

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079586.D
 Acq On : 05 Aug 2024 17:44
 Operator : RP/MD
 Sample : P3442-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 06 02:47:56 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)

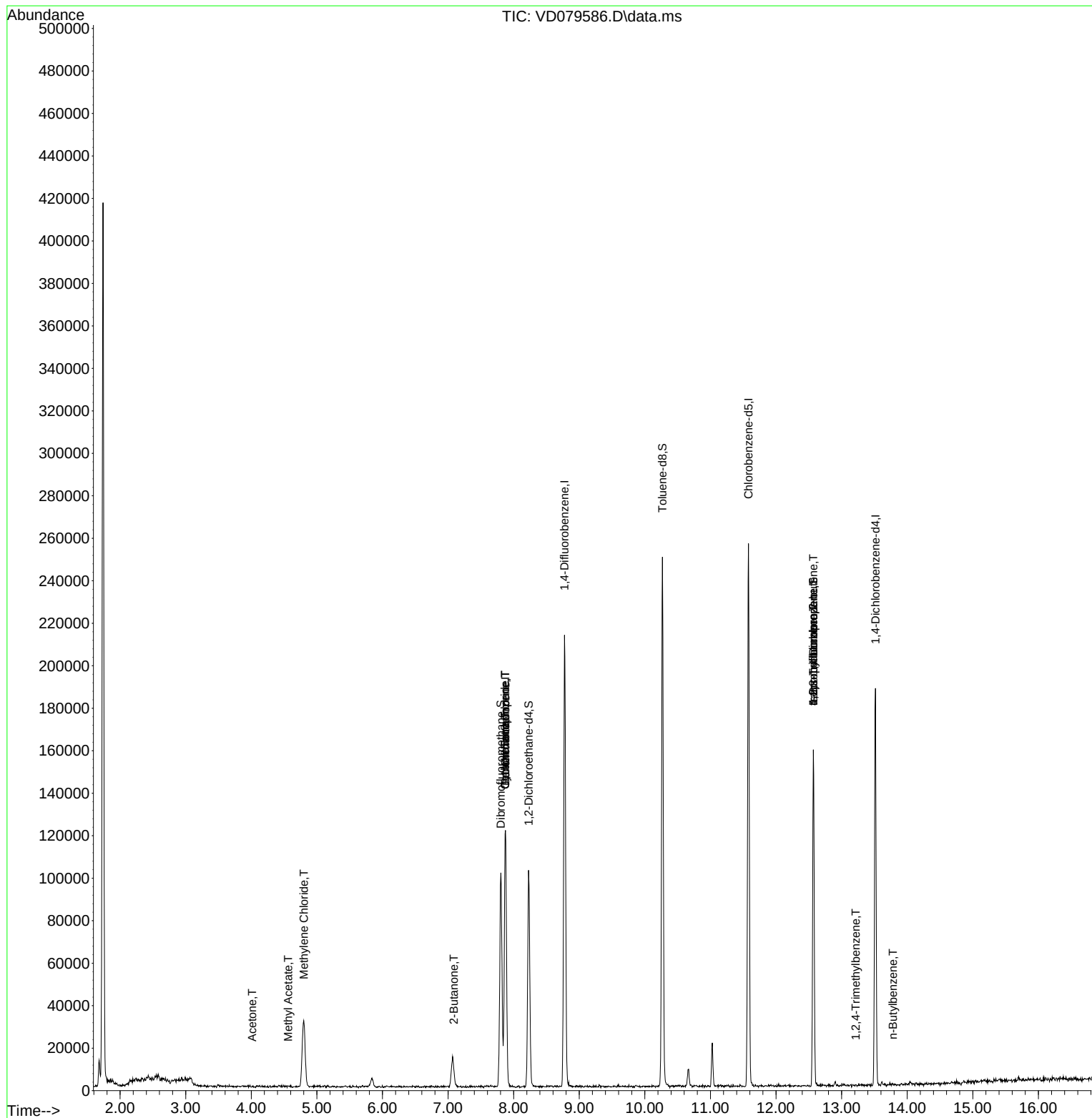
Internal Standards						
1) Pentafluorobenzene	7.875	168	96825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	193272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	154046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	52208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77790	79.083	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 158.160%			
35) Dibromofluoromethane	7.804	113	74609	57.034	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.060%			
50) Toluene-d8	10.269	98	177300	34.901	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 69.800%			
62) 4-Bromofluorobenzene	12.569	95	48140	32.747	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 65.500%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.693	94	364	Below Cal	#	55
16) Acetone	4.016	43	229	1.198	ug/l #	37
18) Methyl Acetate	4.563	43	892	1.503	ug/l #	40
20) Methylene Chloride	4.805	84	26013	4.011	ug/l	87
25) 2-Butanone	7.087	43	461	1.701	ug/l #	42
31) Cyclohexane	7.869	56	2033	1.244	ug/l #	44
36) 1,1-Dichloropropene	7.875	75	8134	4.556	ug/l #	46
38) Carbon Tetrachloride	7.869	117	9801	5.222	ug/l #	17
73) Isopropylbenzene	12.569	105	59	3.642	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	23527	51.555	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	23527	98.329	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.216	105	157	3.473	ug/l #	29
89) n-Butylbenzene	13.781	91	70	3.801	ug/l #	34

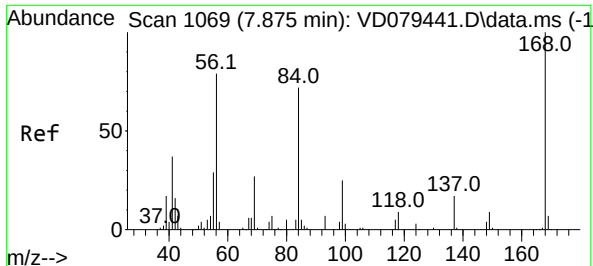
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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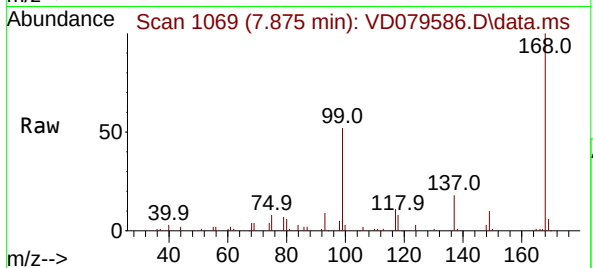
Quant Time: Aug 06 02:47:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



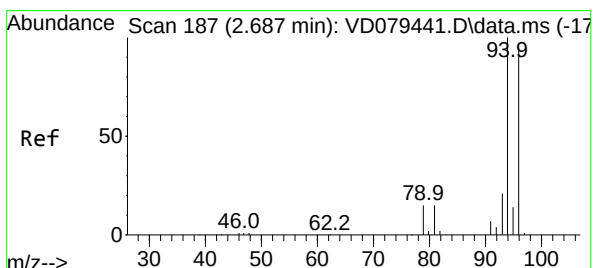
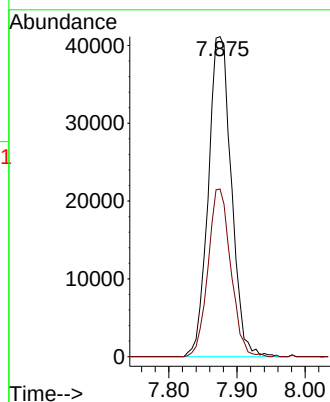
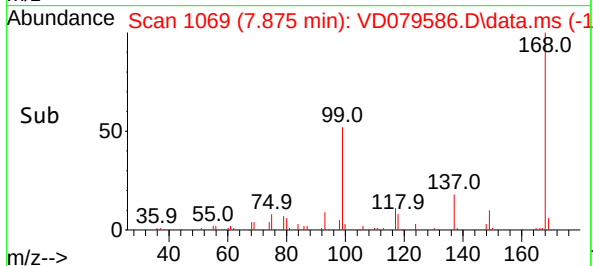


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44

Instrument :
MSVOA_D
ClientSampleId :

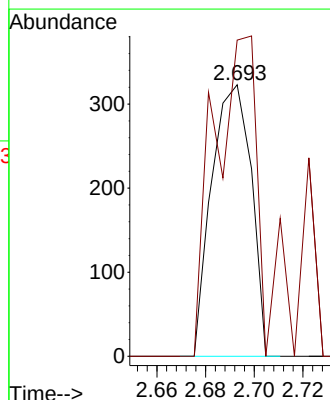
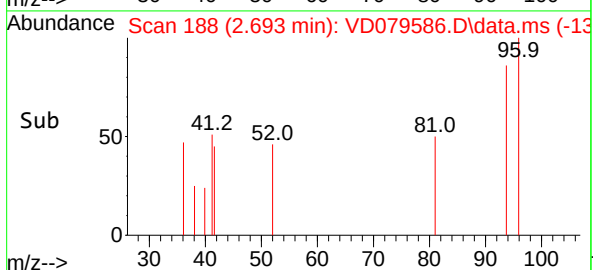
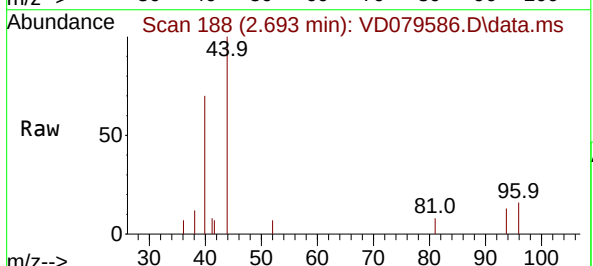


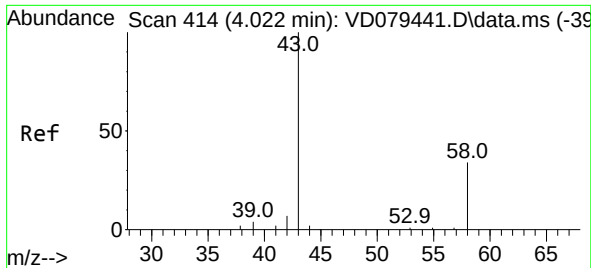
Tgt Ion:168 Resp: 96825
Ion Ratio Lower Upper
168 100
99 52.4 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44

Tgt Ion: 94 Resp: 364
Ion Ratio Lower Upper
94 100
96 140.4 76.9 115.3#

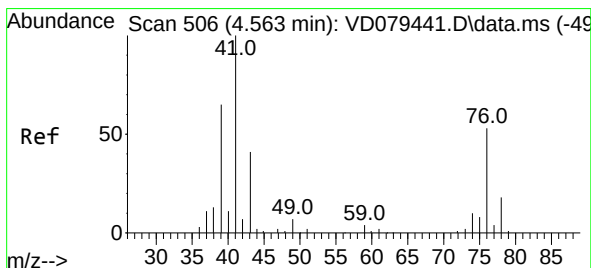
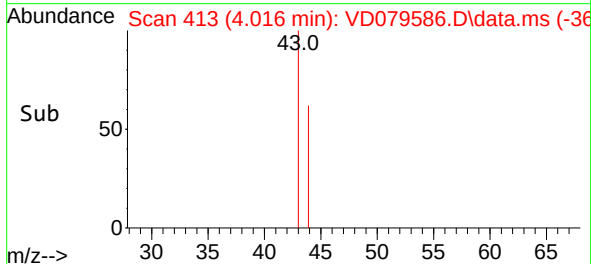
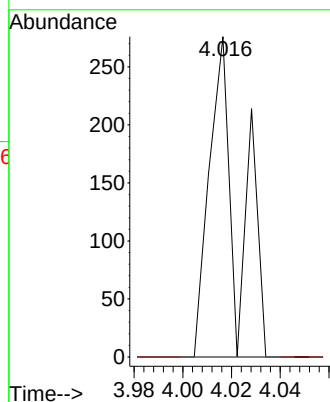
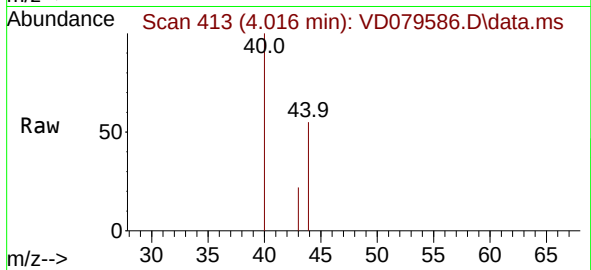




#16
Acetone
Concen: 1.198 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44

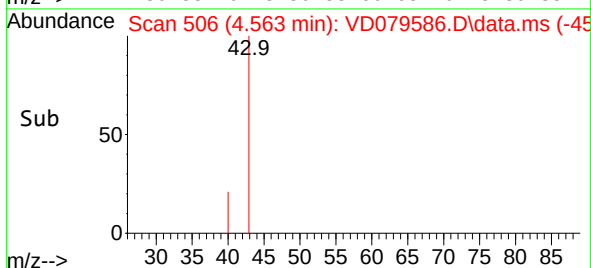
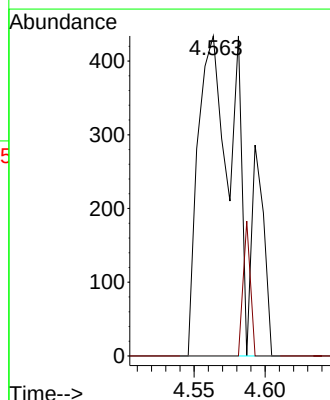
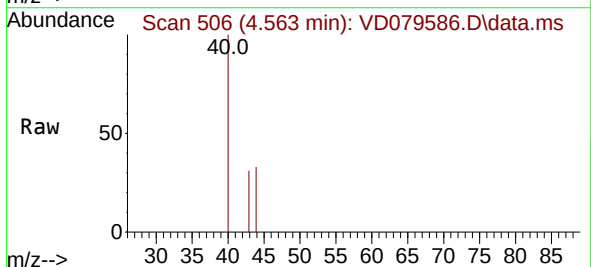
Instrument :
MSVOA_D
ClientSampleId :

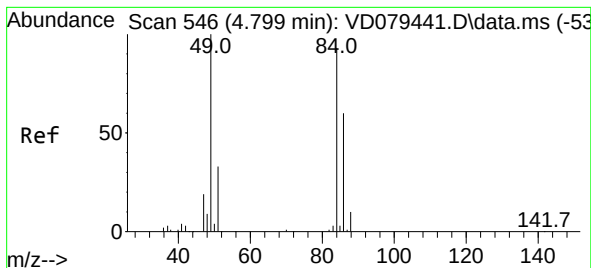
Tgt Ion: 43 Resp: 229
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#18
Methyl Acetate
Concen: 1.503 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44

Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
74 0.0 28.1 42.1#





#20

Methylene Chloride

Concen: 4.011 ug/l

RT: 4.805 min Scan# 546

Delta R.T. 0.006 min

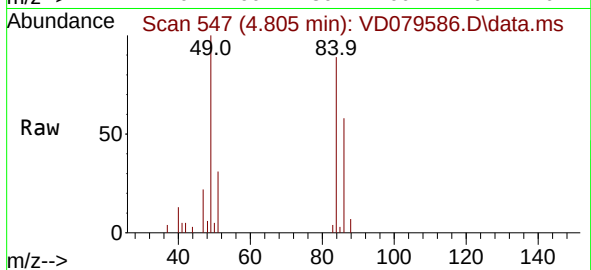
Lab File: VD079586.D

Acq: 05 Aug 2024 17:44

Instrument :

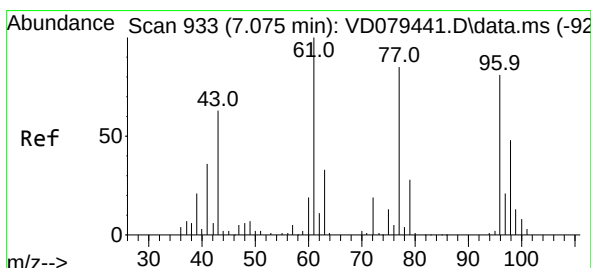
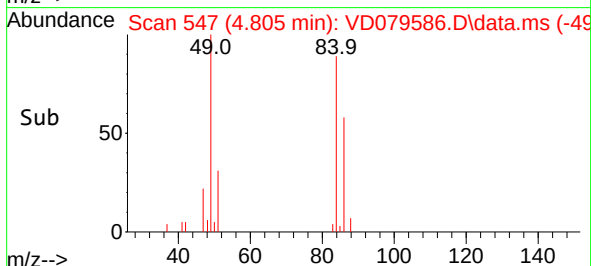
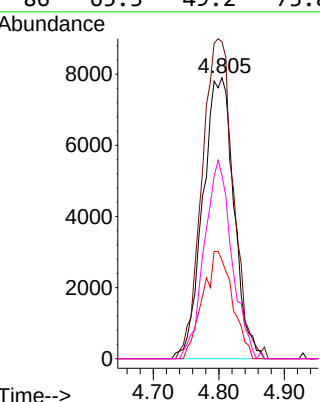
MSVOA_D

ClientSampleId :



Tgt Ion: 84 Resp: 26013

Ion	Ratio	Lower	Upper
84	100		
49	112.8	75.6	113.4
51	35.0	24.2	36.2
86	65.3	49.2	73.8



#25

2-Butanone

Concen: 1.701 ug/l

RT: 7.087 min Scan# 935

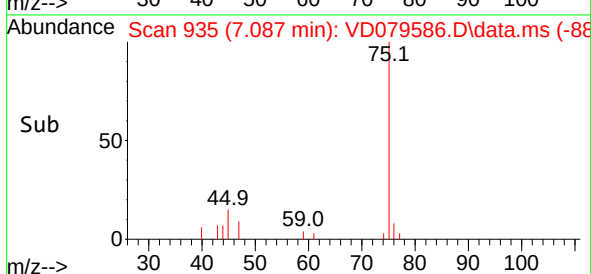
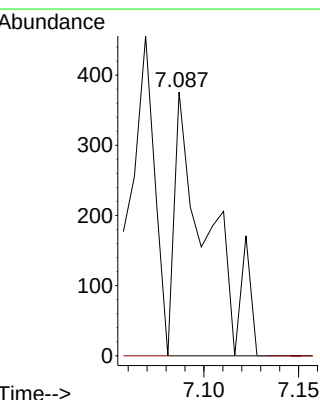
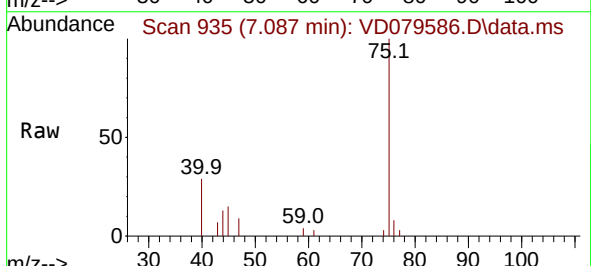
Delta R.T. -0.006 min

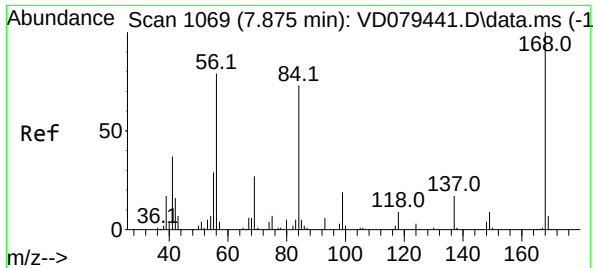
Lab File: VD079586.D

Acq: 05 Aug 2024 17:44

Tgt Ion: 43 Resp: 461

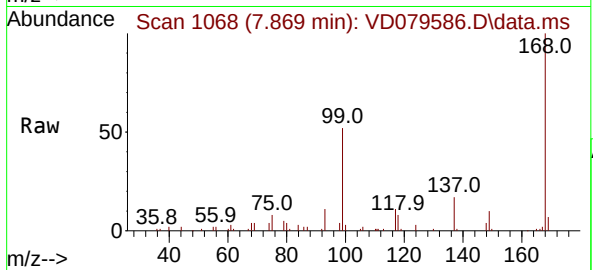
Ion	Ratio	Lower	Upper
43	100		
72	0.0	26.4	39.6#



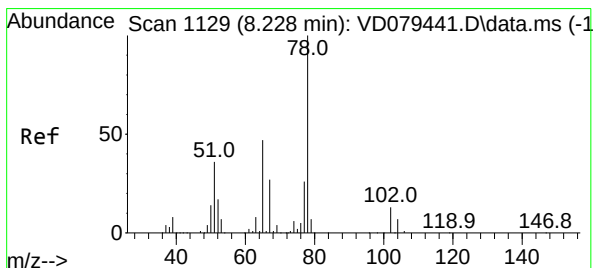
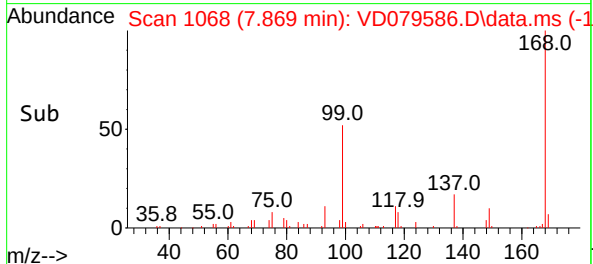
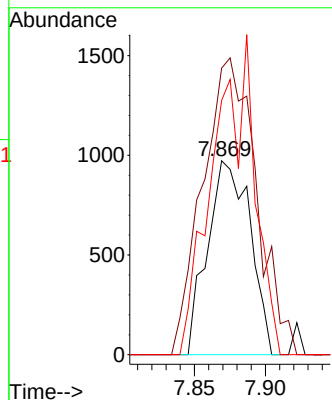


#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44

Instrument :
MSVOA_D
ClientSampleId :

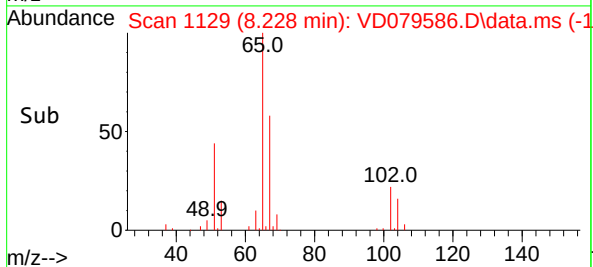
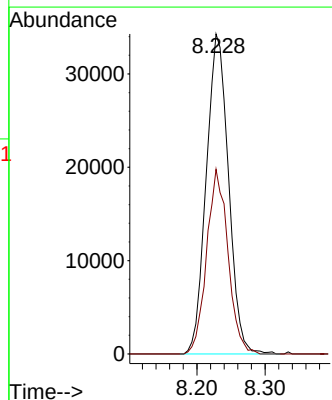
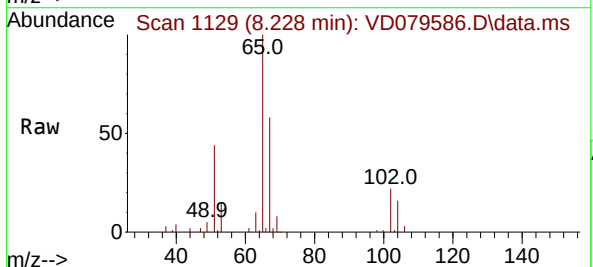


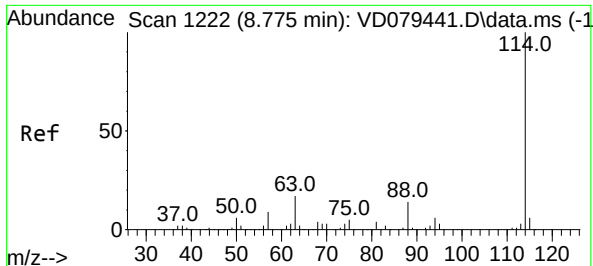
Tgt Ion: 56 Resp: 2033
Ion Ratio Lower Upper
56 100
69 131.7 28.0 42.0#
84 131.0 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 79.083 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44

Tgt Ion: 65 Resp: 77790
Ion Ratio Lower Upper
65 100
67 55.3 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: VD079586.D

Acq: 05 Aug 2024 17:44

Instrument :

MSVOA_D

ClientSampleId :

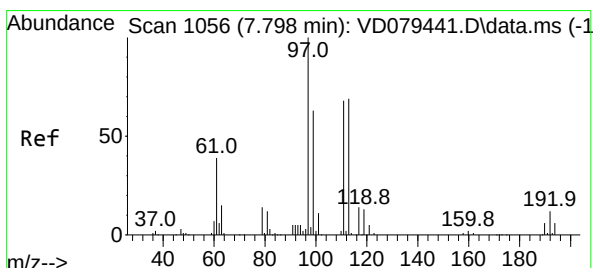
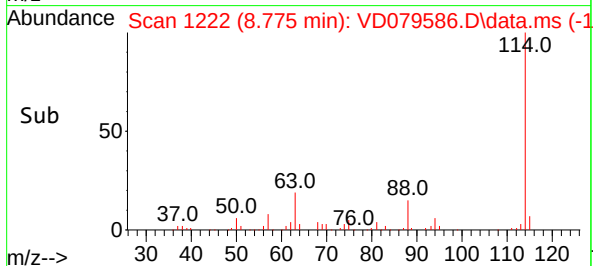
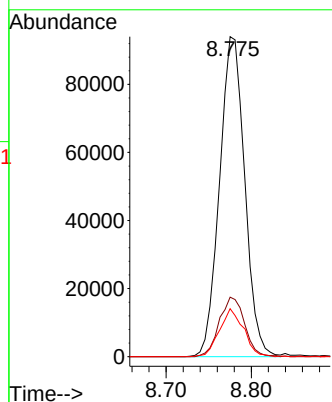
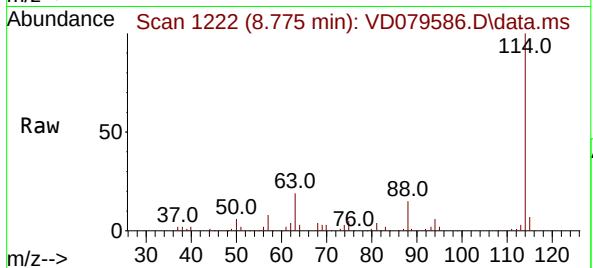
Tgt Ion:114 Resp: 193272

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 57.034 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079586.D

Acq: 05 Aug 2024 17:44

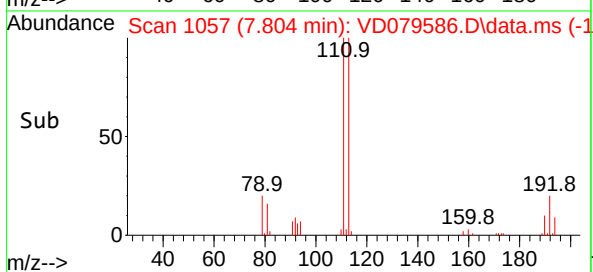
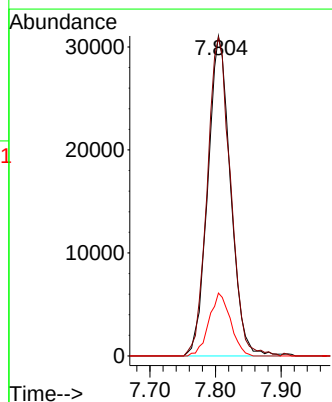
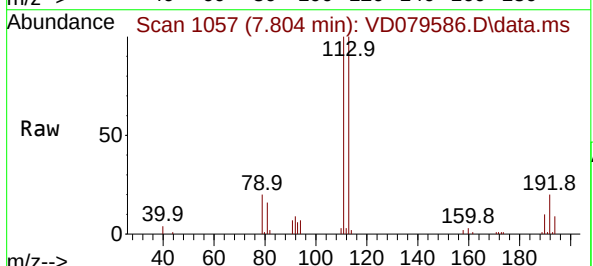
Tgt Ion:113 Resp: 74609

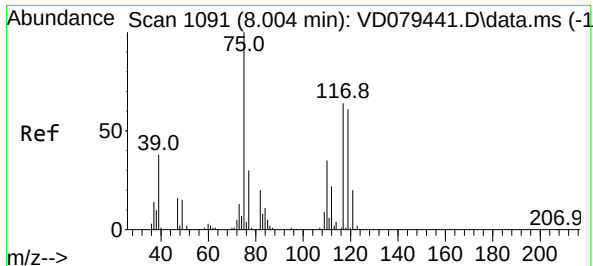
Ion Ratio Lower Upper

113 100

111 101.9 84.0 126.0

192 18.6 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.556 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

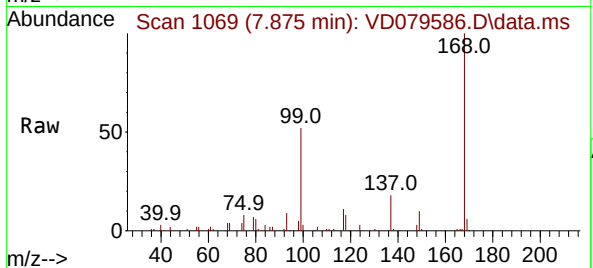
Lab File: VD079586.D

Acq: 05 Aug 2024 17:44

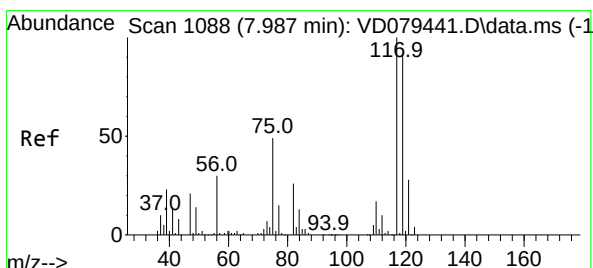
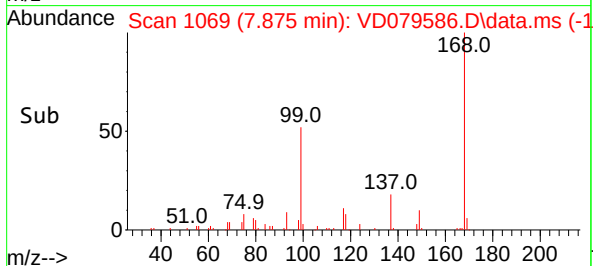
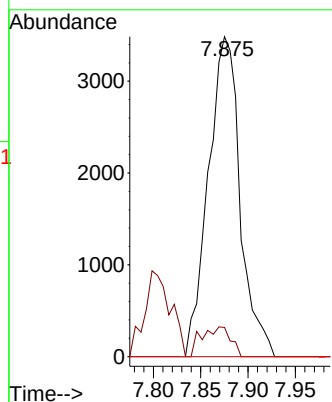
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	8134
Ion	Ratio	Lower	Upper
75	100		
110	8.5	19.6	58.7#
77	0.0	26.1	39.1#



#38

Carbon Tetrachloride

Concen: 5.222 ug/l

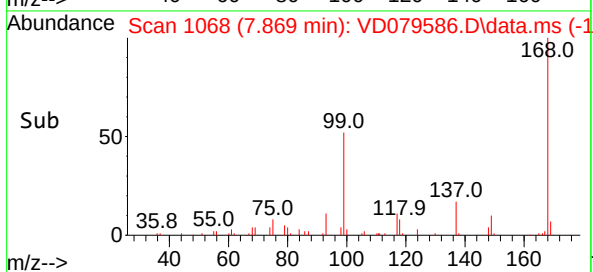
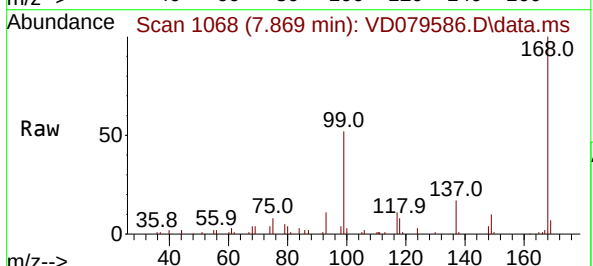
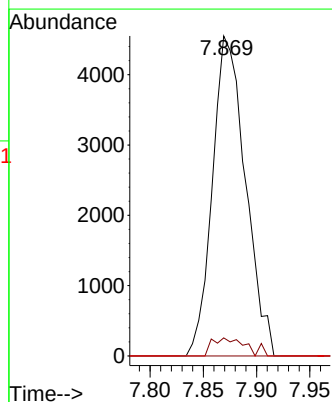
RT: 7.869 min Scan# 1068

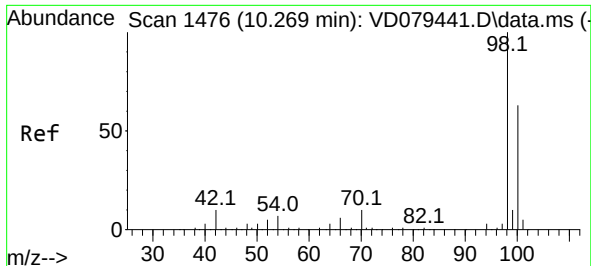
Delta R.T. -0.118 min

Lab File: VD079586.D

Acq: 05 Aug 2024 17:44

Tgt Ion:	117	Resp:	9801
Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.4	113.0#
121	0.0	25.0	37.4#

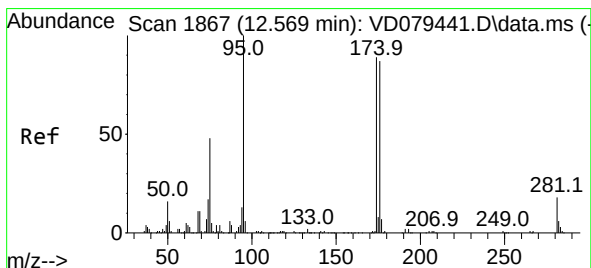
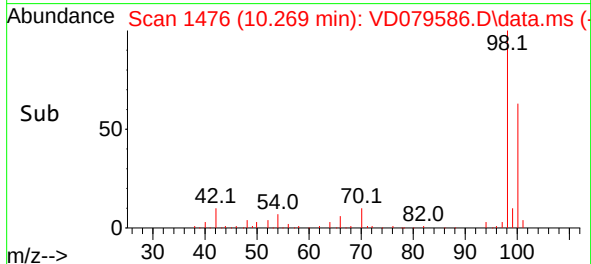
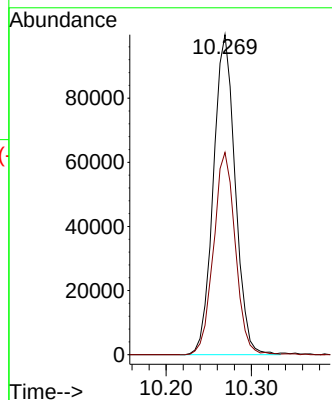
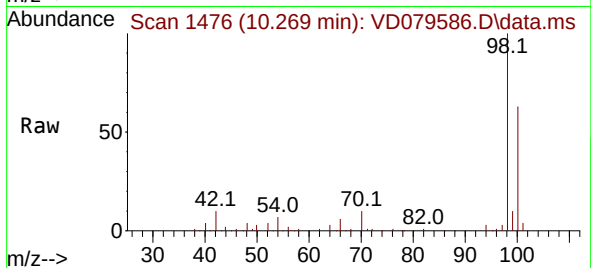




#50
Toluene-d8
Concen: 34.901 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44

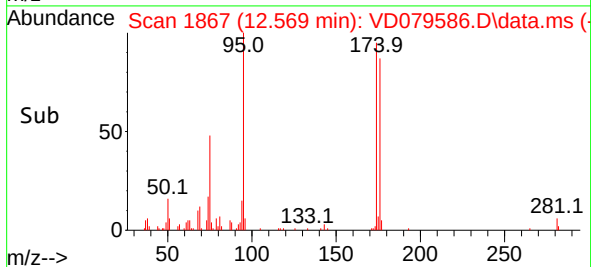
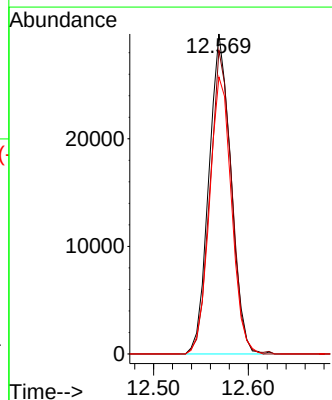
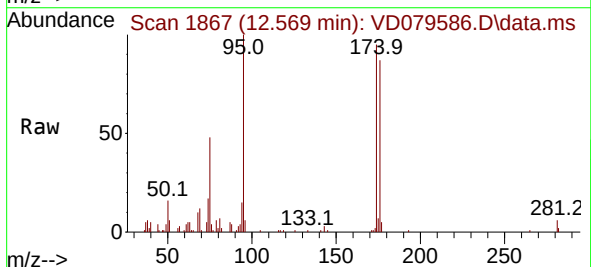
Instrument :
MSVOA_D
ClientSampleId :

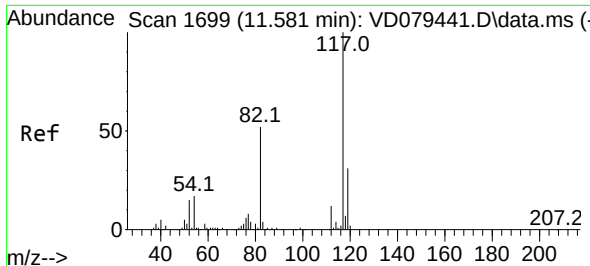
Tgt Ion: 98 Resp: 177300
Ion Ratio Lower Upper
98 100
100 63.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 32.747 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44

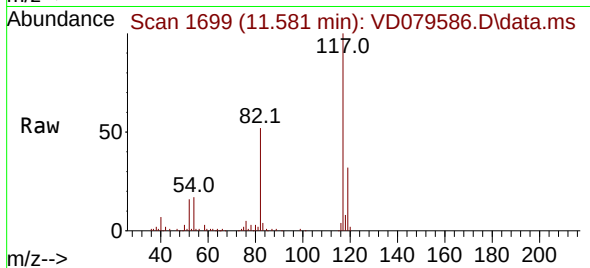
Tgt Ion: 95 Resp: 48140
Ion Ratio Lower Upper
95 100
174 93.0 0.0 195.4
176 86.4 0.0 192.6



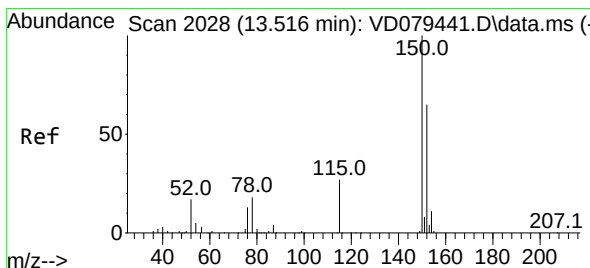
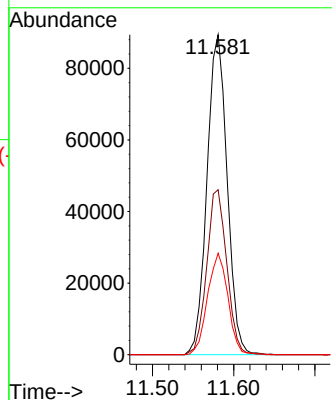
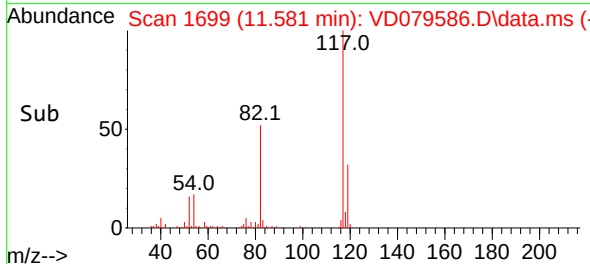


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44

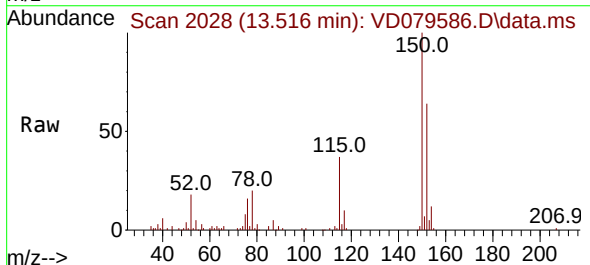
Instrument :
MSVOA_D
ClientSampleId :



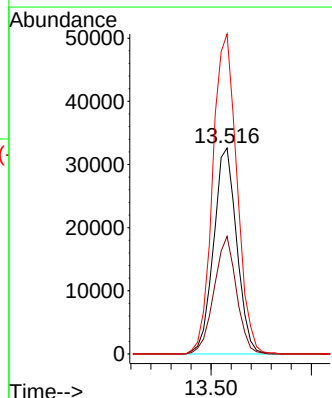
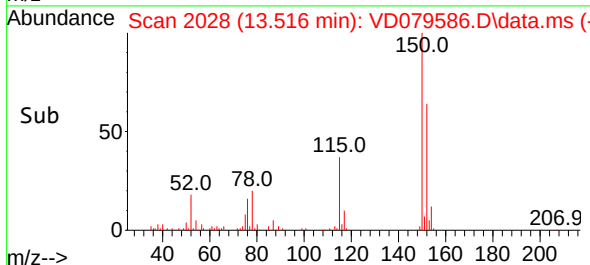
Tgt Ion:117 Resp: 154046
Ion Ratio Lower Upper
117 100
82 51.5 39.8 59.6
119 31.7 25.7 38.5

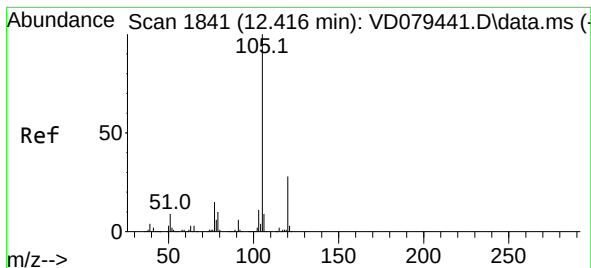


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44



Tgt Ion:152 Resp: 52208
Ion Ratio Lower Upper
152 100
115 55.3 26.5 79.5
150 162.5 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: VD079586.D

Acq: 05 Aug 2024 17:44

Instrument :

MSVOA_D

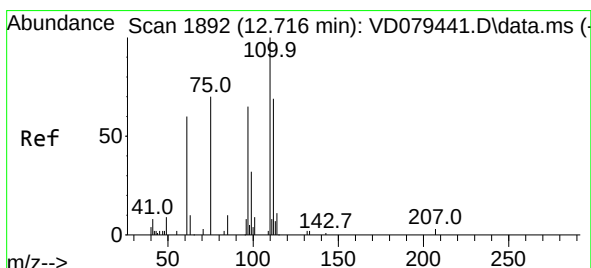
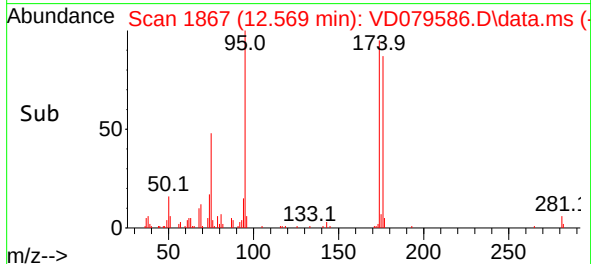
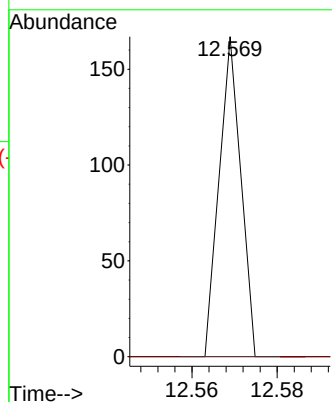
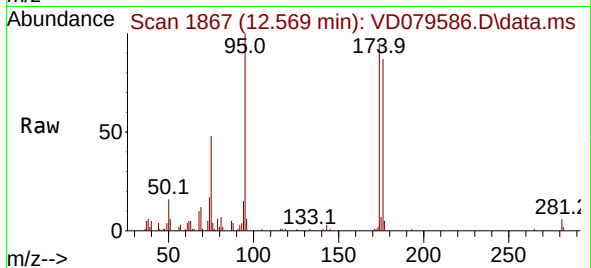
ClientSampleId :

Tgt Ion:105 Resp: 59

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



#76

1,2,3-Trichloropropane

Concen: 51.555 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079586.D

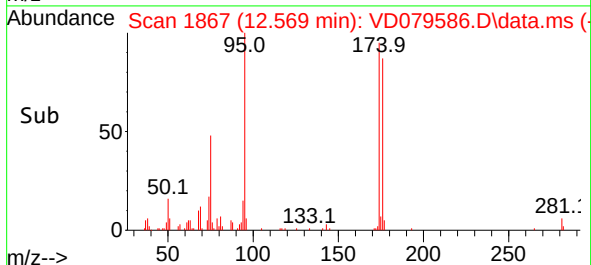
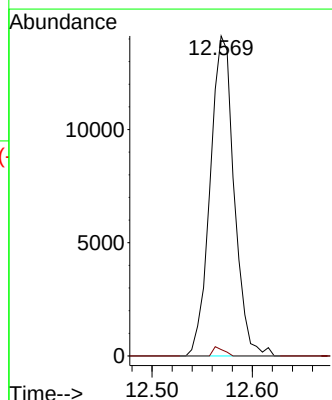
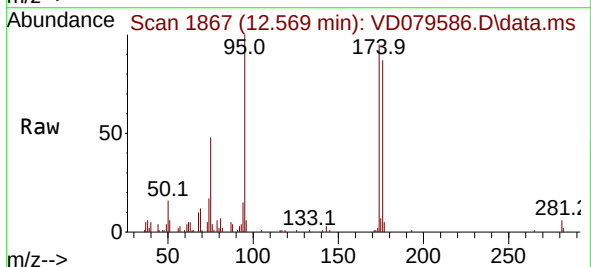
Acq: 05 Aug 2024 17:44

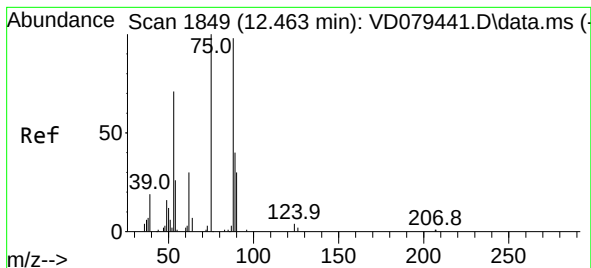
Tgt Ion: 75 Resp: 23527

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

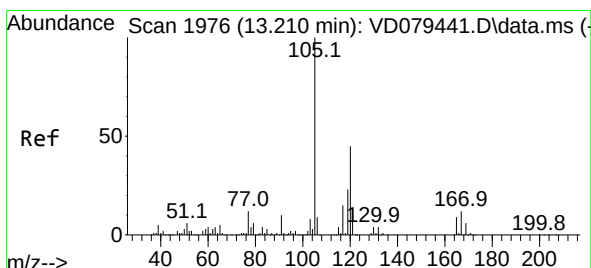
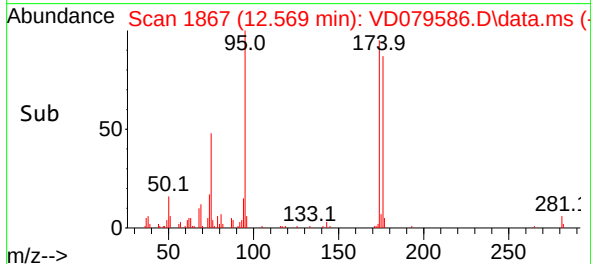
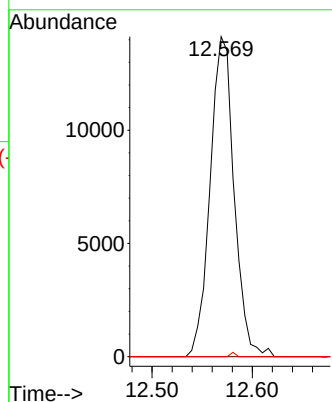
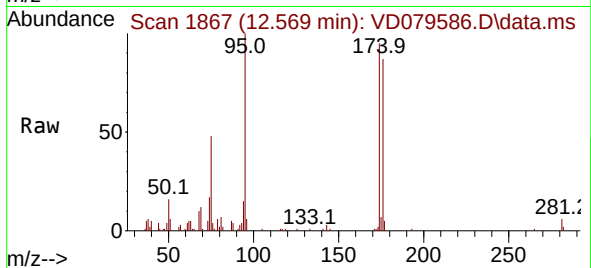




#81
trans-1,4-Dichloro-2-butene
Concen: 98.329 ug/l
RT: 12.569 min Scan# 1849
Delta R.T. 0.100 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44

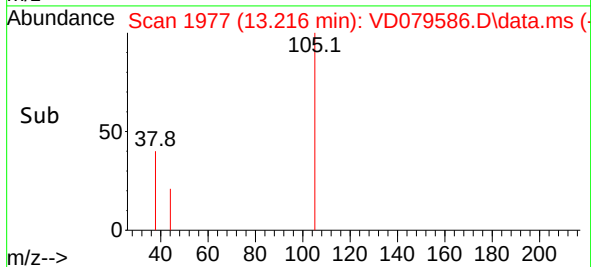
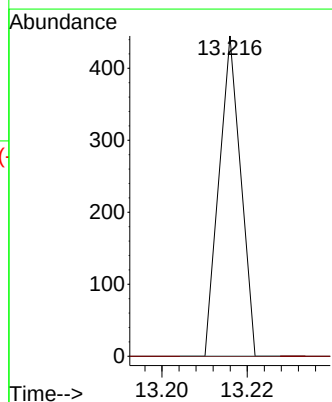
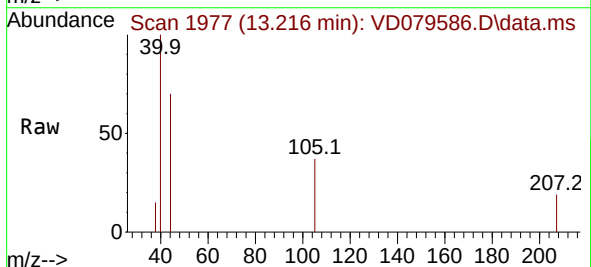
Instrument :
MSVOA_D
ClientSampleId :

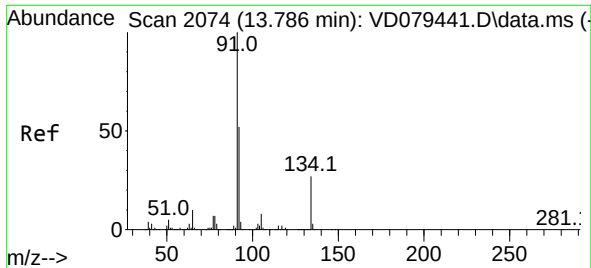
Tgt Ion: 75 Resp: 23527
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.3 35.4 53.0#



#84
1,2,4-Trimethylbenzene
Concen: 3.473 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.012 min
Lab File: VD079586.D
Acq: 05 Aug 2024 17:44

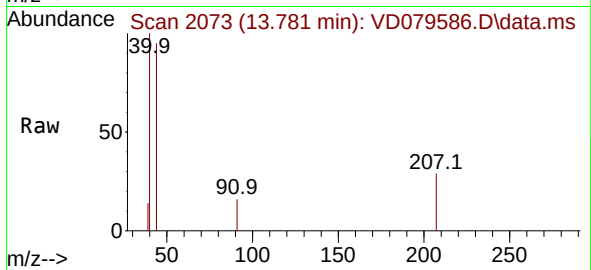
Tgt Ion: 105 Resp: 157
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#





#89
 n-Butylbenzene
 Concen: 3.801 ug/l
 RT: 13.781 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VD079586.D
 Acq: 05 Aug 2024 17:44

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	91	Resp:	70
Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.7	77.0#
134	0.0	13.6	40.8#

