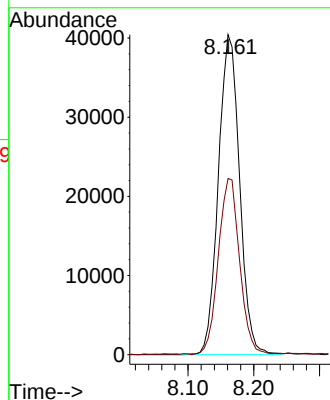
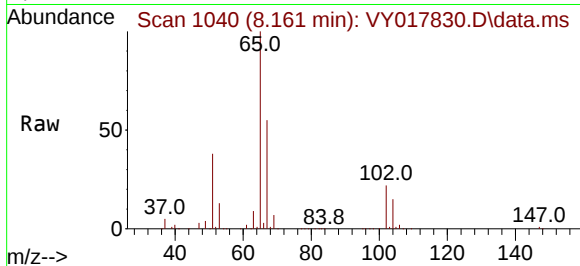
20071

Tgt Ion: 65 Resp: 90694

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.018 min

Lab File: VY017830.D

Acq: 03 Apr 2024 12:35

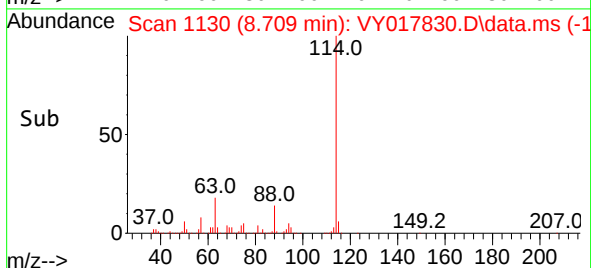
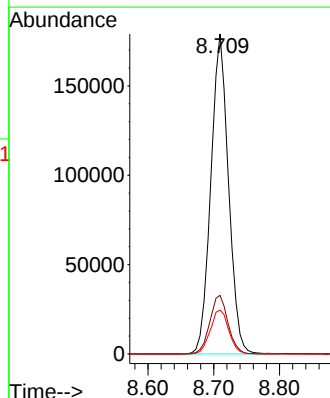
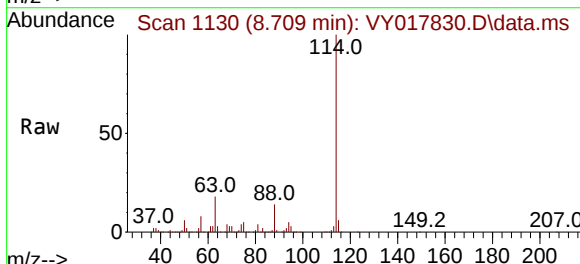
Tgt Ion: 114 Resp: 333911

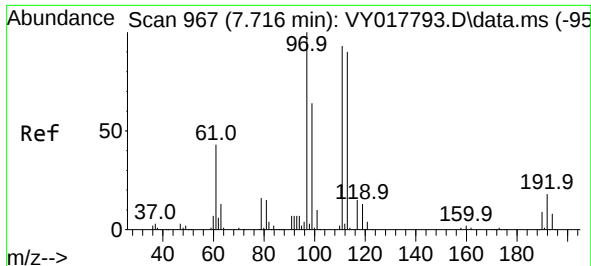
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 13.7 0.0 27.2

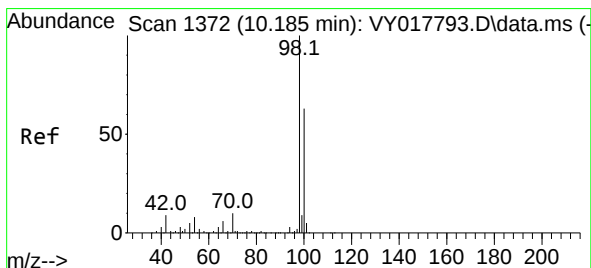
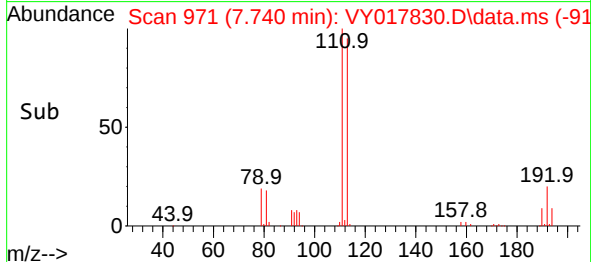
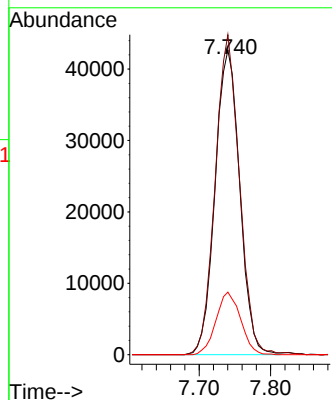
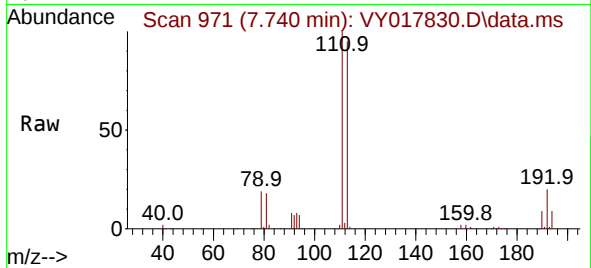




#35
Dibromofluoromethane
Concen: 52.917 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017830.D
Acq: 03 Apr 2024 12:35

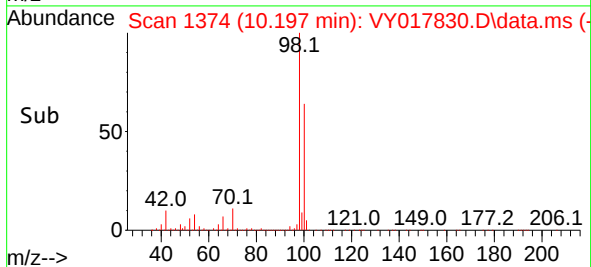
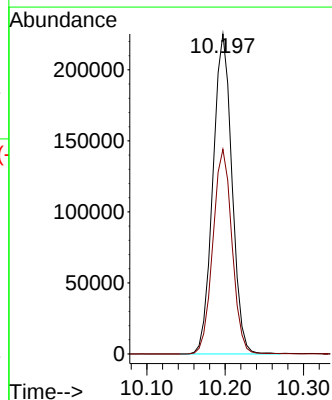
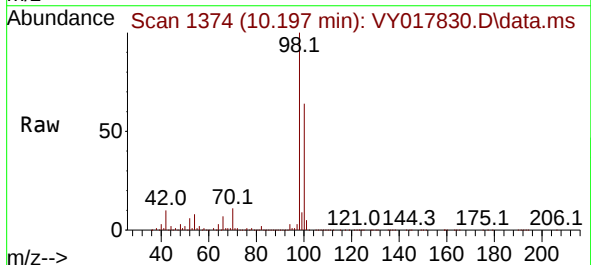
Instrument :
MSVOA_Y
ClientSampleId :
20071

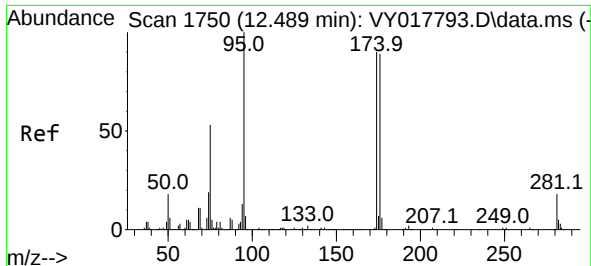
Tgt Ion:113 Resp: 102102
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 20.5 15.9 23.9



#50
Toluene-d8
Concen: 52.773 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY017830.D
Acq: 03 Apr 2024 12:35

Tgt Ion: 98 Resp: 380357
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

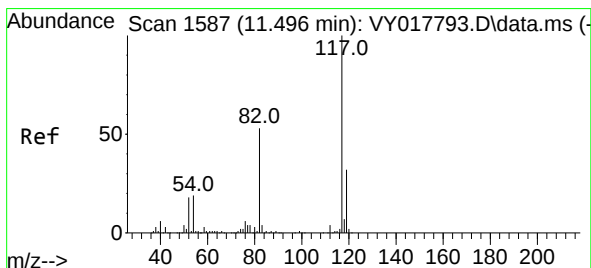
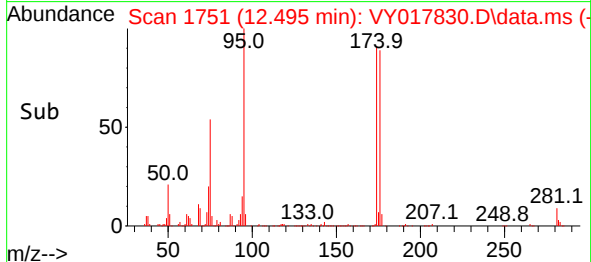
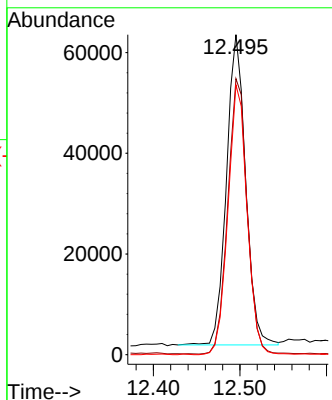
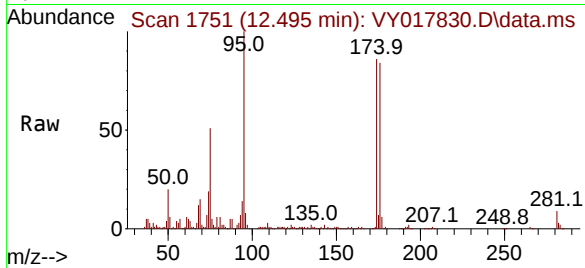




#62
4-Bromofluorobenzene
Concen: 43.130 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017830.D
Acq: 03 Apr 2024 12:35

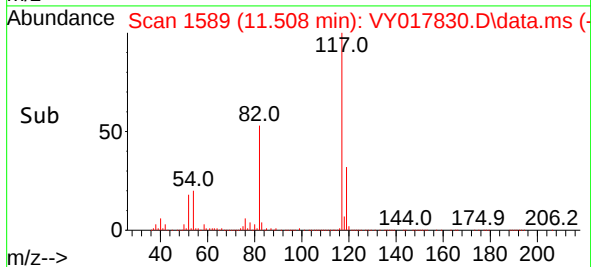
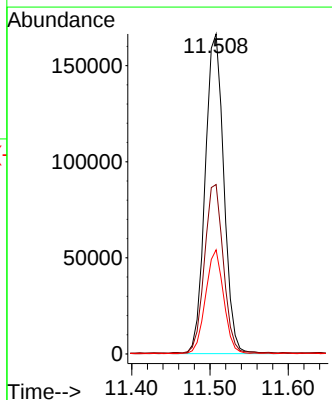
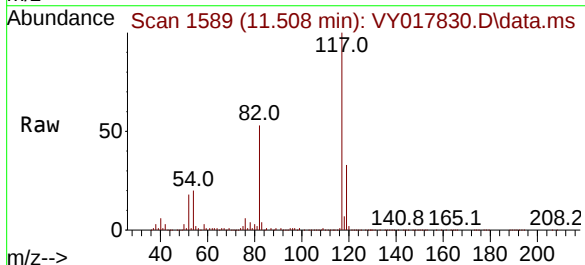
Instrument :
MSVOA_Y
ClientSampleId :
20071

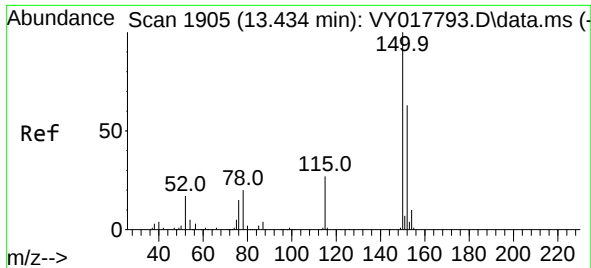
Tgt Ion: 95 Resp: 94579
Ion Ratio Lower Upper
95 100
174 90.1 0.0 175.6
176 86.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.012 min
Lab File: VY017830.D
Acq: 03 Apr 2024 12:35

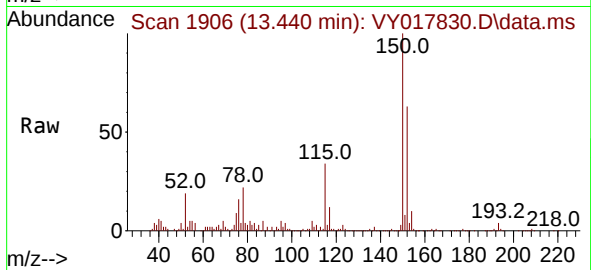
Tgt Ion: 117 Resp: 274835
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 32.4 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017830.D
Acq: 03 Apr 2024 12:35

Instrument :
MSVOA_Y
ClientSampleId :
20071



Tgt Ion:	152	Resp:	81149
Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.2	84.7
150	156.8	0.0	345.6

