

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018507.D
 Acq On : 06 Jun 2024 16:01
 Operator : SY/MD
 Sample : P2712-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-060424

Quant Time: Jun 07 03:06:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

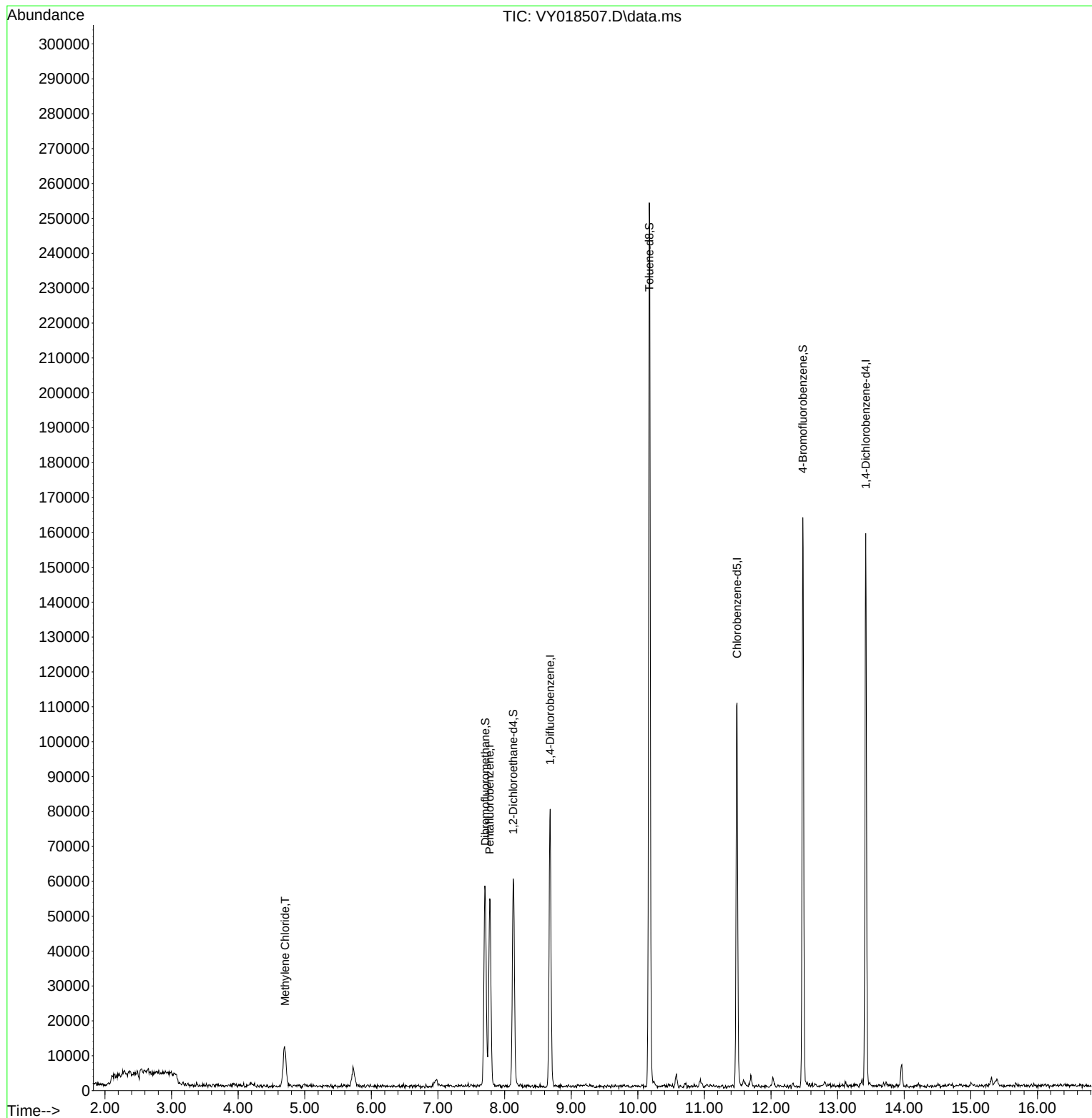
Internal Standards						
1) Pentafluorobenzene	7.777	168	37695	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	64383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	57129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	35681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	44261	59.790	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.580%	
35) Dibromofluoromethane	7.710	113	41100	50.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.680%	
50) Toluene-d8	10.173	98	164569	50.669	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.340%	
62) 4-Bromofluorobenzene	12.477	95	47803	47.271	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.540%	
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	7998	5.860	ug/l	# 86

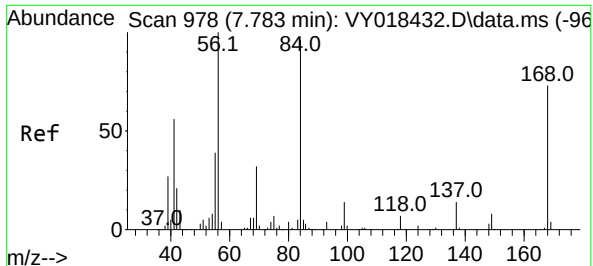
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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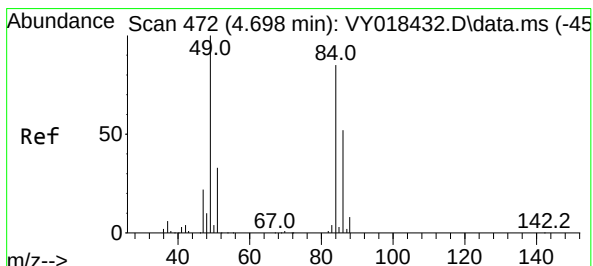
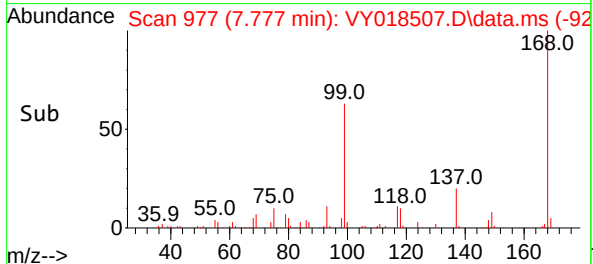
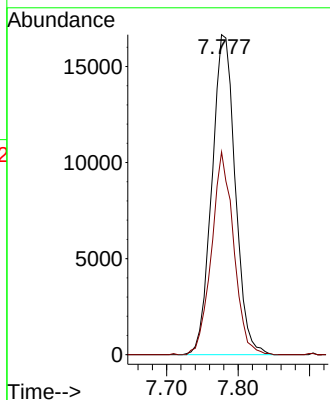
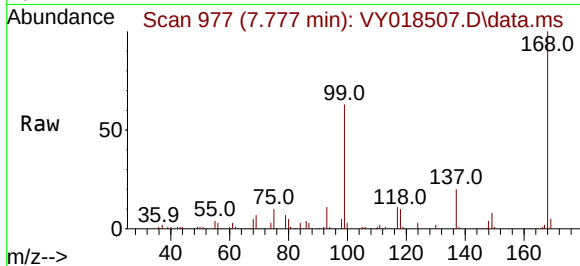




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018507.D
Acq: 06 Jun 2024 16:01

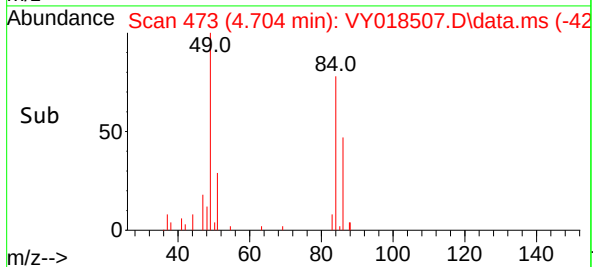
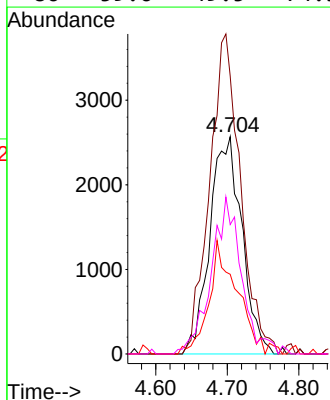
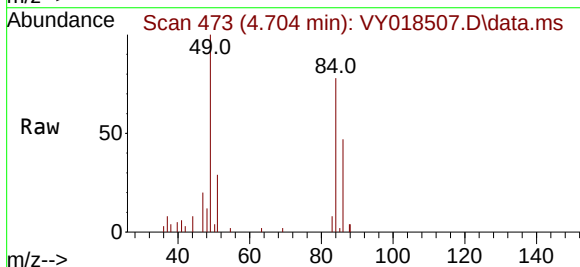
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-060424

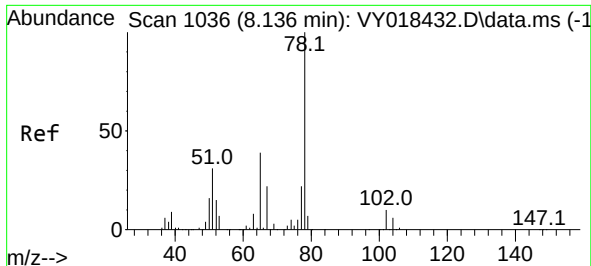
Tgt Ion:168 Resp: 37695
Ion Ratio Lower Upper
168 100
99 63.4 39.1 58.7#



#20
Methylene Chloride
Concen: 5.860 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018507.D
Acq: 06 Jun 2024 16:01

Tgt Ion: 84 Resp: 7998
Ion Ratio Lower Upper
84 100
49 127.9 84.4 126.6#
51 36.7 26.0 39.0
86 59.6 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 59.790 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018507.D

Acq: 06 Jun 2024 16:01

Instrument :

MSVOA_Y

ClientSampleId :

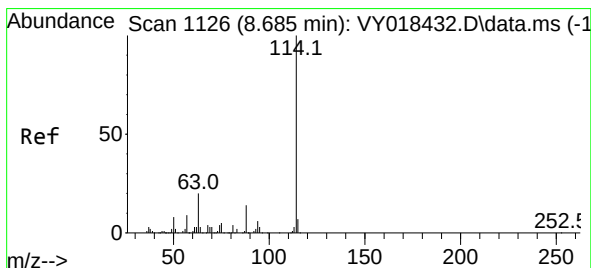
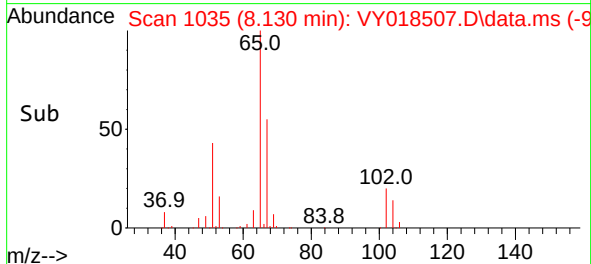
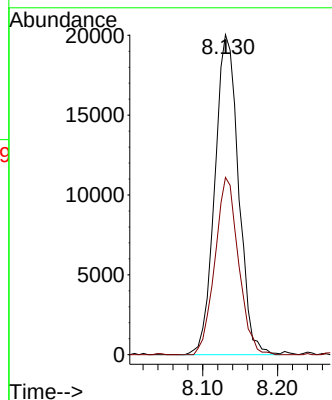
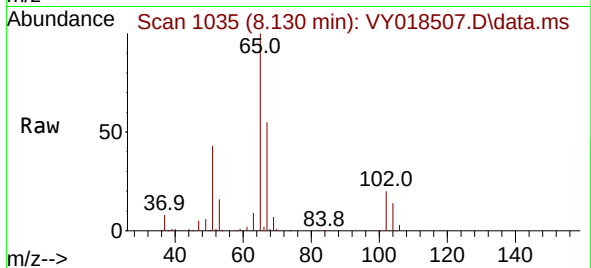
EO-01-060424

Tgt Ion: 65 Resp: 44261

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018507.D

Acq: 06 Jun 2024 16:01

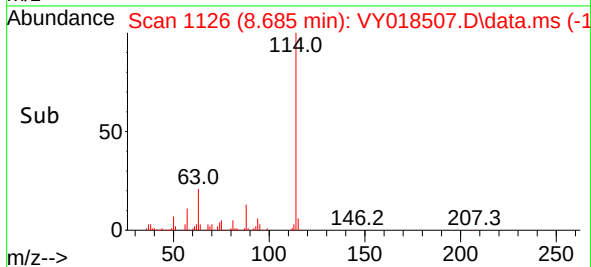
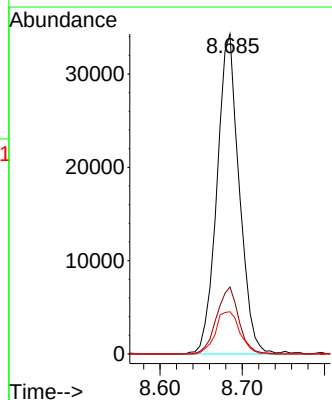
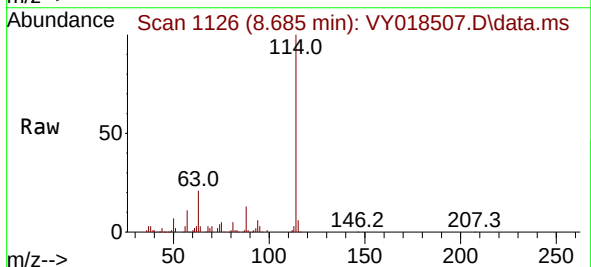
Tgt Ion: 114 Resp: 64383

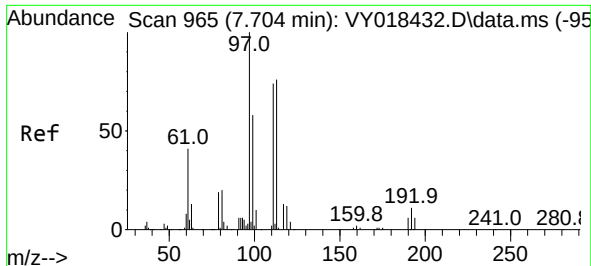
Ion Ratio Lower Upper

114 100

63 21.0 0.0 35.0

88 13.2 0.0 27.2

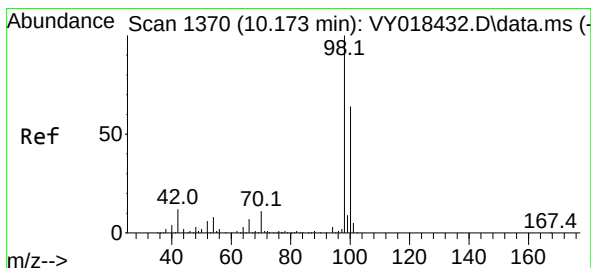
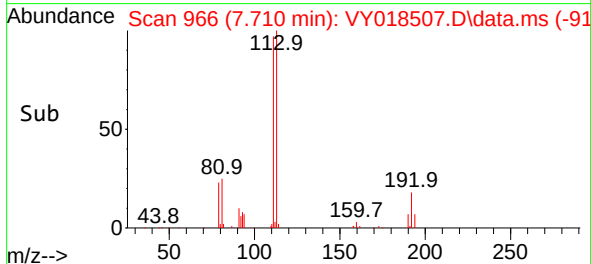
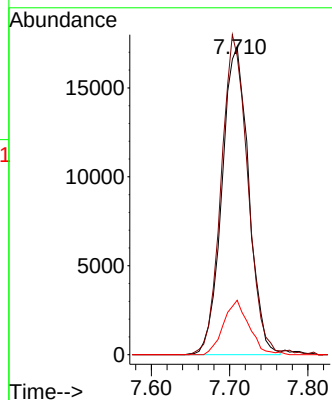
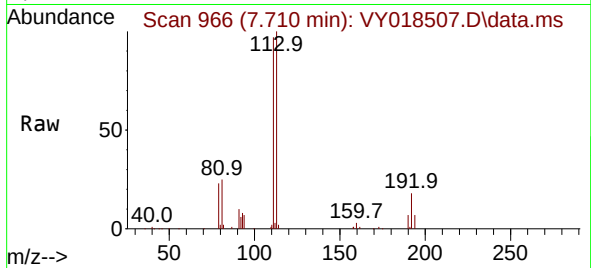




#35
Dibromofluoromethane
Concen: 50.342 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018507.D
Acq: 06 Jun 2024 16:01

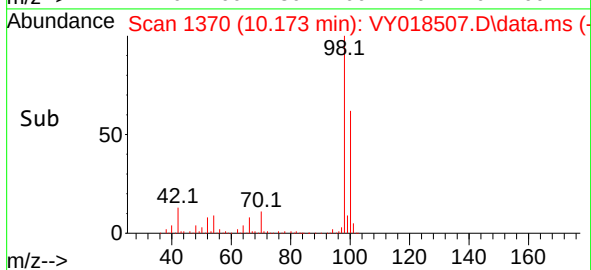
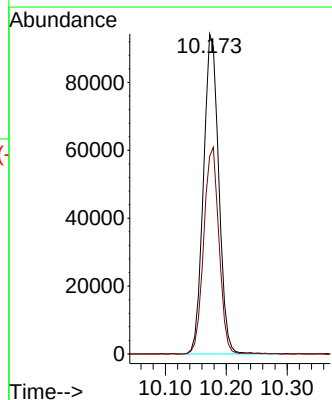
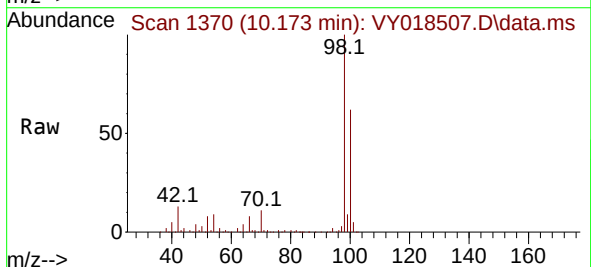
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-060424

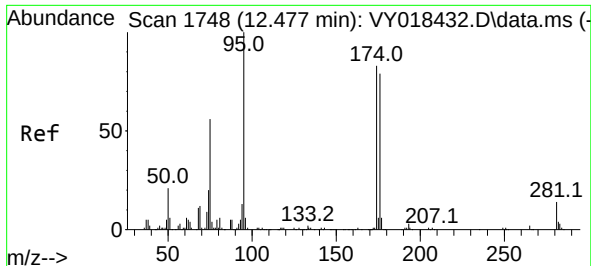
Tgt Ion:113 Resp: 41100
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 16.9 15.9 23.9



#50
Toluene-d8
Concen: 50.669 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018507.D
Acq: 06 Jun 2024 16:01

Tgt Ion: 98 Resp: 164569
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

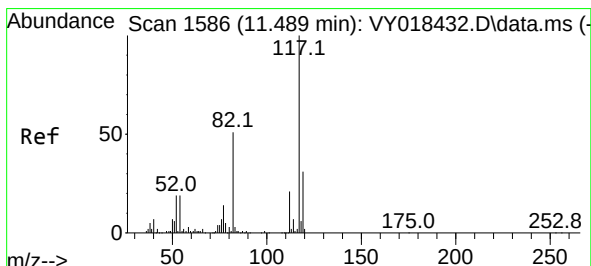
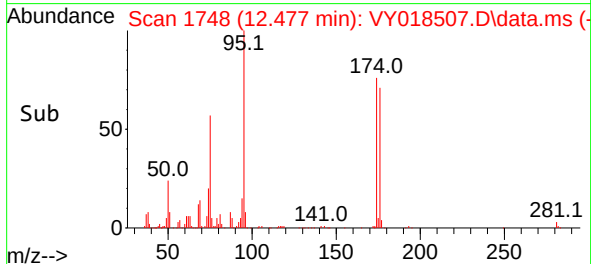
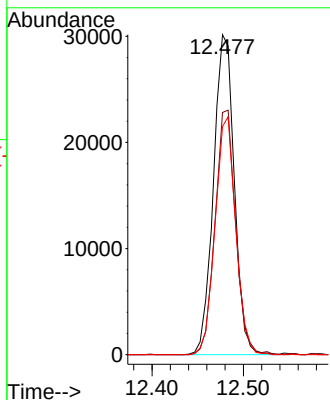
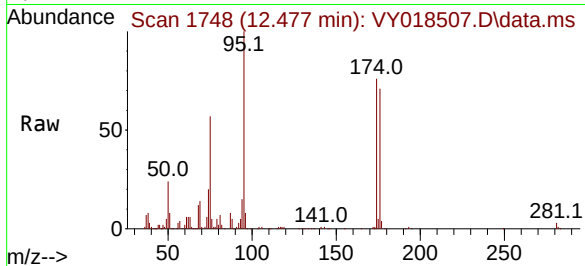




#62
4-Bromofluorobenzene
Concen: 47.271 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018507.D
Acq: 06 Jun 2024 16:01

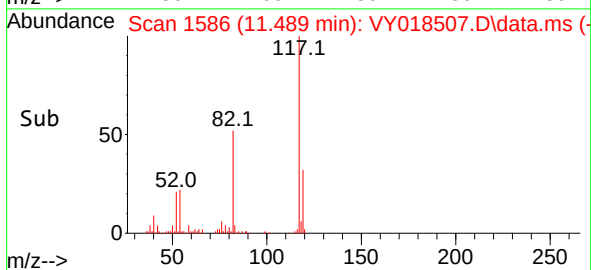
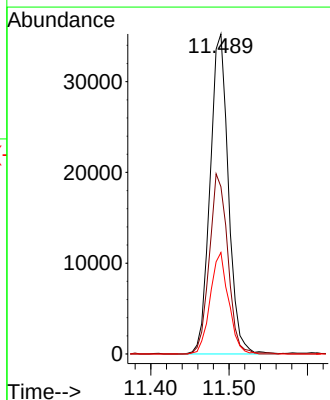
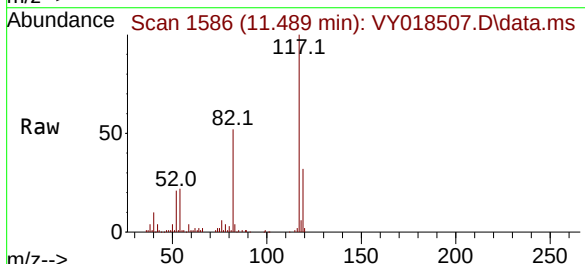
Instrument :
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ClientSampleId :
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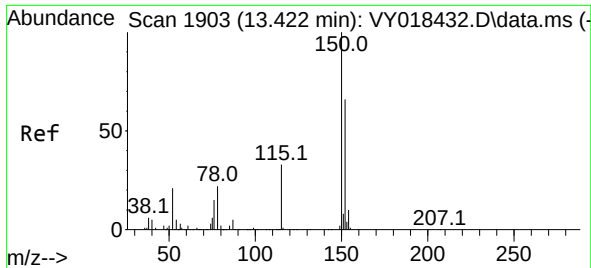
Tgt Ion: 95 Resp: 47803
Ion Ratio Lower Upper
95 100
174 75.5 0.0 175.6
176 73.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018507.D
Acq: 06 Jun 2024 16:01

Tgt Ion: 117 Resp: 57129
Ion Ratio Lower Upper
117 100
82 52.2 42.4 63.6
119 31.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018507.D
 Acq: 06 Jun 2024 16:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-060424

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	28.2	84.7
150	158.6	0.0	345.6

