

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074536.D
 Acq On : 13 Oct 2022 18:51
 Operator : VA/SY
 Sample : N5142-13
 Misc : 6.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-8

Quant Time: Oct 14 01:32:42 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)

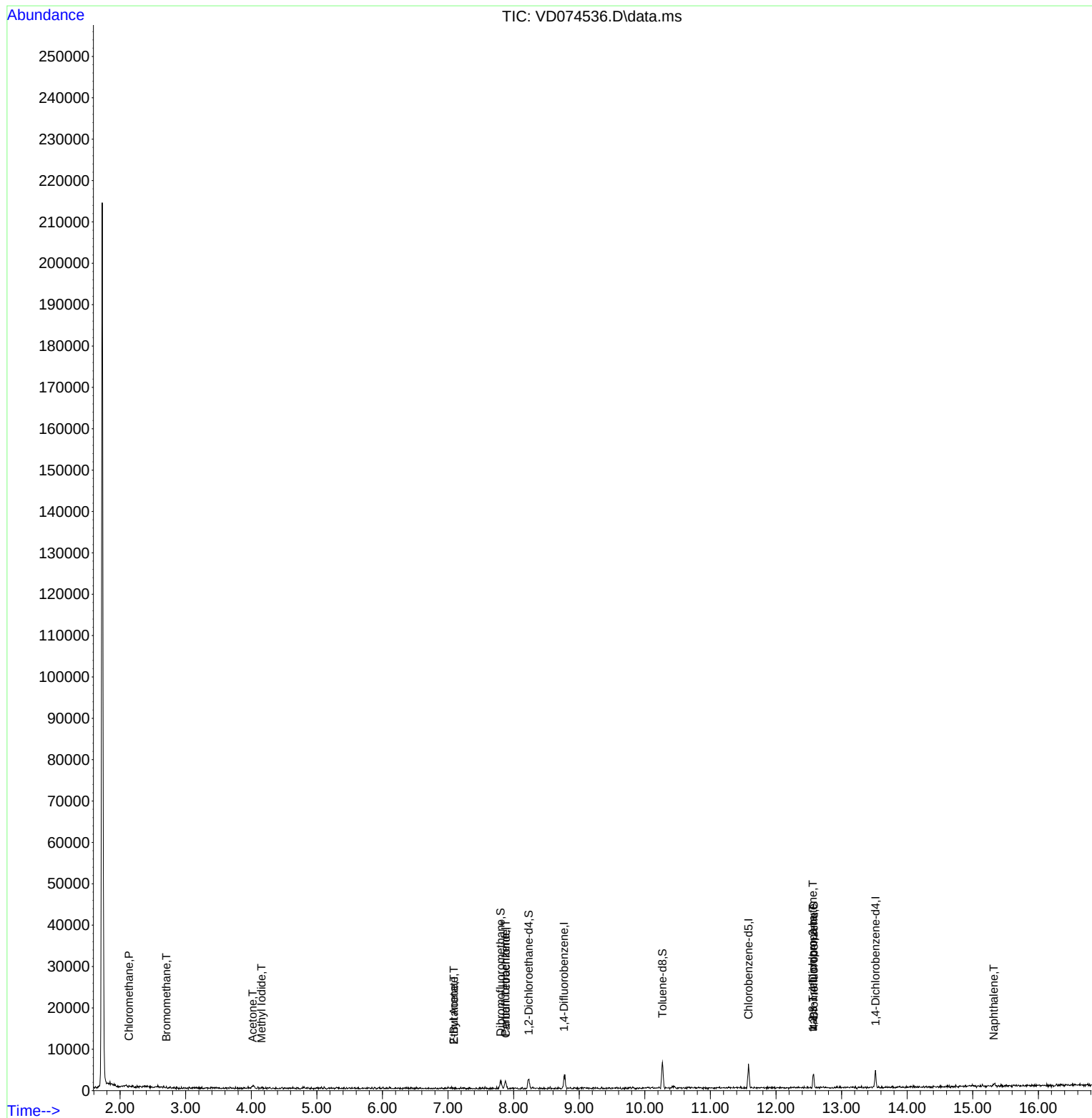
Internal Standards						
1) Pentafluorobenzene	7.875	168	2348	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.769	114	4332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	3731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1906	94.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.620%#	
35) Dibromofluoromethane	7.799	113	1509	58.285	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.580%	
50) Toluene-d8	10.269	98	5234	52.682	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.360%	
62) 4-Bromofluorobenzene	12.575	95	1405	45.649	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.134	50	200	7.079	ug/l	# 37
5) Bromomethane	2.705	94	54	2.604	ug/l	89
10) Methyl Iodide	4.158	142	141	8.417	ug/l	# 43
16) Acetone	4.022	43	1205	276.403	ug/l	# 37
20) Methylene Chloride	4.805	84	62	Below Cal	#	44
25) 2-Butanone	7.087	43	54	8.973	ug/l	# 42
37) Ethyl Acetate	7.087	43	54	3.957	ug/l	# 66
38) Carbon Tetrachloride	7.881	117	55	1.431	ug/l	# 14
76) 1,2,3-Trichloropropane	12.563	75	690	62.011	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.563	75	690	157.298	ug/l	# 17
95) Naphthalene	15.322	128	964	18.692	ug/l	# 69

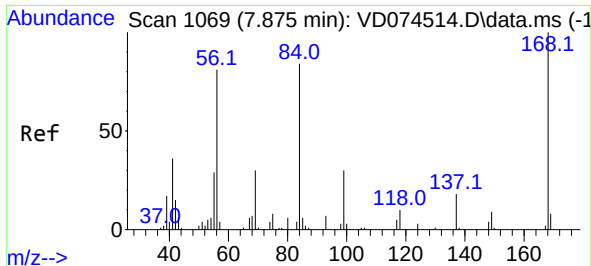
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
Data File : VD074536.D
Acq On : 13 Oct 2022 18:51
Operator : VA/SY
Sample : N5142-13
Misc : 6.72G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-8

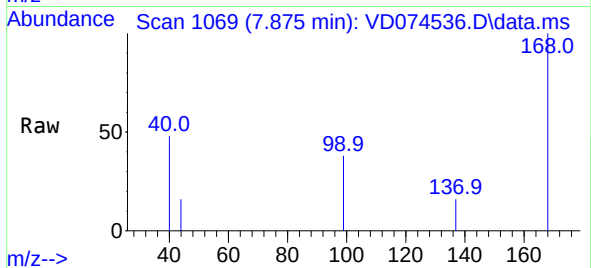
Quant Time: Oct 14 01:32:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 12 13:14:00 2022
Response via : Initial Calibration



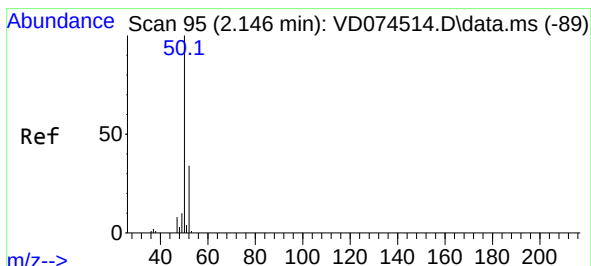
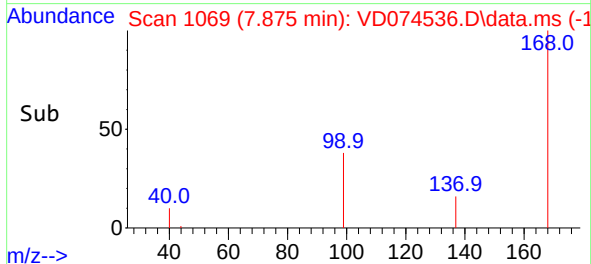
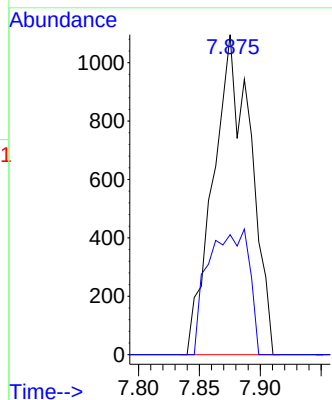


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

Instrument :
MSVOA_D
ClientSampleId :
WC-8

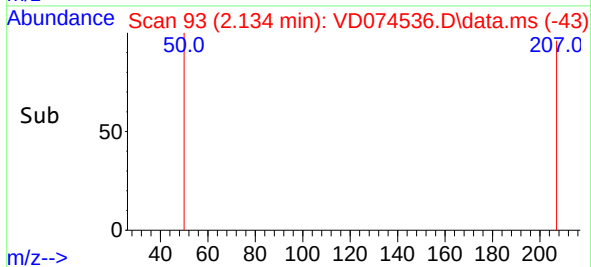
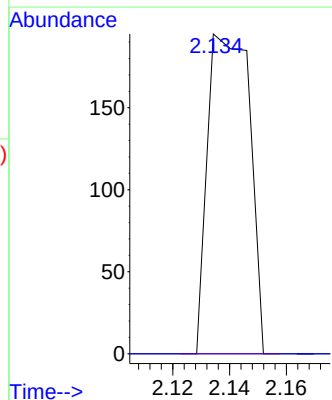
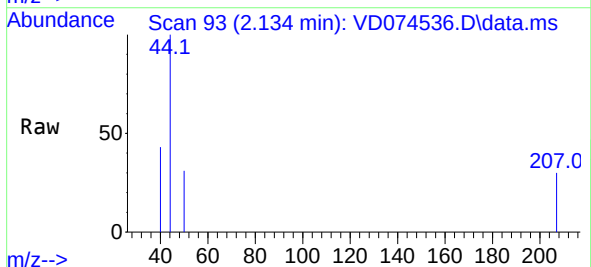


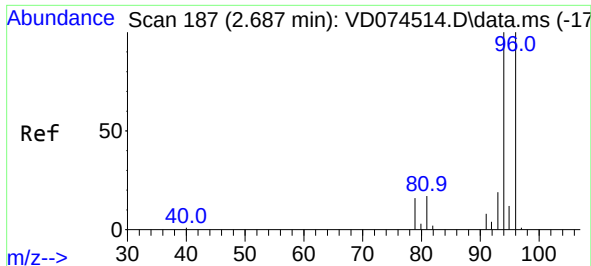
Tgt Ion:168 Resp: 2348
Ion Ratio Lower Upper
168 100
99 37.5 40.9 61.3#



#3
Chloromethane
Concen: 7.079 ug/l
RT: 2.134 min Scan# 93
Delta R.T. -0.006 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

Tgt Ion: 50 Resp: 200
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

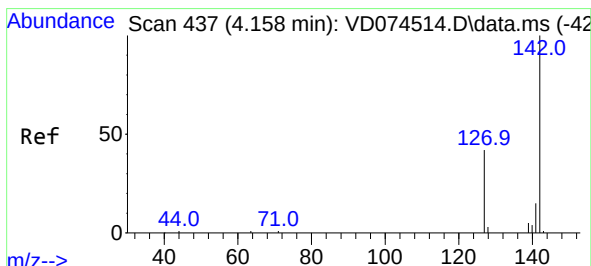
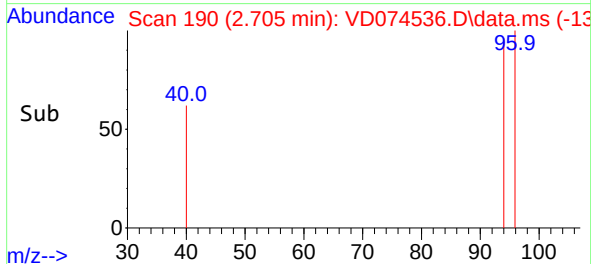
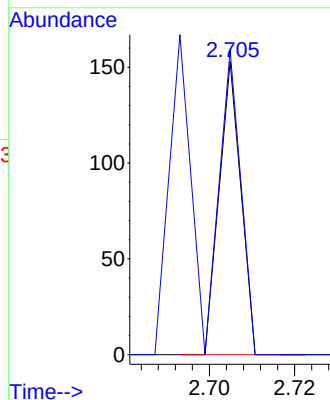
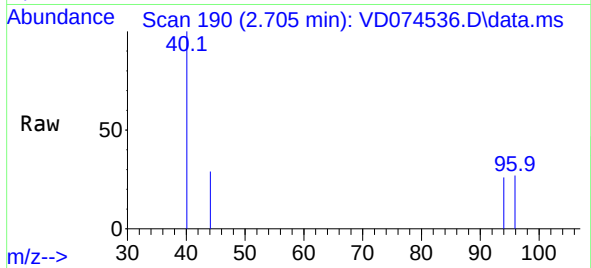




#5
Bromomethane
Concen: 2.604 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.024 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

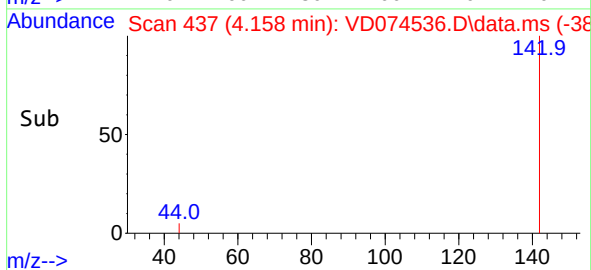
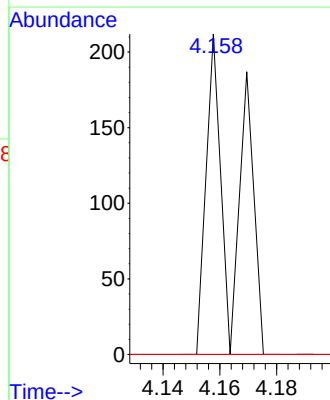
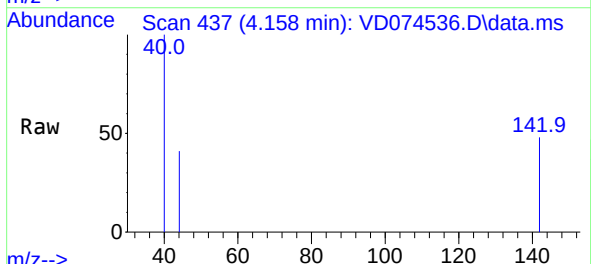
Instrument :
MSVOA_D
ClientSampleId :
WC-8

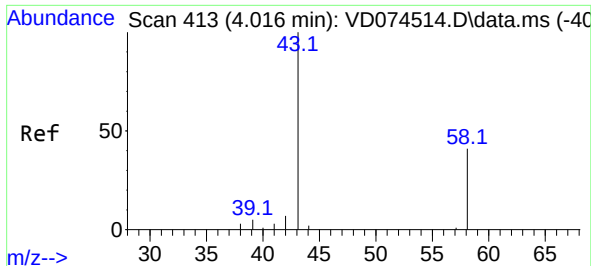
Tgt Ion: 94 Resp: 54
Ion Ratio Lower Upper
94 100
96 103.9 74.6 112.0



#10
Methyl Iodide
Concen: 8.417 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

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

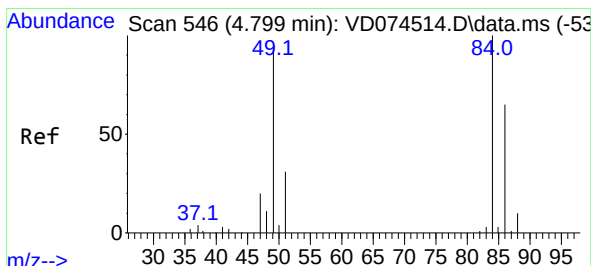
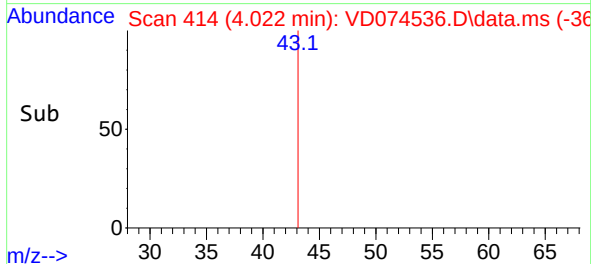
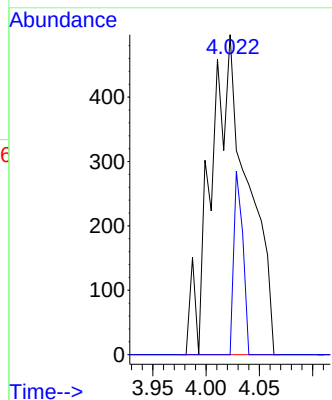
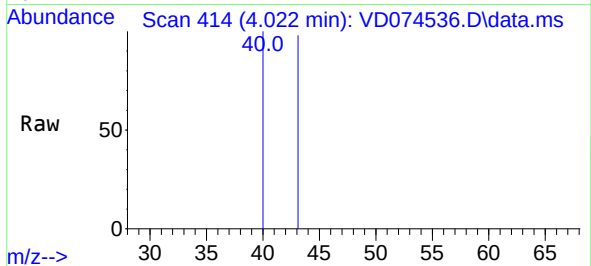




#16
Acetone
Concen: 276.403 ug/l
RT: 4.022 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

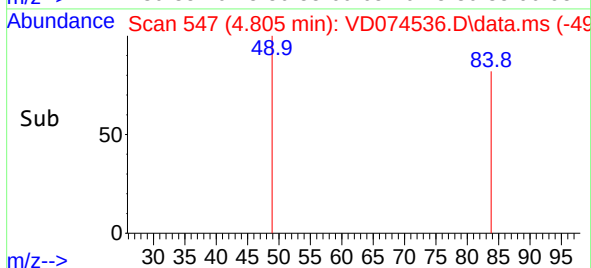
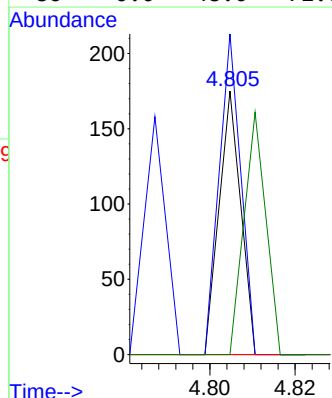
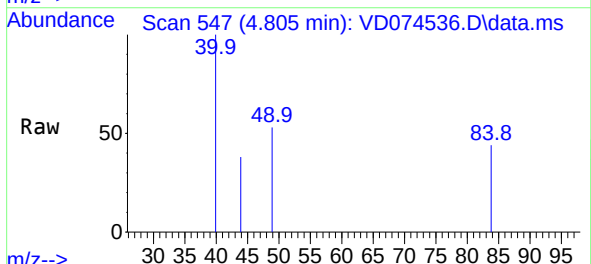
Instrument :
MSVOA_D
ClientSampleId :
WC-8

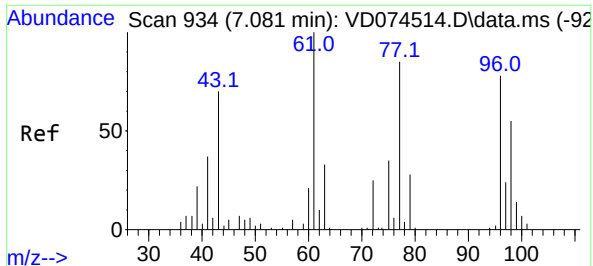
Tgt Ion: 43 Resp: 1205
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

Tgt Ion: 84 Resp: 62
Ion Ratio Lower Upper
84 100
49 121.7 68.0 102.0#
51 0.0 23.2 34.8#
86 0.0 48.0 72.0#

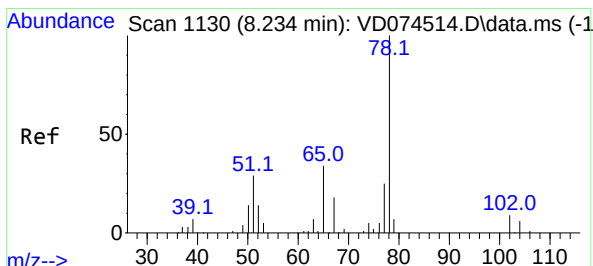
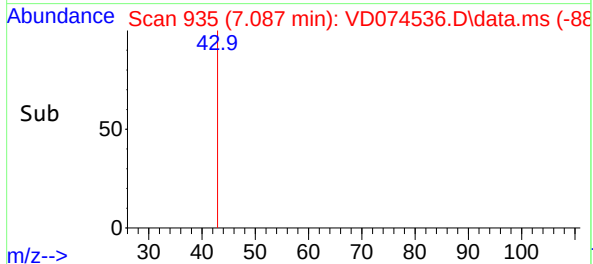
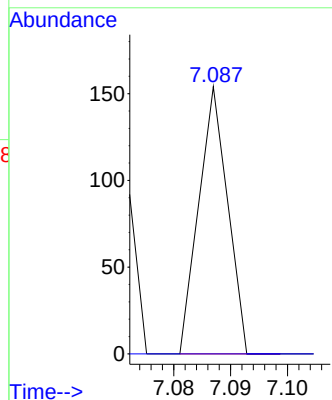
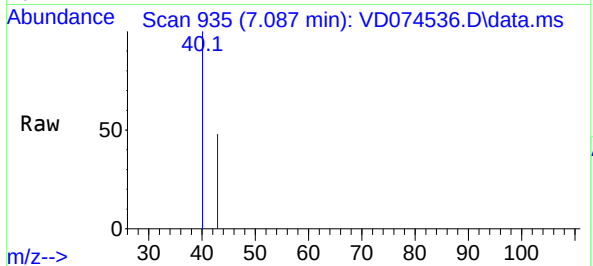




#25
2-Butanone
Concen: 8.973 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

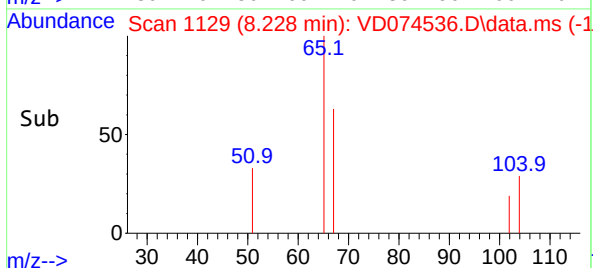
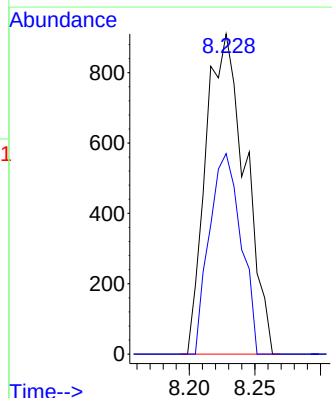
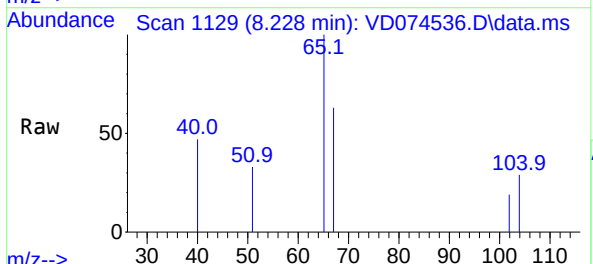
Instrument :
MSVOA_D
ClientSampleId :
WC-8

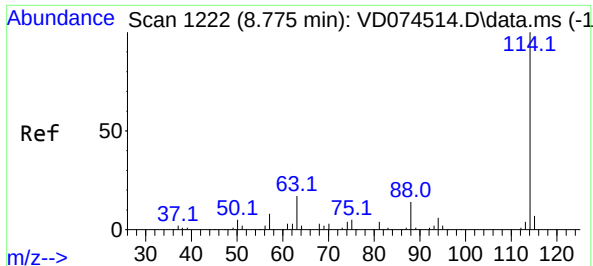
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#33
1,2-Dichloroethane-d4
Concen: 94.307 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

Tgt Ion: 65 Resp: 1906
Ion Ratio Lower Upper
65 100
67 50.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074536.D

Acq: 13 Oct 2022 18:51

Instrument :

MSVOA_D

ClientSampleId :

WC-8

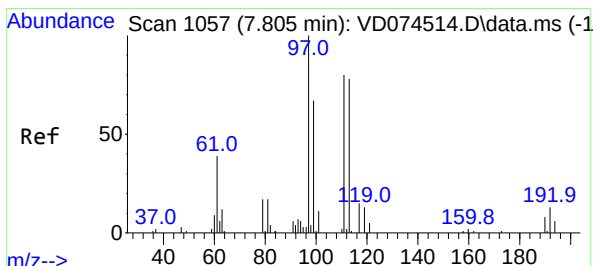
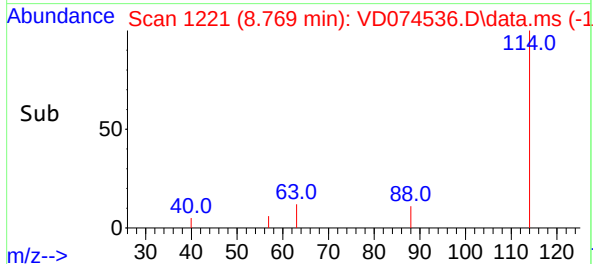
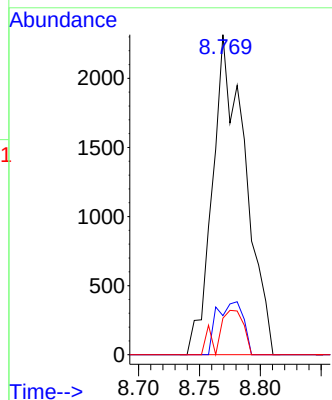
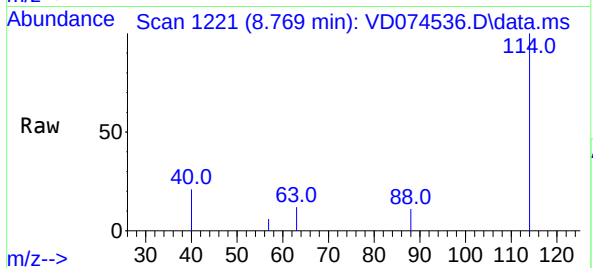
Tgt Ion:114 Resp: 4332

Ion Ratio Lower Upper

114 100

63 12.2 0.0 33.2

88 11.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 58.285 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.005 min

Lab File: VD074536.D

Acq: 13 Oct 2022 18:51

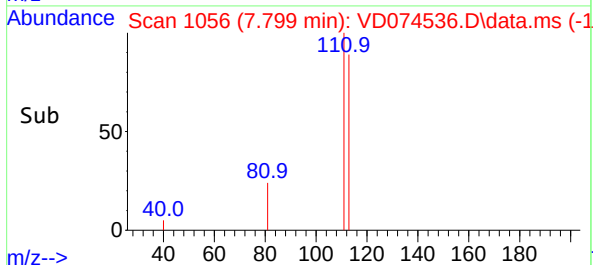
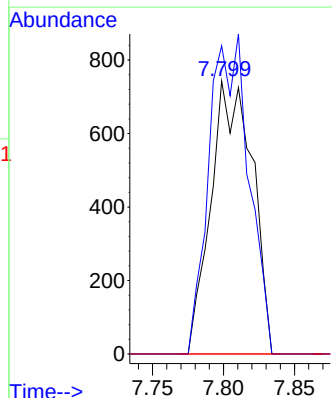
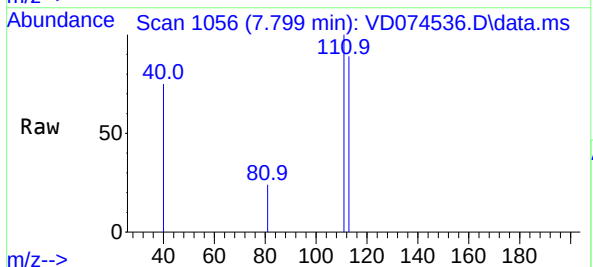
Tgt Ion:113 Resp: 1509

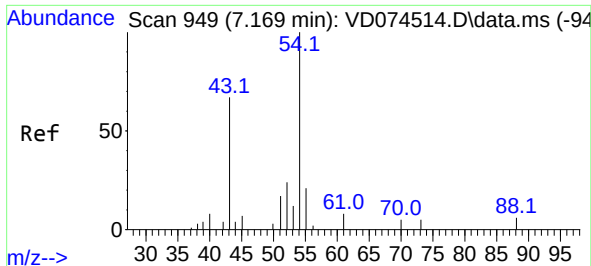
Ion Ratio Lower Upper

113 100

111 111.7 82.3 123.5

192 0.0 16.4 24.6#





#37

Ethyl Acetate

Concen: 3.957 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.082 min

Lab File: VD074536.D

Acq: 13 Oct 2022 18:51

Instrument :

MSVOA_D

ClientSampleId :

WC-8

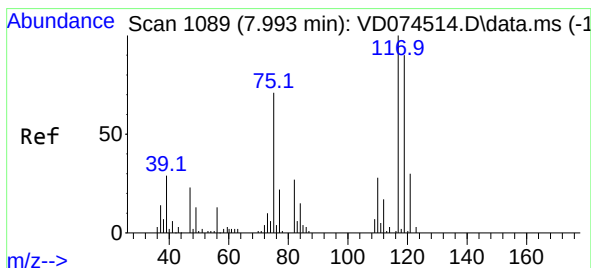
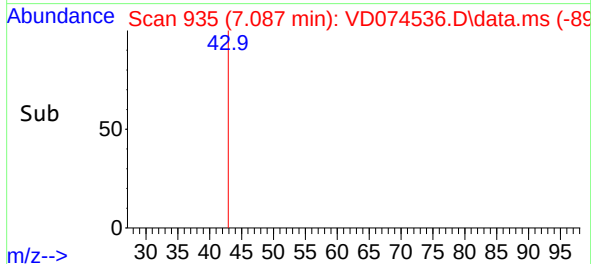
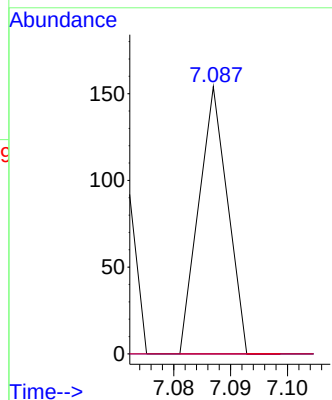
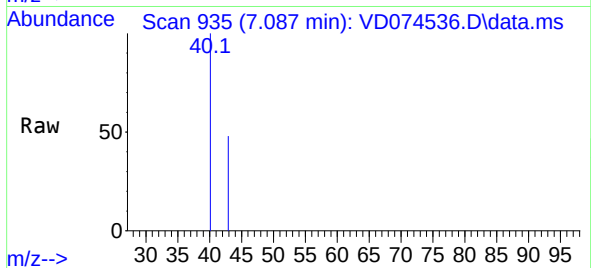
Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 1.431 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.106 min

Lab File: VD074536.D

Acq: 13 Oct 2022 18:51

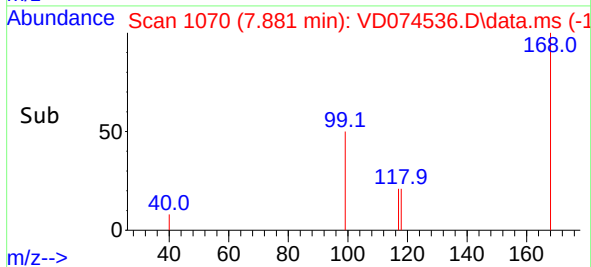
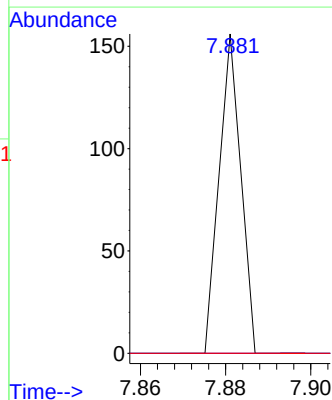
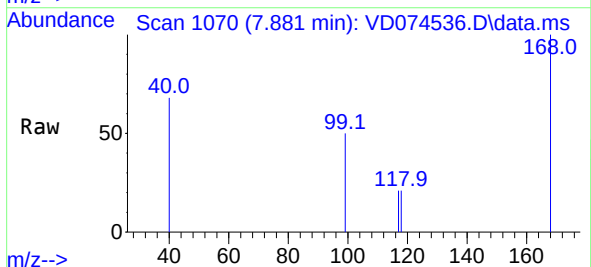
Tgt Ion: 117 Resp: 55

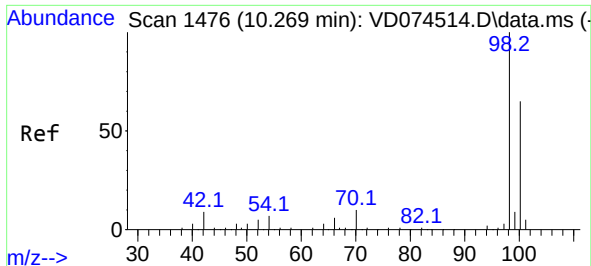
Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#

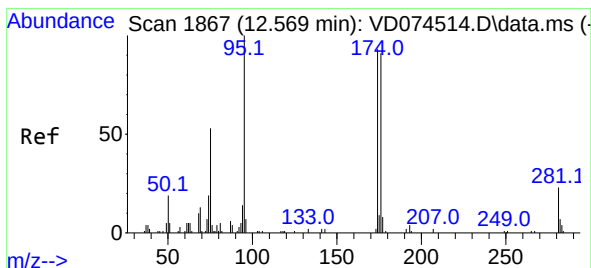
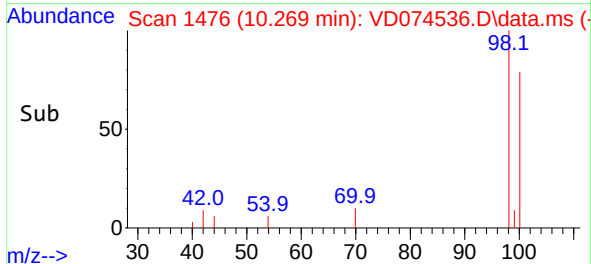
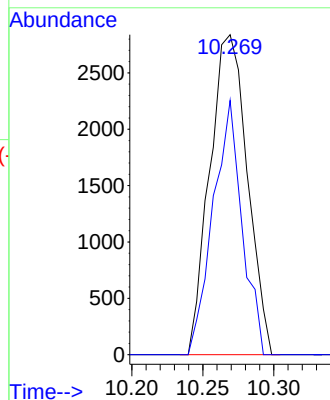
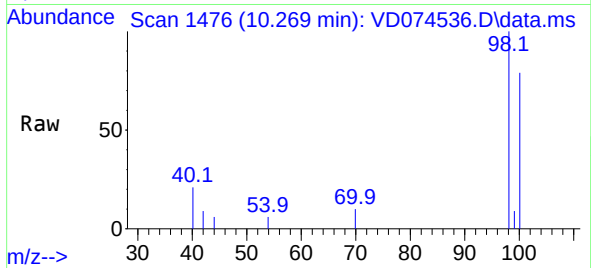




#50
Toluene-d8
Concen: 52.682 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

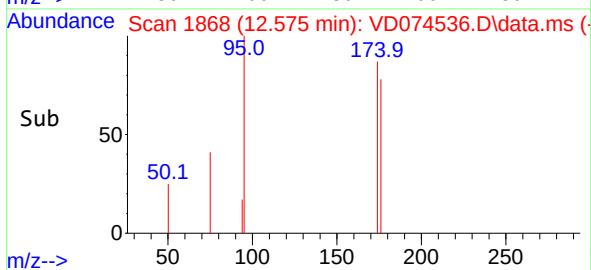
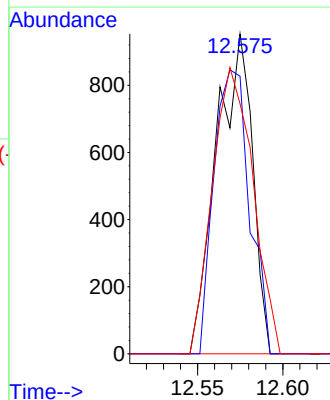
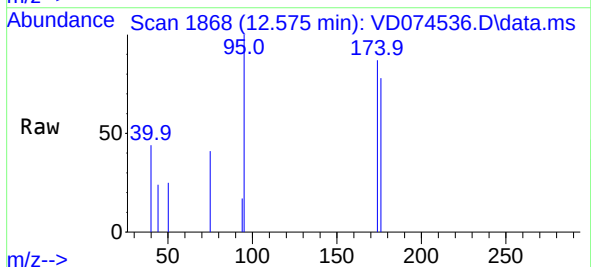
Instrument :
MSVOA_D
ClientSampleId :
WC-8

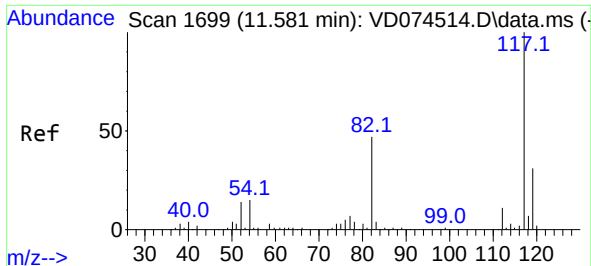
Tgt Ion: 98 Resp: 5234
Ion Ratio Lower Upper
98 100
100 61.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.649 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

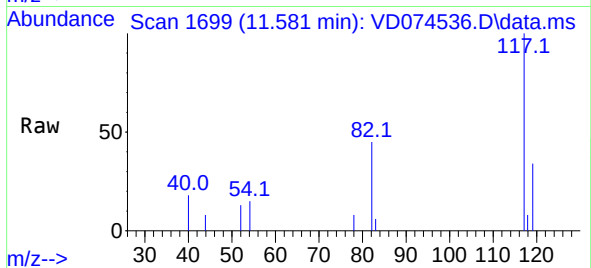
Tgt Ion: 95 Resp: 1405
Ion Ratio Lower Upper
95 100
174 87.5 0.0 197.0
176 100.4 0.0 182.6



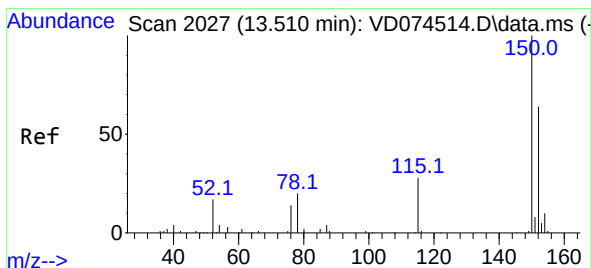
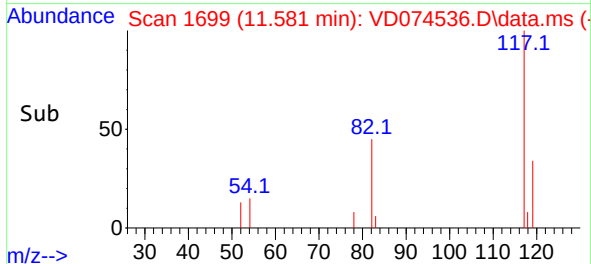
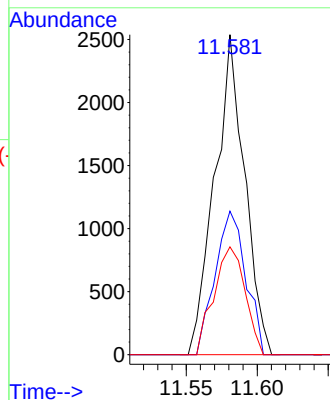


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

Instrument :
MSVOA_D
ClientSampleId :
WC-8

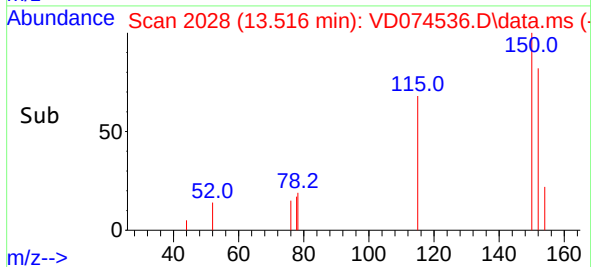
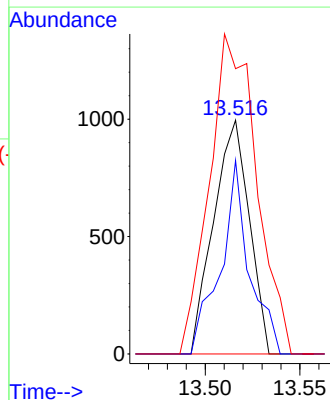
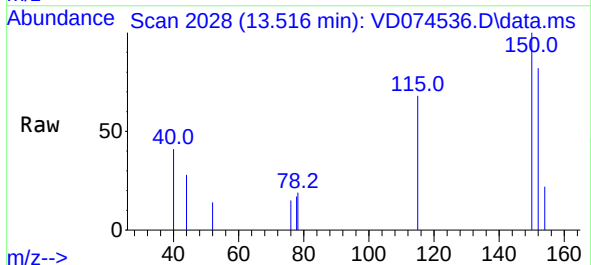


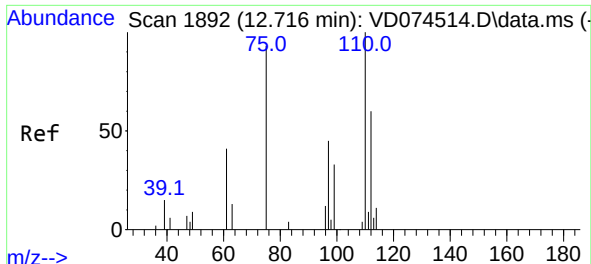
Tgt Ion:117 Resp: 3731
Ion Ratio Lower Upper
117 100
82 44.8 41.6 62.4
119 33.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

Tgt Ion:152 Resp: 1302
Ion Ratio Lower Upper
152 100
115 67.1 26.8 80.4
150 181.1 0.0 348.2

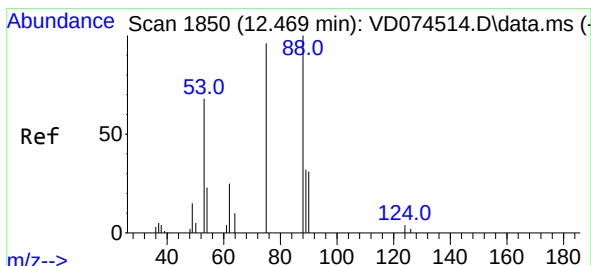
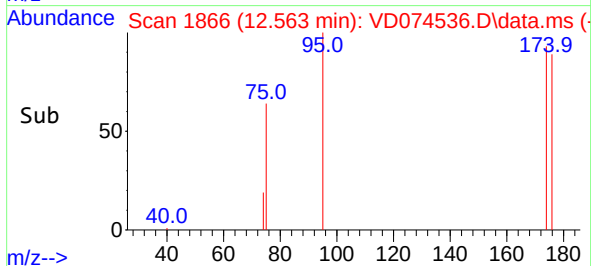
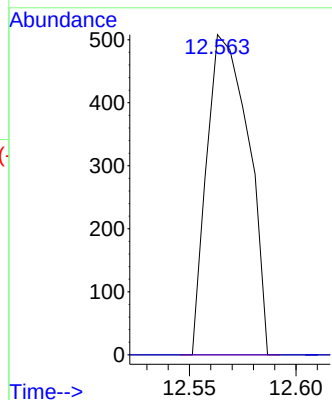
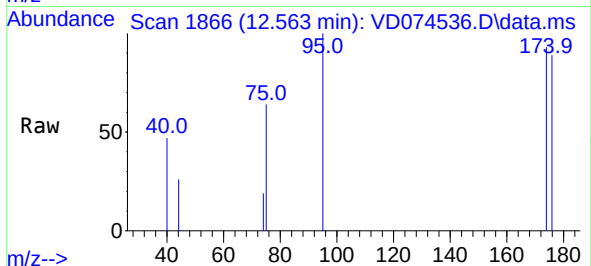




#76
1,2,3-Trichloropropane
Concen: 62.011 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.153 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

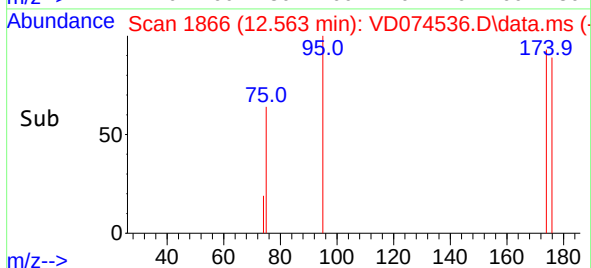
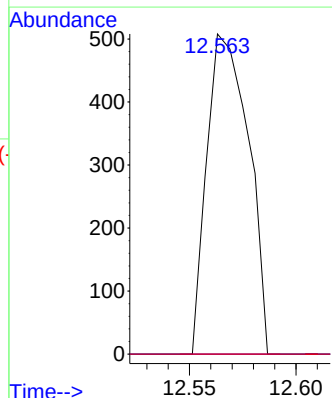
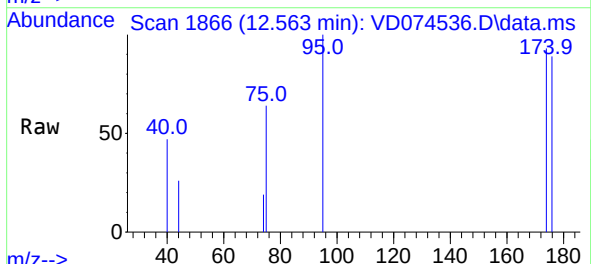
Instrument :
MSVOA_D
ClientSampleId :
WC-8

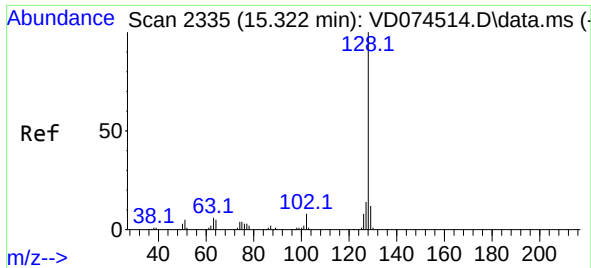
Tgt Ion: 75 Resp: 690
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 157.298 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.100 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

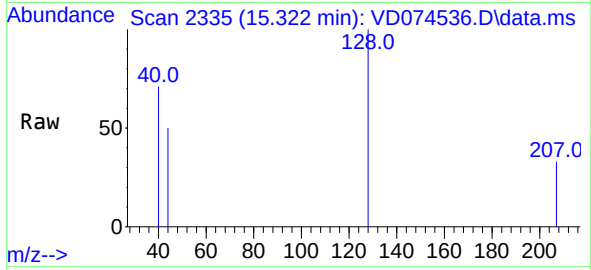
Tgt Ion: 75 Resp: 690
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#





#95
Naphthalene
Concen: 18.692 ug/l
RT: 15.322 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

Instrument :
MSVOA_D
ClientSampleId :
WC-8



Tgt Ion:	128	Resp:	964
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.3	12.5#

