

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
 Data File : VD075008.D
 Acq On : 21 Nov 2022 17:16
 Operator : VA/SY
 Sample : N5686-01RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 00:19:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

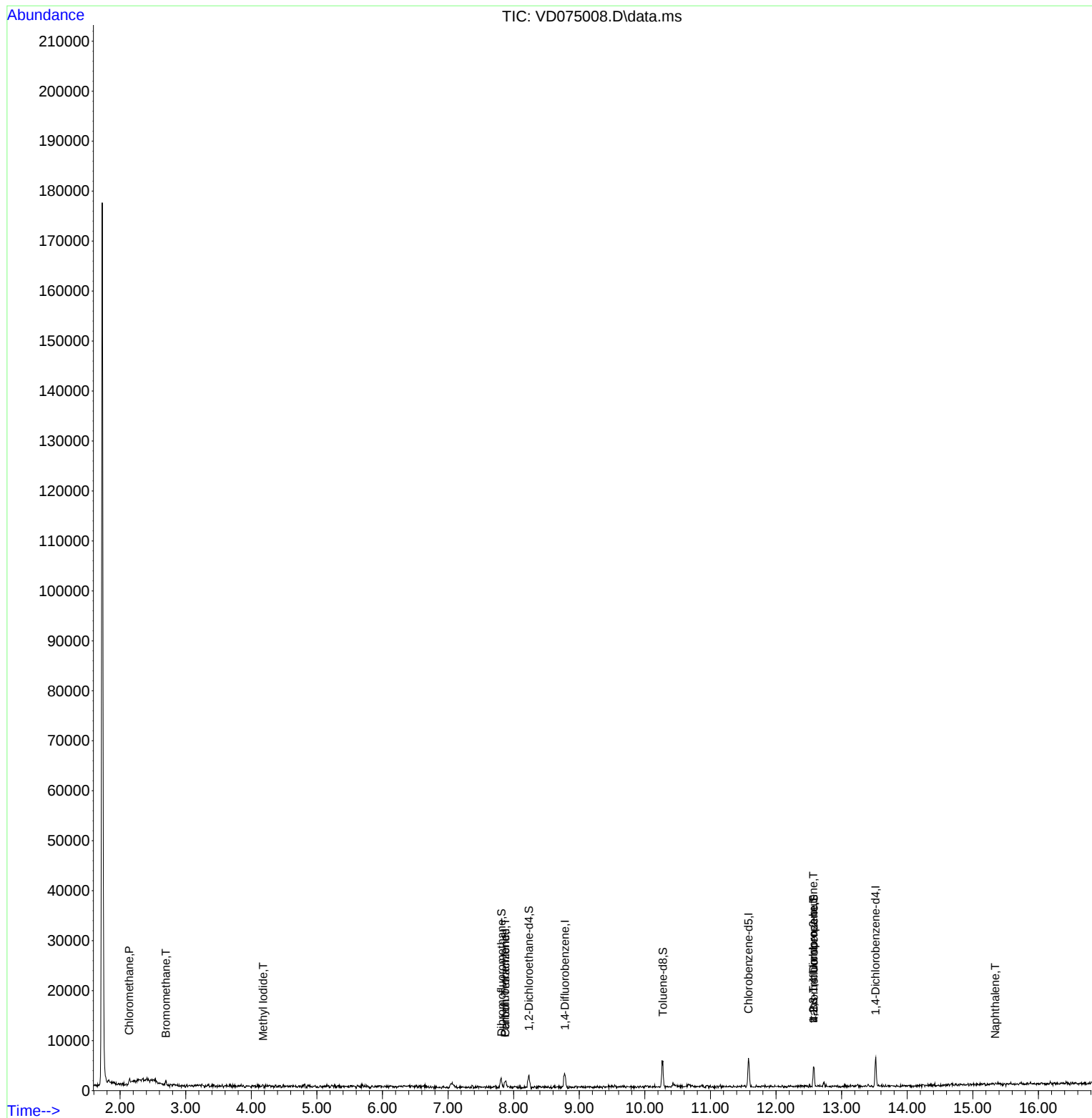
Internal Standards						
1) Pentafluorobenzene	7.869	168	1857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	3969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	4287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2171	192.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 385.740%#	
35) Dibromofluoromethane	7.816	113	1666	68.094	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.180%	
50) Toluene-d8	10.275	98	4517	56.047	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.100%	
62) 4-Bromofluorobenzene	12.575	95	1492	60.289	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	466	21.835	ug/l #	37
5) Bromomethane	2.699	94	360	17.774	ug/l #	74
10) Methyl Iodide	4.181	142	202	12.885	ug/l #	43
20) Methylene Chloride	4.793	84	214	Below Cal	#	62
38) Carbon Tetrachloride	7.875	117	56	1.655	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	583	39.808	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	583	97.928	ug/l #	17
95) Naphthalene	15.339	128	59	1.047	ug/l #	69

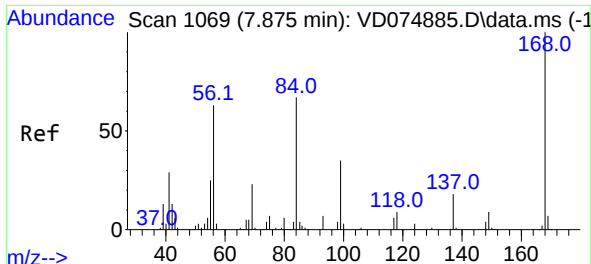
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 14 00:51:58 2022
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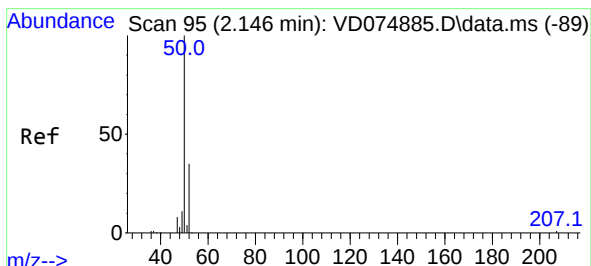
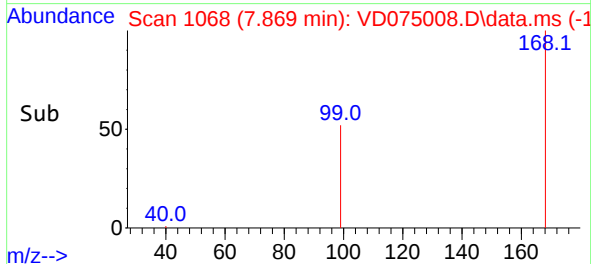
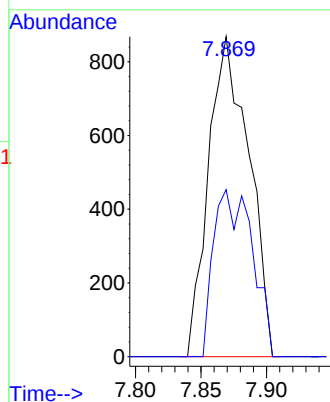
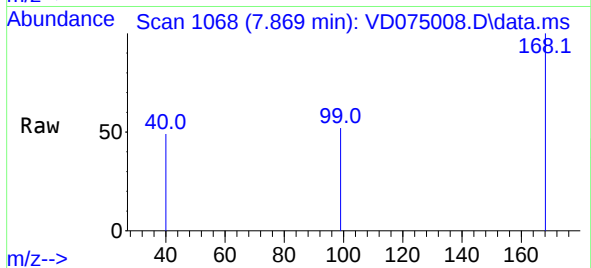




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075008.D
Acq: 21 Nov 2022 17:16

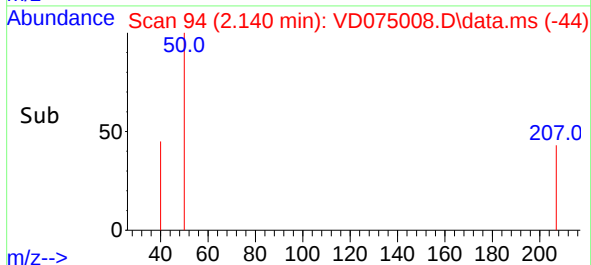
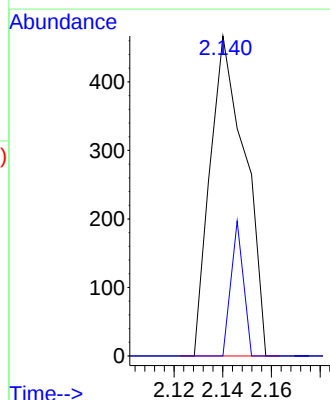
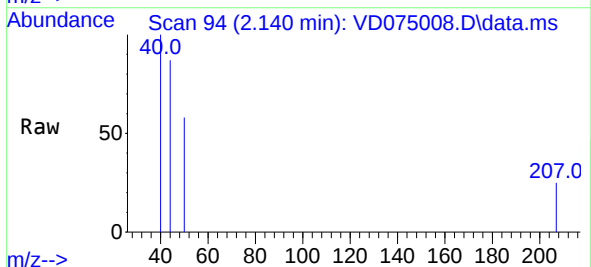
Instrument :
MSVOA_D
ClientSampleId :

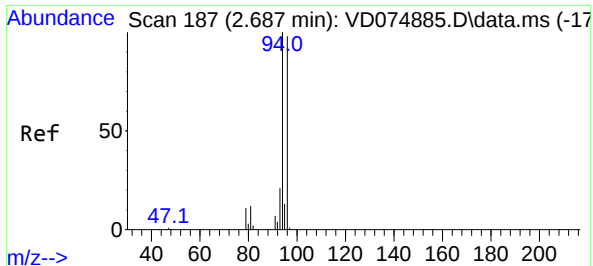
Tgt Ion:168 Resp: 1857
Ion Ratio Lower Upper
168 100
99 52.2 40.9 61.3



#3
Chloromethane
Concen: 21.835 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD075008.D
Acq: 21 Nov 2022 17:16

Tgt Ion: 50 Resp: 466
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

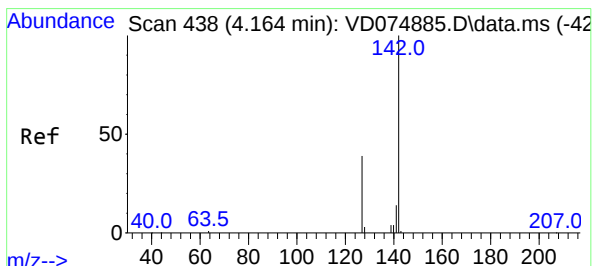
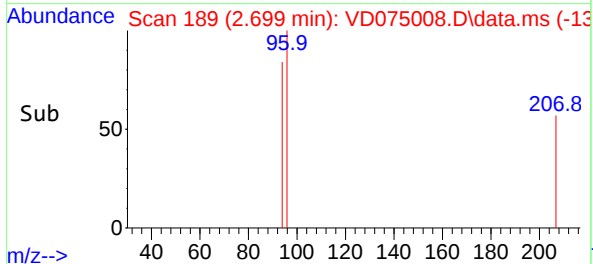
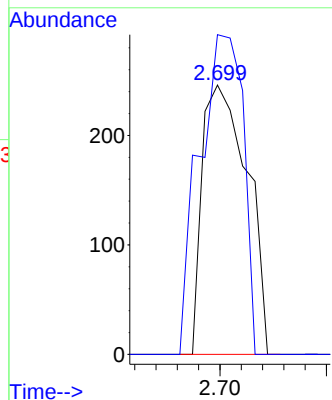
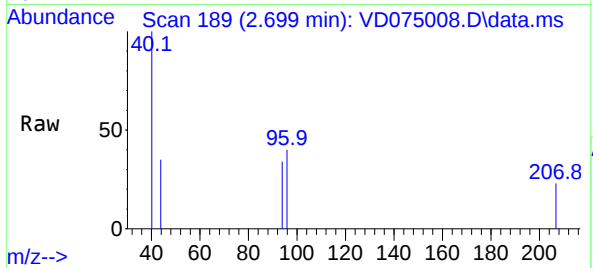




#5
Bromomethane
Concen: 17.774 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD075008.D
Acq: 21 Nov 2022 17:16

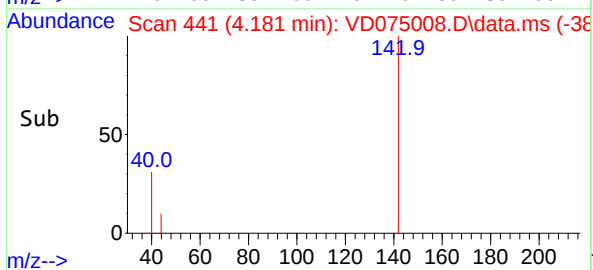
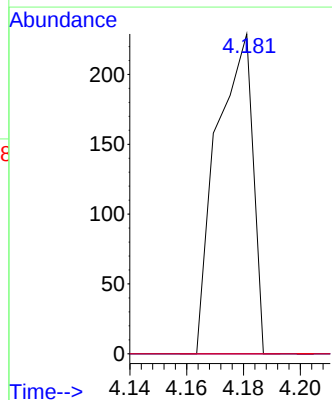
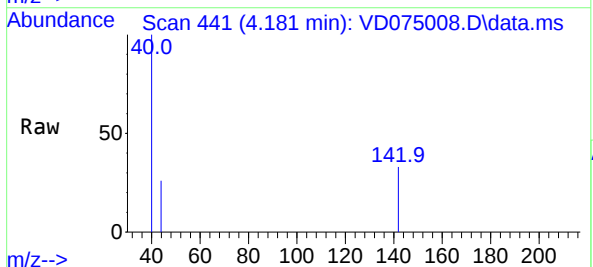
Instrument :
MSVOA_D
ClientSampleId :

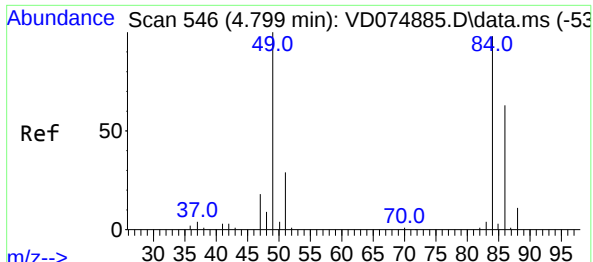
Tgt Ion: 94 Resp: 360
Ion Ratio Lower Upper
94 100
96 118.7 74.6 112.0#



#10
Methyl Iodide
Concen: 12.885 ug/l
RT: 4.181 min Scan# 441
Delta R.T. 0.017 min
Lab File: VD075008.D
Acq: 21 Nov 2022 17:16

Tgt Ion:142 Resp: 202
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.793 min Scan# 54

Delta R.T. -0.006 min

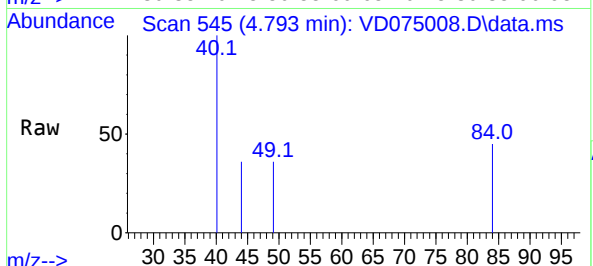
Lab File: VD075008.D

Acq: 21 Nov 2022 17:16

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 84 Resp: 214

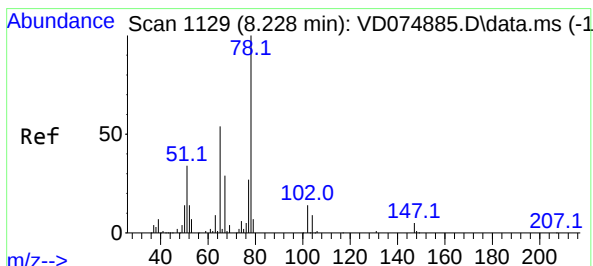
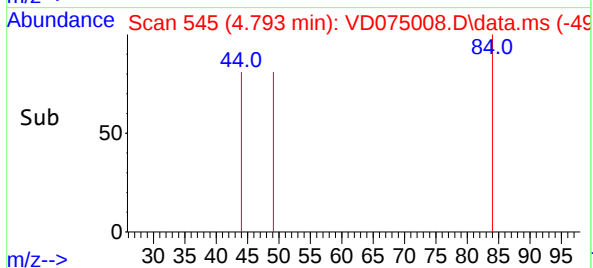
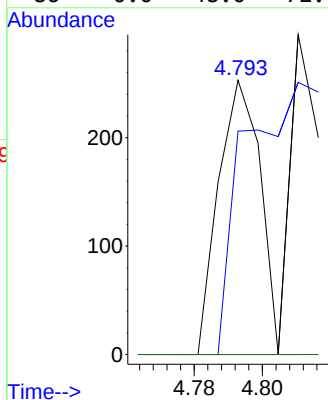
Ion Ratio Lower Upper

84 100

49 81.4 68.0 102.0

51 0.0 23.2 34.8#

86 0.0 48.0 72.0#



#33

1,2-Dichloroethane-d4

Concen: 192.875 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075008.D

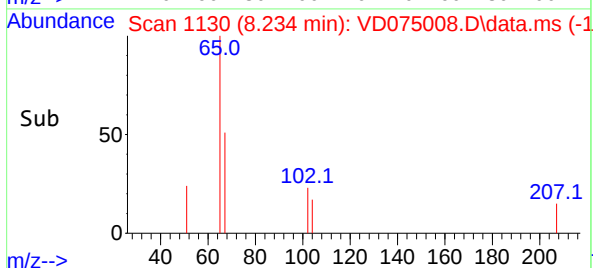
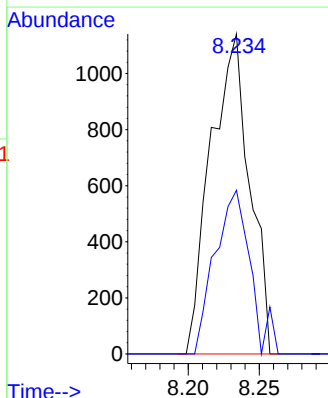
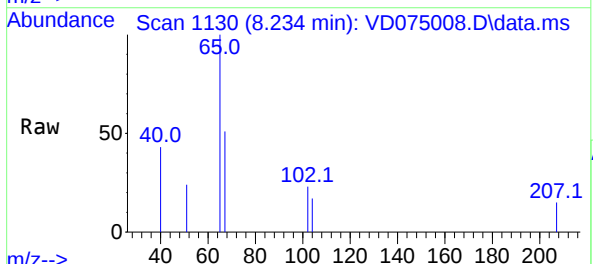
Acq: 21 Nov 2022 17:16

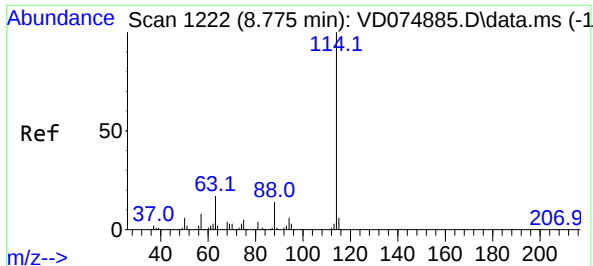
Tgt Ion: 65 Resp: 2171

Ion Ratio Lower Upper

65 100

67 46.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075008.D

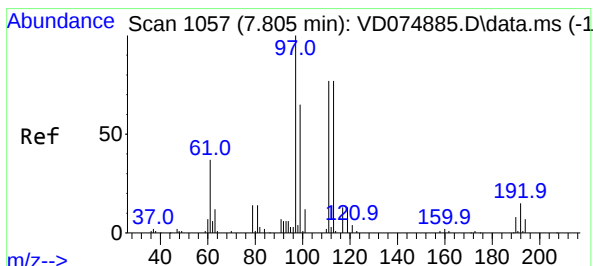
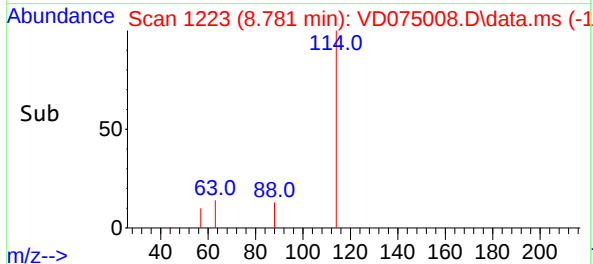
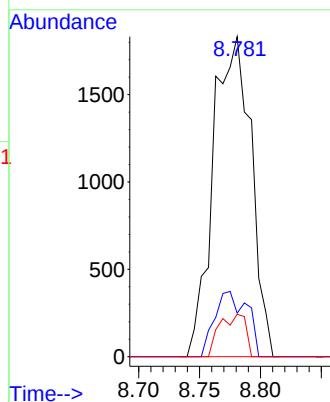
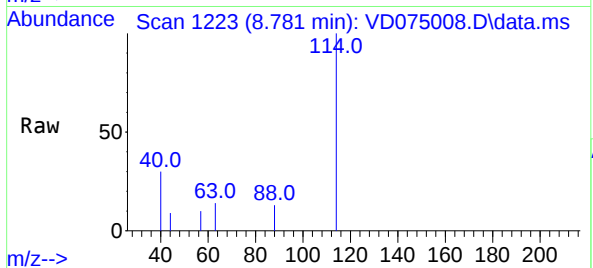
Acq: 21 Nov 2022 17:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	3969
Ion	Ratio	Lower Upper
114	100	
63	13.6	0.0 33.2
88	13.3	0.0 28.2



#35

Dibromofluoromethane

Concen: 68.094 ug/l

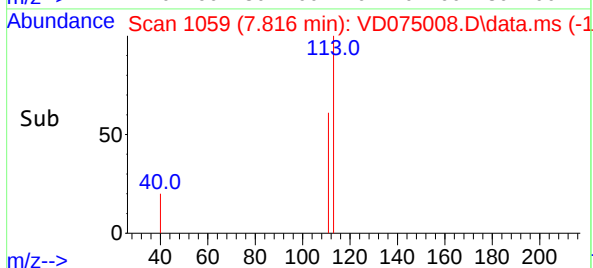
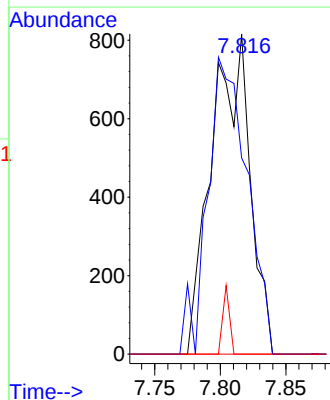
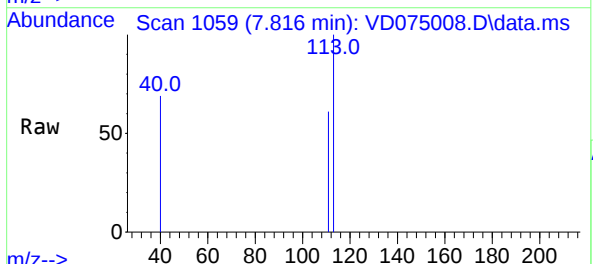
RT: 7.816 min Scan# 1059

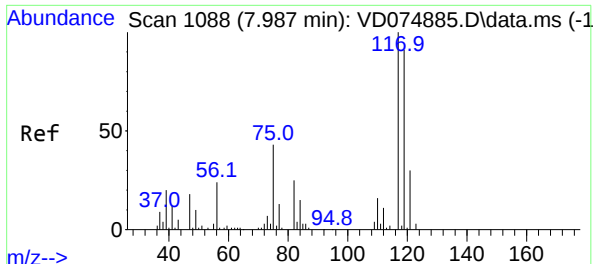
Delta R.T. 0.011 min

Lab File: VD075008.D

Acq: 21 Nov 2022 17:16

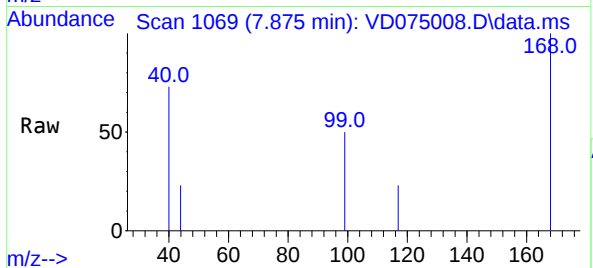
Tgt Ion:113	Resp:	1666
Ion	Ratio	Lower Upper
113	100	
111	95.3	82.3 123.5
192	3.7	16.4 24.6#



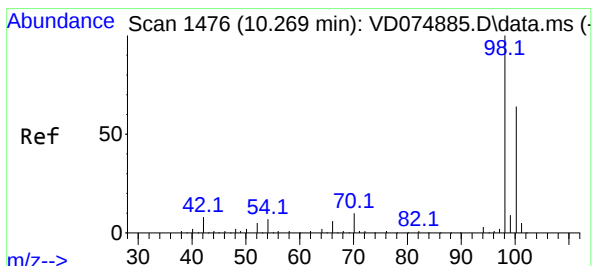
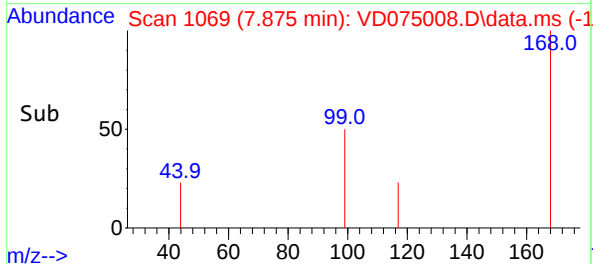
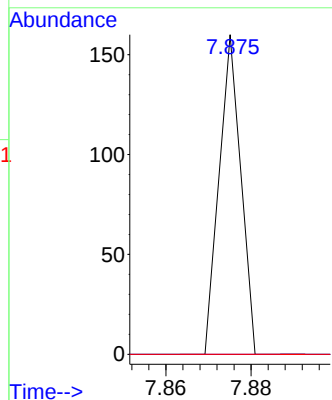


#38
Carbon Tetrachloride
Concen: 1.655 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.112 min
Lab File: VD075008.D
Acq: 21 Nov 2022 17:16

Instrument :
MSVOA_D
ClientSampleId :

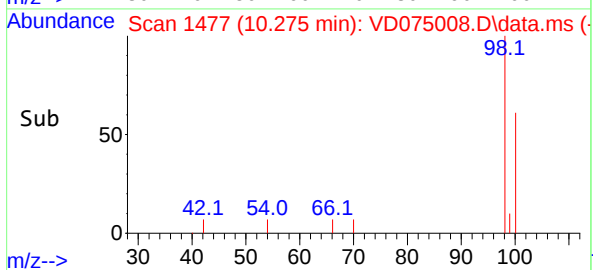
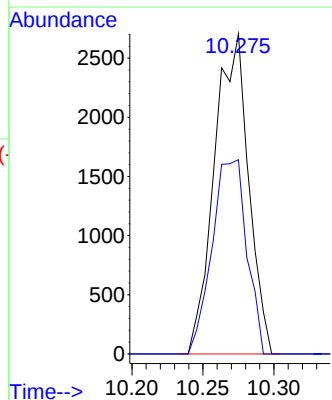
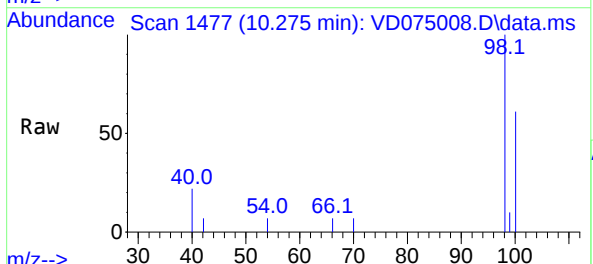


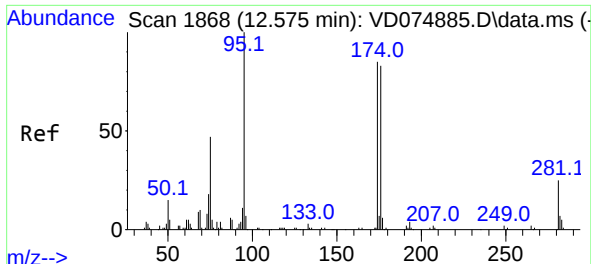
Tgt Ion:117 Resp: 56
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 56.047 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075008.D
Acq: 21 Nov 2022 17:16

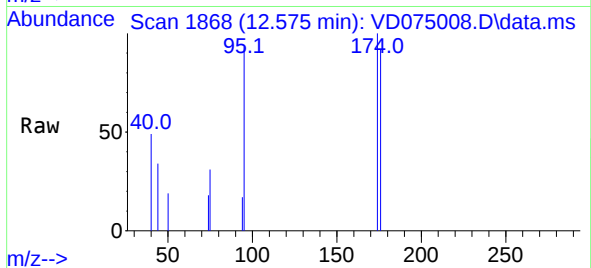
Tgt Ion: 98 Resp: 4517
Ion Ratio Lower Upper
98 100
100 61.7 51.4 77.0



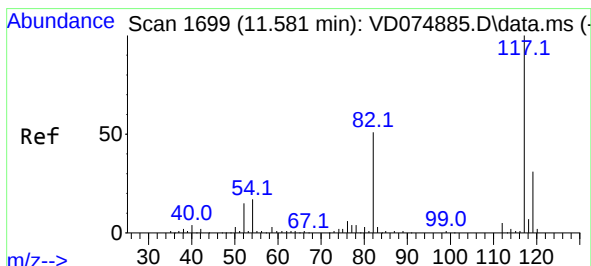
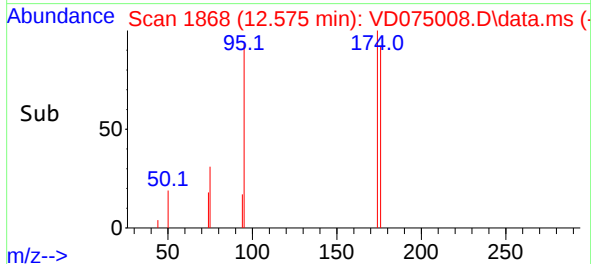
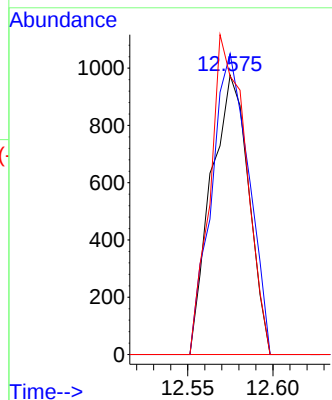


#62
4-Bromofluorobenzene
Concen: 60.289 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075008.D
Acq: 21 Nov 2022 17:16

Instrument :
MSVOA_D
ClientSampleId :

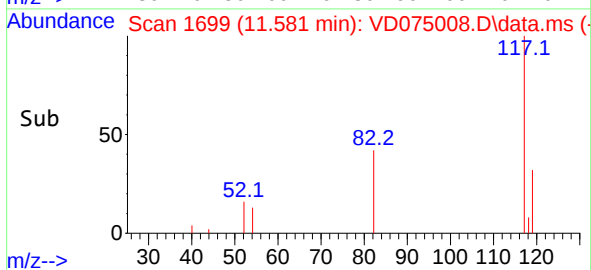
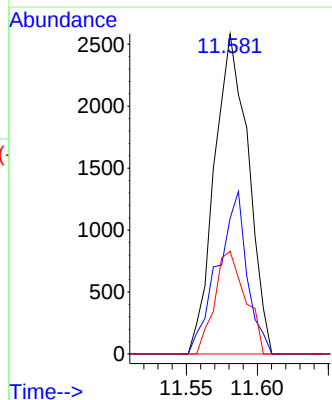
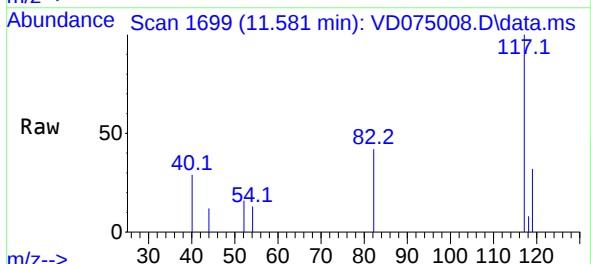


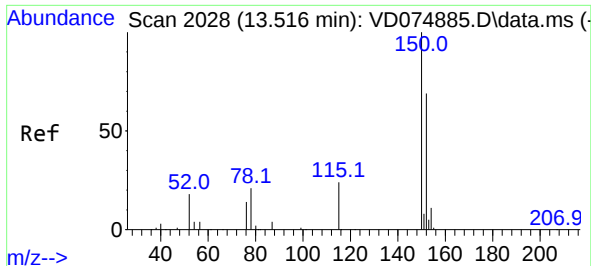
Tgt Ion: 95 Resp: 1492
Ion Ratio Lower Upper
95 100
174 107.2 0.0 197.0
176 108.6 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075008.D
Acq: 21 Nov 2022 17:16

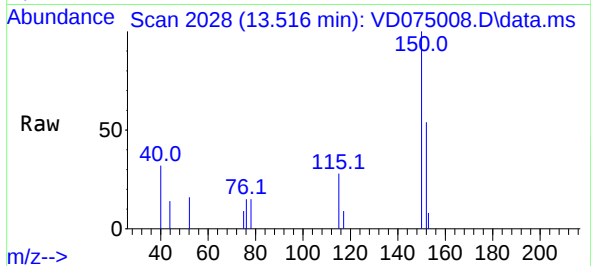
Tgt Ion: 117 Resp: 4287
Ion Ratio Lower Upper
117 100
82 42.4 41.6 62.4
119 32.1 25.2 37.8



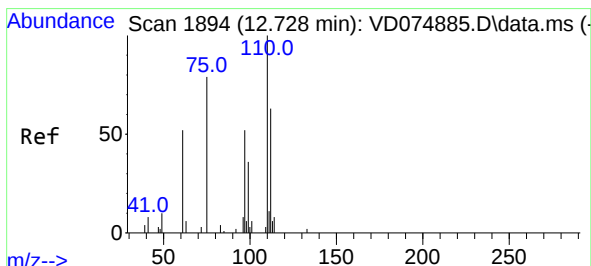
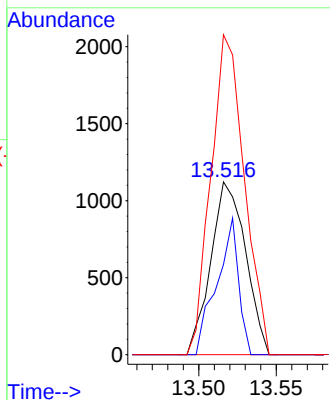
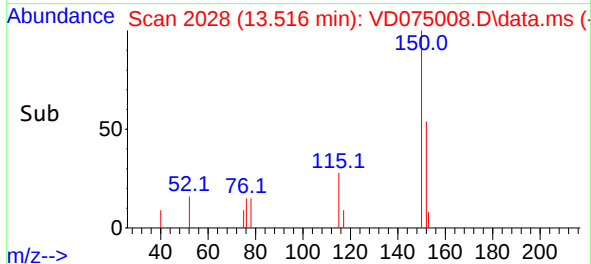


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD075008.D
Acq: 21 Nov 2022 17:16

Instrument :
MSVOA_D
ClientSampleId :

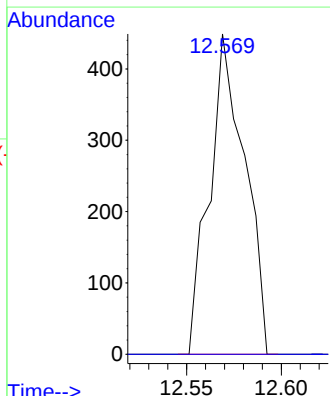
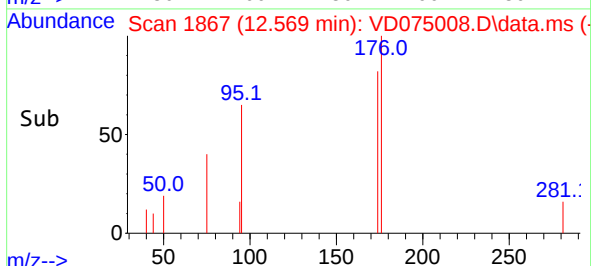
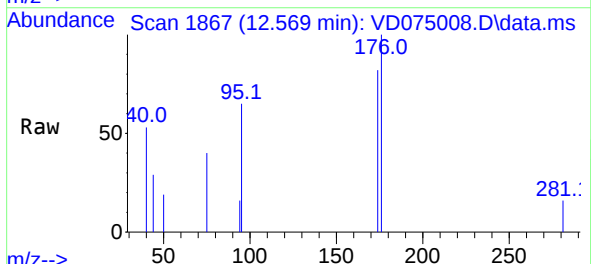


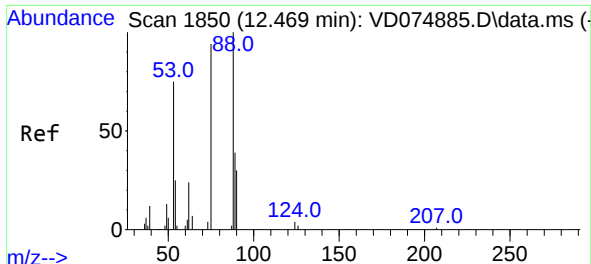
Tgt Ion:152 Resp: 1751
Ion Ratio Lower Upper
152 100
115 49.6 26.8 80.4
150 178.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 39.808 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.159 min
Lab File: VD075008.D
Acq: 21 Nov 2022 17:16

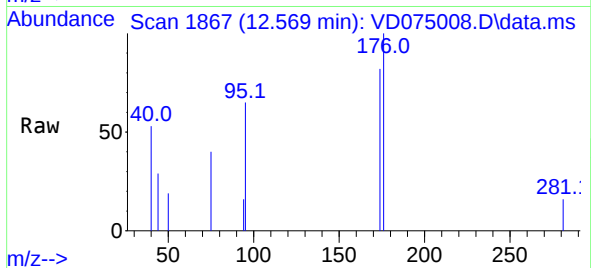
Tgt Ion: 75 Resp: 583
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



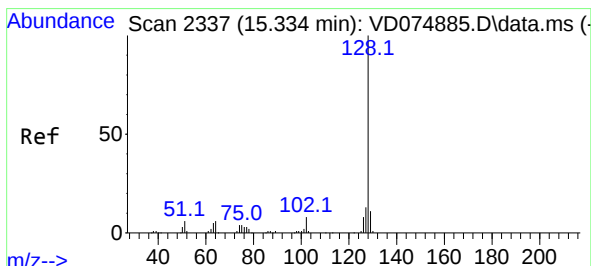
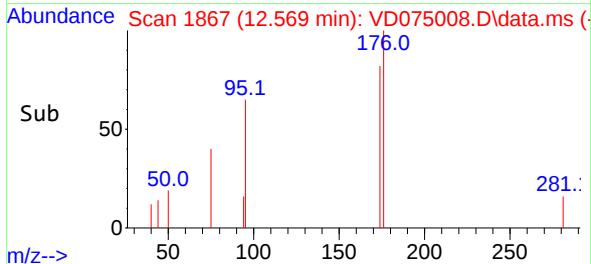
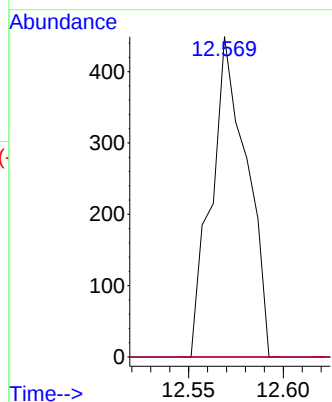


#81
trans-1,4-Dichloro-2-butene
Concen: 97.928 ug/l
RT: 12.569 min Scan# 1850
Delta R.T. 0.100 min
Lab File: VD075008.D
Acq: 21 Nov 2022 17:16

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 583
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.047 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.005 min
Lab File: VD075008.D
Acq: 21 Nov 2022 17:16

Tgt Ion:128 Resp: 59
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.3 12.5#

