

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
 Data File : VD074440.D
 Acq On : 27 Sep 2022 12:52
 Operator : VA/SY
 Sample : N4764-10RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R2

Quant Time: Sep 28 04:39:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

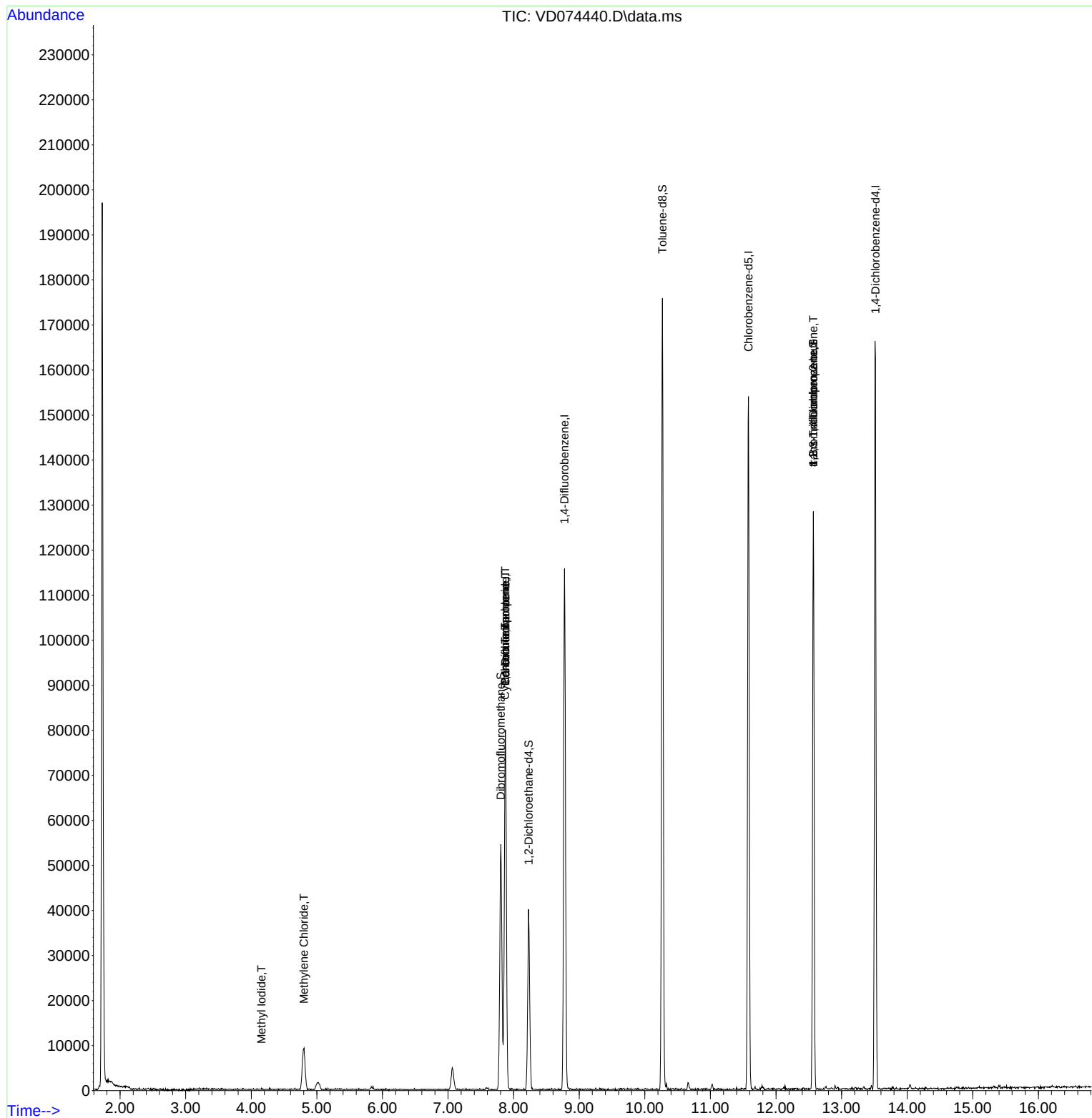
Internal Standards						
1) Pentafluorobenzene	7.875	168	66199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	110995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	97148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	48894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	29843	52.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.720%	
35) Dibromofluoromethane	7.805	113	38527	51.681	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.360%	
50) Toluene-d8	10.269	98	128225	50.799	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.569	95	39845	44.566	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	347	Below Cal	#	37
10) Methyl Iodide	4.158	142	58	7.283	ug/l #	43
11) Tert butyl alcohol	5.005	59	896	Below Cal	#	84
20) Methylene Chloride	4.805	84	8825	4.109	ug/l	95
31) Cyclohexane	7.869	56	1099	1.136	ug/l #	50
36) 1,1-Dichloropropene	7.875	75	4282	4.248	ug/l #	42
38) Carbon Tetrachloride	7.875	117	6332	6.565	ug/l #	19
76) 1,2,3-Trichloropropane	12.569	75	19188	50.175	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	19188	122.438	ug/l #	17

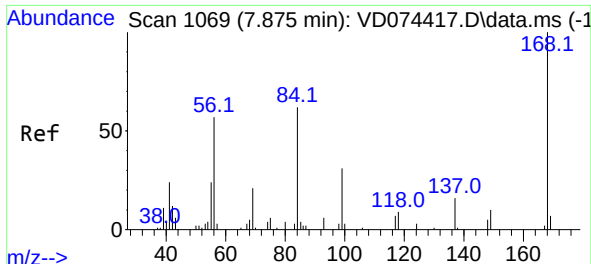
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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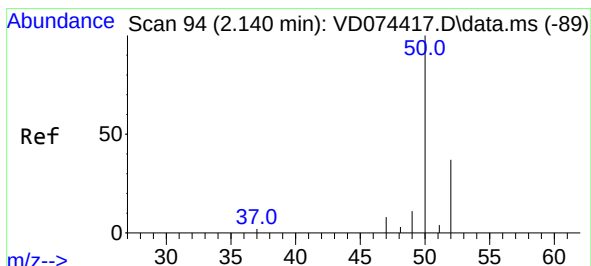
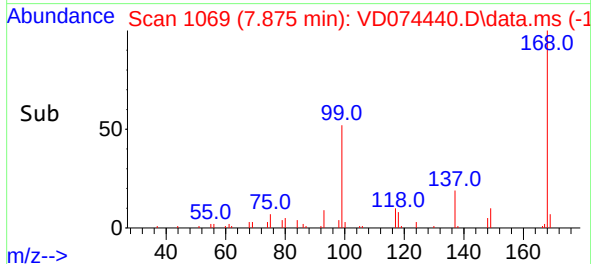
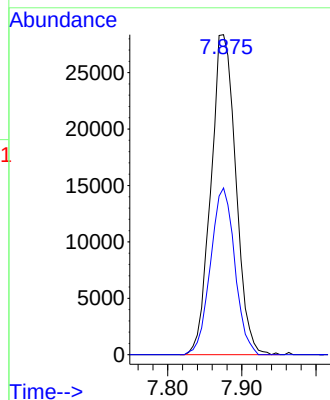
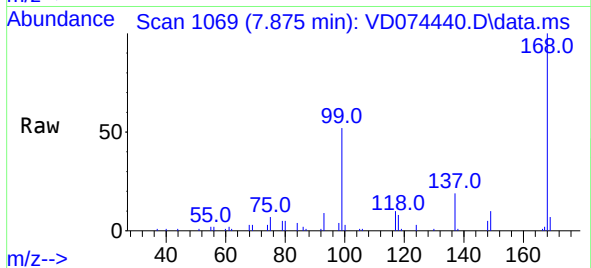




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

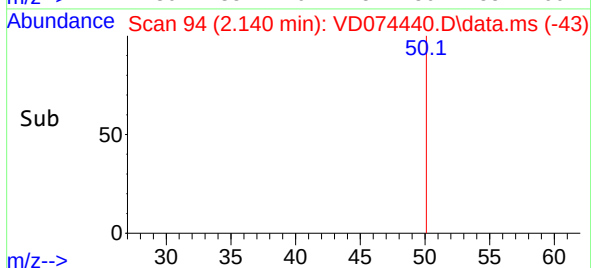
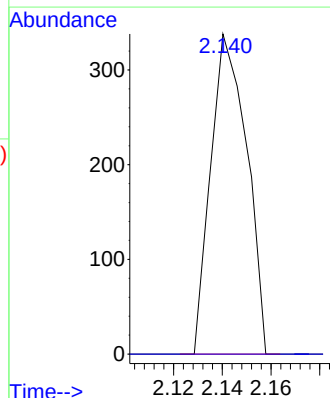
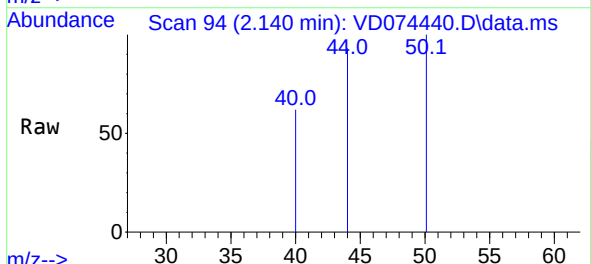
Instrument :
MSVOA_D
ClientSampleId :
R2

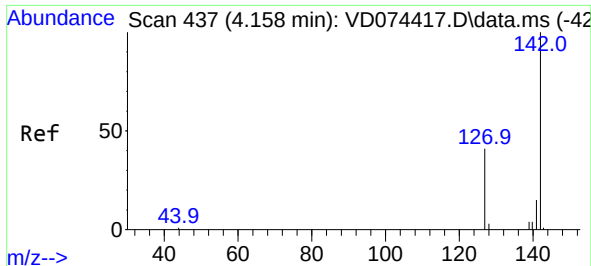
Tgt Ion:168 Resp: 66199
Ion Ratio Lower Upper
168 100
99 52.1 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

Tgt Ion: 50 Resp: 347
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

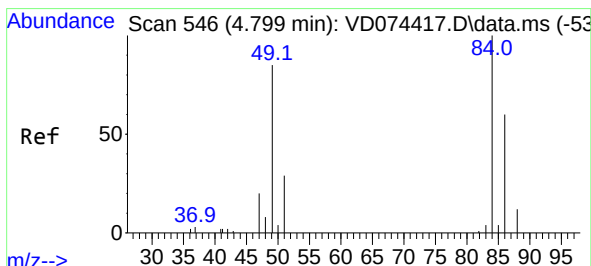
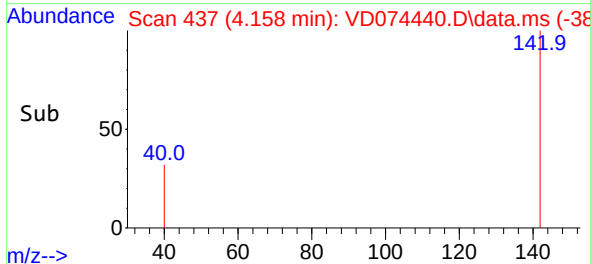
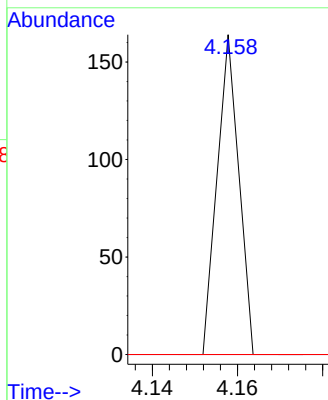
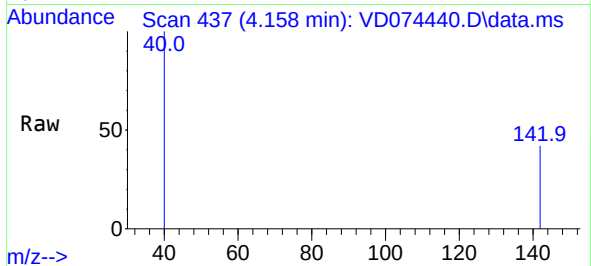




#10
Methyl Iodide
Concen: 7.283 ug/l
RT: 4.158 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

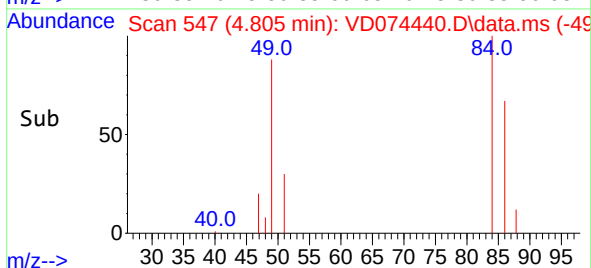
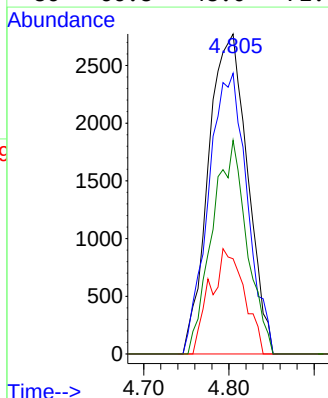
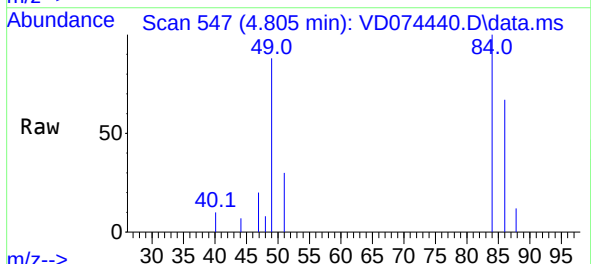
Instrument :
MSVOA_D
ClientSampleId :
R2

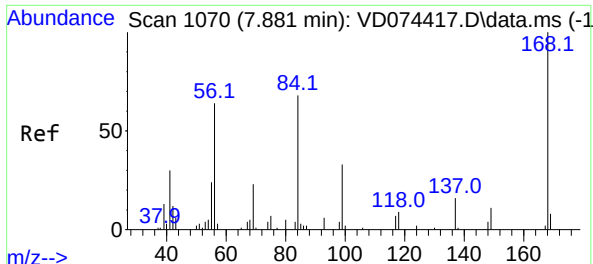
Tgt Ion:142 Resp: 58
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#20
Methylene Chloride
Concen: 4.109 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

Tgt Ion: 84 Resp: 8825
Ion Ratio Lower Upper
84 100
49 87.7 68.0 102.0
51 29.8 23.2 34.8
86 66.8 48.0 72.0





#31

Cyclohexane

Concen: 1.136 ug/l

RT: 7.869 min Scan# 1099

Delta R.T. -0.012 min

Lab File: VD074440.D

Acq: 27 Sep 2022 12:52

Instrument :

MSVOA_D

ClientSampleId :

R2

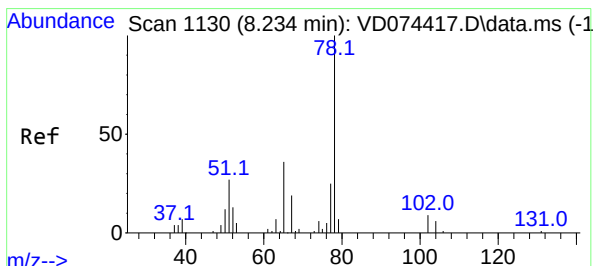
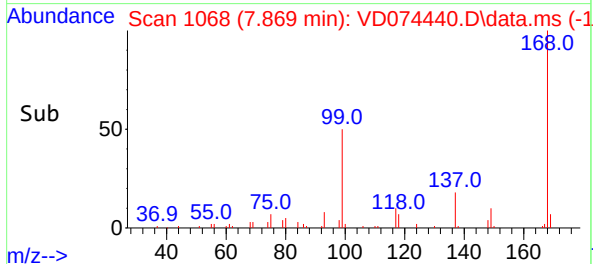
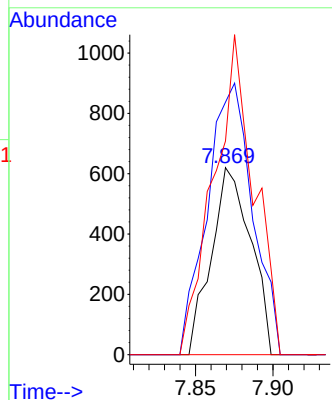
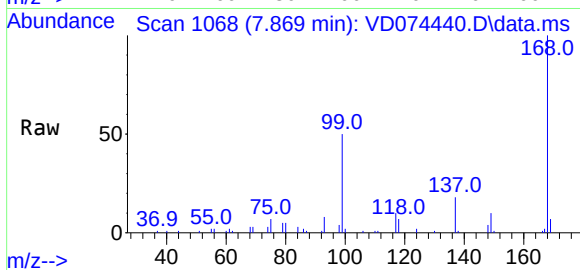
Tgt Ion: 56 Resp: 1099

Ion Ratio Lower Upper

56 100

69 135.0 29.2 43.8#

84 114.2 83.4 125.2



#33

1,2-Dichloroethane-d4

Concen: 52.362 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074440.D

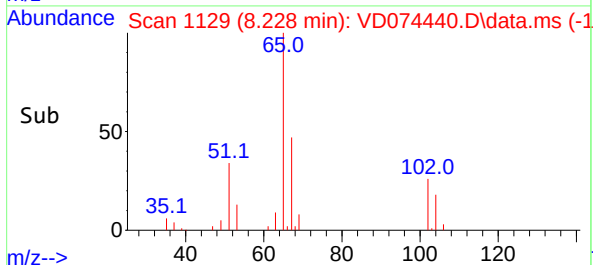
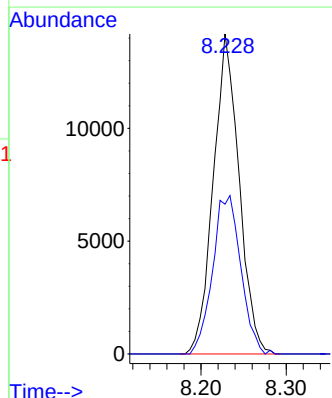
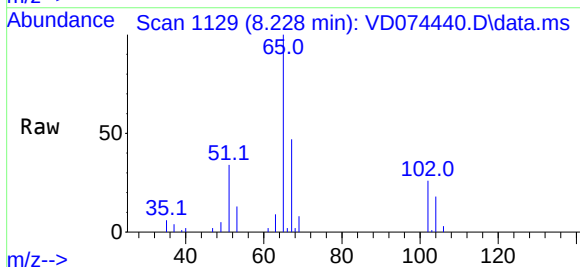
Acq: 27 Sep 2022 12:52

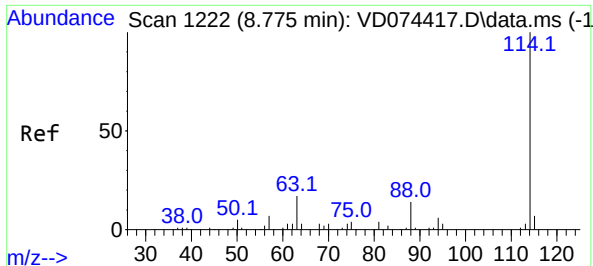
Tgt Ion: 65 Resp: 29843

Ion Ratio Lower Upper

65 100

67 54.1 0.0 110.2

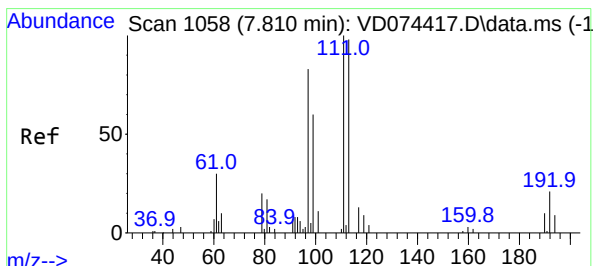
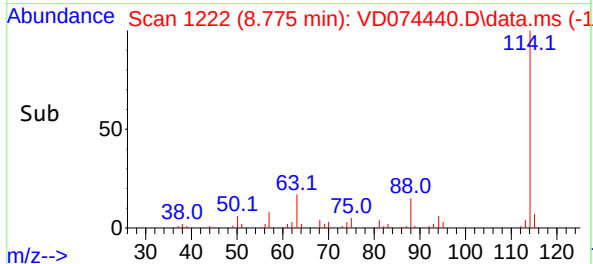
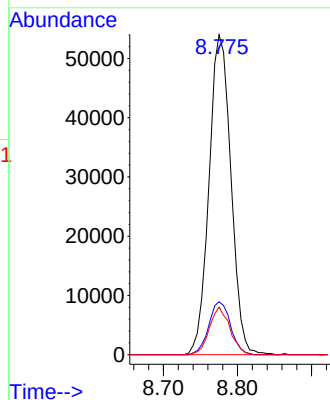
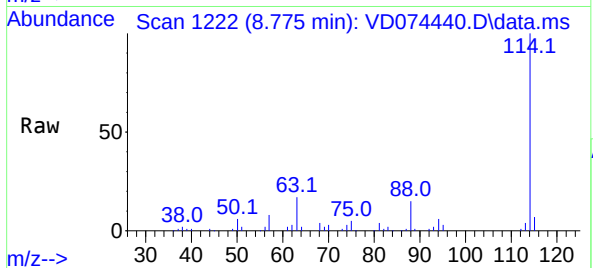




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 110995
Delta R.T. 0.000 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

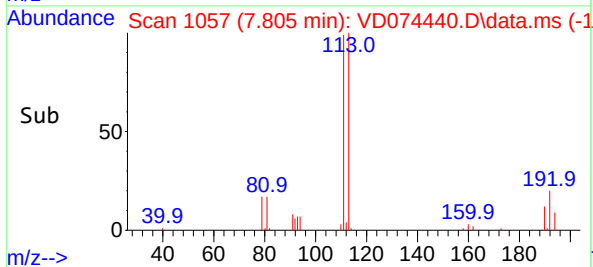
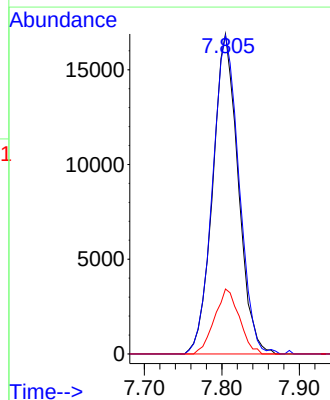
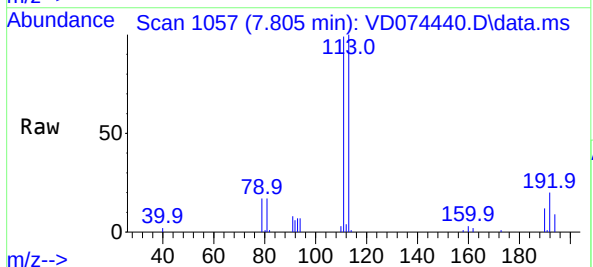
Instrument :
MSVOA_D
ClientSampleId :
R2

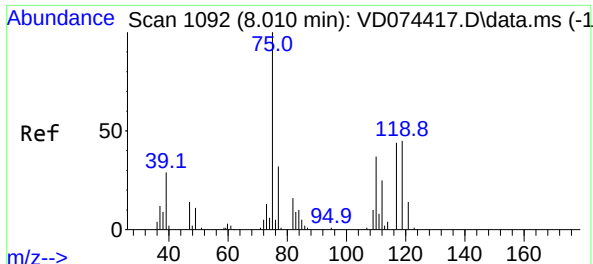
Tgt Ion:114 Resp: 110995
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.2
88 14.9 0.0 28.2



#35
Dibromofluoromethane
Concen: 51.681 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

Tgt Ion:113 Resp: 38527
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 19.7 16.4 24.6

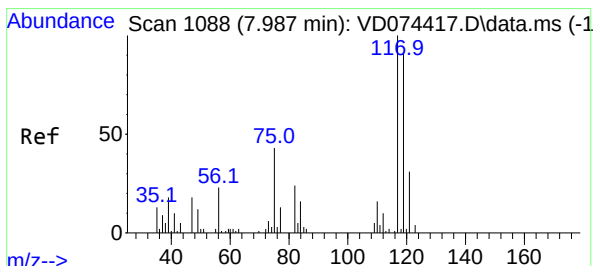
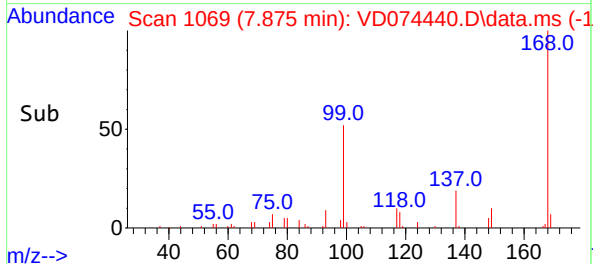
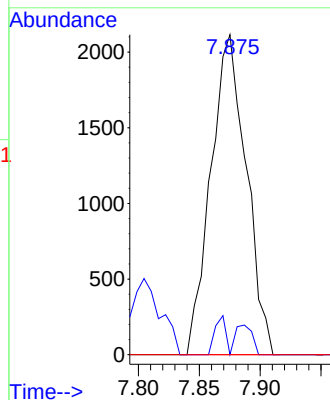
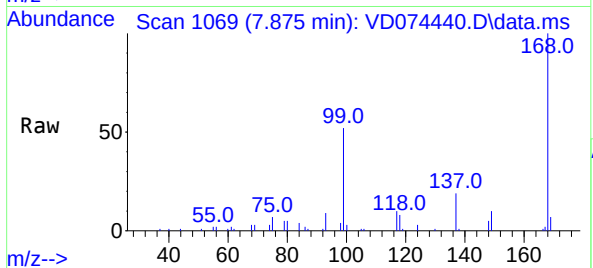




#36
1,1-Dichloropropene
Concen: 4.248 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

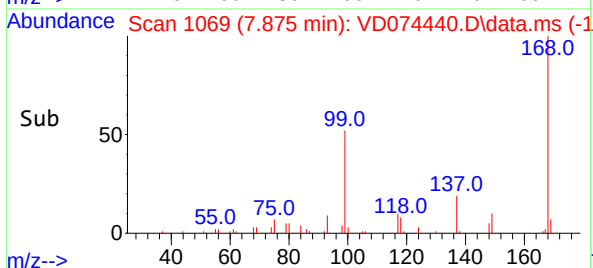
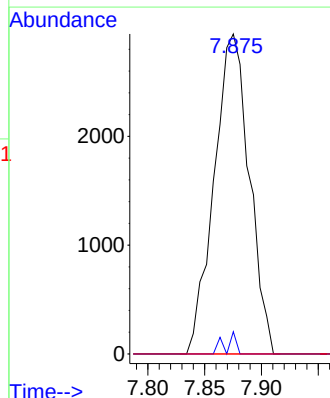
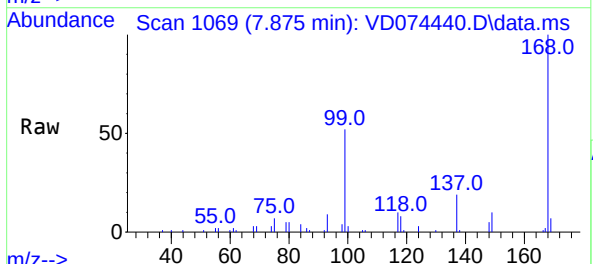
Instrument :
MSVOA_D
ClientSampleId :
R2

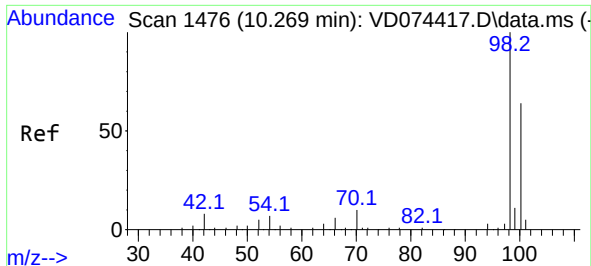
Tgt Ion: 75 Resp: 4282
Ion Ratio Lower Upper
75 100
110 3.7 19.7 59.0#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 6.565 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

Tgt Ion: 117 Resp: 6332
Ion Ratio Lower Upper
117 100
119 7.0 73.1 109.7#
121 0.0 25.0 37.6#

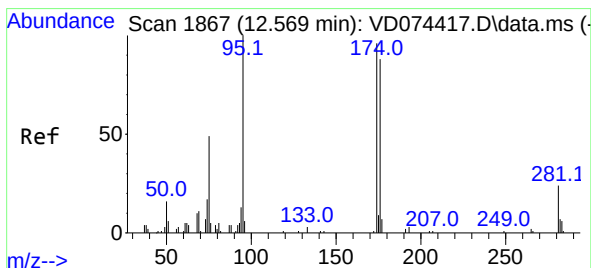
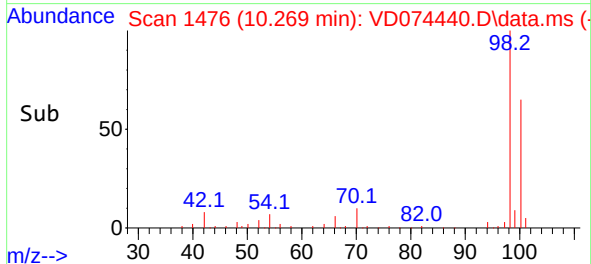
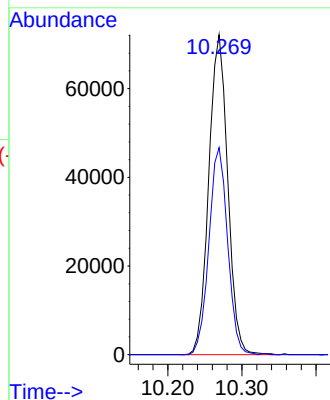
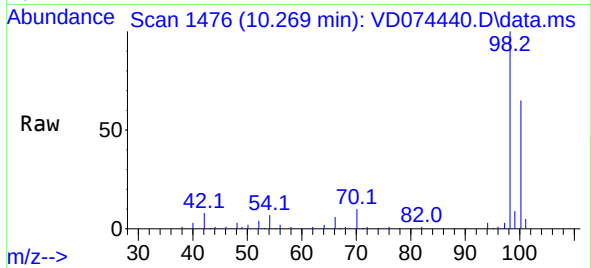




#50
Toluene-d8
Concen: 50.799 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

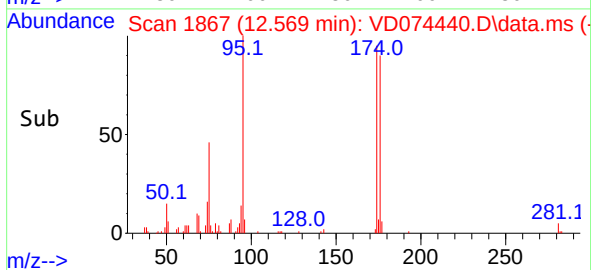
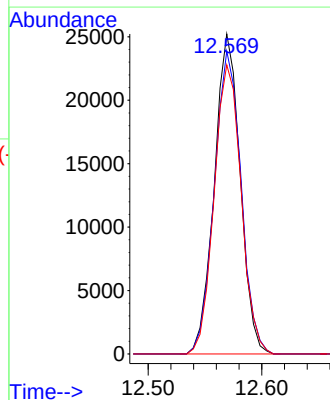
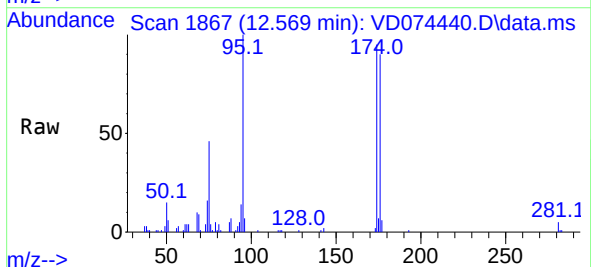
Instrument :
MSVOA_D
ClientSampleId :
R2

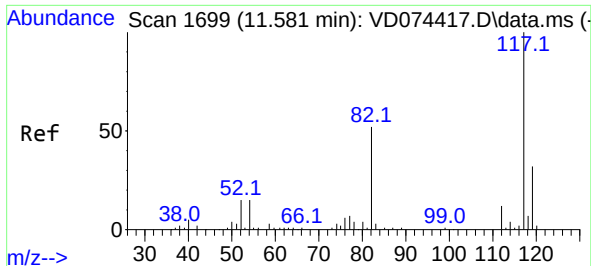
Tgt Ion: 98 Resp: 128225
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.566 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

Tgt Ion: 95 Resp: 39845
Ion Ratio Lower Upper
95 100
174 97.8 0.0 197.0
176 94.4 0.0 182.6

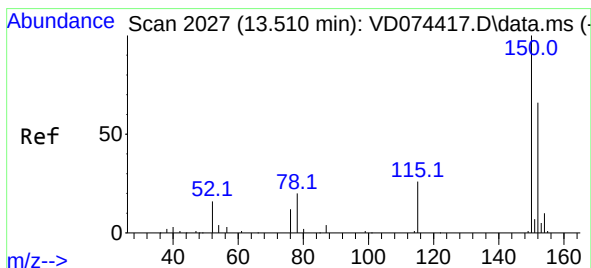
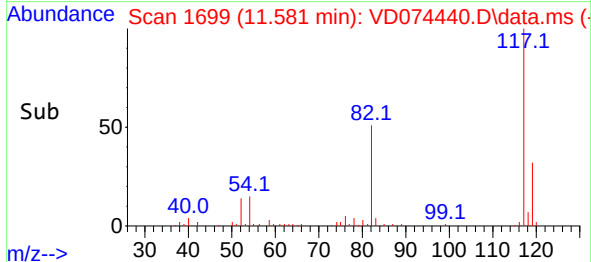
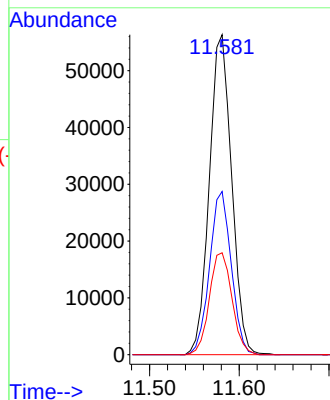
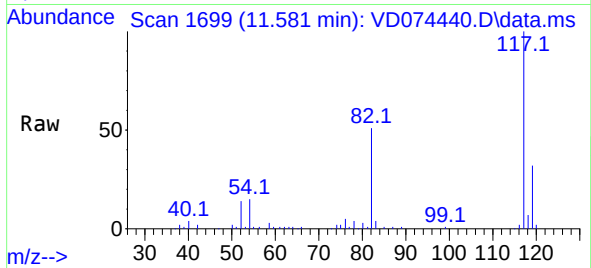




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

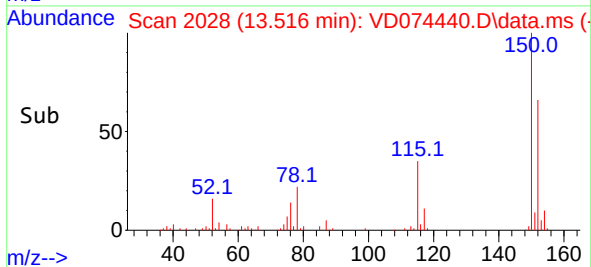
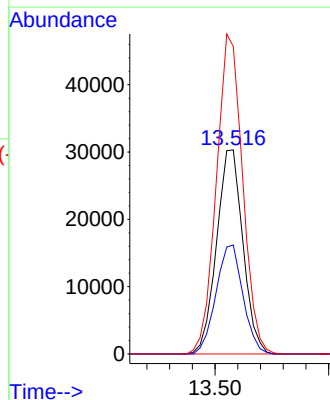
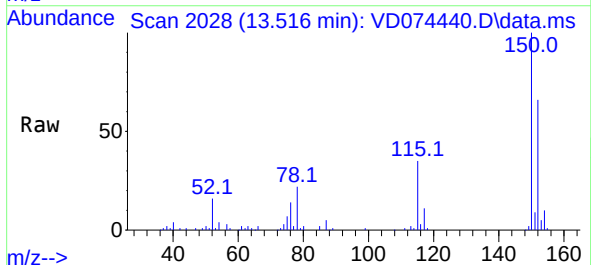
Instrument :
MSVOA_D
ClientSampleId :
R2

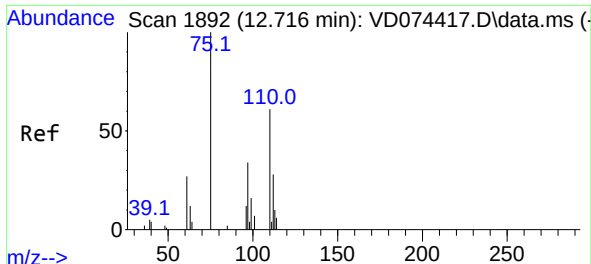
Tgt Ion:117 Resp: 97148
Ion Ratio Lower Upper
117 100
82 51.0 41.6 62.4
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

Tgt Ion:152 Resp: 48894
Ion Ratio Lower Upper
152 100
115 54.6 26.8 80.4
150 156.0 0.0 348.2

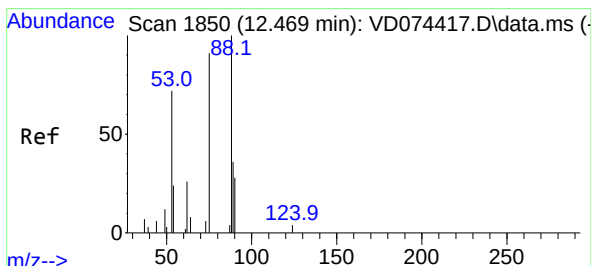
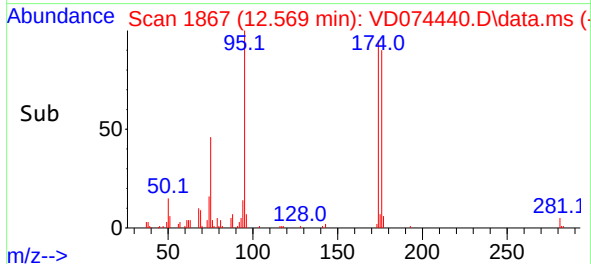
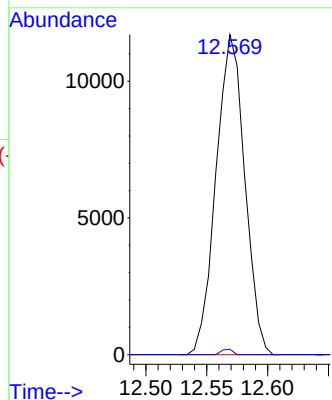
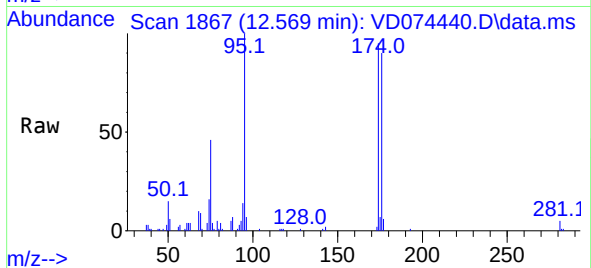




#76
1,2,3-Trichloropropane
Concen: 50.175 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

Instrument :
MSVOA_D
ClientSampleId :
R2

Tgt Ion: 75 Resp: 19188
Ion Ratio Lower Upper
75 100
77 0.7 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.438 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

Tgt Ion: 75 Resp: 19188
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

