

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018805.D
 Acq On : 12 Jul 2024 18:18
 Operator : SY/MD
 Sample : P3207-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-2929

Quant Time: Jul 12 23:43:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

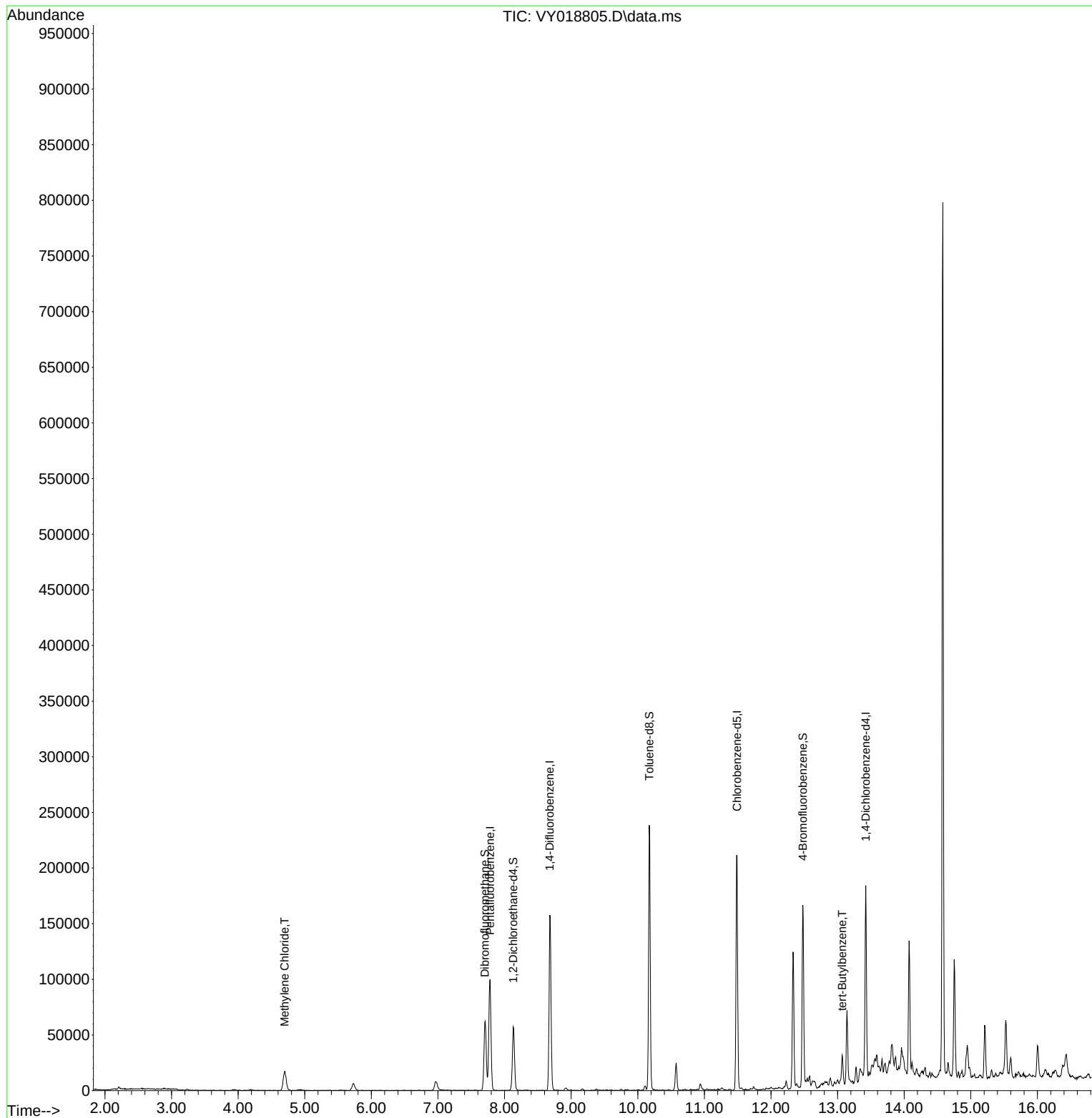
Internal Standards						
1) Pentafluorobenzene	7.783	168	79880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	139410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	118689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	44029	56.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.020%
35) Dibromofluoromethane	7.704	113	44312	50.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.500%
50) Toluene-d8	10.173	98	152464	46.089	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.180%
62) 4-Bromofluorobenzene	12.477	95	45834	40.572	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.140%
Target Compounds						
20) Methylene Chloride	4.698	84	13434	12.662	ug/l	94
83) tert-Butylbenzene	13.069	119	10793	4.629	ug/l	93

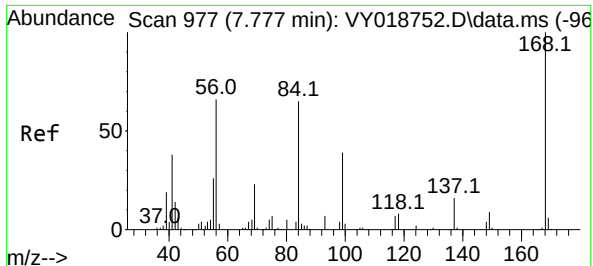
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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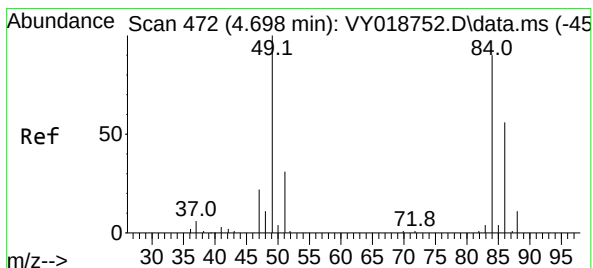
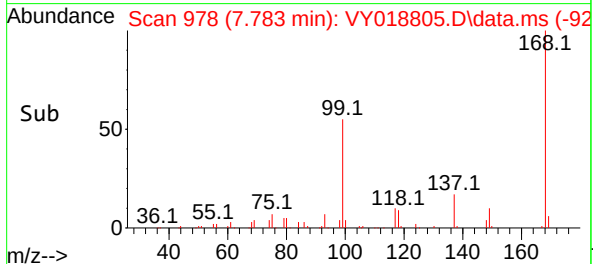
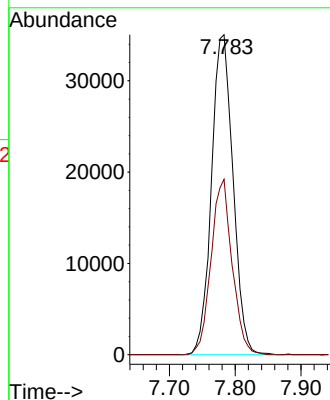
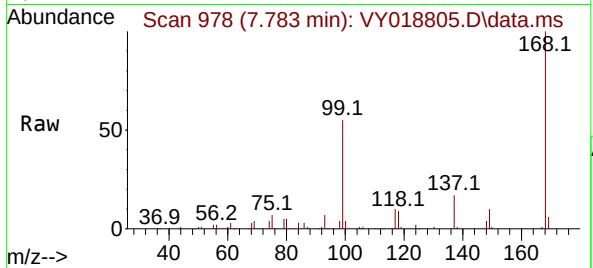




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

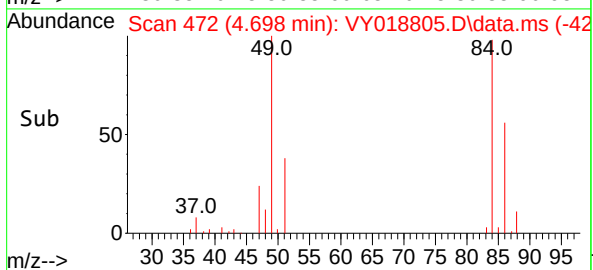
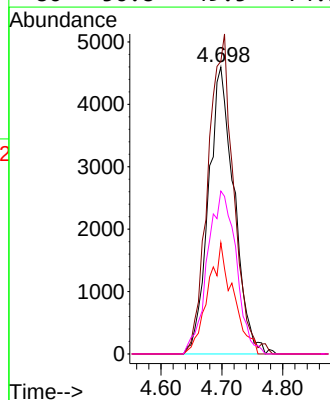
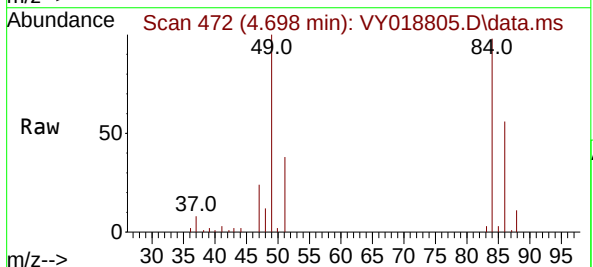
Instrument :
MSVOA_Y
ClientSampleId :
RT-2929

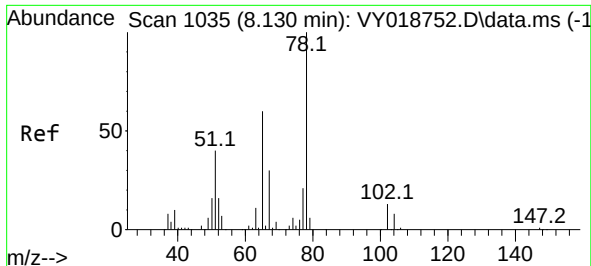
Tgt Ion:168 Resp: 79880
Ion Ratio Lower Upper
168 100
99 54.8 39.1 58.7



#20
Methylene Chloride
Concen: 12.662 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

Tgt Ion: 84 Resp: 13434
Ion Ratio Lower Upper
84 100
49 102.0 84.4 126.6
51 38.8 26.0 39.0
86 56.8 49.5 74.3

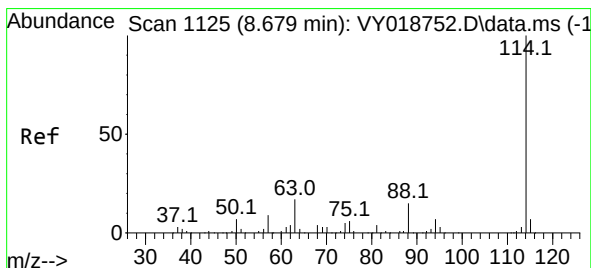
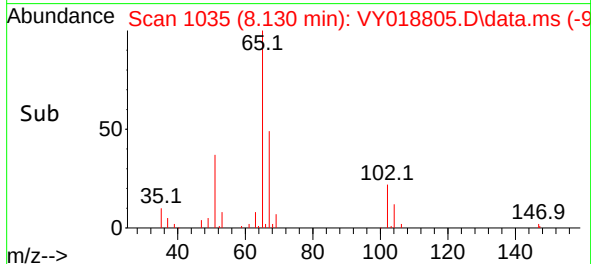
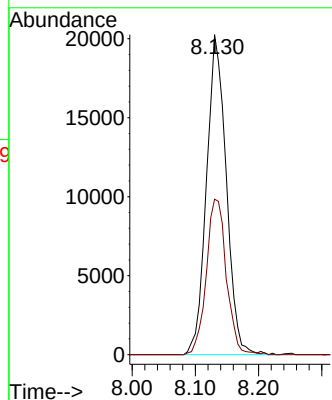
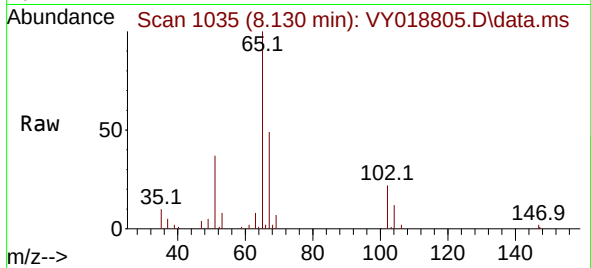




#33
 1,2-Dichloroethane-d4
 Concen: 56.014 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VY018805.D
 Acq: 12 Jul 2024 18:18

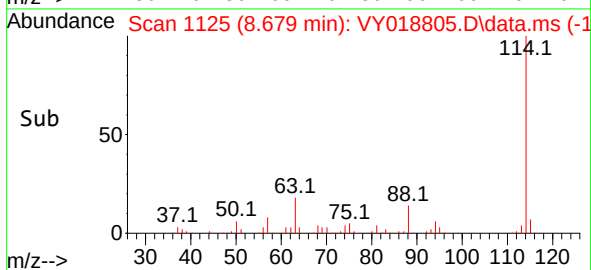
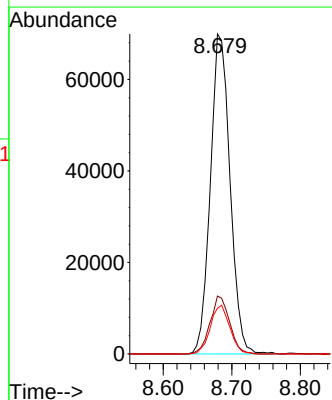
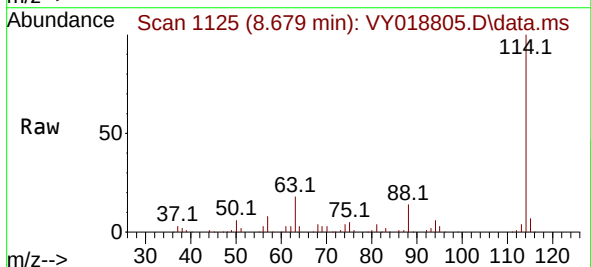
Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-2929

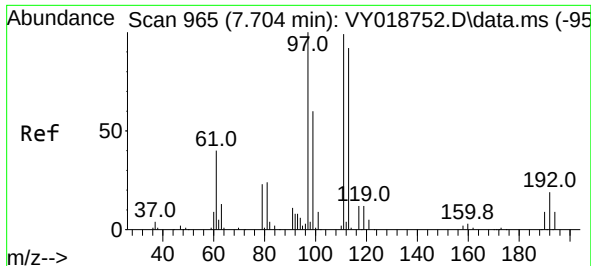
Tgt Ion: 65 Resp: 44029
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VY018805.D
 Acq: 12 Jul 2024 18:18

Tgt Ion: 114 Resp: 139410
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.0
 88 14.2 0.0 27.2

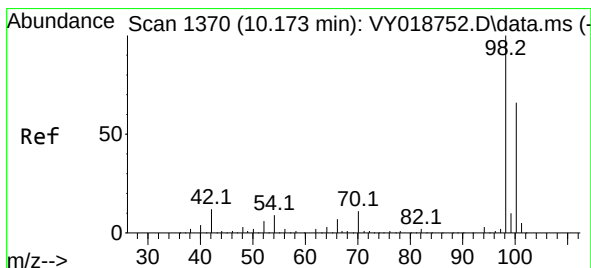
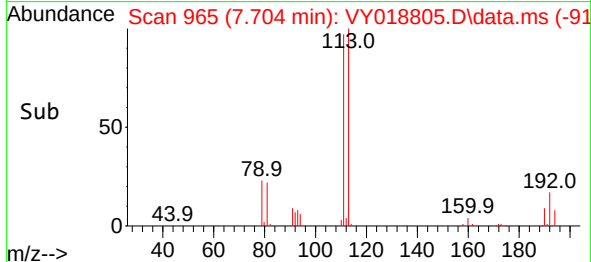
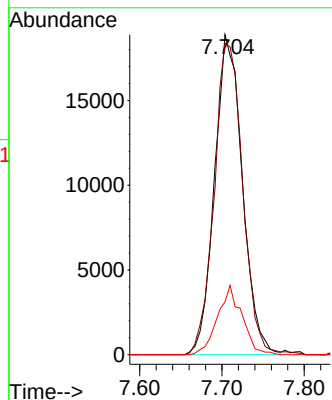
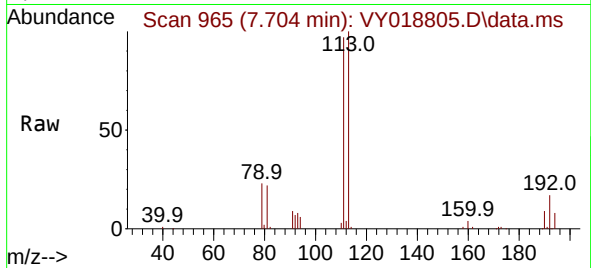




#35
Dibromofluoromethane
Concen: 50.749 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

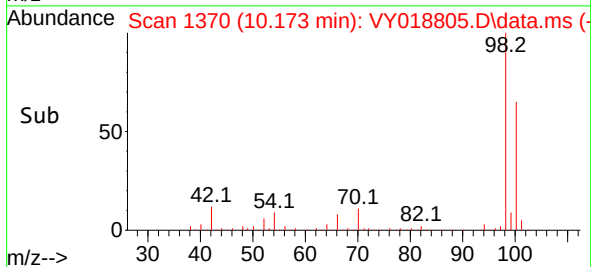
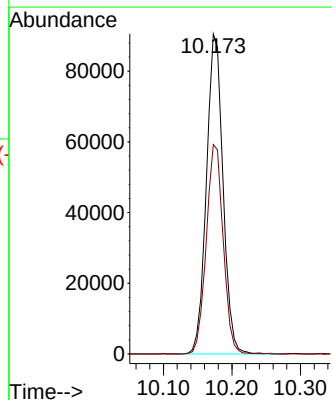
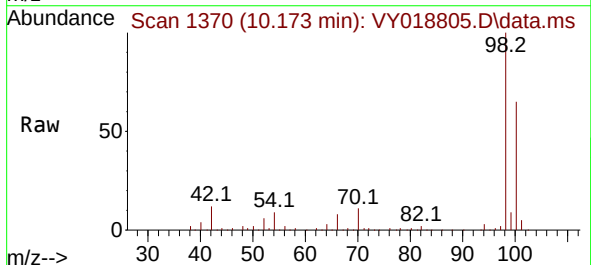
Instrument :
MSVOA_Y
ClientSampleId :
RT-2929

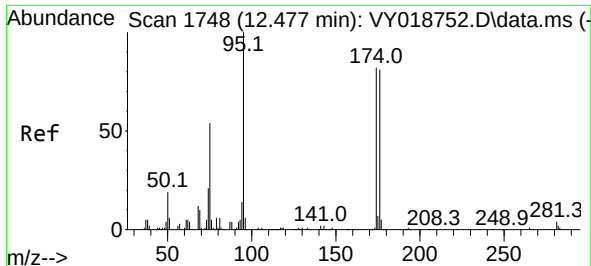
Tgt Ion:113 Resp: 44312
Ion Ratio Lower Upper
113 100
111 100.3 82.2 123.4
192 19.0 15.9 23.9



#50
Toluene-d8
Concen: 46.089 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

Tgt Ion: 98 Resp: 152464
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0

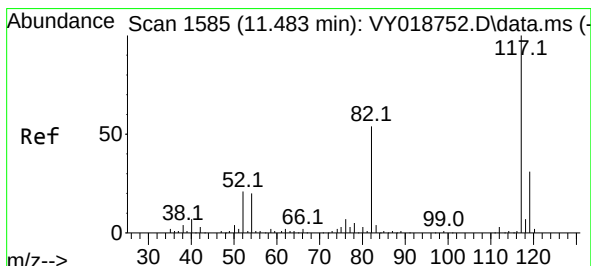
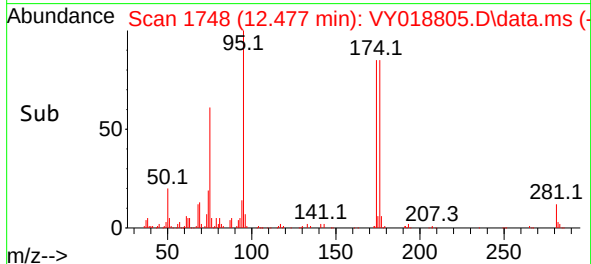
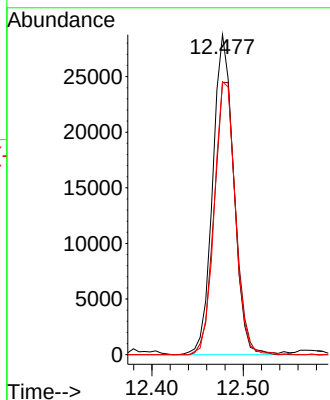
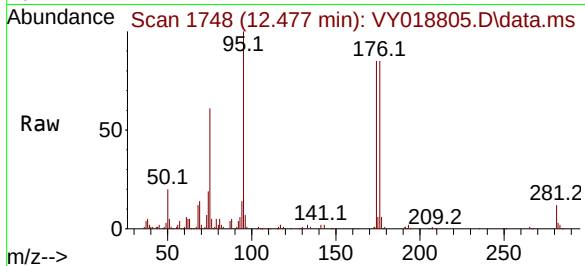




#62
4-Bromofluorobenzene
Concen: 40.572 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

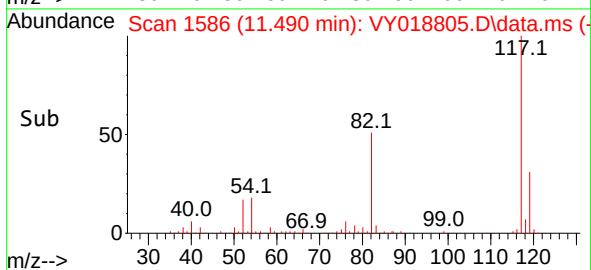
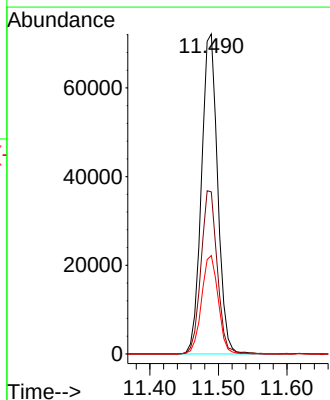
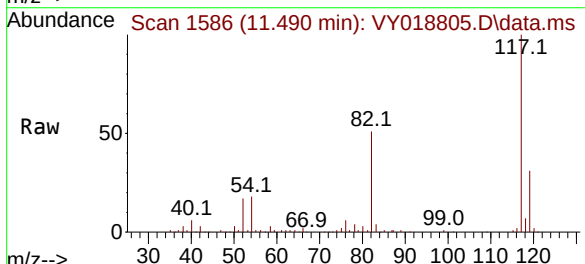
Instrument :
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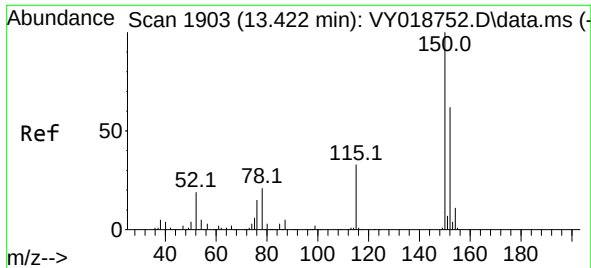
Tgt Ion: 95 Resp: 45834
Ion Ratio Lower Upper
95 100
174 86.8 0.0 175.6
176 85.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

Tgt Ion: 117 Resp: 118689
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 30.7 25.9 38.9

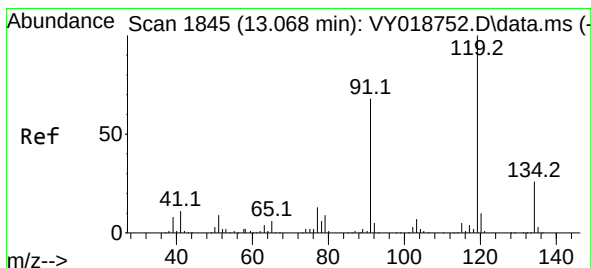
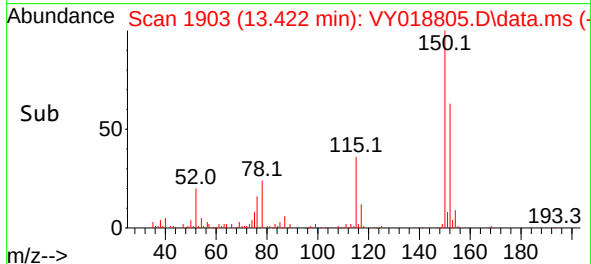
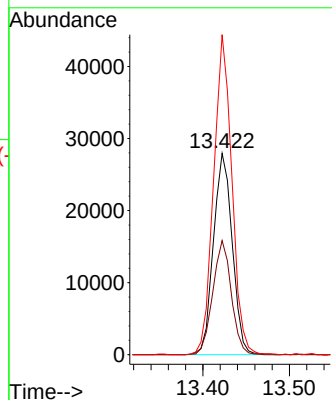
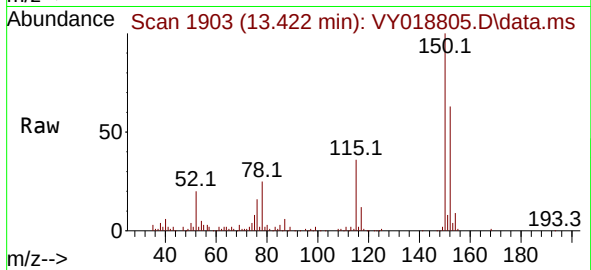




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

Instrument :
MSVOA_Y
ClientSampleId :
RT-2929

Tgt Ion:152 Resp: 42177
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 154.4 0.0 345.6



#83
tert-Butylbenzene
Concen: 4.629 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

Tgt Ion:119 Resp: 10793
Ion Ratio Lower Upper
119 100
91 68.6 31.3 93.8
134 24.7 13.4 40.1

