

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090524\
 Data File : VD079785.D
 Acq On : 05 Sep 2024 15:07
 Operator : RP/MD
 Sample : P3839-07
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 06 01:37:45 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)

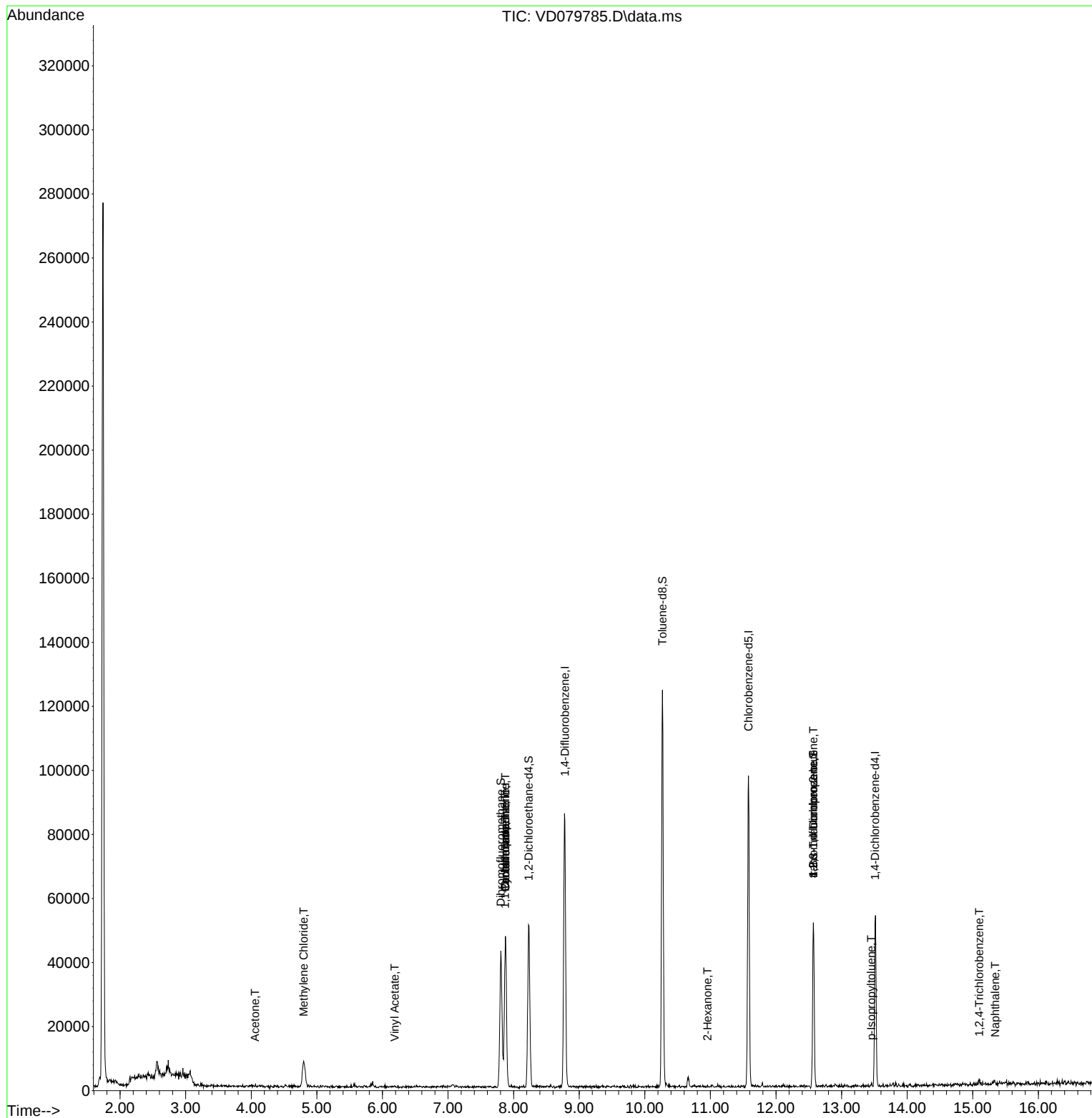
Internal Standards						
1) Pentafluorobenzene	7.875	168	31672	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	75110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	54937	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	13604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41751	96.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 193.360%#	
35) Dibromofluoromethane	7.805	113	29718	60.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.740%	
50) Toluene-d8	10.269	98	87155	41.625	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 83.240%	
62) 4-Bromofluorobenzene	12.569	95	16587	28.312	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 56.620%	
Target Compounds						
					Qvalue	
16) Acetone	4.058	43	183	2.042	ug/l	# 37
20) Methylene Chloride	4.799	84	6125	9.254	ug/l	# 86
23) Vinyl Acetate	6.187	43	55	2.588	ug/l	# 63
31) Cyclohexane	7.875	56	1092	1.513	ug/l	# 33
36) 1,1-Dichloropropene	7.869	75	3152	4.356	ug/l	# 41
38) Carbon Tetrachloride	7.875	117	3812	4.940	ug/l	# 13
59) 2-Hexanone	10.957	43	61	20.466	ug/l	# 19
76) 1,2,3-Trichloropropane	12.569	75	8699	74.815	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	8699	124.784	ug/l	# 19
86) p-Isopropyltoluene	13.451	119	264	3.993	ug/l	# 51
93) 1,2,4-Trichlorobenzene	15.098	180	363	1.668	ug/l	# 67
95) Naphthalene	15.339	128	1551	3.513	ug/l	# 70

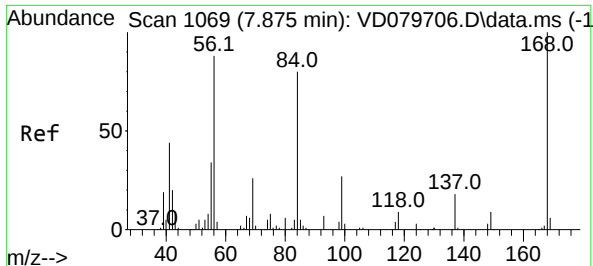
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 06 01:37:45 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

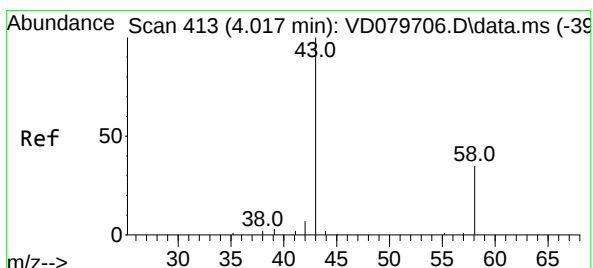
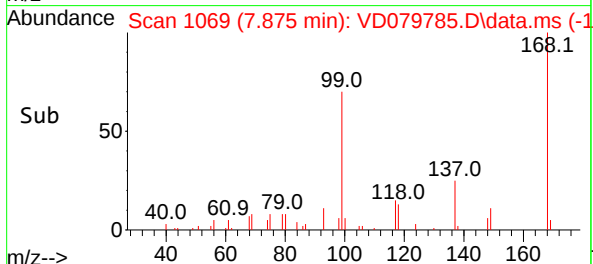
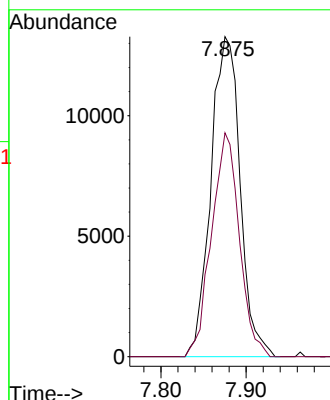
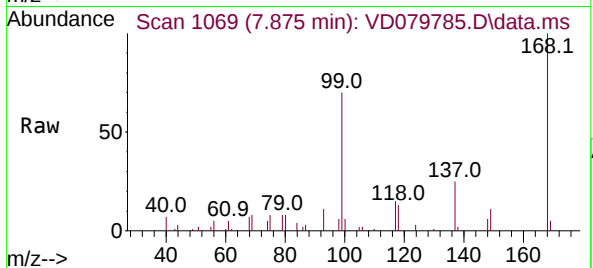




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

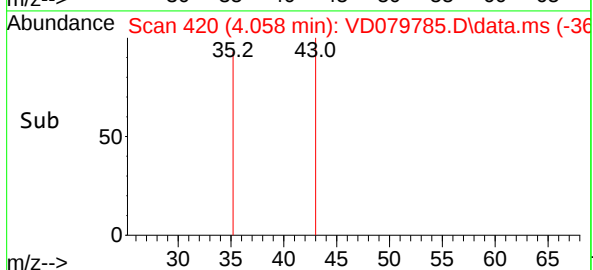
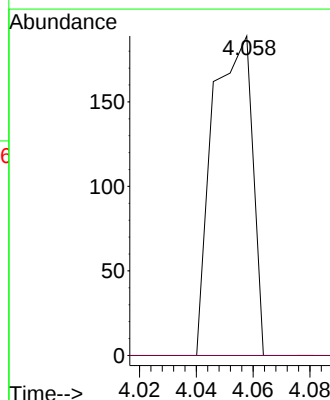
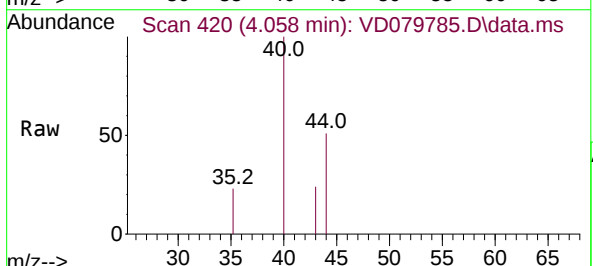
Instrument :
MSVOA_D
ClientSampleId :

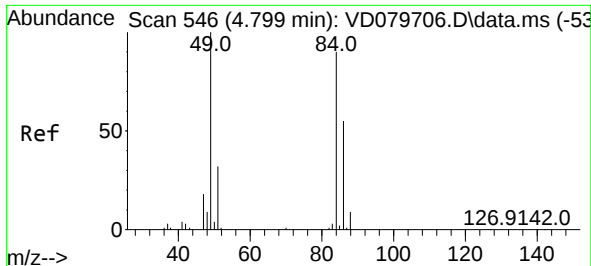
Tgt Ion:168 Resp: 31672
Ion Ratio Lower Upper
168 100
99 70.0 41.1 61.7#



#16
Acetone
Concen: 2.042 ug/l
RT: 4.058 min Scan# 420
Delta R.T. 0.041 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

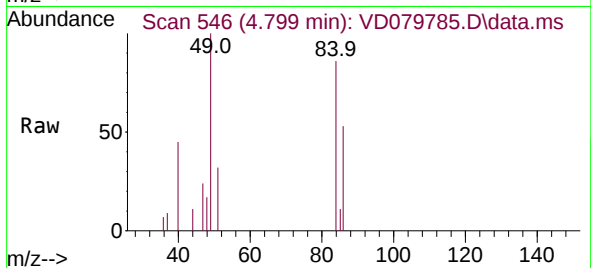
Tgt Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



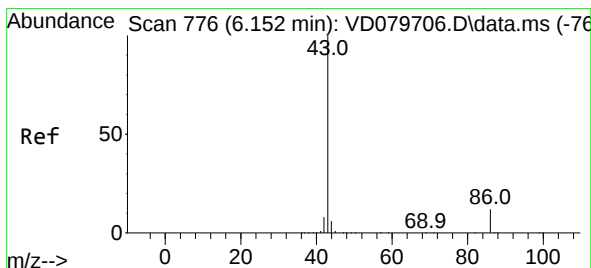
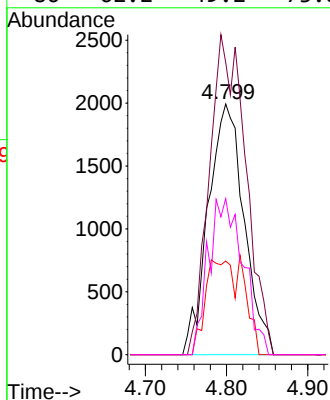
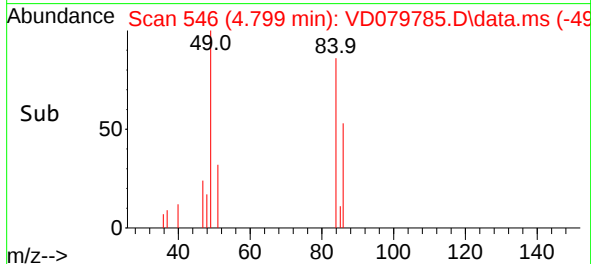


#20
Methylene Chloride
Concen: 9.254 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

Instrument :
MSVOA_D
ClientSampleId :

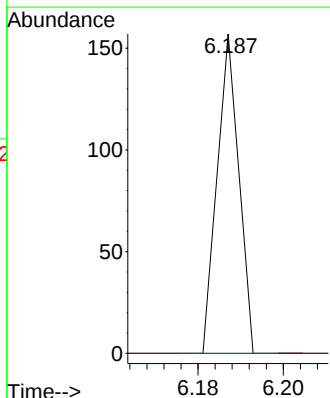
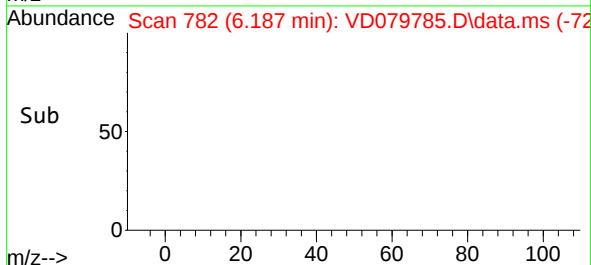
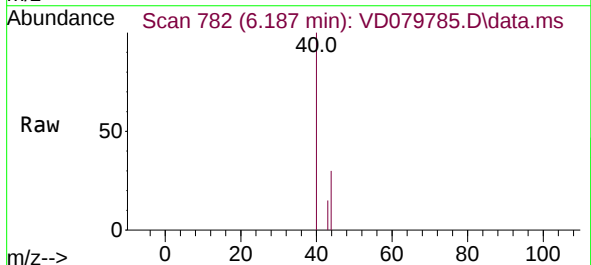


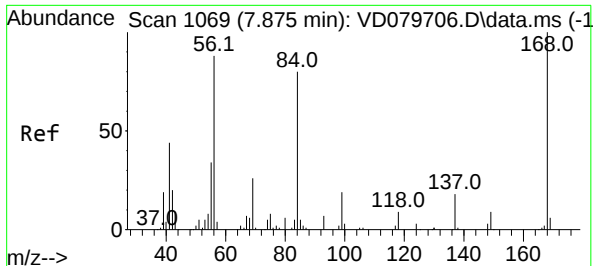
Tgt Ion: 84	Resp: 6125
Ion Ratio	Lower Upper
84	100
49	116.6 75.6 113.4#
51	37.4 24.2 36.2#
86	62.2 49.2 73.8



#23
Vinyl Acetate
Concen: 2.588 ug/l
RT: 6.187 min Scan# 782
Delta R.T. 0.035 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

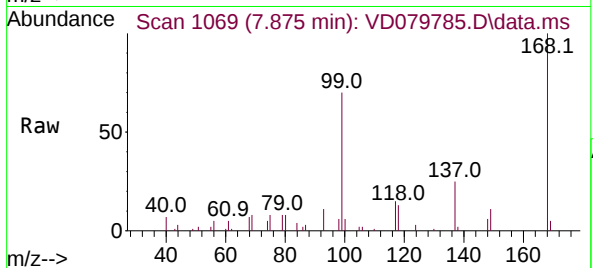
Tgt Ion: 43	Resp: 55
Ion Ratio	Lower Upper
43	100
86	0.0 12.3 18.5#



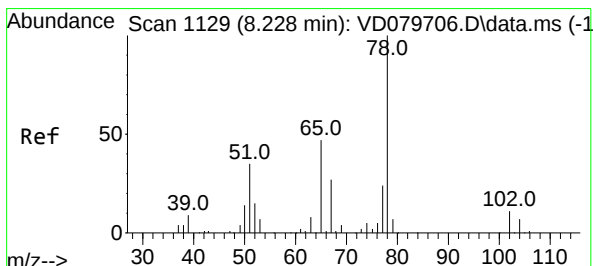
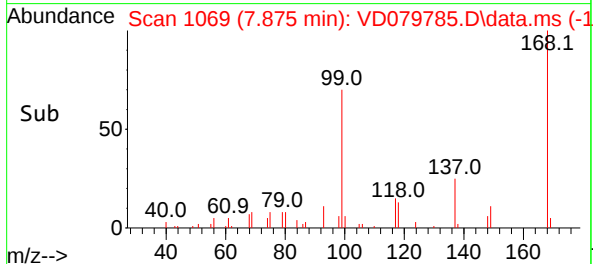
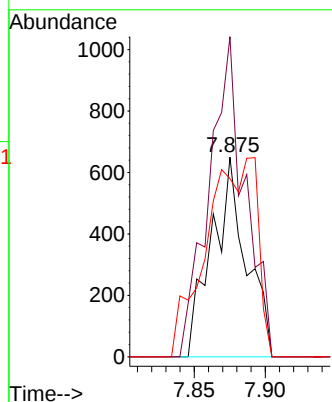


#31
Cyclohexane
Concen: 1.513 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

Instrument :
MSVOA_D
ClientSampleId :

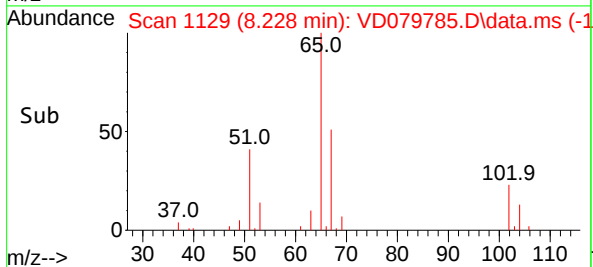
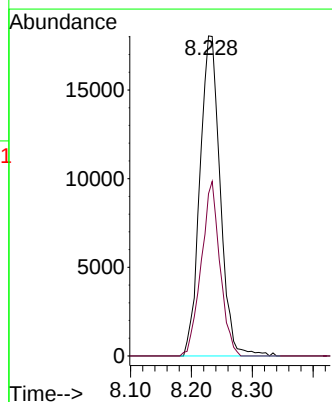
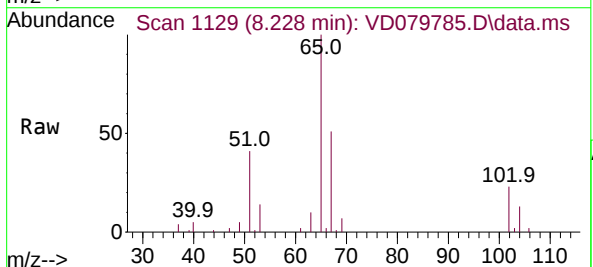


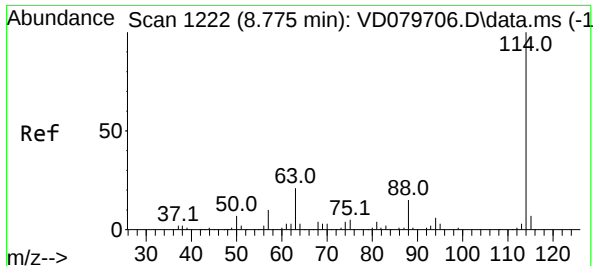
Tgt Ion: 56 Resp: 1092
Ion Ratio Lower Upper
56 100
69 160.3 28.0 42.0#
84 89.2 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 96.681 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

Tgt Ion: 65 Resp: 41751
Ion Ratio Lower Upper
65 100
67 50.3 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079785.D

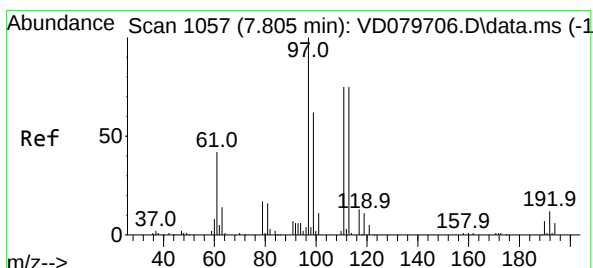
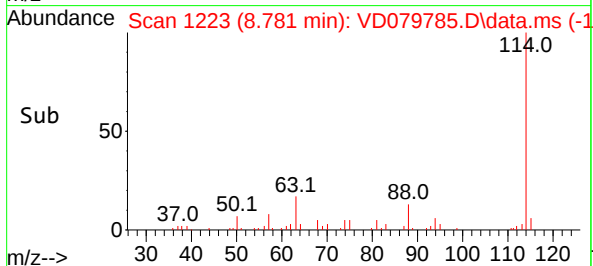
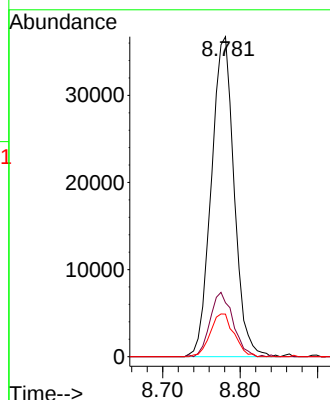
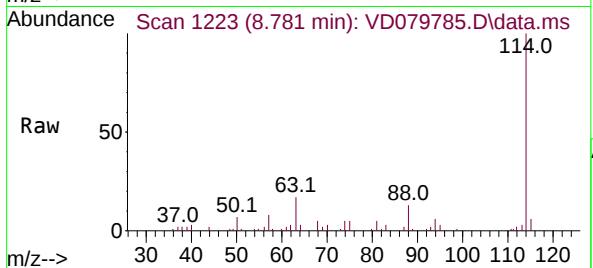
Acq: 05 Sep 2024 15:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	75110
Ion Ratio	Lower	Upper
114	100	
63	16.8	0.0 34.0
88	13.3	0.0 27.2



#35

Dibromofluoromethane

Concen: 60.871 ug/l

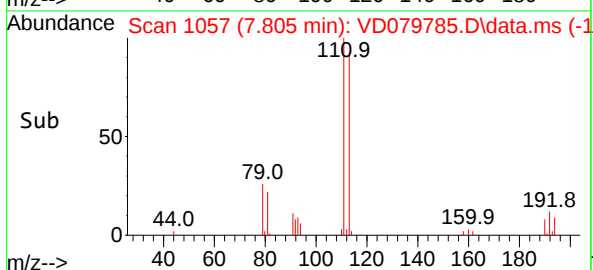
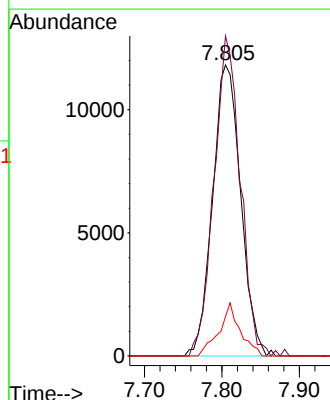
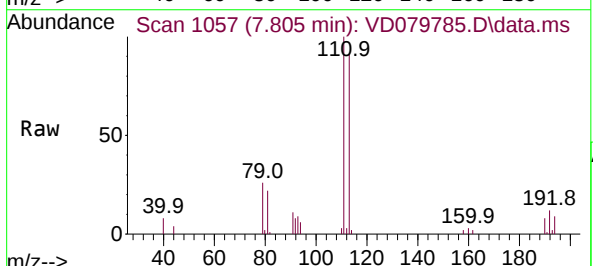
RT: 7.805 min Scan# 1057

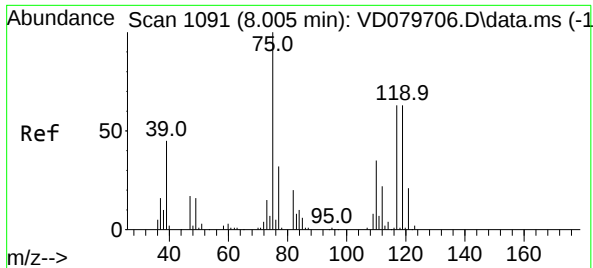
Delta R.T. -0.000 min

Lab File: VD079785.D

Acq: 05 Sep 2024 15:07

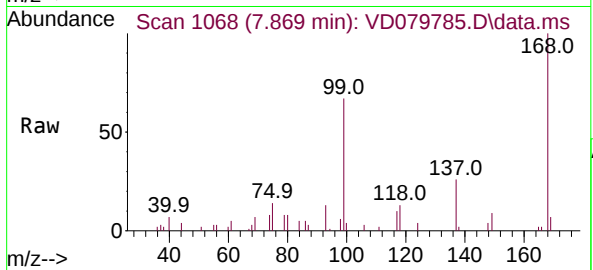
Tgt Ion:113	Resp:	29718
Ion Ratio	Lower	Upper
113	100	
111	103.3	84.0 126.0
192	13.7	15.4 23.0



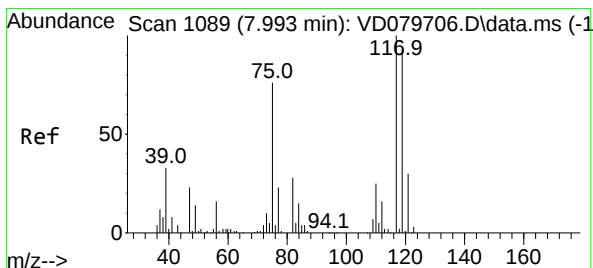
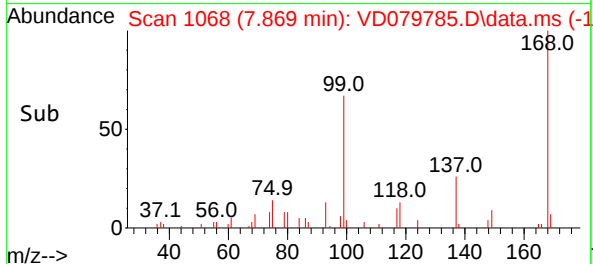
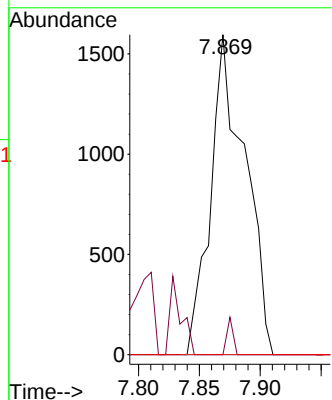


#36
1,1-Dichloropropene
Concen: 4.356 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

Instrument :
MSVOA_D
ClientSampleId :

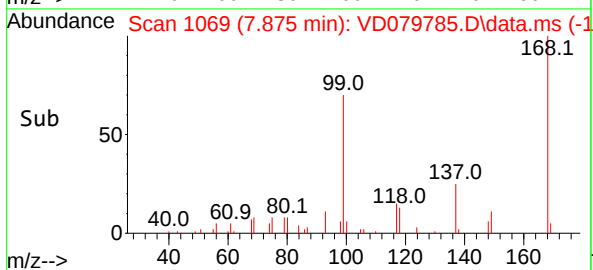
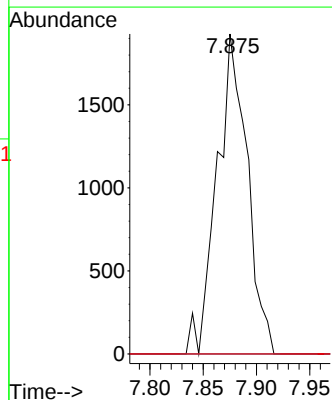
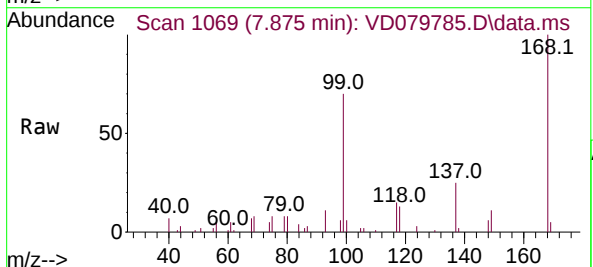


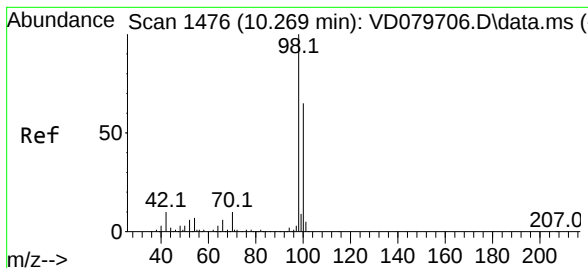
Tgt Ion: 75 Resp: 3152
Ion Ratio Lower Upper
75 100
110 2.1 19.6 58.7#
77 0.0 26.1 39.1#



#38
Carbon Tetrachloride
Concen: 4.940 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

Tgt Ion: 117 Resp: 3812
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#

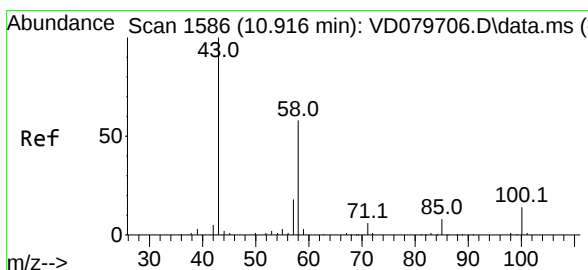
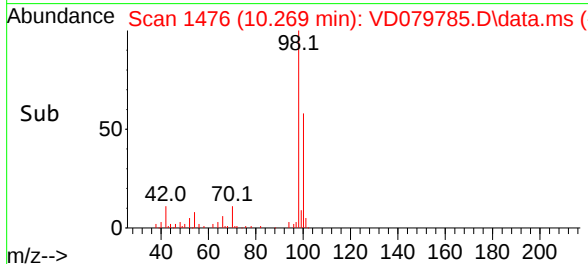
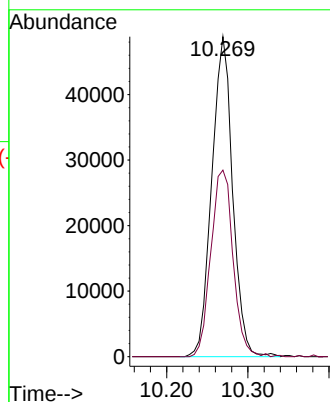
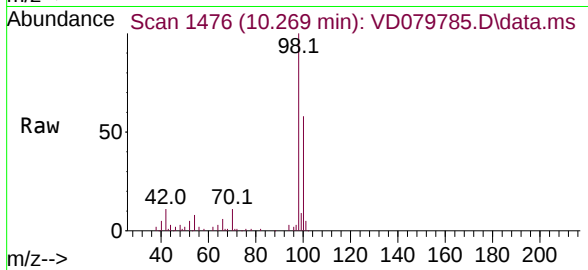




#50
Toluene-d8
Concen: 41.625 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

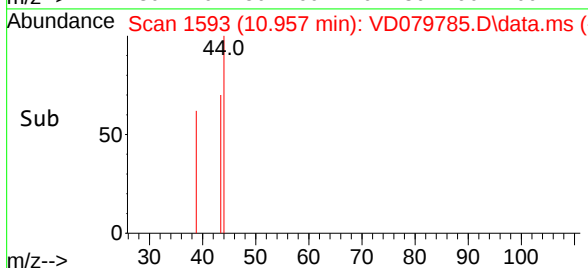
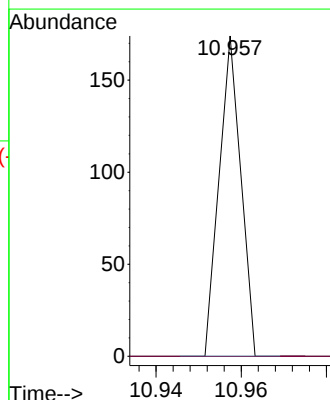
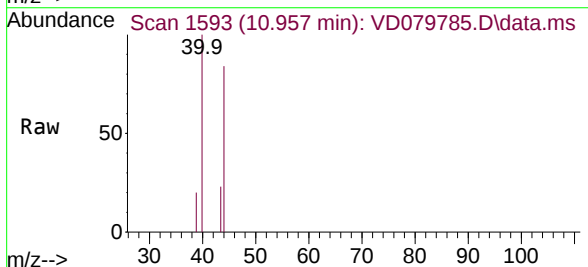
Instrument :
MSVOA_D
ClientSampleId :

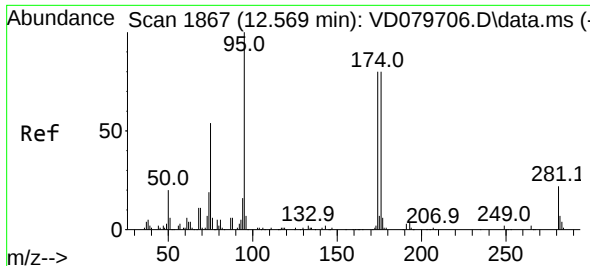
Tgt Ion: 98 Resp: 87155
Ion Ratio Lower Upper
98 100
100 62.2 51.6 77.4



#59
2-Hexanone
Concen: 20.466 ug/l
RT: 10.957 min Scan# 1593
Delta R.T. 0.041 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

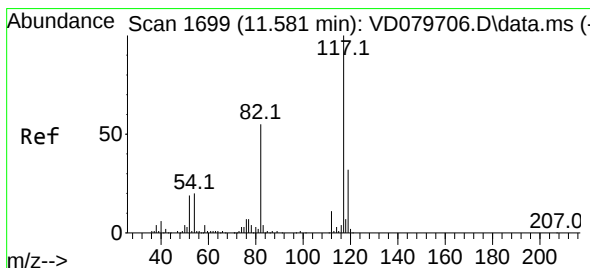
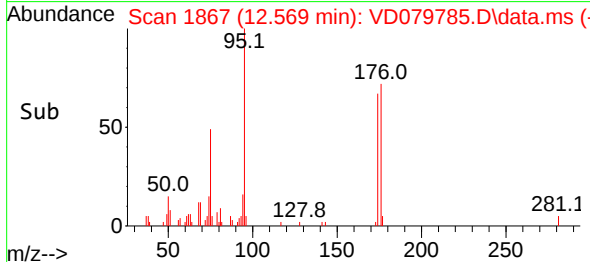
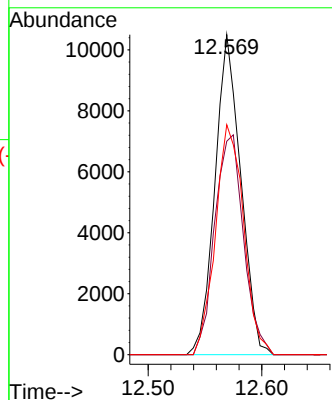
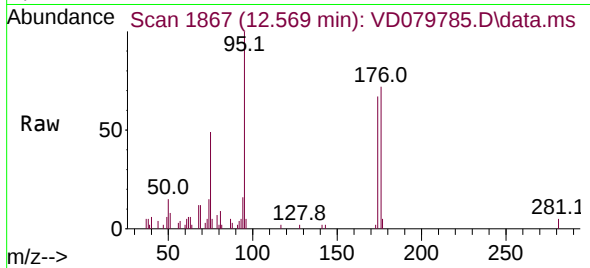




#62
4-Bromofluorobenzene
Concen: 28.312 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

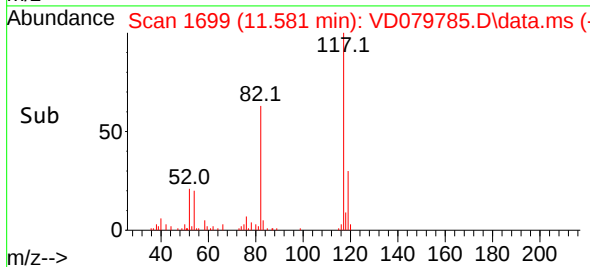
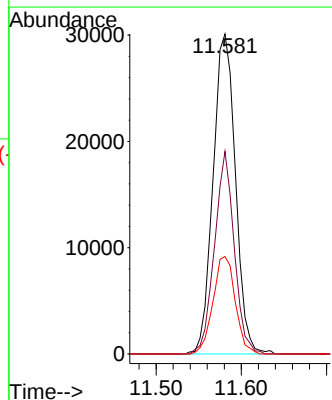
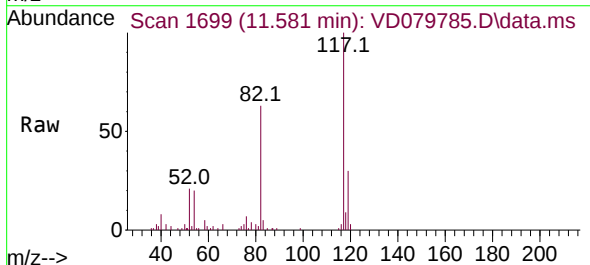
Instrument :
MSVOA_D
ClientSampleId :

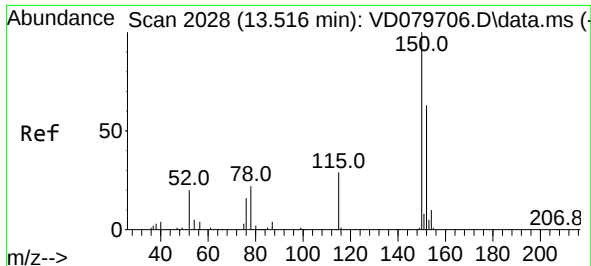
Tgt Ion: 95 Resp: 16587
Ion Ratio Lower Upper
95 100
174 76.8 0.0 195.4
176 78.3 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

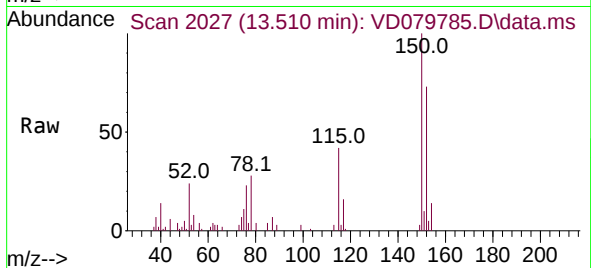
Tgt Ion: 117 Resp: 54937
Ion Ratio Lower Upper
117 100
82 63.3 39.8 59.6#
119 30.5 25.7 38.5



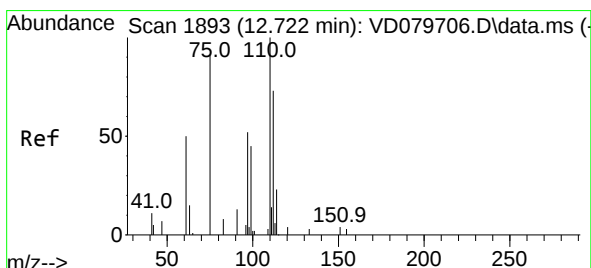
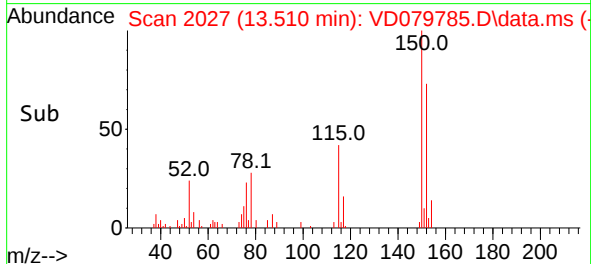
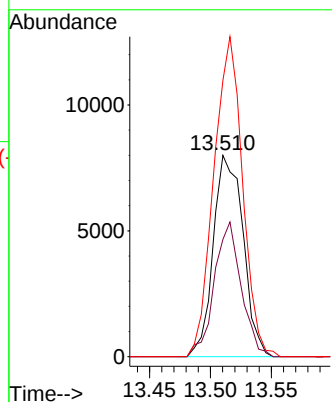


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD079785.D
 Acq: 05 Sep 2024 15:07

Instrument :
 MSVOA_D
 ClientSampleId :

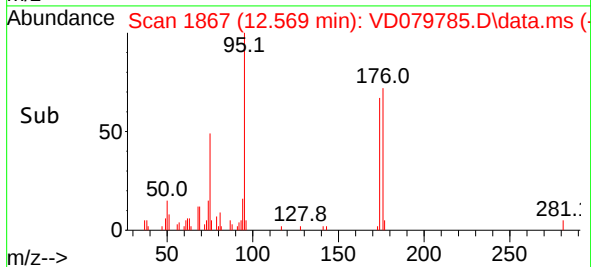
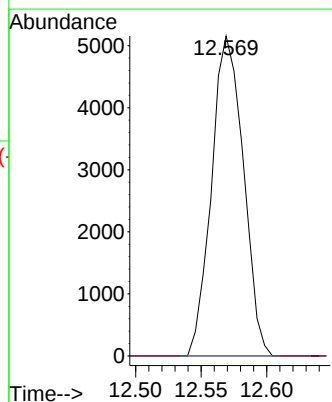
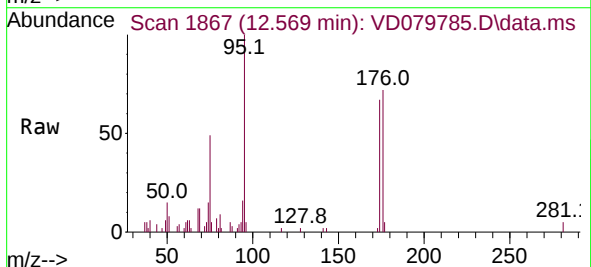


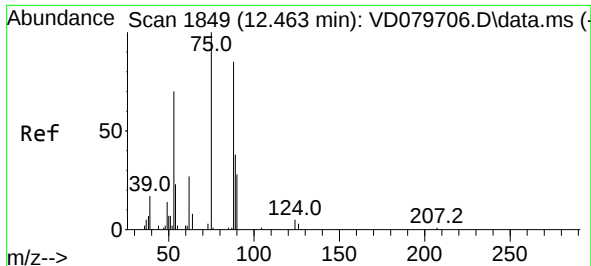
Tgt Ion:152 Resp: 13604
 Ion Ratio Lower Upper
 152 100
 115 60.7 26.5 79.5
 150 153.6 0.0 341.6



#76
 1,2,3-Trichloropropane
 Concen: 74.815 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079785.D
 Acq: 05 Sep 2024 15:07

Tgt Ion: 75 Resp: 8699
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

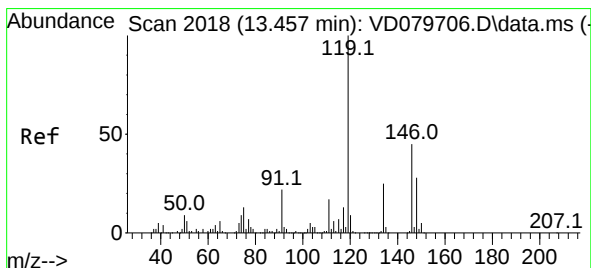
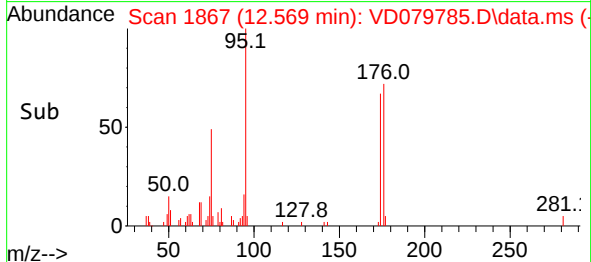
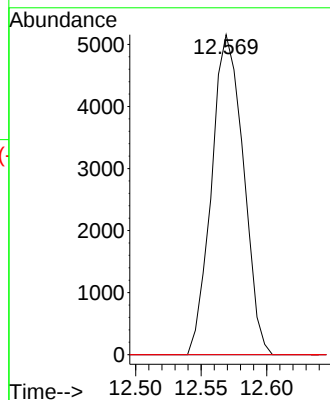
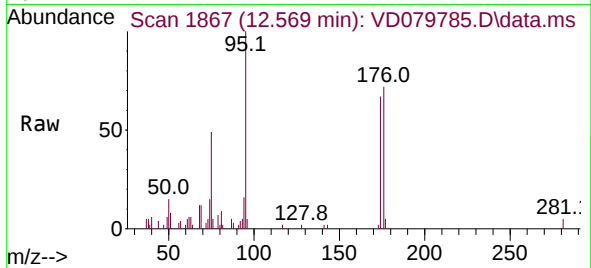




#81
trans-1,4-Dichloro-2-butene
Concen: 124.784 ug/l
RT: 12.569 min Scan# 1849
Delta R.T. 0.106 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

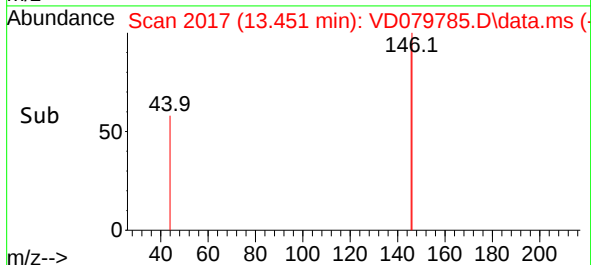
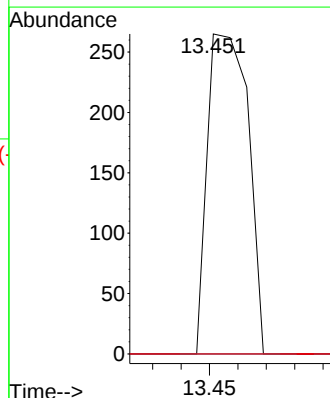
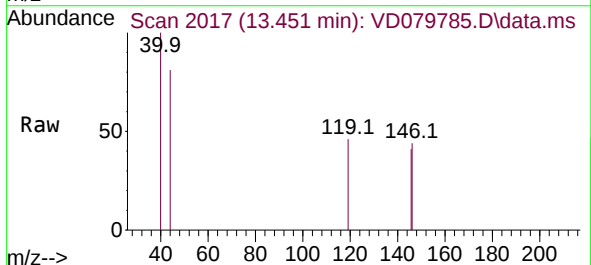
Instrument :
MSVOA_D
ClientSampleId :

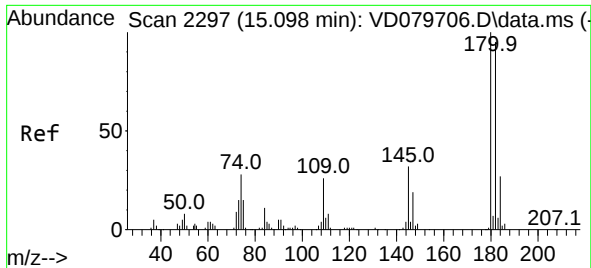
Tgt Ion: 75 Resp: 8699
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#



#86
p-Isopropyltoluene
Concen: 3.993 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

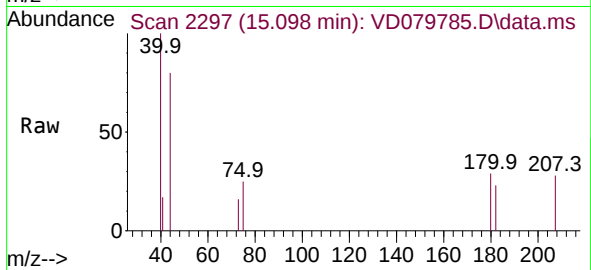
Tgt Ion: 119 Resp: 264
Ion Ratio Lower Upper
119 100
134 0.0 13.7 41.1#
91 0.0 10.7 32.1#



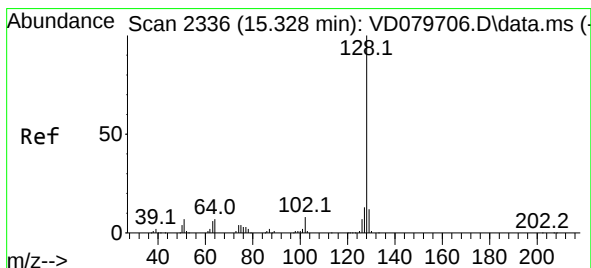
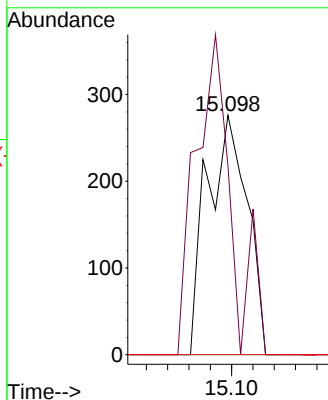
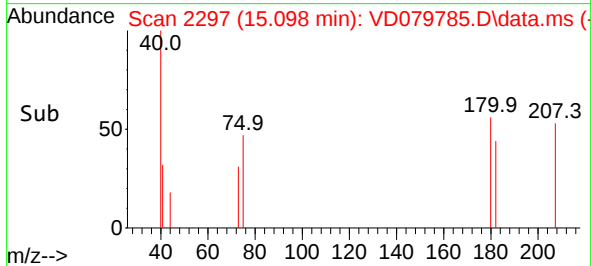


#93
1,2,4-Trichlorobenzene
Concen: 1.668 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

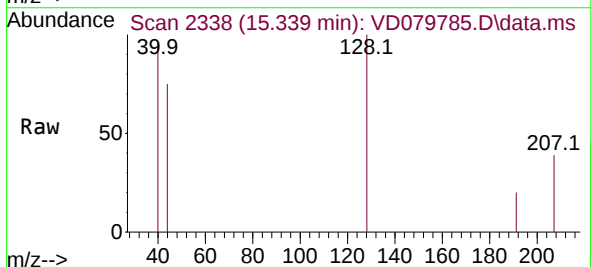
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:180 Resp: 363
Ion Ratio Lower Upper
180 100
182 119.3 46.9 140.7
145 0.0 14.0 41.9#



#95
Naphthalene
Concen: 3.513 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.011 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07



Tgt Ion:128 Resp: 1551
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.5 12.7#

