

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
 Data File : VD074995.D
 Acq On : 18 Nov 2022 17:52
 Operator : VA/SY
 Sample : N5697-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-111722

Quant Time: Nov 18 22:06:37 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)

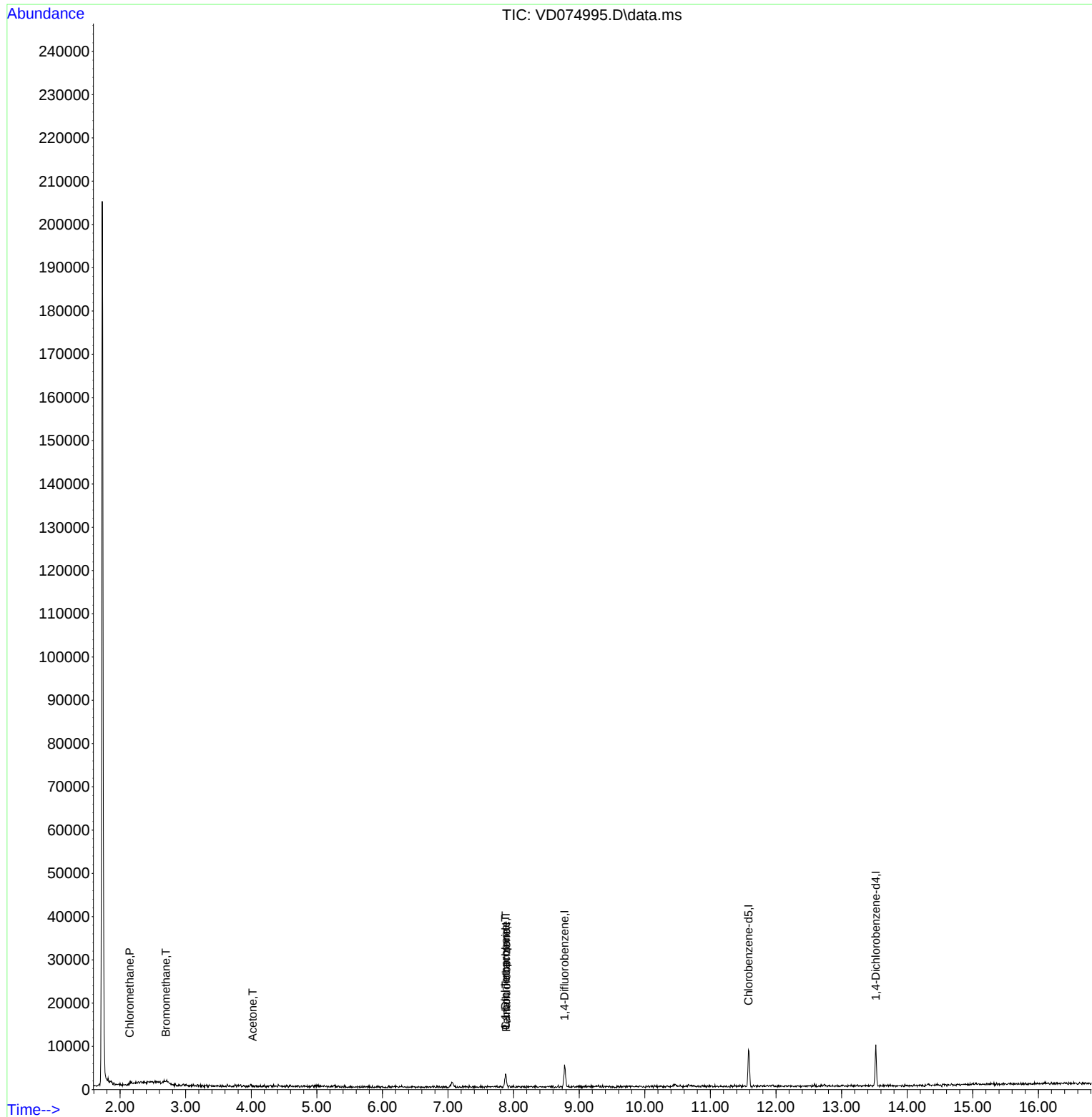
Internal Standards						
1) Pentafluorobenzene	7.887	168	2954	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.775	114	6142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	2918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.263	98	55	0.441	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	0.880%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	192	2.660	ug/l #	37
5) Bromomethane	2.699	94	371	11.160	ug/l	93
16) Acetone	4.022	43	59	12.099	ug/l #	37
20) Methylene Chloride	4.816	84	113	Below Cal	#	18
36) 1,1-Dichloropropene	7.875	75	62	1.114	ug/l #	39
38) Carbon Tetrachloride	7.881	117	69	1.317	ug/l #	14

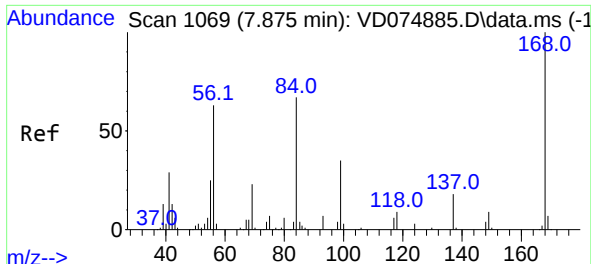
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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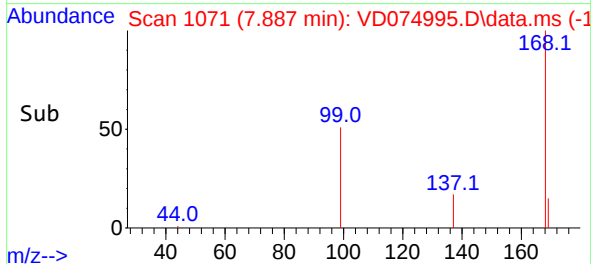
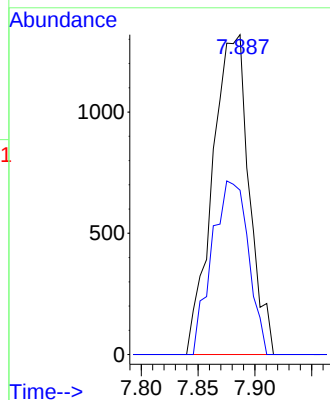
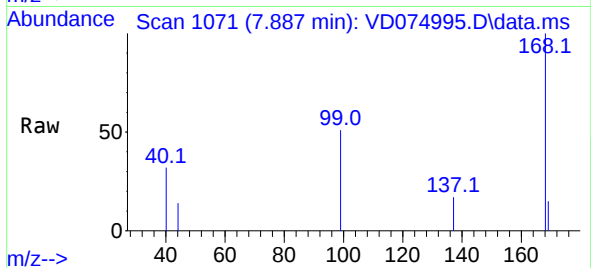




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.887 min Scan# 10
Delta R.T. 0.012 min
Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

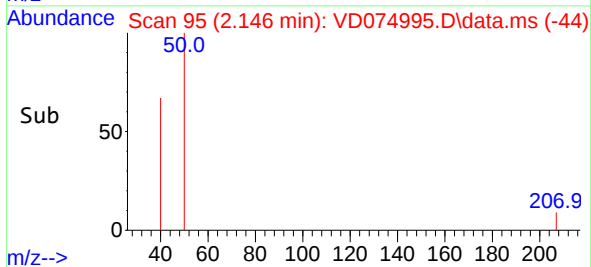
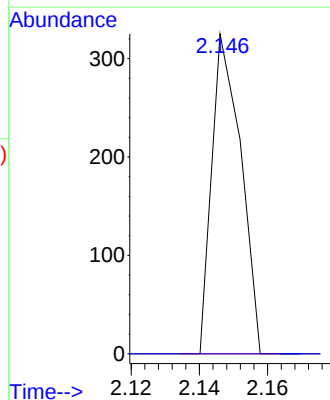
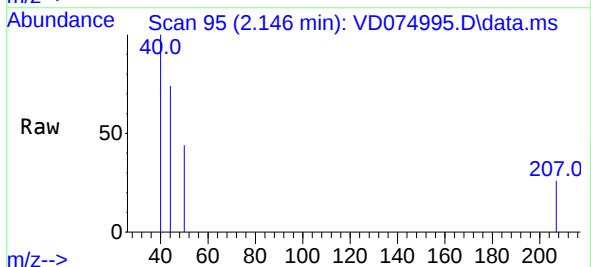
Instrument :
MSVOA_D
ClientSampleId :
SU-03-111722

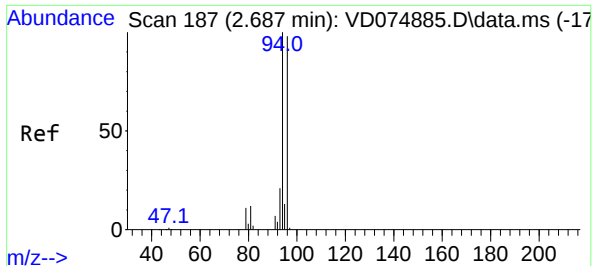
Tgt Ion:168 Resp: 2954
Ion Ratio Lower Upper
168 100
99 51.4 40.9 61.3



#3
Chloromethane
Concen: 2.660 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

Tgt Ion: 50 Resp: 192
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

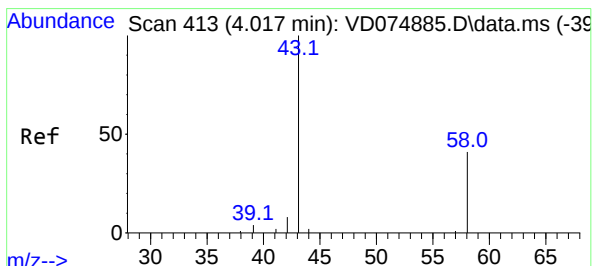
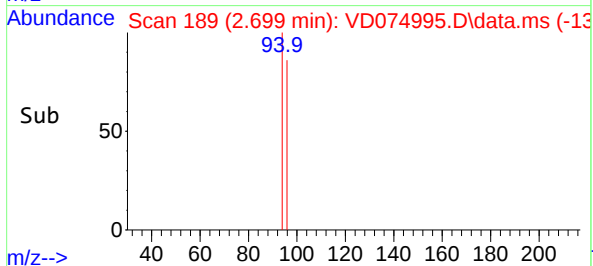
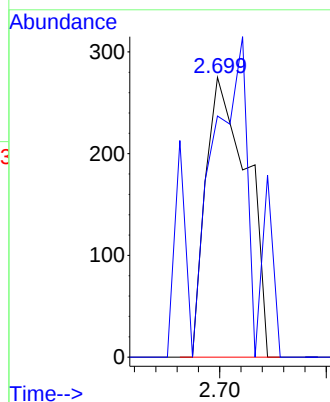
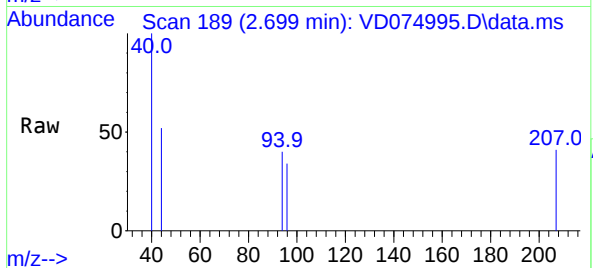




#5
Bromomethane
Concen: 11.160 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

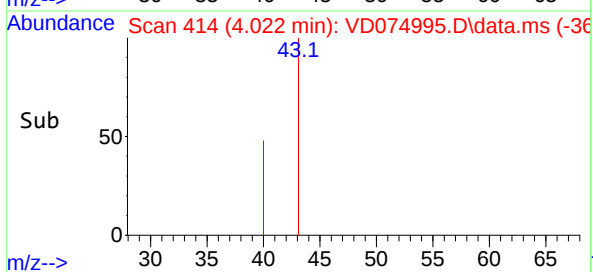
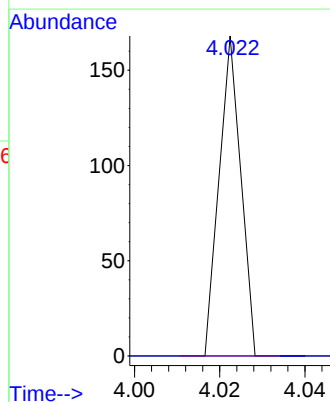
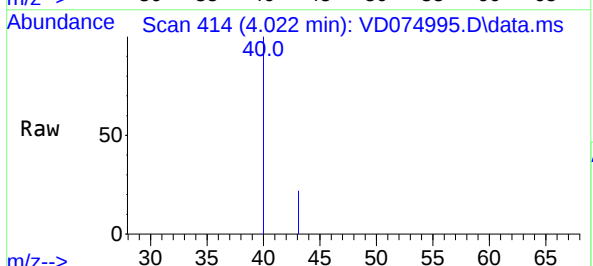
Instrument :
MSVOA_D
ClientSampleId :
SU-03-111722

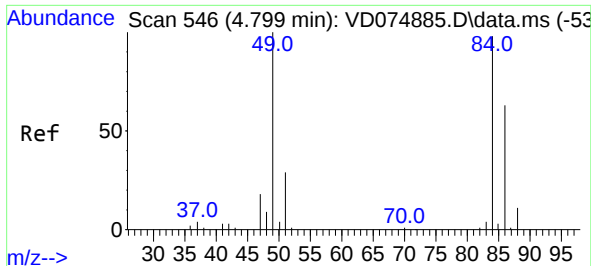
Tgt Ion: 94 Resp: 371
Ion Ratio Lower Upper
94 100
96 86.2 74.6 112.0



#16
Acetone
Concen: 12.099 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

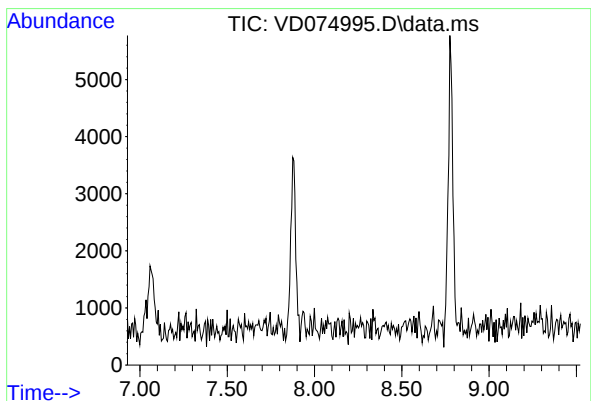
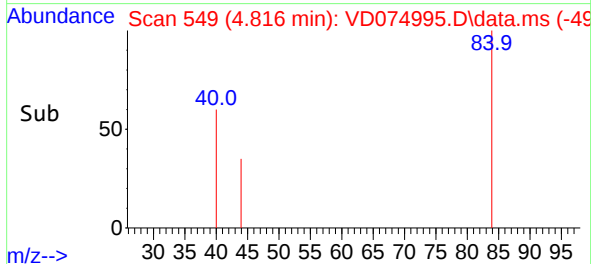
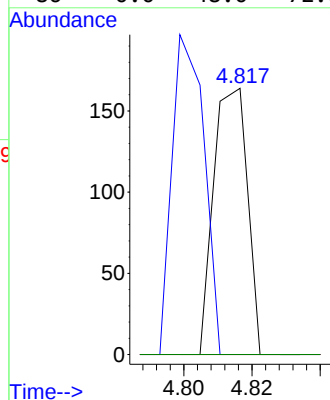
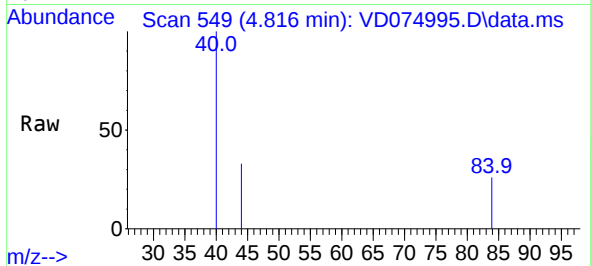




#20
Methylene Chloride
Concen: Below Cal
RT: 4.816 min Scan# 54
Delta R.T. 0.017 min
Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

Instrument :
MSVOA_D
ClientSampleId :
SU-03-111722

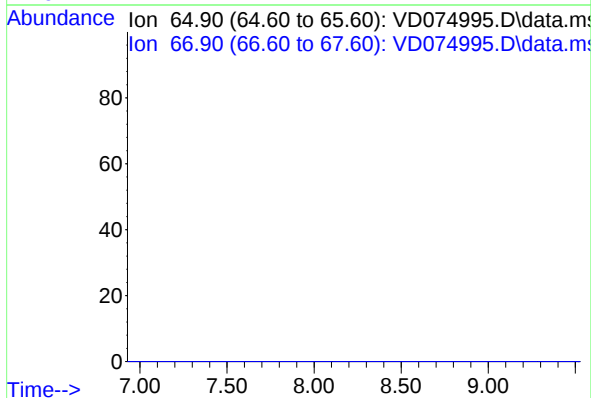
Tgt Ion: 84 Resp: 113
Ion Ratio Lower Upper
84 100
49 0.0 68.0 102.0#
51 0.0 23.2 34.8#
86 0.0 48.0 72.0#

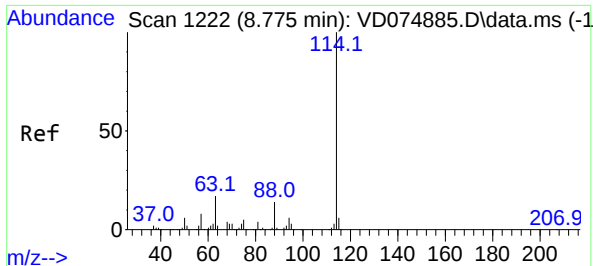


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.23 min

Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

Tgt Ion: 65
Sig Exp Ratio
65 100
67 55.1

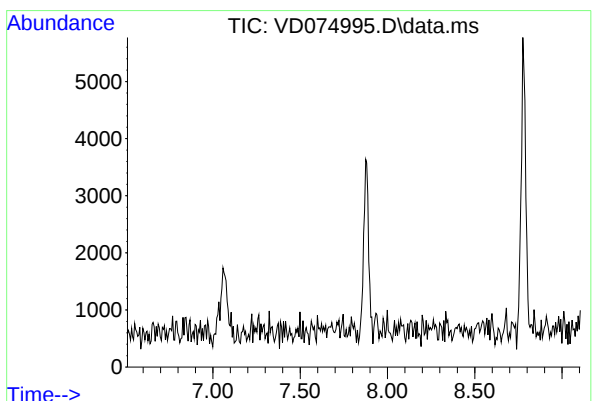
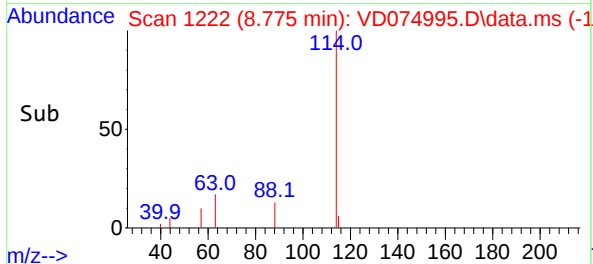
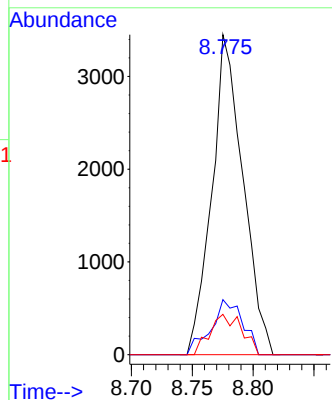
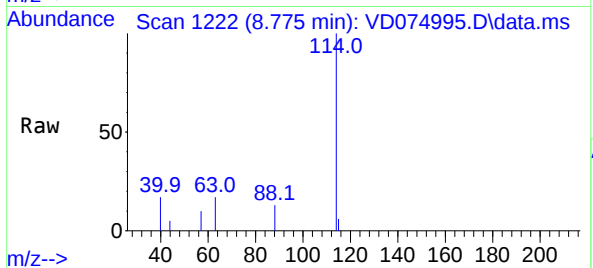




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

Instrument :
MSVOA_D
ClientSampleId :
SU-03-111722

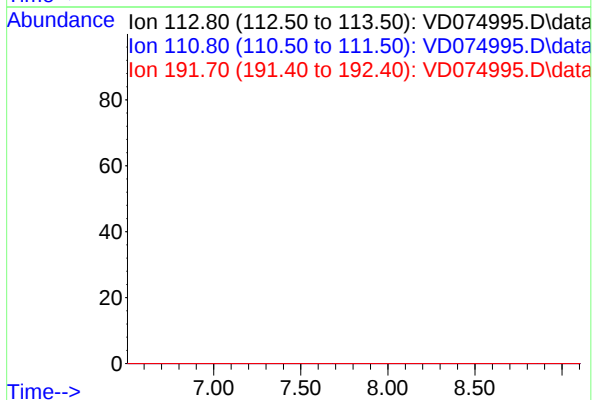
Tgt Ion:114 Resp: 6142
Ion Ratio Lower Upper
114 100
63 17.2 0.0 33.2
88 12.6 0.0 28.2

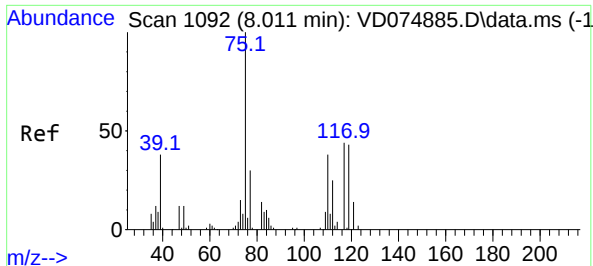


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.80 min

Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

Tgt Ion: 113
Sig Exp Ratio
113 100
111 102.9
192 20.5

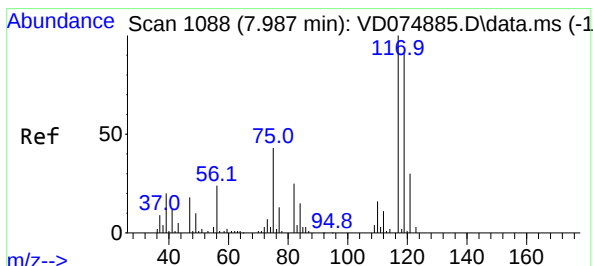
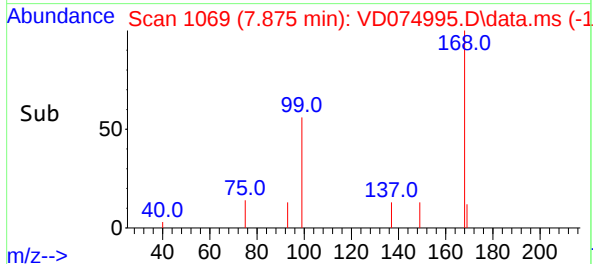
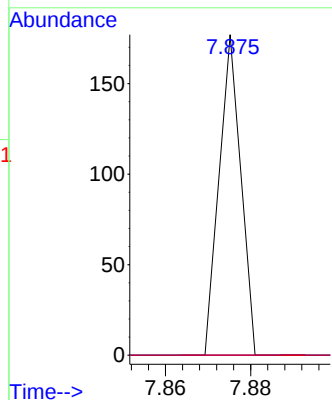
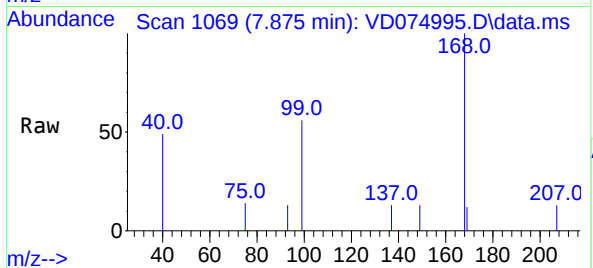




#36
1,1-Dichloropropene
Concen: 1.114 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

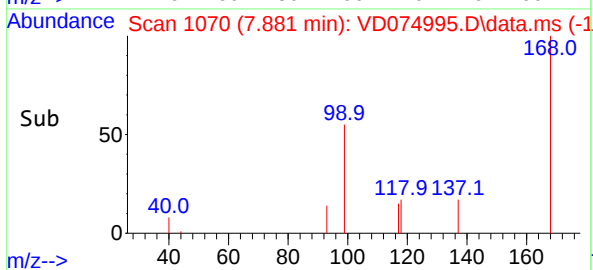
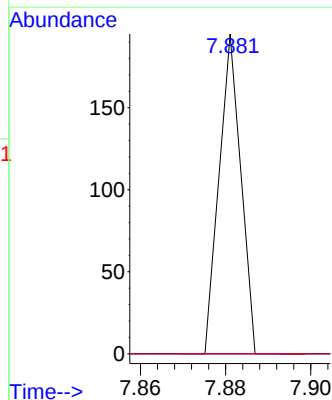
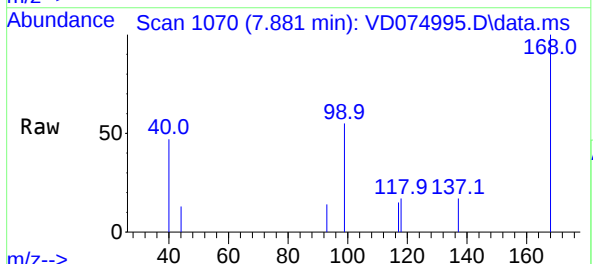
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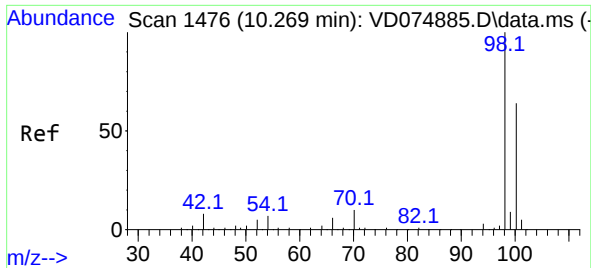
Tgt Ion: 75 Resp: 62
Ion Ratio Lower Upper
75 100
110 0.0 19.7 59.0#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 1.317 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.106 min
Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

Tgt Ion: 117 Resp: 69
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#

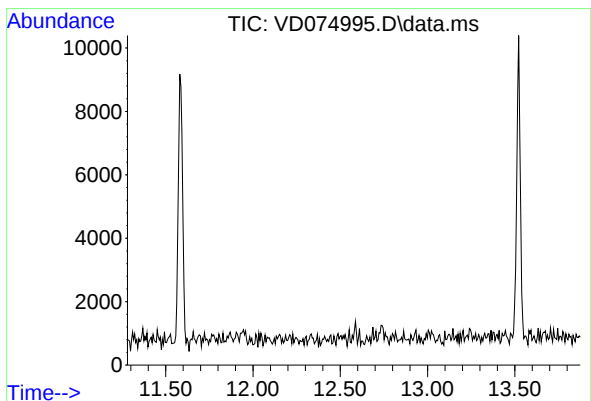
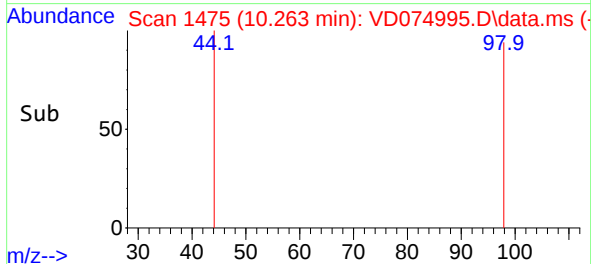
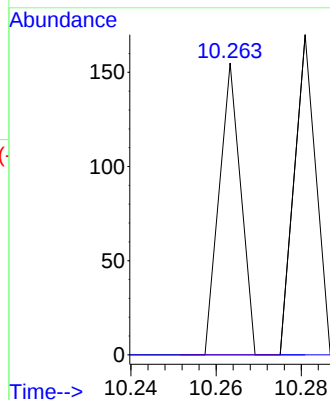
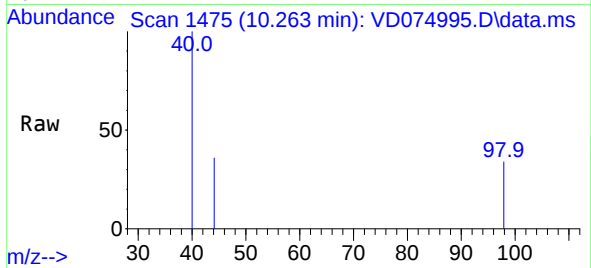




#50
Toluene-d8
Concen: 0.441 ug/l
RT: 10.263 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

Instrument :
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ClientSampleId :
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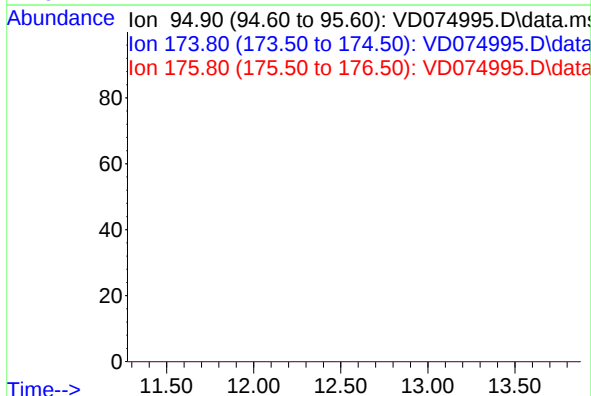
Tgt Ion: 98 Resp: 55
Ion Ratio Lower Upper
98 100
100 0.0 51.4 77.0#

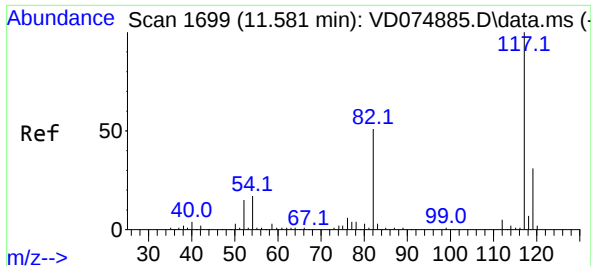


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.57 min

Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

Tgt Ion: 95
Sig Exp Ratio
95 100
174 98.5
176 91.3

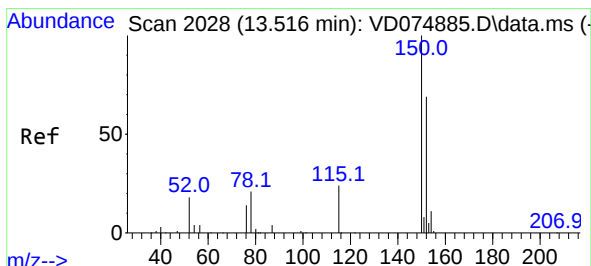
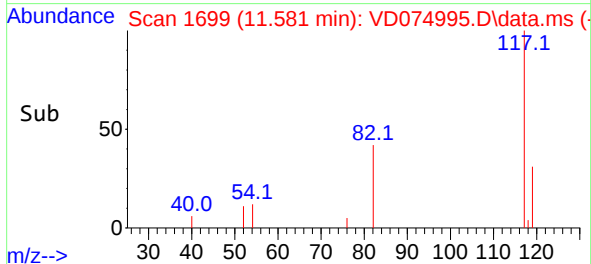
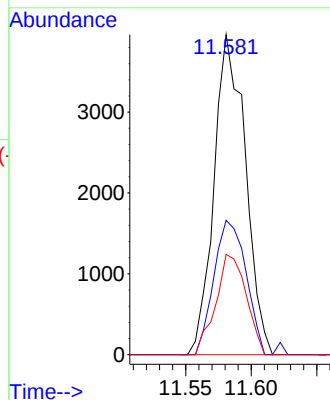
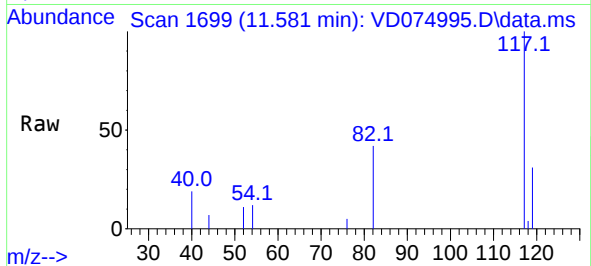




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

Instrument :
MSVOA_D
ClientSampleId :
SU-03-111722

Tgt Ion:117	Resp:	6578
Ion	Ratio	Lower Upper
117	100	
82	42.0	41.6 62.4
119	31.4	25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

Tgt Ion:152	Resp:	2918
Ion	Ratio	Lower Upper
152	100	
115	51.8	26.8 80.4
150	171.7	0.0 348.2

