

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079476.D
 Acq On : 31 Jul 2024 01:56
 Operator : RP/MD
 Sample : P3387-01
 Misc : 4.61G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 31 04:36:49 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)

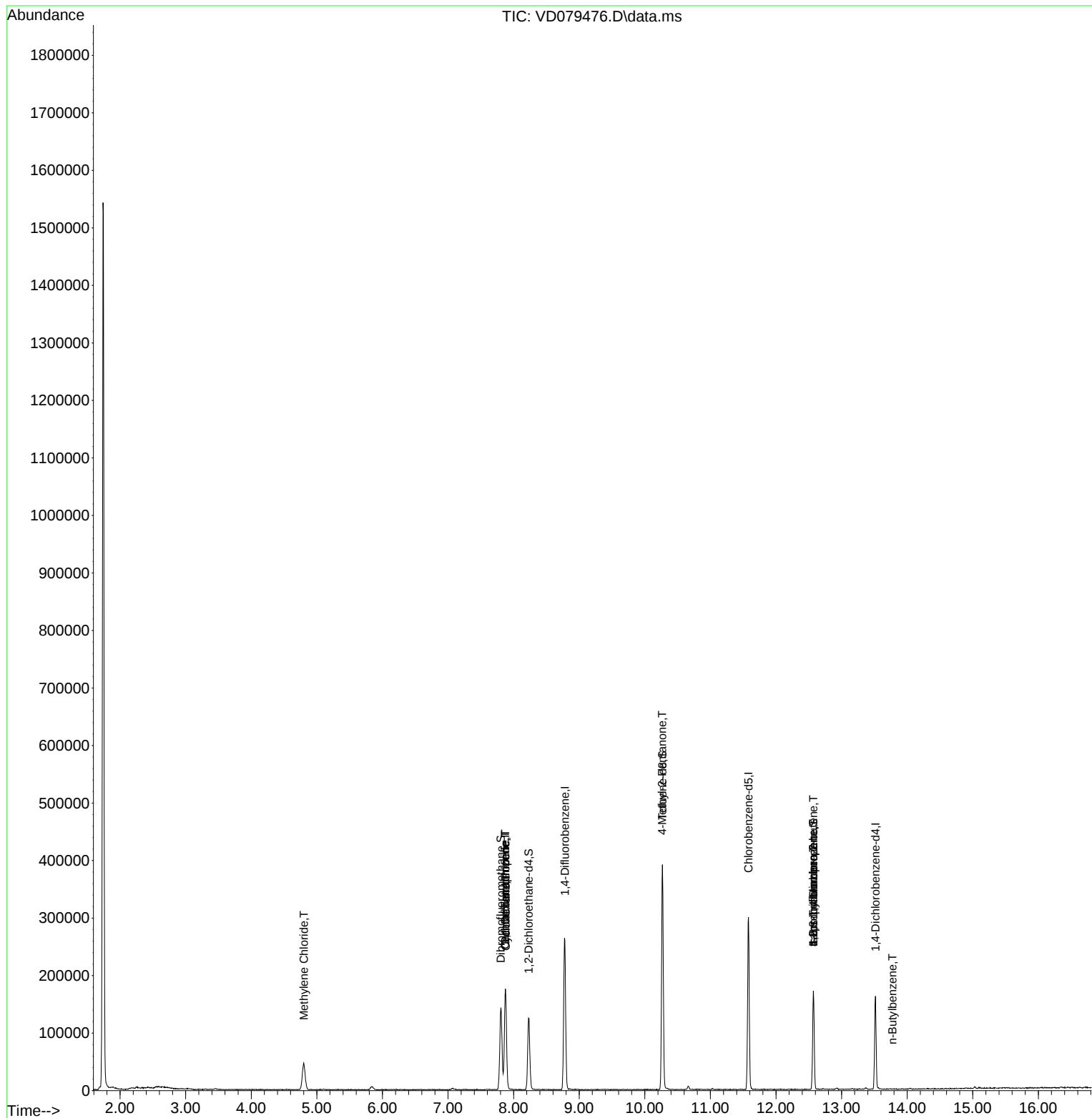
Internal Standards						
1) Pentafluorobenzene	7.875	168	140333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	250733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	184073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	46784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95783	67.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.380%	
35) Dibromofluoromethane	7.805	113	105174	61.974	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.940%	
50) Toluene-d8	10.269	98	285101	43.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 86.520%	
62) 4-Bromofluorobenzene	12.569	95	51630	27.072	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 54.140%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	600	Below Cal		90
20) Methylene Chloride	4.805	84	35845	2.483	ug/l	93
31) Cyclohexane	7.881	56	2836	1.198	ug/l #	55
36) 1,1-Dichloropropene	7.875	75	10190	4.399	ug/l #	48
38) Carbon Tetrachloride	7.869	117	13802	5.668	ug/l #	15
51) 4-Methyl-2-Pentanone	10.263	43	1127	1.237	ug/l #	1
73) Isopropylbenzene	12.569	105	55	3.642	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	24692	60.381	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	24692	115.162	ug/l #	19
89) n-Butylbenzene	13.775	91	166	3.833	ug/l #	34

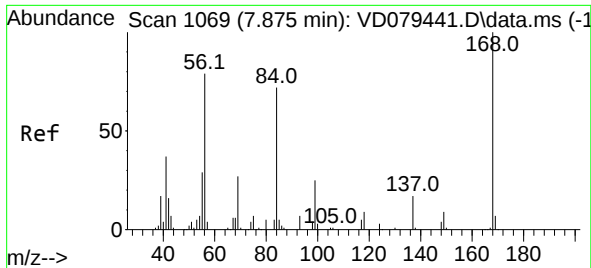
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 31 04:36:49 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

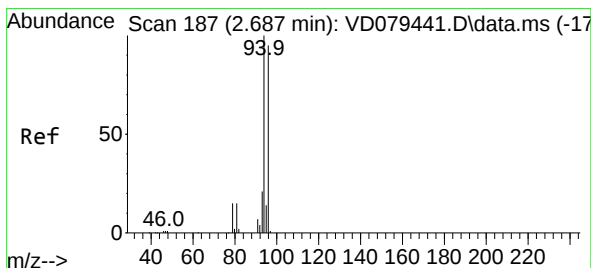
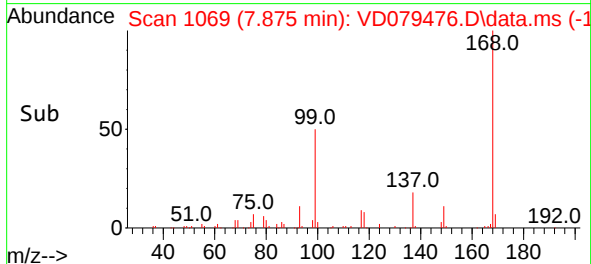
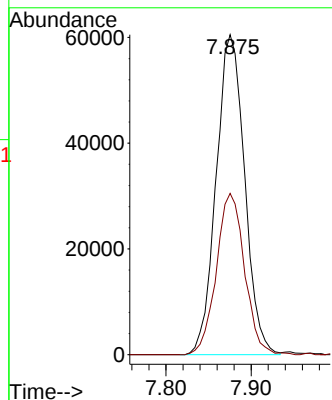
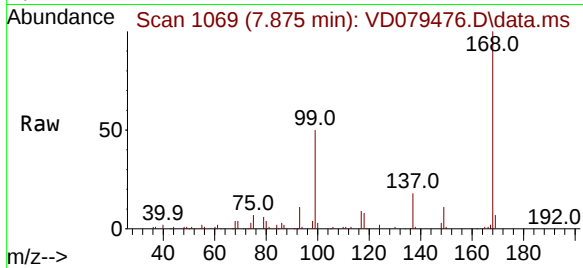




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56

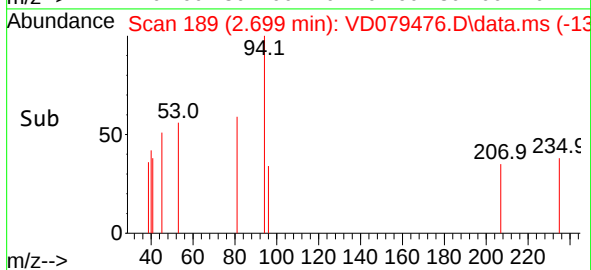
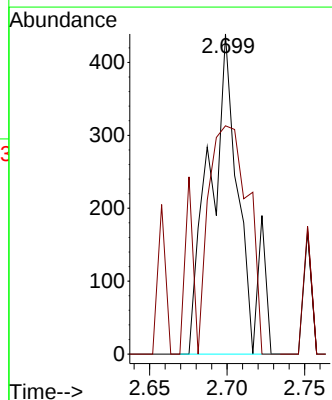
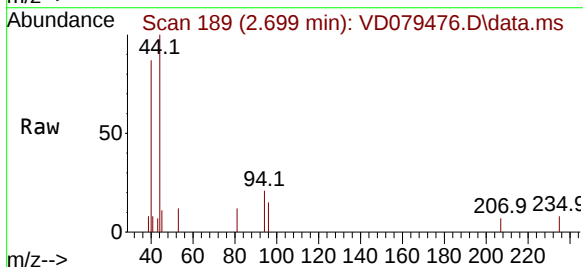
Instrument :
MSVOA_D
ClientSampleId :

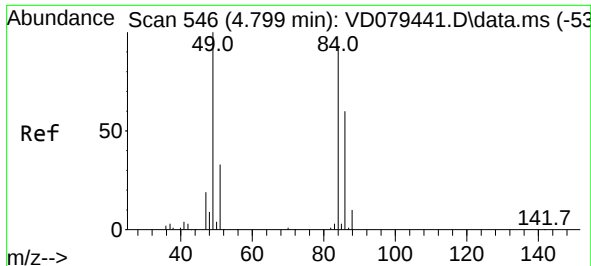
Tgt Ion:168 Resp: 140333
Ion Ratio Lower Upper
168 100
99 50.4 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56

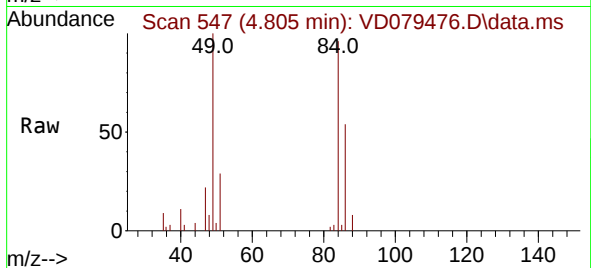
Tgt Ion: 94 Resp: 600
Ion Ratio Lower Upper
94 100
96 106.3 76.9 115.3



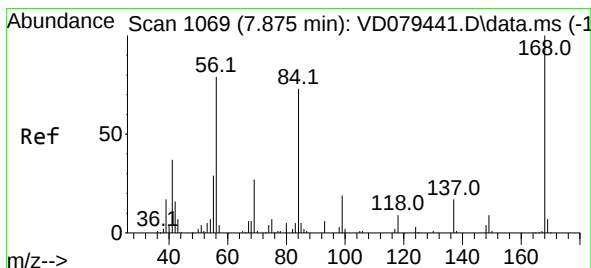
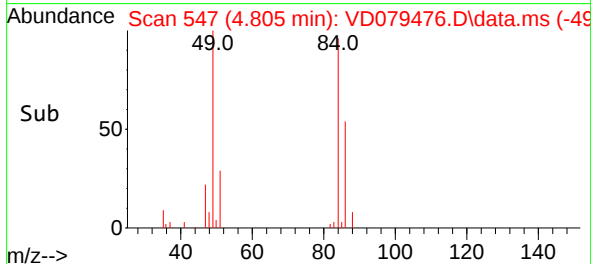
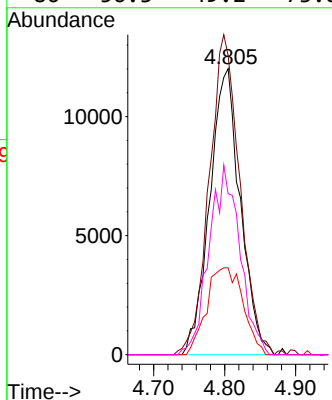


#20
Methylene Chloride
Concen: 2.483 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56

Instrument :
MSVOA_D
ClientSampleId :

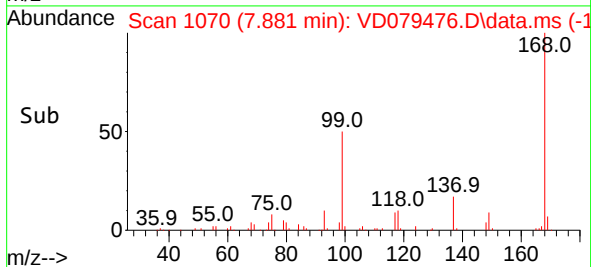
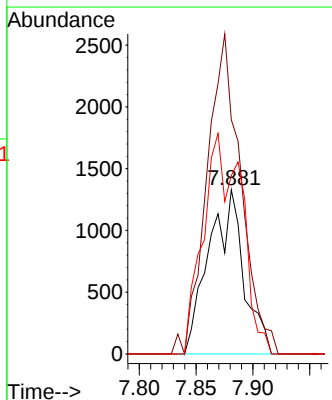
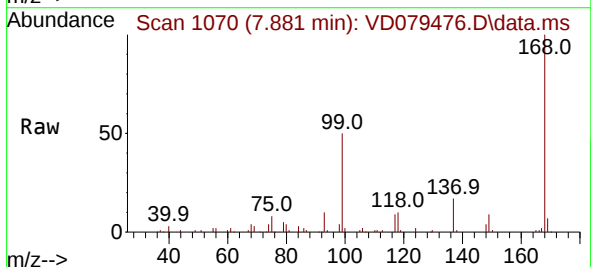


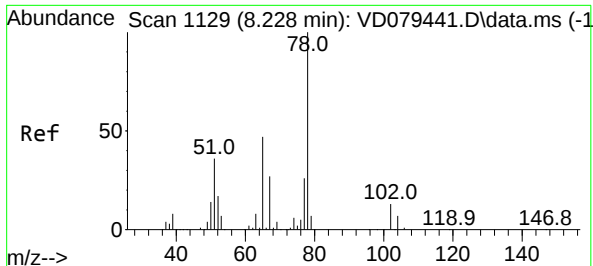
Tgt Ion: 84	Resp: 35845		
Ion	Ratio	Lower	Upper
84	100		
49	103.2	75.6	113.4
51	30.4	24.2	36.2
86	56.3	49.2	73.8



#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56

Tgt Ion: 56	Resp: 2836		
Ion Ratio	Lower	Upper	
56	100		
69	142.7	28.0	42.0#
84	108.7	87.4	131.0

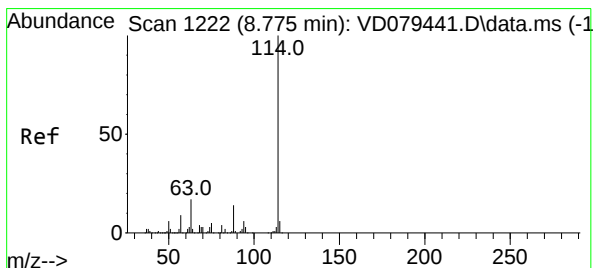
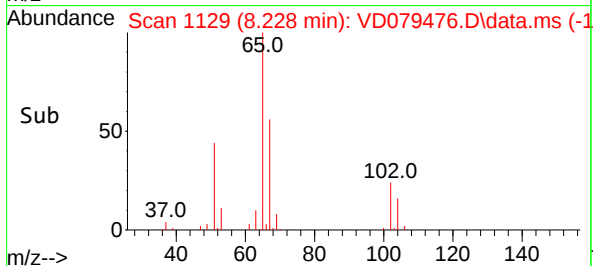
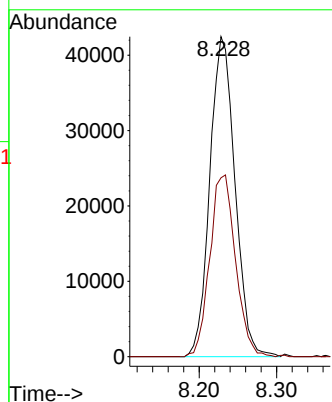
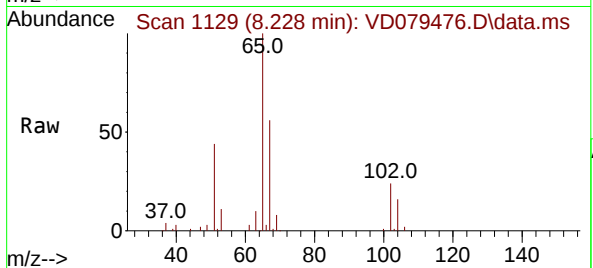




#33
 1,2-Dichloroethane-d4
 Concen: 67.185 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD079476.D
 Acq: 31 Jul 2024 01:56

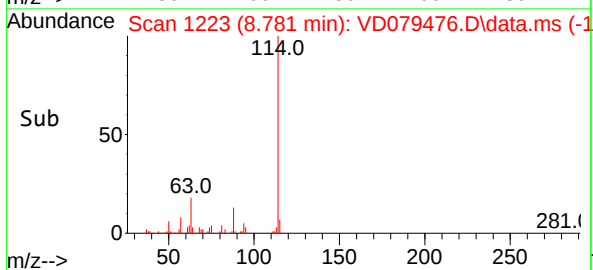
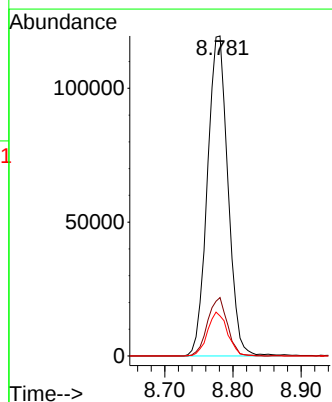
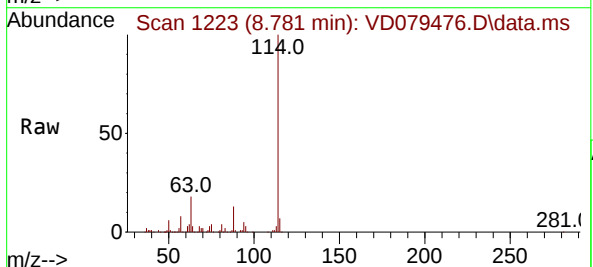
Instrument :
 MSVOA_D
 ClientSampleId :

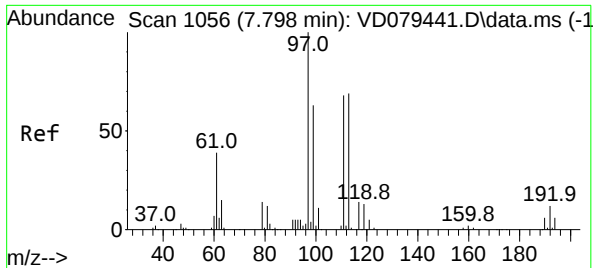
Tgt Ion: 65 Resp: 95783
 Ion Ratio Lower Upper
 65 100
 67 58.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD079476.D
 Acq: 31 Jul 2024 01:56

Tgt Ion:114 Resp: 250733
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.0
 88 12.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 61.974 ug/l

RT: 7.805 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD079476.D

Acq: 31 Jul 2024 01:56

Instrument :

MSVOA_D

ClientSampleId :

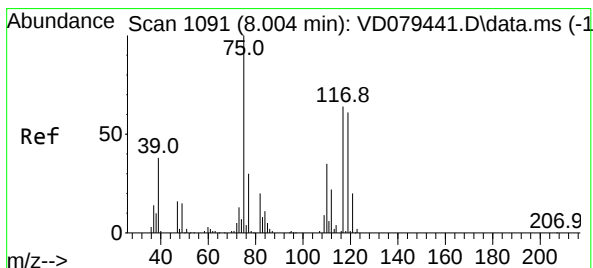
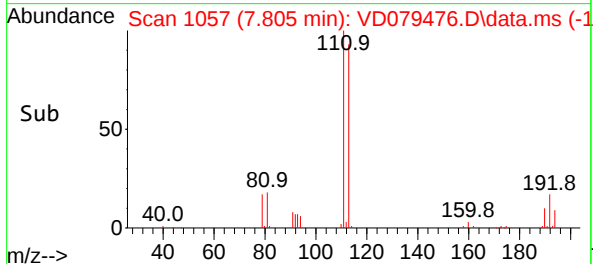
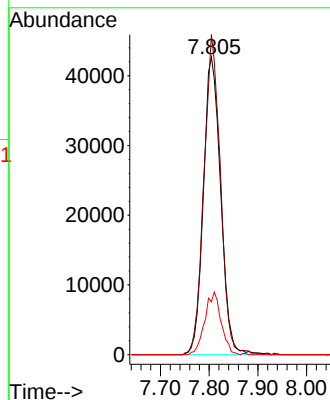
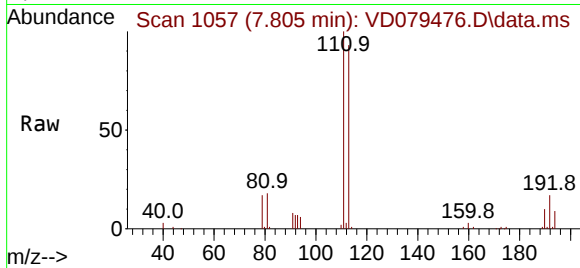
Tgt Ion:113 Resp: 105174

Ion Ratio Lower Upper

113 100

111 102.9 84.0 126.0

192 19.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.399 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD079476.D

Acq: 31 Jul 2024 01:56

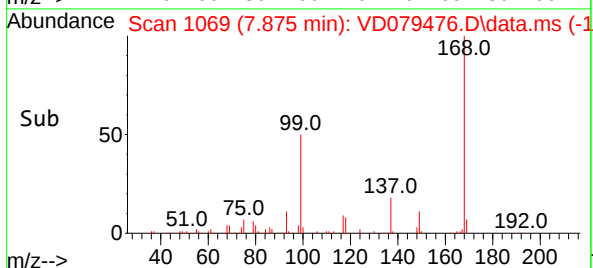
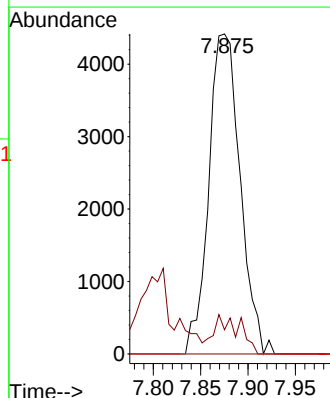
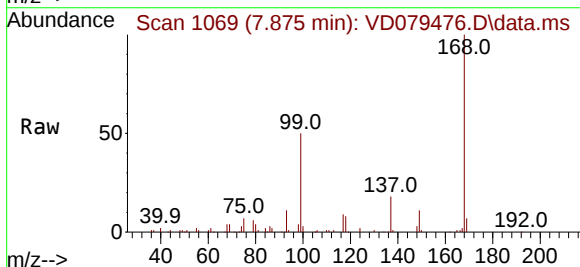
Tgt Ion: 75 Resp: 10190

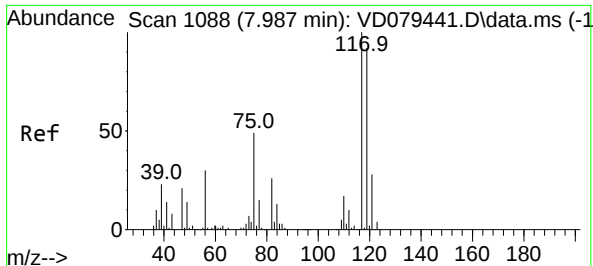
Ion Ratio Lower Upper

75 100

110 10.1 19.6 58.7#

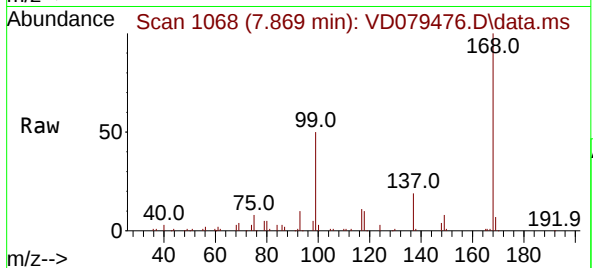
77 0.0 26.1 39.1#



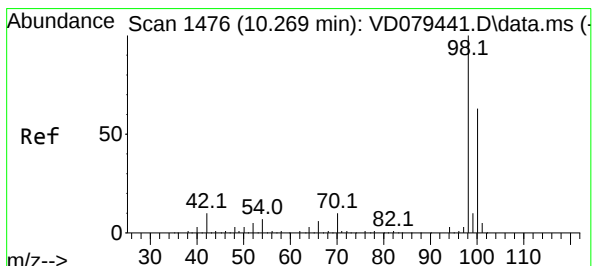
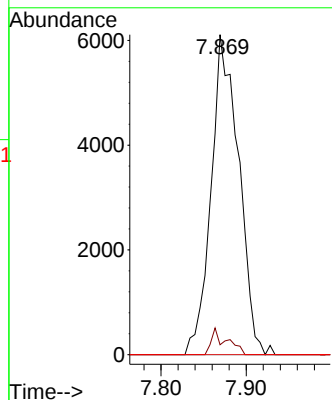
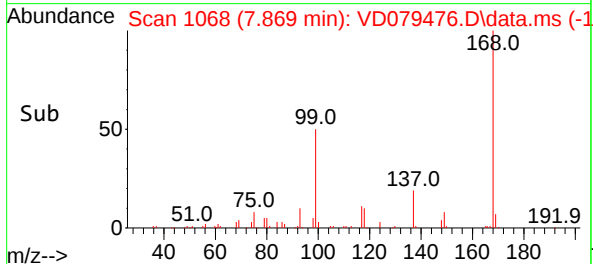


#38
Carbon Tetrachloride
Concen: 5.668 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56

Instrument :
MSVOA_D
ClientSampleId :

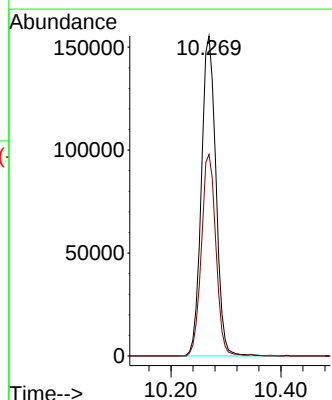
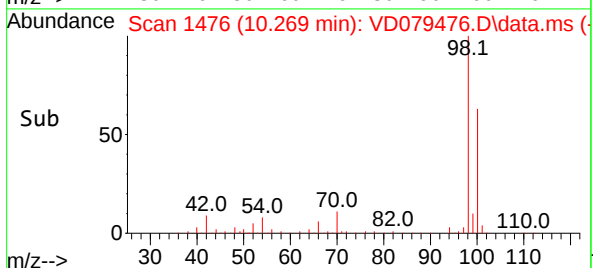
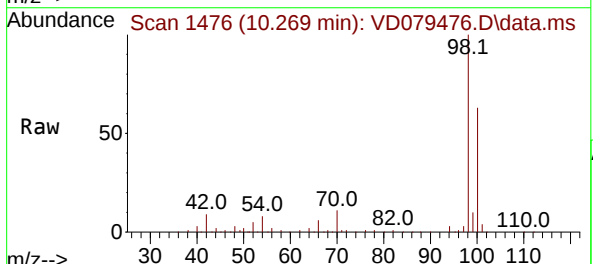


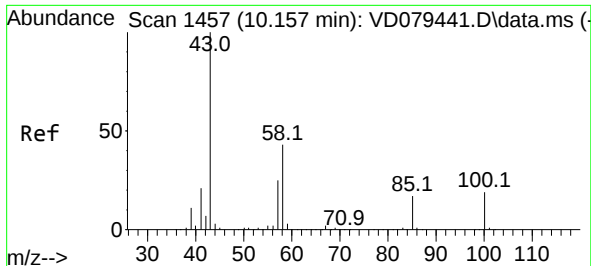
Tgt Ion:117 Resp: 13802
Ion Ratio Lower Upper
117 100
119 3.1 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 43.260 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56

Tgt Ion: 98 Resp: 285101
Ion Ratio Lower Upper
98 100
100 62.8 51.6 77.4

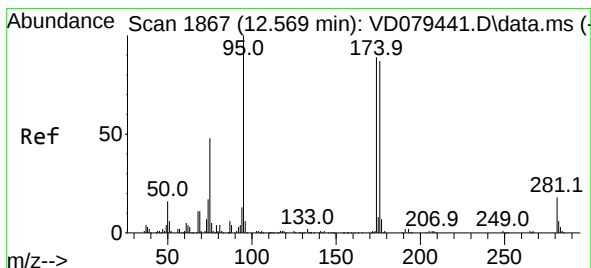
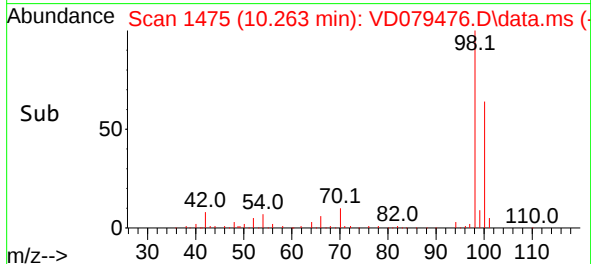
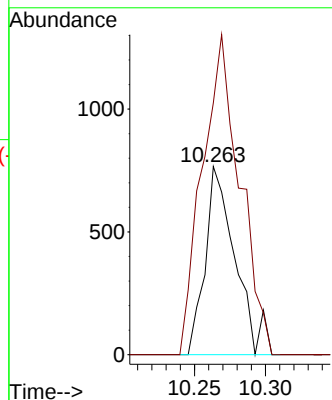
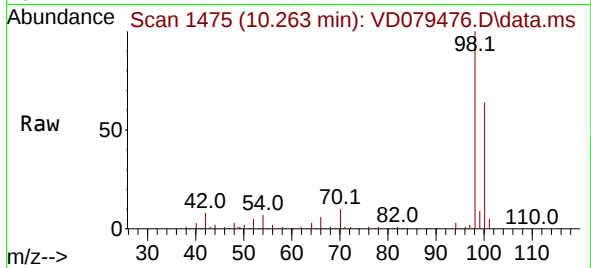




#51
4-Methyl-2-Pentanone
Concen: 1.237 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56

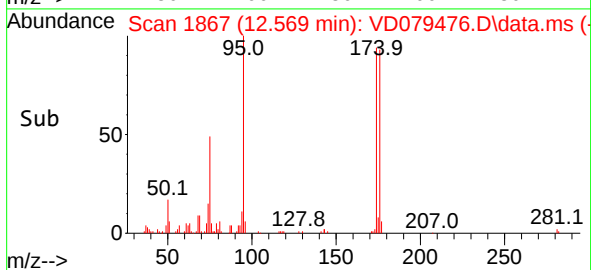
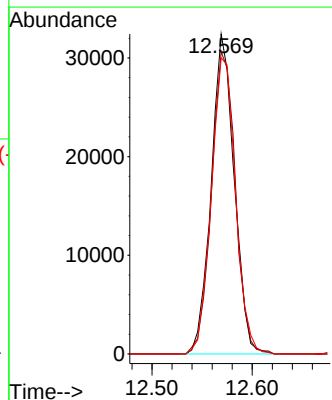
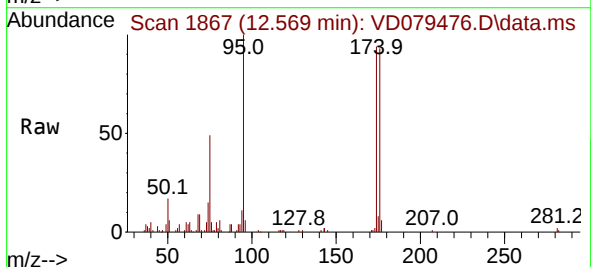
Instrument :
MSVOA_D
ClientSampleId :

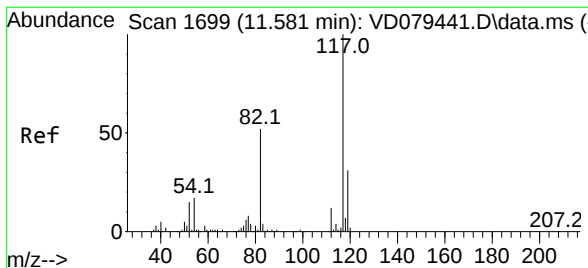
Tgt Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
58 212.6 36.6 55.0#



#62
4-Bromofluorobenzene
Concen: 27.072 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56

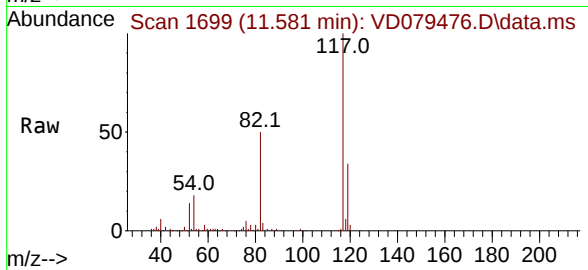
Tgt Ion: 95 Resp: 51630
Ion Ratio Lower Upper
95 100
174 97.6 0.0 195.4
176 97.3 0.0 192.6



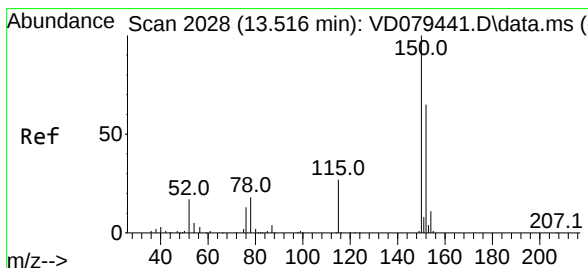
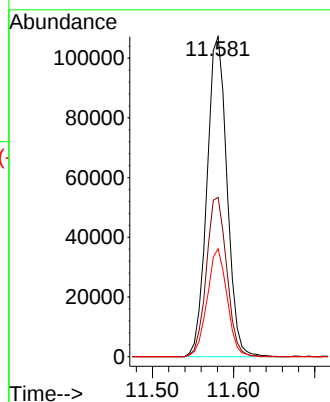
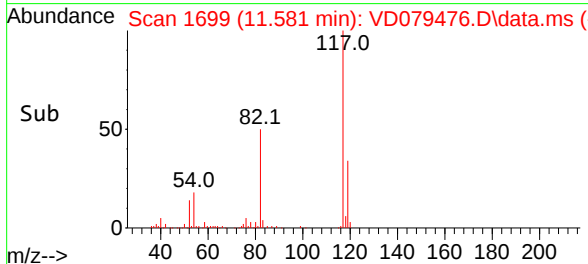


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56

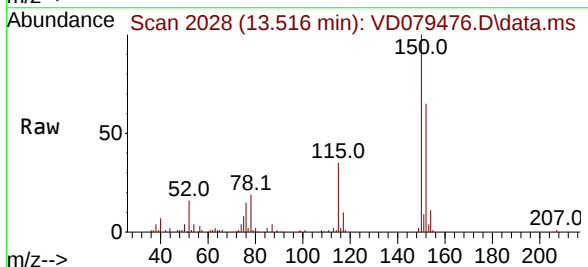
Instrument :
MSVOA_D
ClientSampleId :



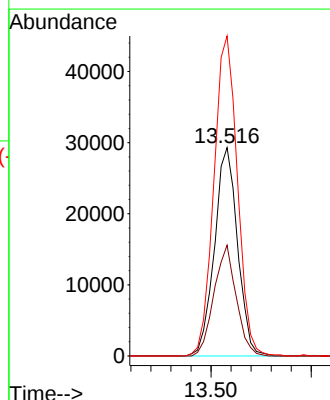
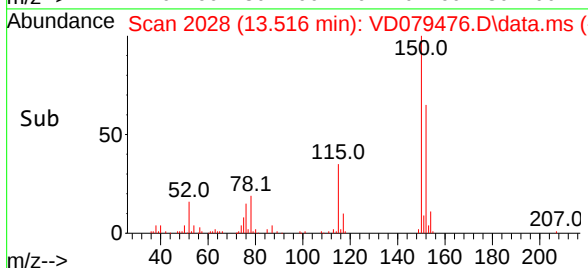
Tgt Ion:117 Resp: 184073
Ion Ratio Lower Upper
117 100
82 49.8 39.8 59.6
119 33.7 25.7 38.5

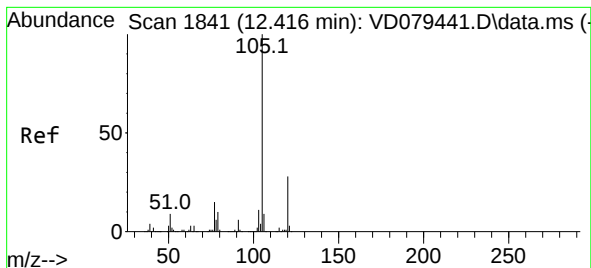


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56



Tgt Ion:152 Resp: 46784
Ion Ratio Lower Upper
152 100
115 51.3 26.5 79.5
150 156.3 0.0 341.6





#73

Isopropylbenzene

Concen: 3.642 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.153 min

Lab File: VD079476.D

Acq: 31 Jul 2024 01:56

Instrument :

MSVOA_D

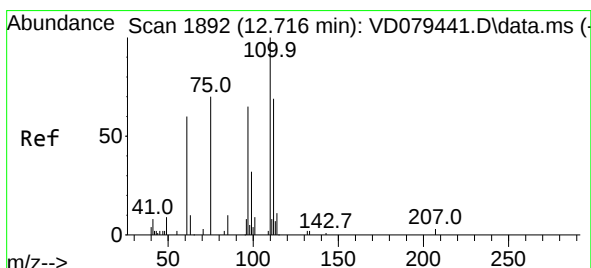
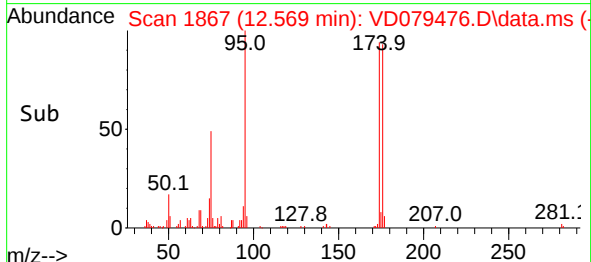
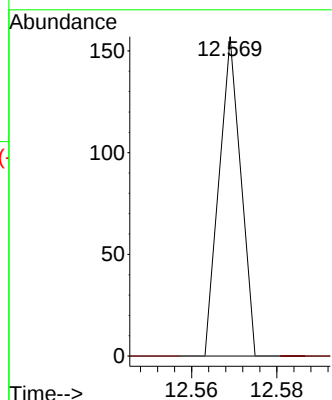
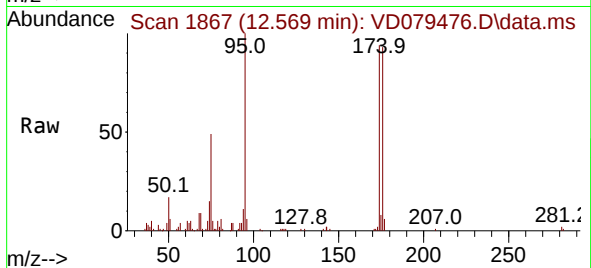
ClientSampleId :

Tgt Ion:105 Resp: 55

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



#76

1,2,3-Trichloropropane

Concen: 60.381 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079476.D

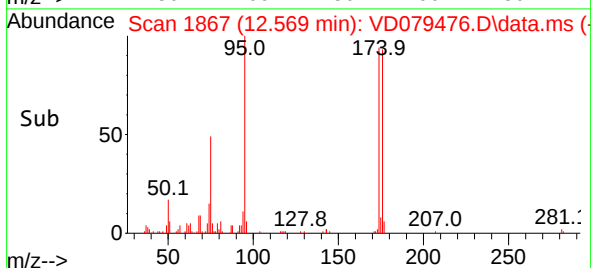
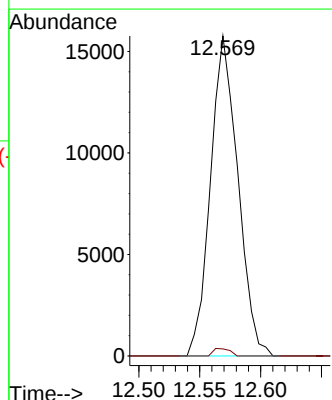
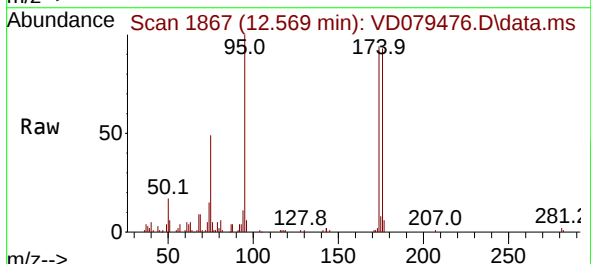
Acq: 31 Jul 2024 01:56

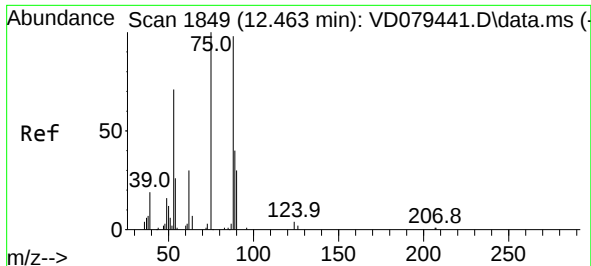
Tgt Ion: 75 Resp: 24692

Ion Ratio Lower Upper

75 100

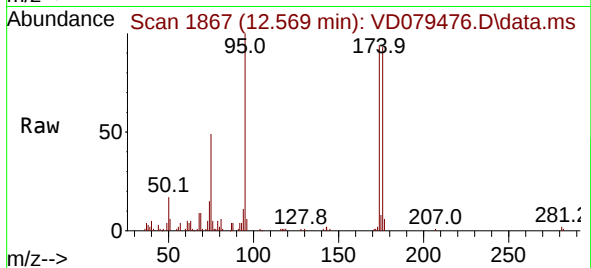
77 1.4 0.0 0.0#



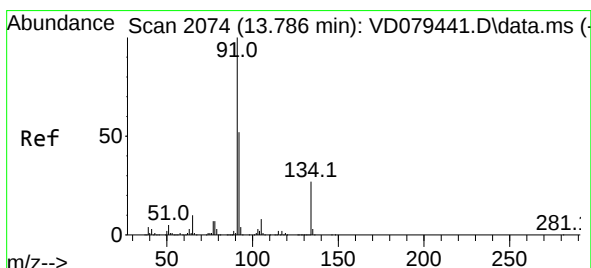
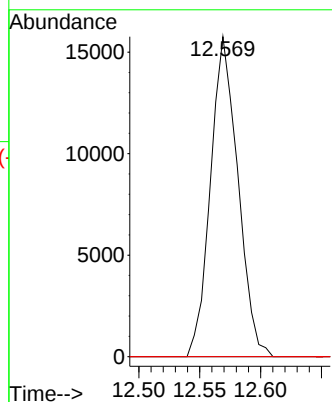
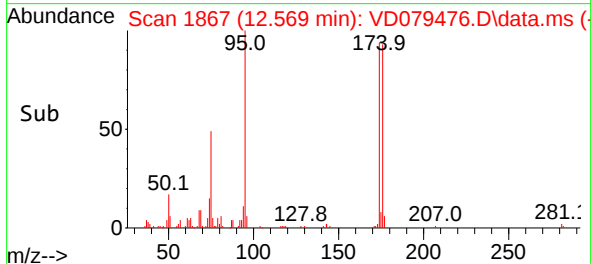


#81
trans-1,4-Dichloro-2-butene
Concen: 115.162 ug/l
RT: 12.569 min Scan# 1849
Delta R.T. 0.100 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 24692
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#



#89
n-Butylbenzene
Concen: 3.833 ug/l
RT: 13.775 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56

Tgt Ion: 91 Resp: 166
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.0#
134 0.0 13.6 40.8#

