

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
 Data File : VD071978.D
 Acq On : 15 Feb 2022 14:48
 Operator : VA/SY
 Sample : N1521-17RE
 Misc : 6.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 16 00:36:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

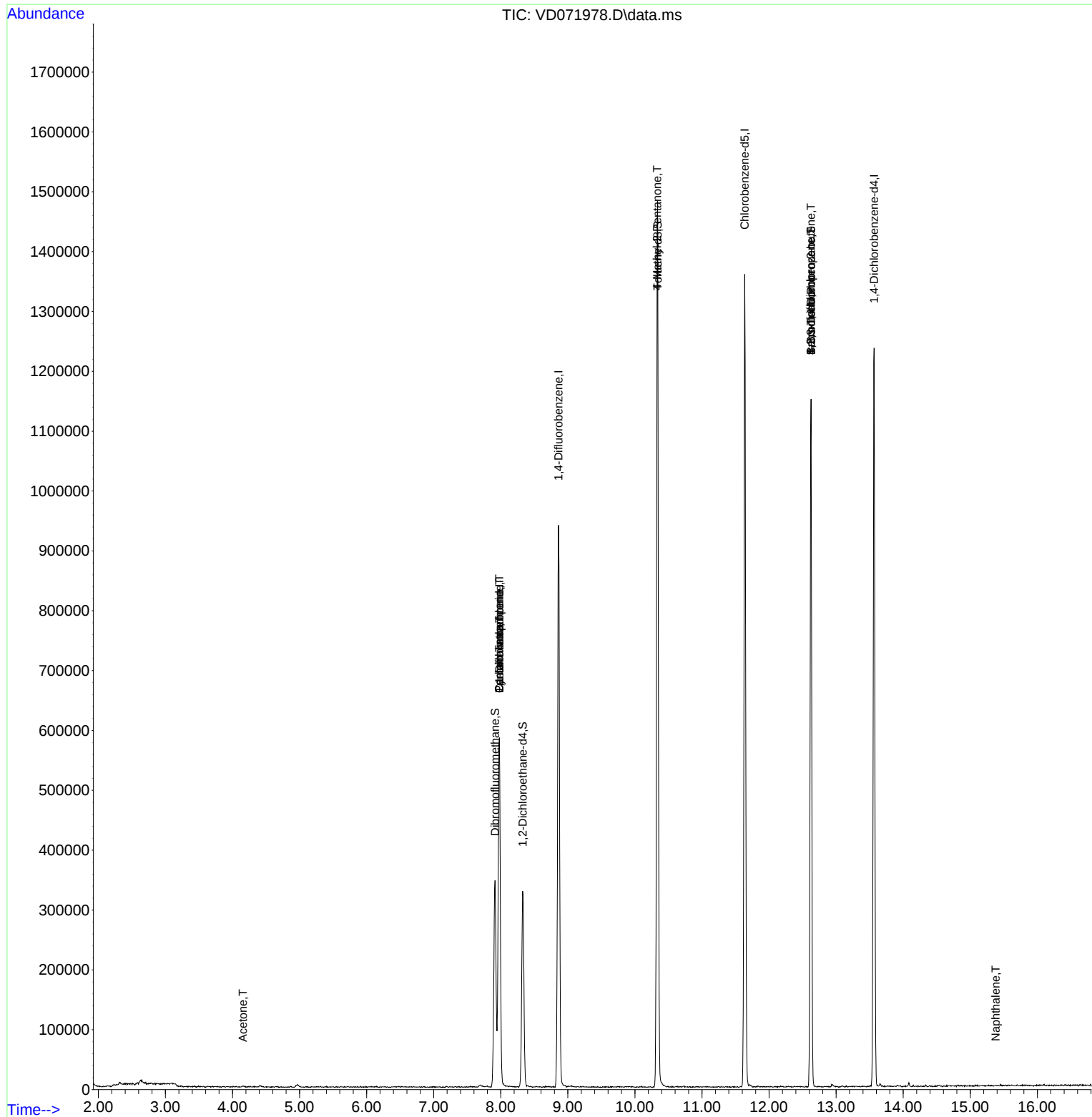
Internal Standards						
1) Pentafluorobenzene	7.979	168	394114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	744553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	709510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	300801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	268092	53.819	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.640%			
35) Dibromofluoromethane	7.914	113	241901	49.426	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.860%			
50) Toluene-d8	10.338	98	964915	52.791	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.580%			
62) 4-Bromofluorobenzene	12.626	95	316767	49.627	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.260%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.173	59	137	Below Cal	#	74
16) Acetone	4.156	43	1609	1.180	ug/l #	85
20) Methylene Chloride	4.967	84	2330	Below Cal	#	91
31) Cyclohexane	7.979	56	12120	1.274	ug/l #	30
36) 1,1-Dichloropropene	7.979	75	39133	4.659	ug/l #	51
38) Carbon Tetrachloride	7.979	117	44537	5.361	ug/l #	17
51) 4-Methyl-2-Pentanone	10.332	43	5361	1.459	ug/l #	1
71) Bromoform	12.626	173	3665	1.257	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	178583	56.334	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	178583	138.513	ug/l #	7
95) Naphthalene	15.379	128	299	1.482	ug/l #	70

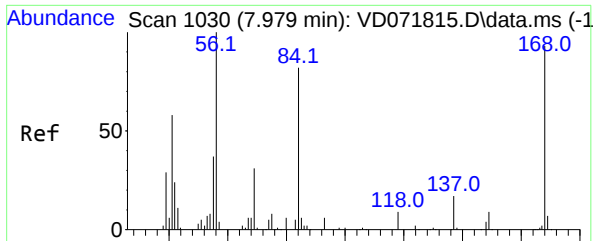
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
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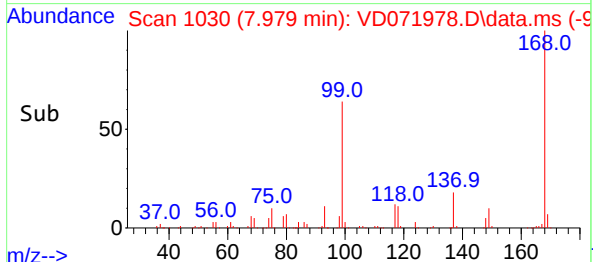
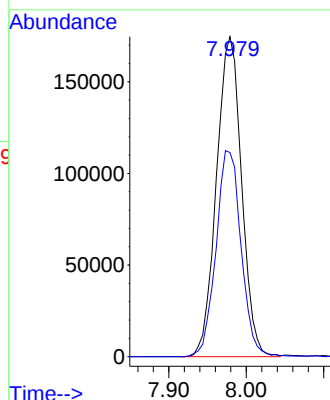
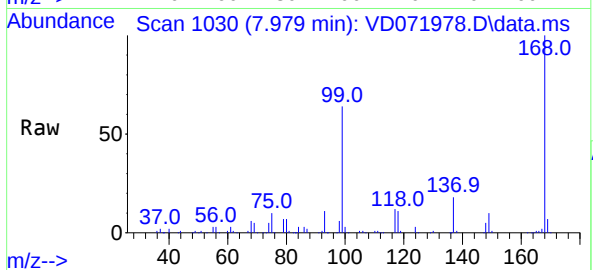




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

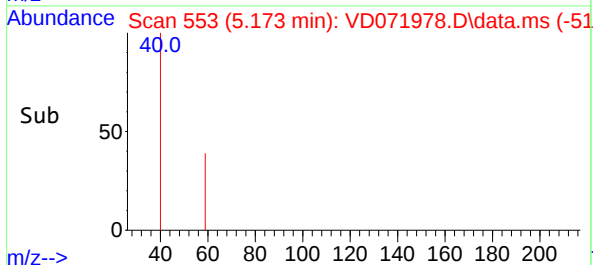
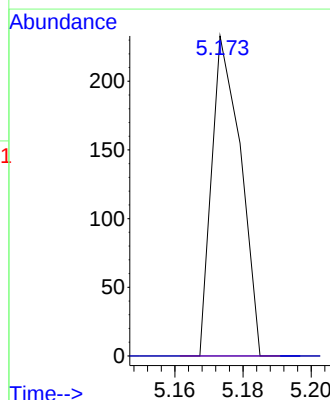
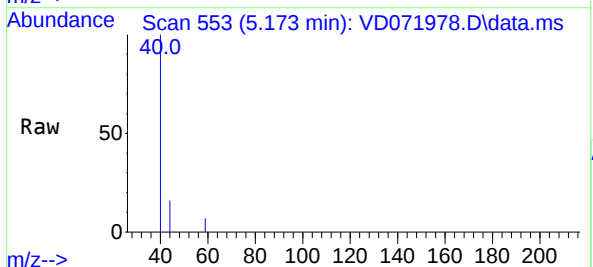
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 394114
Ion Ratio Lower Upper
168 100
99 63.8 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 553
Delta R.T. -0.047 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

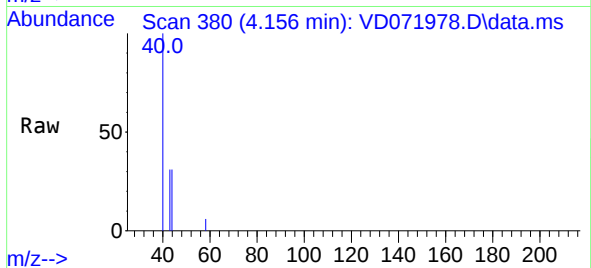
Tgt Ion: 59 Resp: 137
Ion Ratio Lower Upper
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57 0.0 7.8 11.6#



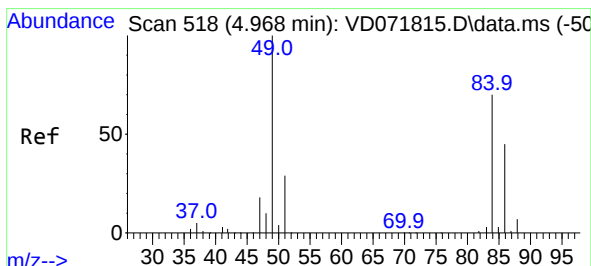
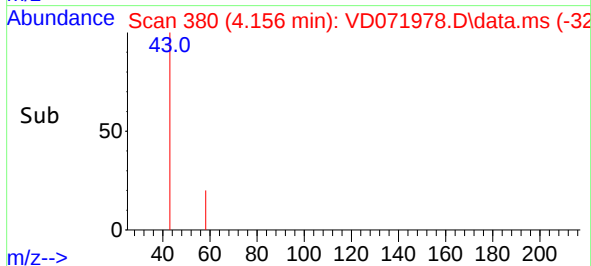
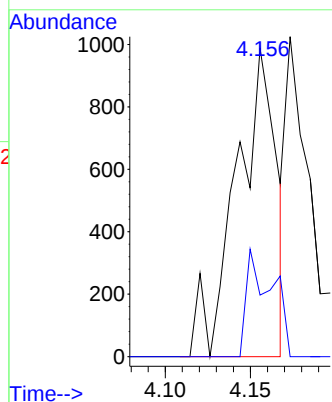


#16
Acetone
Concen: 1.180 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

Instrument :
MSVOA_D
ClientSampleId :

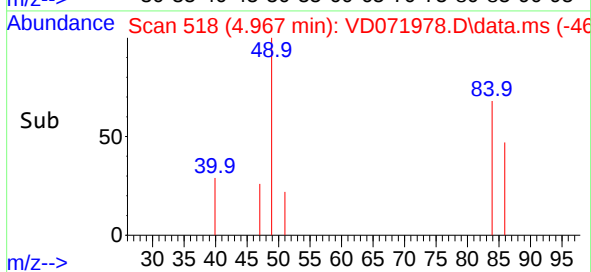
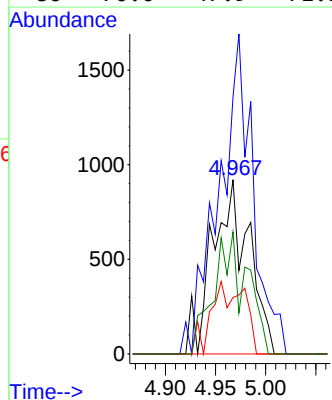
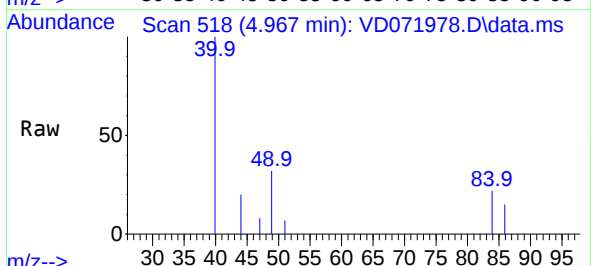


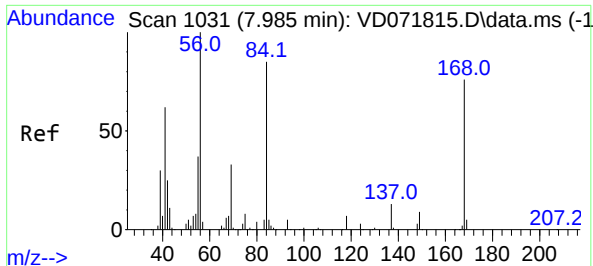
Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
58 19.9 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

Tgt Ion: 84 Resp: 2330
Ion Ratio Lower Upper
84 100
49 147.4 112.8 169.2
51 32.4 32.6 48.8#
86 70.0 47.9 71.9





#31

Cyclohexane

Concen: 1.274 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

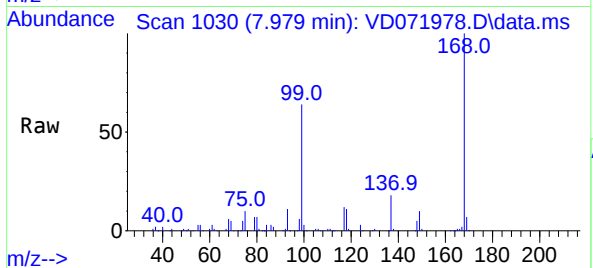
Lab File: VD071978.D

Acq: 15 Feb 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :



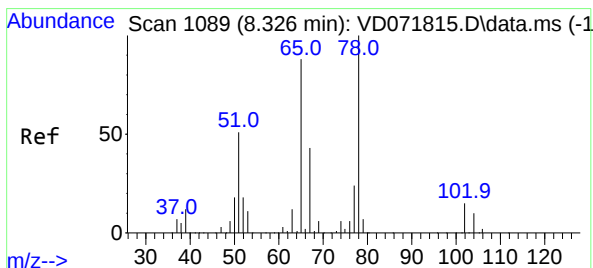
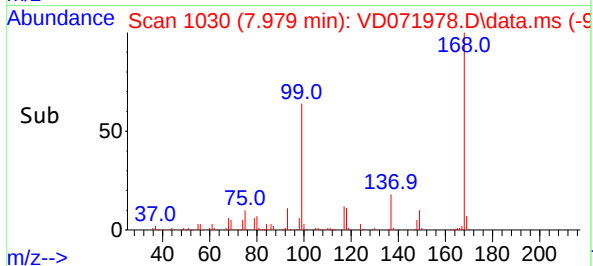
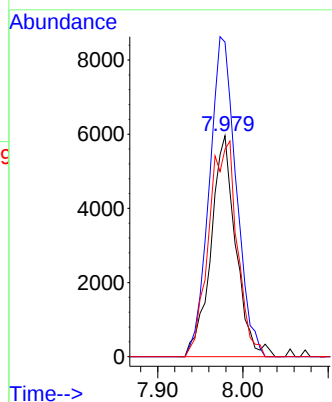
Tgt Ion: 56 Resp: 12120

Ion Ratio Lower Upper

56 100

69 142.3 25.4 38.2#

84 93.9 63.0 94.4



#33

1,2-Dichloroethane-d4

Concen: 53.819 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071978.D

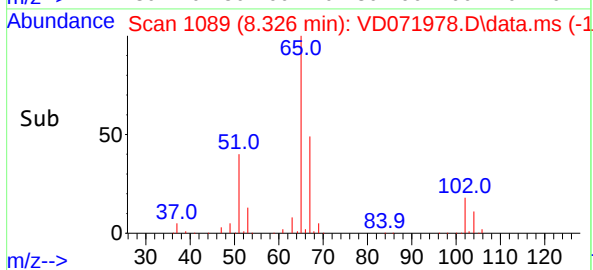
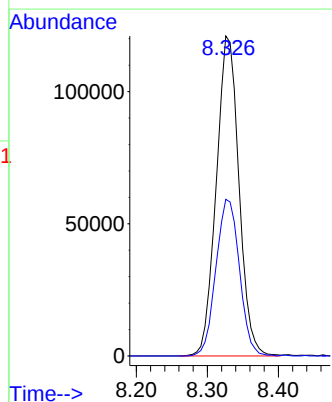
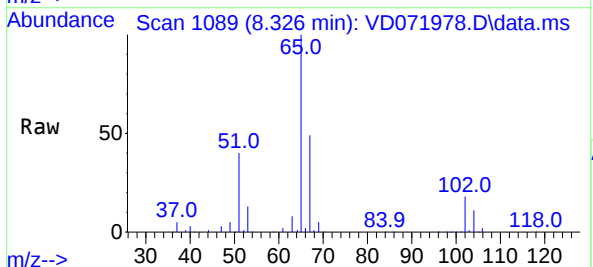
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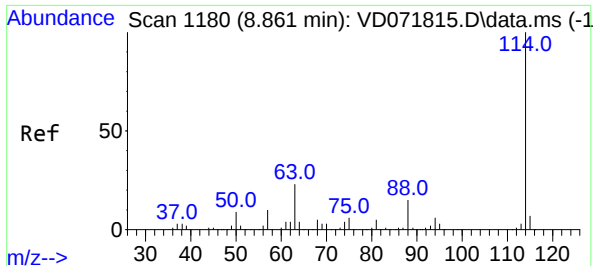
Tgt Ion: 65 Resp: 268092

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.4

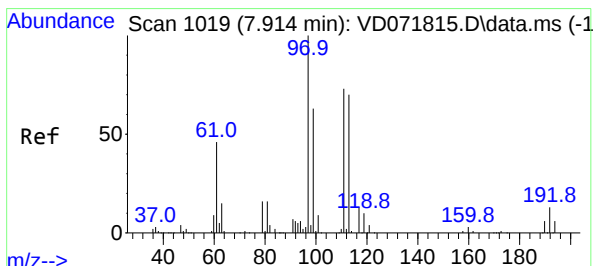
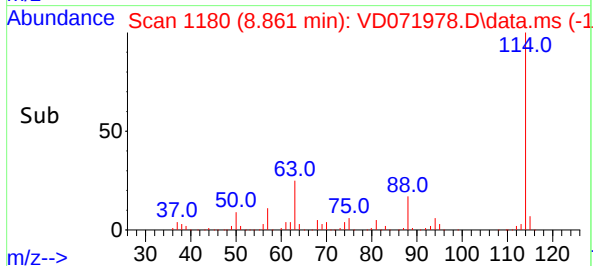
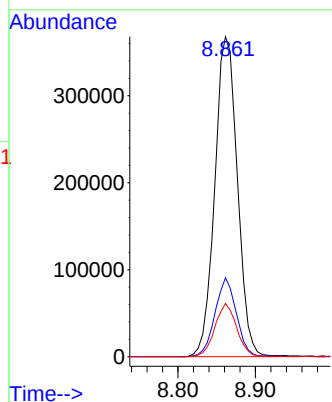
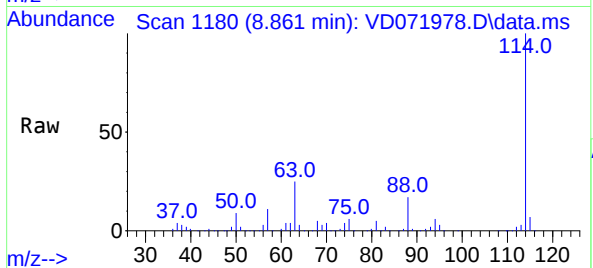




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

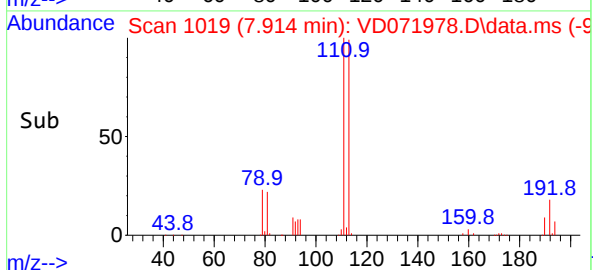
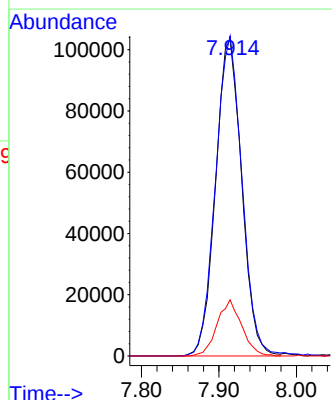
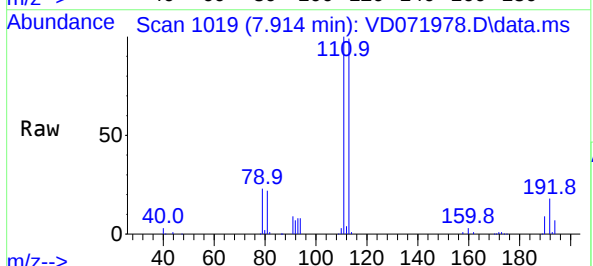
Instrument :
MSVOA_D
ClientSampleId :

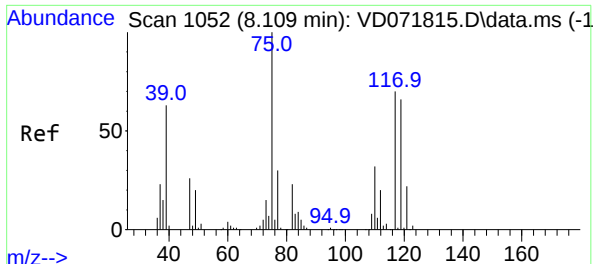
Tgt Ion:114 Resp: 744553
Ion Ratio Lower Upper
114 100
63 24.6 0.0 46.6
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.426 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

Tgt Ion:113 Resp: 241901
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 16.7 14.6 21.8

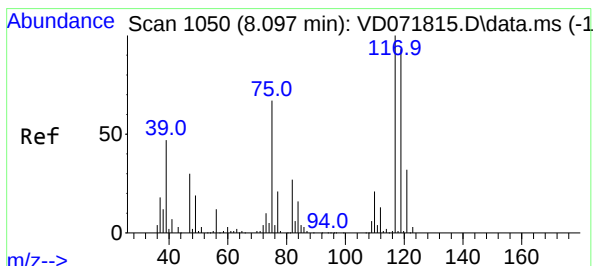
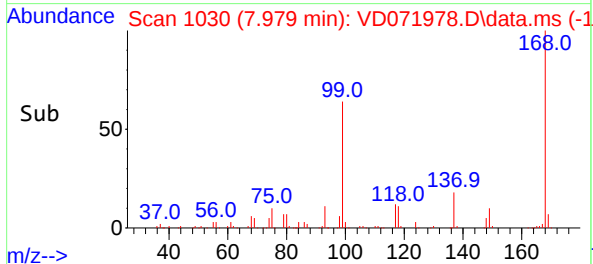
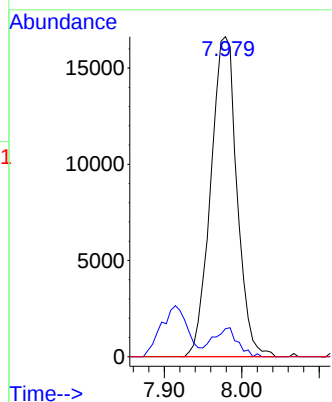
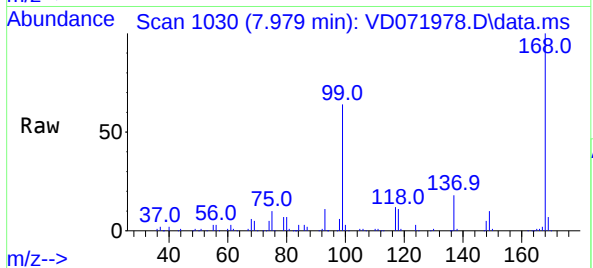




#36
1,1-Dichloropropene
Concen: 4.659 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

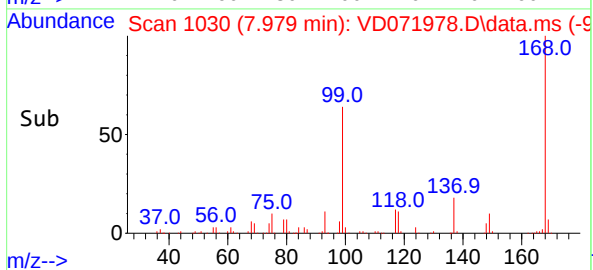
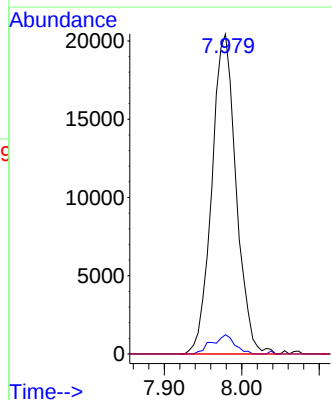
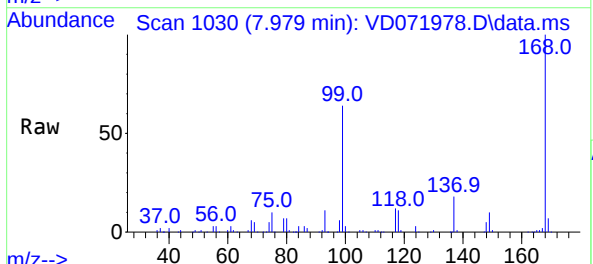
Instrument :
MSVOA_D
ClientSampleId :

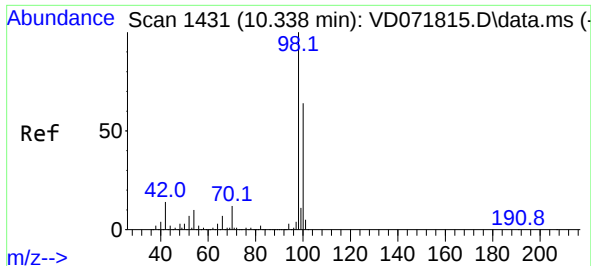
Tgt Ion: 75 Resp: 39133
Ion Ratio Lower Upper
75 100
110 8.3 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.361 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

Tgt Ion: 117 Resp: 44537
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.5 36.7#

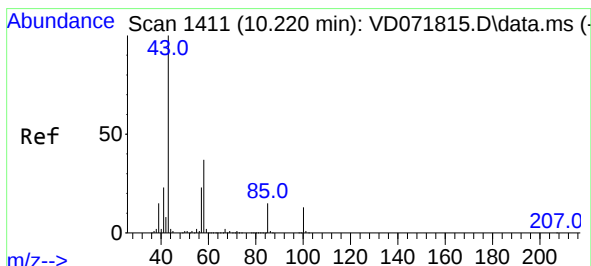
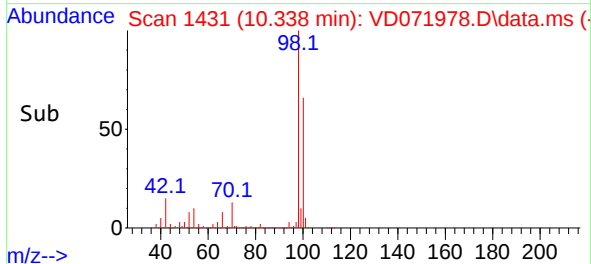
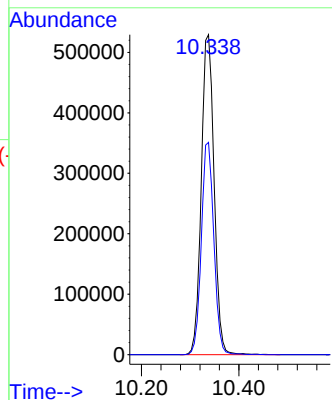
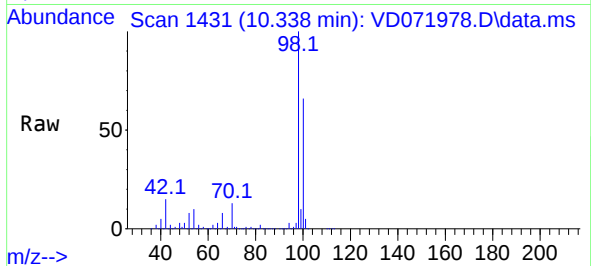




#50
Toluene-d8
Concen: 52.791 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

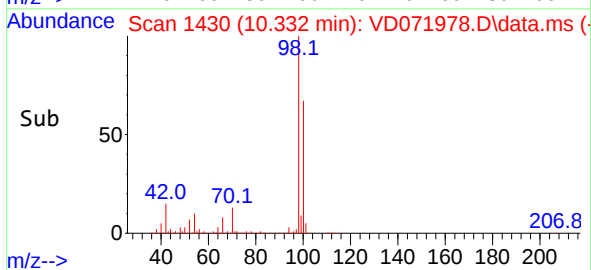
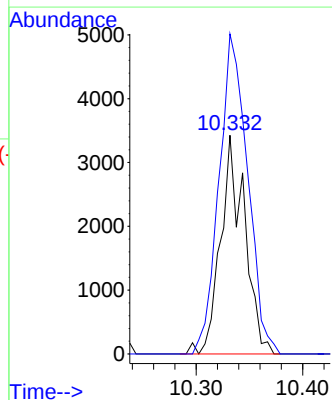
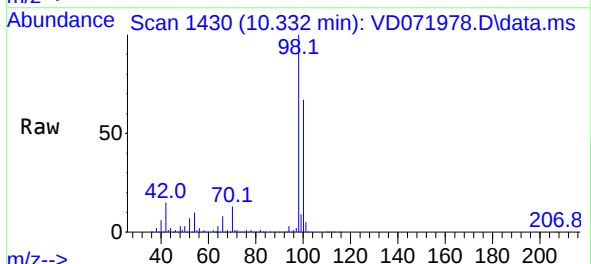
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ClientSampleId :

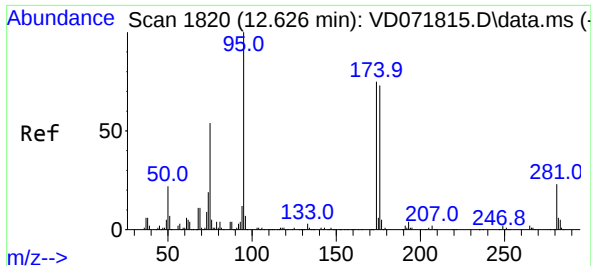
Tgt Ion: 98 Resp: 964915
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.459 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

Tgt Ion: 43 Resp: 5361
Ion Ratio Lower Upper
43 100
58 174.7 28.6 43.0#

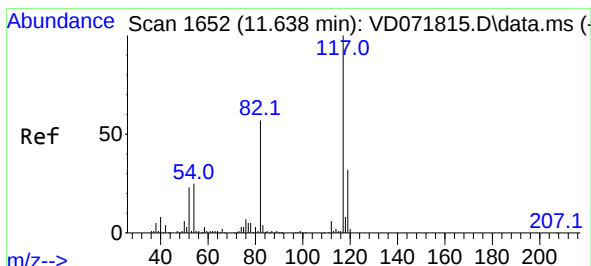
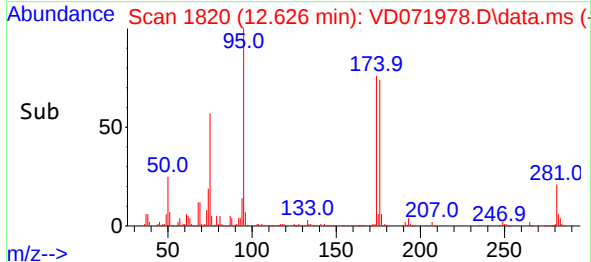
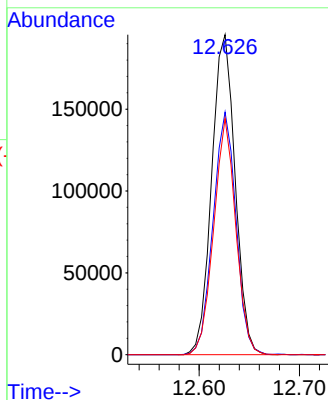
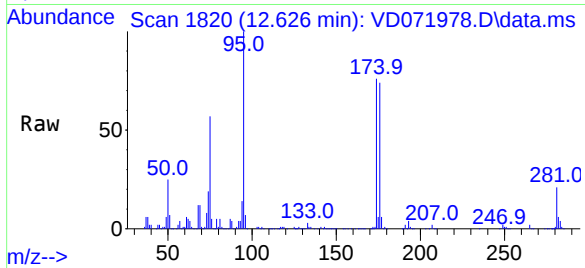




#62
4-Bromofluorobenzene
Concen: 49.627 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

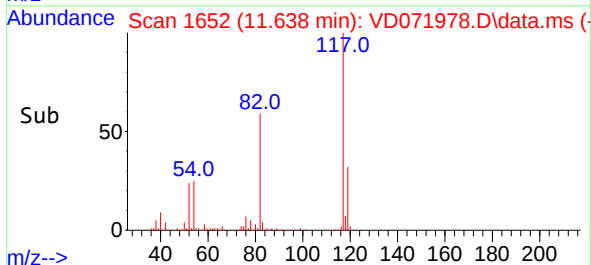
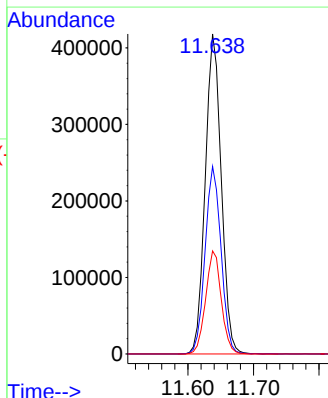
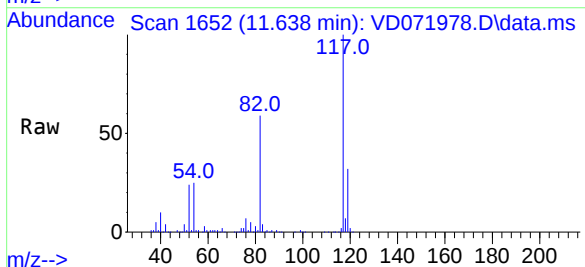
Instrument :
MSVOA_D
ClientSampleId :

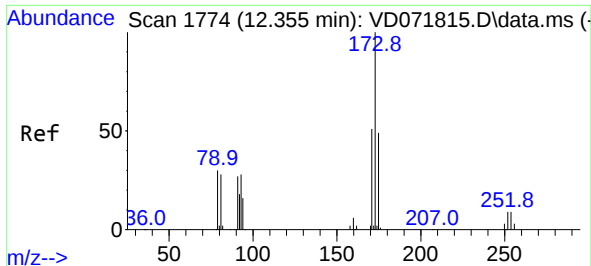
Tgt Ion: 95 Resp: 316767
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.8
176 69.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

Tgt Ion: 117 Resp: 709510
Ion Ratio Lower Upper
117 100
82 58.6 45.3 67.9
119 32.2 26.6 40.0

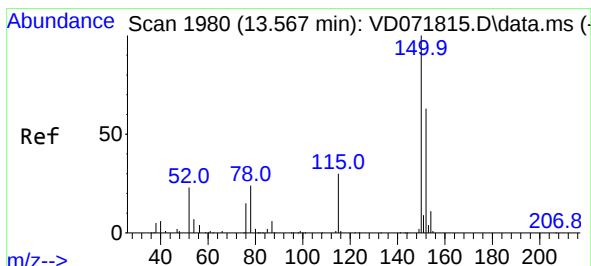
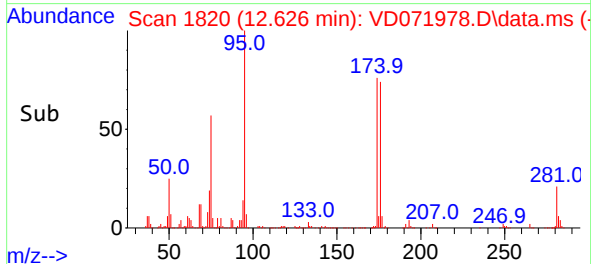
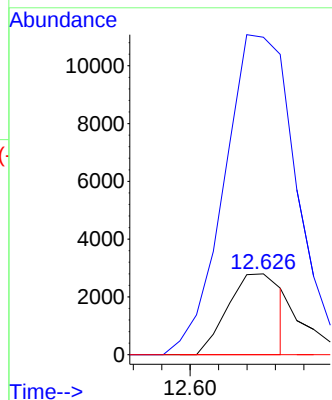
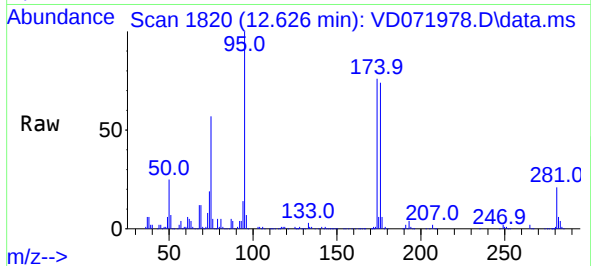




#71
Bromoform
Concen: 1.257 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.270 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

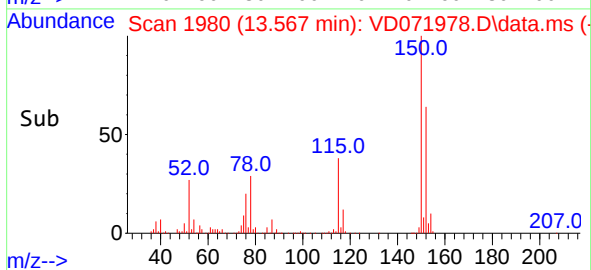
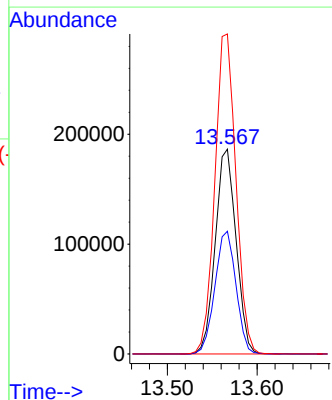
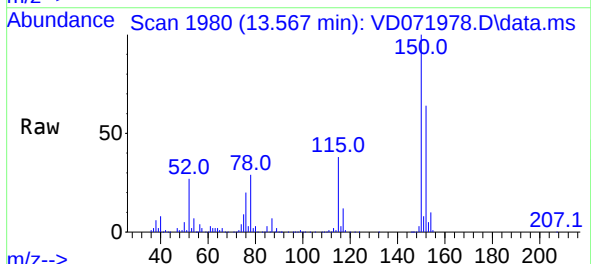
Instrument :
MSVOA_D
ClientSampleId :

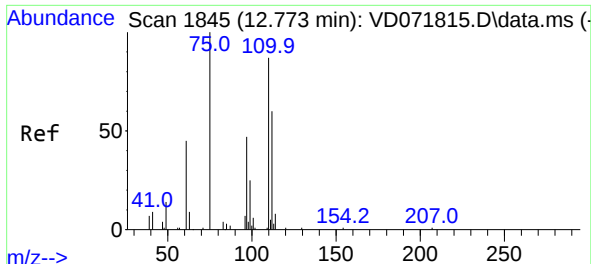
Tgt Ion:173 Resp: 3665
Ion Ratio Lower Upper
173 100
175 435.7 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

Tgt Ion:152 Resp: 300801
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 157.9 0.0 348.6

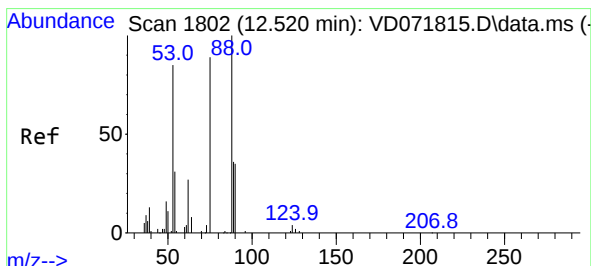
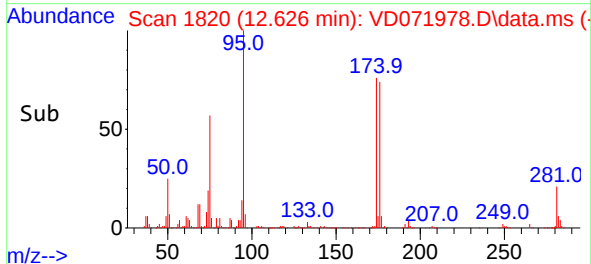
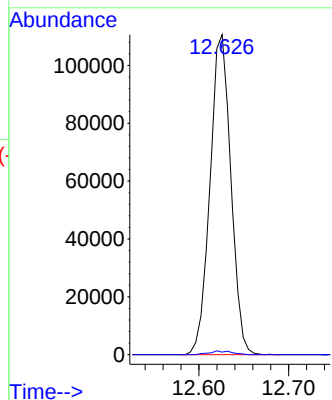
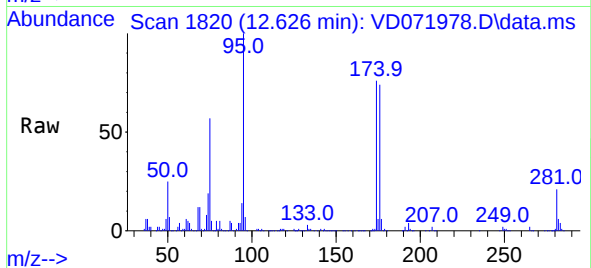




#76
1,2,3-Trichloropropane
Concen: 56.334 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

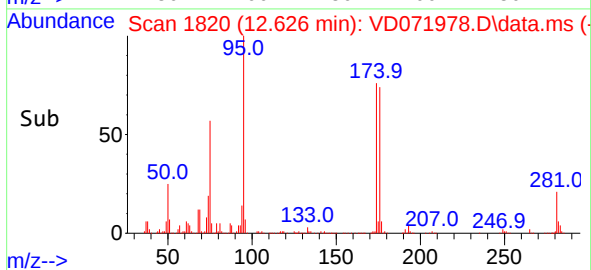
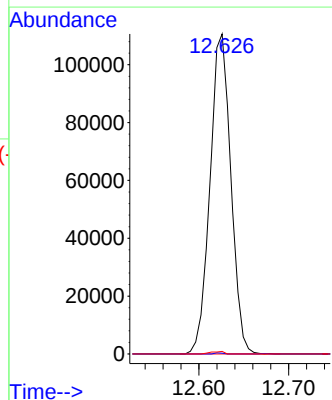
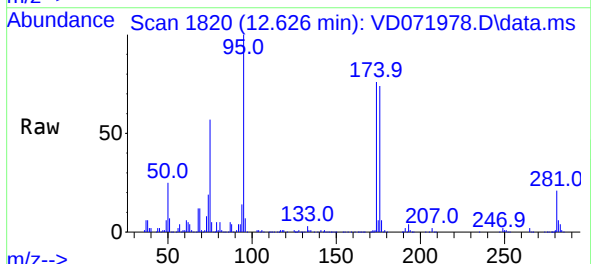
Instrument :
MSVOA_D
ClientSampleId :

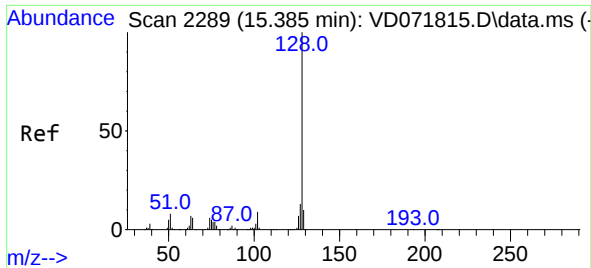
Tgt Ion: 75 Resp: 178583
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.513 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

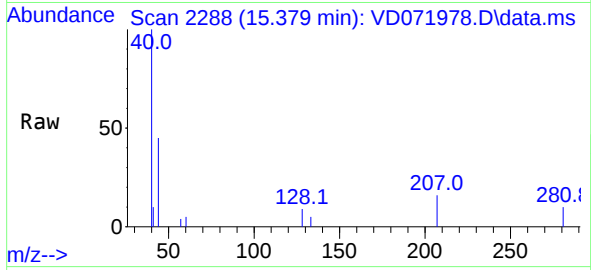
Tgt Ion: 75 Resp: 178583
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.5 33.9 50.9#





#95
Naphthalene
Concen: 1.482 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071978.D
Acq: 15 Feb 2022 14:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	299
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

