

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074533.D
 Acq On : 13 Oct 2022 17:27
 Operator : VA/SY
 Sample : N5142-04
 Misc : 5.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-11

Quant Time: Oct 14 01:32:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

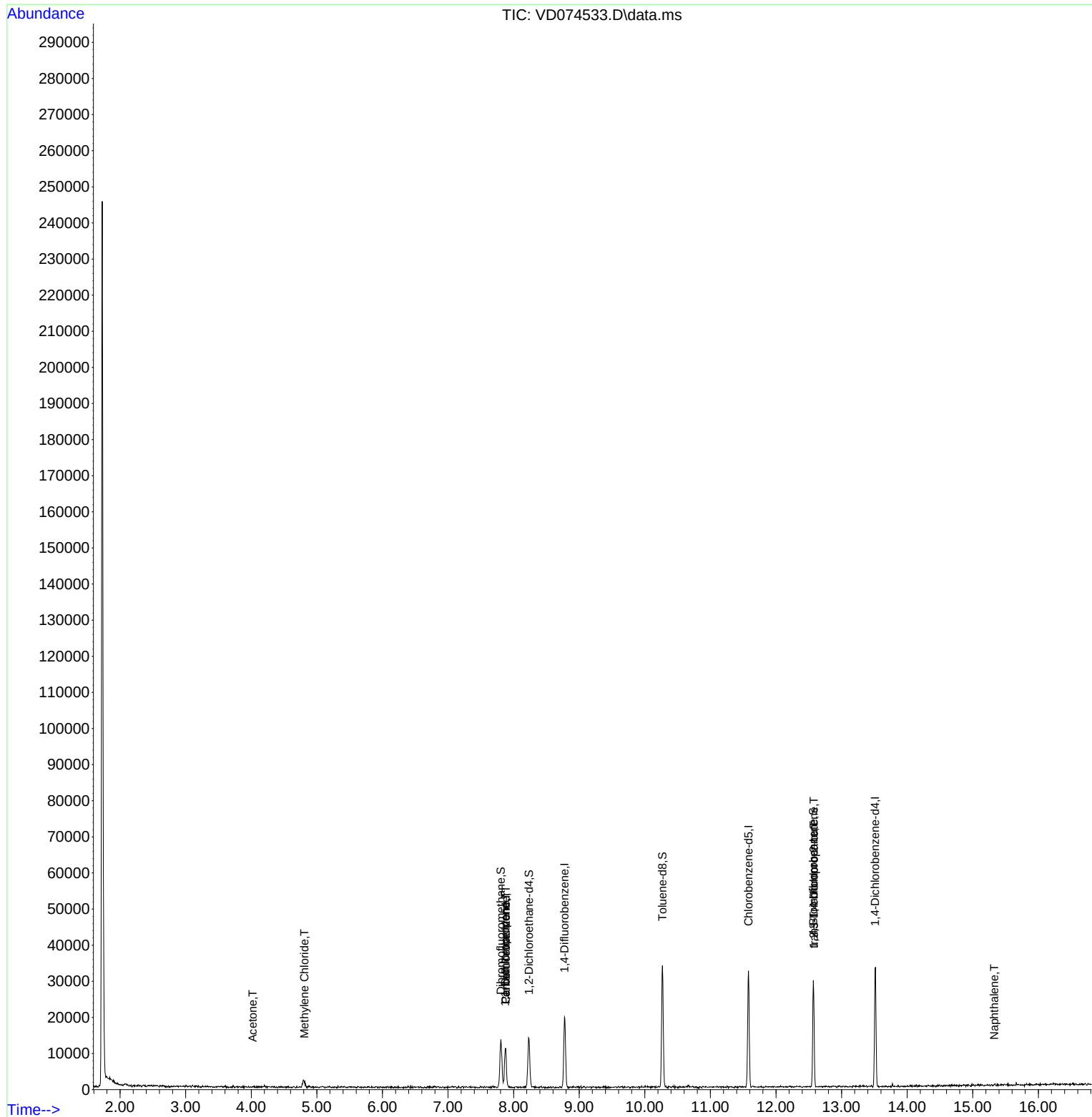
Internal Standards						
1) Pentafluorobenzene	7.881	168	10286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	19612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	21430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	10102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10691	120.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 241.500%#	
35) Dibromofluoromethane	7.805	113	9077	78.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 156.800%#	
50) Toluene-d8	10.269	98	24869	55.205	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.420%	
62) 4-Bromofluorobenzene	12.569	95	9214	68.885	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 137.780%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	125	6.545	ug/l #	37
20) Methylene Chloride	4.811	84	1792	5.378	ug/l #	75
36) 1,1-Dichloropropene	7.869	75	505	2.683	ug/l #	39
38) Carbon Tetrachloride	7.881	117	862	4.953	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	4435	51.371	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	4435	130.308	ug/l #	17
95) Naphthalene	15.328	128	465	1.162	ug/l #	69

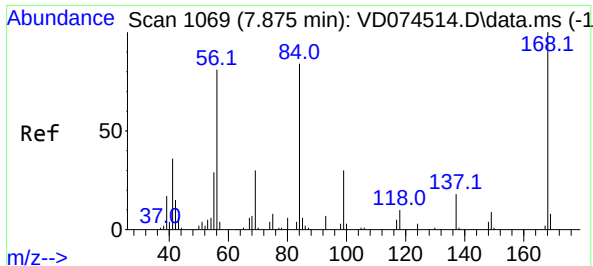
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 12 13:14:00 2022
Response via : Initial Calibration

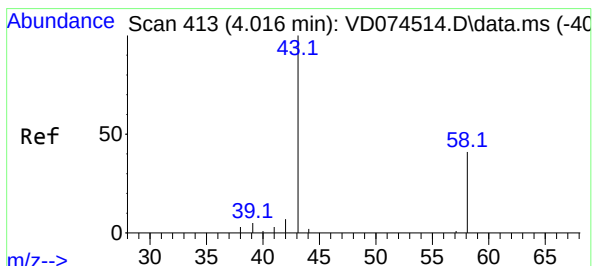
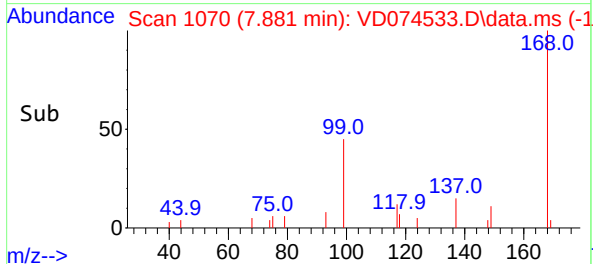
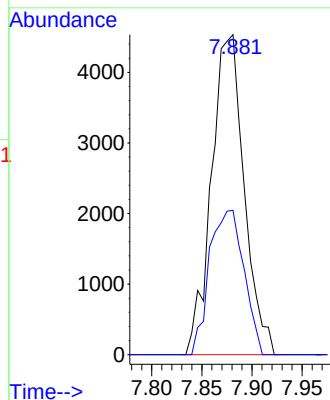
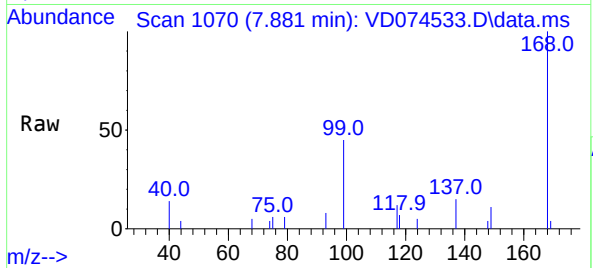




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074533.D
Acq: 13 Oct 2022 17:27

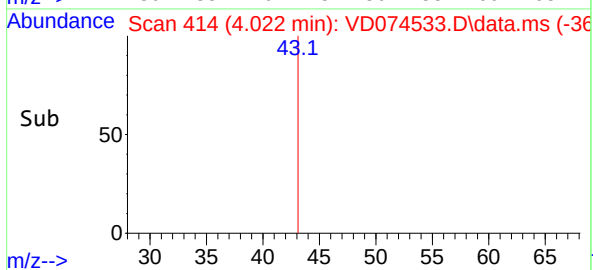
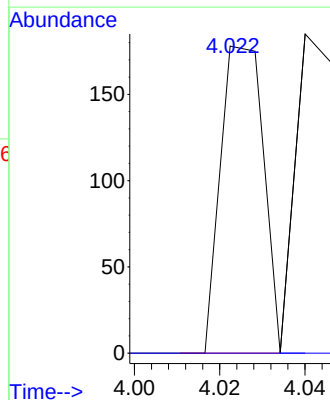
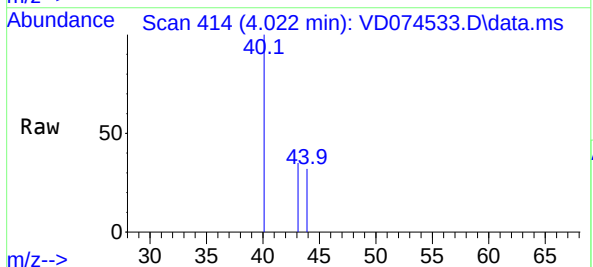
Instrument :
MSVOA_D
ClientSampleId :
WC-11

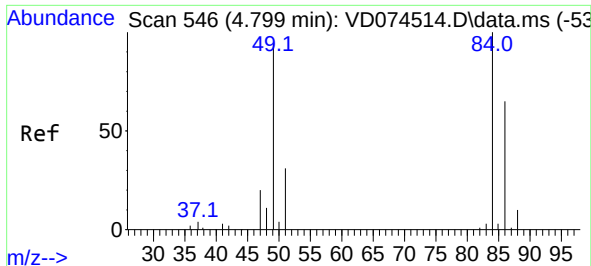
Tgt Ion:168 Resp: 10286
Ion Ratio Lower Upper
168 100
99 45.1 40.9 61.3



#16
Acetone
Concen: 6.545 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074533.D
Acq: 13 Oct 2022 17:27

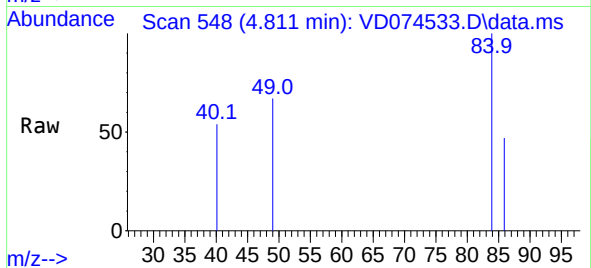
Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



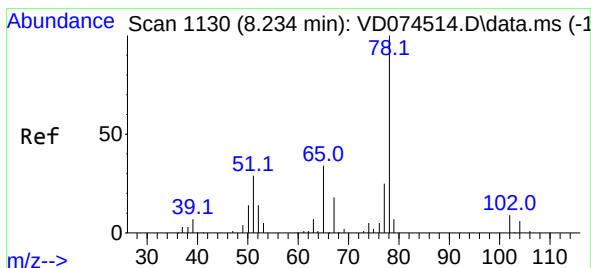
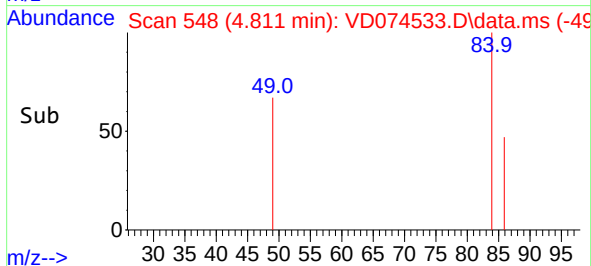
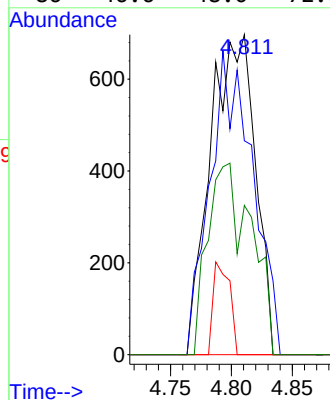


#20
Methylene Chloride
Concen: 5.378 ug/l
RT: 4.811 min Scan# 54
Delta R.T. 0.012 min
Lab File: VD074533.D
Acq: 13 Oct 2022 17:27

Instrument :
MSVOA_D
ClientSampleId :
WC-11

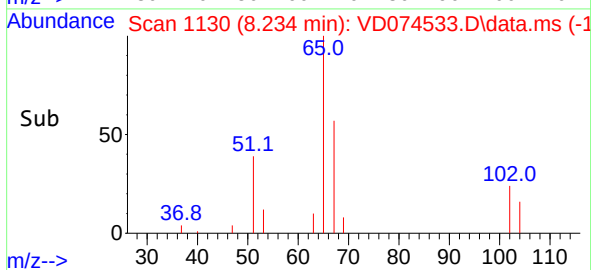
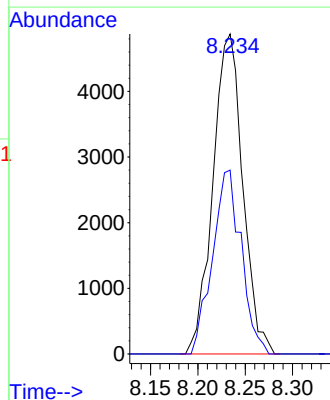
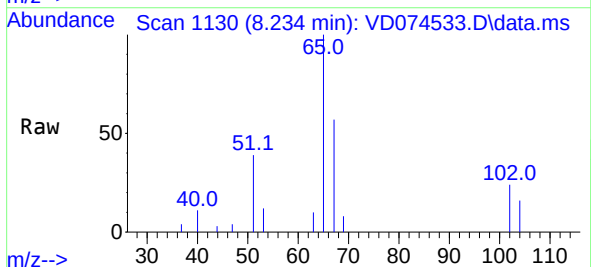


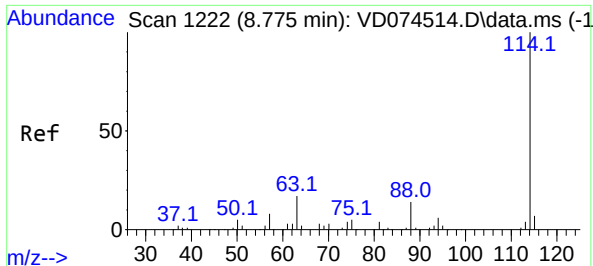
Tgt Ion: 84 Resp: 1792
Ion Ratio Lower Upper
84 100
49 66.9 68.0 102.0#
51 0.0 23.2 34.8#
86 46.6 48.0 72.0#



#33
1,2-Dichloroethane-d4
Concen: 120.751 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074533.D
Acq: 13 Oct 2022 17:27

Tgt Ion: 65 Resp: 10691
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.2

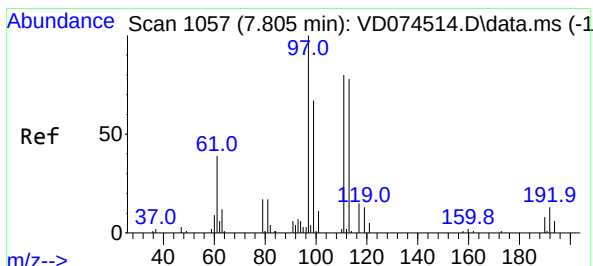
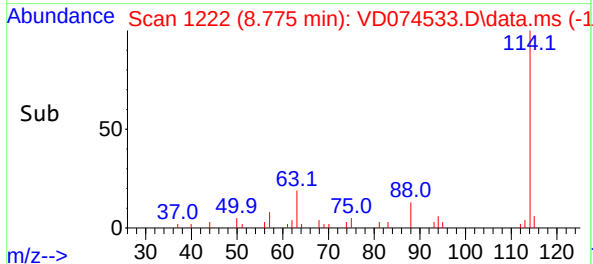
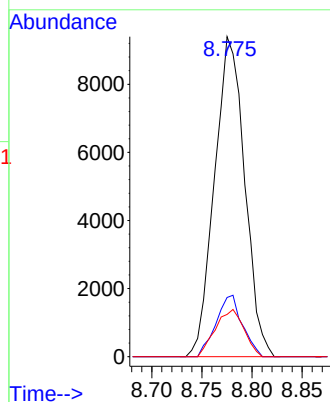
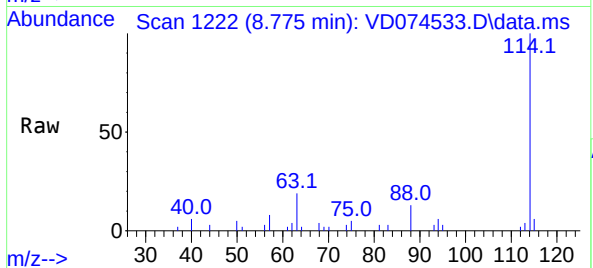




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074533.D
Acq: 13 Oct 2022 17:27

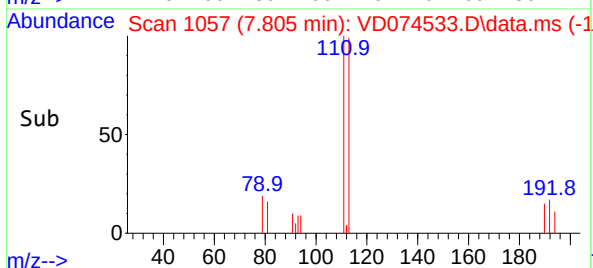
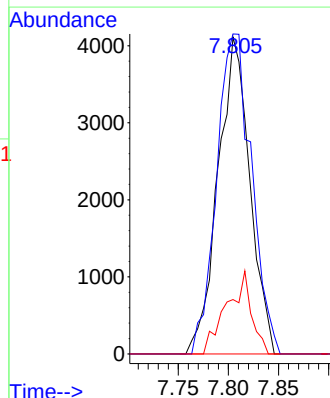
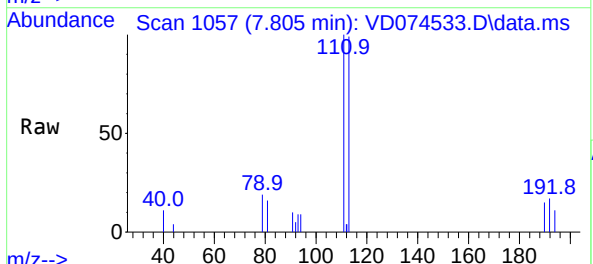
Instrument :
MSVOA_D
ClientSampleId :
WC-11

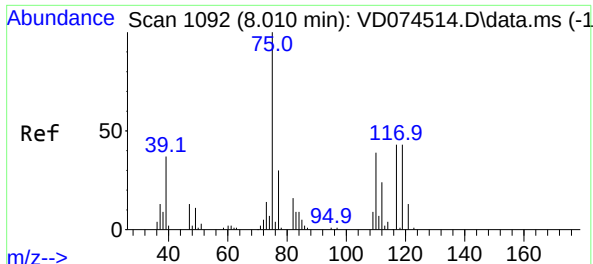
Tgt Ion:	114	Resp:	19612
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	33.2
88	13.2	0.0	28.2



#35
Dibromofluoromethane
Concen: 78.400 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD074533.D
Acq: 13 Oct 2022 17:27

Tgt Ion:	113	Resp:	9077
Ion Ratio	Lower	Upper	
113	100		
111	110.4	82.3	123.5
192	20.3	16.4	24.6





#36

1,1-Dichloropropene

Concen: 2.683 ug/l

RT: 7.869 min Scan# 10

Delta R.T. -0.135 min

Lab File: VD074533.D

Acq: 13 Oct 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

WC-11

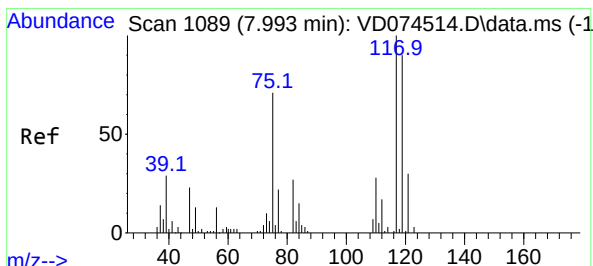
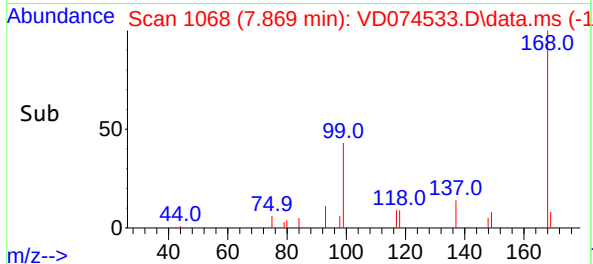
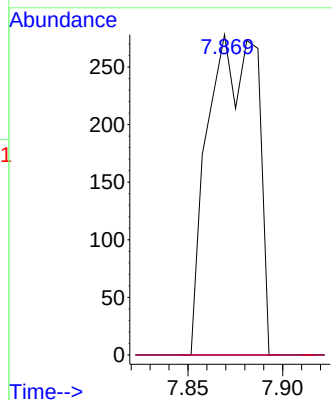
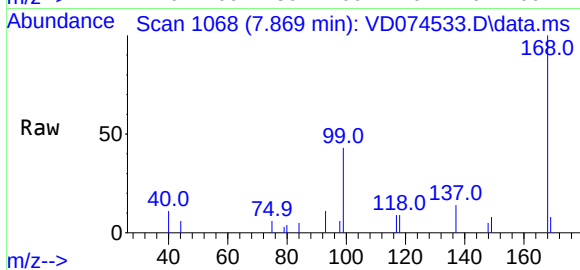
Tgt Ion: 75 Resp: 505

Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 4.953 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.106 min

Lab File: VD074533.D

Acq: 13 Oct 2022 17:27

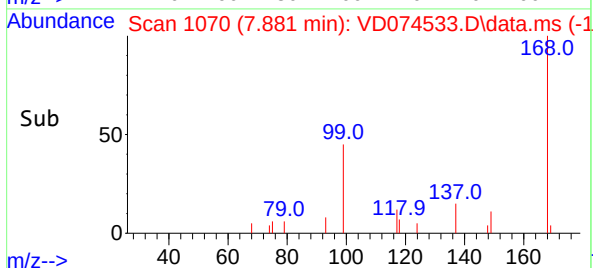
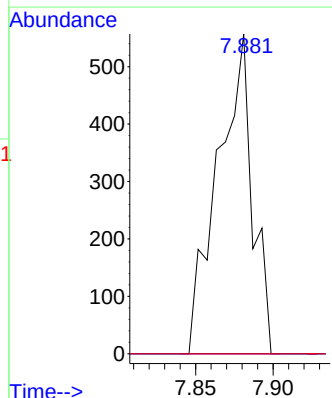
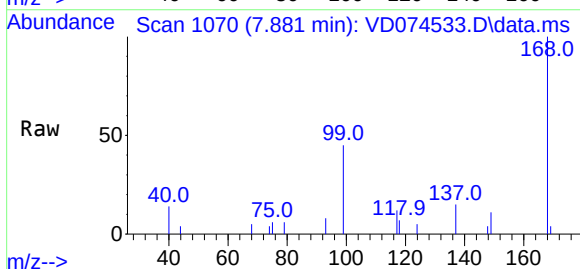
Tgt Ion: 117 Resp: 862

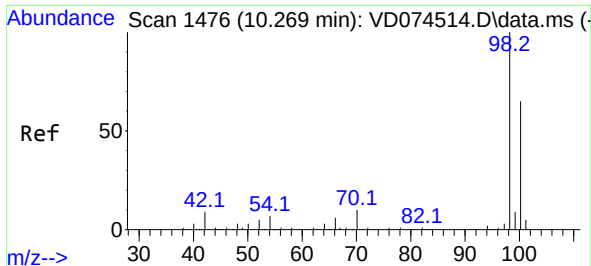
Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#

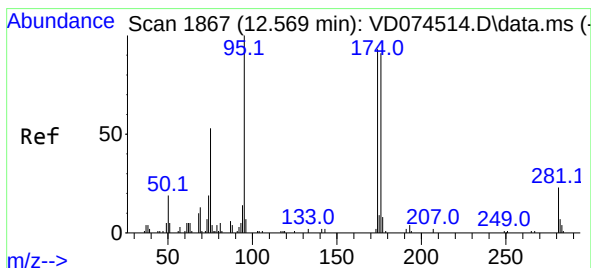
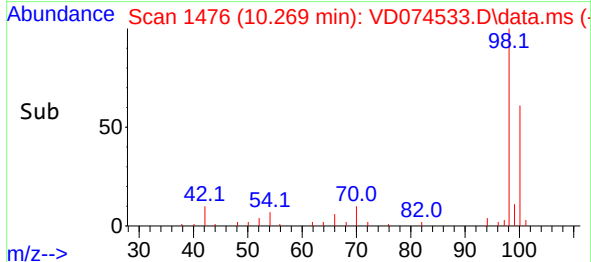
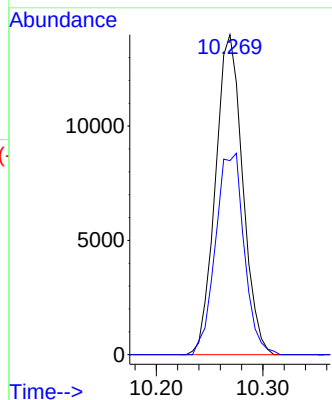
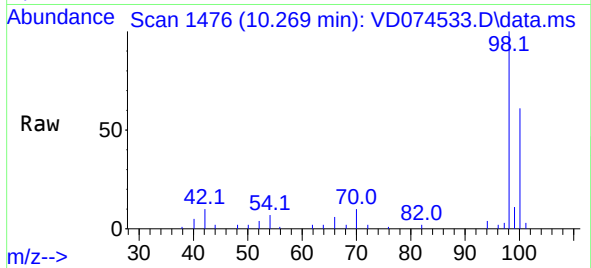




#50
Toluene-d8
Concen: 55.205 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074533.D
Acq: 13 Oct 2022 17:27

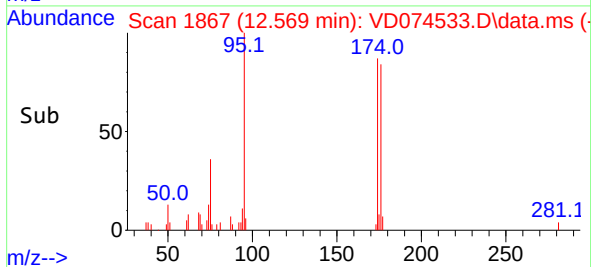
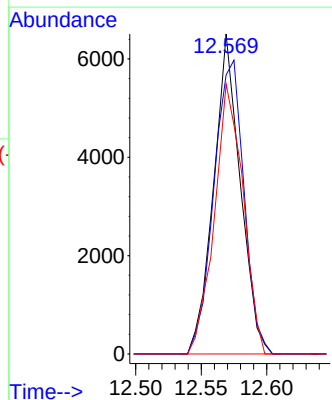
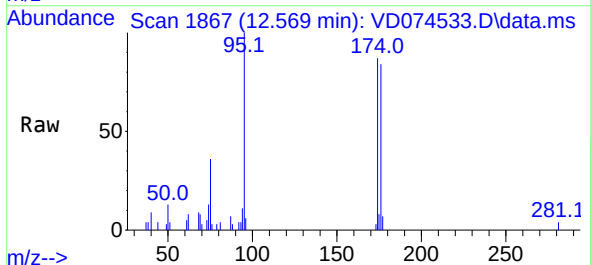
Instrument :
MSVOA_D
ClientSampleId :
WC-11

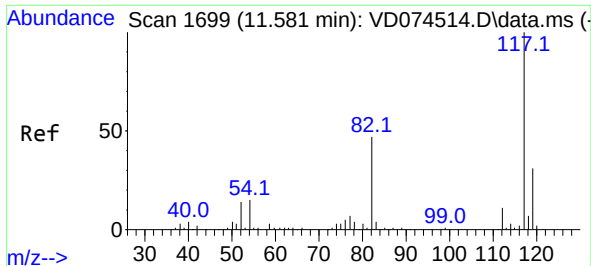
Tgt Ion: 98 Resp: 24869
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 68.885 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074533.D
Acq: 13 Oct 2022 17:27

Tgt Ion: 95 Resp: 9214
Ion Ratio Lower Upper
95 100
174 103.4 0.0 197.0
176 90.2 0.0 182.6

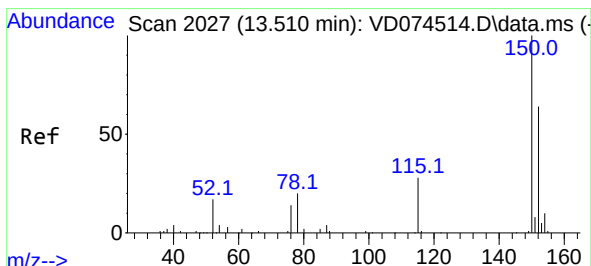
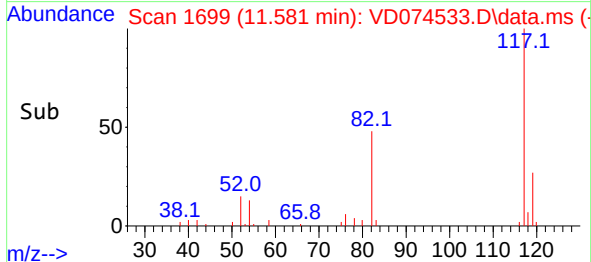
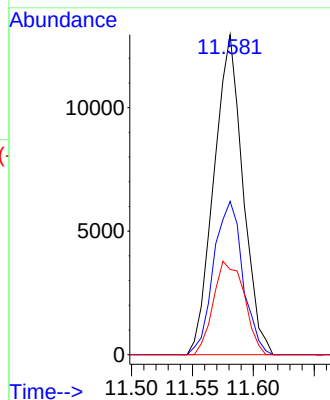
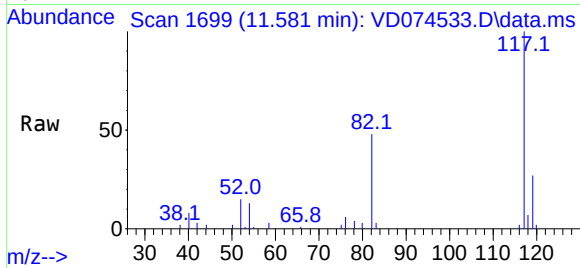




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074533.D
Acq: 13 Oct 2022 17:27

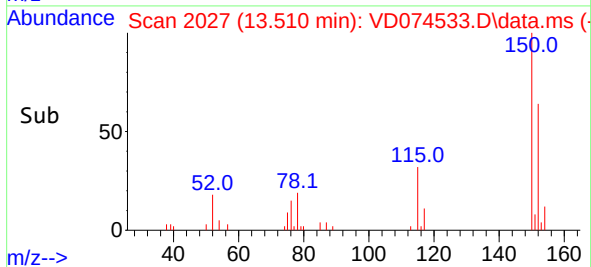
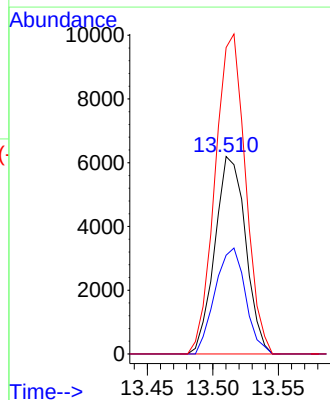
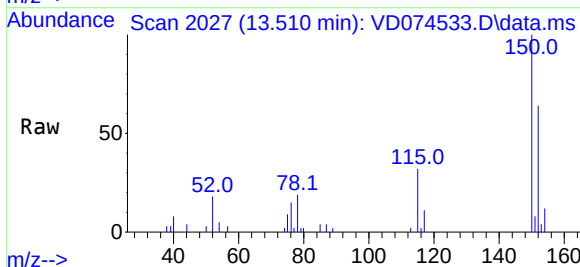
Instrument :
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ClientSampleId :
WC-11

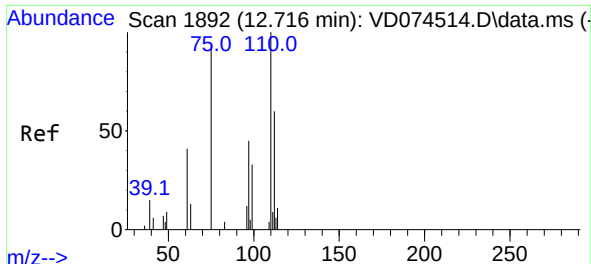
Tgt Ion:117	Resp:	21430
Ion	Ratio	Lower Upper
117	100	
82	47.9	41.6 62.4
119	26.6	25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074533.D
Acq: 13 Oct 2022 17:27

Tgt Ion:152	Resp:	10102
Ion	Ratio	Lower Upper
152	100	
115	53.2	26.8 80.4
150	159.8	0.0 348.2

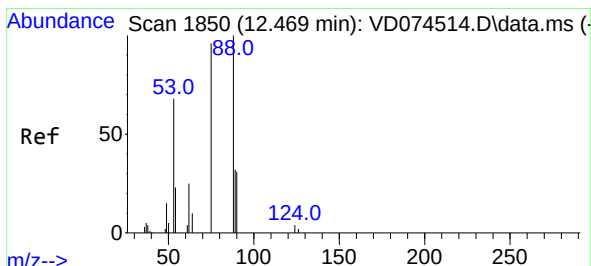
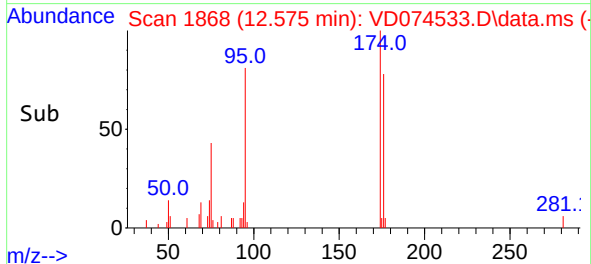
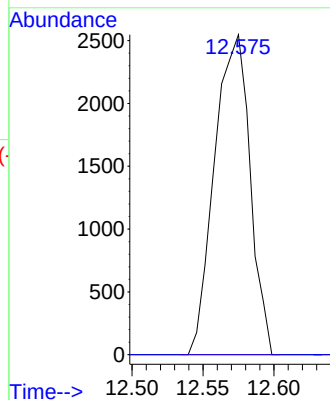
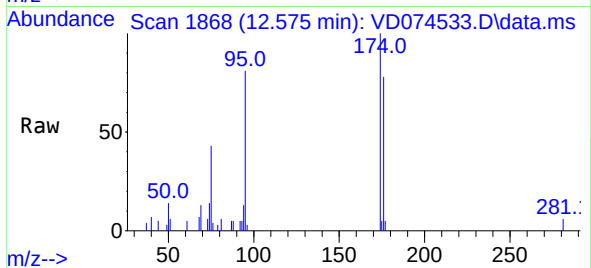




#76
1,2,3-Trichloropropane
Concen: 51.371 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.141 min
Lab File: VD074533.D
Acq: 13 Oct 2022 17:27

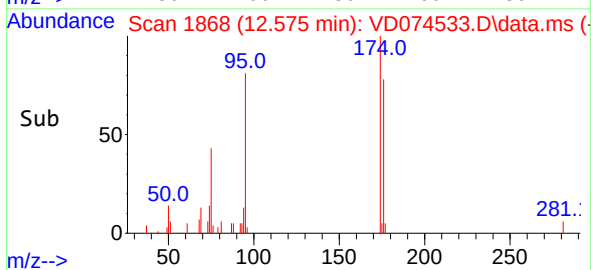
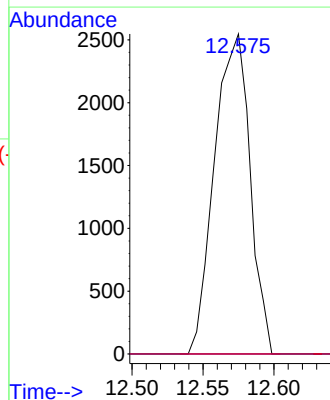
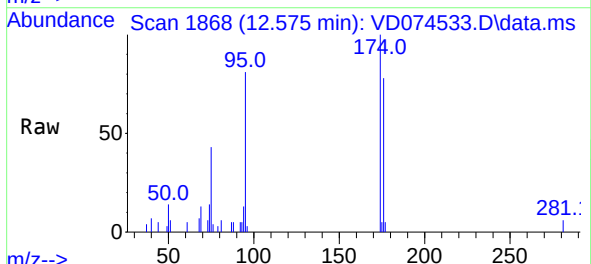
Instrument :
MSVOA_D
ClientSampleId :
WC-11

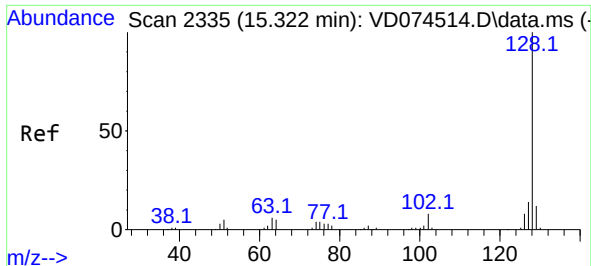
Tgt Ion: 75 Resp: 4435
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.308 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.112 min
Lab File: VD074533.D
Acq: 13 Oct 2022 17:27

Tgt Ion: 75 Resp: 4435
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#





#95

Naphthalene

Concen: 1.162 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD074533.D

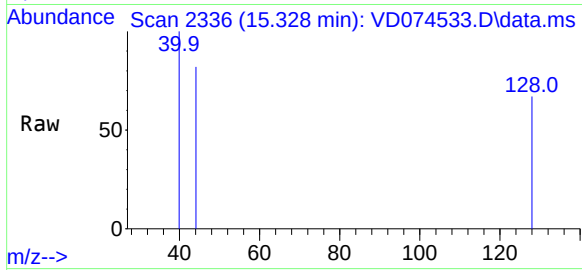
Acq: 13 Oct 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

WC-11



Tgt Ion:128 Resp: 465

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.3 12.5#

