

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079672.D
 Acq On : 08 Aug 2024 17:35
 Operator : RP/MD
 Sample : P3393-07
 Misc : 8.77G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 09 01:10:16 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)

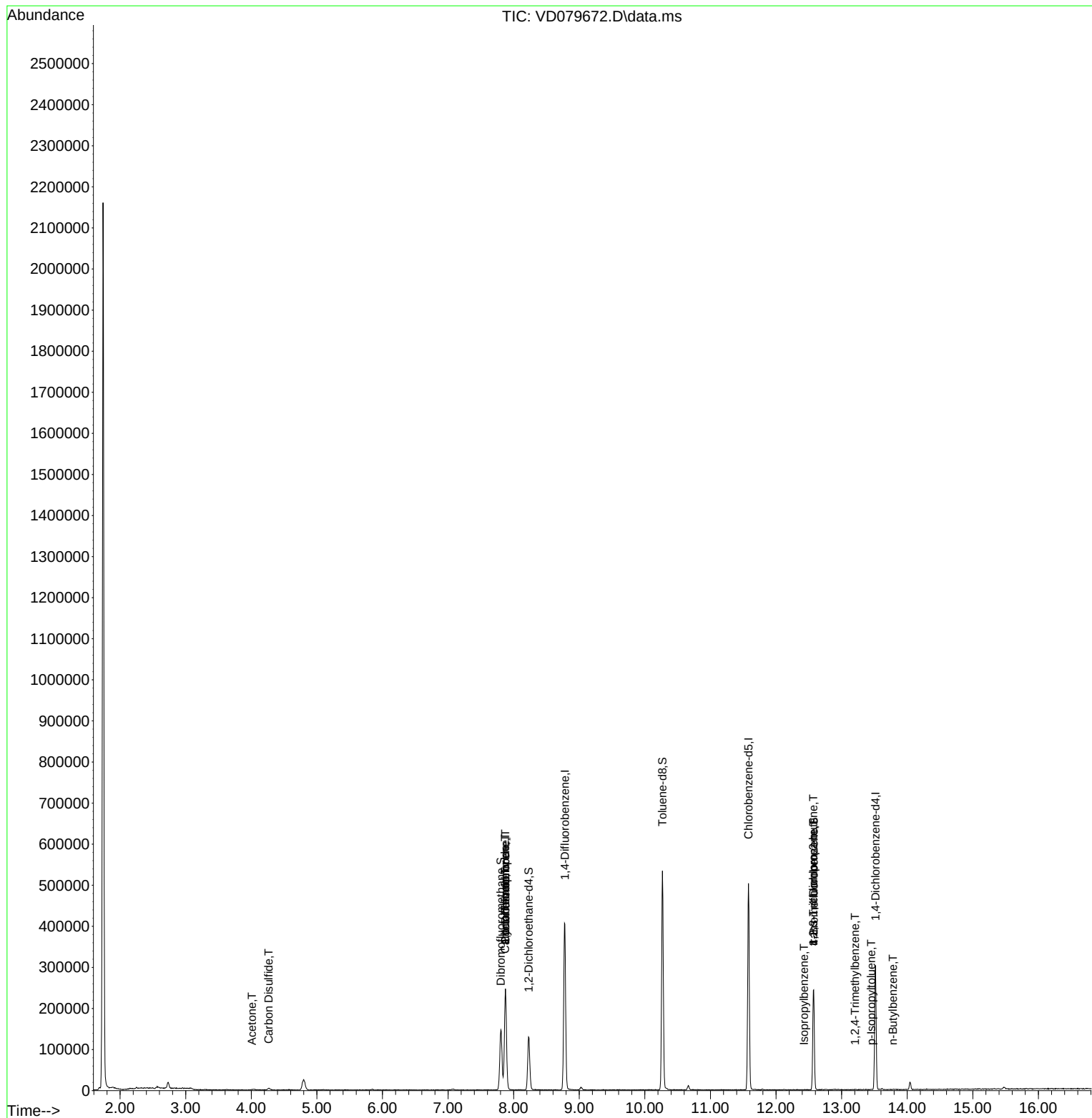
Internal Standards						
1) Pentafluorobenzene	7.875	168	185356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	369949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	289194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	81607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	98504	52.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.620%	
35) Dibromofluoromethane	7.804	113	108423	43.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.600%	
50) Toluene-d8	10.269	98	375895	38.657	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 77.320%	
62) 4-Bromofluorobenzene	12.575	95	77182	27.429	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 54.860%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.693	94	772	Below Cal		91
11) Tert butyl alcohol	5.028	59	129	Below Cal	#	86
16) Acetone	4.010	43	1323	3.615	ug/l #	76
17) Carbon Disulfide	4.263	76	7854	1.188	ug/l #	87
20) Methylene Chloride	4.799	84	19693	Below Cal	#	79
31) Cyclohexane	7.875	56	4351	1.391	ug/l #	47
36) 1,1-Dichloropropene	7.875	75	15079	4.412	ug/l #	47
38) Carbon Tetrachloride	7.869	117	18762	5.222	ug/l #	16
73) Isopropylbenzene	12.428	105	75	3.639	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	39157	54.894	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	39157	104.697	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.204	105	724	3.560	ug/l	70
86) p-Isopropyltoluene	13.451	119	382	3.948	ug/l #	51
89) n-Butylbenzene	13.781	91	386	3.850	ug/l #	76

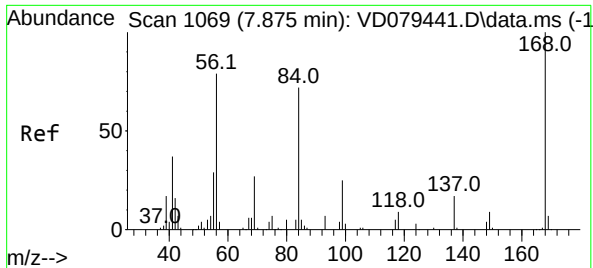
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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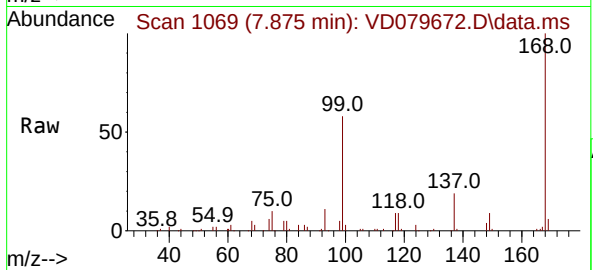
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



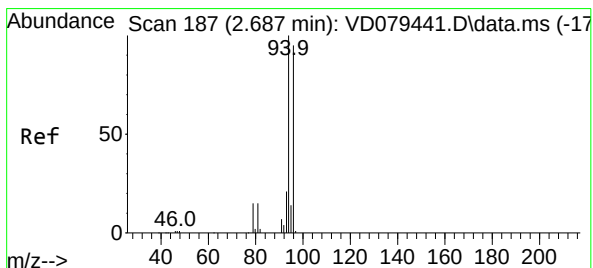
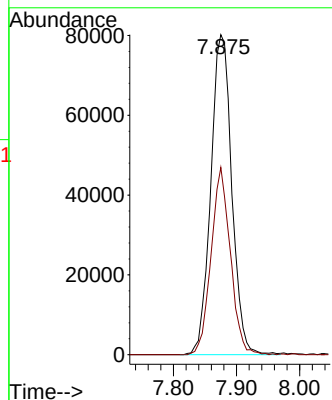
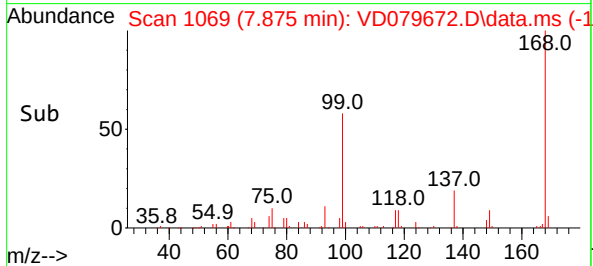


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079672.D
Acq: 08 Aug 2024 17:35

Instrument :
MSVOA_D
ClientSampleId :

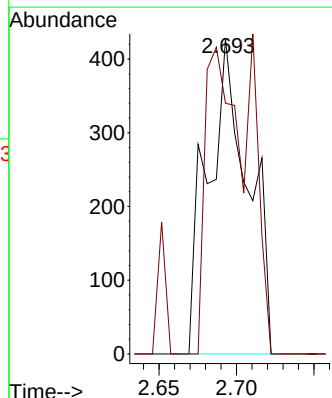
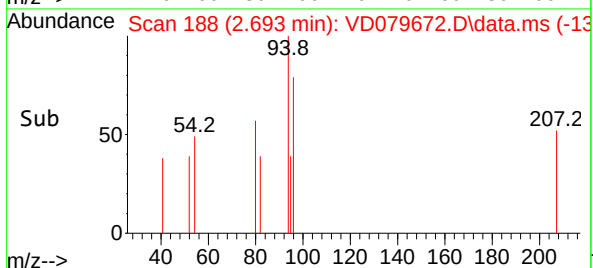
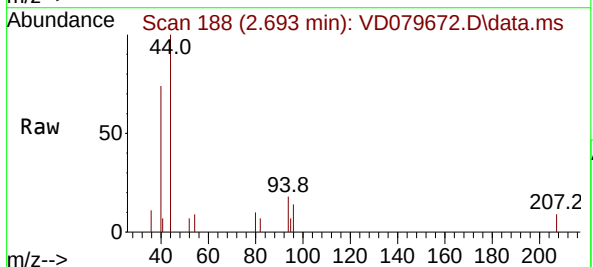


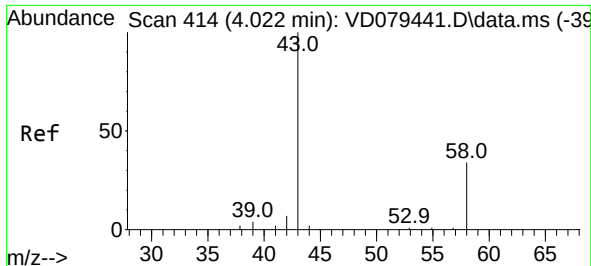
Tgt Ion:168 Resp: 185356
Ion Ratio Lower Upper
168 100
99 58.5 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079672.D
Acq: 08 Aug 2024 17:35

Tgt Ion: 94 Resp: 772
Ion Ratio Lower Upper
94 100
96 104.7 76.9 115.3





#16

Acetone

Concen: 3.615 ug/l

RT: 4.010 min Scan# 41

Delta R.T. -0.012 min

Lab File: VD079672.D

Acq: 08 Aug 2024 17:35

Instrument :

MSVOA_D

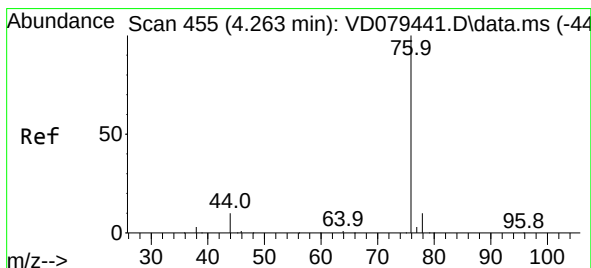
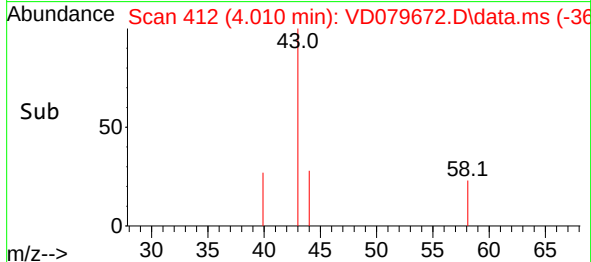
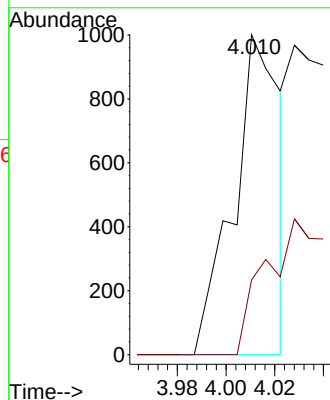
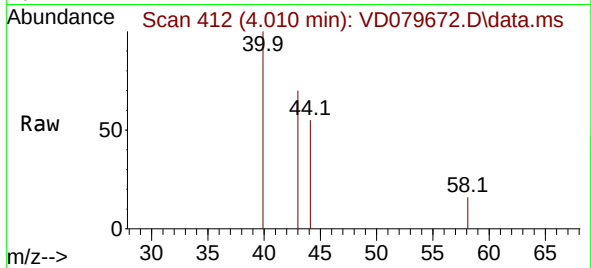
ClientSampleId :

Tgt Ion: 43 Resp: 1323

Ion Ratio Lower Upper

43 100

58 23.4 30.4 45.6#



#17

Carbon Disulfide

Concen: 1.188 ug/l

RT: 4.263 min Scan# 455

Delta R.T. -0.000 min

Lab File: VD079672.D

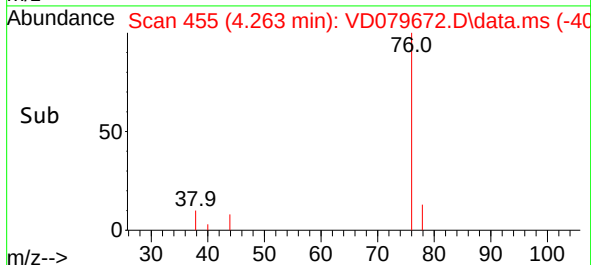
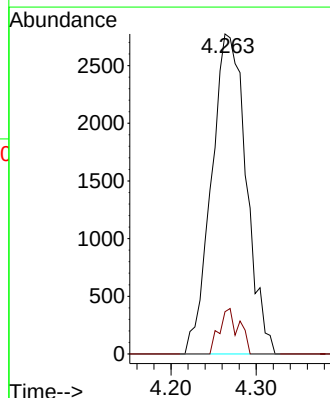
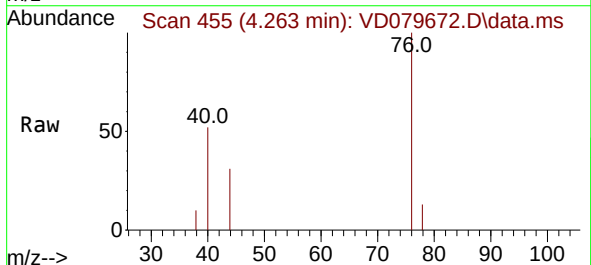
Acq: 08 Aug 2024 17:35

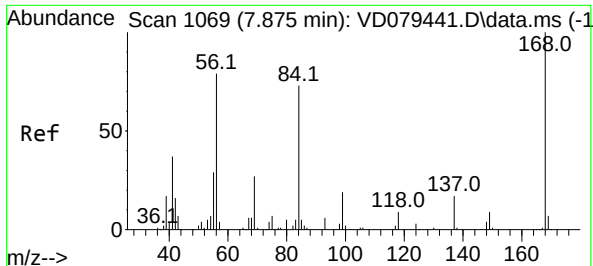
Tgt Ion: 76 Resp: 7854

Ion Ratio Lower Upper

76 100

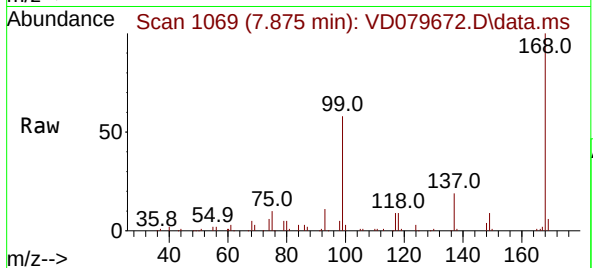
78 13.2 6.9 10.3#



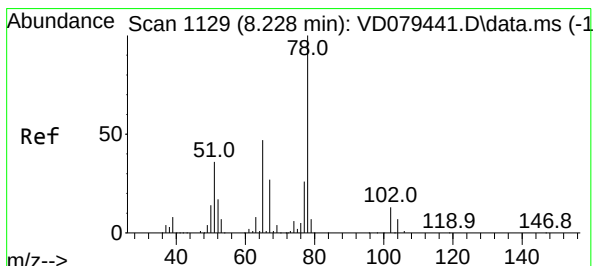
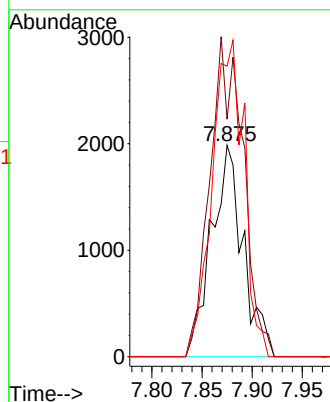
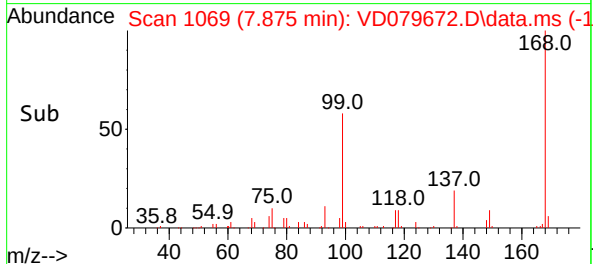


#31
Cyclohexane
Concen: 1.391 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079672.D
Acq: 08 Aug 2024 17:35

Instrument :
MSVOA_D
ClientSampleId :

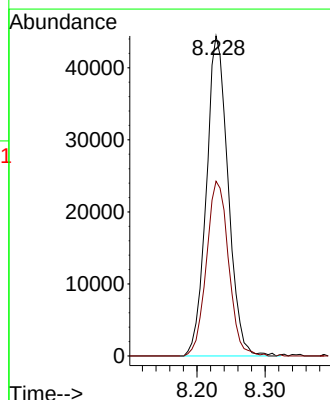
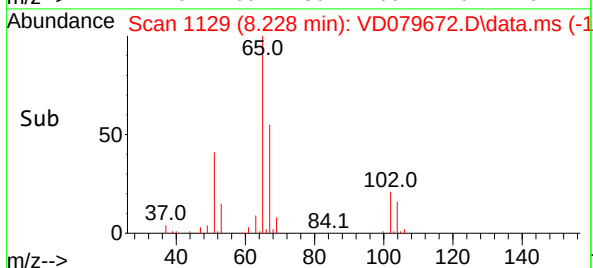
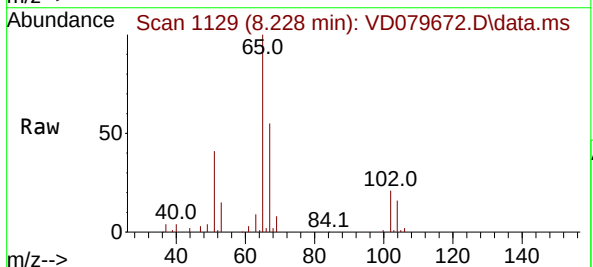


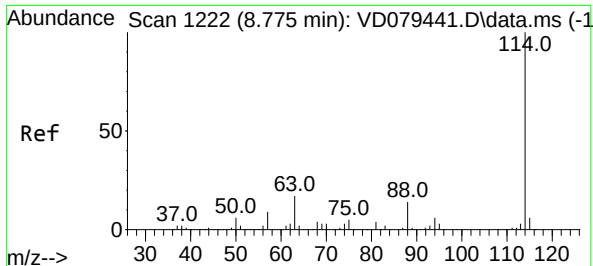
Tgt Ion: 56 Resp: 4351
Ion Ratio Lower Upper
56 100
69 112.3 28.0 42.0#
84 137.5 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 52.311 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079672.D
Acq: 08 Aug 2024 17:35

Tgt Ion: 65 Resp: 98504
Ion Ratio Lower Upper
65 100
67 55.6 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079672.D

Acq: 08 Aug 2024 17:35

Instrument :

MSVOA_D

ClientSampleId :

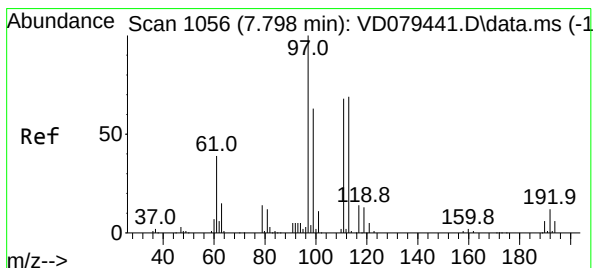
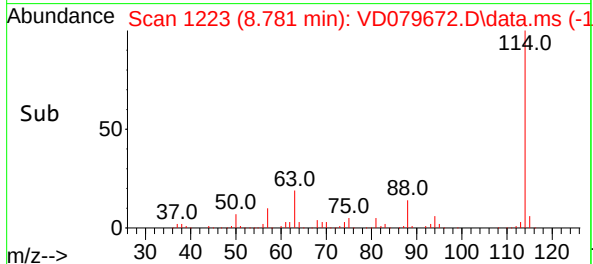
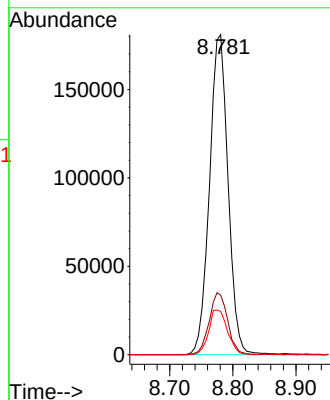
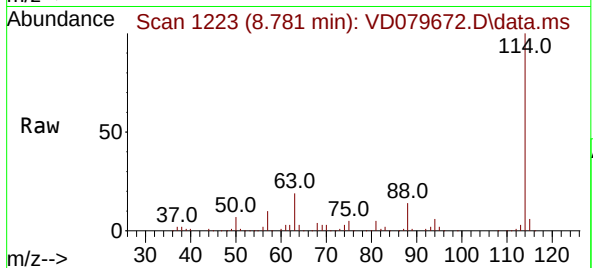
Tgt Ion:114 Resp: 369949

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 43.300 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079672.D

Acq: 08 Aug 2024 17:35

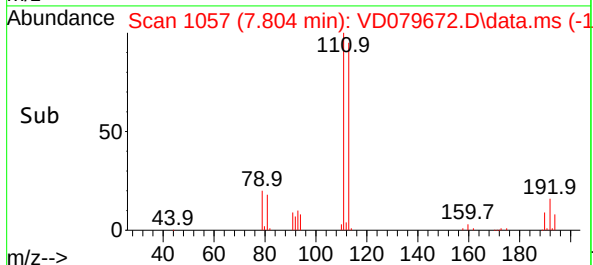
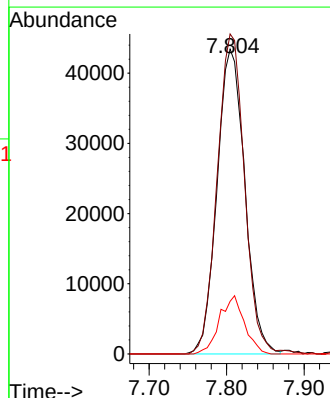
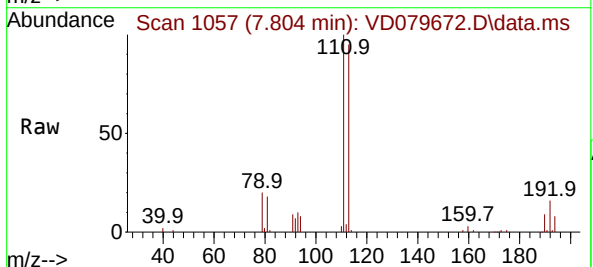
Tgt Ion:113 Resp: 108423

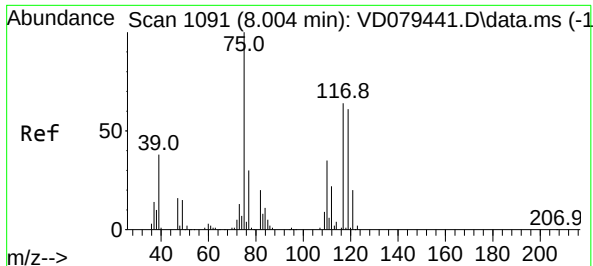
Ion Ratio Lower Upper

113 100

111 103.0 84.0 126.0

192 17.1 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.412 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

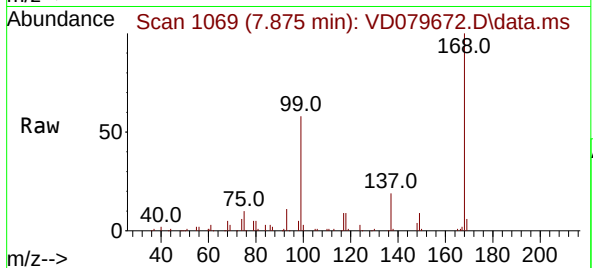
Lab File: VD079672.D

Acq: 08 Aug 2024 17:35

Instrument :

MSVOA_D

ClientSampleId :



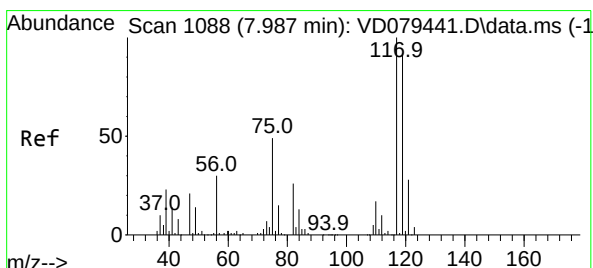
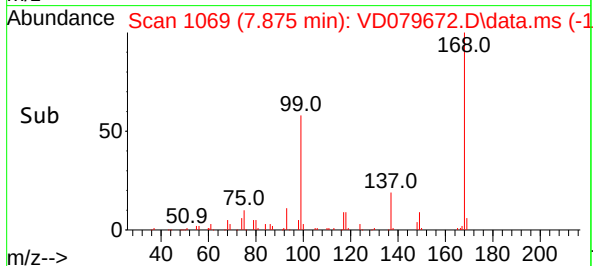
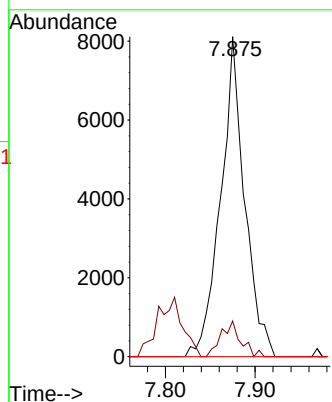
Tgt Ion: 75 Resp: 15079

Ion Ratio Lower Upper

75 100

110 9.2 19.6 58.7#

77 0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.222 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.118 min

Lab File: VD079672.D

Acq: 08 Aug 2024 17:35

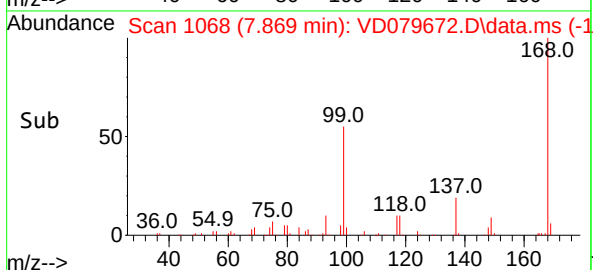
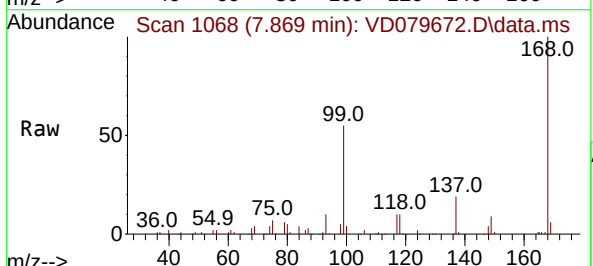
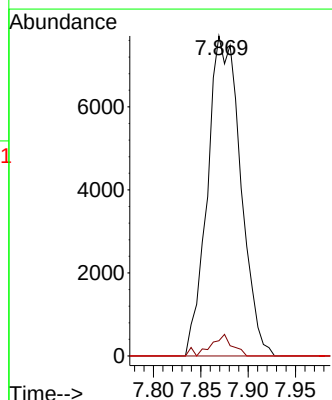
Tgt Ion: 117 Resp: 18762

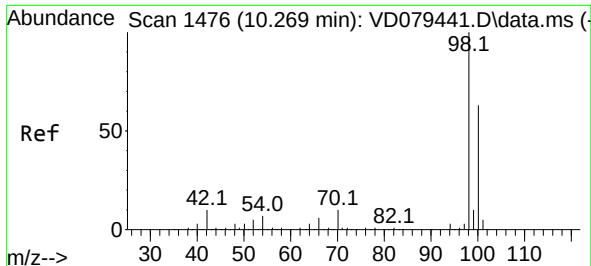
Ion Ratio Lower Upper

117 100

119 4.8 75.4 113.0#

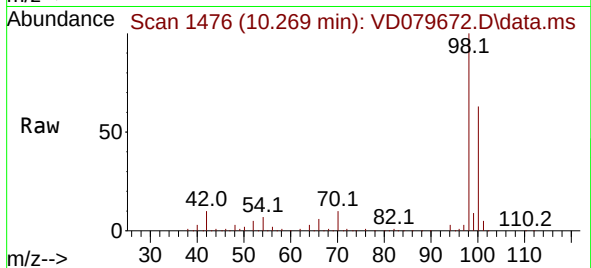
121 0.0 25.0 37.4#



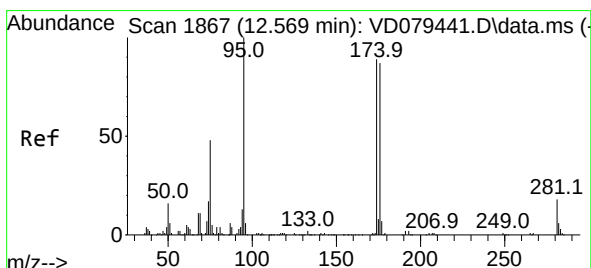
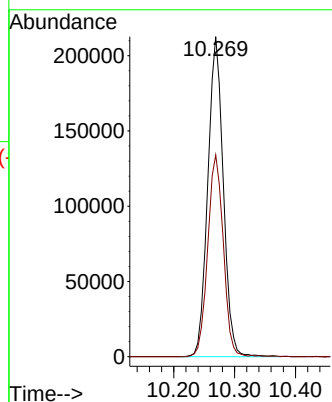
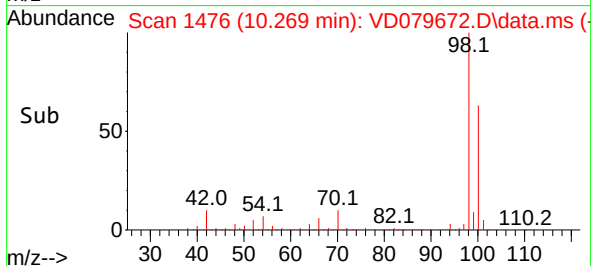


#50
Toluene-d8
Concen: 38.657 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079672.D
Acq: 08 Aug 2024 17:35

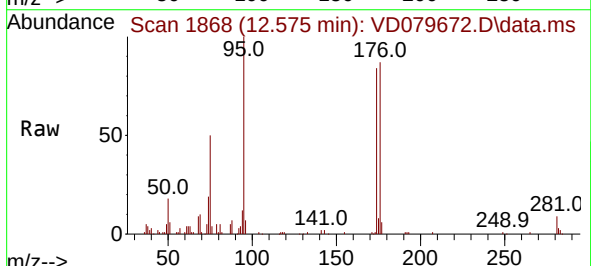
Instrument :
MSVOA_D
ClientSampleId :



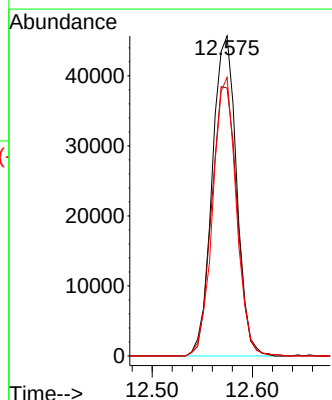
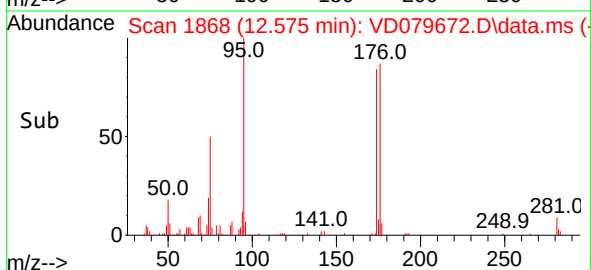
Tgt Ion: 98 Resp: 375895
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

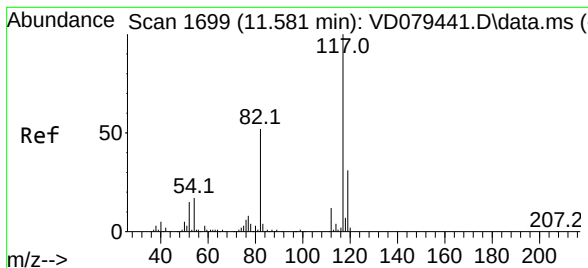


#62
4-Bromofluorobenzene
Concen: 27.429 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079672.D
Acq: 08 Aug 2024 17:35



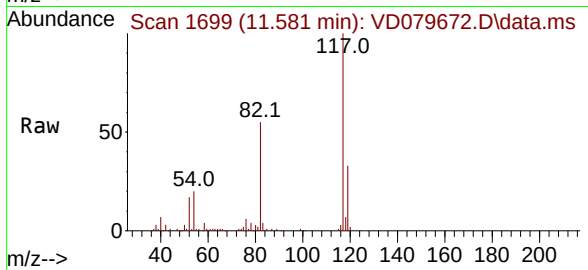
Tgt Ion: 95 Resp: 77182
Ion Ratio Lower Upper
95 100
174 87.0 0.0 195.4
176 84.3 0.0 192.6



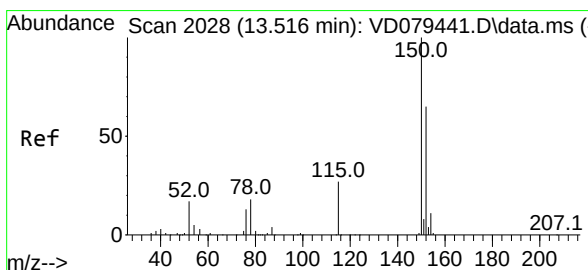
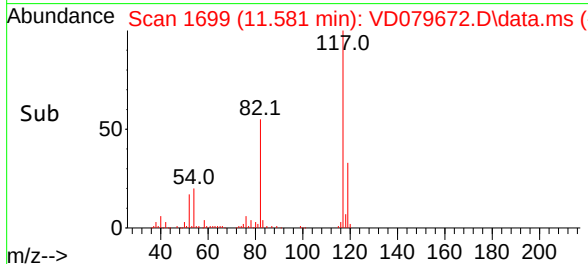
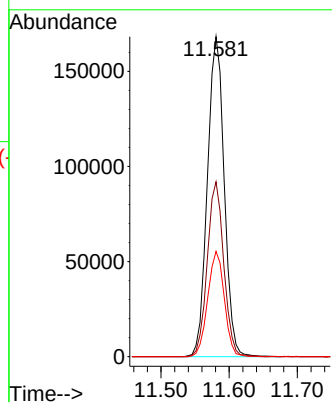


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079672.D
Acq: 08 Aug 2024 17:35

Instrument :
MSVOA_D
ClientSampleId :

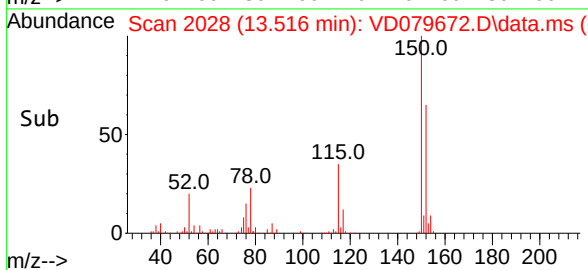
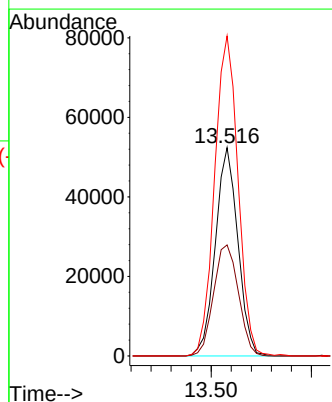
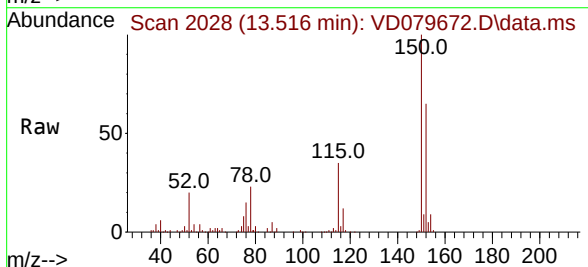


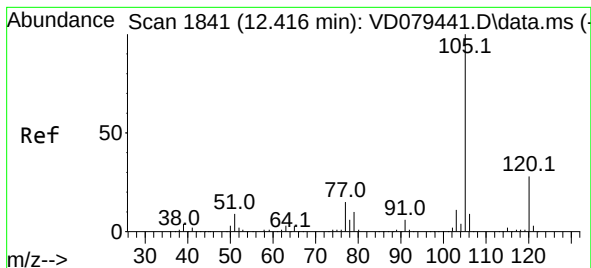
Tgt Ion:117 Resp: 289194
Ion Ratio Lower Upper
117 100
82 54.6 39.8 59.6
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079672.D
Acq: 08 Aug 2024 17:35

Tgt Ion:152 Resp: 81607
Ion Ratio Lower Upper
152 100
115 58.8 26.5 79.5
150 159.7 0.0 341.6





#73

Isopropylbenzene

Concen: 3.639 ug/l

RT: 12.428 min Scan# 1843

Delta R.T. 0.012 min

Lab File: VD079672.D

Acq: 08 Aug 2024 17:35

Instrument :

MSVOA_D

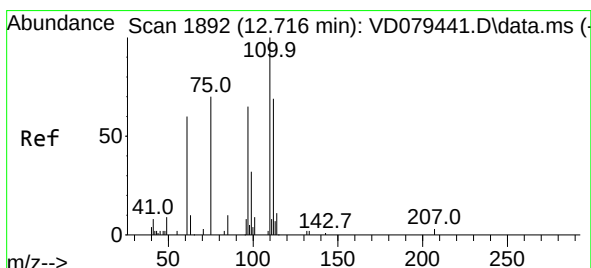
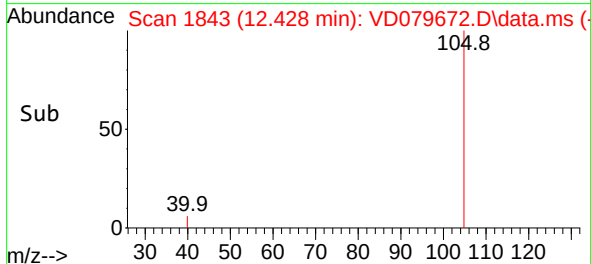
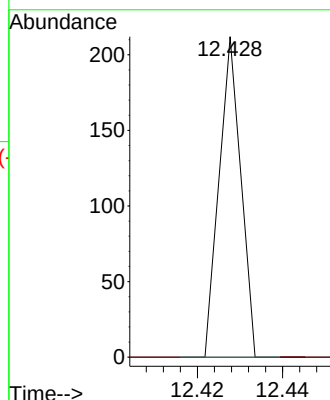
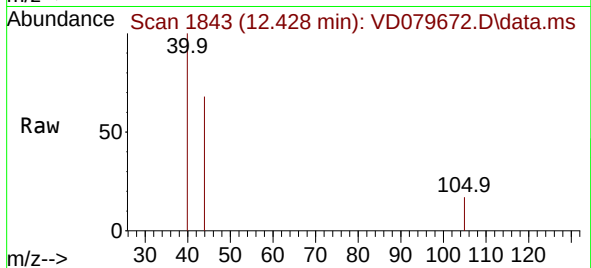
ClientSampleId :

Tgt Ion:105 Resp: 75

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



#76

1,2,3-Trichloropropane

Concen: 54.894 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079672.D

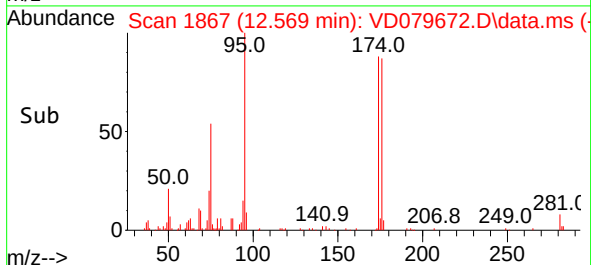
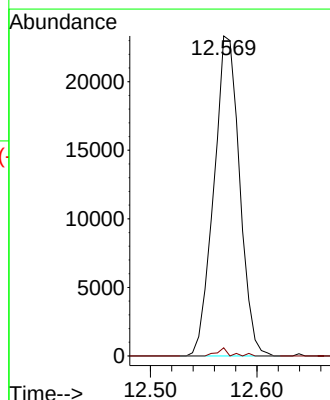
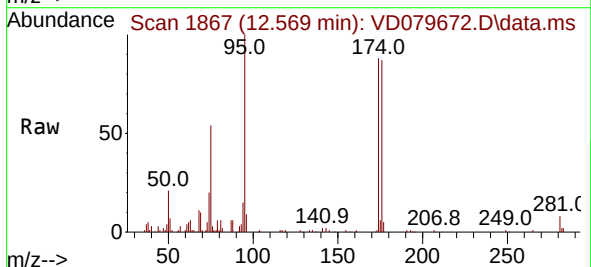
Acq: 08 Aug 2024 17:35

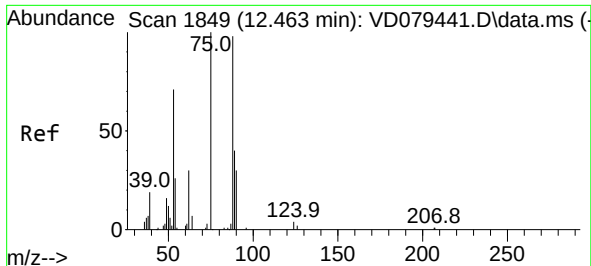
Tgt Ion: 75 Resp: 39157

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

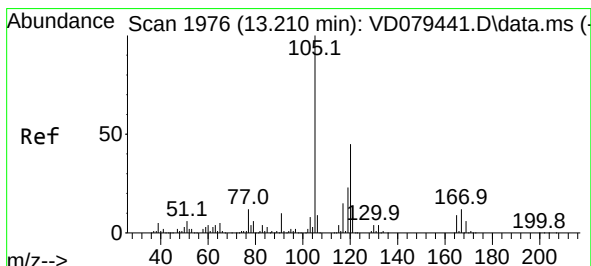
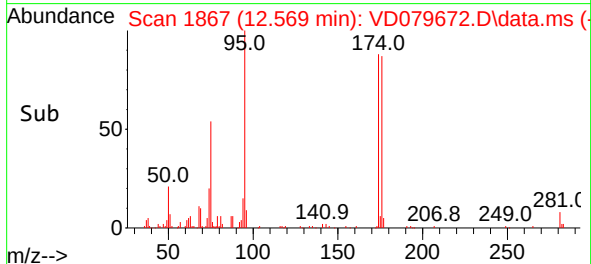
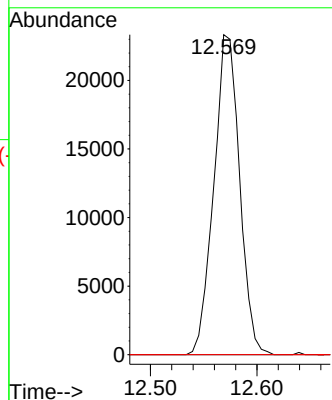
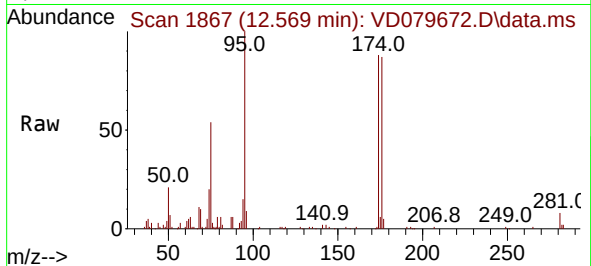




#81
trans-1,4-Dichloro-2-butene
Concen: 104.697 ug/l
RT: 12.569 min Scan# 1849
Delta R.T. 0.100 min
Lab File: VD079672.D
Acq: 08 Aug 2024 17:35

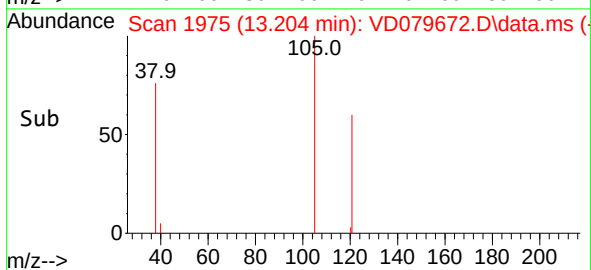
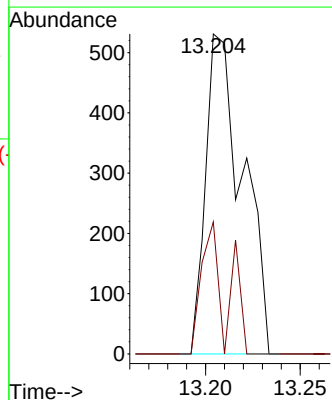
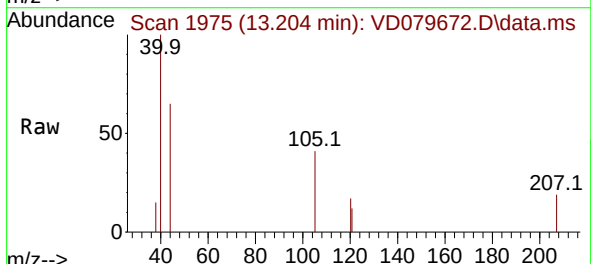
Instrument :
MSVOA_D
ClientSampleId :

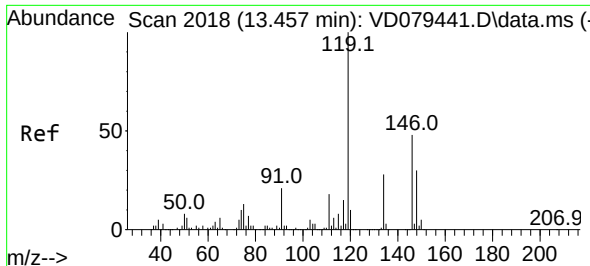
Tgt Ion: 75 Resp: 39157
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#



#84
1,2,4-Trimethylbenzene
Concen: 3.560 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VD079672.D
Acq: 08 Aug 2024 17:35

Tgt Ion: 105 Resp: 724
Ion Ratio Lower Upper
105 100
120 27.3 23.6 71.0

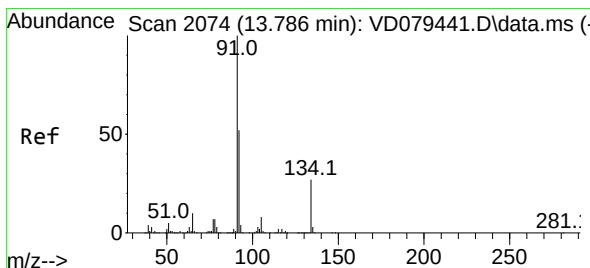
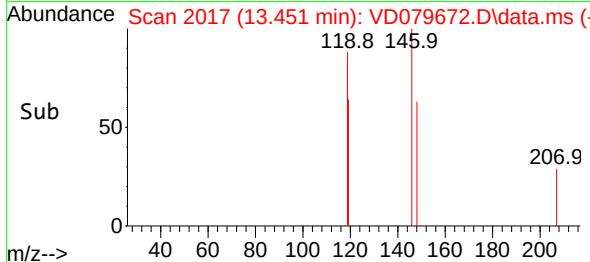
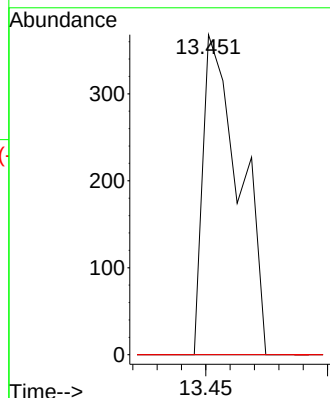
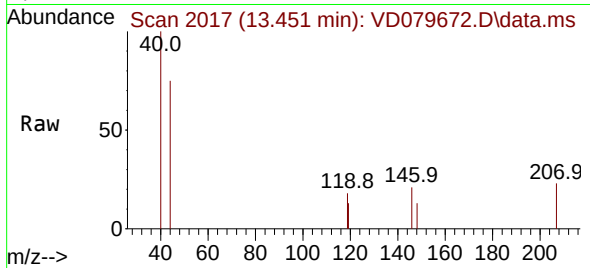




#86
p-Isopropyltoluene
Concen: 3.948 ug/l
RT: 13.451 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD079672.D
Acq: 08 Aug 2024 17:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 382
Ion Ratio Lower Upper
119 100
134 0.0 13.7 41.1#
91 0.0 10.7 32.1#



#89
n-Butylbenzene
Concen: 3.850 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD079672.D
Acq: 08 Aug 2024 17:35

Tgt Ion: 91 Resp: 386
Ion Ratio Lower Upper
91 100
92 45.1 25.7 77.0
134 0.0 13.6 40.8#

