

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079687.D
 Acq On : 09 Aug 2024 12:14
 Operator : RP/MD
 Sample : VD0809SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 10 02:06:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

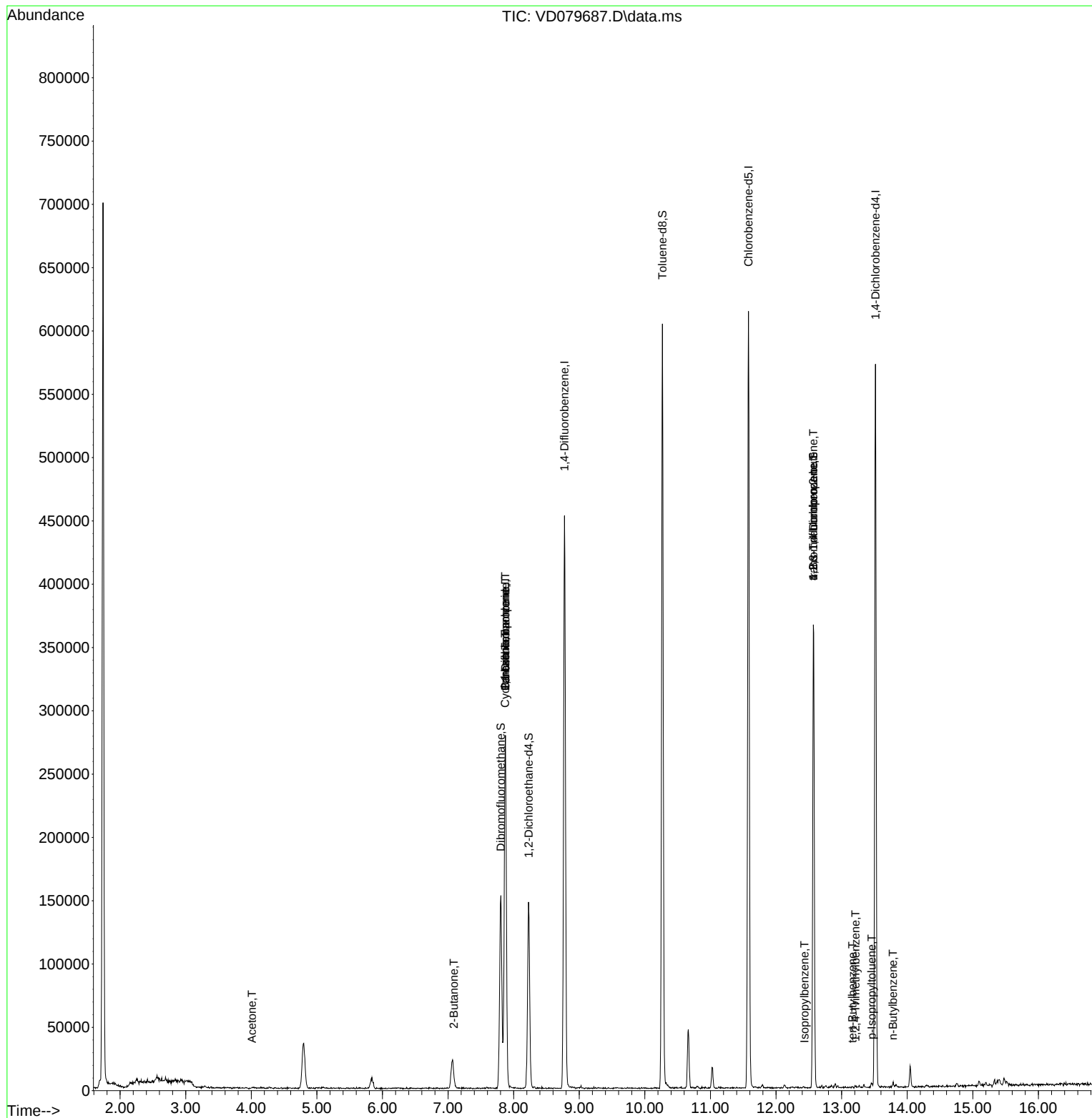
Internal Standards						
1) Pentafluorobenzene	7.875	168	208378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	399807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	355813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110510	52.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.400%	
35) Dibromofluoromethane	7.804	113	111298	41.129	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 82.260%	
50) Toluene-d8	10.269	98	414103	39.406	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 78.820%	
62) 4-Bromofluorobenzene	12.569	95	113207	37.227	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 74.460%	
Target Compounds						
						Qvalue
5) Bromomethane	2.693	94	1192	Below Cal		82
11) Tert butyl alcohol	5.063	59	273	Below Cal	#	86
16) Acetone	4.011	43	476	1.157	ug/l #	37
20) Methylene Chloride	4.799	84	28054	Below Cal	#	85
25) 2-Butanone	7.087	43	1155	1.980	ug/l #	42
31) Cyclohexane	7.869	56	4981	1.417	ug/l #	24
36) 1,1-Dichloropropene	7.875	75	17579	4.759	ug/l #	42
38) Carbon Tetrachloride	7.875	117	22962	5.914	ug/l #	18
73) Isopropylbenzene	12.434	105	877	3.699	ug/l	99
76) 1,2,3-Trichloropropane	12.569	75	57509	43.297	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	57509	82.580	ug/l #	19
83) tert-Butylbenzene	13.163	119	663	3.703	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.210	105	1150	3.541	ug/l	68
86) p-Isopropyltoluene	13.457	119	1011	3.974	ug/l	94
89) n-Butylbenzene	13.781	91	2035	3.973	ug/l	86

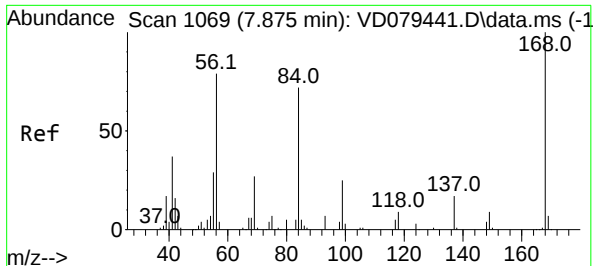
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
Data File : VD079687.D
Acq On : 09 Aug 2024 12:14
Operator : RP/MD
Sample : VD0809SBL01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

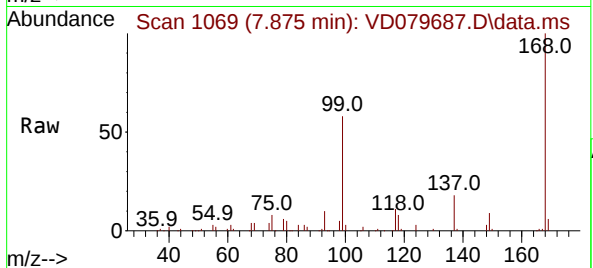
Quant Time: Aug 10 02:06:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



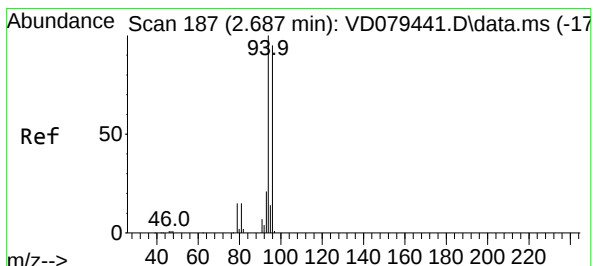
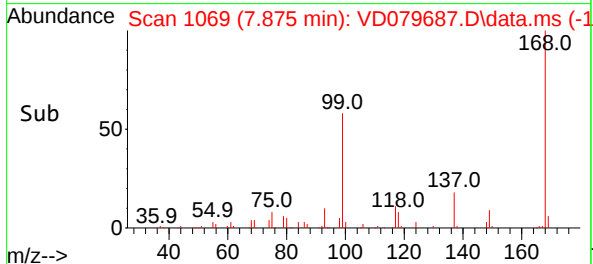
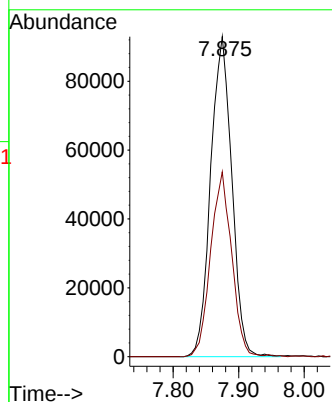


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079687.D
Acq: 09 Aug 2024 12:14

Instrument :
MSVOA_D
ClientSampleId :

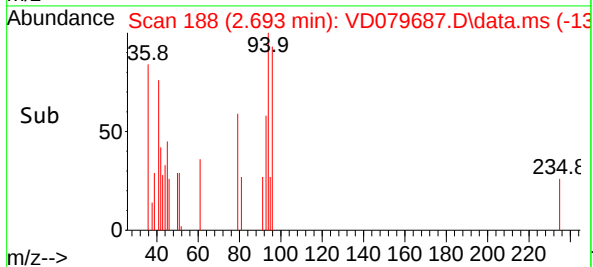
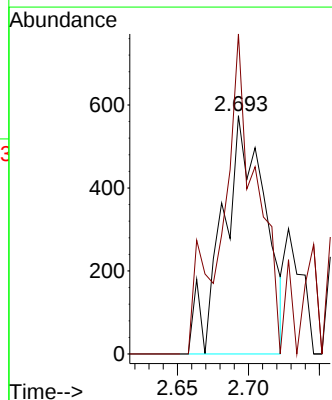
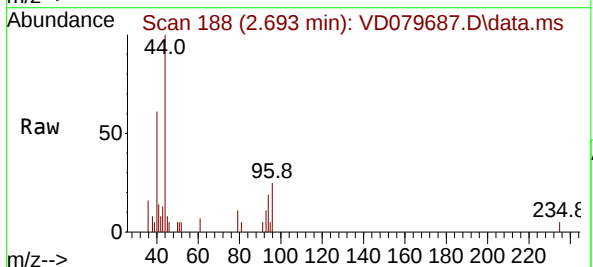


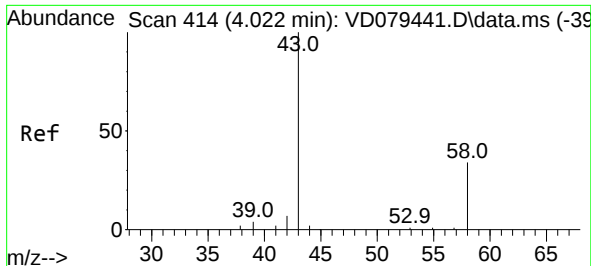
Tgt Ion:168 Resp: 208378
Ion Ratio Lower Upper
168 100
99 57.7 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079687.D
Acq: 09 Aug 2024 12:14

Tgt Ion: 94 Resp: 1192
Ion Ratio Lower Upper
94 100
96 114.0 76.9 115.3

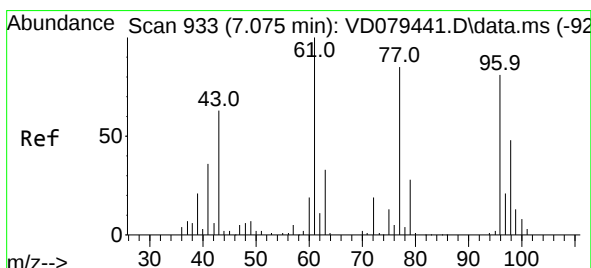
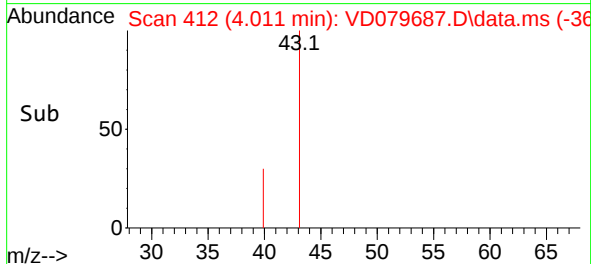
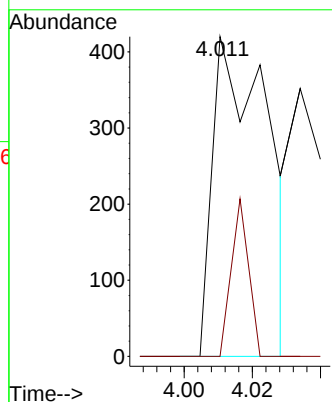
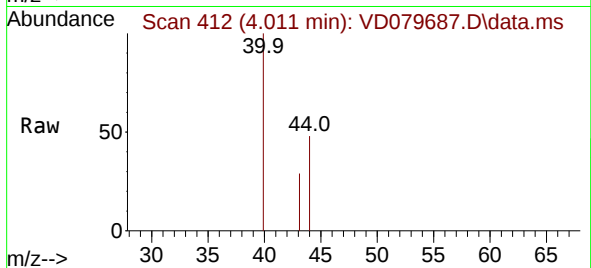




#16
Acetone
Concen: 1.157 ug/l
RT: 4.011 min Scan# 411
Delta R.T. -0.012 min
Lab File: VD079687.D
Acq: 09 Aug 2024 12:14

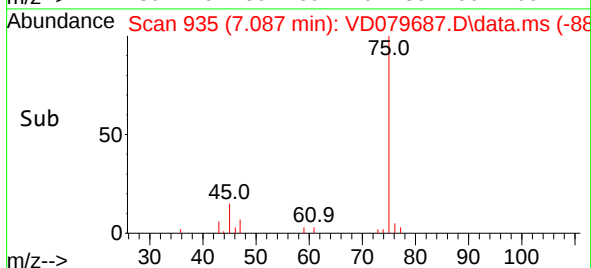
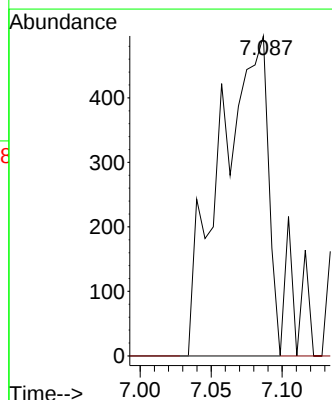
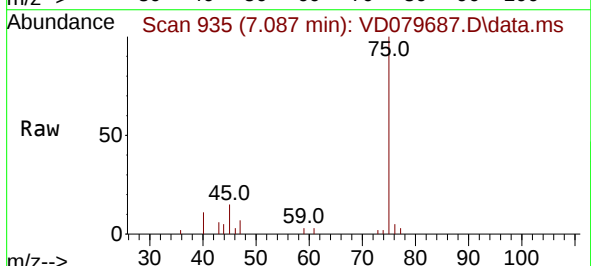
Instrument :
MSVOA_D
ClientSampleId :

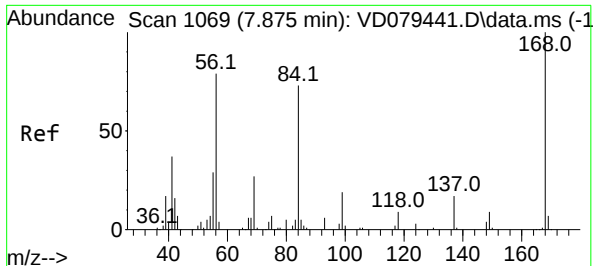
Tgt Ion: 43 Resp: 476
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#25
2-Butanone
Concen: 1.980 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.006 min
Lab File: VD079687.D
Acq: 09 Aug 2024 12:14

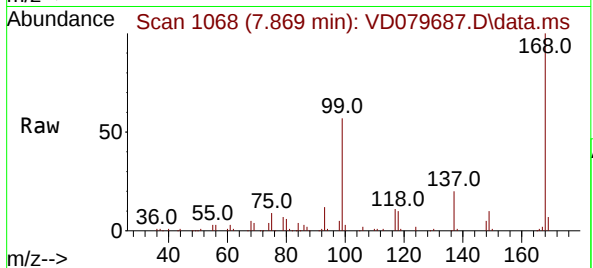
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



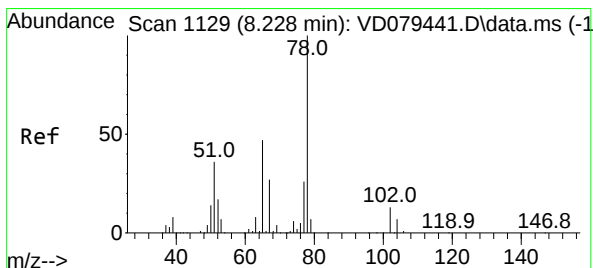
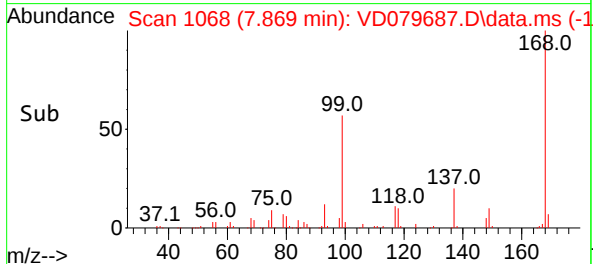
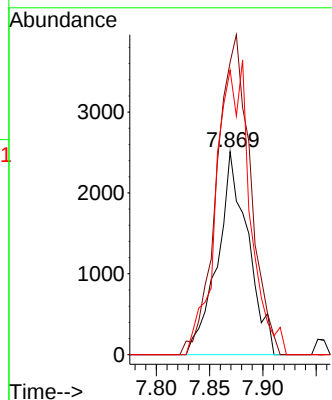


#31
Cyclohexane
Concen: 1.417 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD079687.D
Acq: 09 Aug 2024 12:14

Instrument :
MSVOA_D
ClientSampleId :

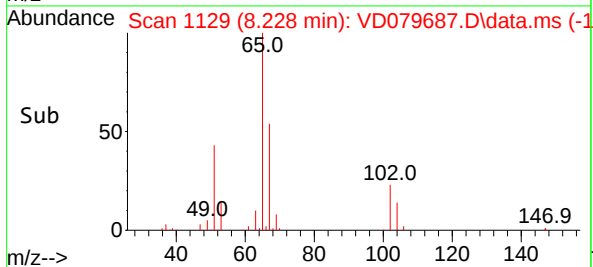
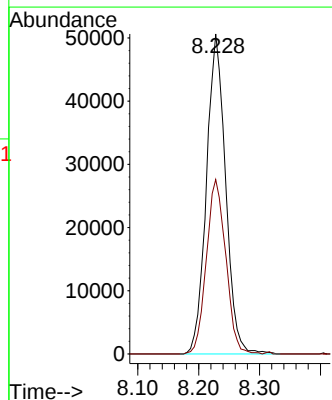
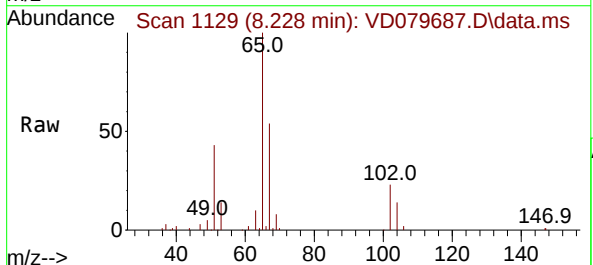


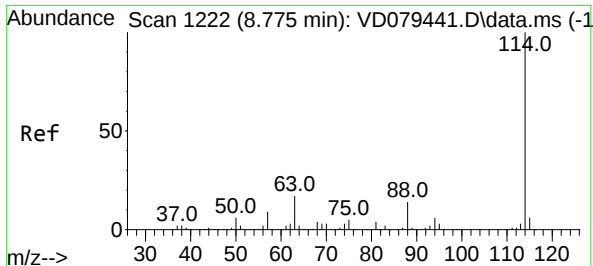
Tgt Ion: 56 Resp: 4981
Ion Ratio Lower Upper
56 100
69 144.1 28.0 42.0#
84 151.9 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 52.203 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079687.D
Acq: 09 Aug 2024 12:14

Tgt Ion: 65 Resp: 110510
Ion Ratio Lower Upper
65 100
67 55.1 0.0 111.0

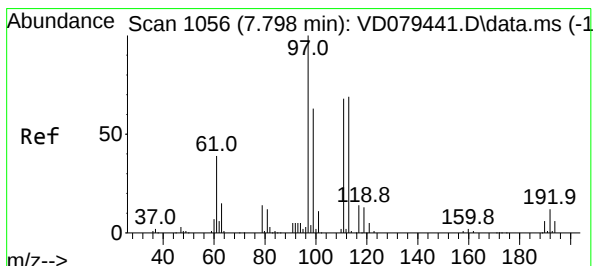
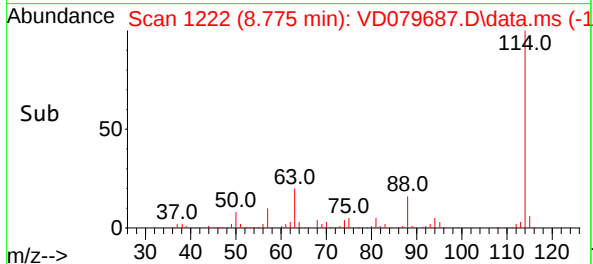
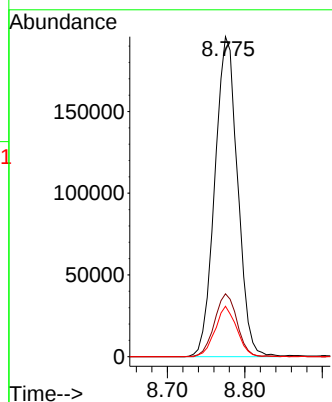
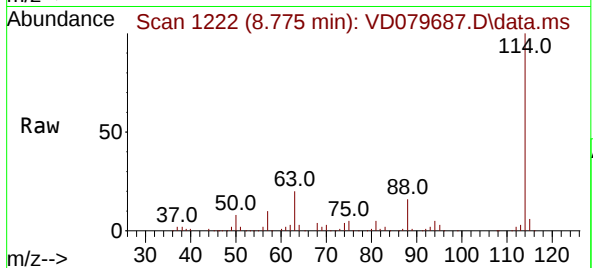




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079687.D
Acq: 09 Aug 2024 12:14

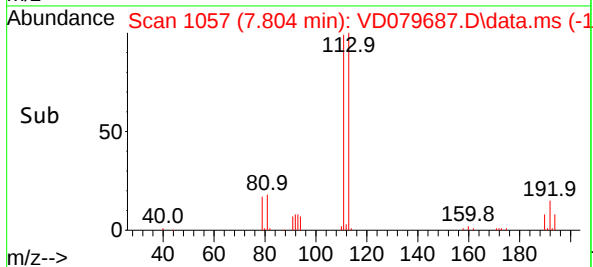
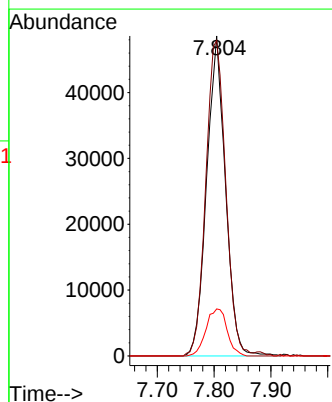
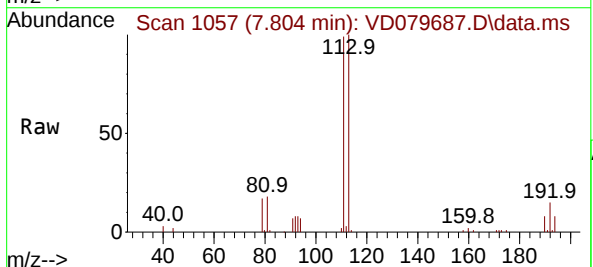
Instrument :
MSVOA_D
ClientSampleId :

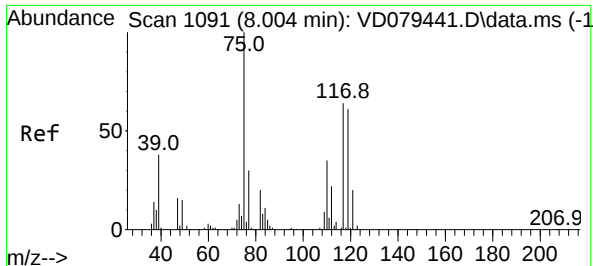
Tgt Ion:114 Resp: 399807
Ion Ratio Lower Upper
114 100
63 19.7 0.0 34.0
88 15.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 41.129 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079687.D
Acq: 09 Aug 2024 12:14

Tgt Ion:113 Resp: 111298
Ion Ratio Lower Upper
113 100
111 104.5 84.0 126.0
192 16.5 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.759 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

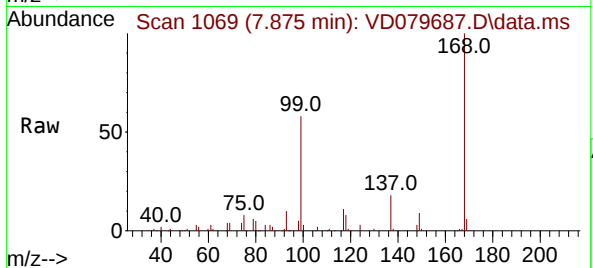
Lab File: VD079687.D

Acq: 09 Aug 2024 12:14

Instrument :

MSVOA_D

ClientSampleId :



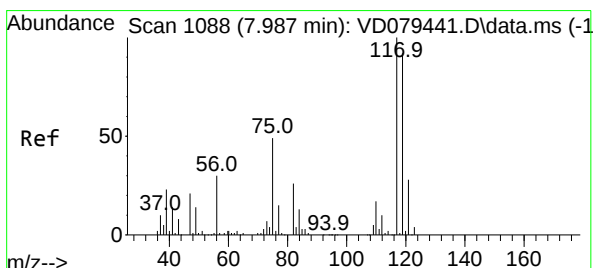
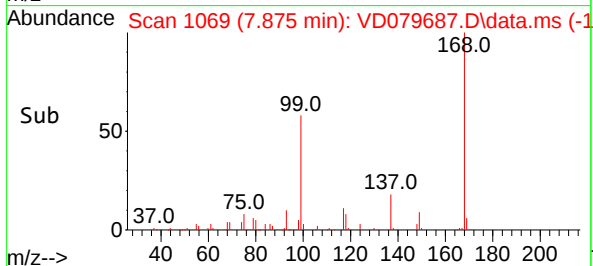
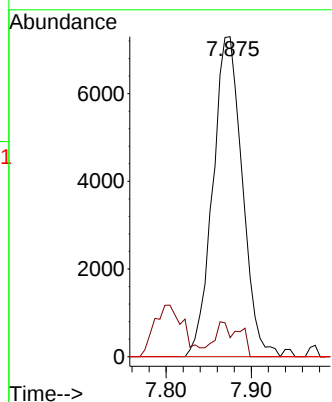
Tgt Ion: 75 Resp: 17579

Ion Ratio Lower Upper

75 100

110 3.4 19.6 58.7#

77 0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.914 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD079687.D

Acq: 09 Aug 2024 12:14

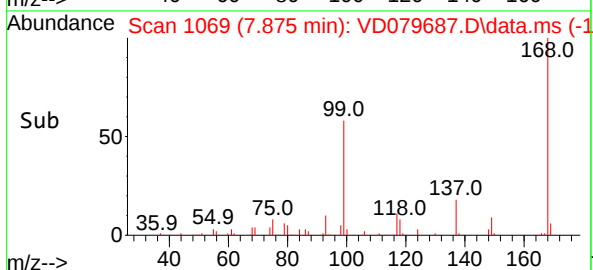
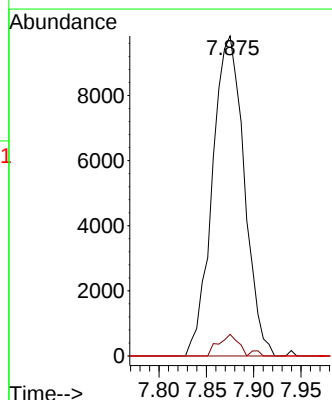
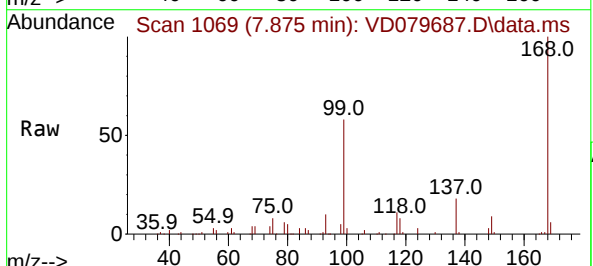
Tgt Ion: 117 Resp: 22962

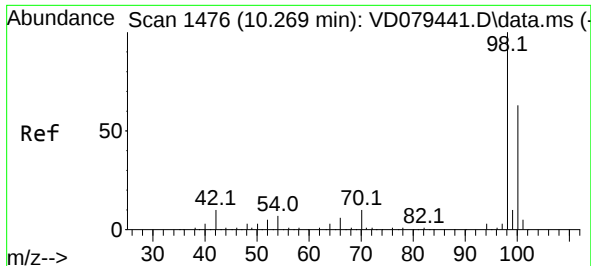
Ion Ratio Lower Upper

117 100

119 6.8 75.4 113.0#

121 0.0 25.0 37.4#

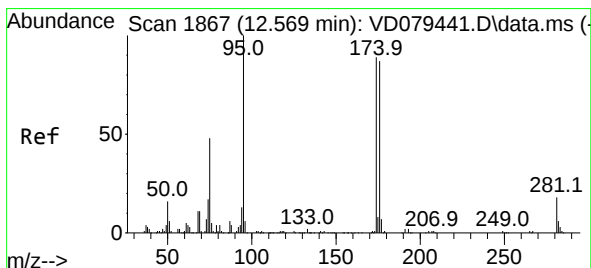
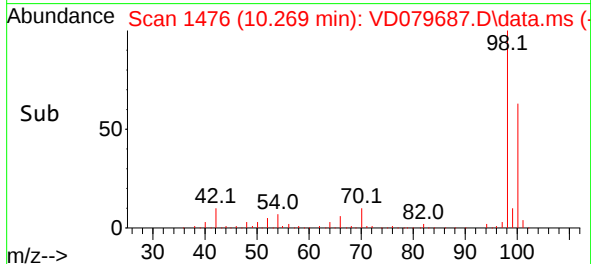
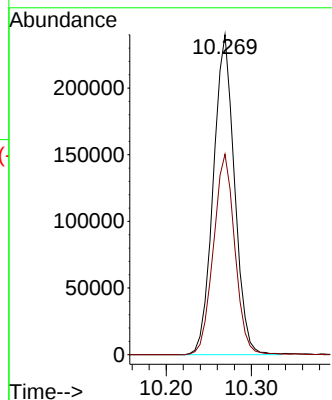
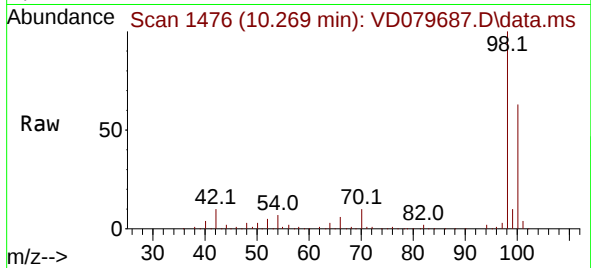




#50
Toluene-d8
Concen: 39.406 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079687.D
Acq: 09 Aug 2024 12:14

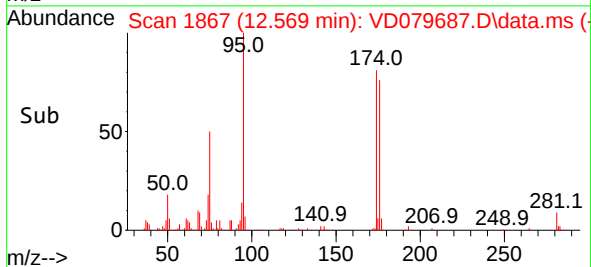
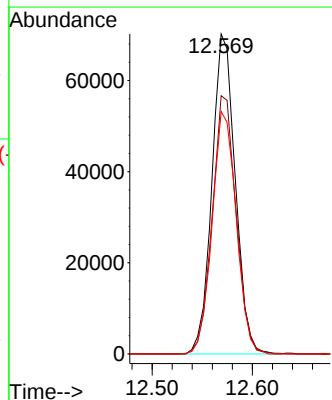
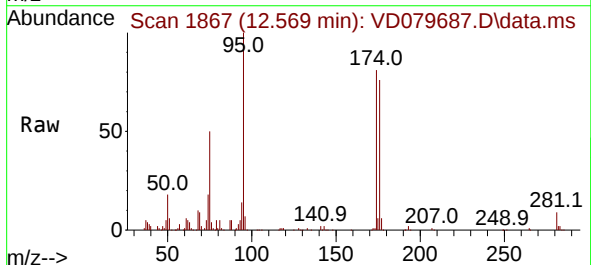
Instrument :
MSVOA_D
ClientSampleId :

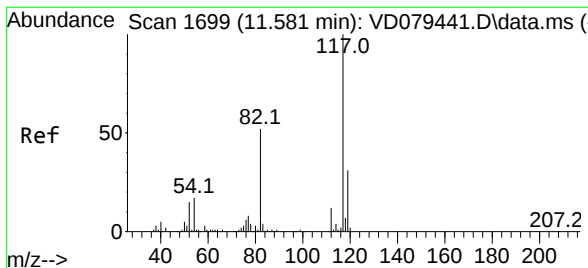
Tgt Ion: 98 Resp: 414103
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 37.227 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079687.D
Acq: 09 Aug 2024 12:14

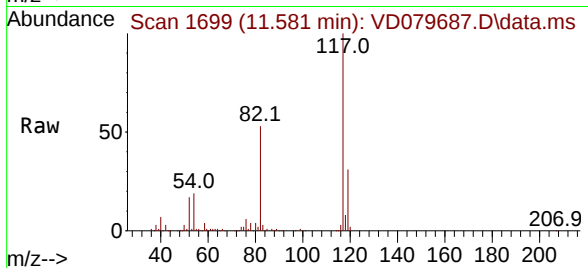
Tgt Ion: 95 Resp: 113207
Ion Ratio Lower Upper
95 100
174 83.0 0.0 195.4
176 78.3 0.0 192.6



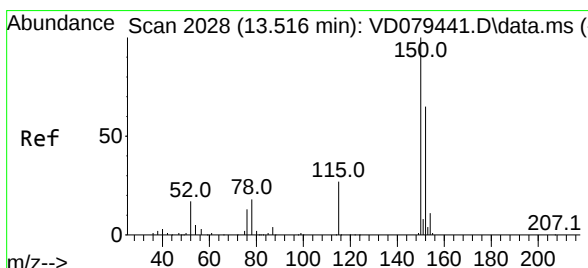
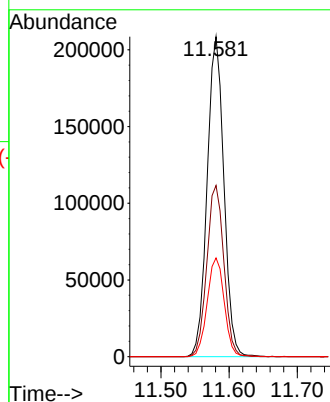
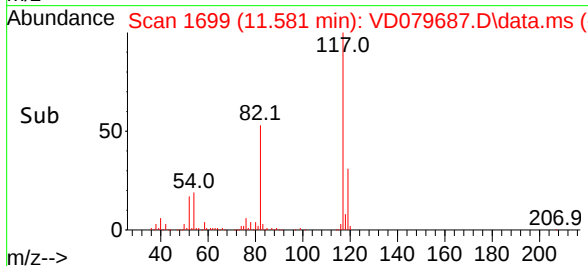


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079687.D
Acq: 09 Aug 2024 12:14

Instrument :
MSVOA_D
ClientSampleId :

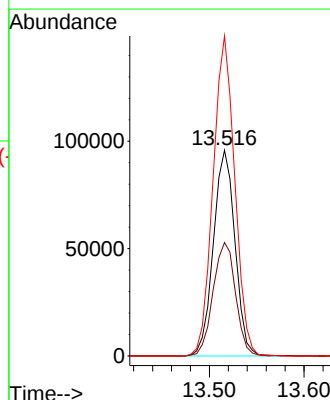
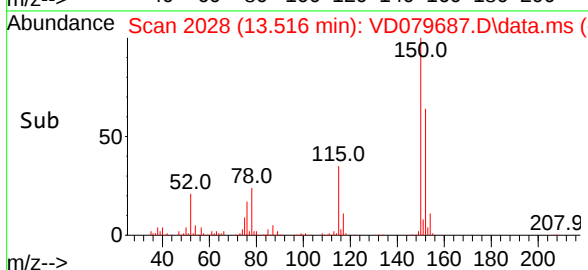
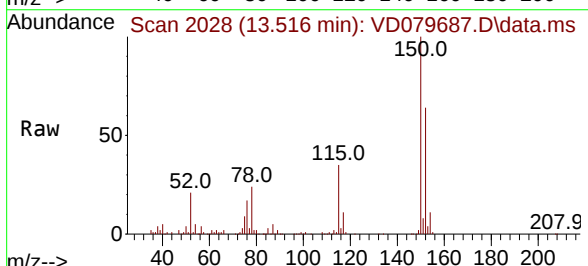


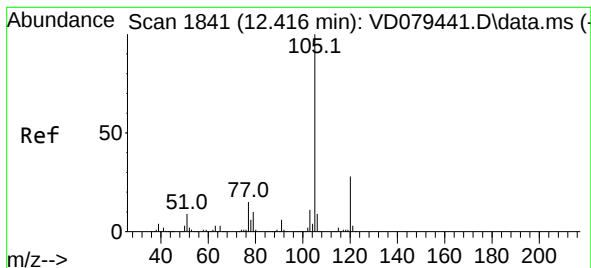
Tgt Ion:117 Resp: 355813
Ion Ratio Lower Upper
117 100
82 53.5 39.8 59.6
119 30.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079687.D
Acq: 09 Aug 2024 12:14

Tgt Ion:152 Resp: 151955
Ion Ratio Lower Upper
152 100
115 57.3 26.5 79.5
150 156.1 0.0 341.6





#73

Isopropylbenzene

Concen: 3.699 ug/l

RT: 12.434 min Scan# 1844

Delta R.T. 0.018 min

Lab File: VD079687.D

Acq: 09 Aug 2024 12:14

Instrument :

MSVOA_D

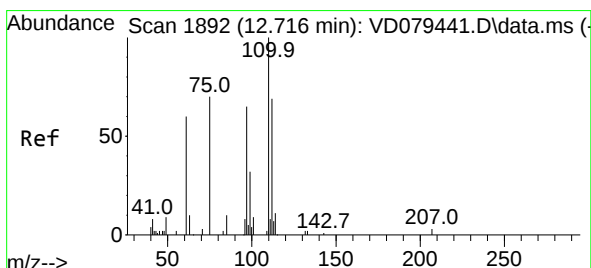
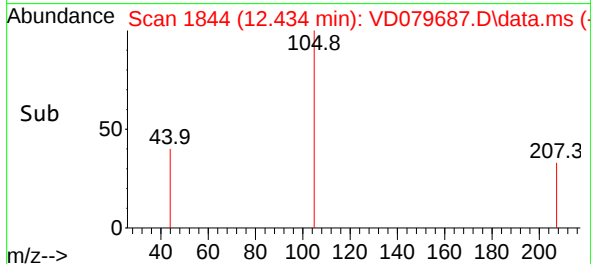
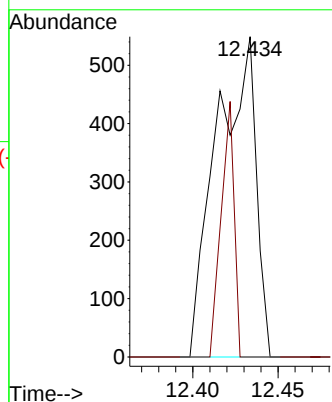
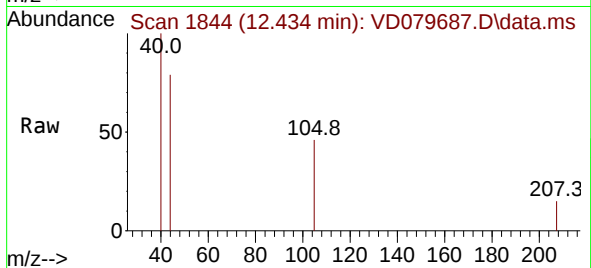
ClientSampleId :

Tgt Ion:105 Resp: 877

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.7



#76

1,2,3-Trichloropropane

Concen: 43.297 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079687.D

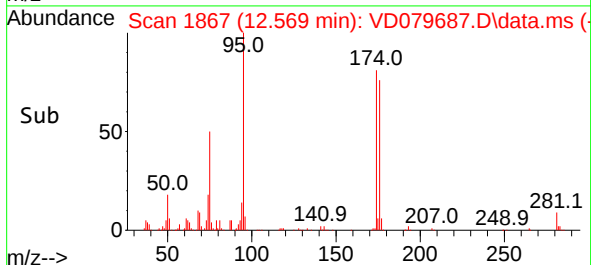
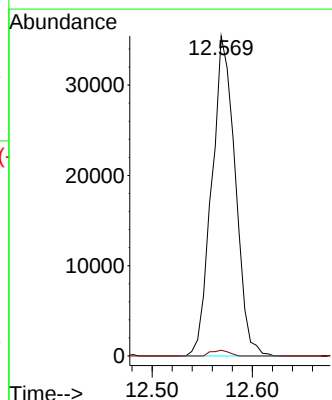
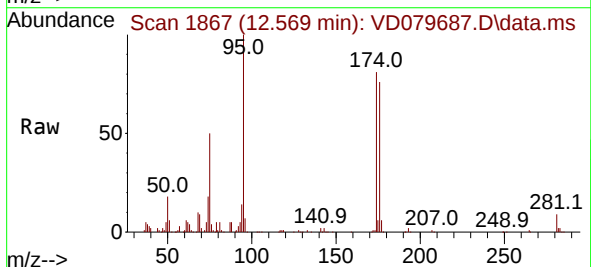
Acq: 09 Aug 2024 12:14

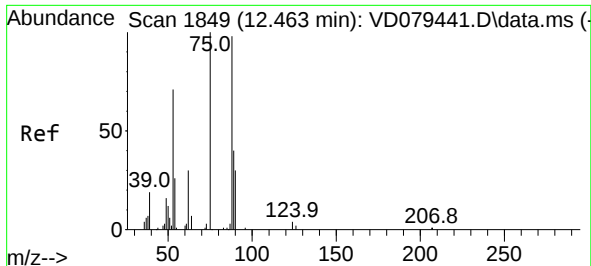
Tgt Ion: 75 Resp: 57509

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

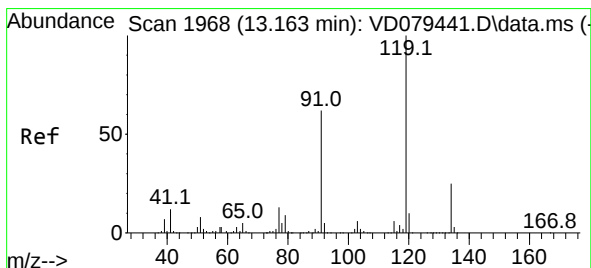
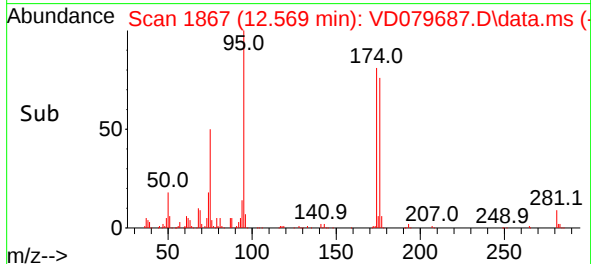
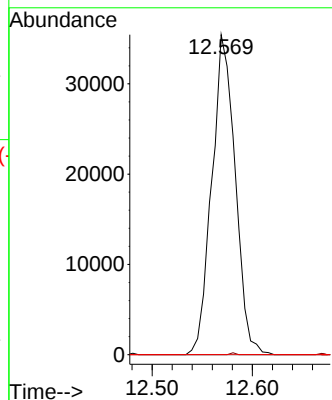
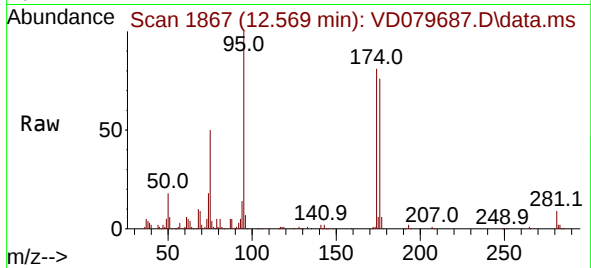




#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.580 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.100 min
 Lab File: VD079687.D
 Acq: 09 Aug 2024 12:14

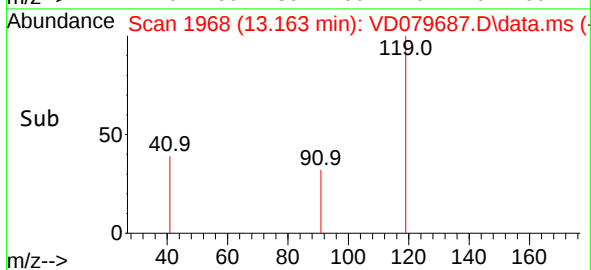
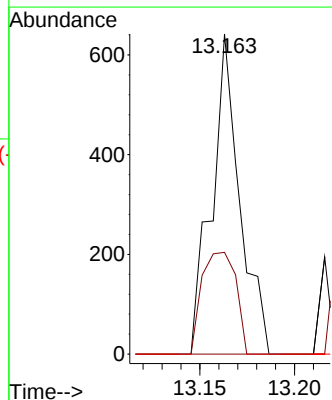
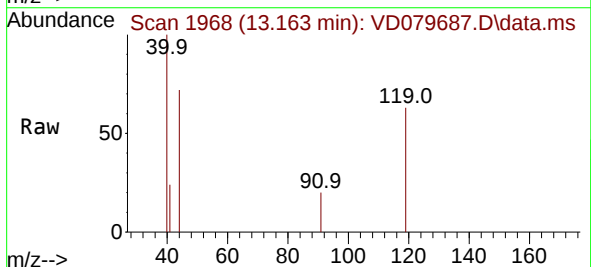
Instrument :
 MSVOA_D
 ClientSampleId :

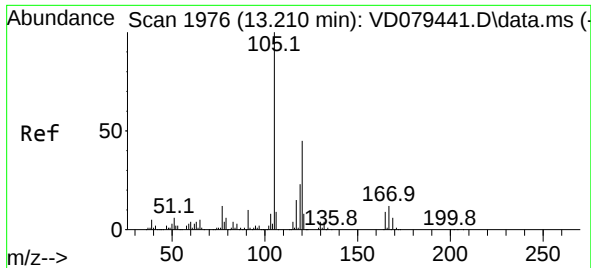
Tgt Ion: 75 Resp: 57509
 Ion Ratio Lower Upper
 75 100
 53 0.1 61.4 92.2#
 89 0.0 35.4 53.0#



#83
 tert-Butylbenzene
 Concen: 3.703 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. -0.000 min
 Lab File: VD079687.D
 Acq: 09 Aug 2024 12:14

Tgt Ion: 119 Resp: 663
 Ion Ratio Lower Upper
 119 100
 91 38.5 28.2 84.7
 134 0.0 13.4 40.1#

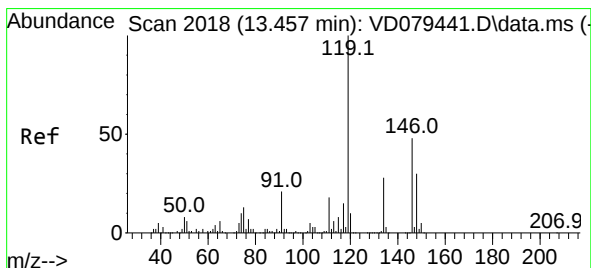
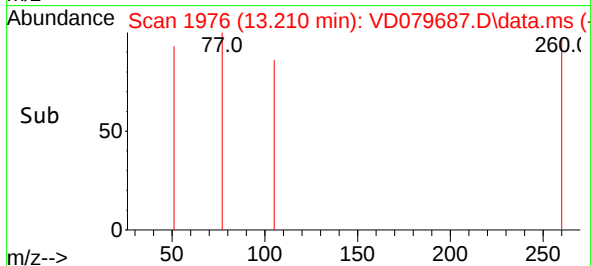
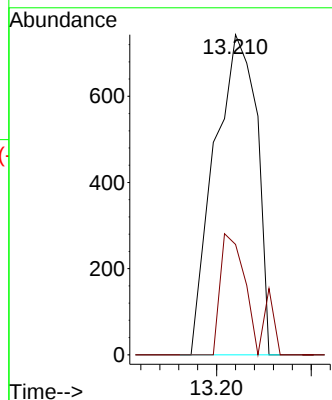
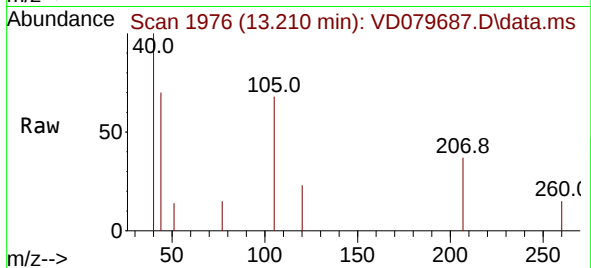




#84
1,2,4-Trimethylbenzene
Concen: 3.541 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079687.D
Acq: 09 Aug 2024 12:14

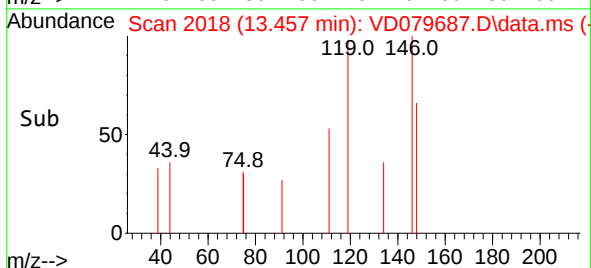
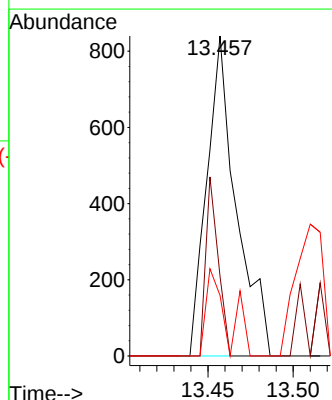
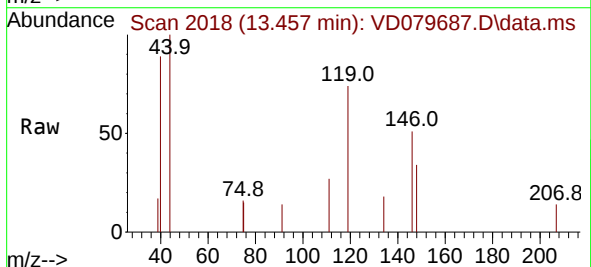
Instrument :
MSVOA_D
ClientSampleId :

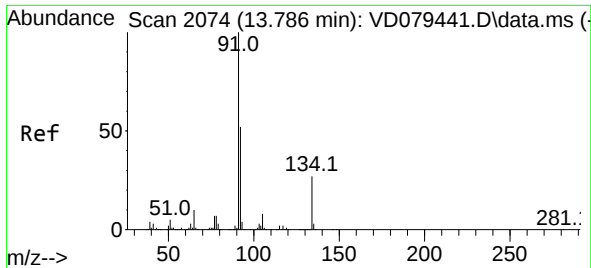
Tgt Ion:105 Resp: 1150
Ion Ratio Lower Upper
105 100
120 26.2 23.6 71.0



#86
p-Isopropyltoluene
Concen: 3.974 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079687.D
Acq: 09 Aug 2024 12:14

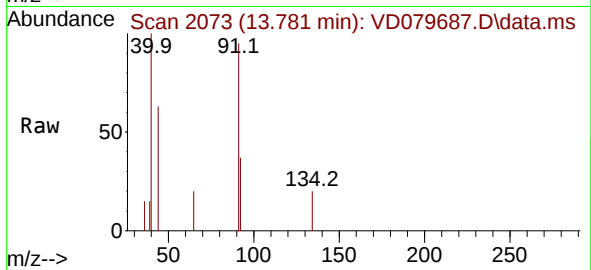
Tgt Ion:119 Resp: 1011
Ion Ratio Lower Upper
119 100
134 23.7 13.7 41.1
91 19.5 10.7 32.1





#89
 n-Butylbenzene
 Concen: 3.973 ug/l
 RT: 13.781 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VD079687.D
 Acq: 09 Aug 2024 12:14

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	91	Resp:	2035
Ion	Ratio	Lower	Upper
91	100		
92	44.2	25.7	77.0
134	15.8	13.6	40.8

