

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
 Data File : VD074443.D
 Acq On : 27 Sep 2022 14:16
 Operator : VA/SY
 Sample : N4812-01
 Misc : 6.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3

Quant Time: Sep 28 04:40:24 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)

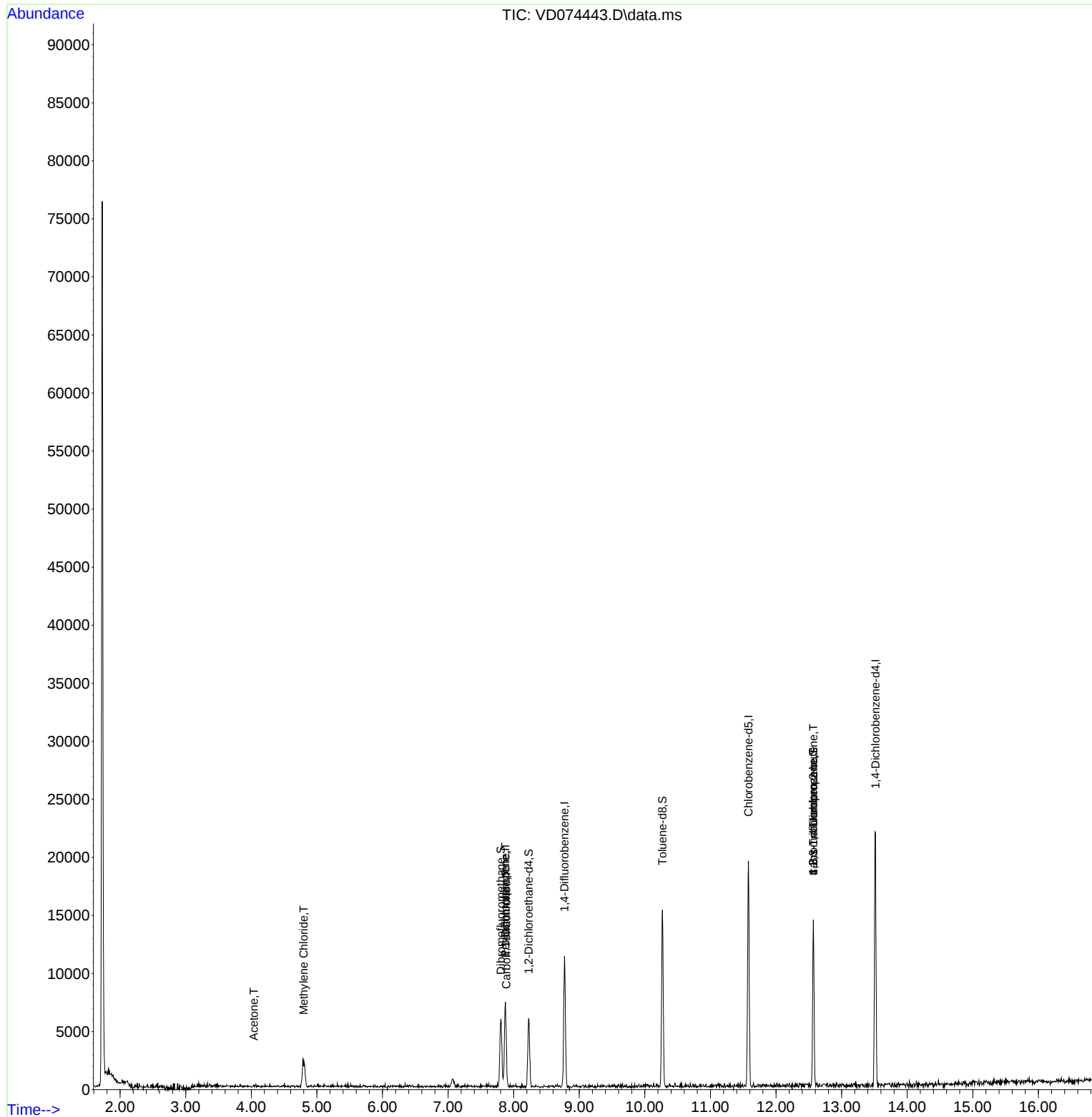
Internal Standards						
1) Pentafluorobenzene	7.875	168	7357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	11706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	12995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	7329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4716	74.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.920%	
35) Dibromofluoromethane	7.804	113	4596	58.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.860%	
50) Toluene-d8	10.269	98	12011	45.119	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.240%	
62) 4-Bromofluorobenzene	12.569	95	4771	51.511	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.020%	
Target Compounds						
					Qvalue	
16) Acetone	4.040	43	60	4.883	ug/l #	37
20) Methylene Chloride	4.799	84	2148	18.593	ug/l #	83
36) 1,1-Dichloropropene	7.875	75	287	2.700	ug/l #	39
38) Carbon Tetrachloride	7.887	117	574	5.643	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	2303	40.175	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	2303	98.037	ug/l #	17

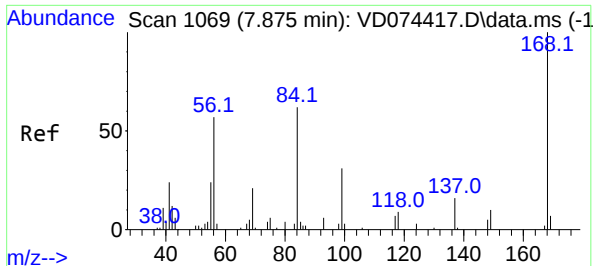
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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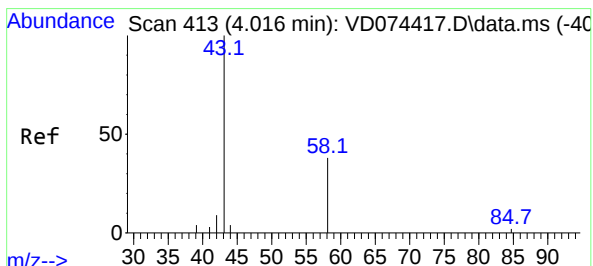
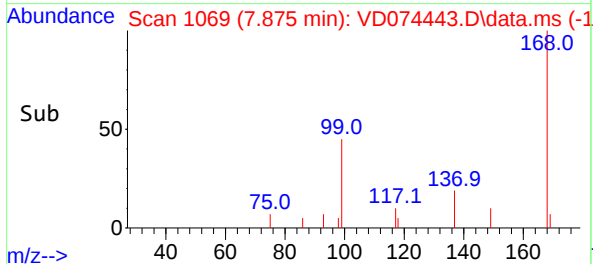
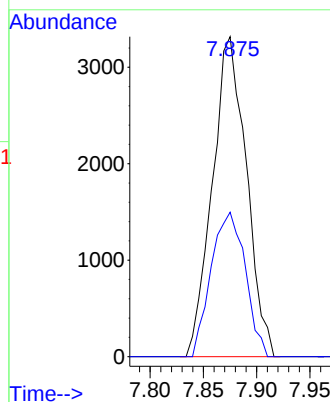
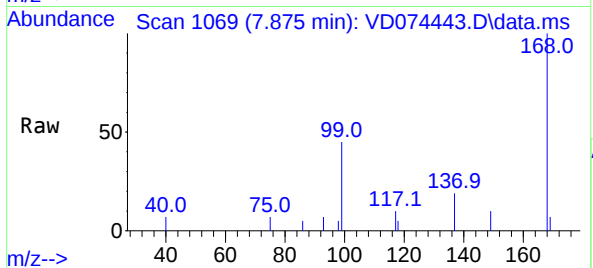




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

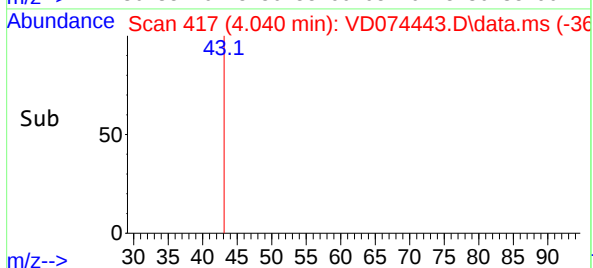
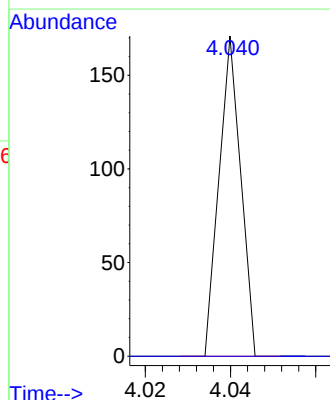
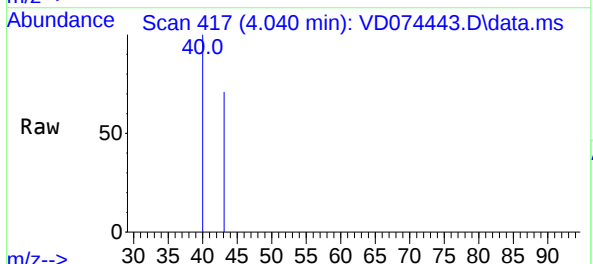
Instrument :
MSVOA_D
ClientSampleId :
WC-3

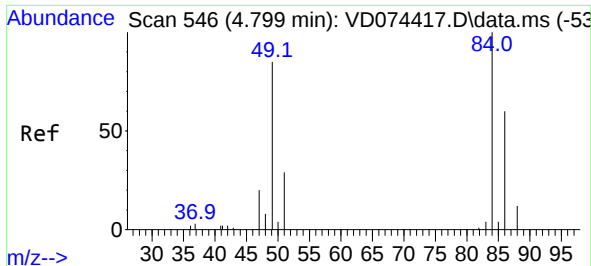
Tgt Ion:168 Resp: 7357
Ion Ratio Lower Upper
168 100
99 45.1 40.9 61.3



#16
Acetone
Concen: 4.883 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.024 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

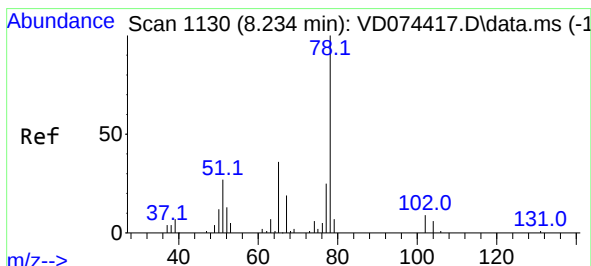
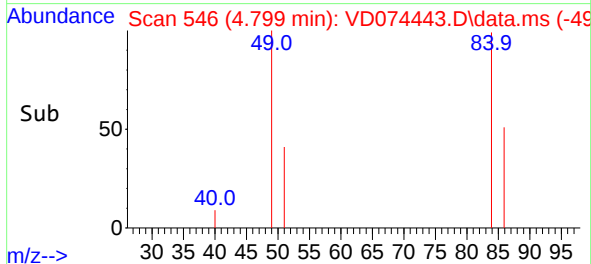
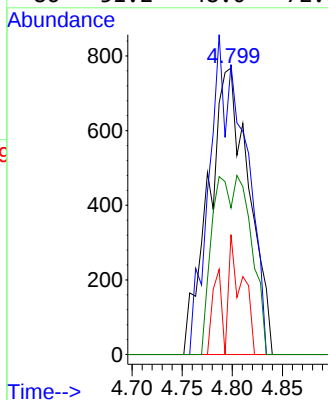
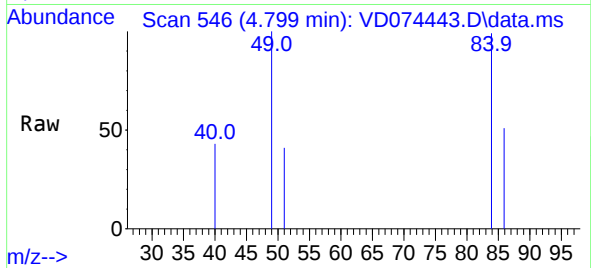




#20
Methylene Chloride
Concen: 18.593 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

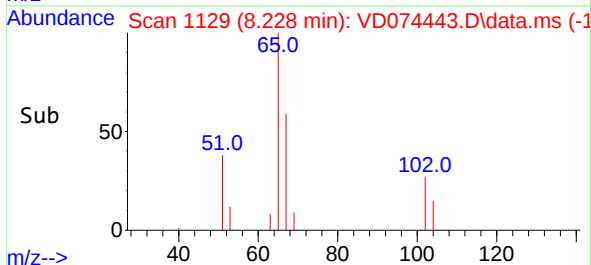
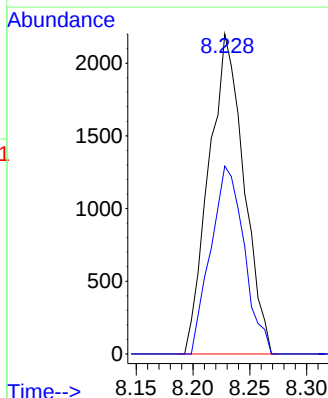
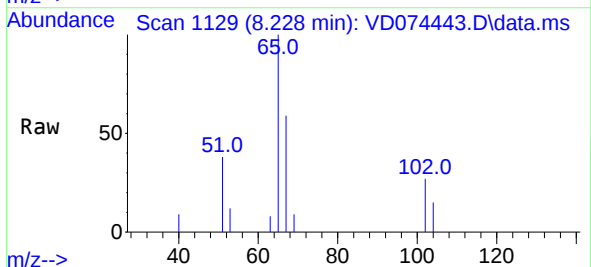
Instrument :
MSVOA_D
ClientSampleId :
WC-3

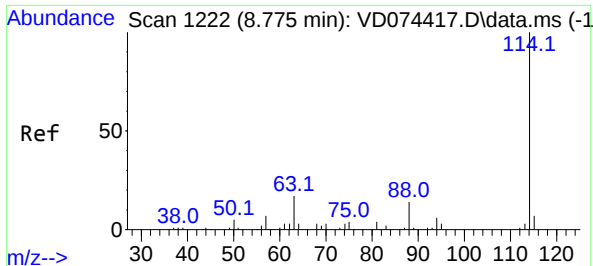
Tgt Ion:	84	Resp:	2148
Ion	Ratio	Lower	Upper
84	100		
49	101.2	68.0	102.0
51	41.8	23.2	34.8
86	51.2	48.0	72.0



#33
1,2-Dichloroethane-d4
Concen: 74.456 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

Tgt Ion:	65	Resp:	4716
Ion	Ratio	Lower	Upper
65	100		
67	56.0	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074443.D

Acq: 27 Sep 2022 14:16

Instrument :

MSVOA_D

ClientSampleId :

WC-3

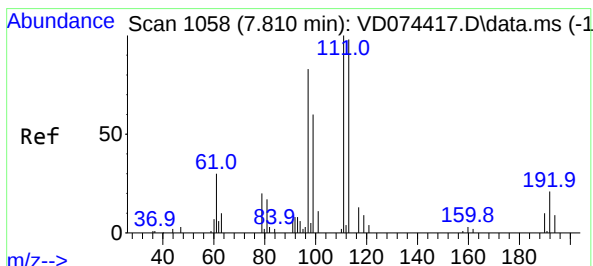
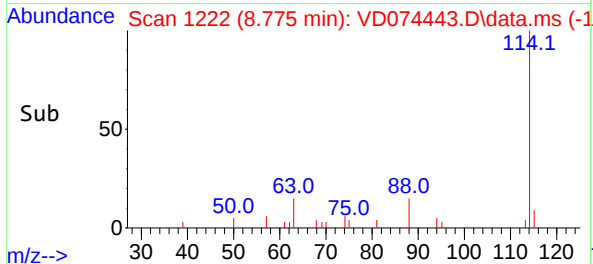
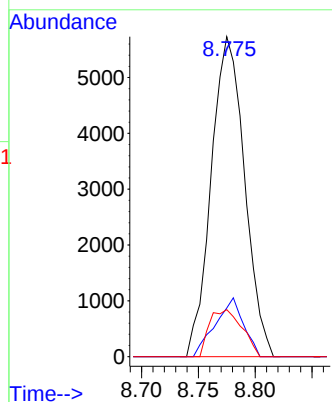
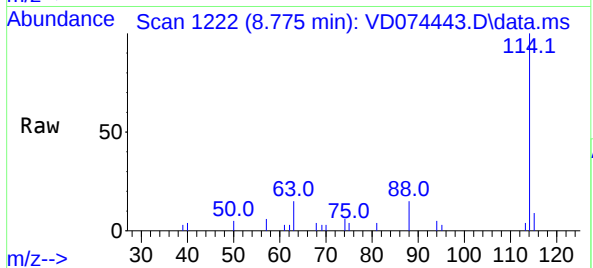
Tgt Ion:114 Resp: 11706

Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.2

88 14.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 58.933 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD074443.D

Acq: 27 Sep 2022 14:16

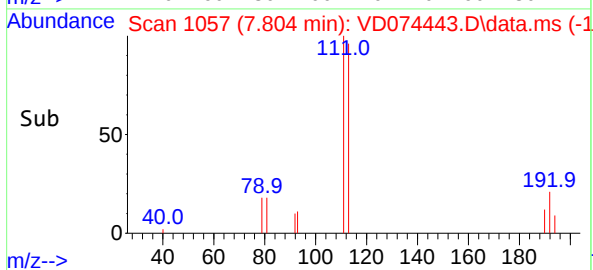
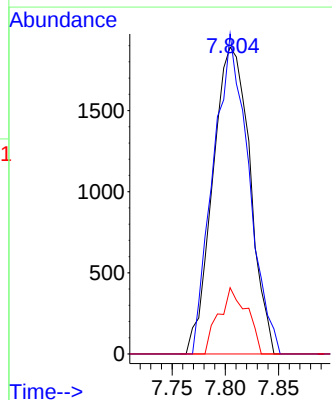
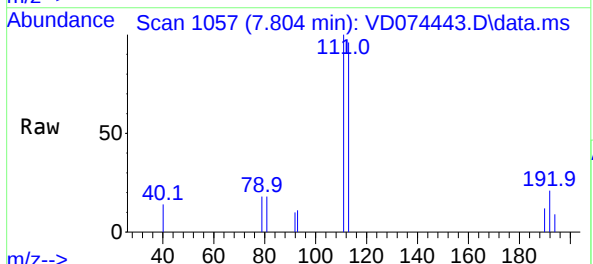
Tgt Ion:113 Resp: 4596

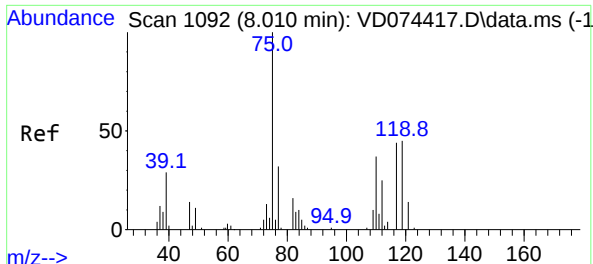
Ion Ratio Lower Upper

113 100

111 99.2 82.3 123.5

192 16.3 16.4 24.6#

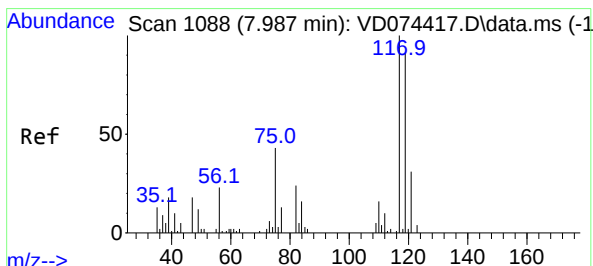
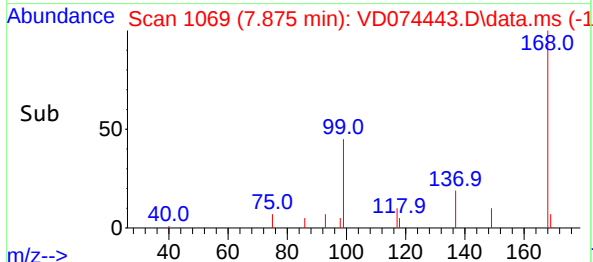
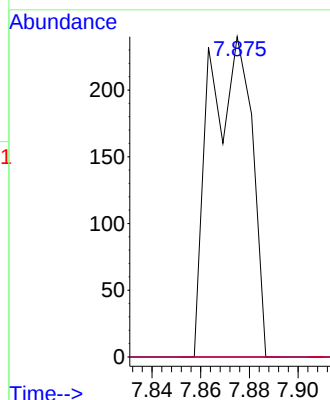
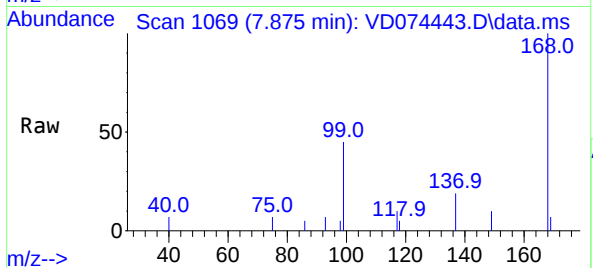




#36
1,1-Dichloropropene
Concen: 2.700 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

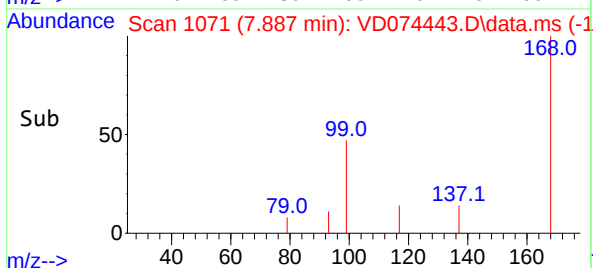
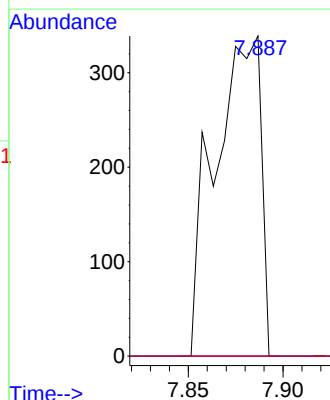
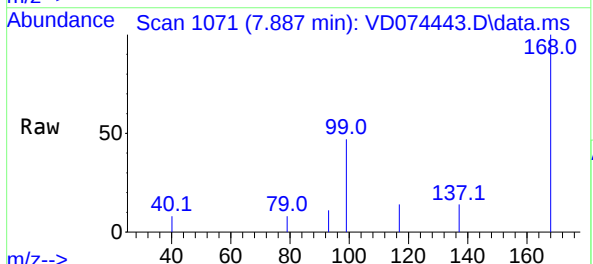
Instrument :
MSVOA_D
ClientSampleId :
WC-3

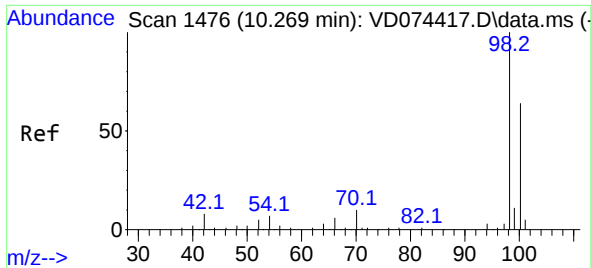
Tgt Ion: 75 Resp: 287
Ion Ratio Lower Upper
75 100
110 0.0 19.7 59.0#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 5.643 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. -0.100 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

Tgt Ion: 117 Resp: 574
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#

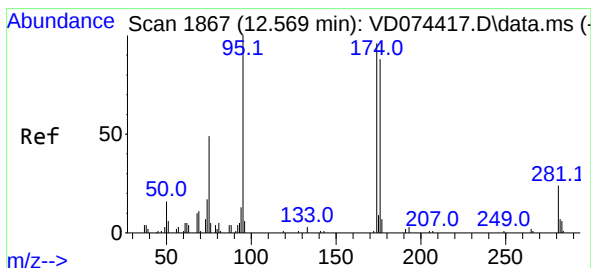
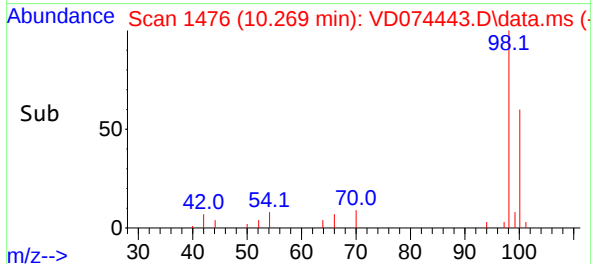
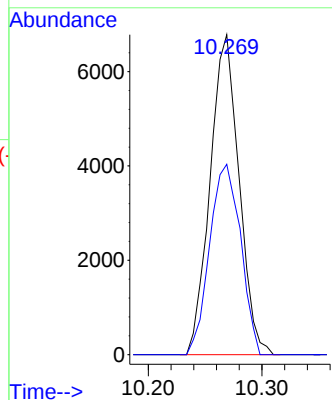
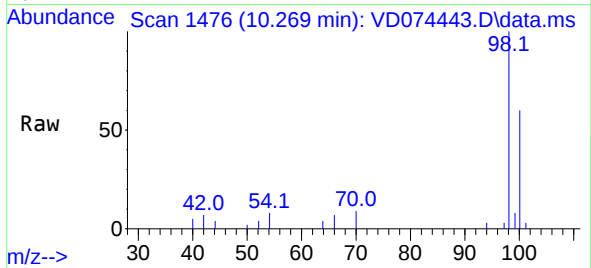




#50
Toluene-d8
Concen: 45.119 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

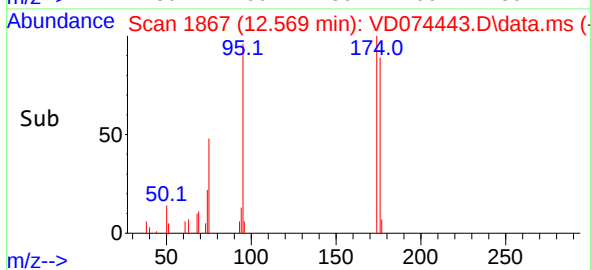
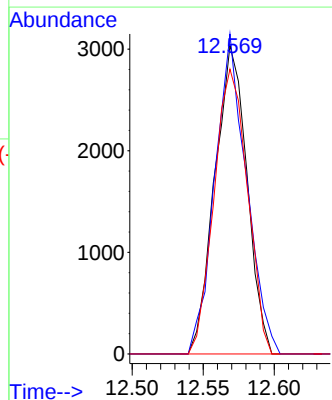
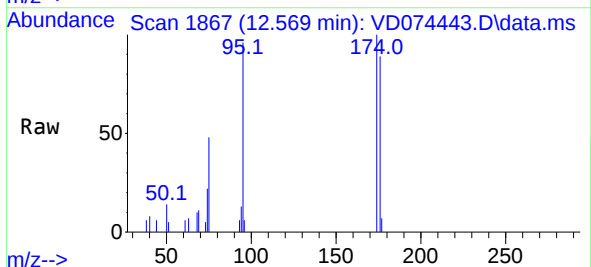
Instrument :
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ClientSampleId :
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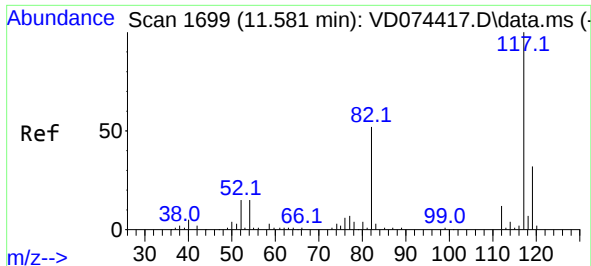
Tgt Ion: 98 Resp: 12011
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.511 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

Tgt Ion: 95 Resp: 4771
Ion Ratio Lower Upper
95 100
174 101.9 0.0 197.0
176 95.9 0.0 182.6

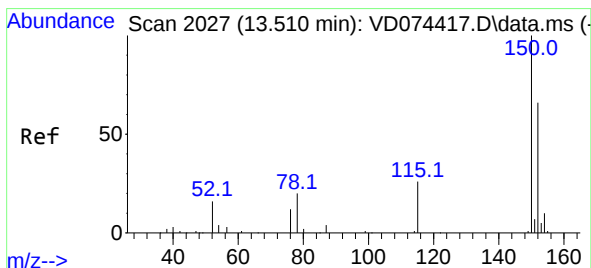
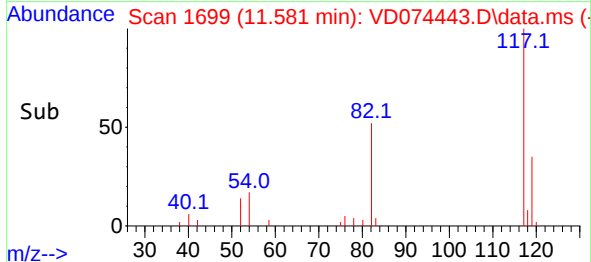
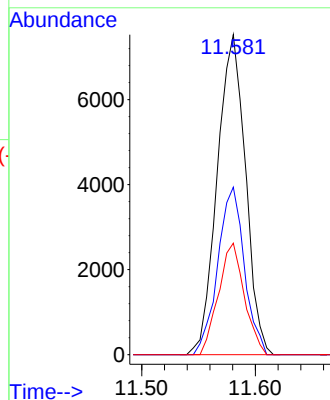
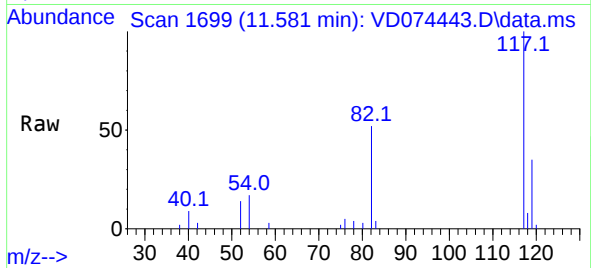




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

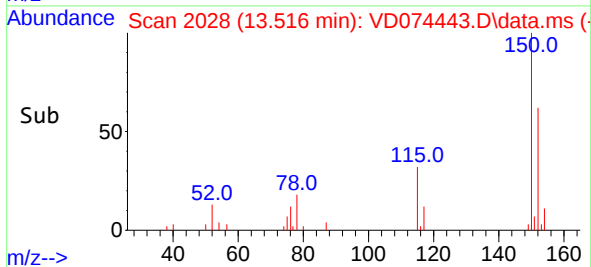
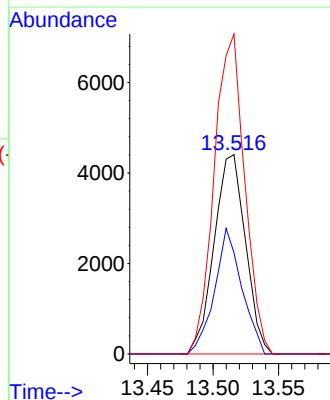
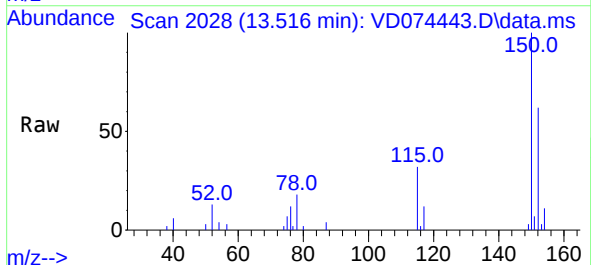
Instrument :
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ClientSampleId :
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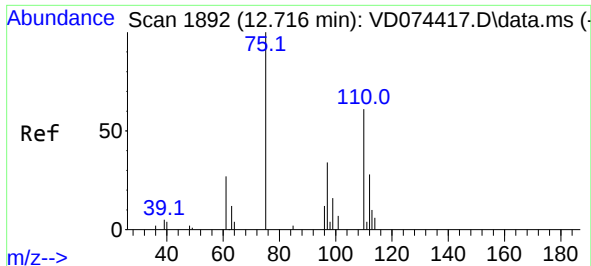
Tgt Ion:117 Resp: 12995
Ion Ratio Lower Upper
117 100
82 52.3 41.6 62.4
119 34.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

Tgt Ion:152 Resp: 7329
Ion Ratio Lower Upper
152 100
115 54.7 26.8 80.4
150 156.1 0.0 348.2

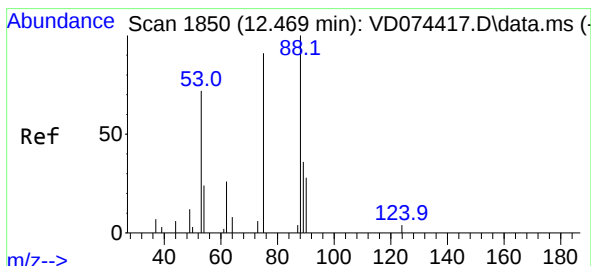
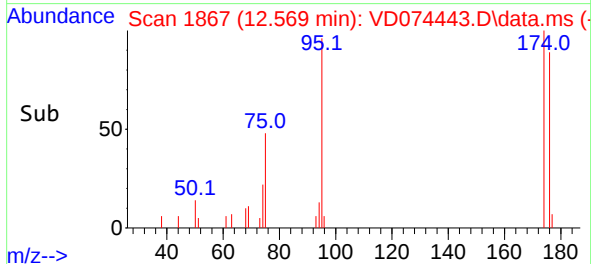
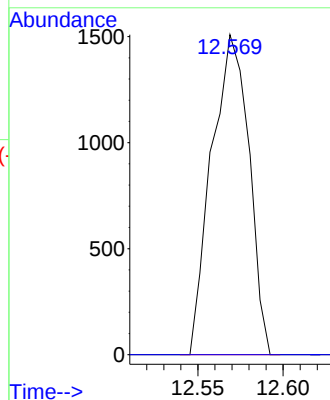
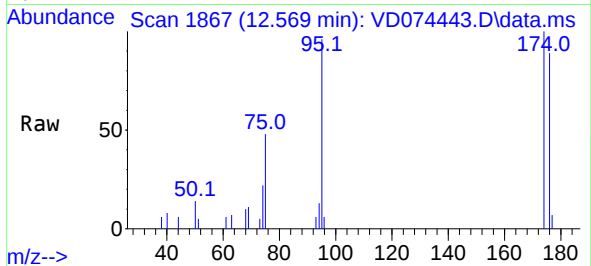




#76
1,2,3-Trichloropropane
Concen: 40.175 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

Instrument :
MSVOA_D
ClientSampleId :
WC-3

Tgt Ion: 75 Resp: 2303
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.037 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

Tgt Ion: 75 Resp: 2303
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

