

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021811.D
 Acq On : 09 Apr 2025 12:06
 Operator : SY/MD
 Sample : Q1737-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT3069RE

Quant Time: Apr 09 13:58:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

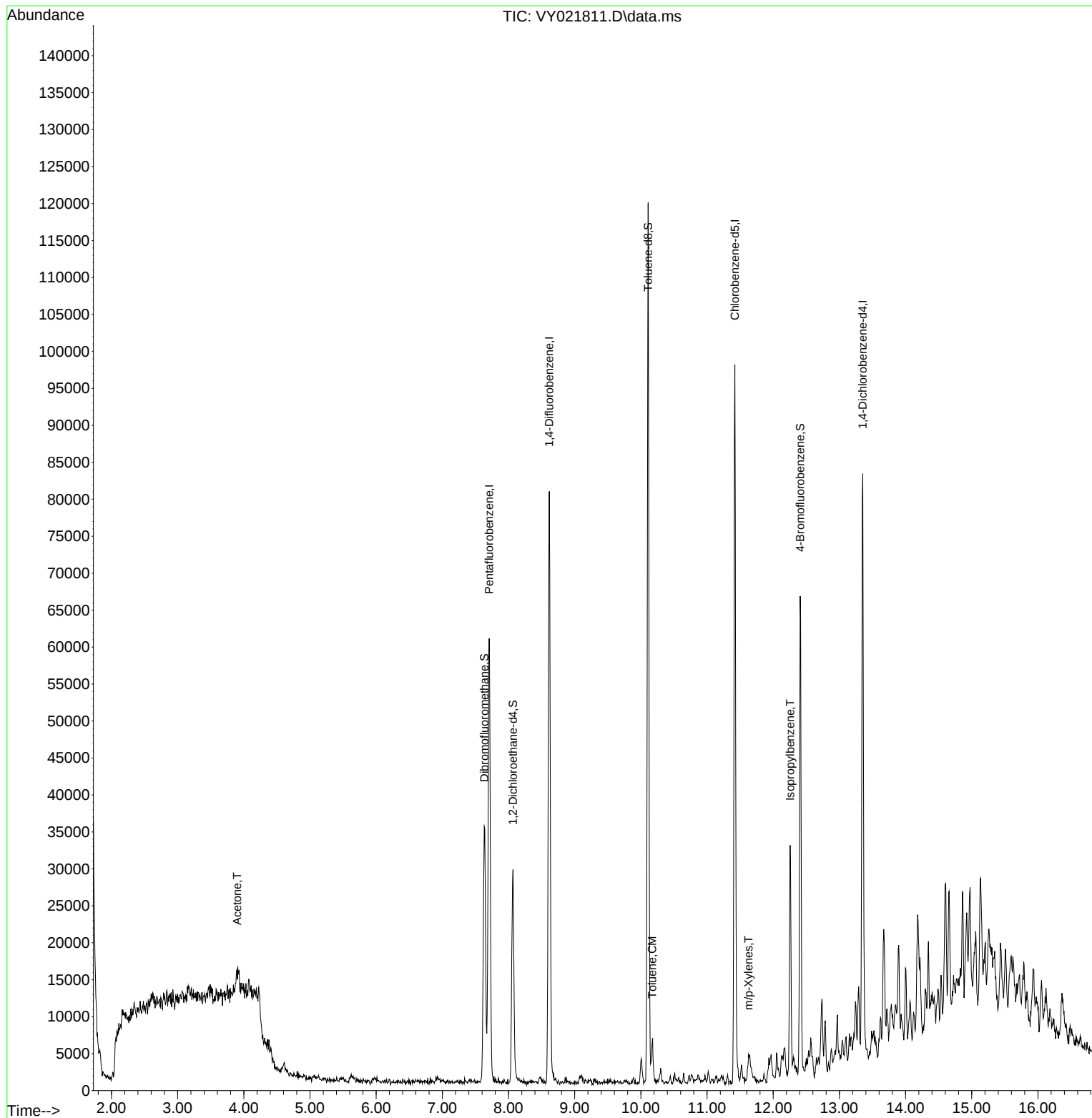
Internal Standards						
1) Pentafluorobenzene	7.707	168	43351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	65442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	50188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	20305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	22396	47.682	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.360%
35) Dibromofluoromethane	7.634	113	25475	60.010	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.020%
50) Toluene-d8	10.109	98	74158	45.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.840%
62) 4-Bromofluorobenzene	12.408	95	19668	36.005	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.000%
Target Compounds						
					Qvalue	
16) Acetone	3.897	43	8964	93.250	ug/l #	82
52) Toluene	10.170	92	2017	1.670	ug/l	97
68) m/p-Xylenes	11.627	106	956	1.265	ug/l	92
73) Isopropylbenzene	12.255	105	16401	10.875	ug/l	98

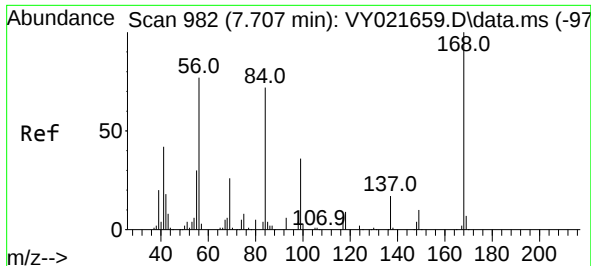
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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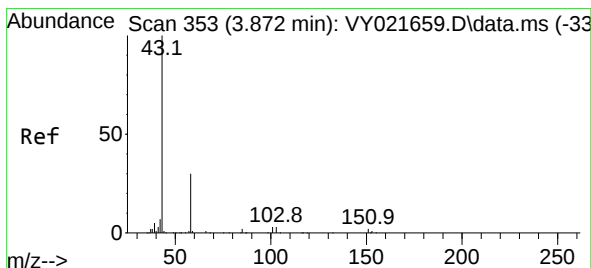
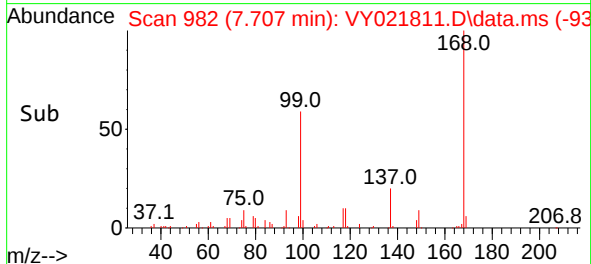
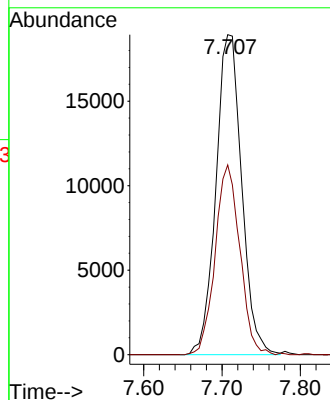
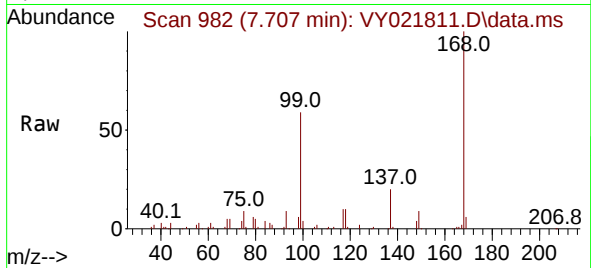




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021811.D
Acq: 09 Apr 2025 12:06

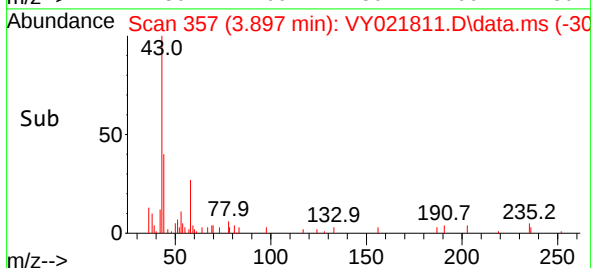
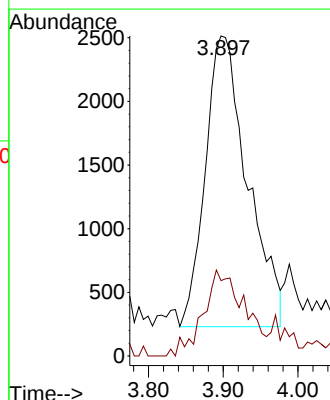
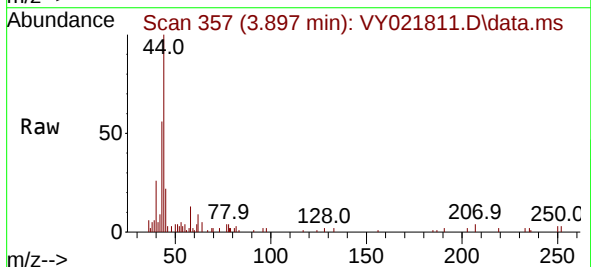
Instrument :
MSVOA_Y
ClientSampleId :
RT3069RE

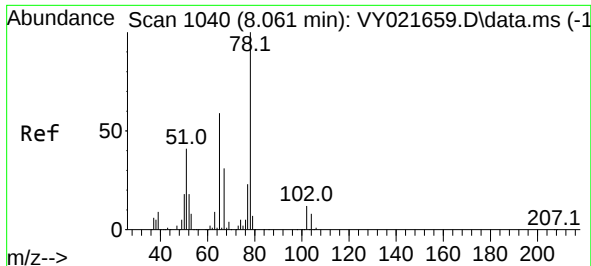
Tgt Ion:168 Resp: 43351
Ion Ratio Lower Upper
168 100
99 59.3 46.7 70.1



#16
Acetone
Concen: 93.250 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.024 min
Lab File: VY021811.D
Acq: 09 Apr 2025 12:06

Tgt Ion: 43 Resp: 8964
Ion Ratio Lower Upper
43 100
58 20.5 24.2 36.4#

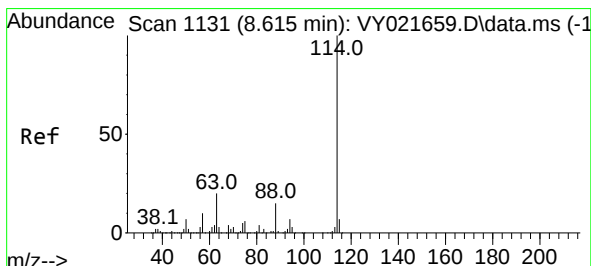
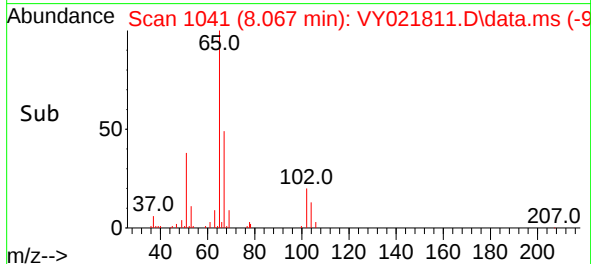
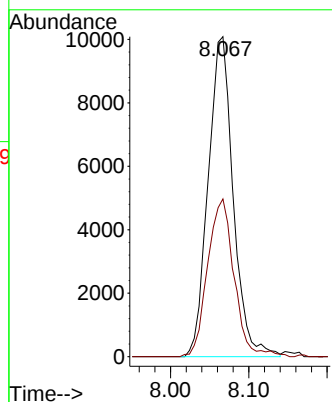
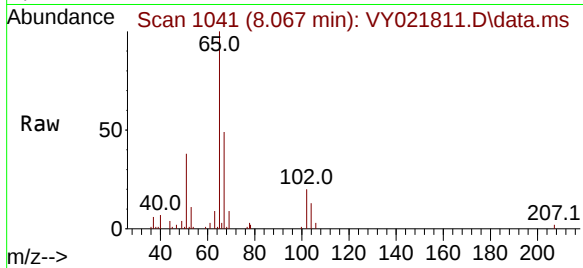




#33
 1,2-Dichloroethane-d4
 Concen: 47.682 ug/l
 RT: 8.067 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VY021811.D
 Acq: 09 Apr 2025 12:06

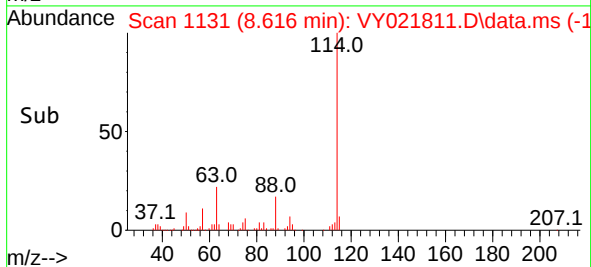
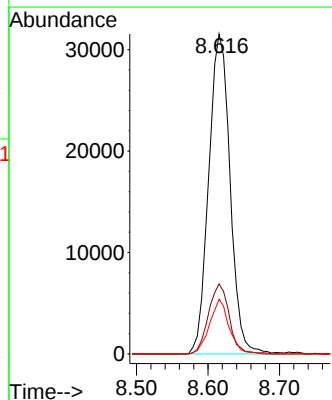
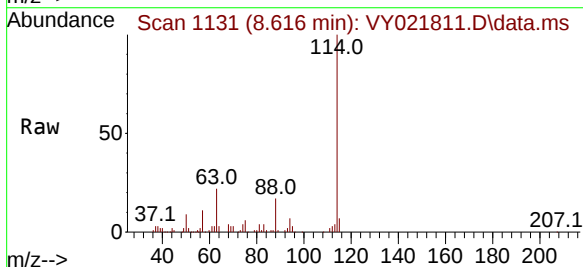
Instrument :
 MSVOA_Y
 ClientSampleId :
 RT3069RE

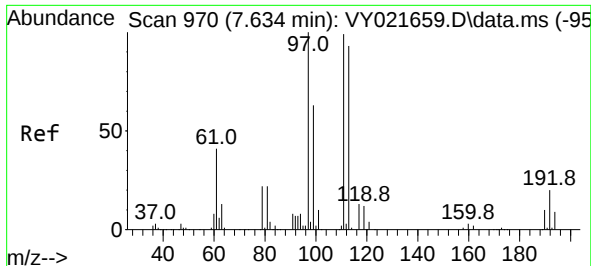
Tgt Ion: 65 Resp: 22396
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021811.D
 Acq: 09 Apr 2025 12:06

Tgt Ion: 114 Resp: 65442
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 40.2
 88 17.1 0.0 29.8

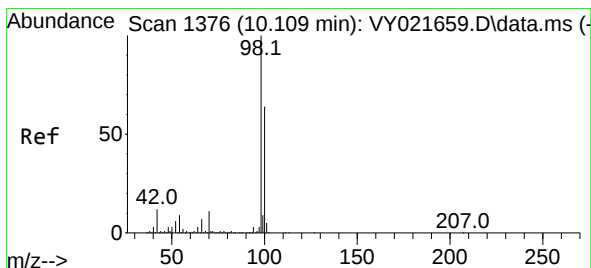
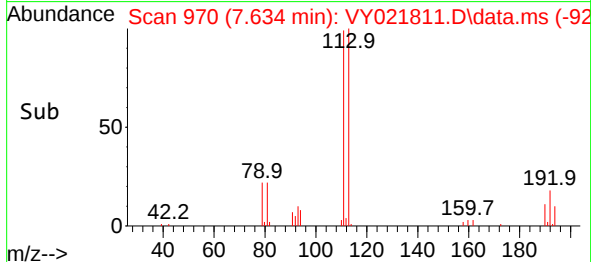
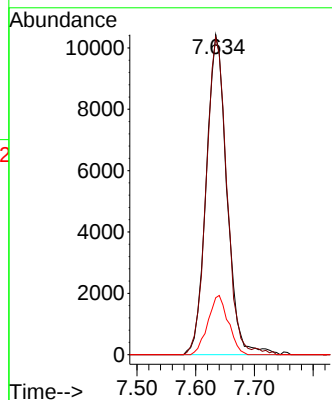
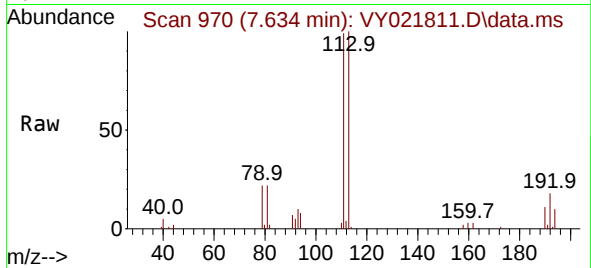




#35
Dibromofluoromethane
Concen: 60.010 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021811.D
Acq: 09 Apr 2025 12:06

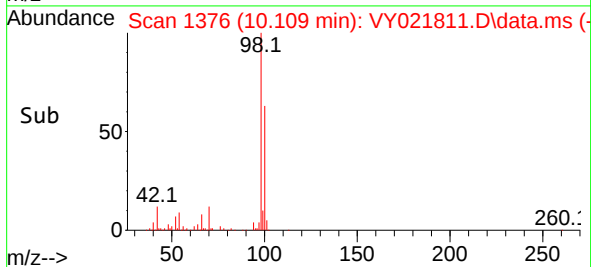
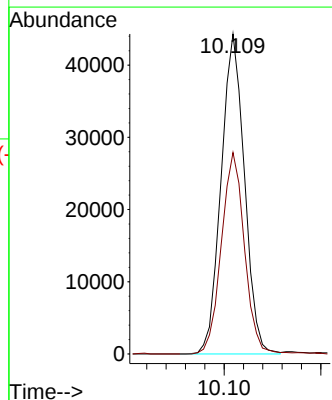
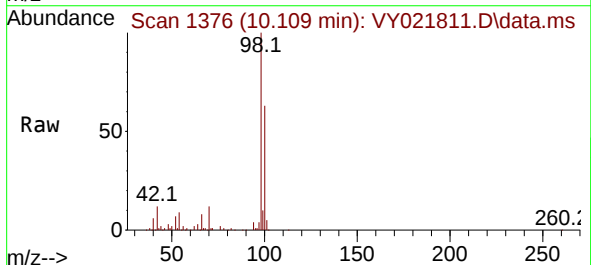
Instrument :
MSVOA_Y
ClientSampleId :
RT3069RE

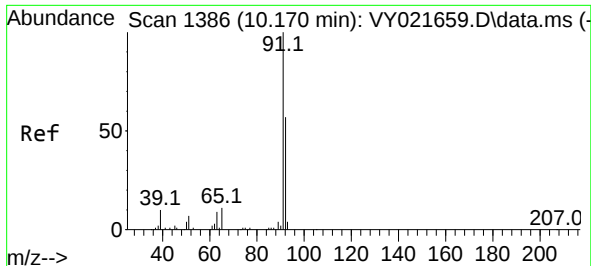
Tgt Ion:113 Resp: 25475
Ion Ratio Lower Upper
113 100
111 99.2 82.6 123.8
192 18.3 16.2 24.4



#50
Toluene-d8
Concen: 45.919 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021811.D
Acq: 09 Apr 2025 12:06

Tgt Ion: 98 Resp: 74158
Ion Ratio Lower Upper
98 100
100 62.5 52.1 78.1

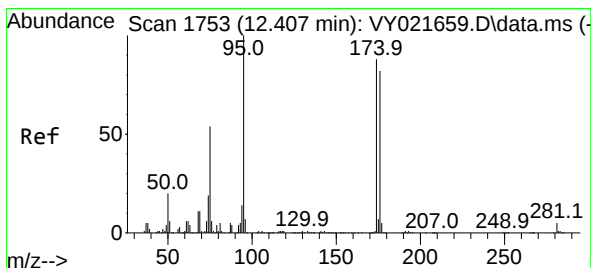
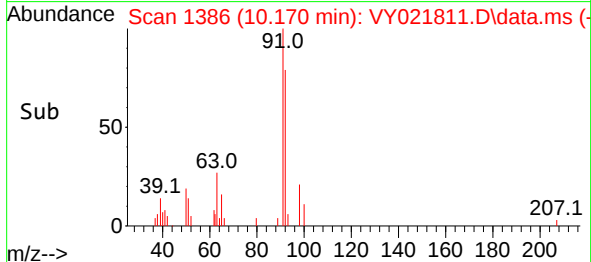
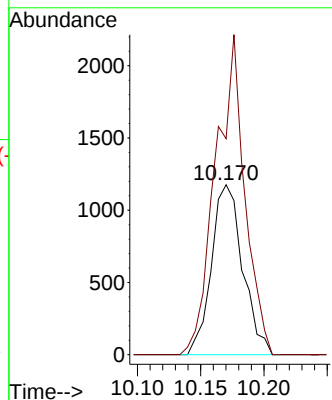
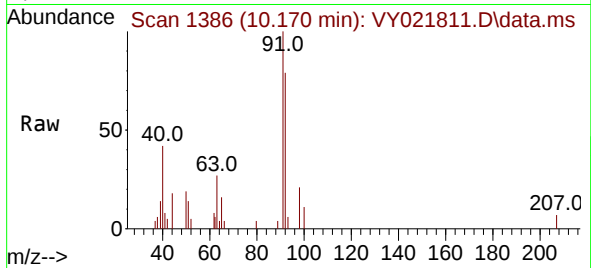




#52
Toluene
Concen: 1.670 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021811.D
Acq: 09 Apr 2025 12:06

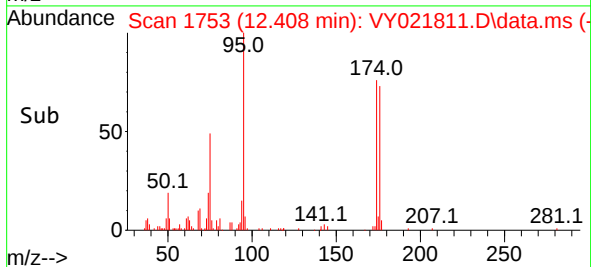
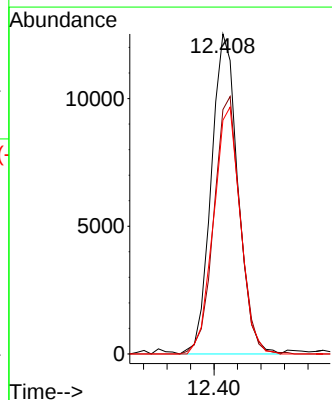
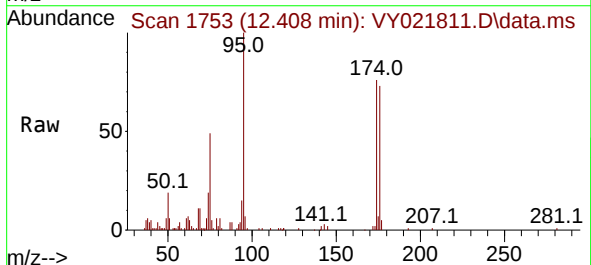
Instrument :
MSVOA_Y
ClientSampleId :
RT3069RE

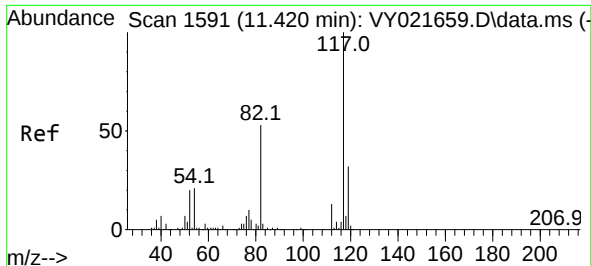
Tgt Ion: 92 Resp: 2017
Ion Ratio Lower Upper
92 100
91 176.7 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 36.005 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021811.D
Acq: 09 Apr 2025 12:06

Tgt Ion: 95 Resp: 19668
Ion Ratio Lower Upper
95 100
174 79.5 0.0 170.8
176 78.0 0.0 162.0

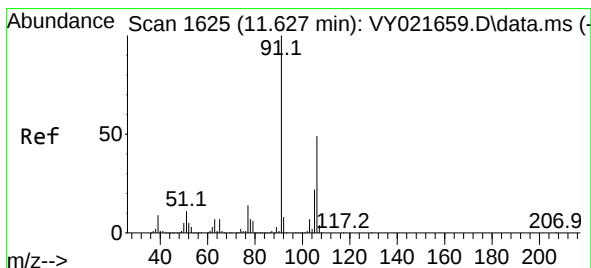
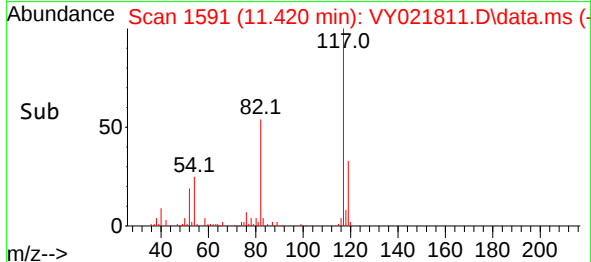
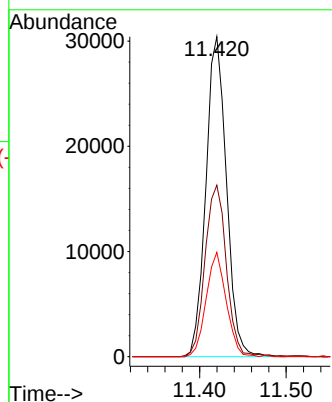
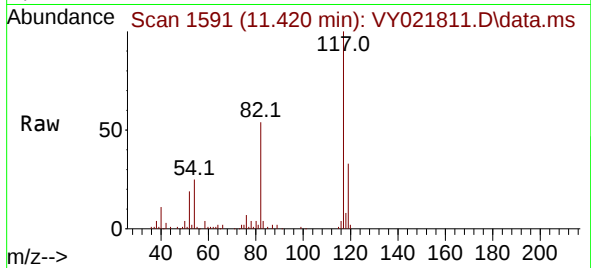




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021811.D
Acq: 09 Apr 2025 12:06

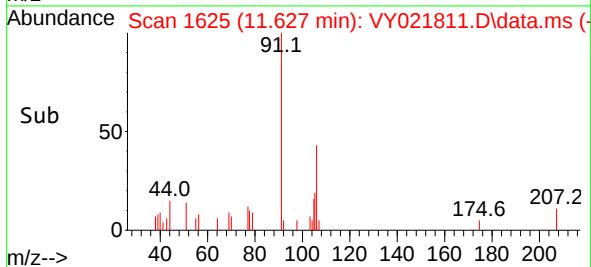
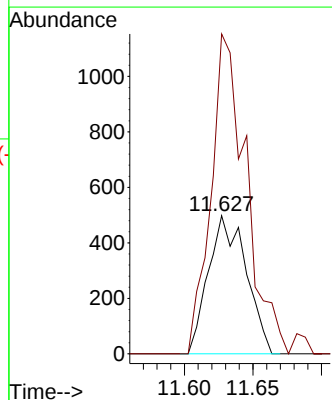
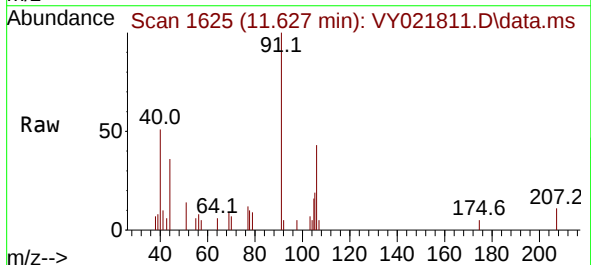
Instrument :
MSVOA_Y
ClientSampleId :
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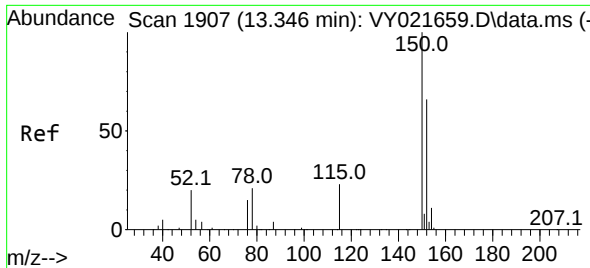
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.8	64.2
119	32.6	25.7	38.5



#68
m/p-Xylenes
Concen: 1.265 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021811.D
Acq: 09 Apr 2025 12:06

Tgt Ion	Ratio	Lower	Upper
106	100		
91	215.5	162.4	243.6

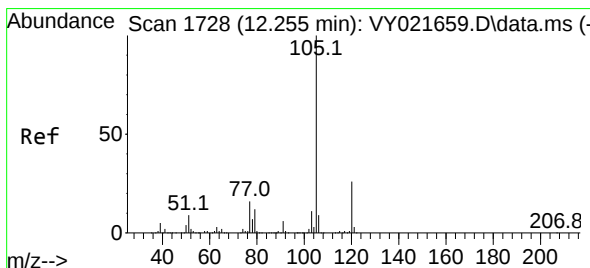
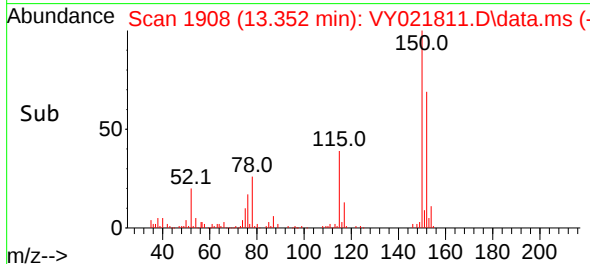
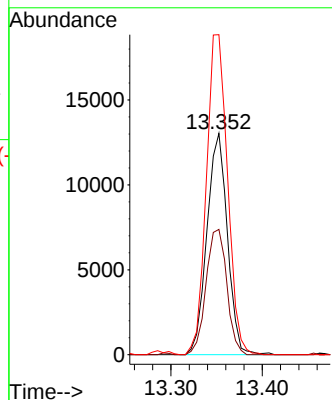
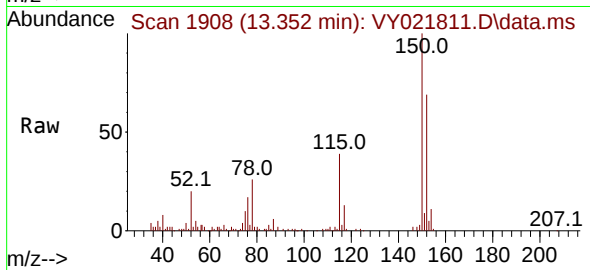




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY021811.D
Acq: 09 Apr 2025 12:06

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:152 Resp: 20305
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 149.1 0.0 348.4



#73
Isopropylbenzene
Concen: 10.875 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021811.D
Acq: 09 Apr 2025 12:06

Tgt Ion:105 Resp: 16401
Ion Ratio Lower Upper
105 100
120 27.5 13.2 39.5

