

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090524\
 Data File : VD079788.D
 Acq On : 05 Sep 2024 16:31
 Operator : RP/MD
 Sample : P3819-01
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 06 01:38:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

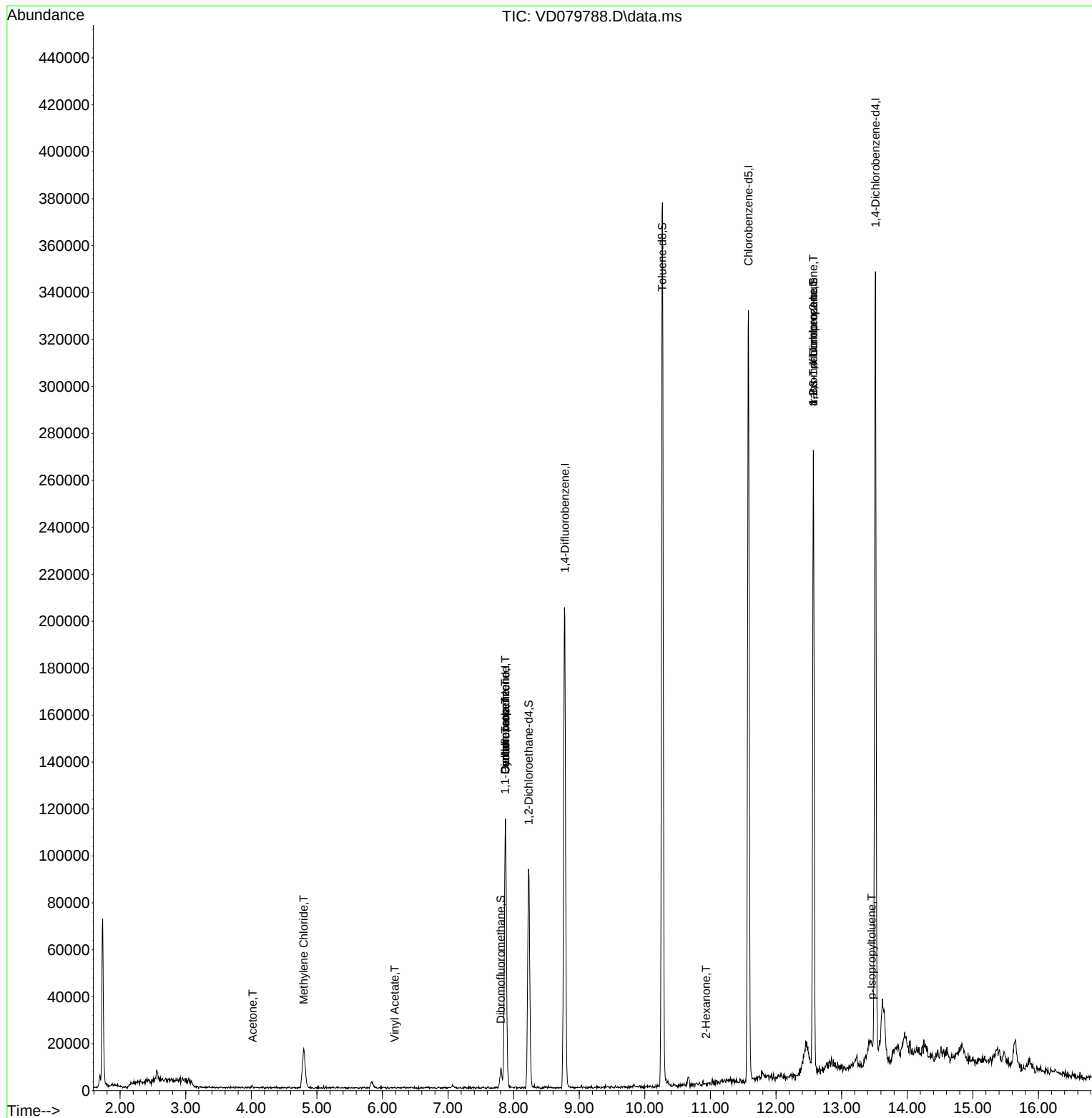
Internal Standards						
1) Pentafluorobenzene	7.875	168	77149	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	178330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	181712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72647	69.062	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	= 138.120%		
35) Dibromofluoromethane	7.804	113	5887	5.079	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	= 10.160%	#	
50) Toluene-d8	10.263	98	269313	54.174	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	= 108.340%		
62) 4-Bromofluorobenzene	12.569	95	79363	57.055	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	= 114.120%		
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	346	1.585	ug/l	# 37
20) Methylene Chloride	4.798	84	11953	6.874	ug/l	# 90
23) Vinyl Acetate	6.187	43	58	2.542	ug/l	# 63
31) Cyclohexane	7.875	56	2623	1.492	ug/l	# 63
36) 1,1-Dichloropropene	7.869	75	8464	4.926	ug/l	# 47
38) Carbon Tetrachloride	7.875	117	9252	5.049	ug/l	# 20
58) 2-Chloroethyl Vinyl ether	9.875	63	65	Below Cal	#	42
59) 2-Hexanone	10.933	43	379	20.842	ug/l	# 19
76) 1,2,3-Trichloropropane	12.569	75	44595	62.892	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	44595	104.897	ug/l	# 20
86) p-Isopropyltoluene	13.457	119	431	3.811	ug/l	# 17

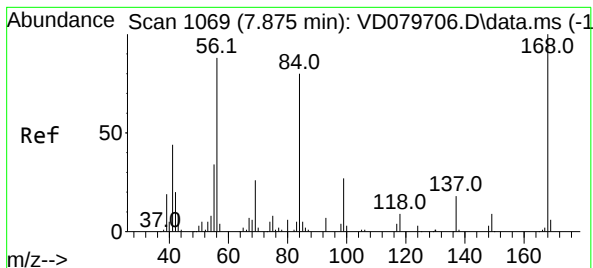
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 06 01:38:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

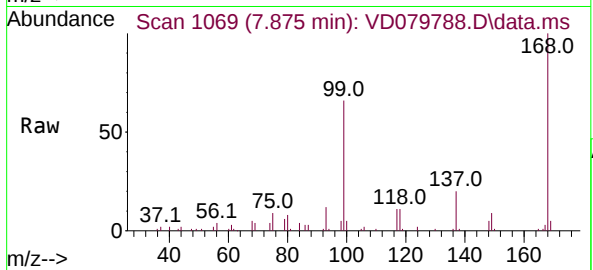
Lab File: VD079788.D

Acq: 05 Sep 2024 16:31

Instrument :

MSVOA_D

ClientSampleId :

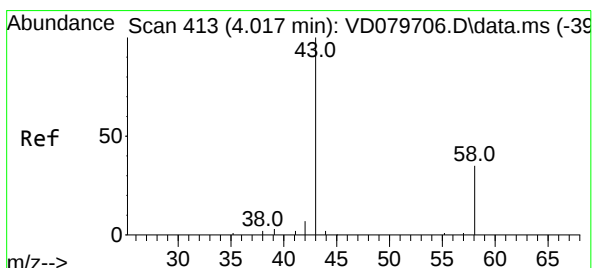
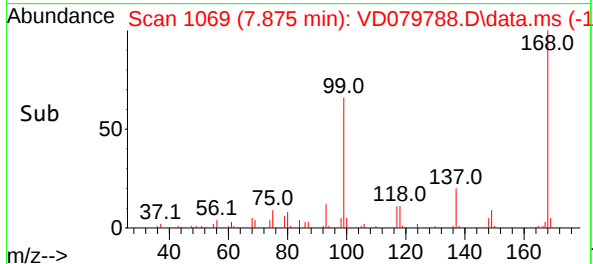
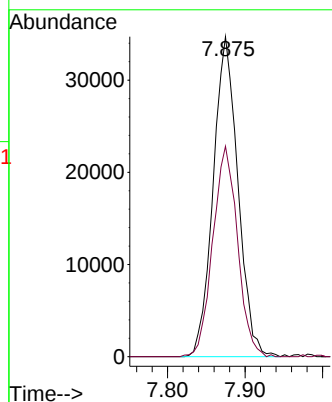


Tgt Ion:168 Resp: 77149

Ion Ratio Lower Upper

168 100

99 65.7 41.1 61.7#



#16

Acetone

Concen: 1.585 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.005 min

Lab File: VD079788.D

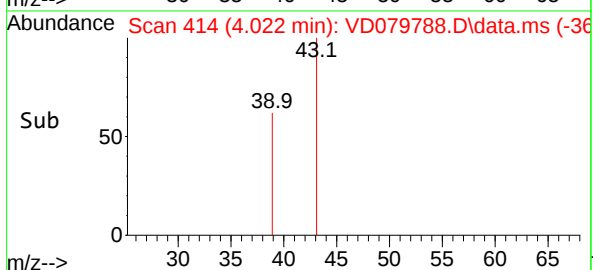
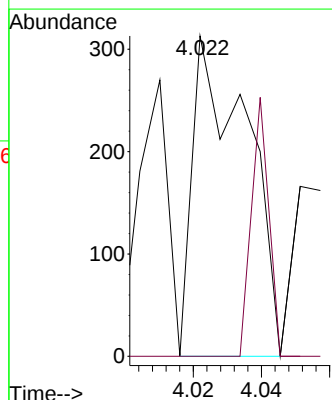
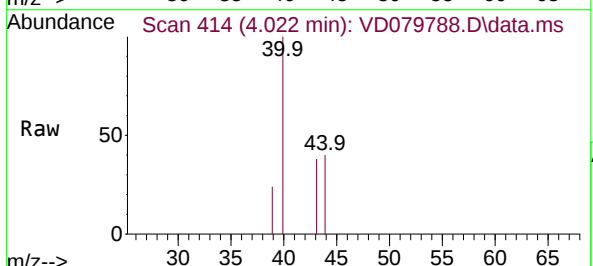
Acq: 05 Sep 2024 16:31

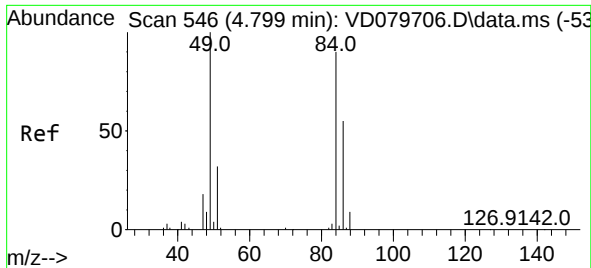
Tgt Ion: 43 Resp: 346

Ion Ratio Lower Upper

43 100

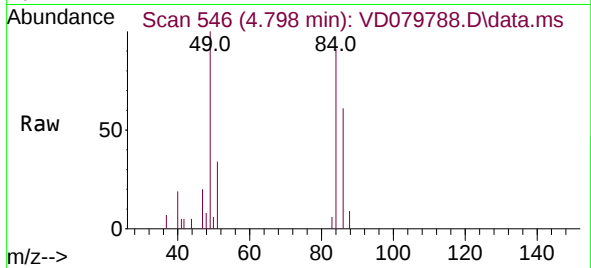
58 0.0 30.4 45.6#



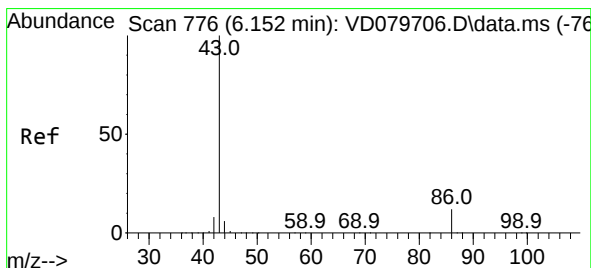
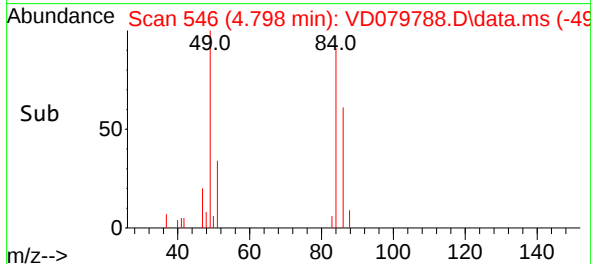
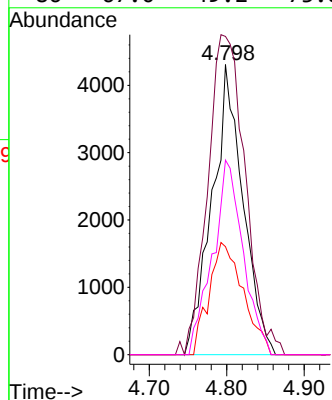


#20
Methylene Chloride
Concen: 6.874 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD079788.D
Acq: 05 Sep 2024 16:31

Instrument :
MSVOA_D
ClientSampleId :

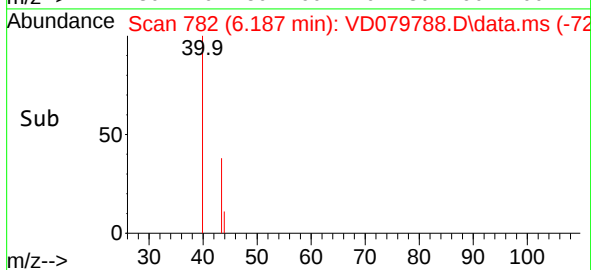
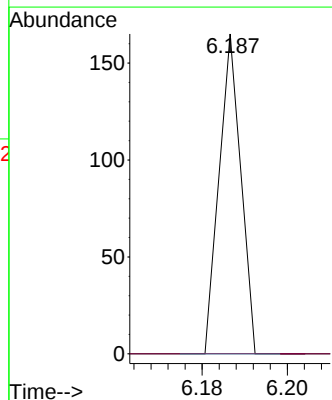
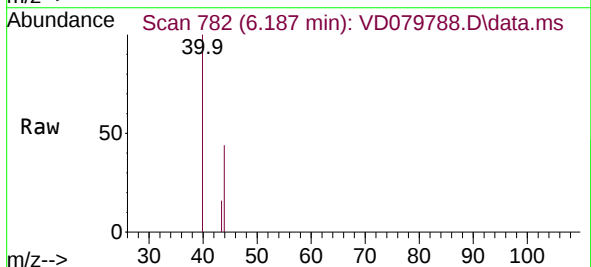


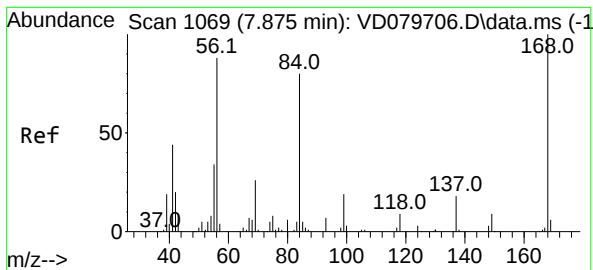
Tgt Ion: 84	Resp: 11953
Ion Ratio	Lower Upper
84 100	
49 105.6	75.6 113.4
51 37.2	24.2 36.2#
86 67.0	49.2 73.8



#23
Vinyl Acetate
Concen: 2.542 ug/l
RT: 6.187 min Scan# 782
Delta R.T. 0.035 min
Lab File: VD079788.D
Acq: 05 Sep 2024 16:31

Tgt Ion: 43	Resp: 58
Ion Ratio	Lower Upper
43 100	
86 0.0	12.3 18.5#





#31

Cyclohexane

Concen: 1.492 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079788.D

Acq: 05 Sep 2024 16:31

Instrument :

MSVOA_D

ClientSampleId :

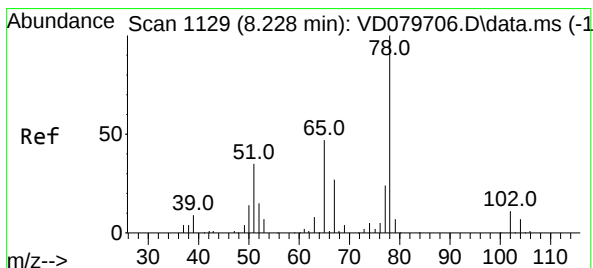
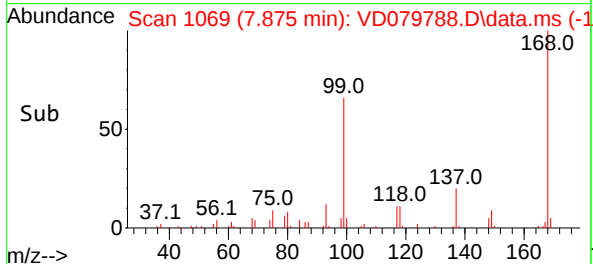
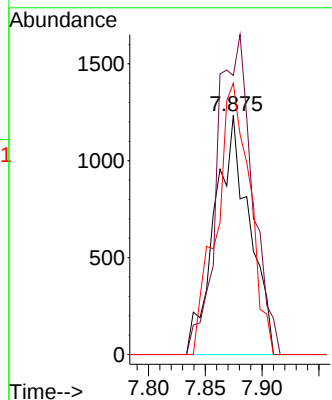
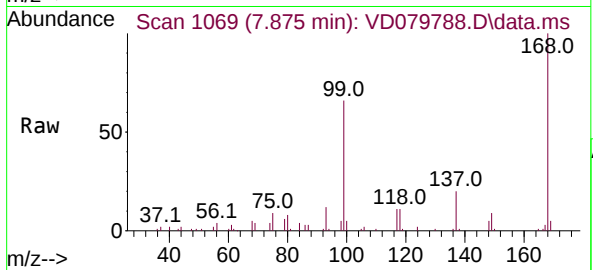
Tgt Ion: 56 Resp: 2623

Ion Ratio Lower Upper

56 100

69 116.7 28.0 42.0#

84 113.5 87.4 131.0



#33

1,2-Dichloroethane-d4

Concen: 69.062 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079788.D

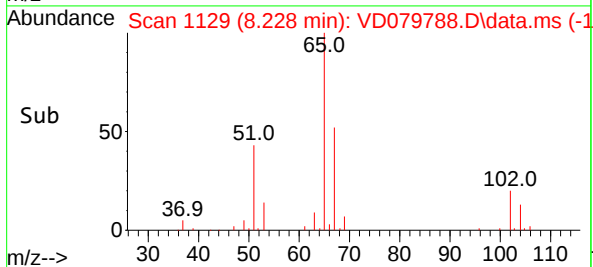
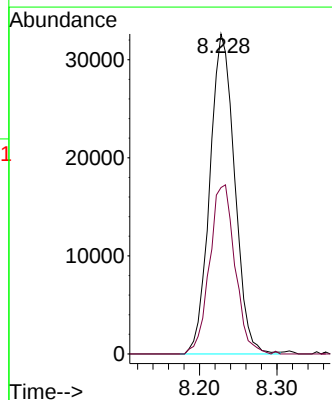
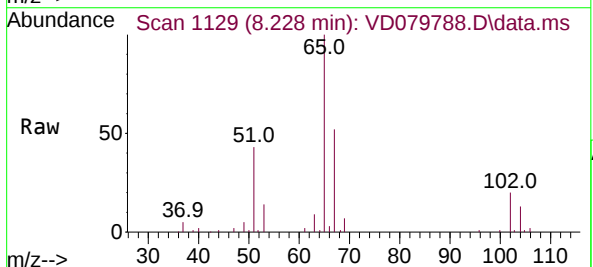
Acq: 05 Sep 2024 16:31

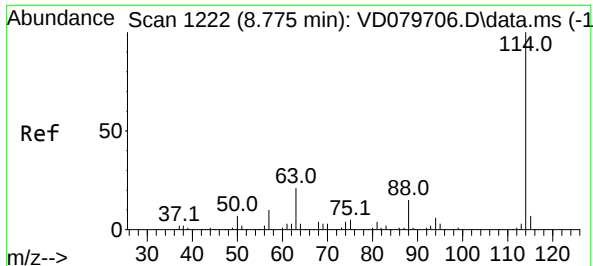
Tgt Ion: 65 Resp: 72647

Ion Ratio Lower Upper

65 100

67 54.1 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.005 min

Lab File: VD079788.D

Acq: 05 Sep 2024 16:31

Instrument :

MSVOA_D

ClientSampleId :

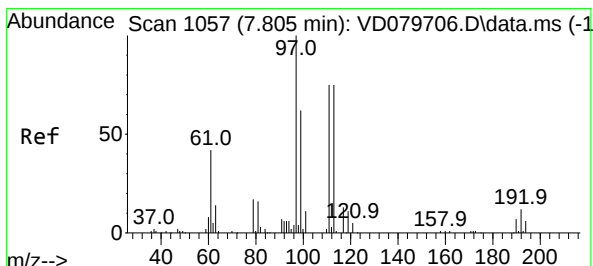
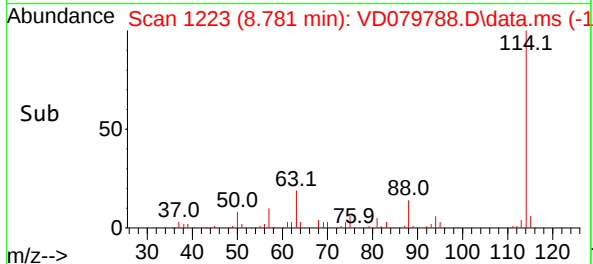
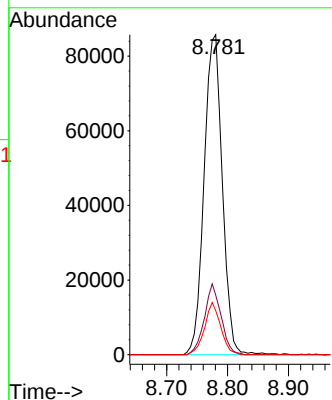
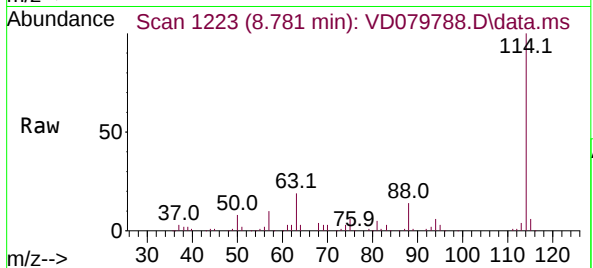
Tgt Ion:114 Resp: 178330

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 5.079 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD079788.D

Acq: 05 Sep 2024 16:31

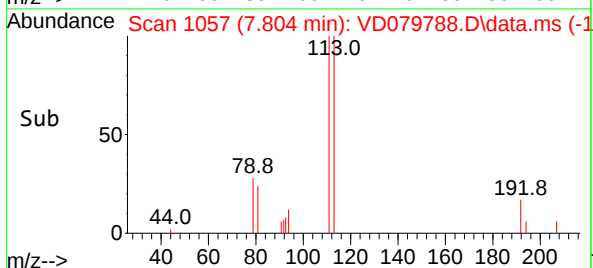
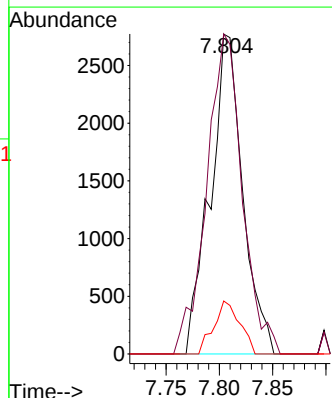
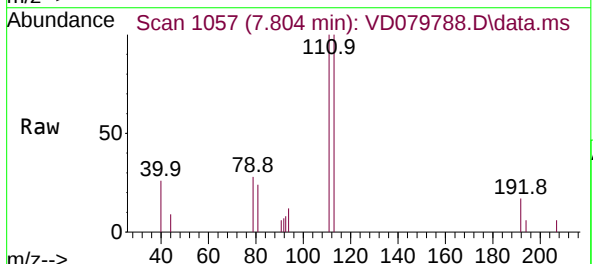
Tgt Ion:113 Resp: 5887

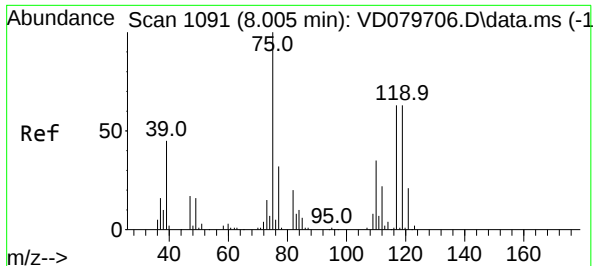
Ion Ratio Lower Upper

113 100

111 109.4 84.0 126.0

192 13.2 15.4 23.0#





#36

1,1-Dichloropropene

Concen: 4.926 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

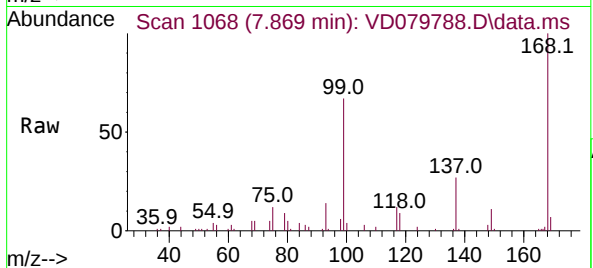
Lab File: VD079788.D

Acq: 05 Sep 2024 16:31

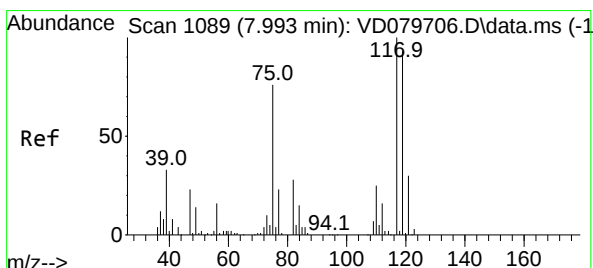
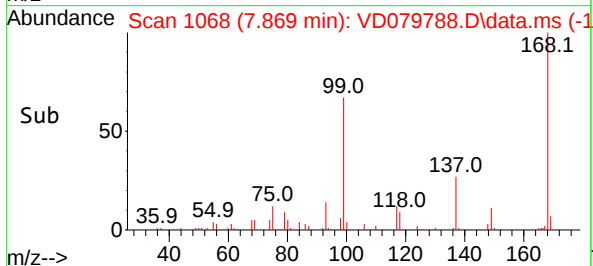
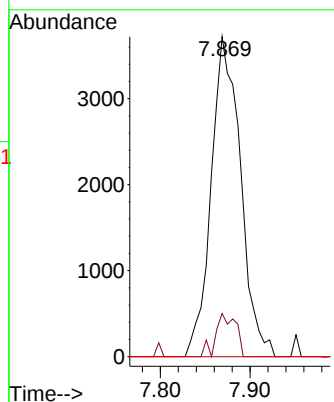
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 8464
Ion Ratio	Lower Upper
75	100
110	9.2 19.6 58.7#
77	0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.049 ug/l

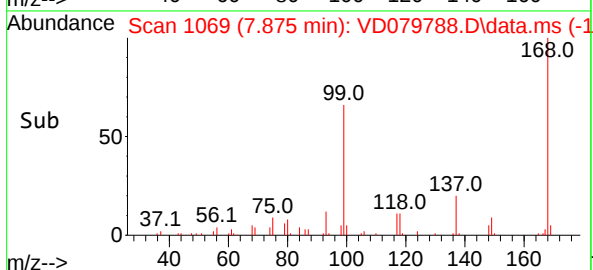
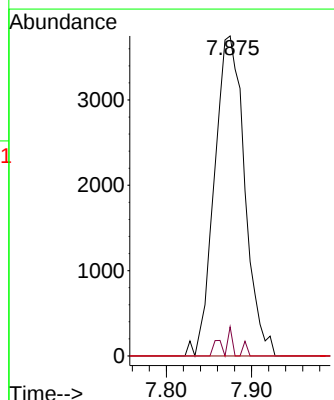
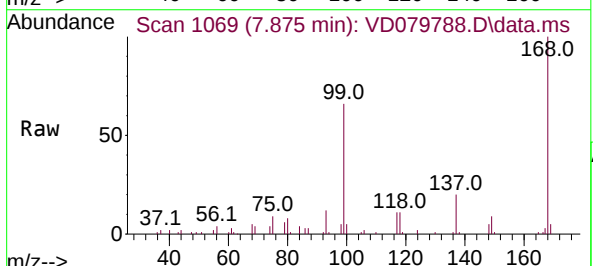
RT: 7.875 min Scan# 1069

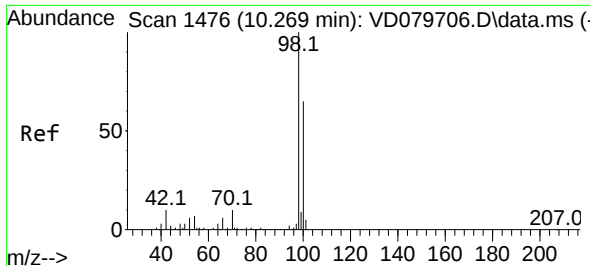
Delta R.T. -0.118 min

Lab File: VD079788.D

Acq: 05 Sep 2024 16:31

Tgt Ion: 117	Resp: 9252
Ion Ratio	Lower Upper
117	100
119	9.1 75.4 113.0#
121	0.0 25.0 37.4#

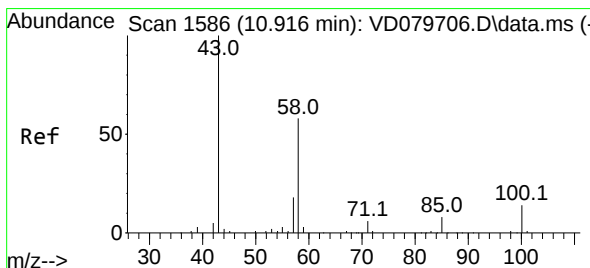
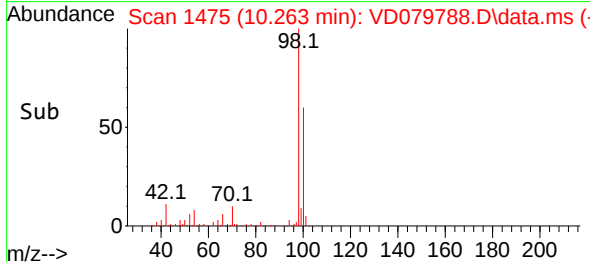
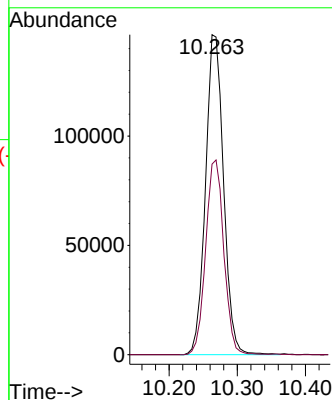
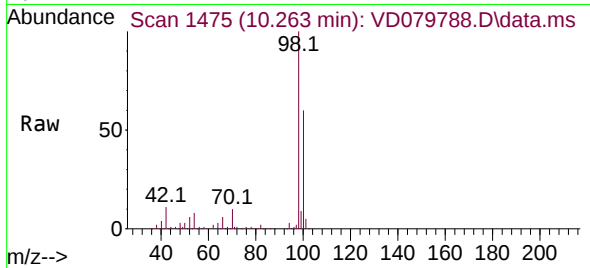




#50
Toluene-d8
Concen: 54.174 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD079788.D
Acq: 05 Sep 2024 16:31

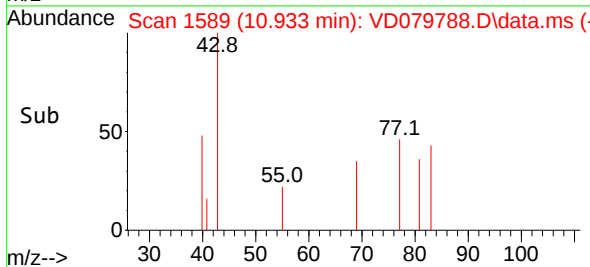
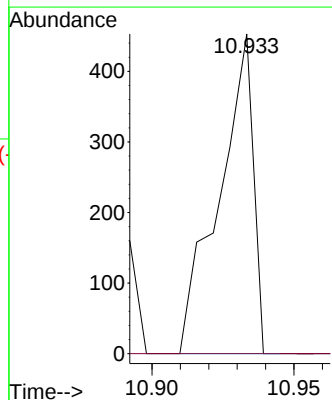
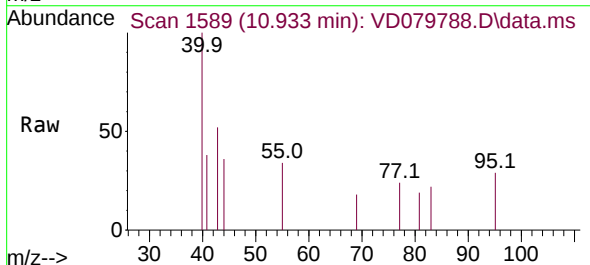
Instrument :
MSVOA_D
ClientSampleId :

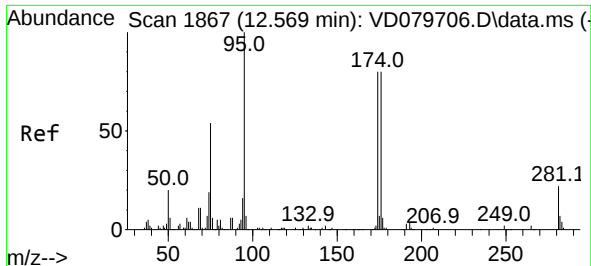
Tgt Ion: 98 Resp: 269313
Ion Ratio Lower Upper
98 100
100 61.1 51.6 77.4



#59
2-Hexanone
Concen: 20.842 ug/l
RT: 10.933 min Scan# 1589
Delta R.T. 0.017 min
Lab File: VD079788.D
Acq: 05 Sep 2024 16:31

Tgt Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

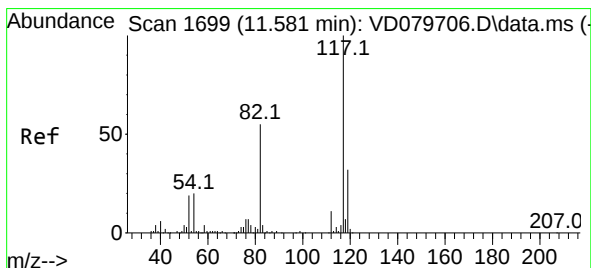
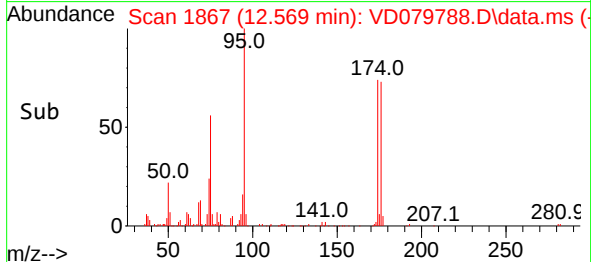
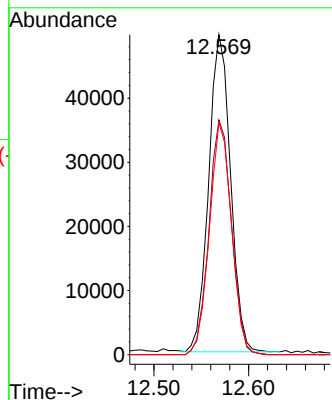
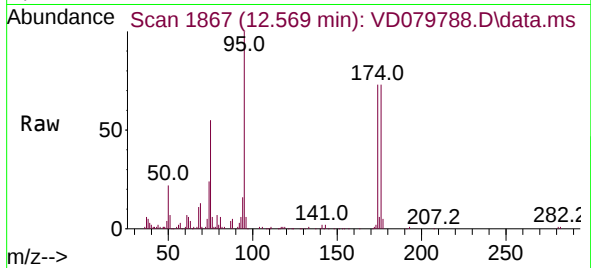




#62
4-Bromofluorobenzene
Concen: 57.055 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079788.D
Acq: 05 Sep 2024 16:31

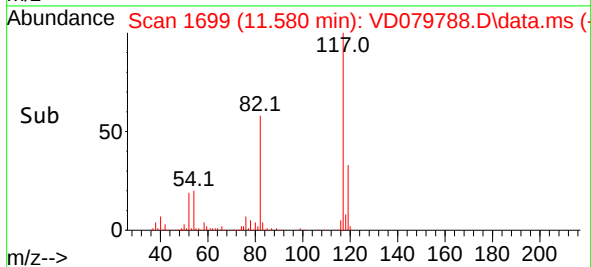
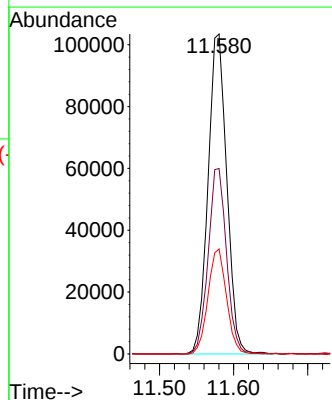
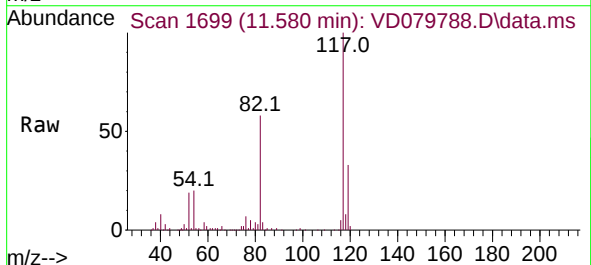
Instrument :
MSVOA_D
ClientSampleId :

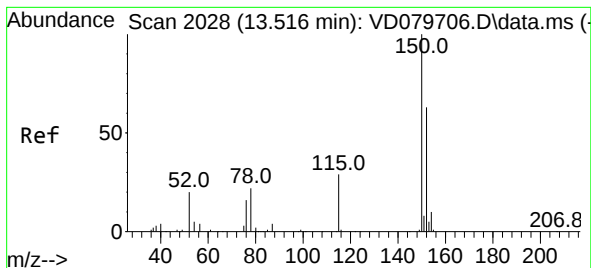
Tgt Ion: 95 Resp: 79363
Ion Ratio Lower Upper
95 100
174 75.9 0.0 195.4
176 73.9 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079788.D
Acq: 05 Sep 2024 16:31

Tgt Ion: 117 Resp: 181712
Ion Ratio Lower Upper
117 100
82 58.0 39.8 59.6
119 32.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.001 min

Lab File: VD079788.D

Acq: 05 Sep 2024 16:31

Instrument :

MSVOA_D

ClientSampleId :

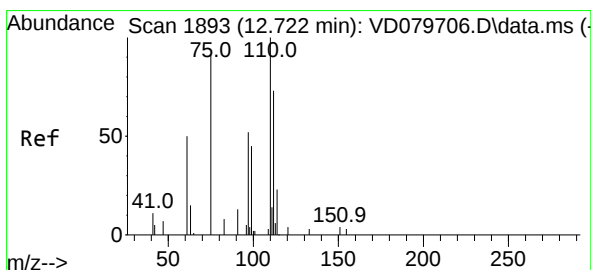
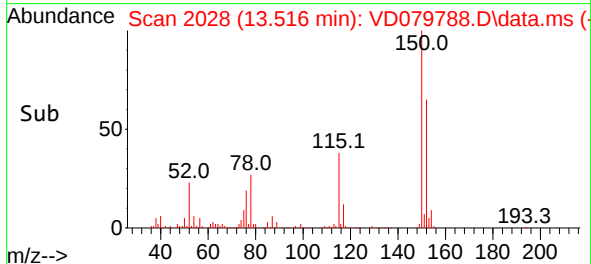
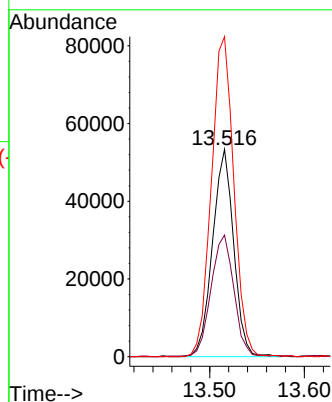
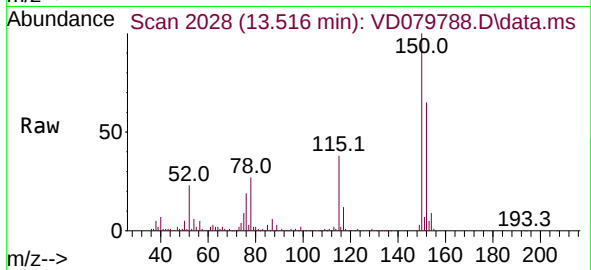
Tgt Ion:152 Resp: 82962

Ion Ratio Lower Upper

152 100

115 63.9 26.5 79.5

150 163.5 0.0 341.6



#76

1,2,3-Trichloropropane

Concen: 62.892 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079788.D

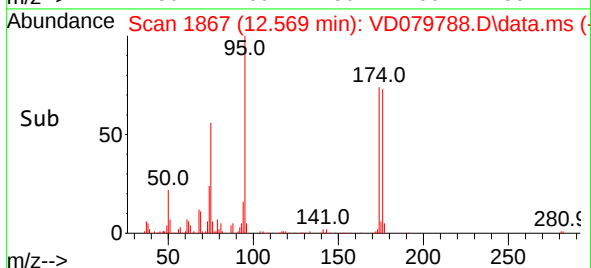
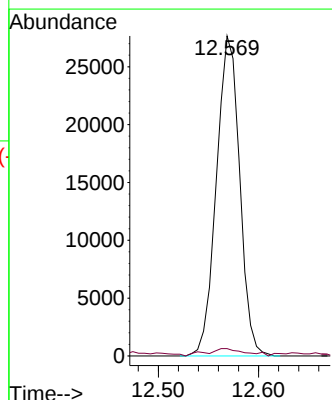
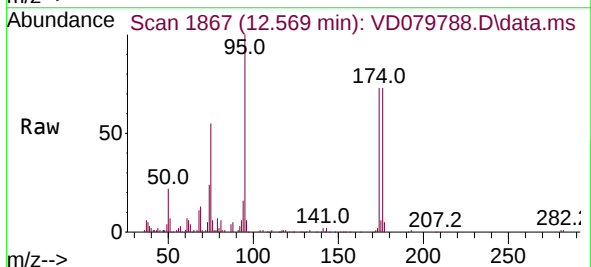
Acq: 05 Sep 2024 16:31

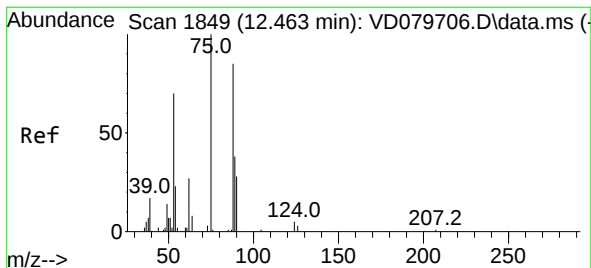
Tgt Ion: 75 Resp: 44595

Ion Ratio Lower Upper

75 100

77 2.9 0.0 0.0#

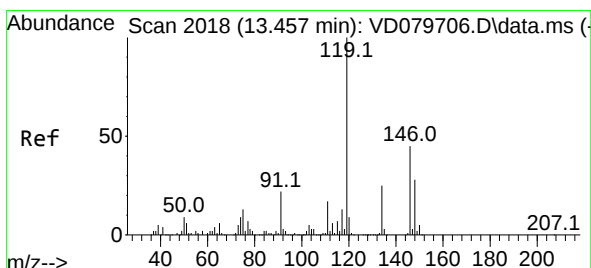
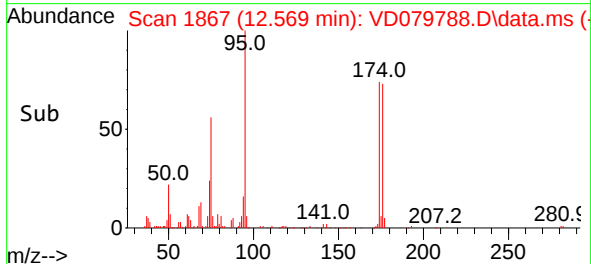
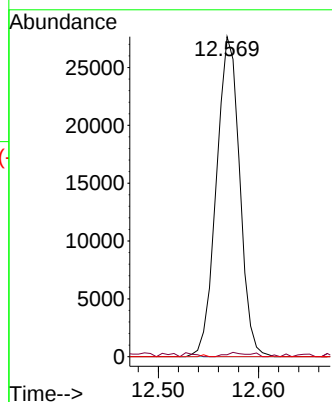
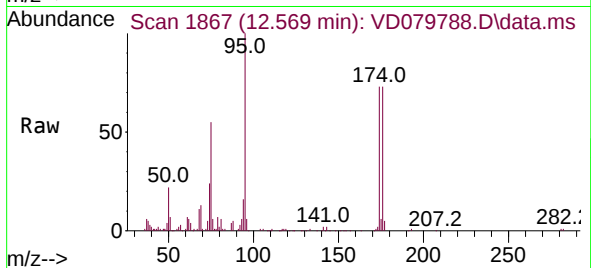




#81
trans-1,4-Dichloro-2-butene
Concen: 104.897 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.105 min
Lab File: VD079788.D
Acq: 05 Sep 2024 16:31

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 44595
Ion Ratio Lower Upper
75 100
53 1.3 61.4 92.2#
89 0.0 35.4 53.0#



#86
p-Isopropyltoluene
Concen: 3.811 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079788.D
Acq: 05 Sep 2024 16:31

Tgt Ion: 119 Resp: 431
Ion Ratio Lower Upper
119 100
134 0.0 13.7 41.1#
91 79.1 10.7 32.1#

