

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079466.D
 Acq On : 30 Jul 2024 18:38
 Operator : RP/MD
 Sample : P3379-19
 Misc : 6.05G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 31 01:56:13 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)

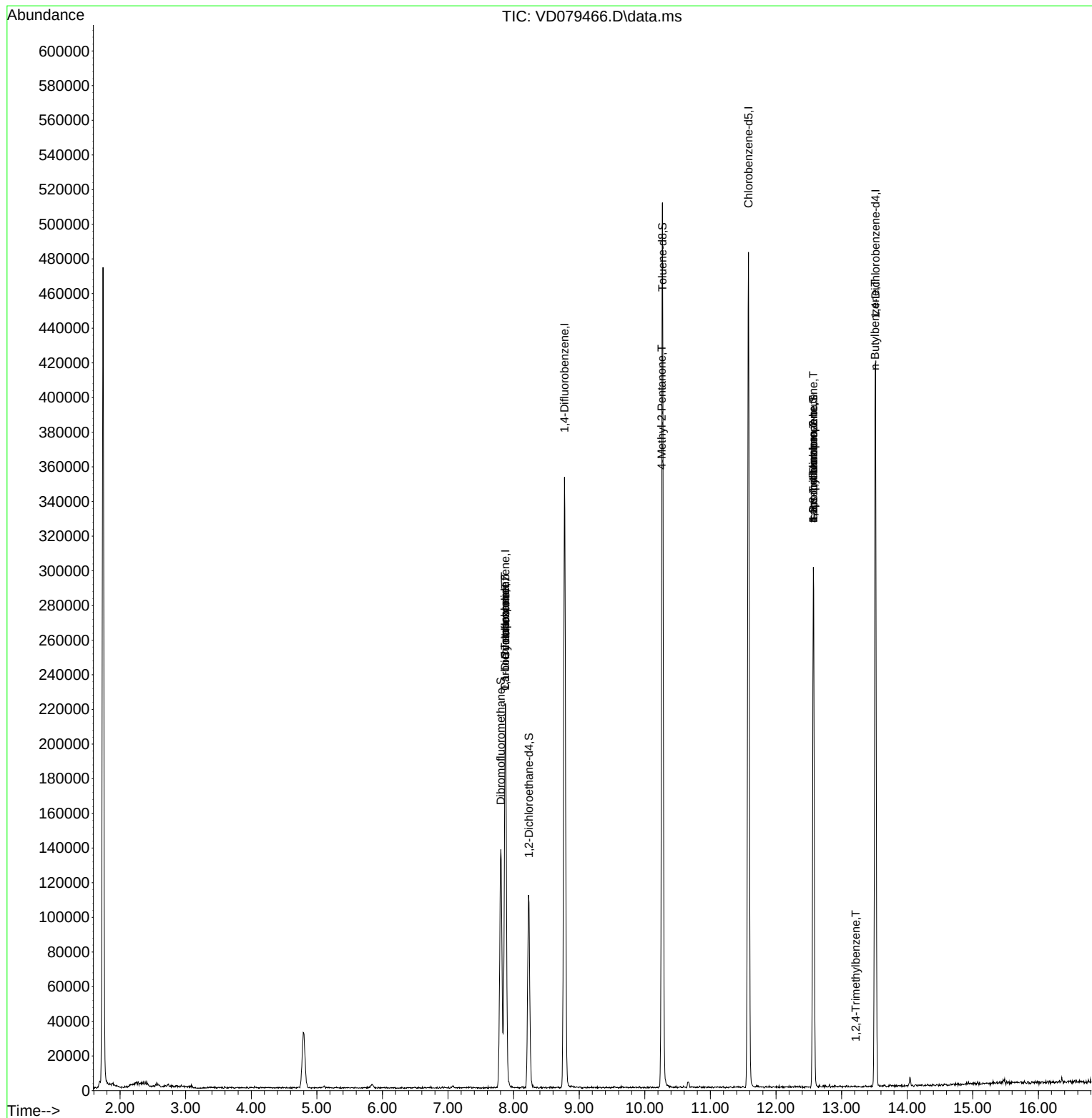
Internal Standards						
1) Pentafluorobenzene	7.875	168	177278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	326943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	297576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	86725	48.154	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.300%		
35) Dibromofluoromethane	7.805	113	102484	46.312	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.620%		
50) Toluene-d8	10.269	98	361361	42.050	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	84.100%		
62) 4-Bromofluorobenzene	12.569	95	88510	35.592	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	71.180%		
Target Compounds						
5) Bromomethane	2.705	94	55	Below Cal	#	44
11) Tert butyl alcohol	5.058	59	149	Below Cal	#	86
20) Methylene Chloride	4.805	84	25958	Below Cal		90
31) Cyclohexane	7.875	56	3189	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	13275	4.395	ug/l #	44
38) Carbon Tetrachloride	7.869	117	16552	5.213	ug/l #	17
51) 4-Methyl-2-Pentanone	10.257	43	1477	1.243	ug/l #	1
73) Isopropylbenzene	12.569	105	56	3.633	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	44089	42.124	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	44089	80.343	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.216	105	181	3.451	ug/l #	29
89) n-Butylbenzene	13.510	91	164	3.802	ug/l #	34

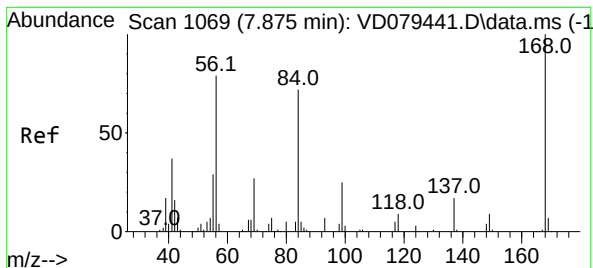
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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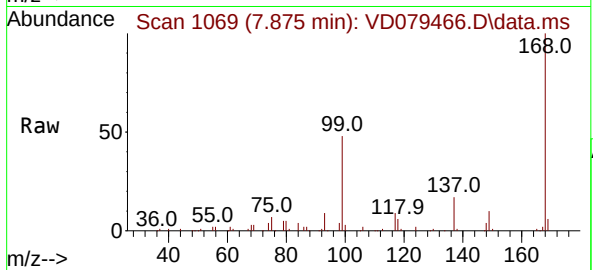
Quant Time: Jul 31 01:56:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



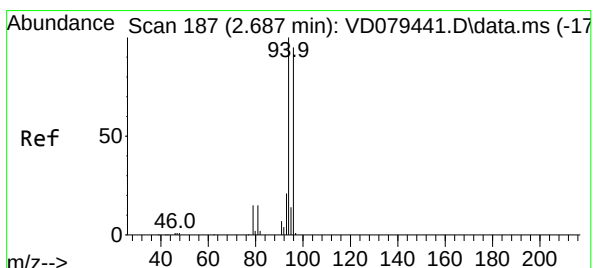
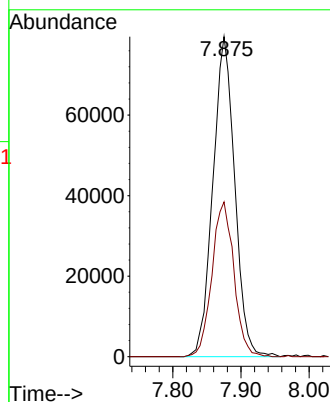
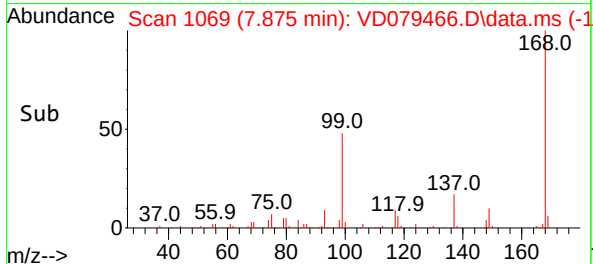


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079466.D
Acq: 30 Jul 2024 18:38

Instrument :
MSVOA_D
ClientSampleId :

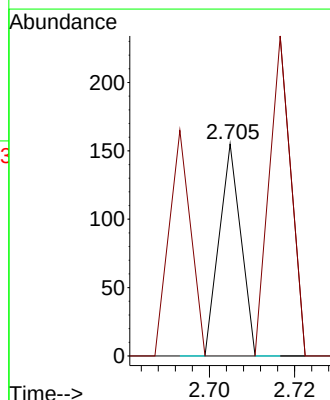
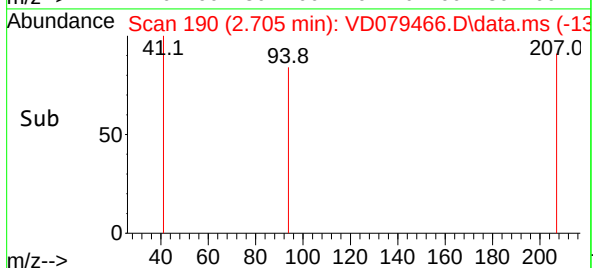
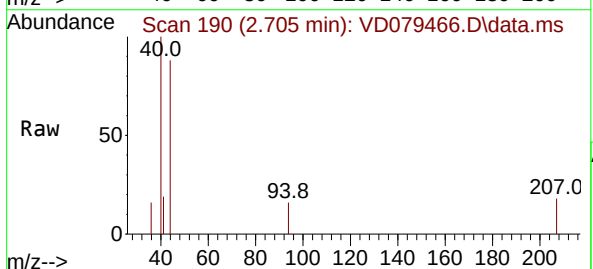


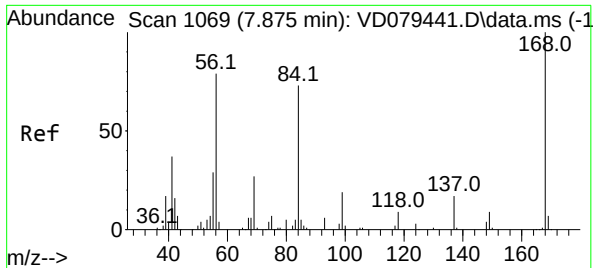
Tgt Ion:168 Resp: 177278
Ion Ratio Lower Upper
168 100
99 48.3 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.705 min Scan# 190
Delta R.T. 0.018 min
Lab File: VD079466.D
Acq: 30 Jul 2024 18:38

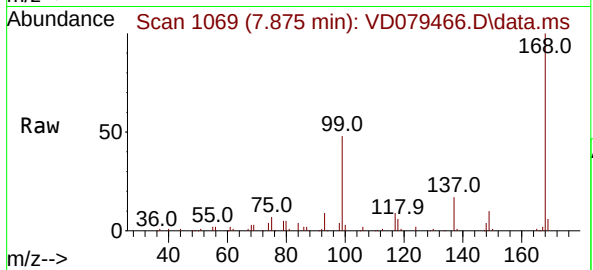
Tgt Ion: 94 Resp: 55
Ion Ratio Lower Upper
94 100
96 150.9 76.9 115.3#



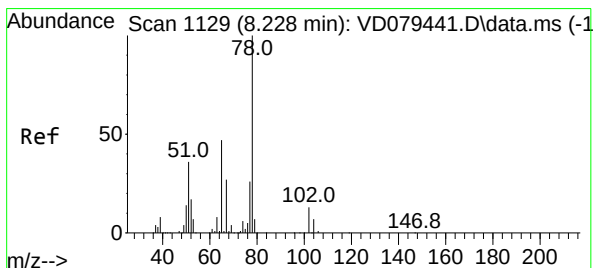
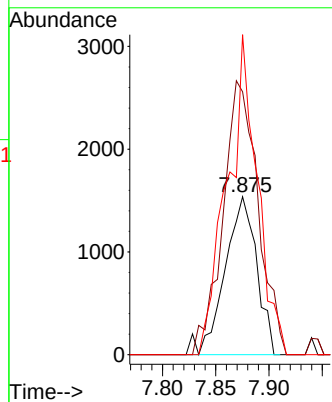
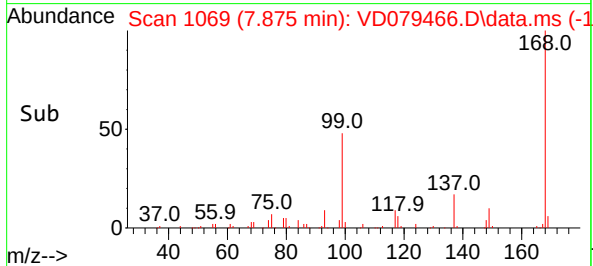


#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD079466.D
Acq: 30 Jul 2024 18:38

Instrument :
MSVOA_D
ClientSampleId :

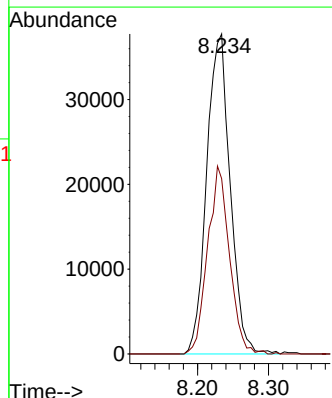
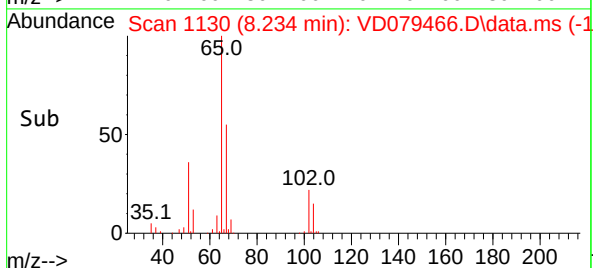
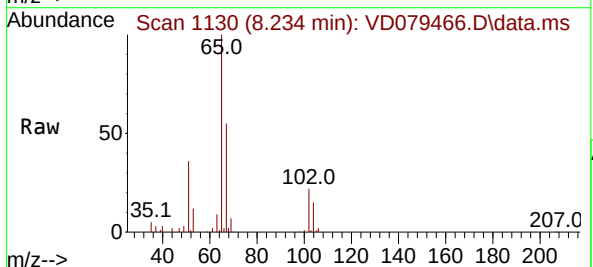


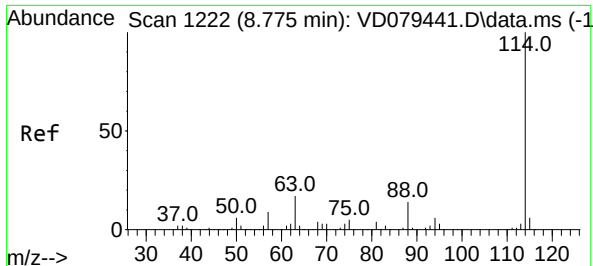
Tgt Ion: 56 Resp: 3189
Ion Ratio Lower Upper
56 100
69 166.4 28.0 42.0#
84 202.6 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 48.154 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079466.D
Acq: 30 Jul 2024 18:38

Tgt Ion: 65 Resp: 86725
Ion Ratio Lower Upper
65 100
67 54.6 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: VD079466.D

Acq: 30 Jul 2024 18:38

Instrument :

MSVOA_D

ClientSampleId :

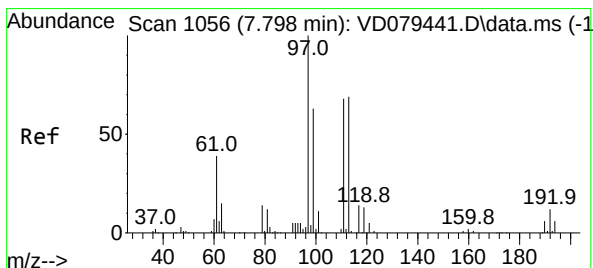
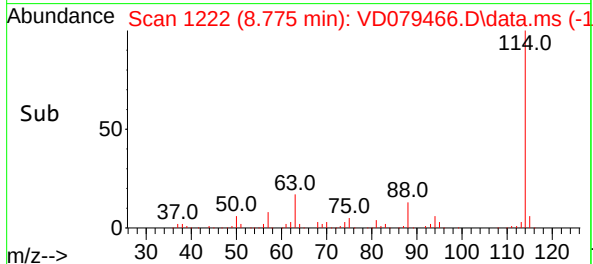
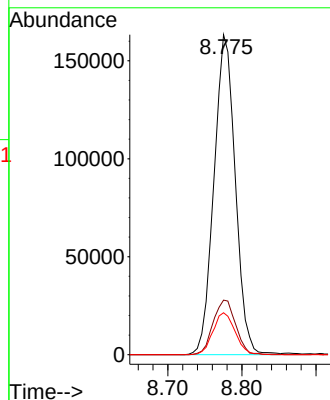
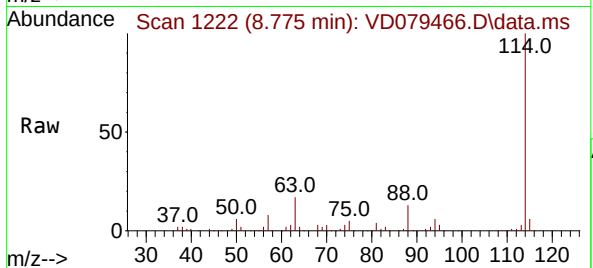
Tgt Ion:114 Resp: 326943

Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.312 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079466.D

Acq: 30 Jul 2024 18:38

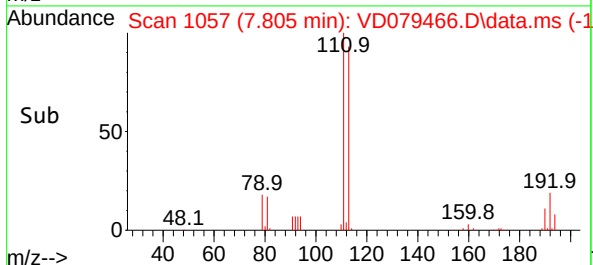
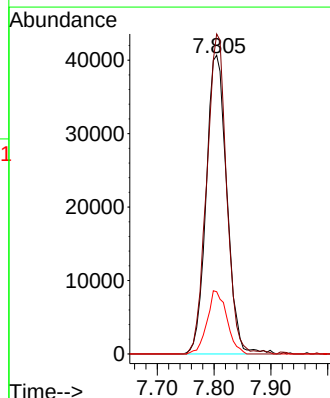
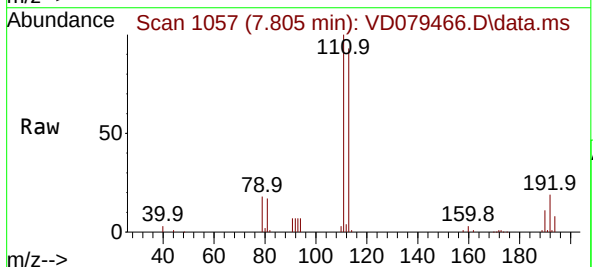
Tgt Ion:113 Resp: 102484

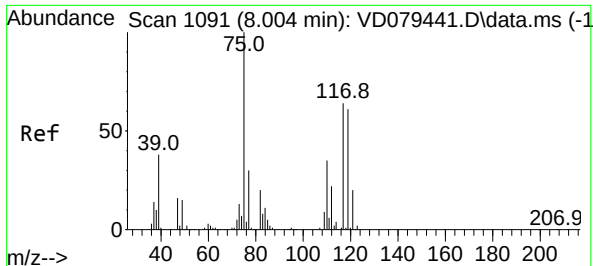
Ion Ratio Lower Upper

113 100

111 103.3 84.0 126.0

192 20.2 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.395 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

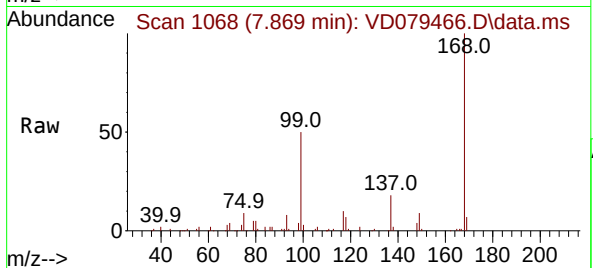
Lab File: VD079466.D

Acq: 30 Jul 2024 18:38

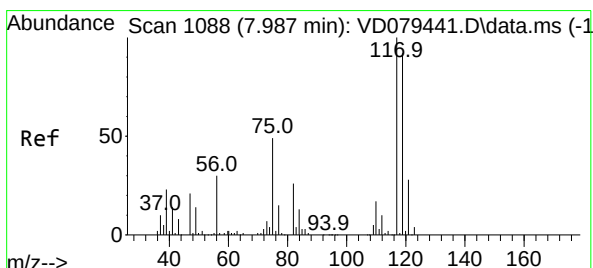
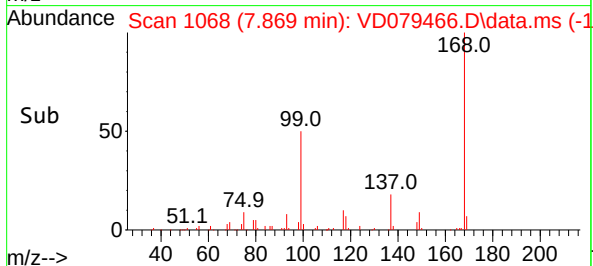
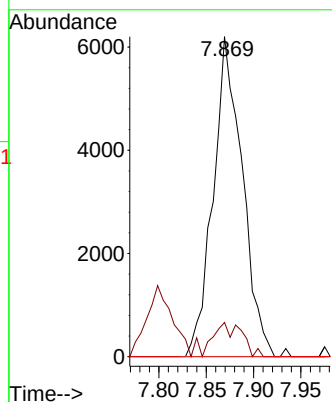
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	13275
Ion Ratio	Lower	Upper	
75	100		
110	6.0	19.6	58.7#
77	0.0	26.1	39.1#



#38

Carbon Tetrachloride

Concen: 5.213 ug/l

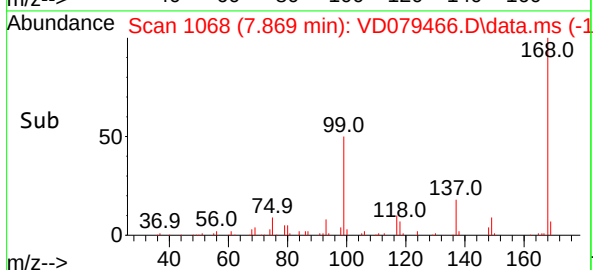
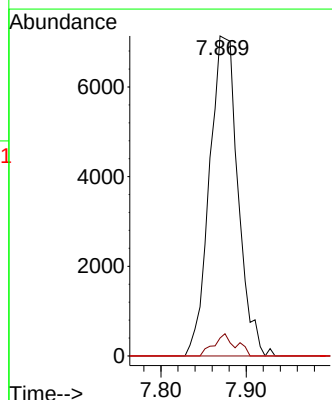
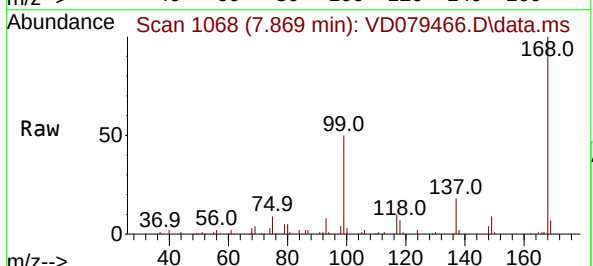
RT: 7.869 min Scan# 1068

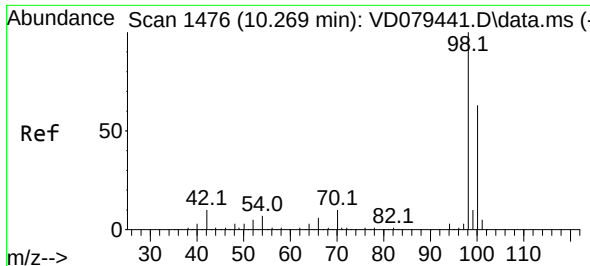
Delta R.T. -0.118 min

Lab File: VD079466.D

Acq: 30 Jul 2024 18:38

Tgt Ion:	117	Resp:	16552
Ion Ratio	Lower	Upper	
117	100		
119	5.6	75.4	113.0#
121	0.0	25.0	37.4#

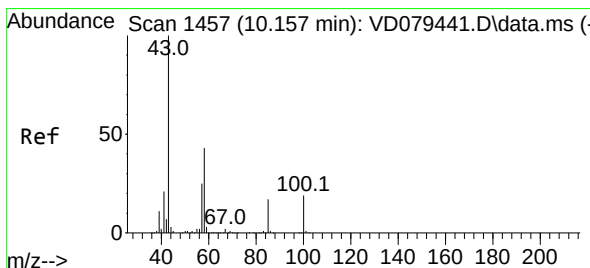
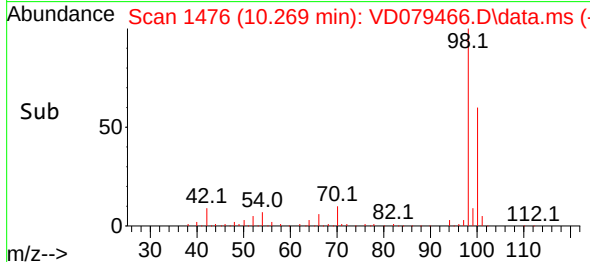
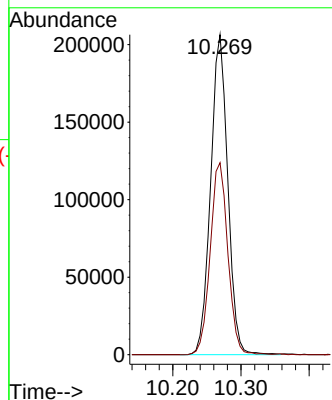
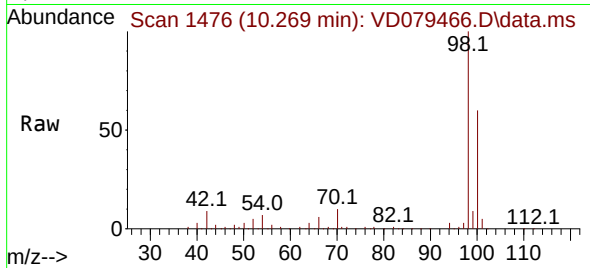




#50
Toluene-d8
Concen: 42.050 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079466.D
Acq: 30 Jul 2024 18:38

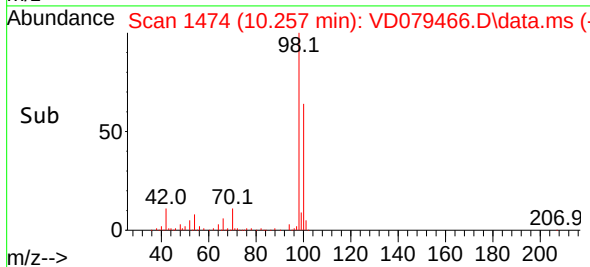
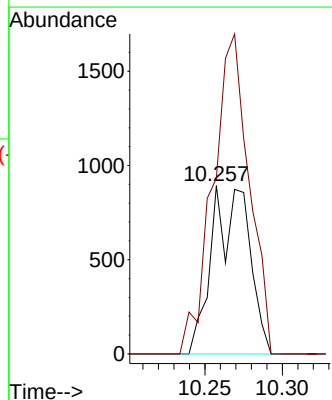
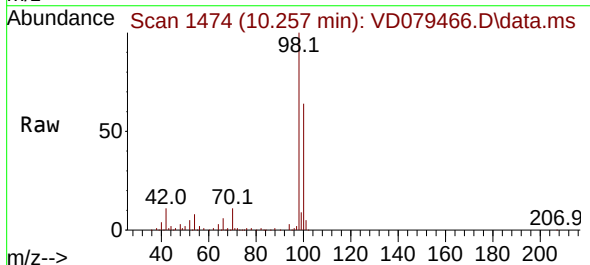
Instrument :
MSVOA_D
ClientSampleId :

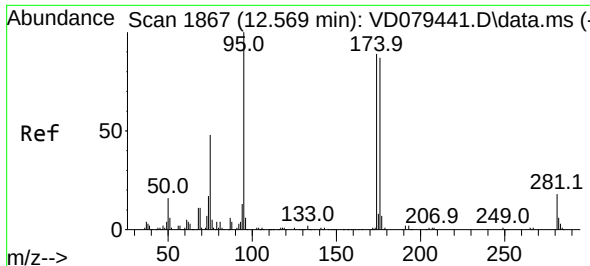
Tgt Ion: 98 Resp: 361361
Ion Ratio Lower Upper
98 100
100 61.8 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.243 ug/l
RT: 10.257 min Scan# 1474
Delta R.T. 0.100 min
Lab File: VD079466.D
Acq: 30 Jul 2024 18:38

Tgt Ion: 43 Resp: 1477
Ion Ratio Lower Upper
43 100
58 187.1 36.6 55.0#

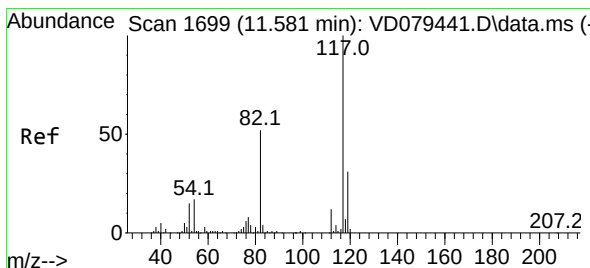
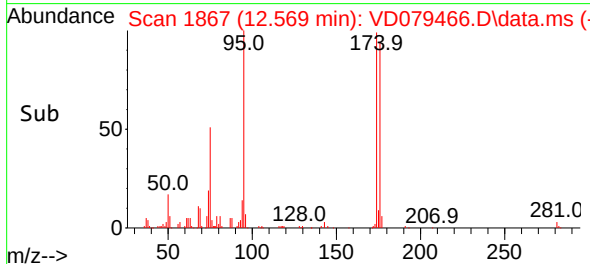
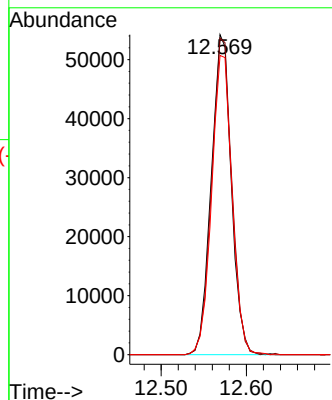
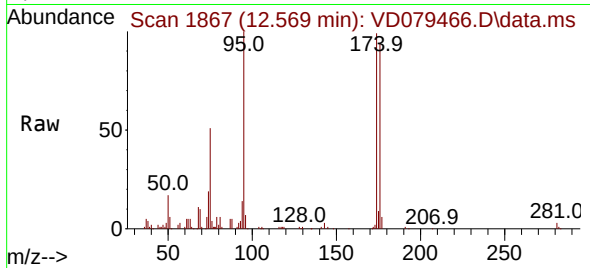




#62
4-Bromofluorobenzene
Concen: 35.592 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079466.D
Acq: 30 Jul 2024 18:38

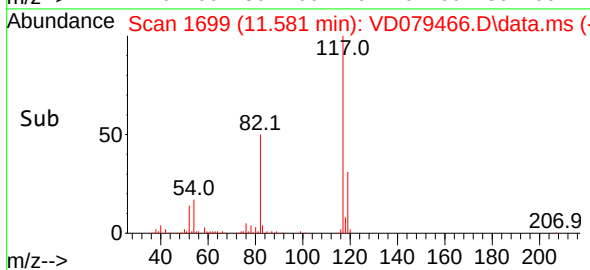
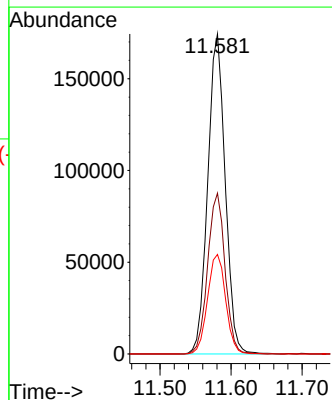
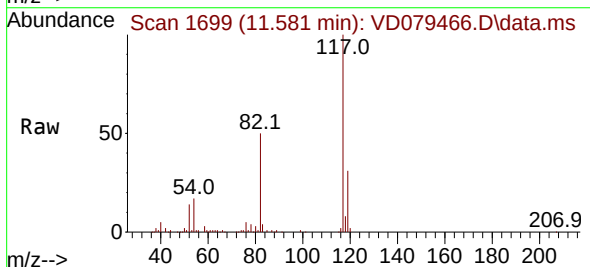
Instrument :
MSVOA_D
ClientSampleId :

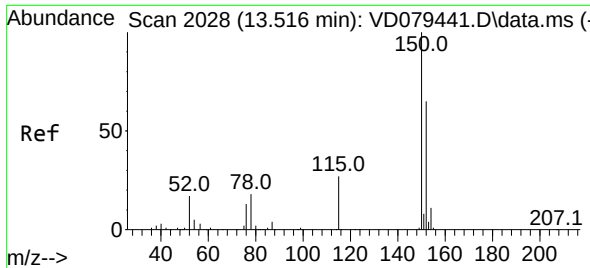
Tgt Ion: 95 Resp: 88510
Ion Ratio Lower Upper
95 100
174 99.8 0.0 195.4
176 95.3 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079466.D
Acq: 30 Jul 2024 18:38

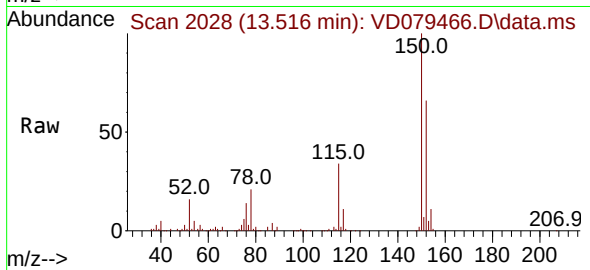
Tgt Ion: 117 Resp: 297576
Ion Ratio Lower Upper
117 100
82 50.3 39.8 59.6
119 31.1 25.7 38.5



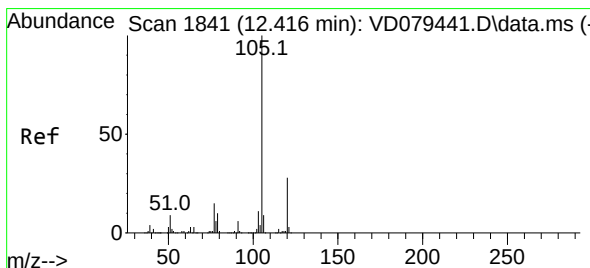
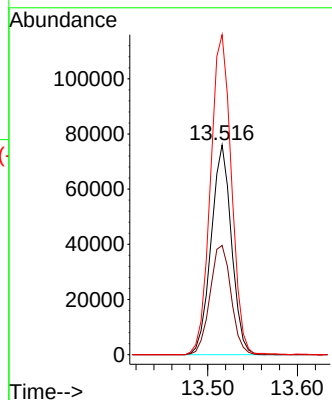
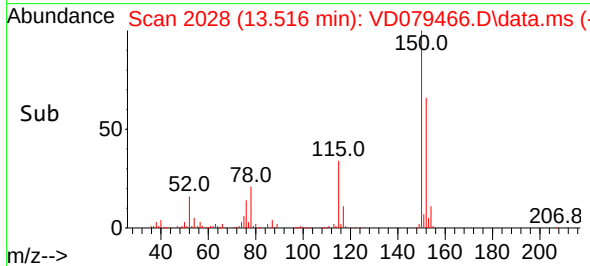


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079466.D
Acq: 30 Jul 2024 18:38

Instrument :
MSVOA_D
ClientSampleId :

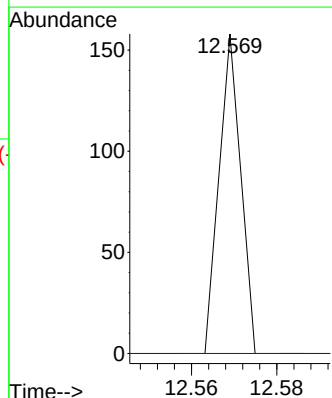
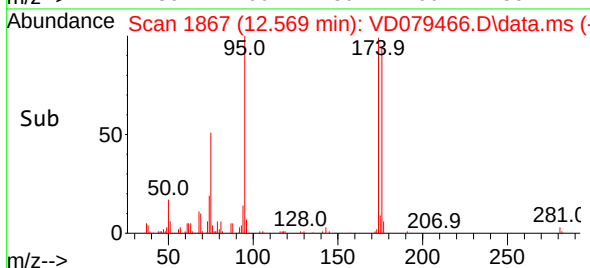
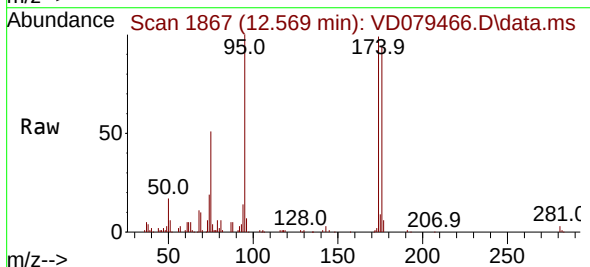


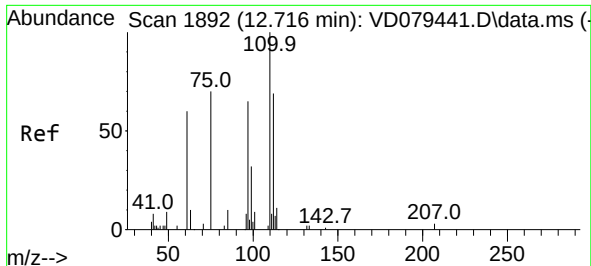
Tgt Ion:152 Resp: 119739
Ion Ratio Lower Upper
152 100
115 54.1 26.5 79.5
150 156.8 0.0 341.6



#73
Isopropylbenzene
Concen: 3.633 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.153 min
Lab File: VD079466.D
Acq: 30 Jul 2024 18:38

Tgt Ion:105 Resp: 56
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#

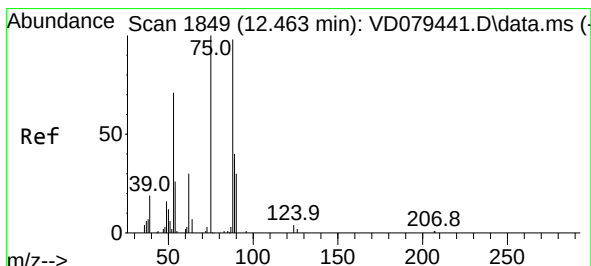
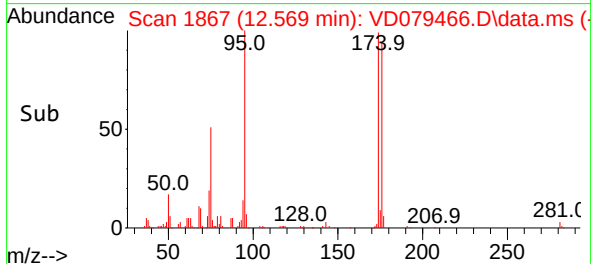
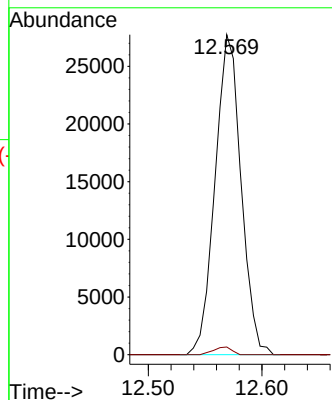
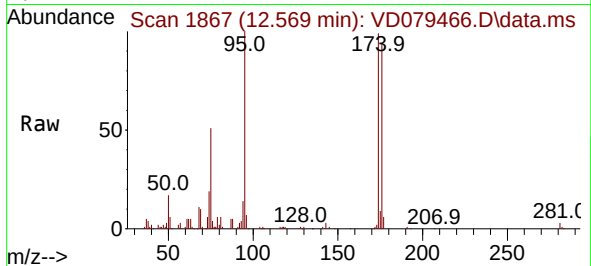




#76
1,2,3-Trichloropropane
Concen: 42.124 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079466.D
Acq: 30 Jul 2024 18:38

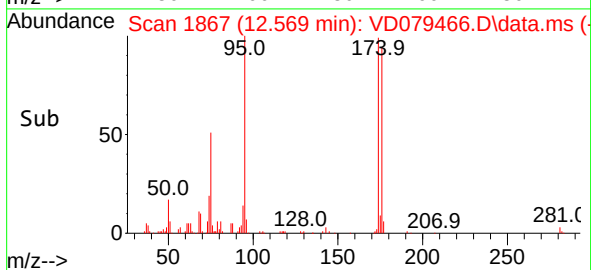
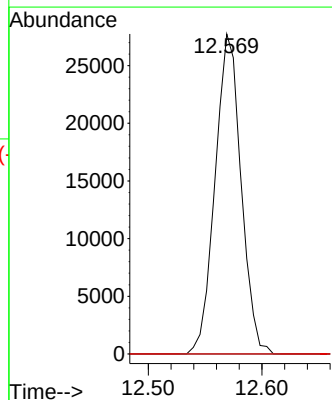
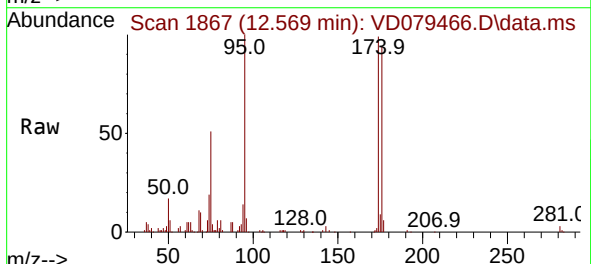
Instrument :
MSVOA_D
ClientSampleId :

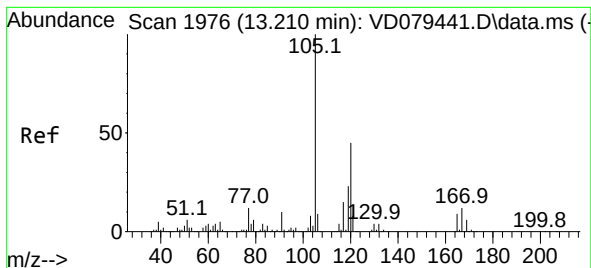
Tgt Ion: 75 Resp: 44089
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.343 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079466.D
Acq: 30 Jul 2024 18:38

Tgt Ion: 75 Resp: 44089
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: 3.451 ug/l

RT: 13.216 min Scan# 1976

Delta R.T. 0.012 min

Lab File: VD079466.D

Acq: 30 Jul 2024 18:38

Instrument :

MSVOA_D

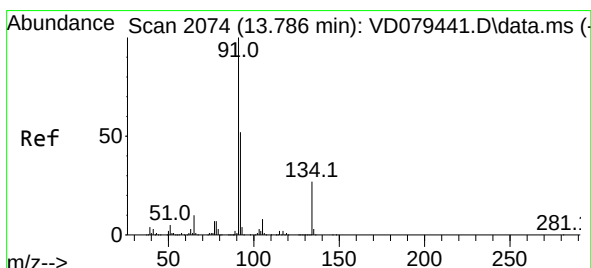
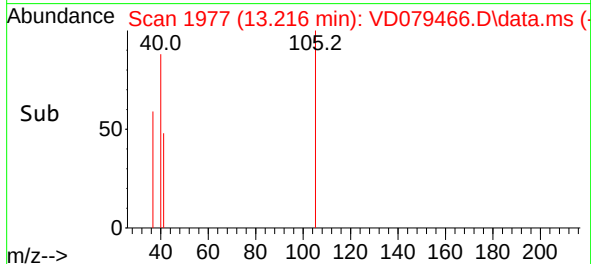
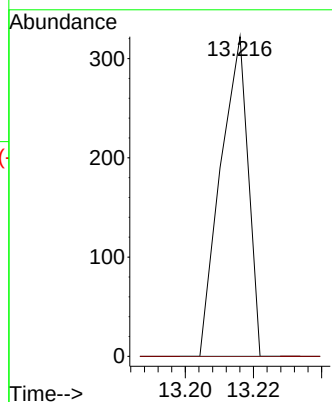
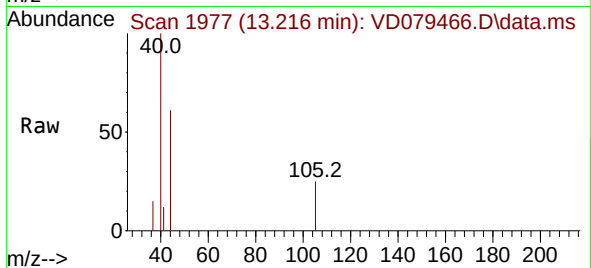
ClientSampleId :

Tgt Ion:105 Resp: 181

Ion Ratio Lower Upper

105 100

120 0.0 23.6 71.0#



#89

n-Butylbenzene

Concen: 3.802 ug/l

RT: 13.510 min Scan# 2027

Delta R.T. -0.271 min

Lab File: VD079466.D

Acq: 30 Jul 2024 18:38

Tgt Ion: 91 Resp: 164

Ion Ratio Lower Upper

91 100

92 0.0 25.7 77.0#

134 0.0 13.6 40.8#

