

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071953.D
 Acq On : 14 Feb 2022 13:26
 Operator : VA/SY
 Sample : N1525-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-021122

Quant Time: Feb 15 00:35:08 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)

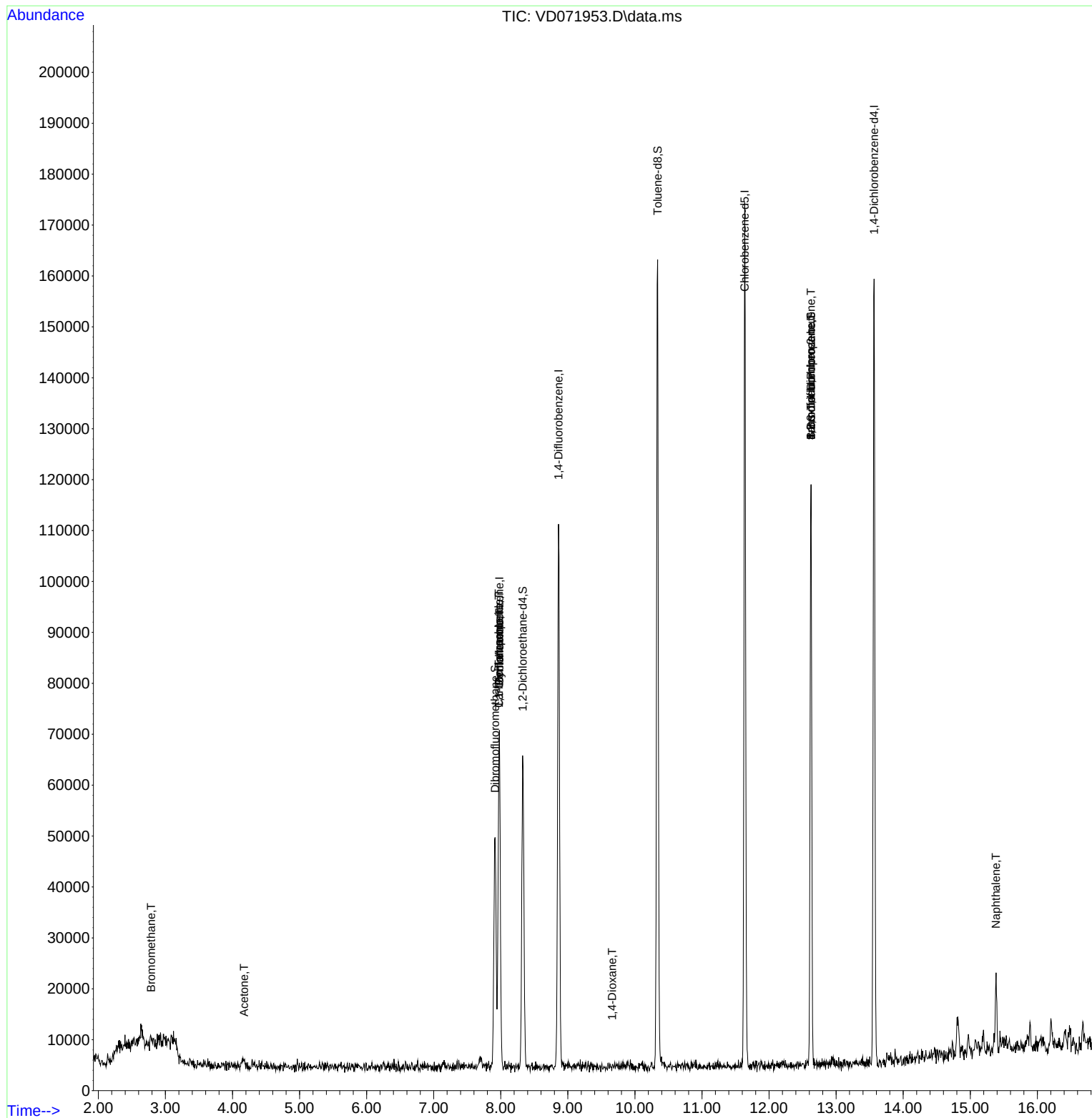
Internal Standards						
1) Pentafluorobenzene	7.979	168	44527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	82176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	87206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	40245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	48674	86.486	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 172.980%#			
35) Dibromofluoromethane	7.914	113	32957	61.013	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.020%			
50) Toluene-d8	10.338	98	106618	52.851	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.700%			
62) 4-Bromofluorobenzene	12.626	95	35108	49.835	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.680%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	833	1.908	ug/l #	59
16) Acetone	4.173	43	1398	9.074	ug/l #	85
20) Methylene Chloride	4.967	84	304	Below Cal	#	53
31) Cyclohexane	7.979	56	1356	1.262	ug/l #	46
36) 1,1-Dichloropropene	7.973	75	4593	4.954	ug/l #	50
38) Carbon Tetrachloride	7.973	117	5740	6.261	ug/l #	18
49) 1,4-Dioxane	9.661	88	62	16.077	ug/l #	21
71) Bromoform	12.626	173	692	1.931	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	19724	46.504	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	19724	114.343	ug/l #	7
95) Naphthalene	15.384	128	10376	8.660	ug/l	97

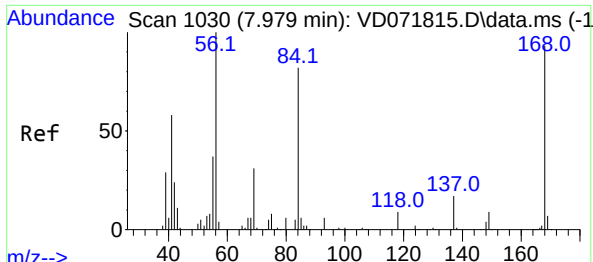
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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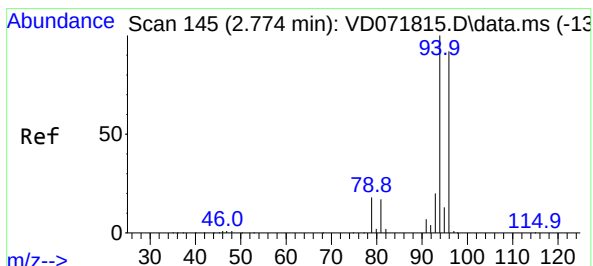
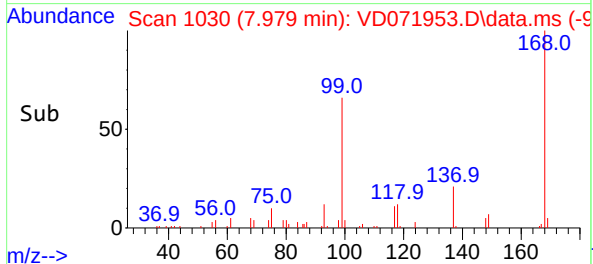
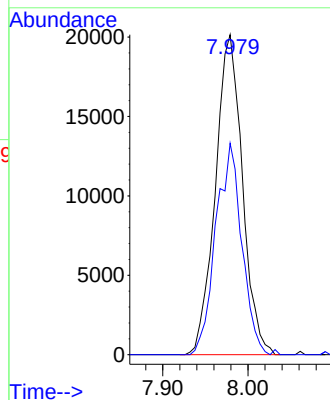
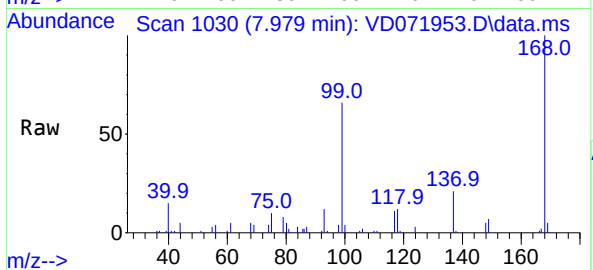




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD071953.D
Acq: 14 Feb 2022 13:26

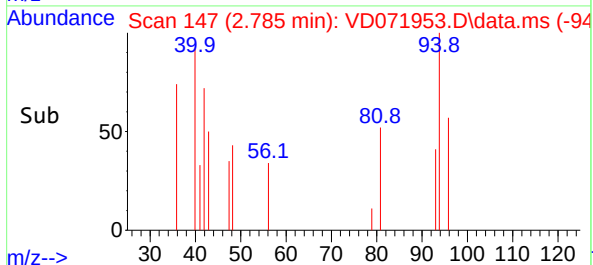
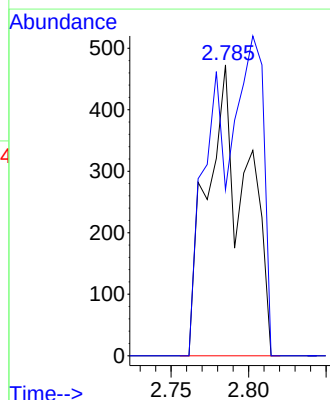
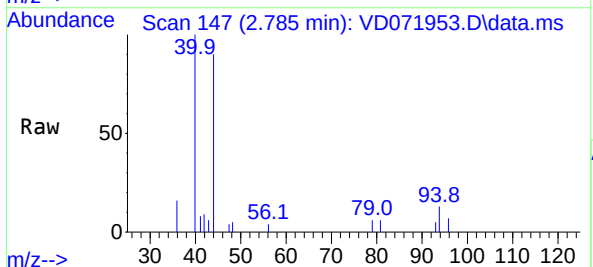
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122

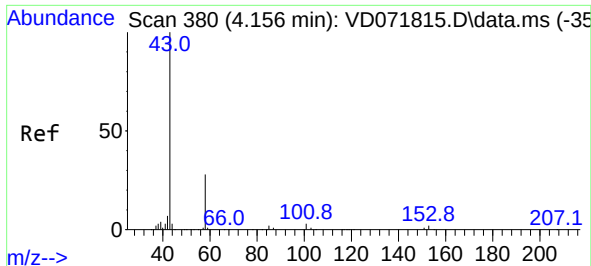
Tgt Ion:168 Resp: 44527
Ion Ratio Lower Upper
168 100
99 66.0 49.8 74.6



#5
Bromomethane
Concen: 1.908 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.012 min
Lab File: VD071953.D
Acq: 14 Feb 2022 13:26

Tgt Ion: 94 Resp: 833
Ion Ratio Lower Upper
94 100
96 57.1 77.6 116.4#

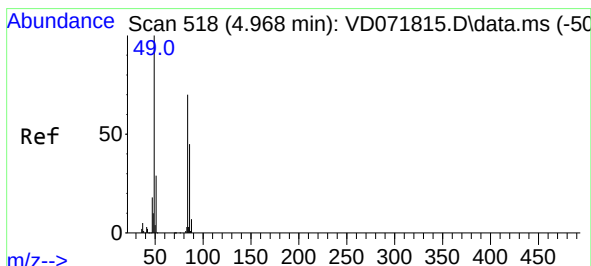
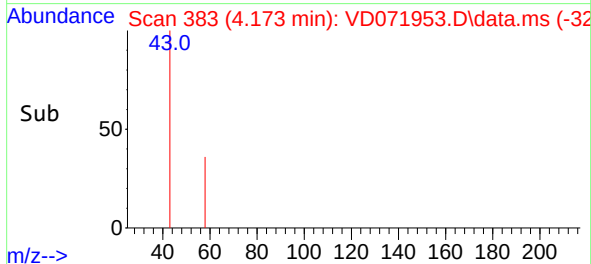
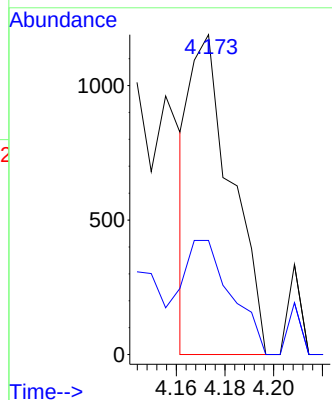
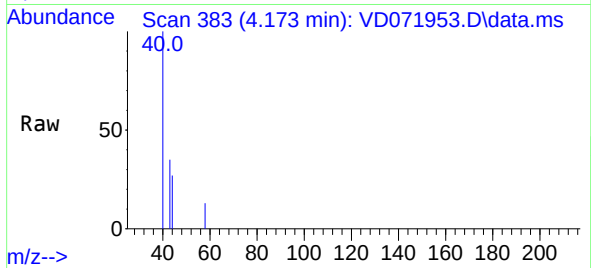




#16
Acetone
Concen: 9.074 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD071953.D
Acq: 14 Feb 2022 13:26

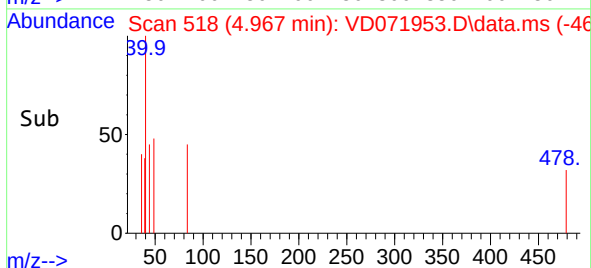
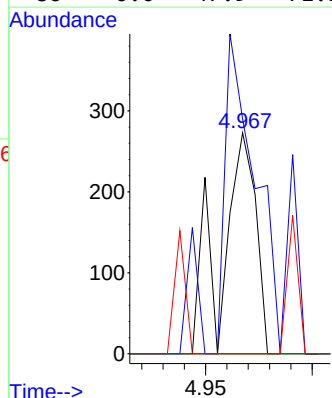
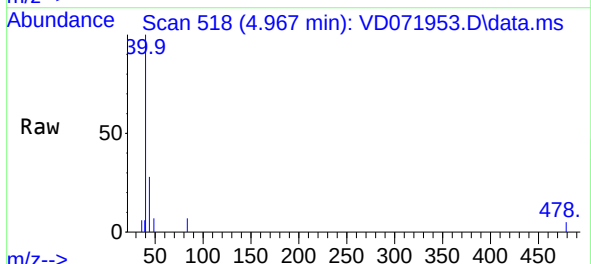
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122

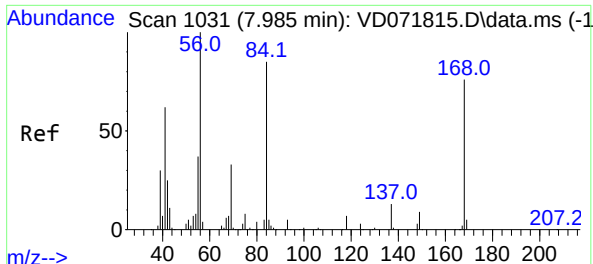
Tgt Ion: 43 Resp: 1398
Ion Ratio Lower Upper
43 100
58 35.7 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071953.D
Acq: 14 Feb 2022 13:26

Tgt Ion: 84 Resp: 304
Ion Ratio Lower Upper
84 100
49 106.2 112.8 169.2#
51 0.0 32.6 48.8#
86 0.0 47.9 71.9#





#31

Cyclohexane

Concen: 1.262 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD071953.D

Acq: 14 Feb 2022 13:26

Instrument :

MSVOA_D

ClientSampleId :

OR-02-021122

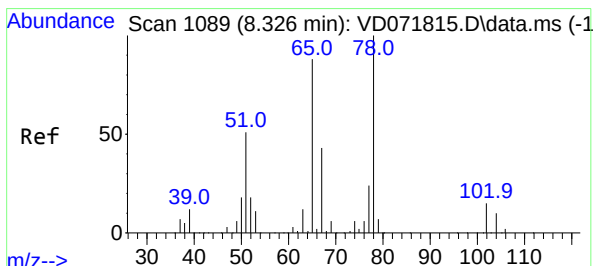
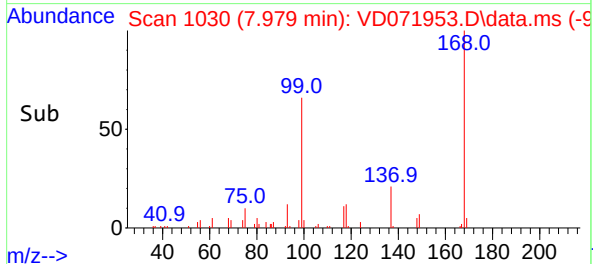
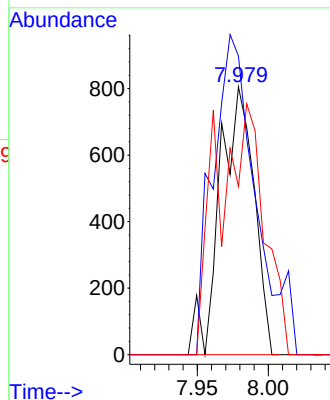
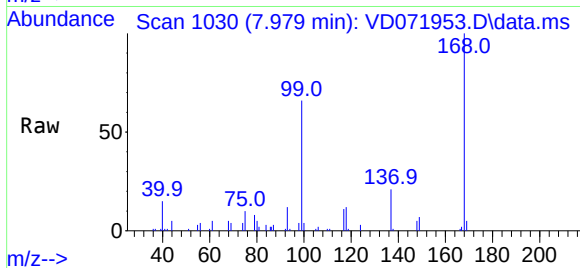
Tgt Ion: 56 Resp: 1356

Ion Ratio Lower Upper

56 100

69 111.6 25.4 38.2#

84 62.9 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 86.486 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071953.D

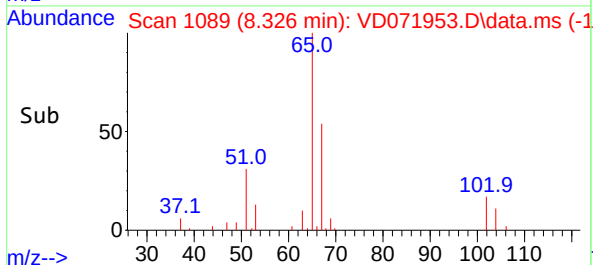
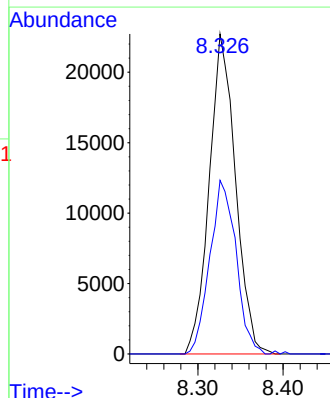
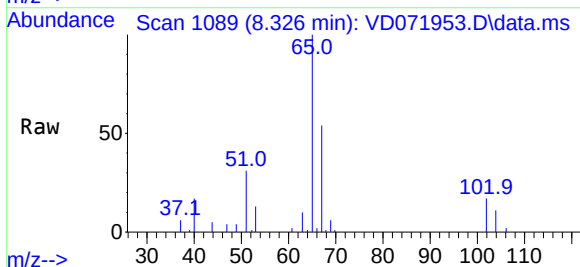
Acq: 14 Feb 2022 13:26

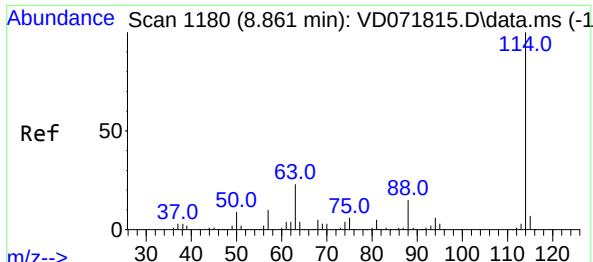
Tgt Ion: 65 Resp: 48674

Ion Ratio Lower Upper

65 100

67 54.1 0.0 101.4

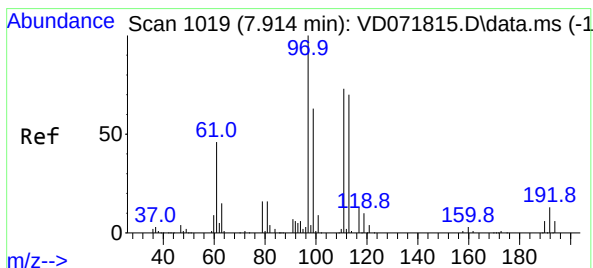
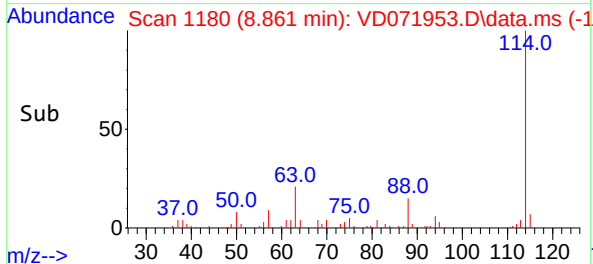
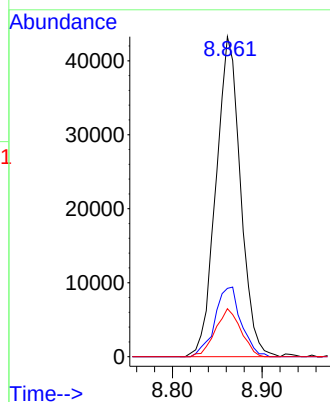
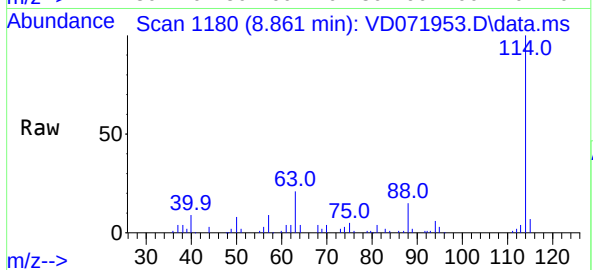




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071953.D
Acq: 14 Feb 2022 13:26

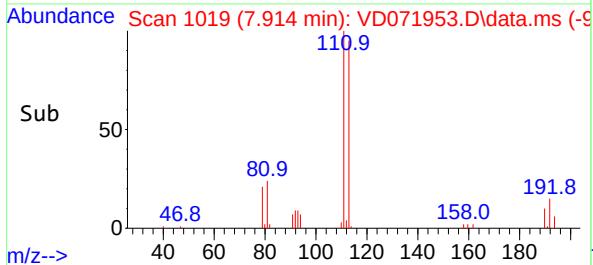
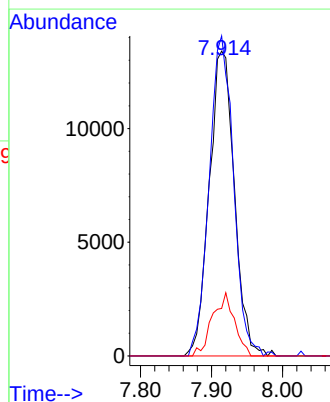
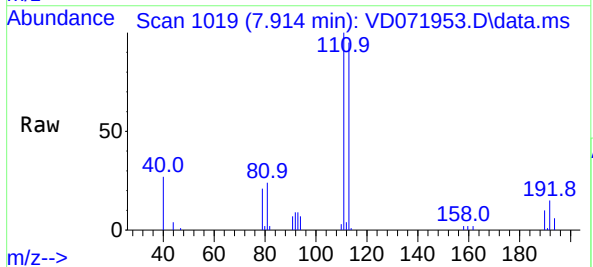
Instrument :
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ClientSampleId :
OR-02-021122

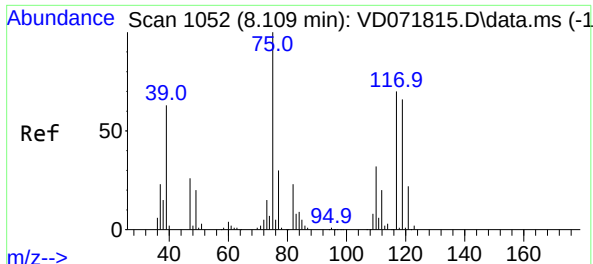
Tgt Ion:	114	Resp:	82176
Ion Ratio	Lower	Upper	
114	100		
63	21.4	0.0	46.6
88	15.0	0.0	33.2



#35
Dibromofluoromethane
Concen: 61.013 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071953.D
Acq: 14 Feb 2022 13:26

Tgt Ion:	113	Resp:	32957
Ion Ratio	Lower	Upper	
113	100		
111	101.6	83.8	125.6
192	18.0	14.6	21.8





#36

1,1-Dichloropropene

Concen: 4.954 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071953.D

Acq: 14 Feb 2022 13:26

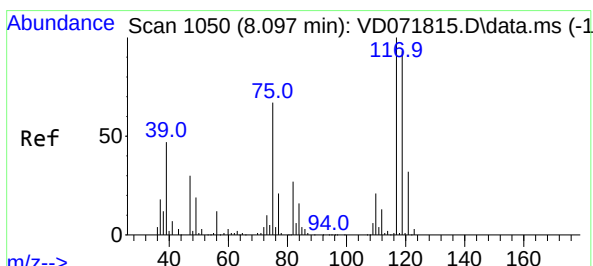
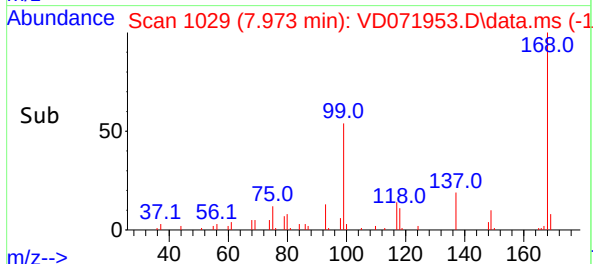
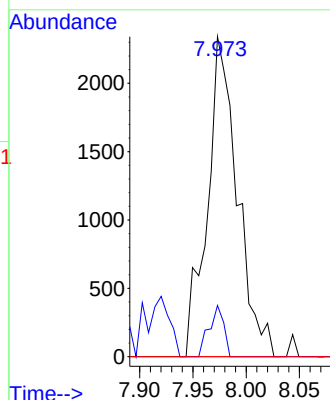
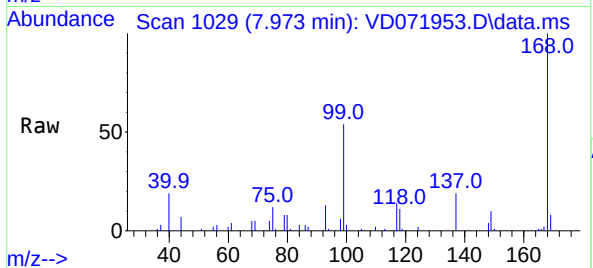
Instrument :

MSVOA_D

ClientSampleId :

OR-02-021122

Tgt Ion:	75	Resp:	4593
Ion	Ratio	Lower	Upper
75	100		
110	7.9	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 6.261 ug/l

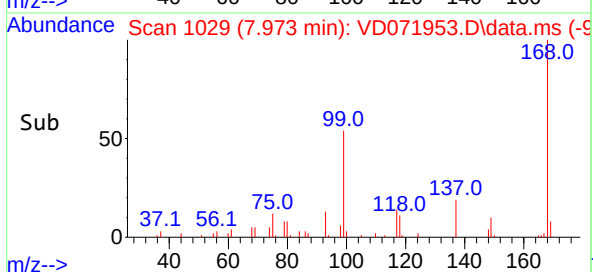
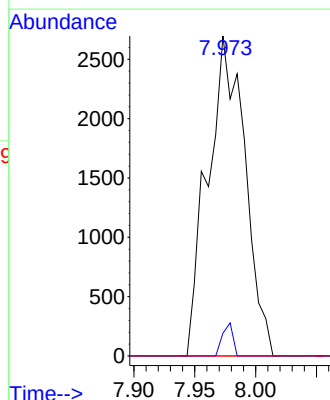
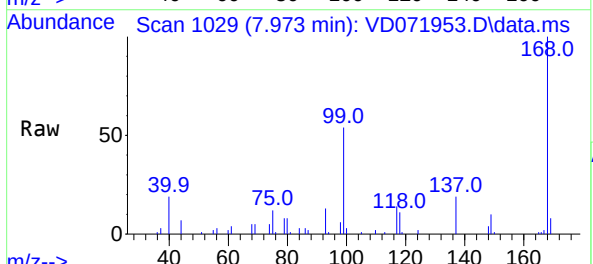
RT: 7.973 min Scan# 1029

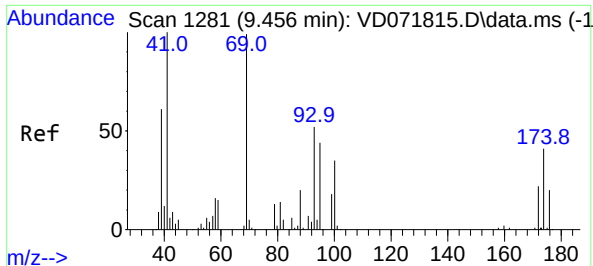
Delta R.T. -0.124 min

Lab File: VD071953.D

Acq: 14 Feb 2022 13:26

Tgt Ion:	117	Resp:	5740
Ion	Ratio	Lower	Upper
117	100		
119	7.1	75.8	113.6#
121	0.0	24.5	36.7#

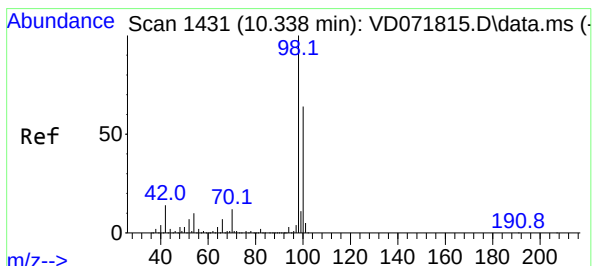
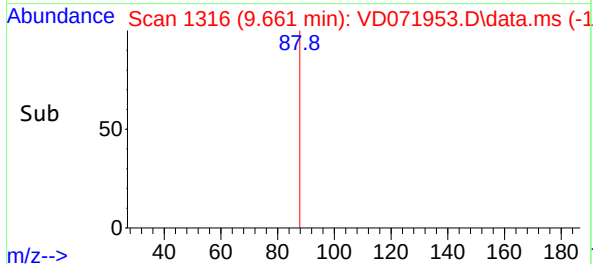
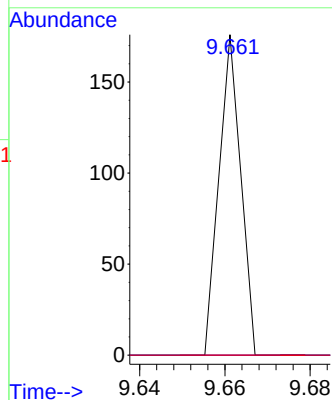
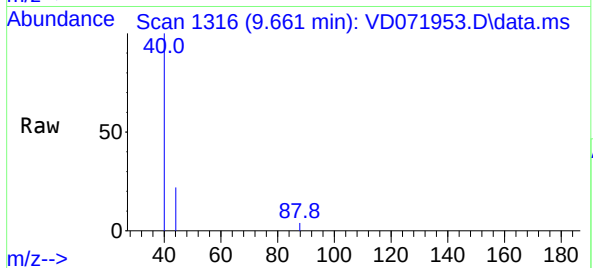




#49
1,4-Dioxane
Concen: 16.077 ug/l
RT: 9.661 min Scan# 11
Delta R.T. 0.200 min
Lab File: VD071953.D
Acq: 14 Feb 2022 13:26

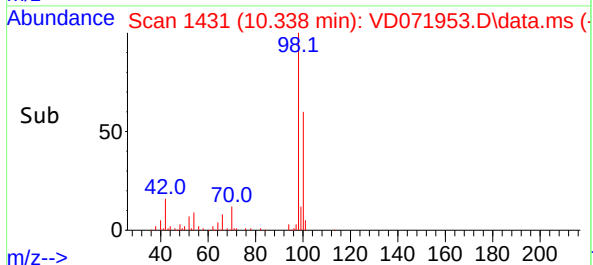
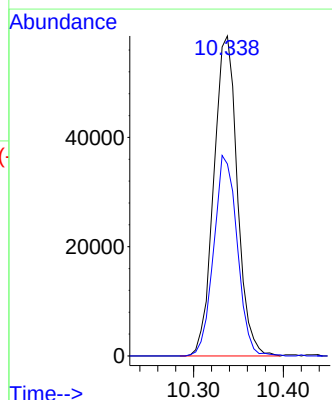
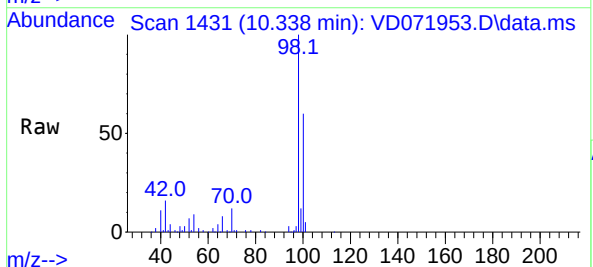
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122

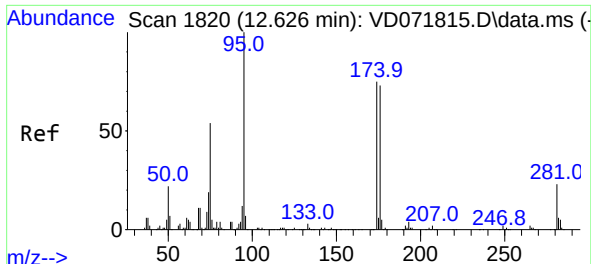
Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 52.851 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071953.D
Acq: 14 Feb 2022 13:26

Tgt Ion: 98 Resp: 106618
Ion Ratio Lower Upper
98 100
100 62.6 52.4 78.6

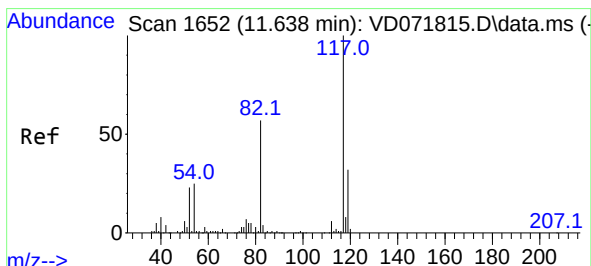
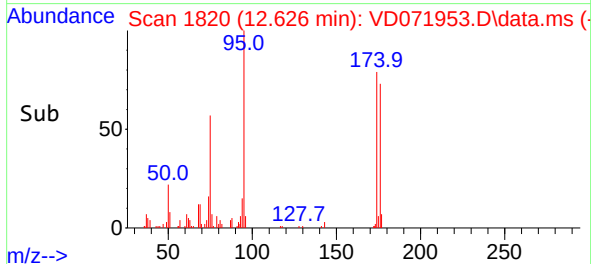
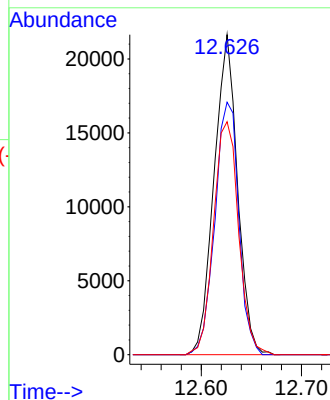
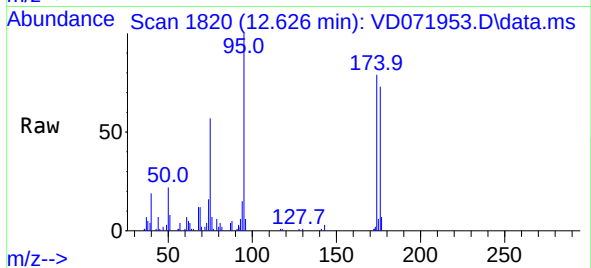




#62
4-Bromofluorobenzene
Concen: 49.835 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071953.D
Acq: 14 Feb 2022 13:26

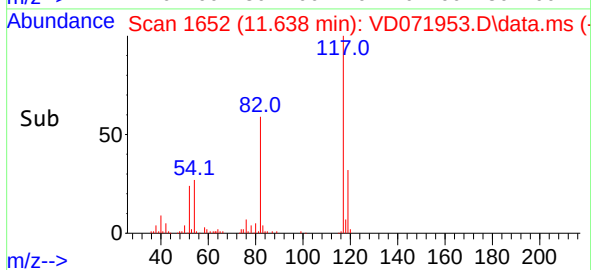
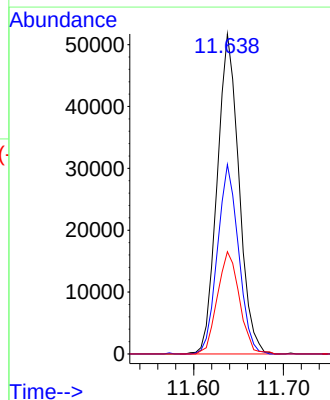
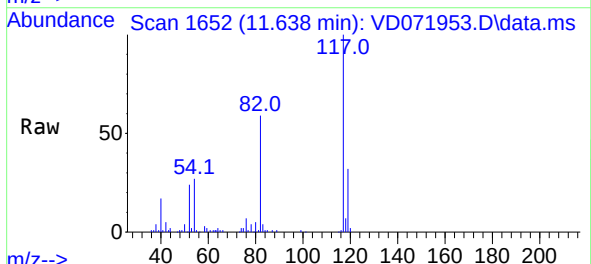
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122

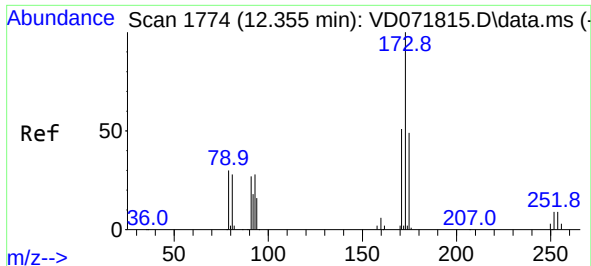
Tgt Ion:	95	Resp:	35108
Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	152.8
176	77.8	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071953.D
Acq: 14 Feb 2022 13:26

Tgt Ion:	117	Resp:	87206
Ion	Ratio	Lower	Upper
117	100		
82	59.2	45.3	67.9
119	32.0	26.6	40.0

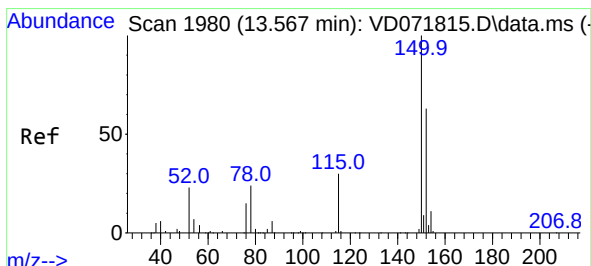
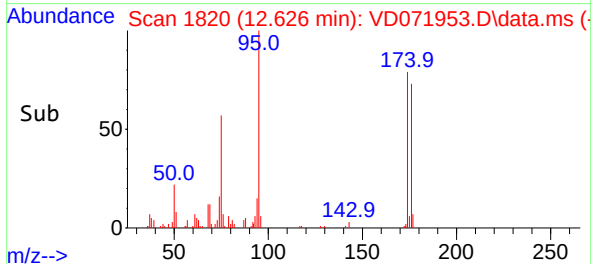
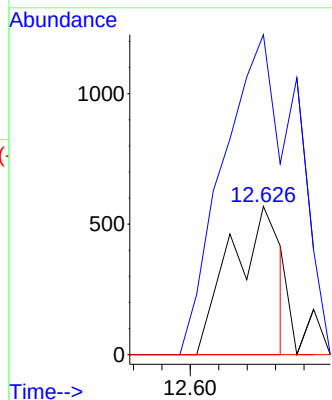
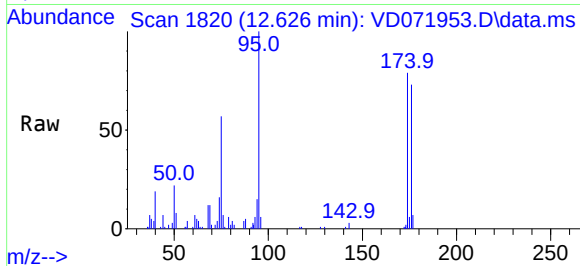




#71
Bromoform
Concen: 1.931 ug/l
RT: 12.626 min Scan# 1774
Delta R.T. 0.270 min
Lab File: VD071953.D
Acq: 14 Feb 2022 13:26

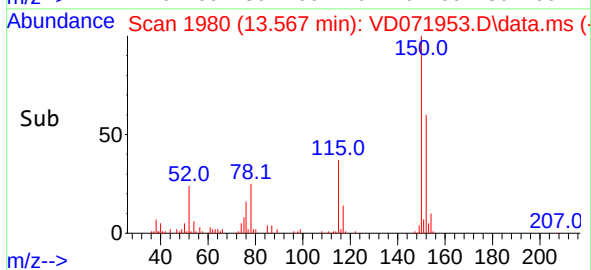
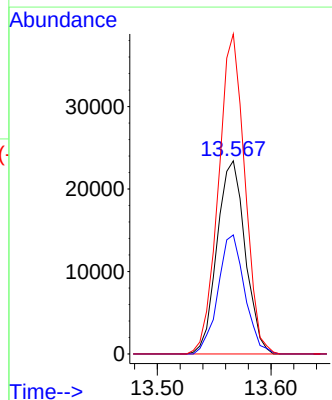
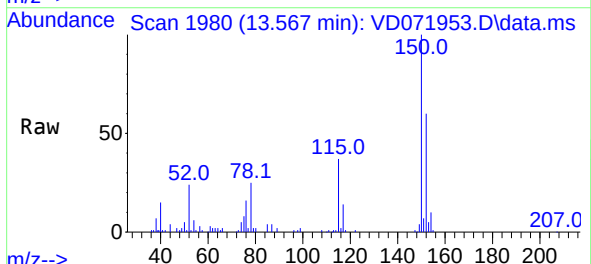
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122

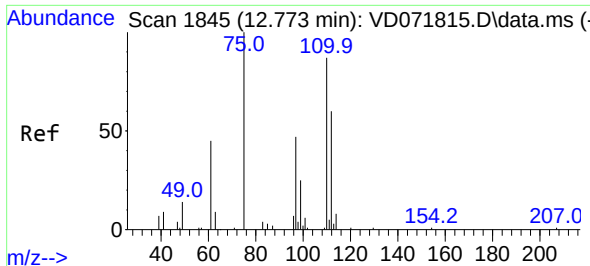
Tgt Ion:173 Resp: 692
Ion Ratio Lower Upper
173 100
175 240.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071953.D
Acq: 14 Feb 2022 13:26

Tgt Ion:152 Resp: 40245
Ion Ratio Lower Upper
152 100
115 58.7 31.3 93.8
150 155.2 0.0 348.6

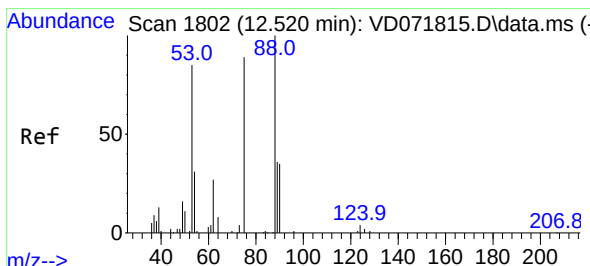
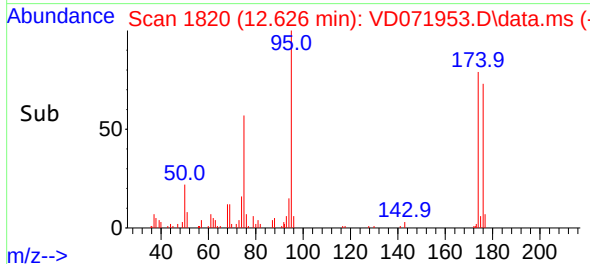
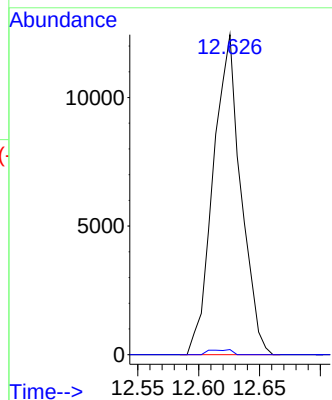
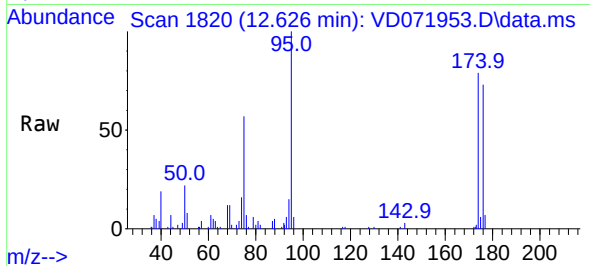




#76
1,2,3-Trichloropropane
Concen: 46.504 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071953.D
Acq: 14 Feb 2022 13:26

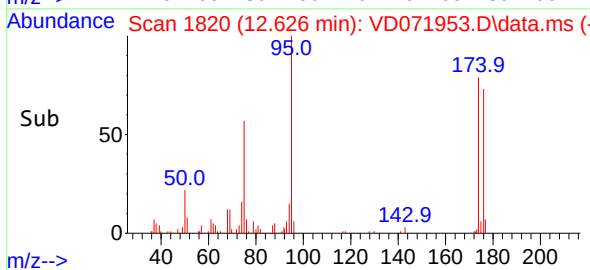
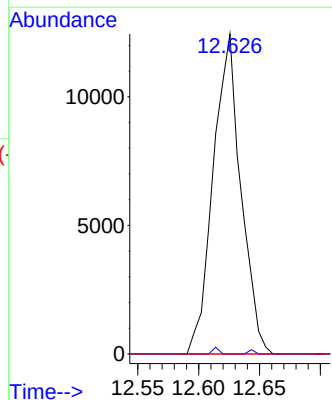
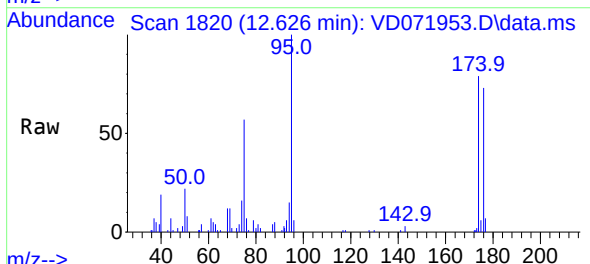
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122

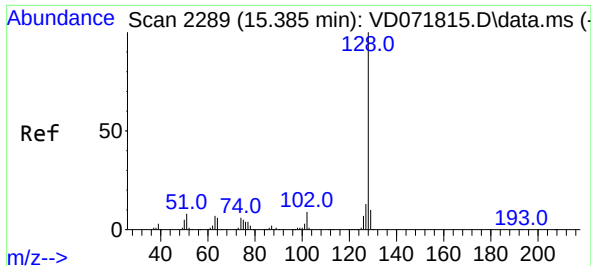
Tgt Ion: 75 Resp: 19724
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.343 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071953.D
Acq: 14 Feb 2022 13:26

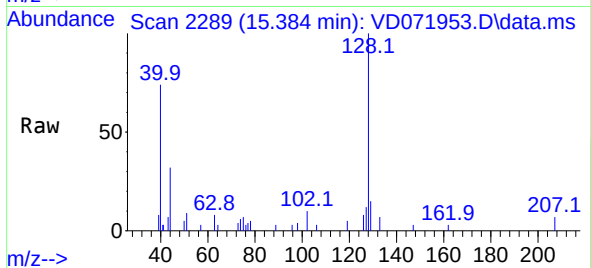
Tgt Ion: 75 Resp: 19724
Ion Ratio Lower Upper
75 100
53 0.5 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 8.660 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071953.D
Acq: 14 Feb 2022 13:26

Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122



Tgt Ion:128 Resp: 10376
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 12.3 8.4 12.6

