

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079606.D
 Acq On : 06 Aug 2024 04:39
 Operator : RP/MD
 Sample : P3374-06
 Misc : 8.35G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 06 05:14:29 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)

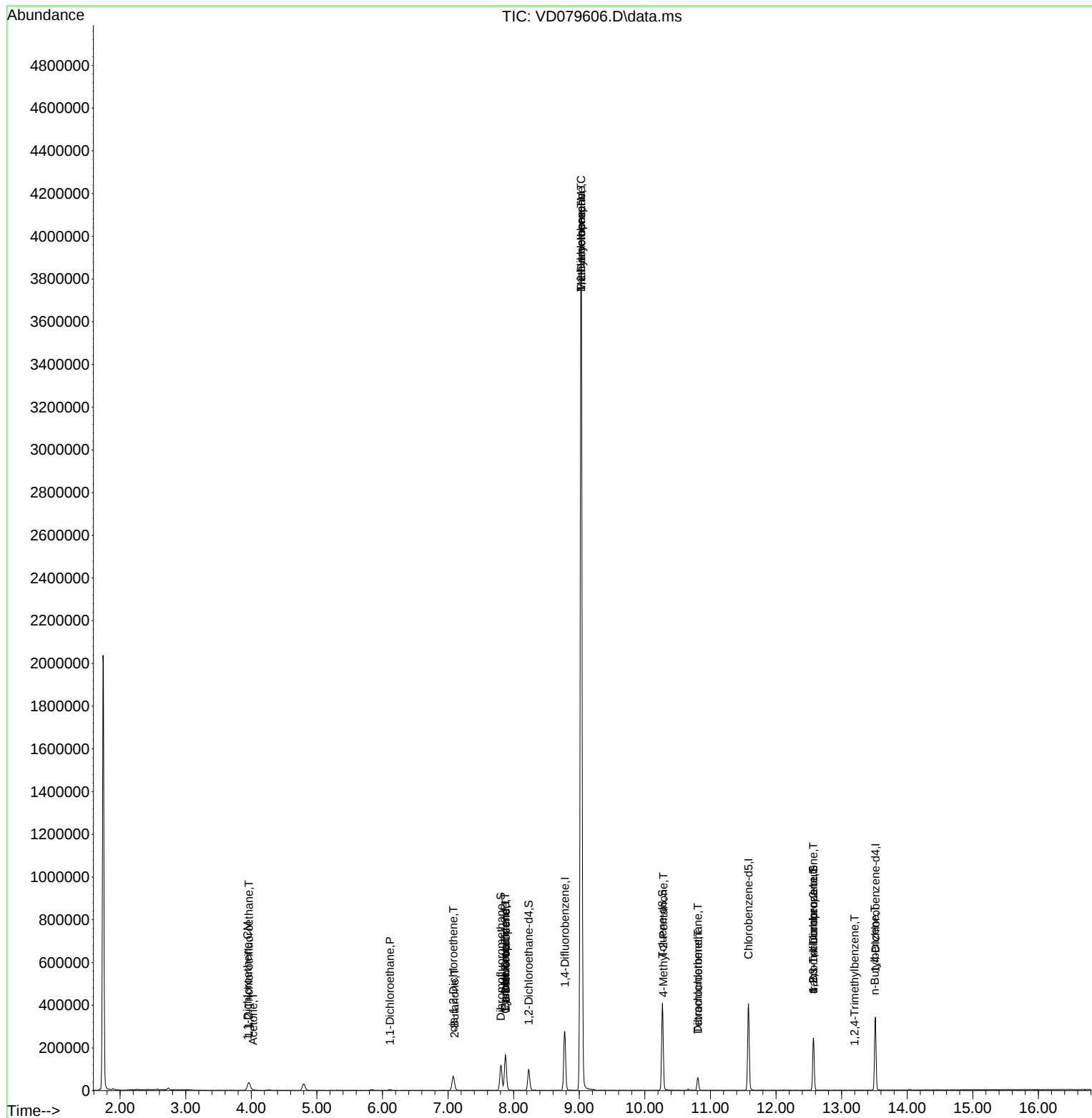
Internal Standards						
1) Pentafluorobenzene	7.875	168	132075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	259696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	244374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73764	54.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.960%	
35) Dibromofluoromethane	7.804	113	84357	47.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.980%	
50) Toluene-d8	10.269	98	287928	42.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.360%	
62) 4-Bromofluorobenzene	12.569	95	72917	36.914	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 73.820%	
Target Compounds						Qvalue
5) Bromomethane	2.693	94	216	Below Cal	#	33
9) 1,1,2-Trichlorotrifluo...	3.964	101	23756	16.659	ug/l	96
12) 1,1-Dichloroethene	3.946	96	3483	2.441	ug/l #	74
13) Acrolein	4.040	56	55	Below Cal	#	15
16) Acetone	4.028	43	5931	22.745	ug/l	96
20) Methylene Chloride	4.793	84	25128	Below Cal		97
24) 1,1-Dichloroethane	6.116	63	4690	1.669	ug/l #	78
25) 2-Butanone	7.099	43	505	1.366	ug/l #	42
27) cis-1,2-Dichloroethene	7.081	96	42987	23.459	ug/l	96
31) Cyclohexane	7.869	56	2782	1.248	ug/l #	65
36) 1,1-Dichloropropene	7.881	75	9808	4.088	ug/l #	45
38) Carbon Tetrachloride	7.875	117	11999	4.758	ug/l #	17
39) Methylcyclohexane	9.028	83	18166	6.346	ug/l #	1
44) Trichloroethene	9.028	130	1521182	801.935	ug/l	94
45) 1,2-Dichloropropane	9.028	63	3543	1.911	ug/l #	1
51) 4-Methyl-2-Pentanone	10.281	43	1332	1.411	ug/l #	1
60) Dibromochloromethane	10.810	129	12390	7.004	ug/l #	11
64) Tetrachloroethene	10.810	164	14868	9.023	ug/l	95
76) 1,2,3-Trichloropropane	12.569	75	35981	43.176	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	35981	82.349	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.198	105	114	3.446	ug/l #	29
89) n-Butylbenzene	13.504	91	291	3.826	ug/l #	34

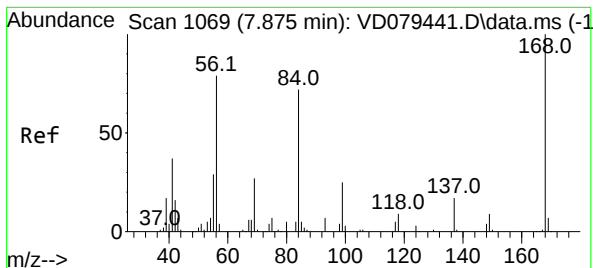
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
Data File : VD079606.D
Acq On : 06 Aug 2024 04:39
Operator : RP/MD
Sample : P3374-06
Misc : 8.35G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

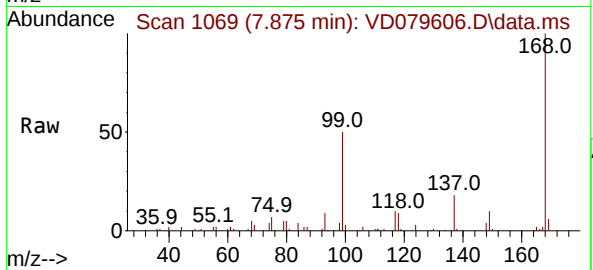
Quant Time: Aug 06 05:14:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
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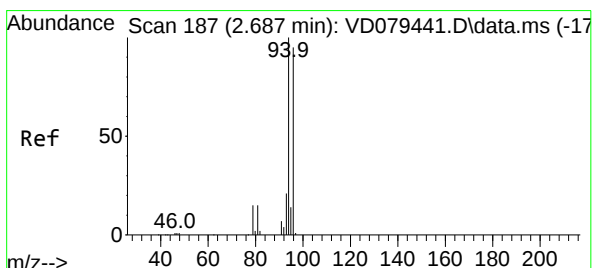
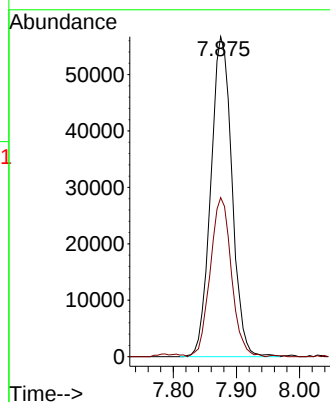
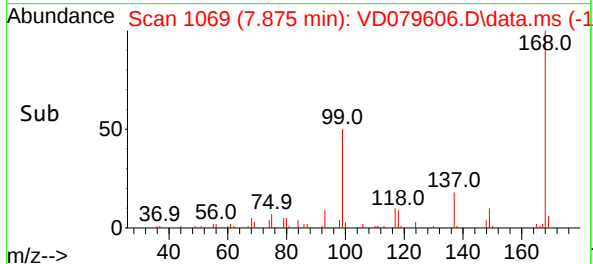


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

Instrument :
MSVOA_D
ClientSampleId :

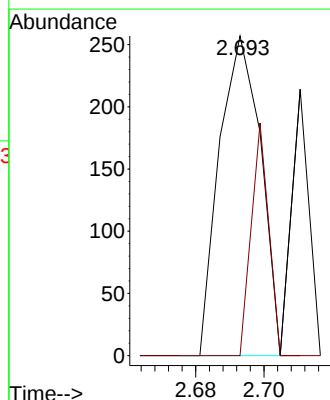
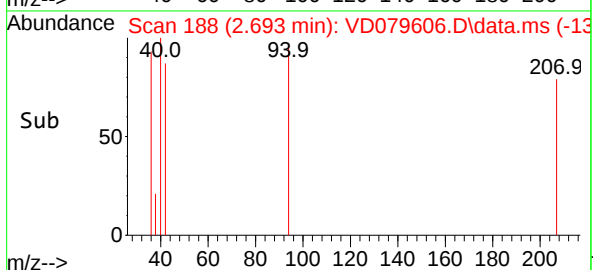
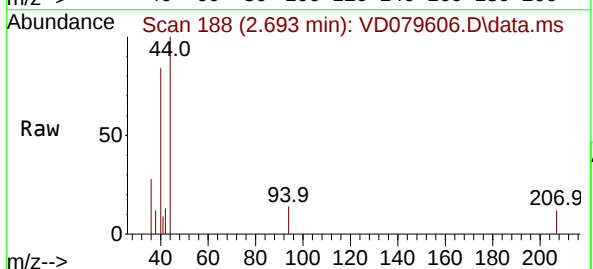


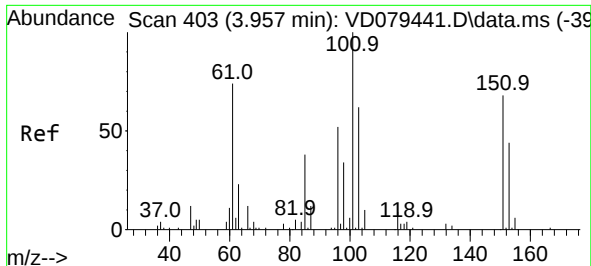
Tgt Ion:168 Resp: 132075
Ion Ratio Lower Upper
168 100
99 49.4 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

Tgt Ion: 94 Resp: 216
Ion Ratio Lower Upper
94 100
96 30.6 76.9 115.3#

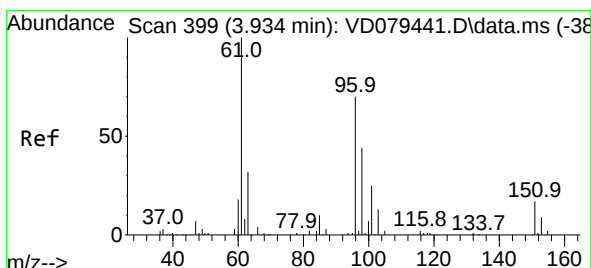
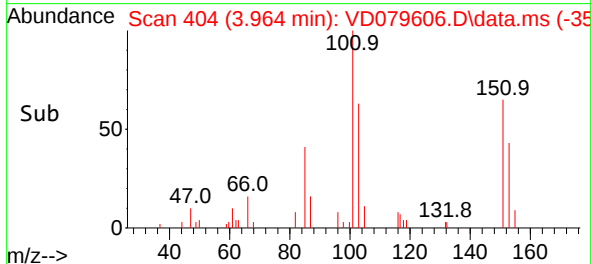
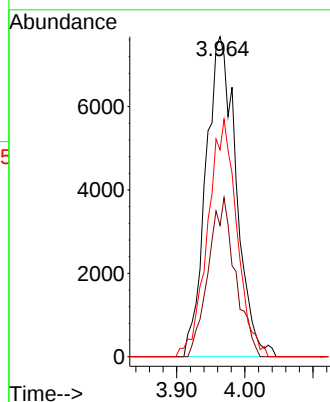
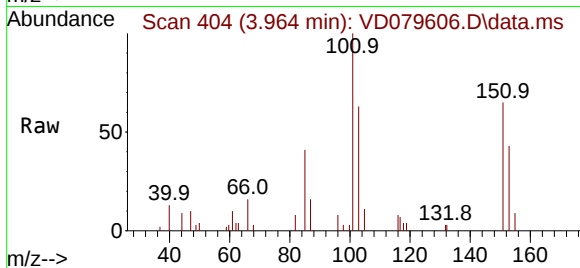




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.659 ug/l
RT: 3.964 min Scan# 40
Delta R.T. -0.000 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

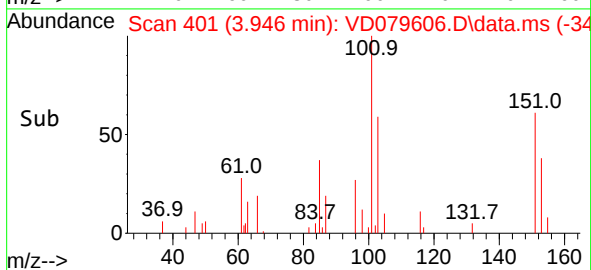
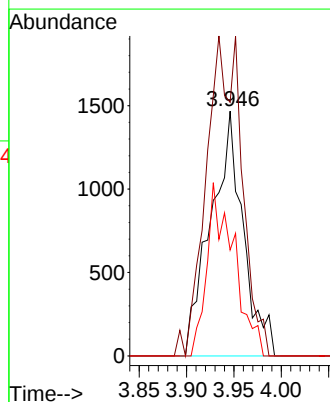
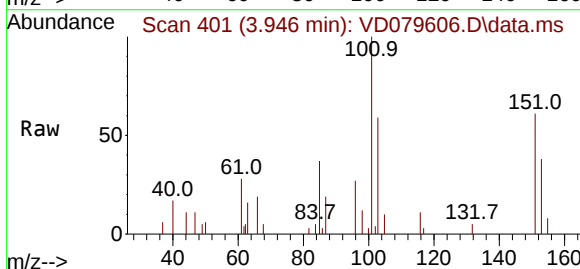
Instrument :
MSVOA_D
ClientSampleId :

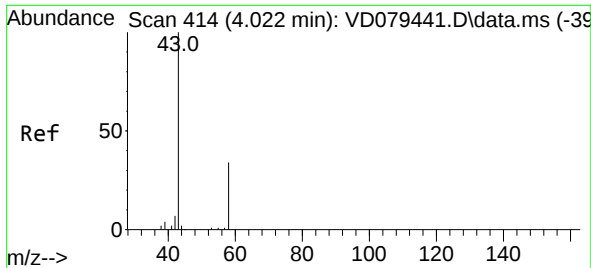
Tgt Ion:101 Resp: 23756
Ion Ratio Lower Upper
101 100
85 44.2 33.5 50.3
151 71.3 60.3 90.5



#12
1,1-Dichloroethene
Concen: 2.441 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.018 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

Tgt Ion: 96 Resp: 3483
Ion Ratio Lower Upper
96 100
61 103.6 107.3 160.9#
98 43.3 51.7 77.5#

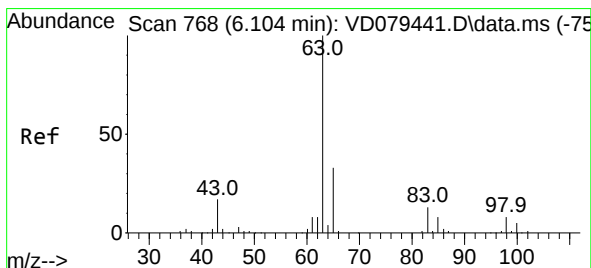
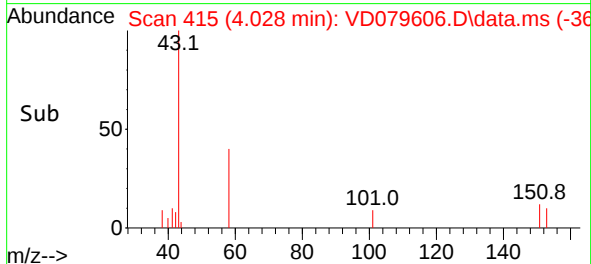
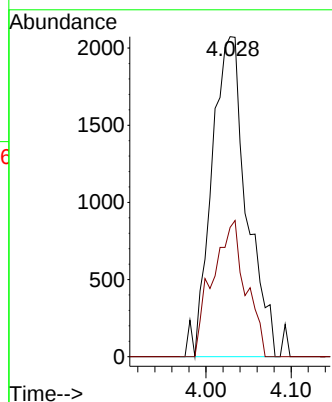
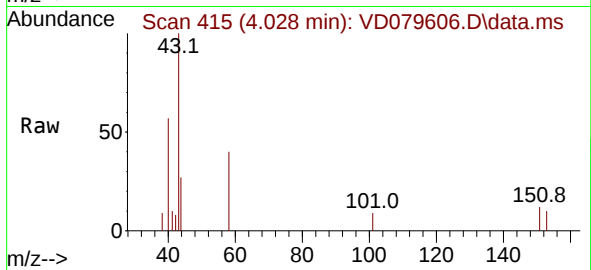




#16
Acetone
Concen: 22.745 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

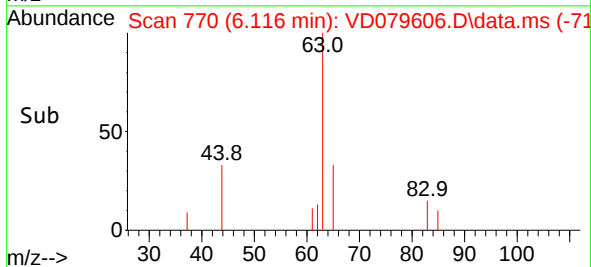
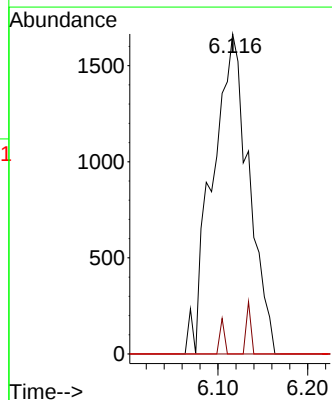
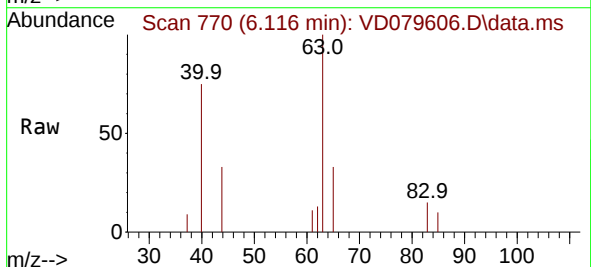
Instrument :
MSVOA_D
ClientSampleId :

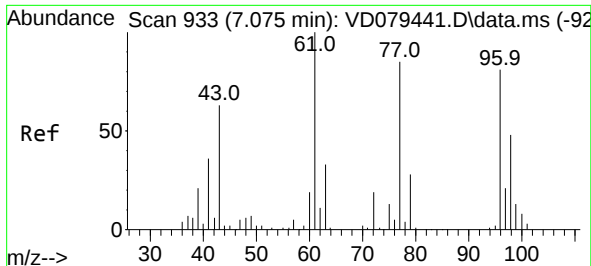
Tgt Ion: 43 Resp: 5931
Ion Ratio Lower Upper
43 100
58 40.4 30.4 45.6



#24
1,1-Dichloroethane
Concen: 1.669 ug/l
RT: 6.116 min Scan# 770
Delta R.T. 0.012 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

Tgt Ion: 63 Resp: 4690
Ion Ratio Lower Upper
63 100
98 0.0 4.7 14.0#
100 0.0 2.9 8.6#

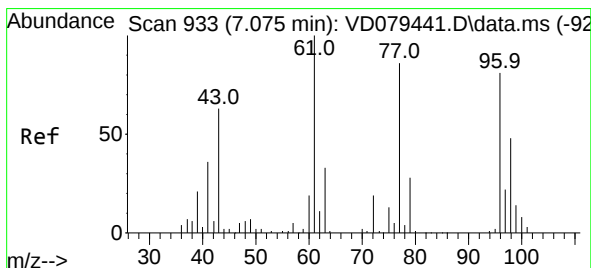
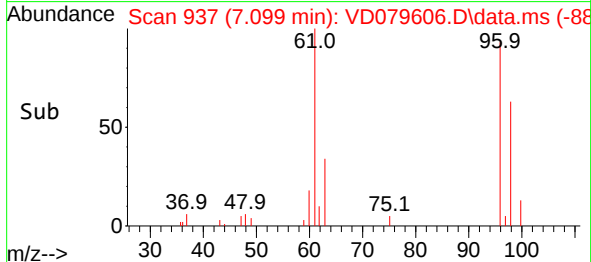
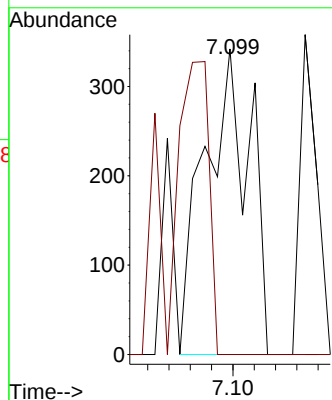
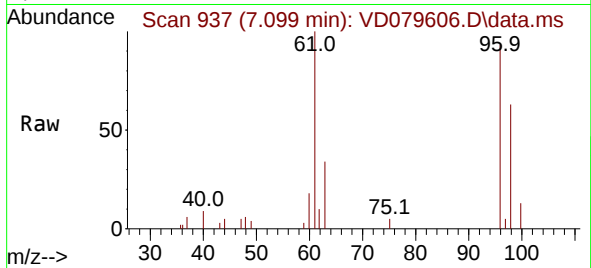




#25
2-Butanone
Concen: 1.366 ug/l
RT: 7.099 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

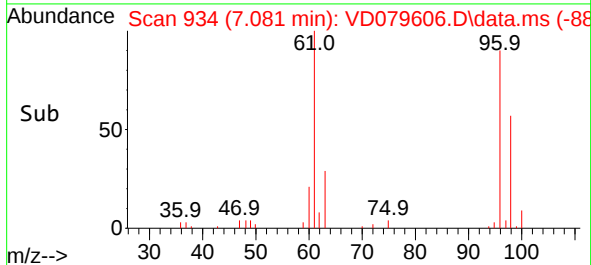
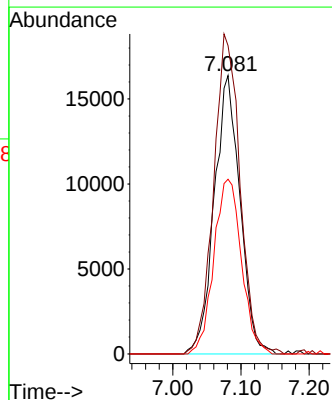
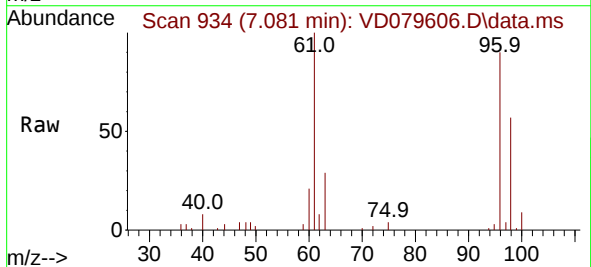
Instrument :
MSVOA_D
ClientSampleId :

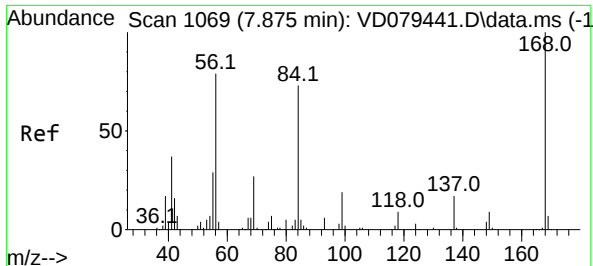
Tgt Ion: 43 Resp: 505
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



#27
cis-1,2-Dichloroethene
Concen: 23.459 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

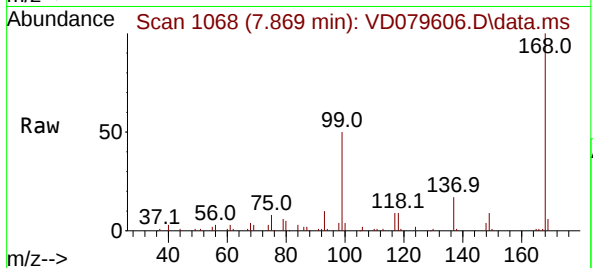
Tgt Ion: 96 Resp: 42987
Ion Ratio Lower Upper
96 100
61 117.4 0.0 229.0
98 67.4 0.0 127.2



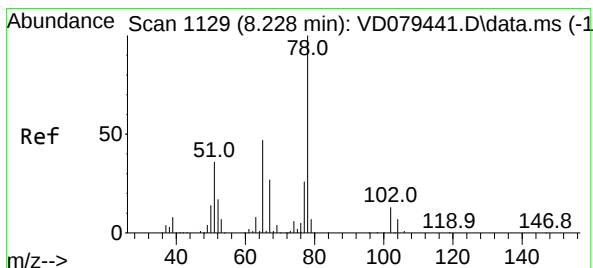
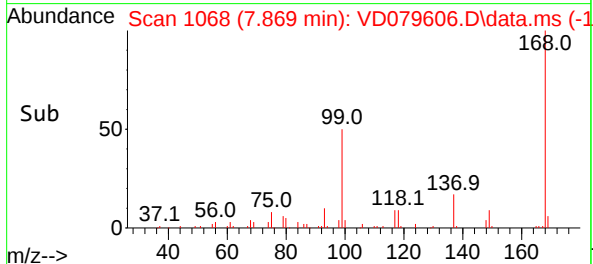
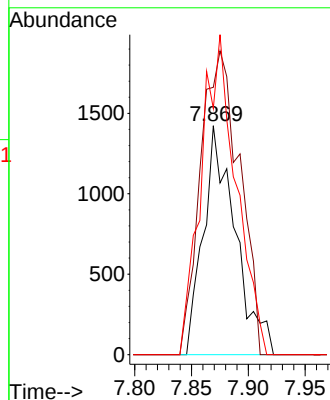


#31
Cyclohexane
Concen: 1.248 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

Instrument :
MSVOA_D
ClientSampleId :

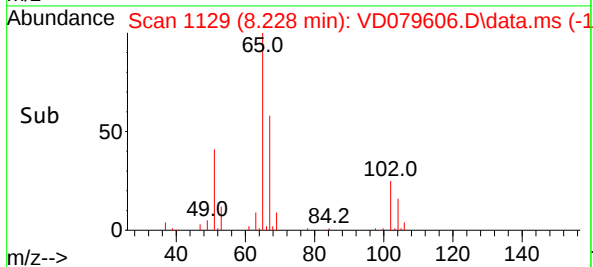
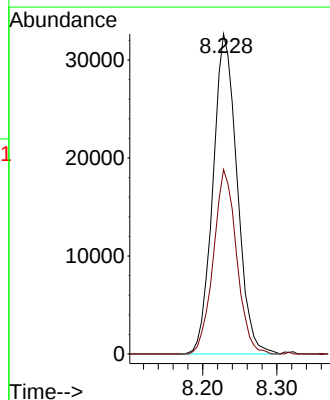
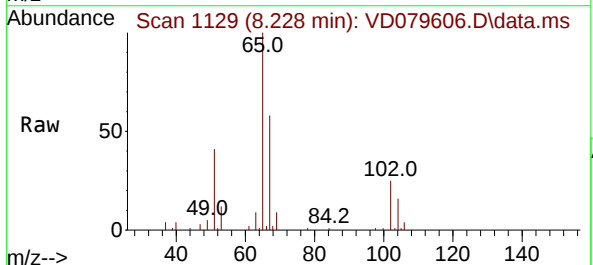


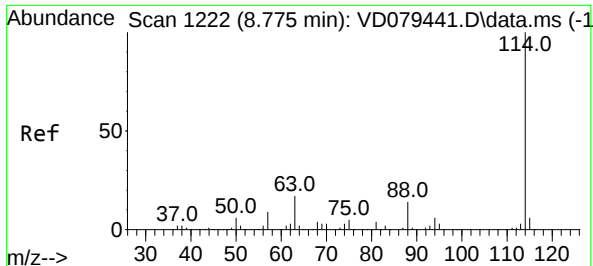
Tgt Ion: 56 Resp: 2782
Ion Ratio Lower Upper
56 100
69 116.8 28.0 42.0#
84 107.5 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 54.976 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

Tgt Ion: 65 Resp: 73764
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079606.D

Acq: 06 Aug 2024 04:39

Instrument :

MSVOA_D

ClientSampleId :

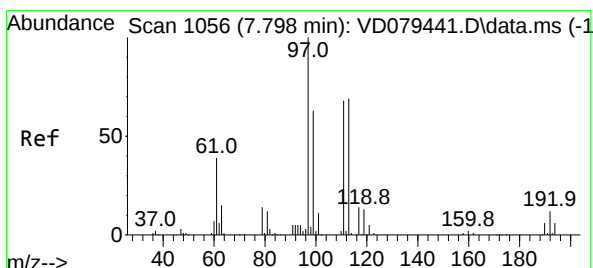
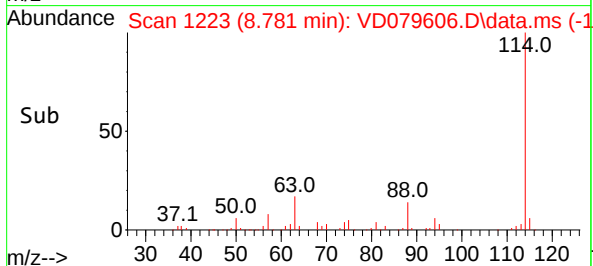
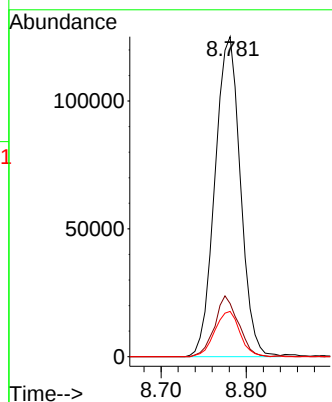
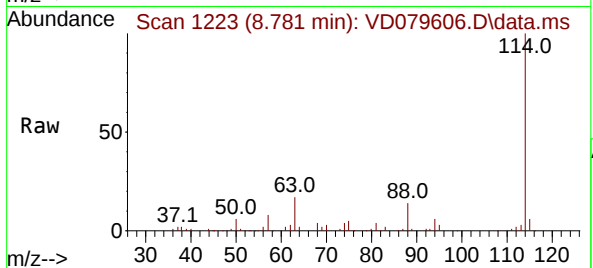
Tgt Ion:114 Resp: 259696

Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.992 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079606.D

Acq: 06 Aug 2024 04:39

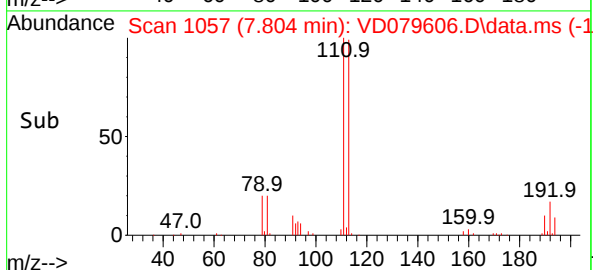
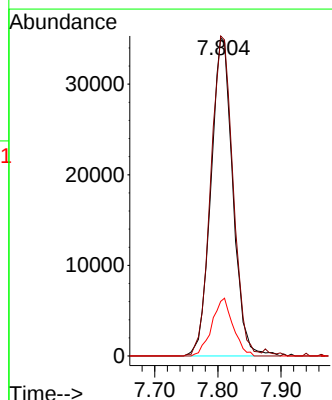
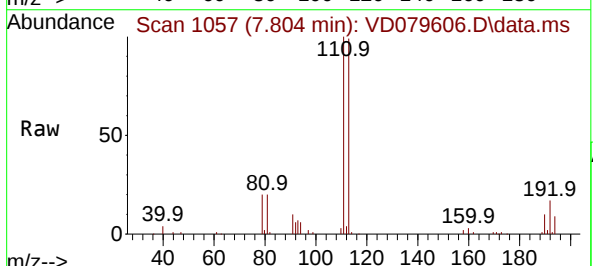
Tgt Ion:113 Resp: 84357

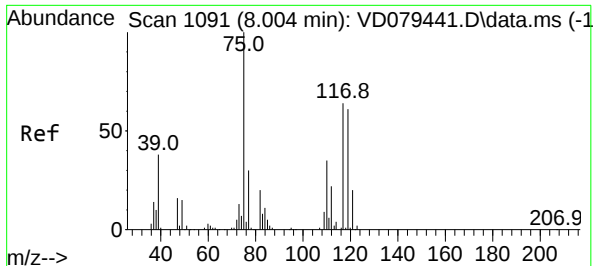
Ion Ratio Lower Upper

113 100

111 102.1 84.0 126.0

192 17.6 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.088 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.129 min

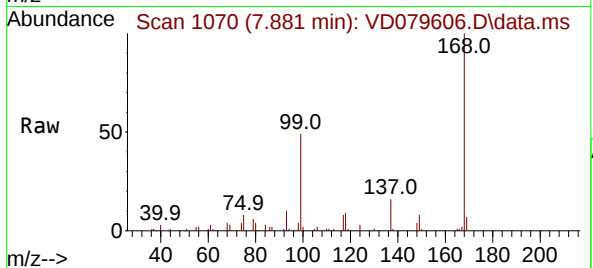
Lab File: VD079606.D

Acq: 06 Aug 2024 04:39

Instrument :

MSVOA_D

ClientSampleId :



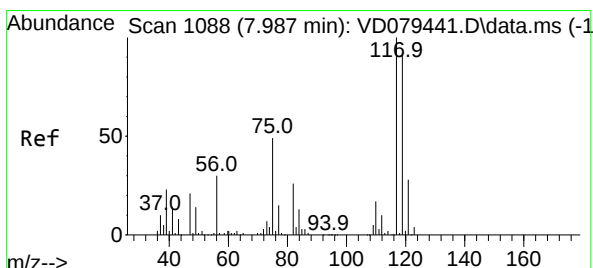
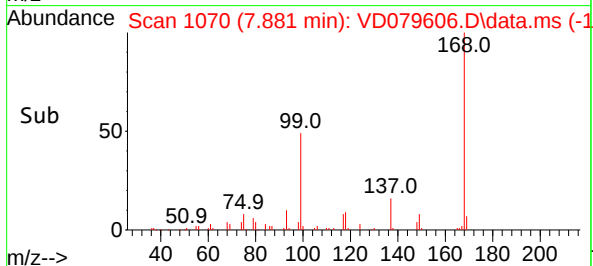
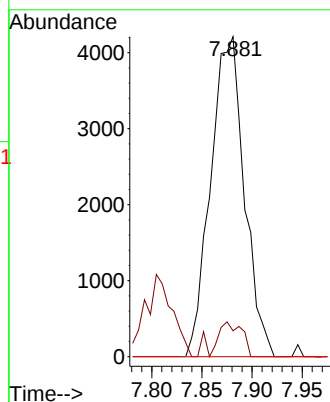
Tgt Ion: 75 Resp: 9808

Ion Ratio Lower Upper

75 100

110 7.4 19.6 58.7#

77 0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 4.758 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD079606.D

Acq: 06 Aug 2024 04:39

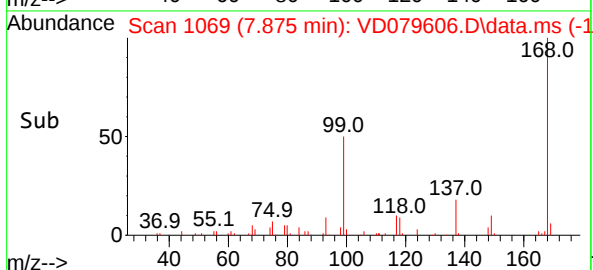
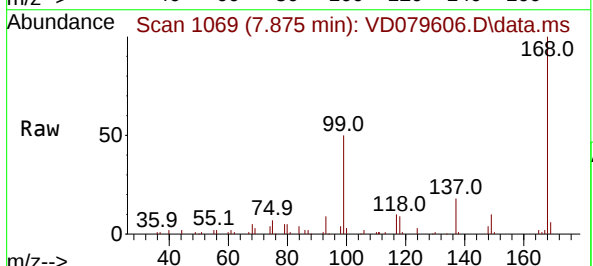
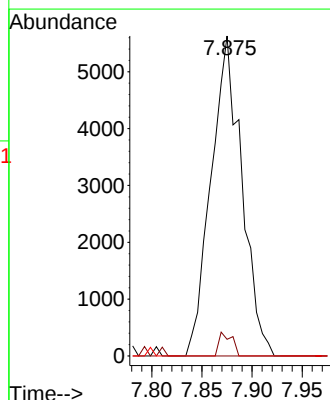
Tgt Ion: 117 Resp: 11999

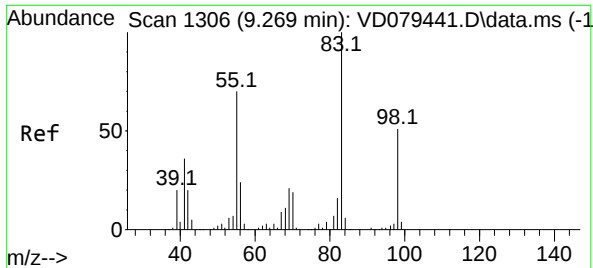
Ion Ratio Lower Upper

117 100

119 5.2 75.4 113.0#

121 0.0 25.0 37.4#

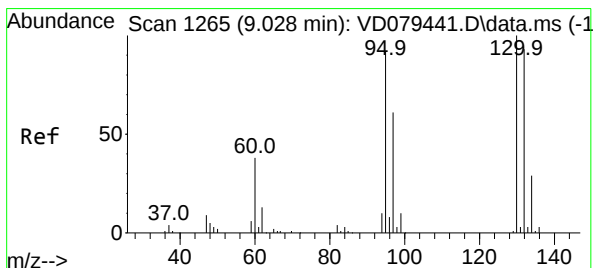
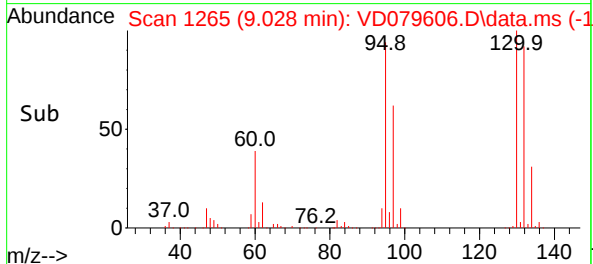
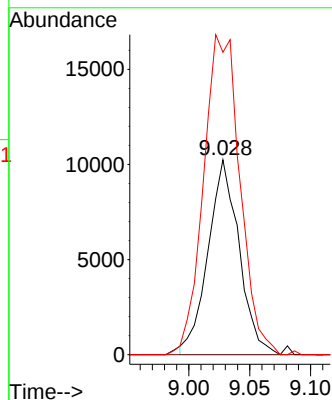
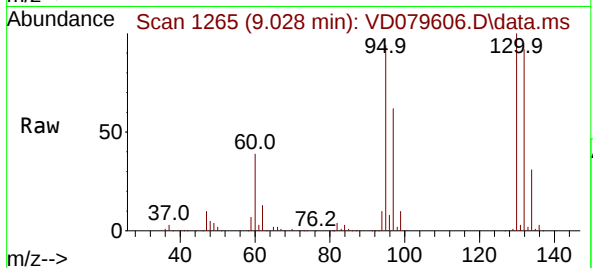




#39
Methylcyclohexane
Concen: 6.346 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.247 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

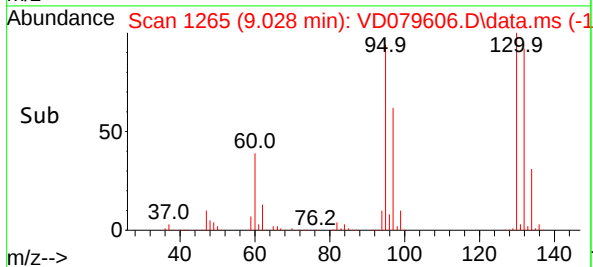
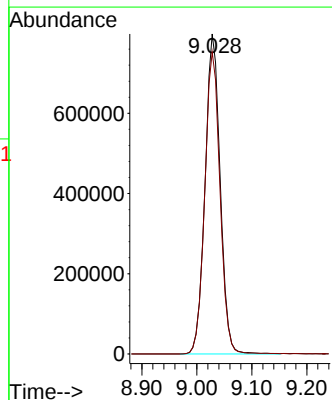
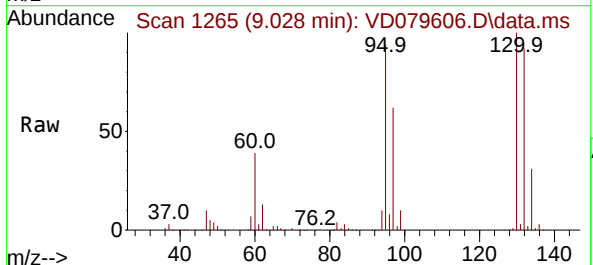
Instrument :
MSVOA_D
ClientSampleId :

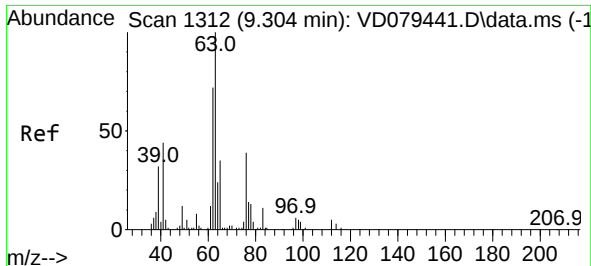
Tgt Ion: 83 Resp: 18166
Ion Ratio Lower Upper
83 100
55 0.0 50.1 75.1#
98 155.1 41.9 62.9#



#44
Trichloroethene
Concen: 801.935 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

Tgt Ion:130 Resp: 1521182
Ion Ratio Lower Upper
130 100
95 94.3 0.0 177.8

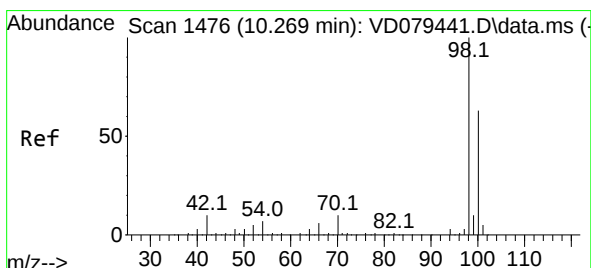
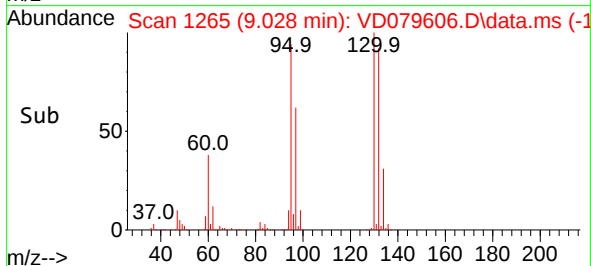
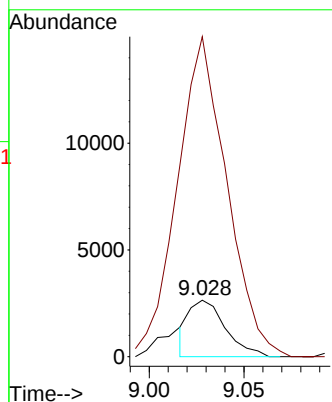
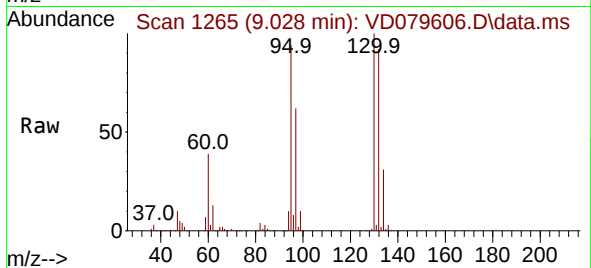




#45
1,2-Dichloropropane
Concen: 1.911 ug/l
RT: 9.028 min Scan# 11
Delta R.T. -0.271 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

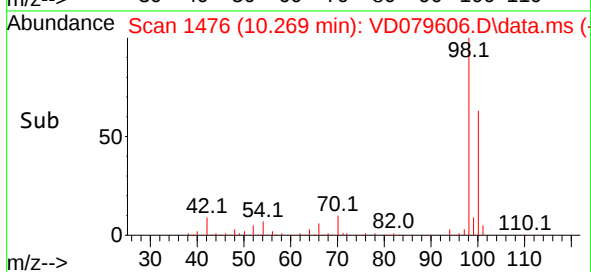
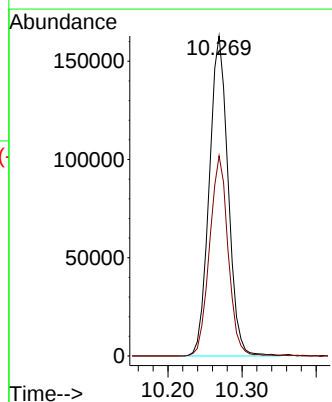
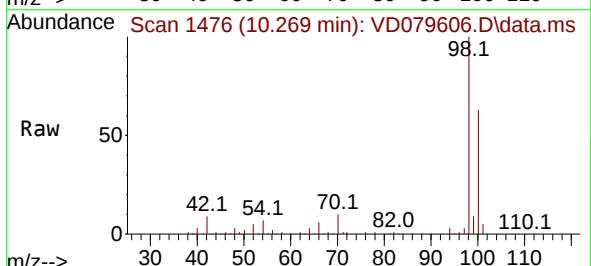
Instrument :
MSVOA_D
ClientSampleId :

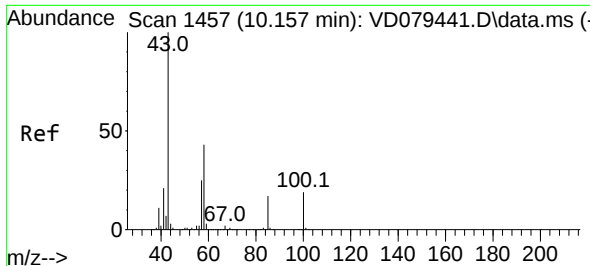
Tgt Ion: 63 Resp: 3543
Ion Ratio Lower Upper
63 100
65 557.3 23.8 35.8#



#50
Toluene-d8
Concen: 42.181 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

Tgt Ion: 98 Resp: 287928
Ion Ratio Lower Upper
98 100
100 61.6 51.6 77.4

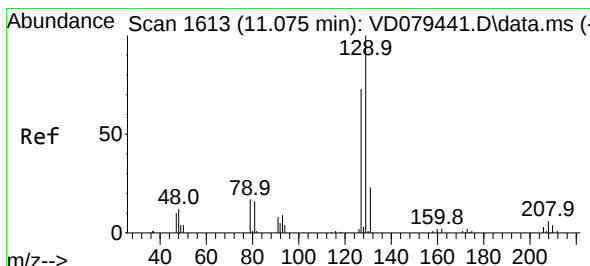
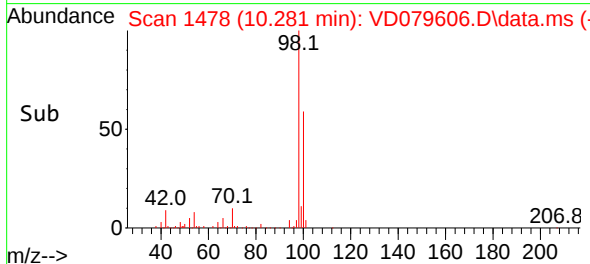
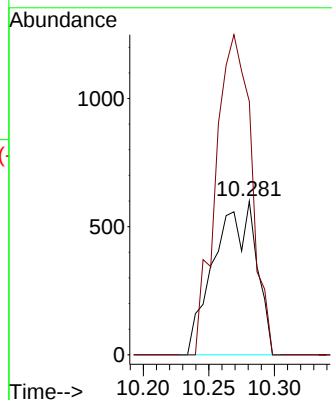
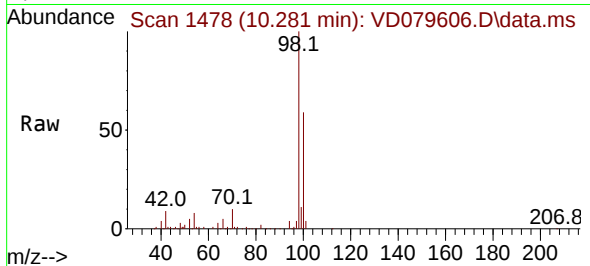




#51
4-Methyl-2-Pentanone
Concen: 1.411 ug/l
RT: 10.281 min Scan# 1457
Delta R.T. 0.123 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

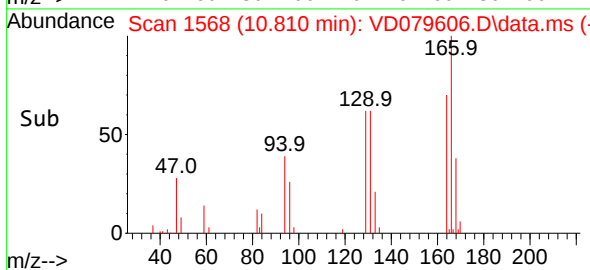
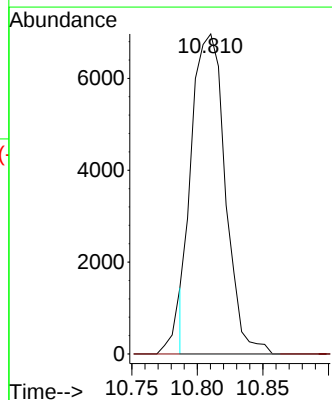
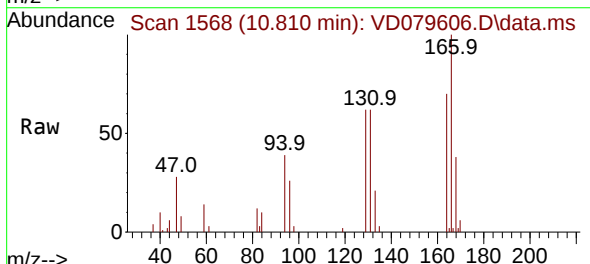
Instrument :
MSVOA_D
ClientSampleId :

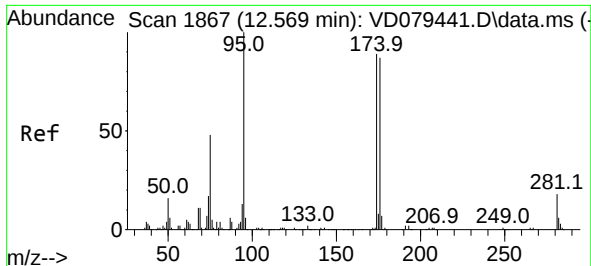
Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
58 176.7 36.6 55.0#



#60
Dibromochloromethane
Concen: 7.004 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.259 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

Tgt Ion:129 Resp: 12390
Ion Ratio Lower Upper
129 100
127 0.0 38.0 113.9#

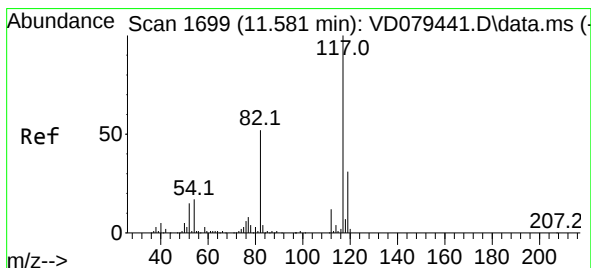
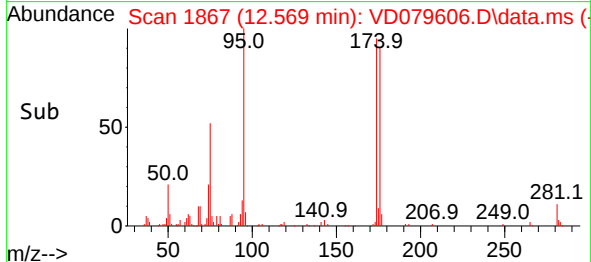
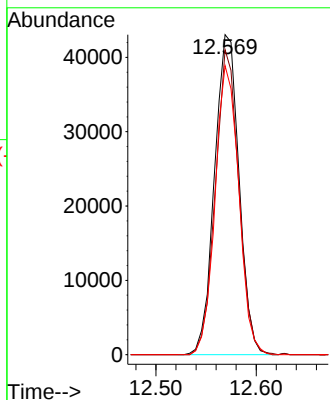
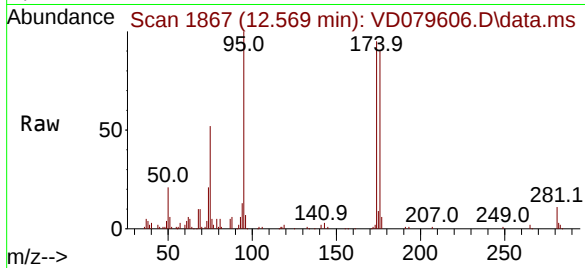




#62
4-Bromofluorobenzene
Concen: 36.914 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

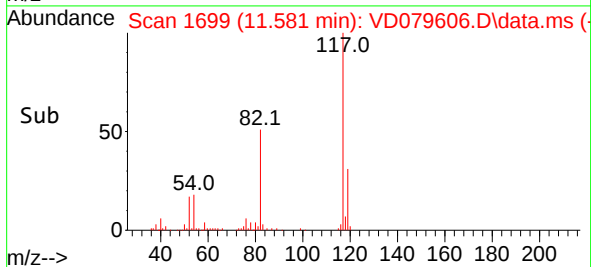
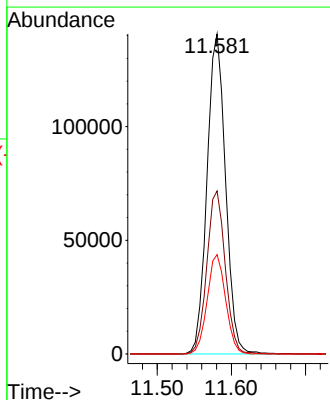
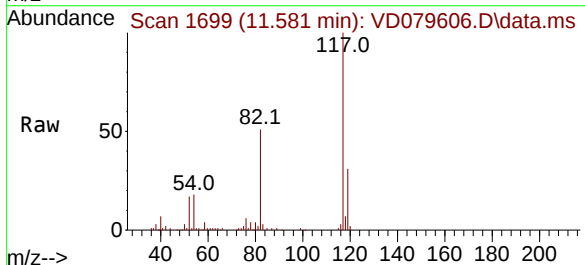
Instrument :
MSVOA_D
ClientSampleId :

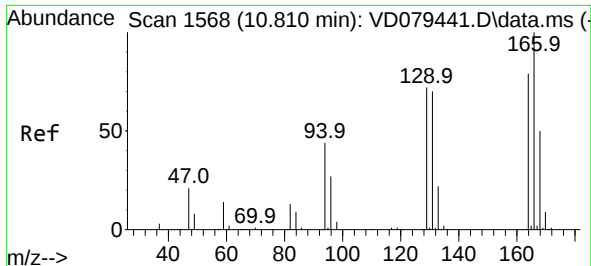
Tgt Ion: 95 Resp: 72917
Ion Ratio Lower Upper
95 100
174 91.2 0.0 195.4
176 87.6 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

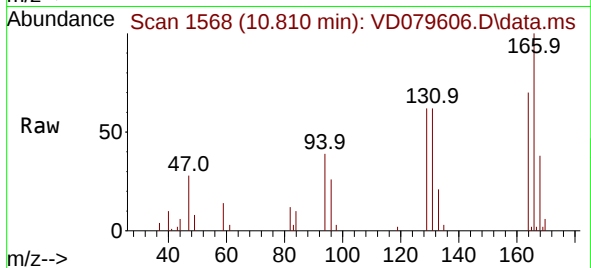
Tgt Ion: 117 Resp: 244374
Ion Ratio Lower Upper
117 100
82 50.9 39.8 59.6
119 31.0 25.7 38.5



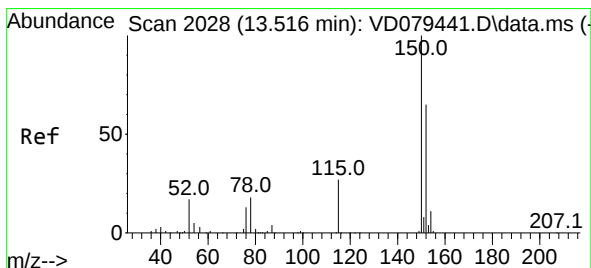
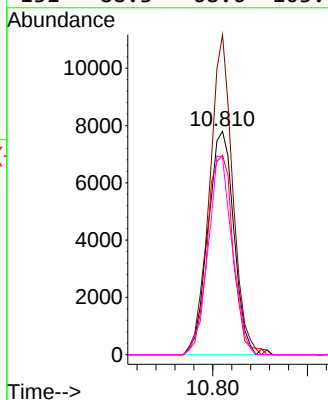
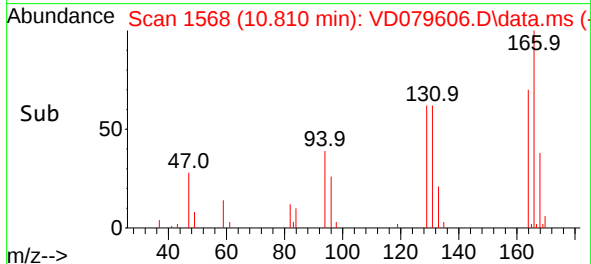


#64
Tetrachloroethene
Concen: 9.023 ug/l
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

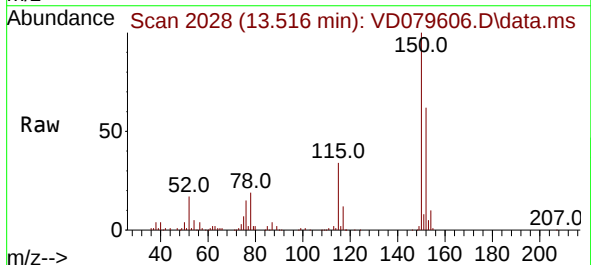
Instrument :
MSVOA_D
ClientSampleId :



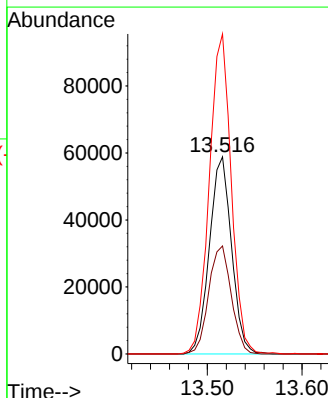
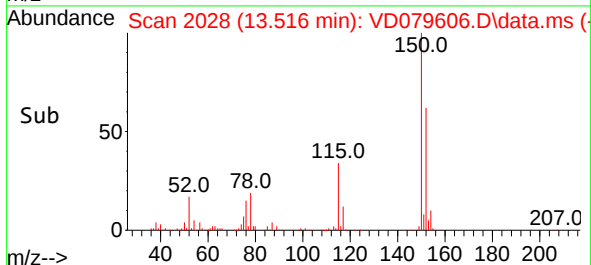
Tgt Ion:164 Resp: 14868
Ion Ratio Lower Upper
164 100
166 143.2 108.6 163.0
129 89.3 74.6 112.0
131 88.3 68.6 103.0

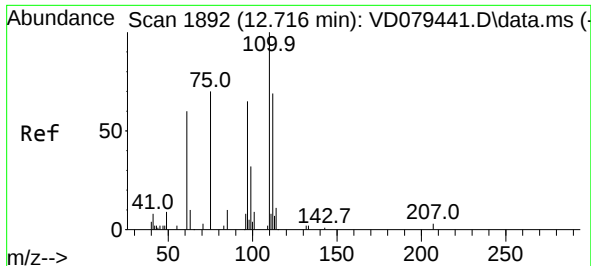


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39



Tgt Ion:152 Resp: 95338
Ion Ratio Lower Upper
152 100
115 55.9 26.5 79.5
150 160.9 0.0 341.6

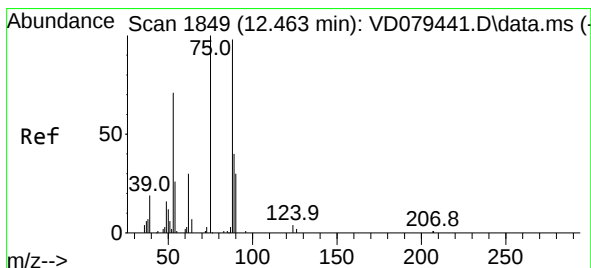
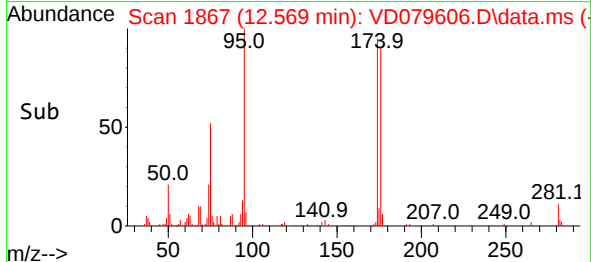
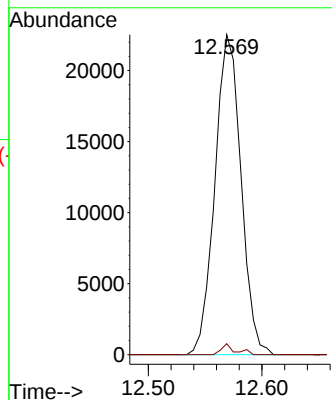
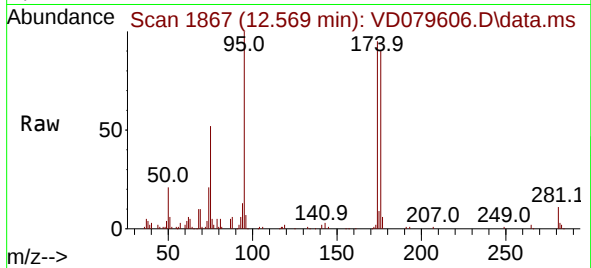




#76
1,2,3-Trichloropropane
Concen: 43.176 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

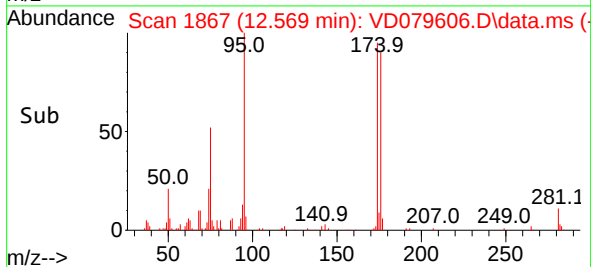
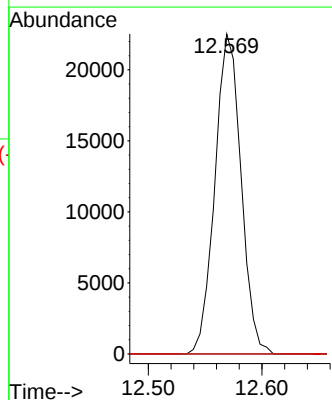
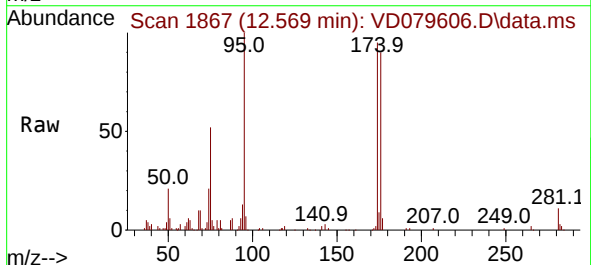
Instrument :
MSVOA_D
ClientSampleId :

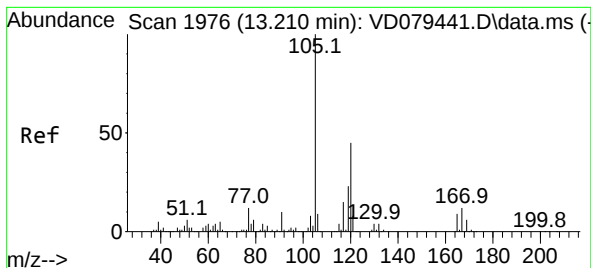
Tgt Ion: 75 Resp: 35981
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.349 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

Tgt Ion: 75 Resp: 35981
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: 3.446 ug/l

RT: 13.198 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD079606.D

Acq: 06 Aug 2024 04:39

Instrument :

MSVOA_D

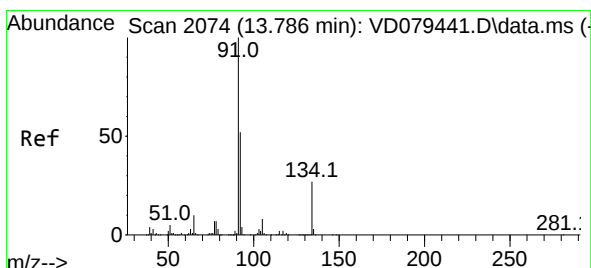
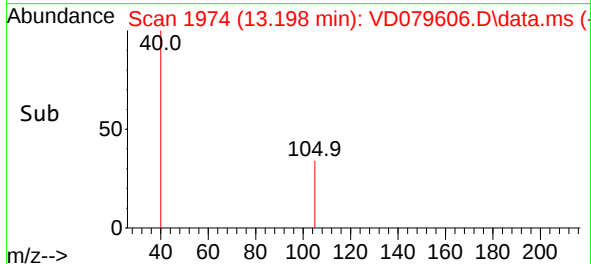
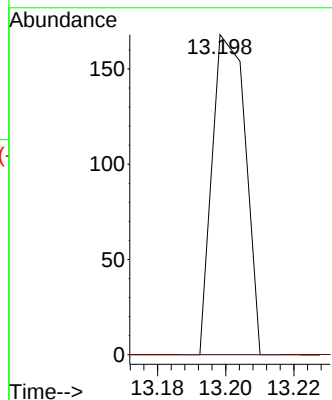
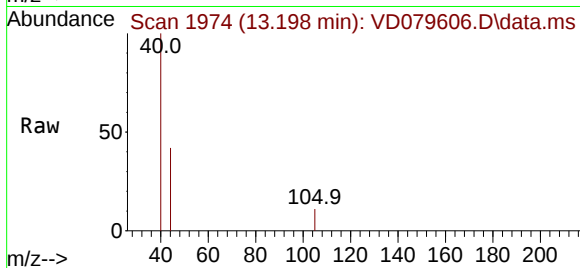
ClientSampleId :

Tgt Ion:105 Resp: 114

Ion Ratio Lower Upper

105 100

120 0.0 23.6 71.0#



#89

n-Butylbenzene

Concen: 3.826 ug/l

RT: 13.504 min Scan# 2026

Delta R.T. -0.277 min

Lab File: VD079606.D

Acq: 06 Aug 2024 04:39

Tgt Ion: 91 Resp: 291

Ion Ratio Lower Upper

91 100

92 0.0 25.7 77.0#

134 0.0 13.6 40.8#

