

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079498.D
 Acq On : 31 Jul 2024 15:56
 Operator : RP/MD
 Sample : P3379-05RE
 Misc : 6.94G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 01 01:52:29 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)

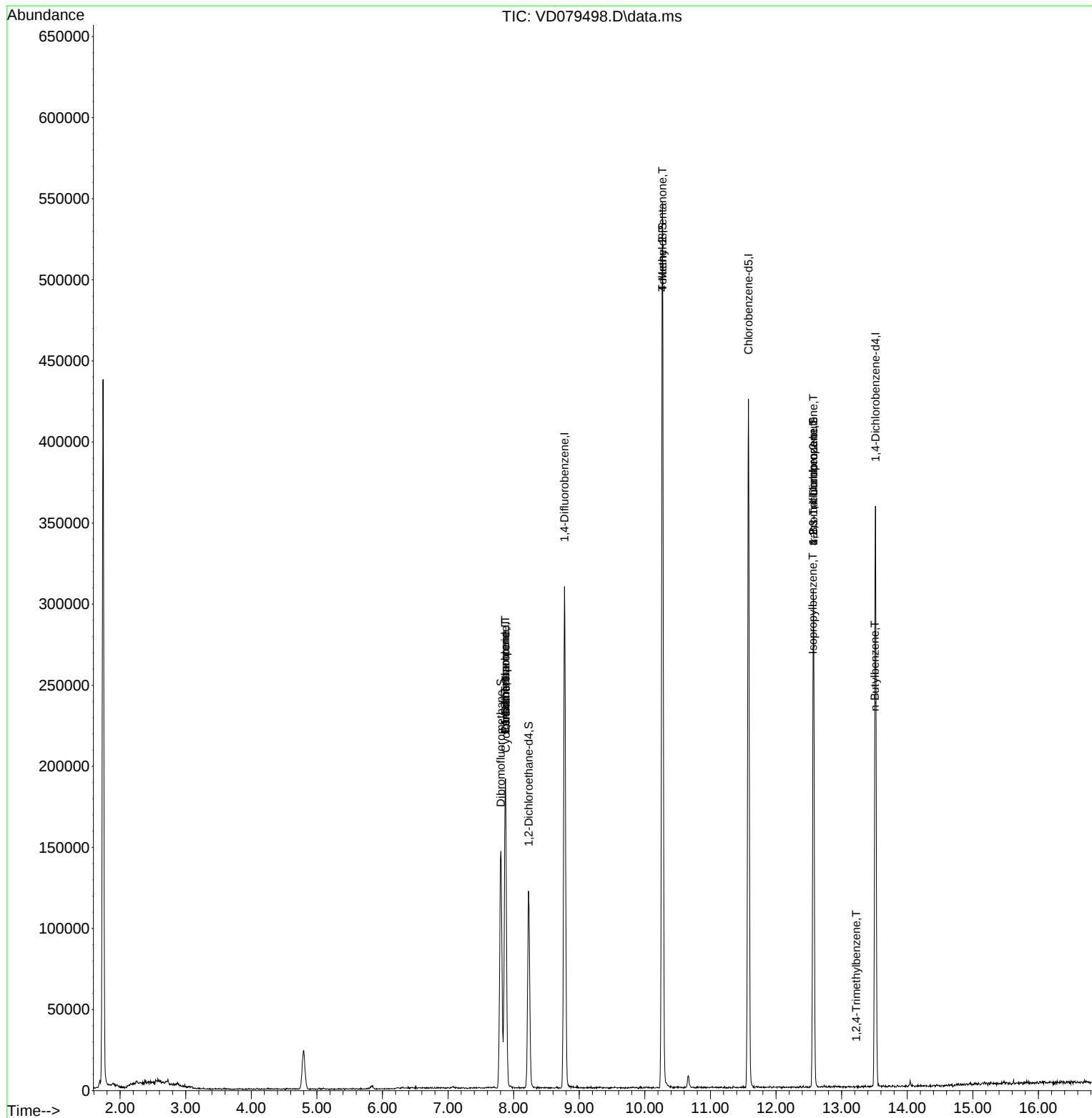
Internal Standards						
1) Pentafluorobenzene	7.875	168	157215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	286792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	256383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92461	57.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.780%	
35) Dibromofluoromethane	7.804	113	108477	55.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.760%	
50) Toluene-d8	10.269	98	387225	51.369	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	12.569	95	93144	42.699	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.400%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.710	94	371	Below Cal	#	23
20) Methylene Chloride	4.798	84	17979	Below Cal		87
31) Cyclohexane	7.881	56	3159	1.191	ug/l #	54
36) 1,1-Dichloropropene	7.875	75	11123	4.198	ug/l #	48
38) Carbon Tetrachloride	7.875	117	14427	5.180	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	1575	1.511	ug/l #	1
73) Isopropylbenzene	12.563	105	61	3.635	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	47479	53.896	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	47479	102.795	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.222	105	208	3.459	ug/l #	29
89) n-Butylbenzene	13.504	91	180	3.808	ug/l #	34

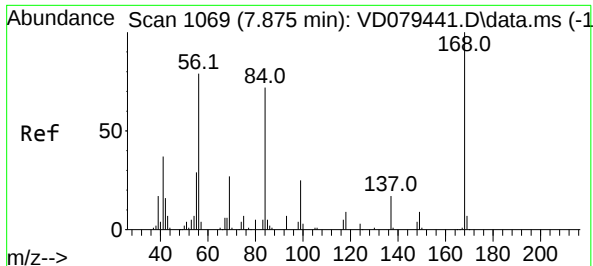
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 01 01:52:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
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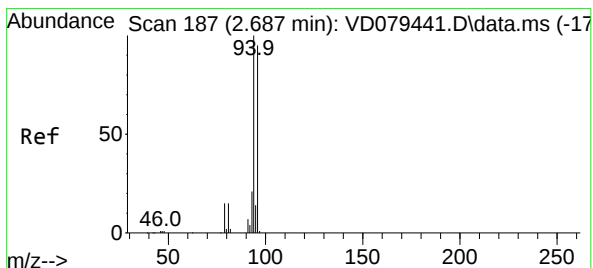
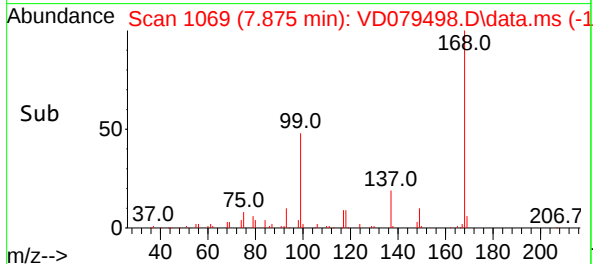
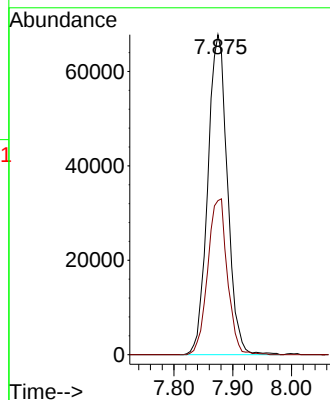
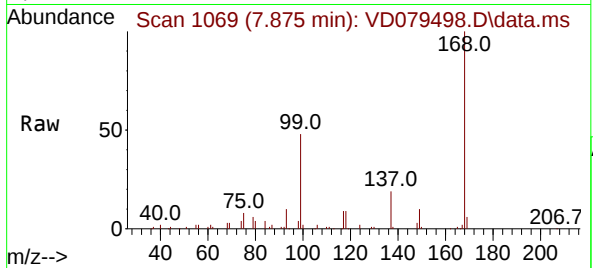




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

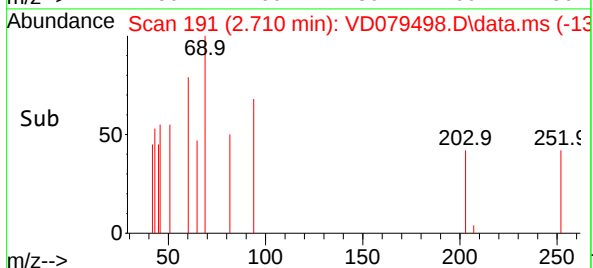
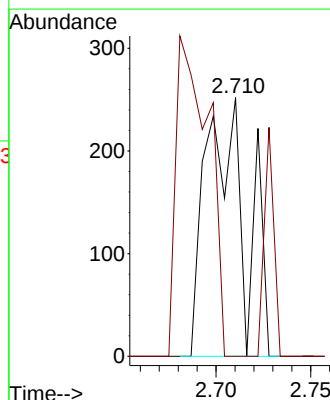
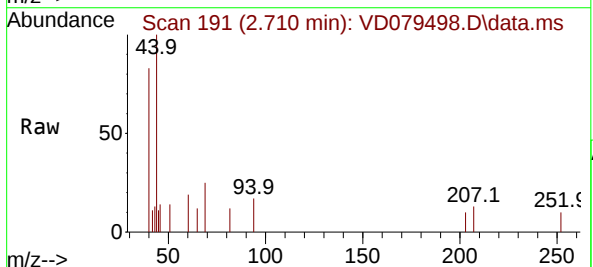
Instrument :
MSVOA_D
ClientSampleId :

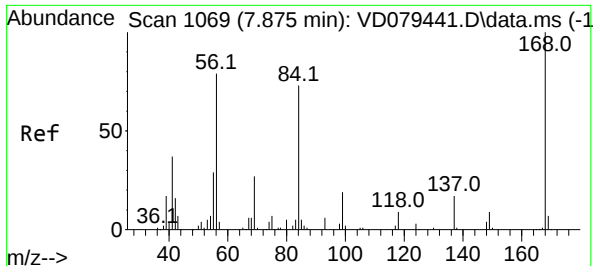
Tgt Ion:168 Resp: 157215
Ion Ratio Lower Upper
168 100
99 48.2 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.710 min Scan# 191
Delta R.T. 0.023 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion: 94 Resp: 371
Ion Ratio Lower Upper
94 100
96 21.3 76.9 115.3#

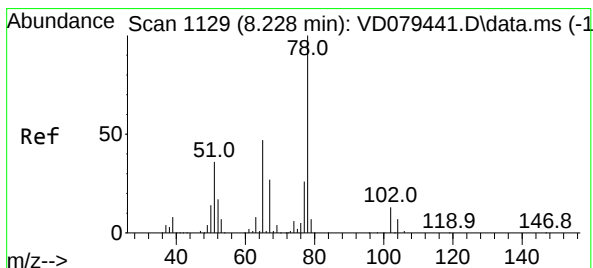
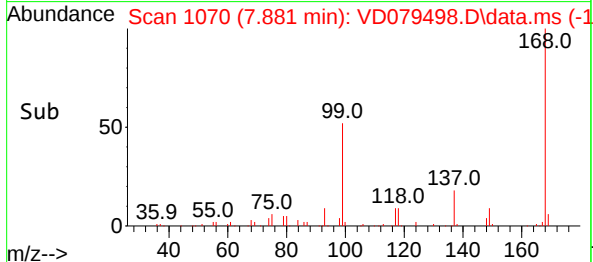
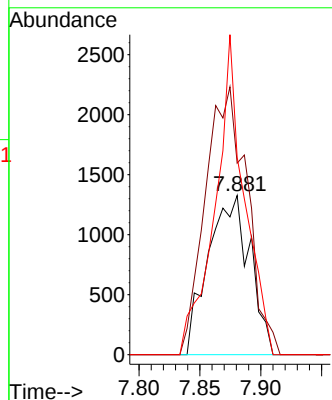
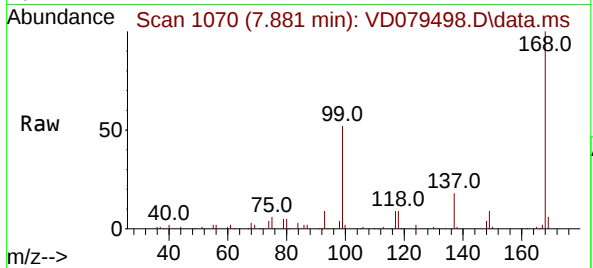




#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

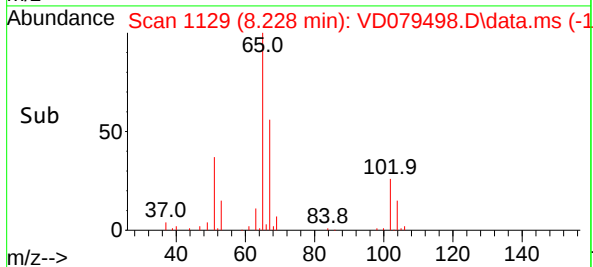
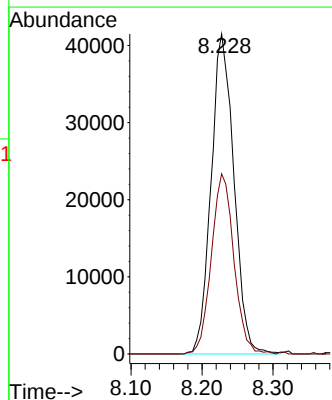
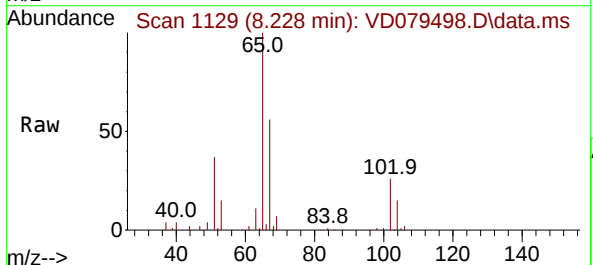
Instrument :
MSVOA_D
ClientSampleId :

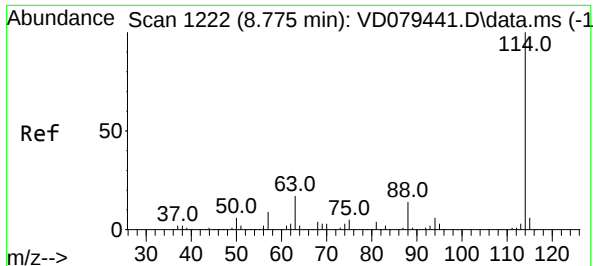
Tgt Ion: 56 Resp: 3159
Ion Ratio Lower Upper
56 100
69 120.3 28.0 42.0#
84 123.9 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 57.891 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion: 65 Resp: 92461
Ion Ratio Lower Upper
65 100
67 55.6 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: VD079498.D

Acq: 31 Jul 2024 15:56

Instrument :

MSVOA_D

ClientSampleId :

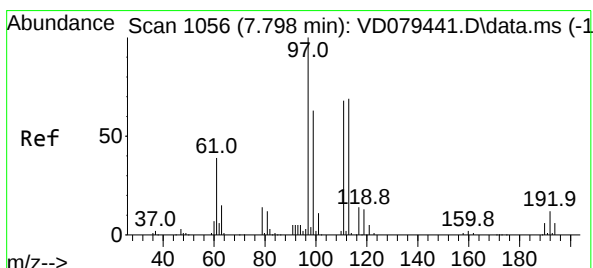
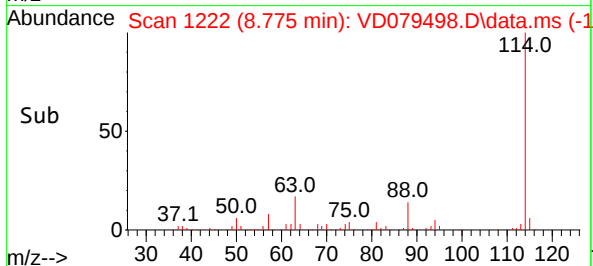
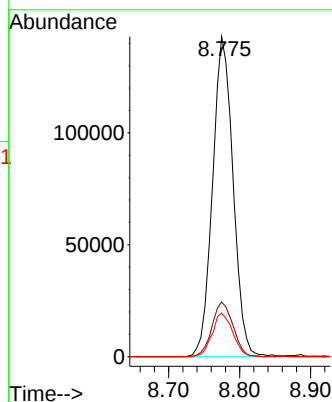
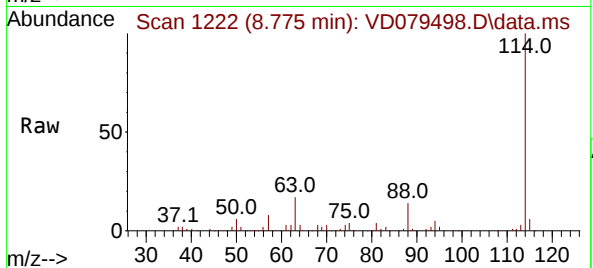
Tgt Ion:114 Resp: 286792

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.883 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079498.D

Acq: 31 Jul 2024 15:56

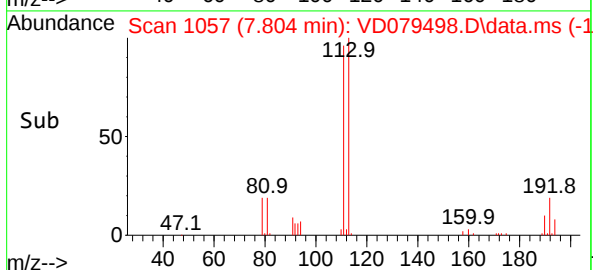
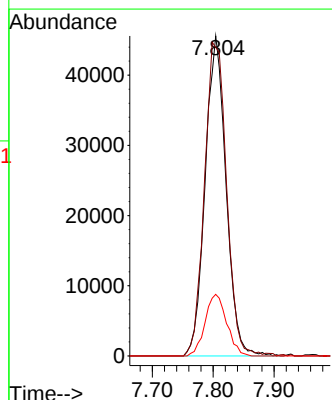
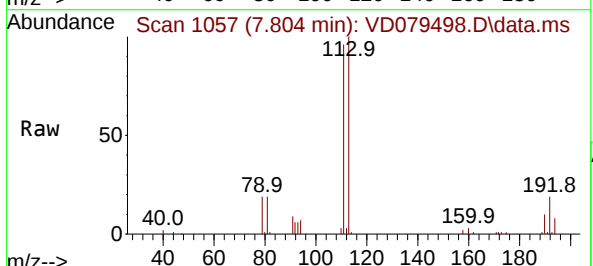
Tgt Ion:113 Resp: 108477

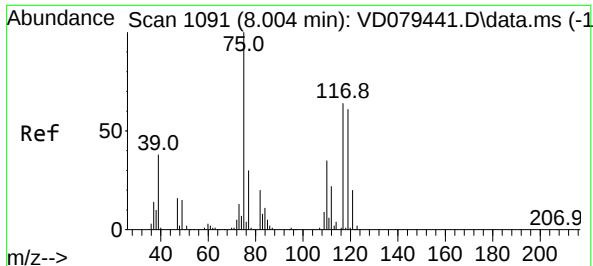
Ion Ratio Lower Upper

113 100

111 104.1 84.0 126.0

192 20.0 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.198 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.136 min

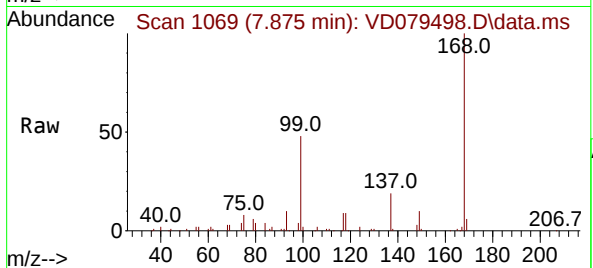
Lab File: VD079498.D

Acq: 31 Jul 2024 15:56

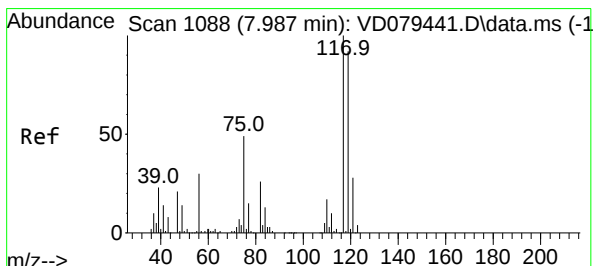
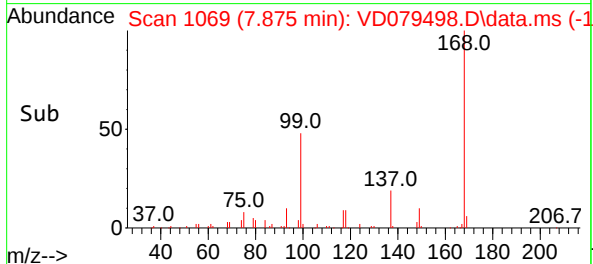
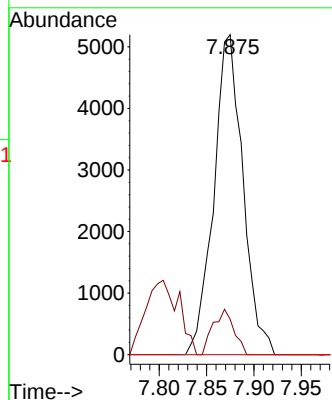
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 11123
Ion Ratio	Lower Upper
75	100
110	10.2 19.6 58.7#
77	0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.180 ug/l

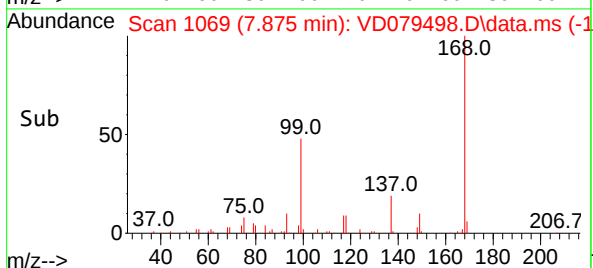
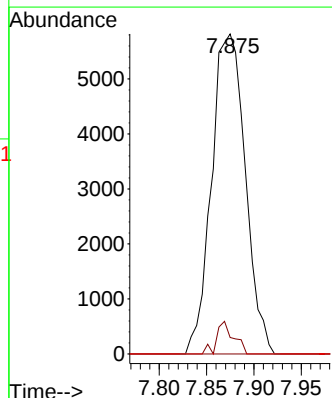
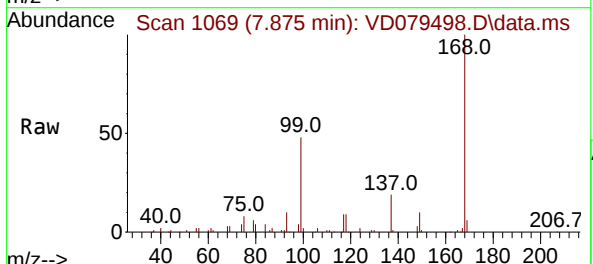
RT: 7.875 min Scan# 1069

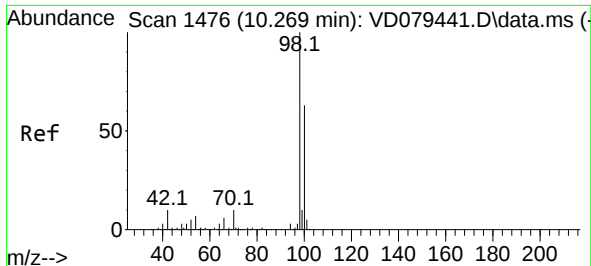
Delta R.T. -0.112 min

Lab File: VD079498.D

Acq: 31 Jul 2024 15:56

Tgt Ion: 117	Resp: 14427
Ion Ratio	Lower Upper
117	100
119	5.2 75.4 113.0#
121	0.0 25.0 37.4#

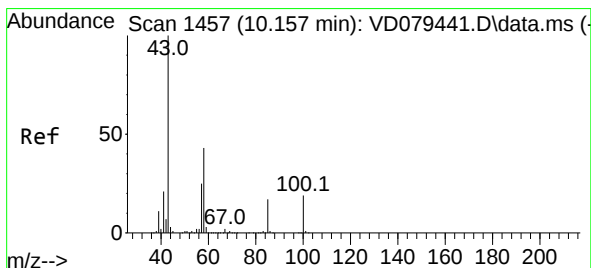
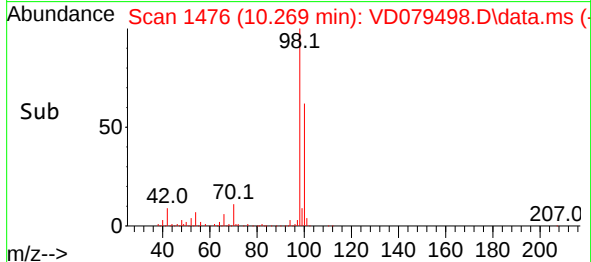
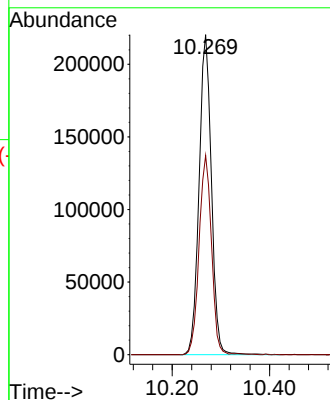
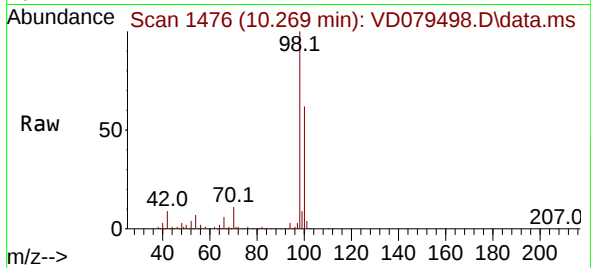




#50
Toluene-d8
Concen: 51.369 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.005 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

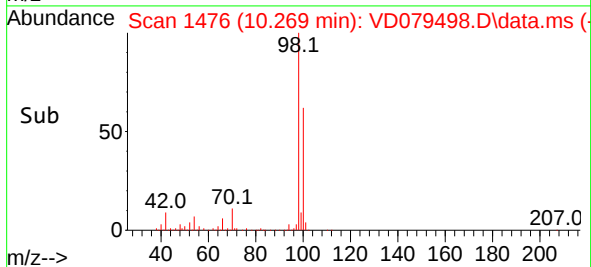
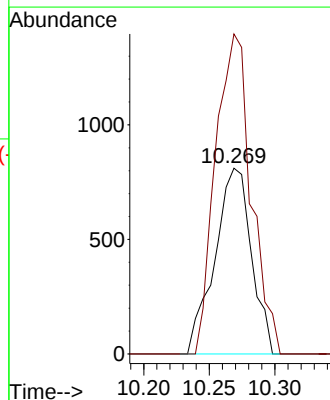
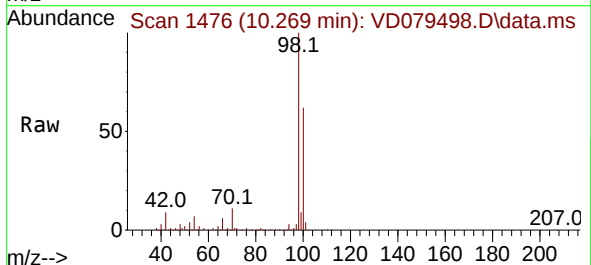
Instrument :
MSVOA_D
ClientSampleId :

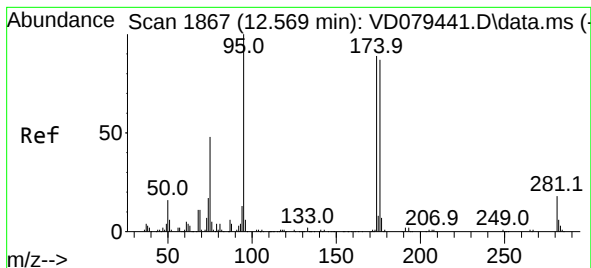
Tgt Ion: 98 Resp: 387225
Ion Ratio Lower Upper
98 100
100 62.6 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.511 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.111 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion: 43 Resp: 1575
Ion Ratio Lower Upper
43 100
58 167.6 36.6 55.0#

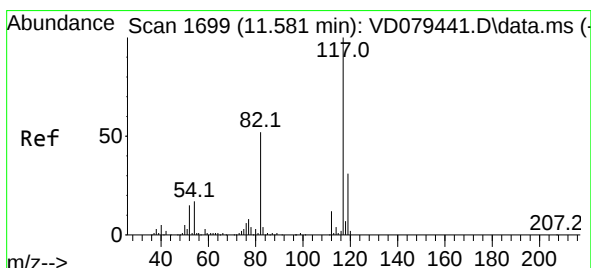
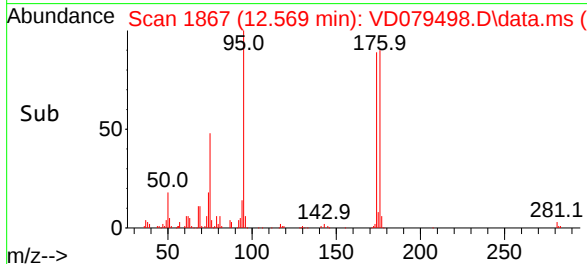
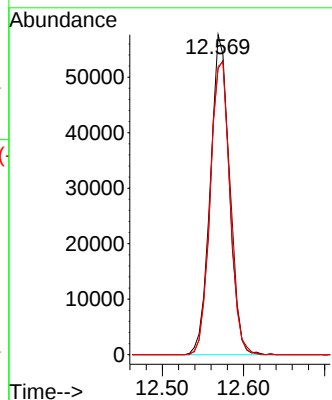
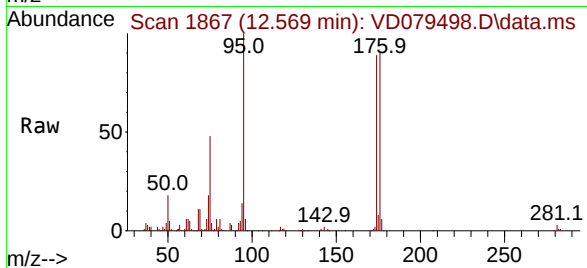




#62
4-Bromofluorobenzene
Concen: 42.699 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

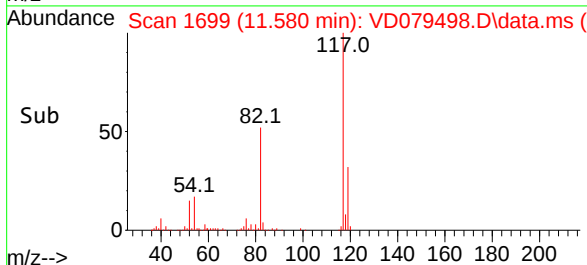
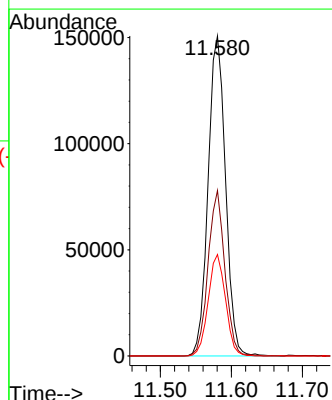
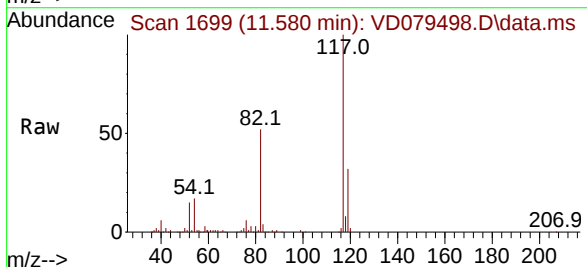
Instrument :
MSVOA_D
ClientSampleId :

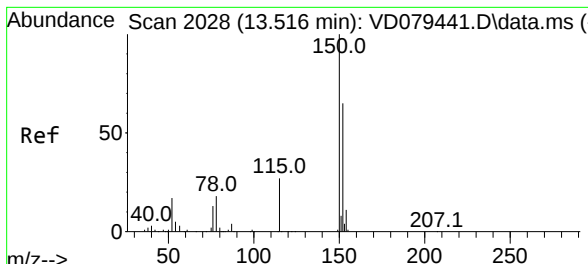
Tgt Ion: 95 Resp: 93144
Ion Ratio Lower Upper
95 100
174 97.4 0.0 195.4
176 94.8 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion: 117 Resp: 256383
Ion Ratio Lower Upper
117 100
82 51.7 39.8 59.6
119 31.7 25.7 38.5

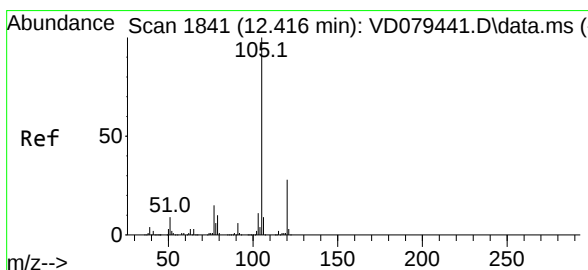
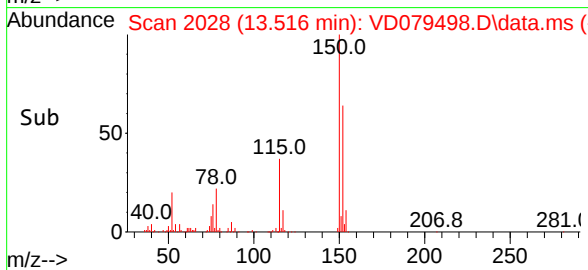
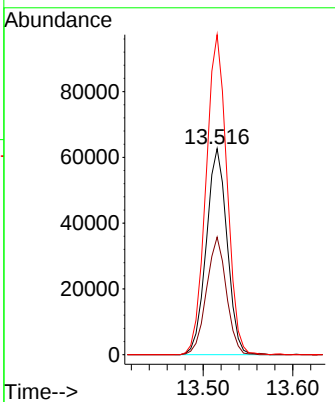
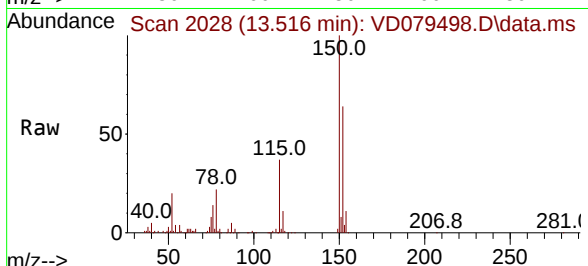




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.005 min
 Lab File: VD079498.D
 Acq: 31 Jul 2024 15:56

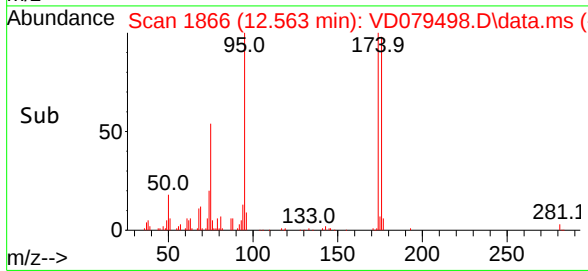
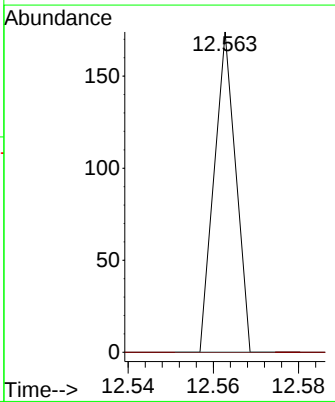
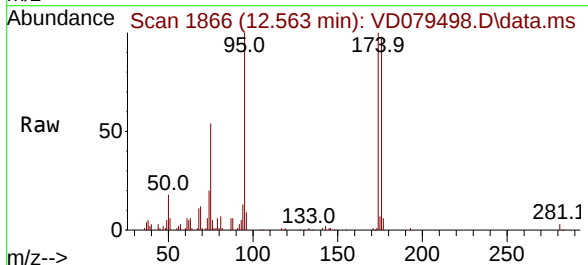
Instrument :
 MSVOA_D
 ClientSampleId :

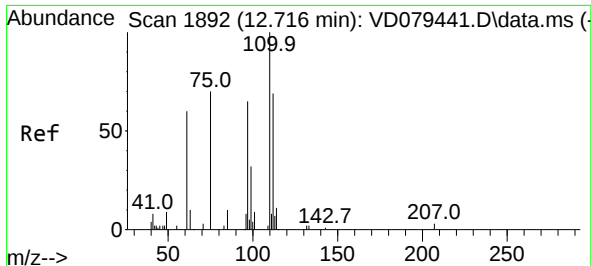
Tgt Ion:	152	Resp:	100782
Ion	Ratio	Lower	Upper
152	100		
115	54.5	26.5	79.5
150	156.0	0.0	341.6



#73
 Isopropylbenzene
 Concen: 3.635 ug/l
 RT: 12.563 min Scan# 1866
 Delta R.T. 0.147 min
 Lab File: VD079498.D
 Acq: 31 Jul 2024 15:56

Tgt Ion:	105	Resp:	61
Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.6	40.7#

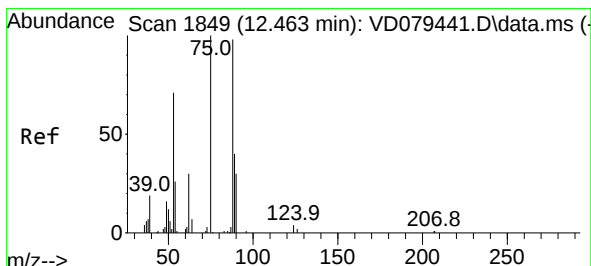
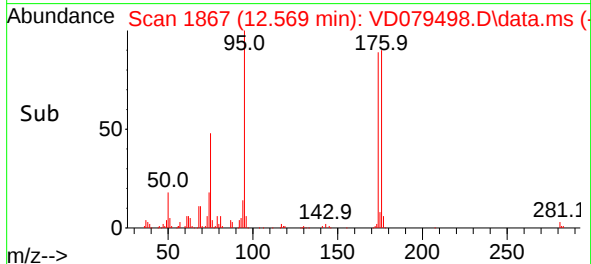
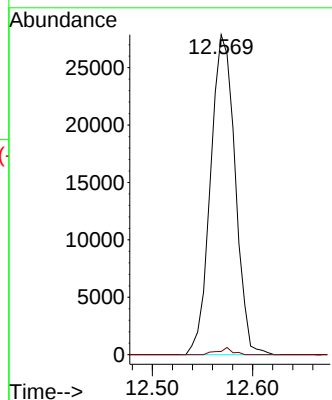
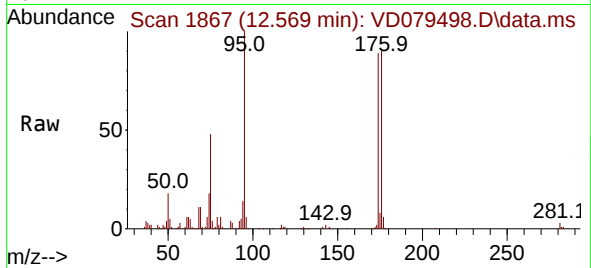




#76
1,2,3-Trichloropropane
Concen: 53.896 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

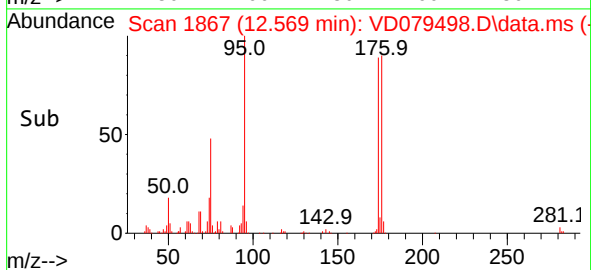
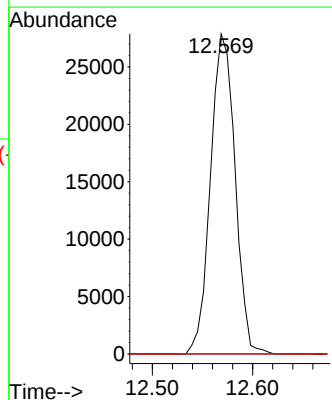
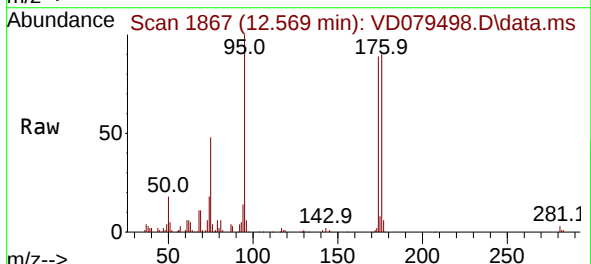
Instrument :
MSVOA_D
ClientSampleId :

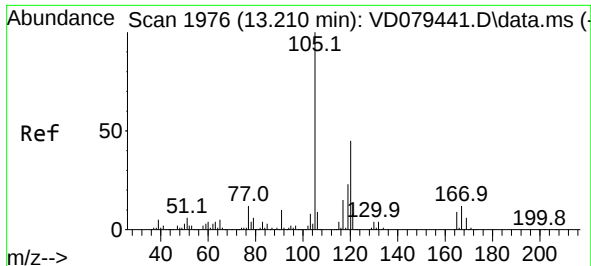
Tgt Ion: 75 Resp: 47479
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.795 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion: 75 Resp: 47479
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

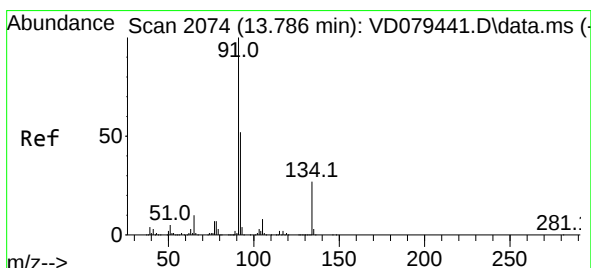
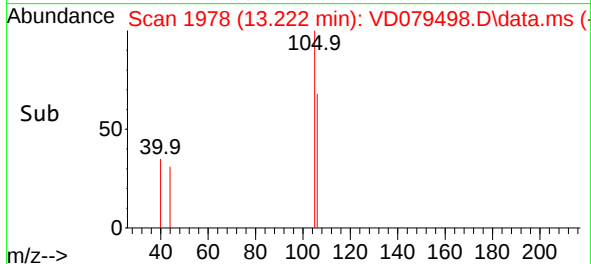
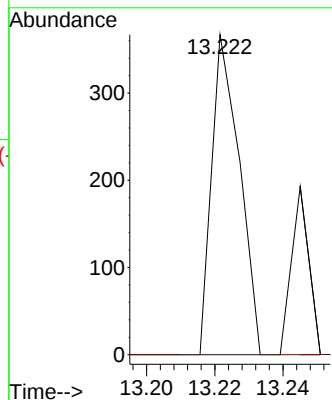
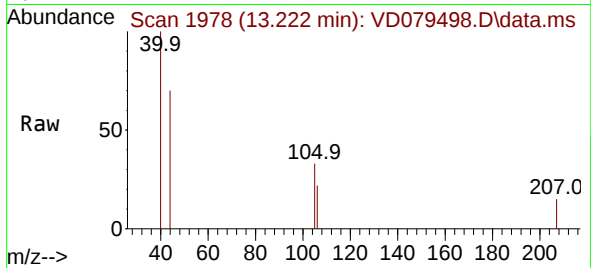




#84
1,2,4-Trimethylbenzene
Concen: 3.459 ug/l
RT: 13.222 min Scan# 1976
Delta R.T. 0.018 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 208
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#



#89
n-Butylbenzene
Concen: 3.808 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. -0.277 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion: 91 Resp: 180
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.0#
134 0.0 13.6 40.8#

