

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073306.D
 Acq On : 24 May 2022 03:24
 Operator : VA/SY
 Sample : N2949-08
 Misc : 6.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-1218-01

Quant Time: May 24 08:16:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

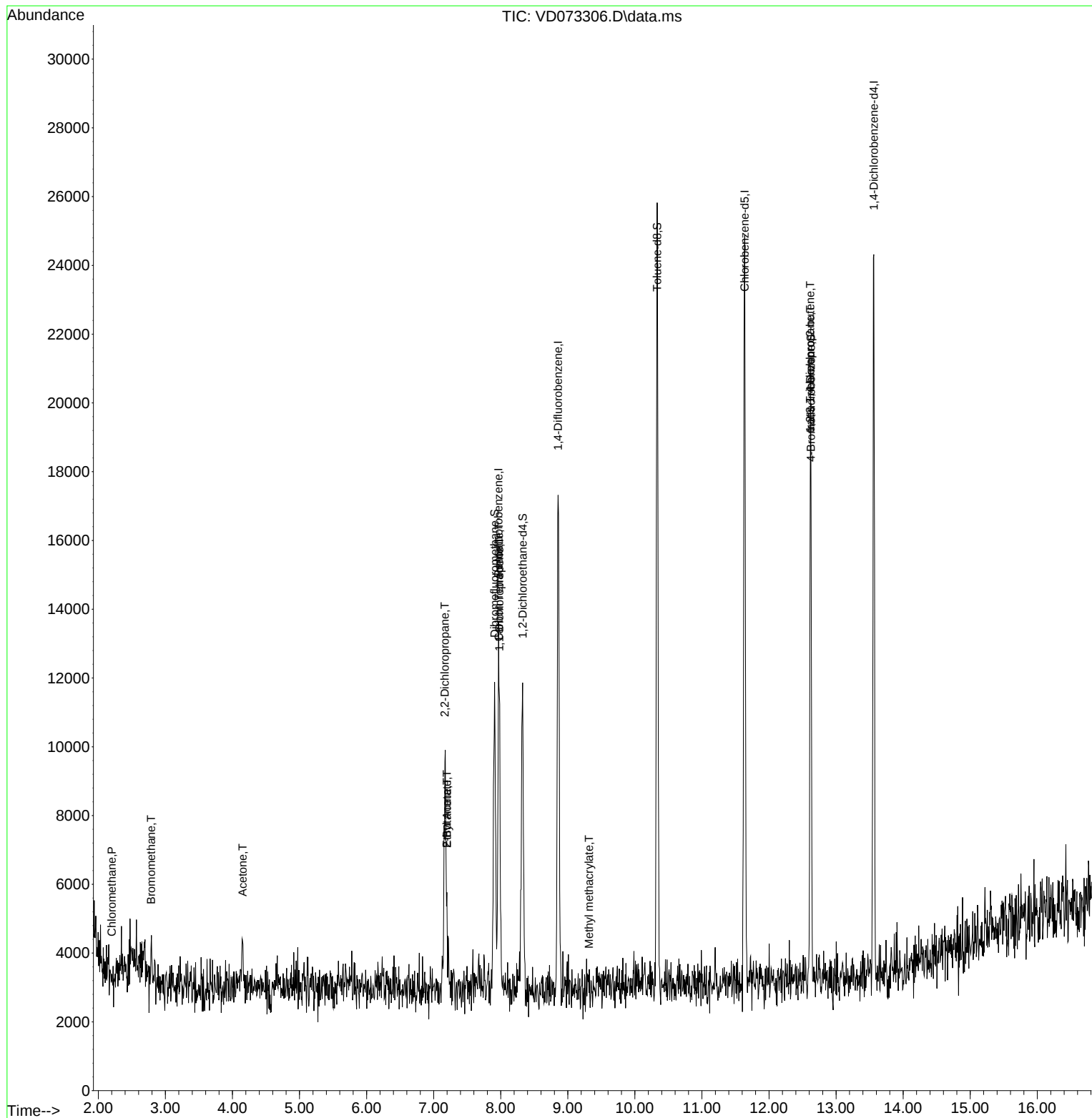
Internal Standards						
1) Pentafluorobenzene	7.967	168	9010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	12757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	13777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	5828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	6583	66.112	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.220%	
35) Dibromofluoromethane	7.909	113	6135	72.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 145.760%	
50) Toluene-d8	10.332	98	15755	50.773	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	12.626	95	6151	56.484	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.960%	
Target Compounds						Qvalue
3) Chloromethane	2.203	50	292	2.868	ug/l #	40
5) Bromomethane	2.785	94	484	4.432	ug/l #	71
16) Acetone	4.150	43	1420	82.333	ug/l #	69
20) Methylene Chloride	4.950	84	101	Below Cal	#	2
25) 2-Butanone	7.197	43	66	2.616	ug/l #	52
26) 2,2-Dichloropropane	7.167	77	318	1.896	ug/l #	54
36) 1,1-Dichloropropene	7.979	75	369	2.915	ug/l #	43
37) Ethyl Acetate	7.197	43	66	1.320	ug/l #	72
38) Carbon Tetrachloride	7.973	117	647	5.041	ug/l #	13
48) Methyl methacrylate	9.314	41	56	1.204	ug/l #	19
76) 1,2,3-Trichloropropane	12.614	75	2965	51.851	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	2965	124.479	ug/l #	7

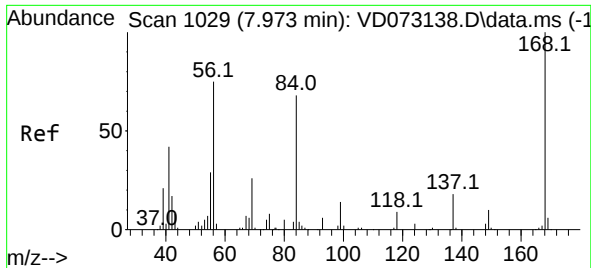
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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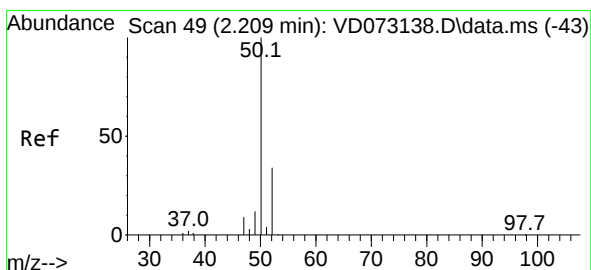
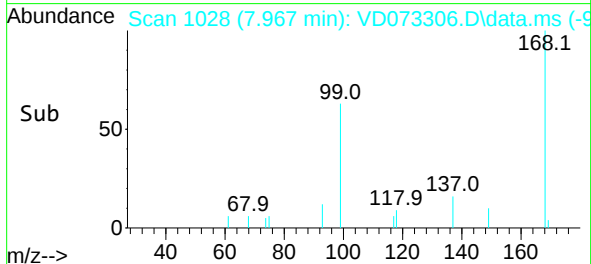
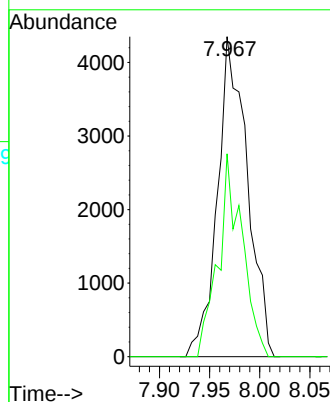
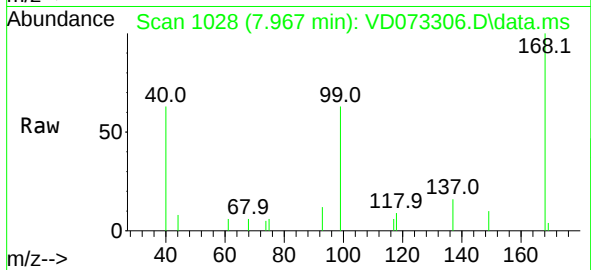




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

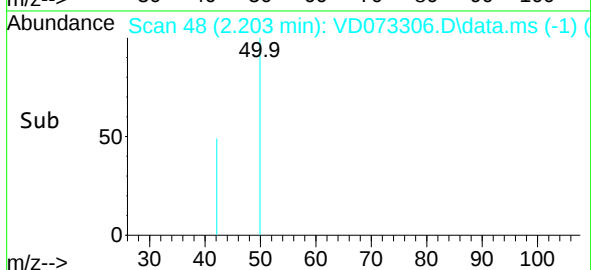
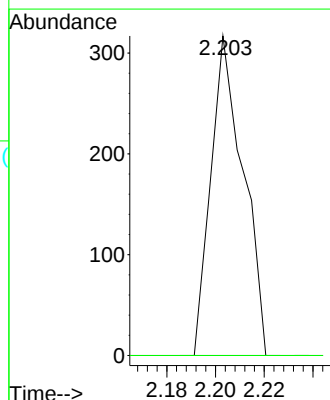
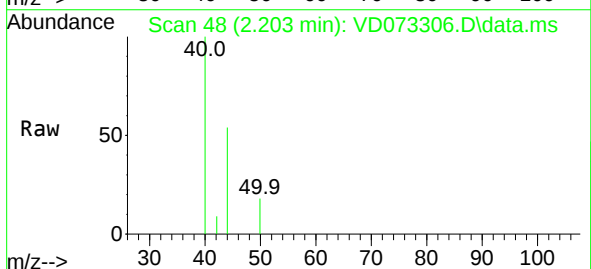
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-1218-01

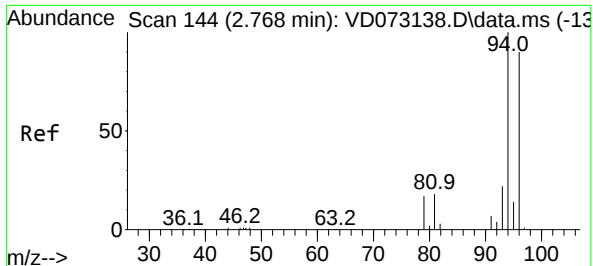
Tgt Ion:168 Resp: 9010
Ion Ratio Lower Upper
168 100
99 63.4 49.8 74.6



#3
Chloromethane
Concen: 2.868 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

Tgt Ion: 50 Resp: 292
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

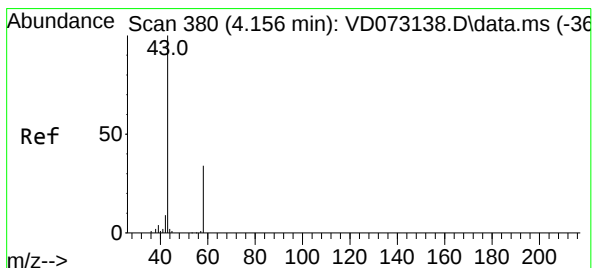
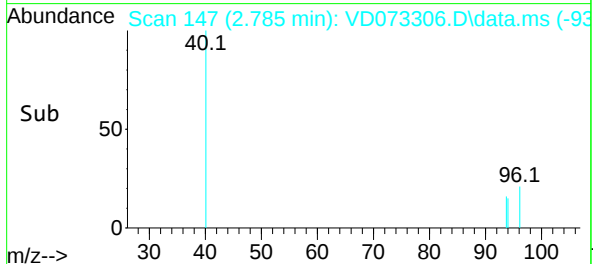
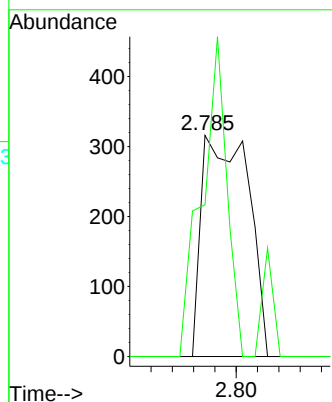
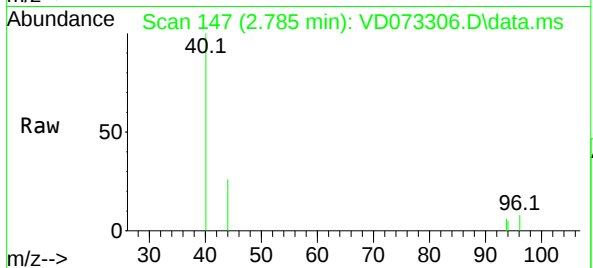




#5
Bromomethane
Concen: 4.432 ug/l
RT: 2.785 min Scan# 14
Delta R.T. 0.017 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

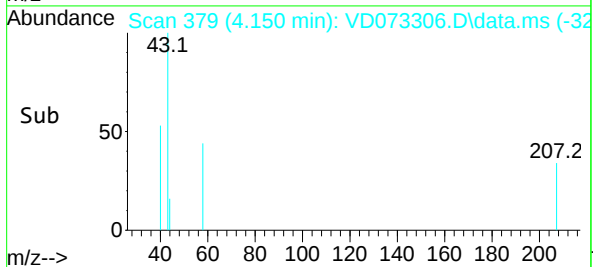
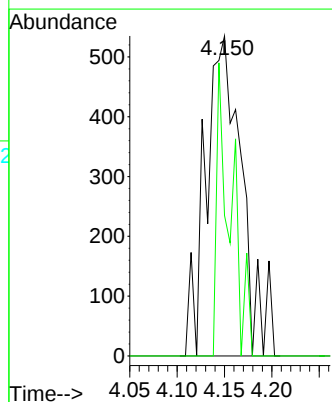
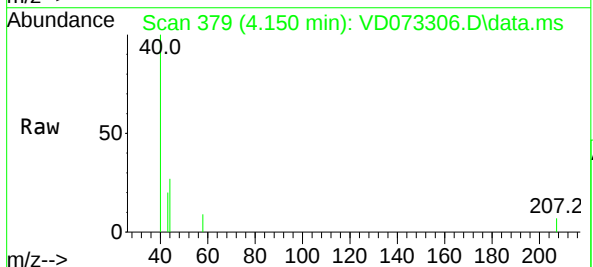
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-1218-01

Tgt Ion: 94 Resp: 484
Ion Ratio Lower Upper
94 100
96 68.7 77.6 116.4#



#16
Acetone
Concen: 82.333 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
58 43.9 22.1 33.1#

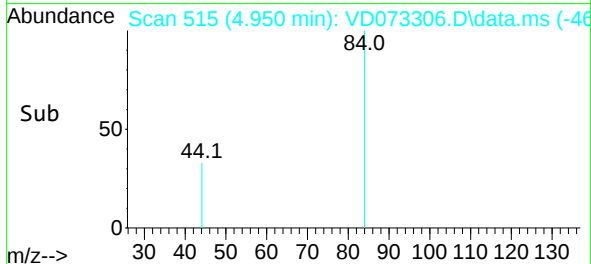
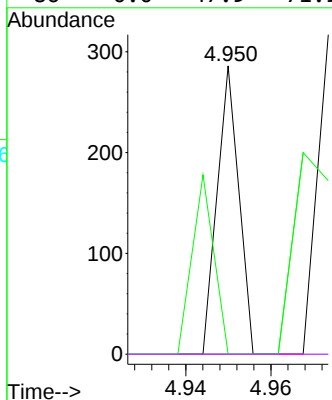
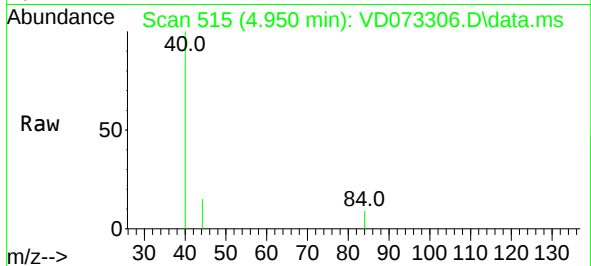




#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

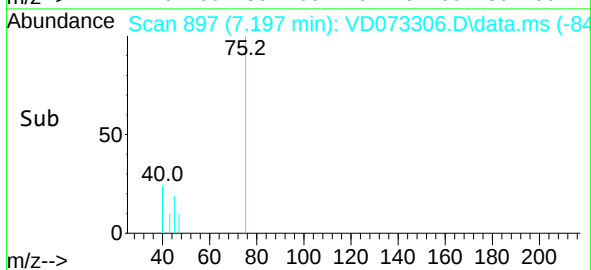
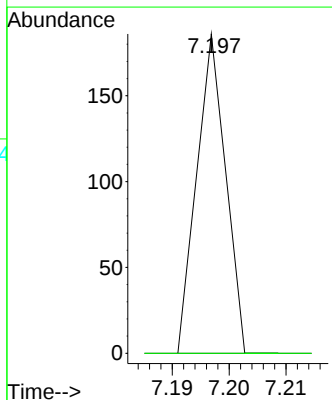
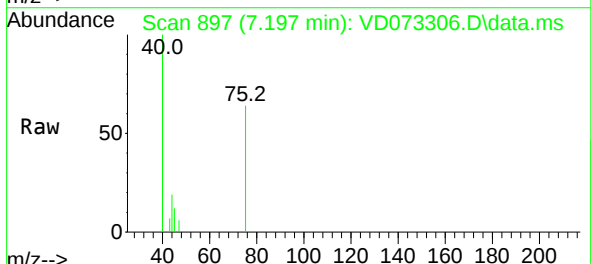
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-1218-01

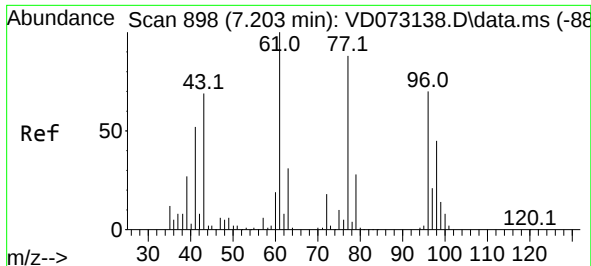
Tgt Ion:	84	Resp:	101
Ion	Ratio	Lower	Upper
84	100		
49	0.0	112.8	169.2#
51	0.0	32.6	48.8#
86	0.0	47.9	71.9#



#25
2-Butanone
Concen: 2.616 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

Tgt Ion:	43	Resp:	66
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

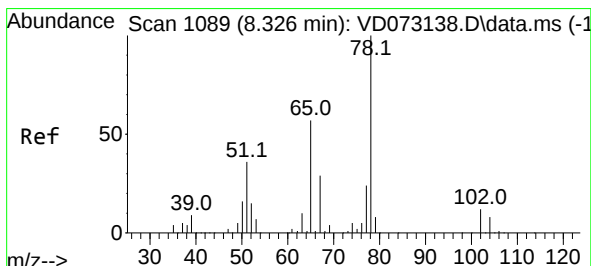
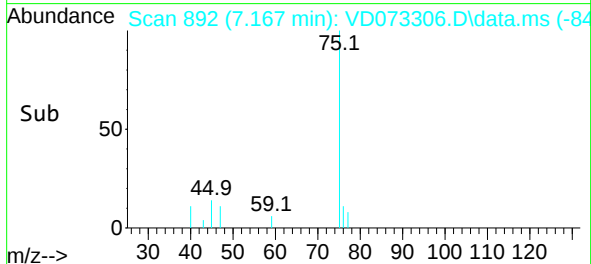
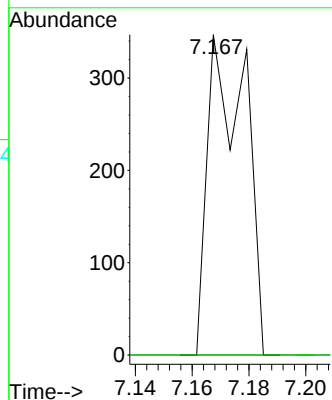
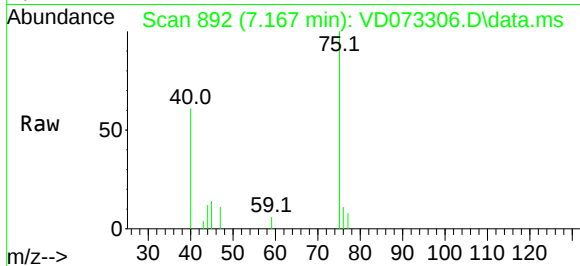




#26
2,2-Dichloropropane
Concen: 1.896 ug/l
RT: 7.167 min Scan# 89
Delta R.T. -0.036 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

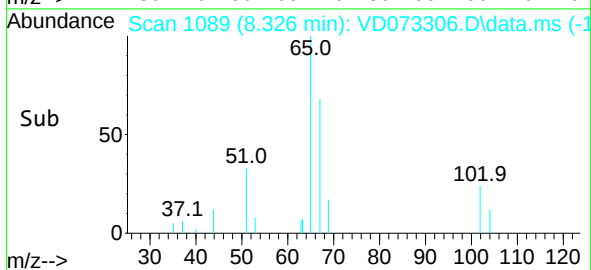
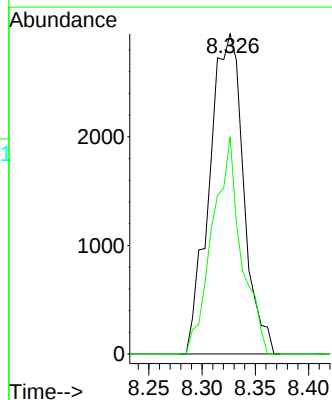
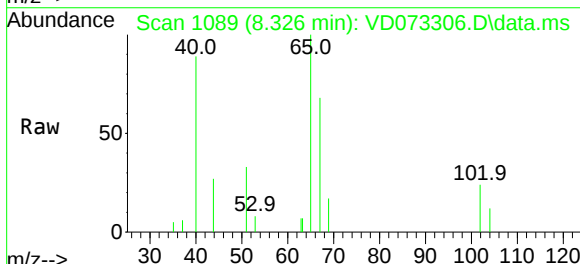
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-1218-01

Tgt Ion: 77 Resp: 318
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#



#33
1,2-Dichloroethane-d4
Concen: 66.112 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

Tgt Ion: 65 Resp: 6583
Ion Ratio Lower Upper
65 100
67 57.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073306.D

Acq: 24 May 2022 03:24

Instrument :

MSVOA_D

ClientSampleId :

P043-SS001-1218-01

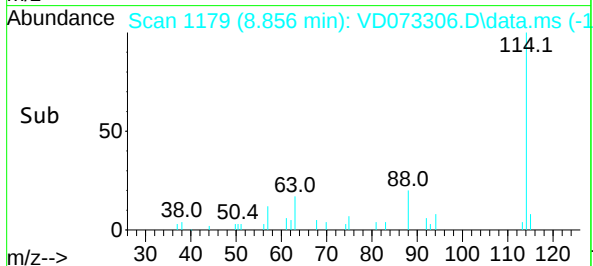
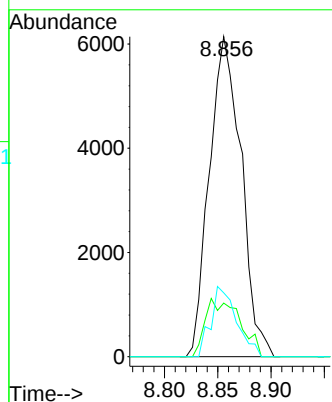
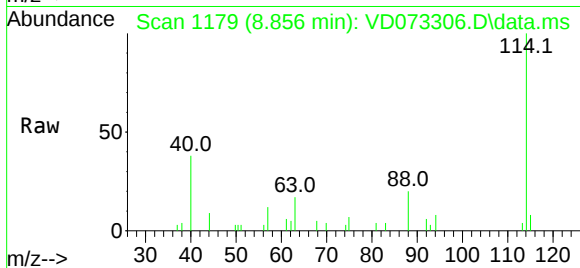
Tgt Ion:114 Resp: 12757

Ion Ratio Lower Upper

114 100

63 16.8 0.0 46.6

88 20.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 72.880 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073306.D

Acq: 24 May 2022 03:24

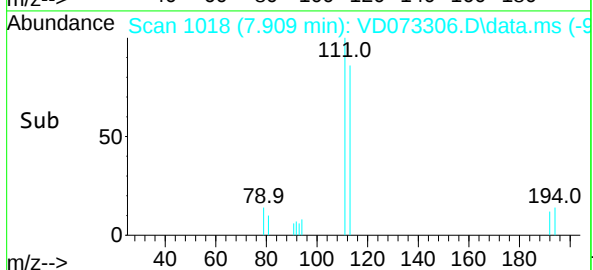
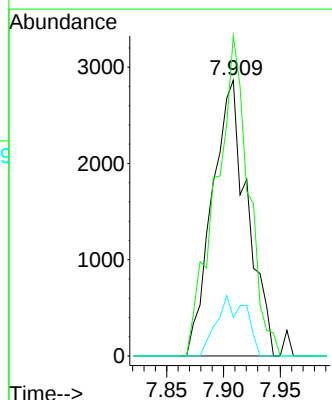
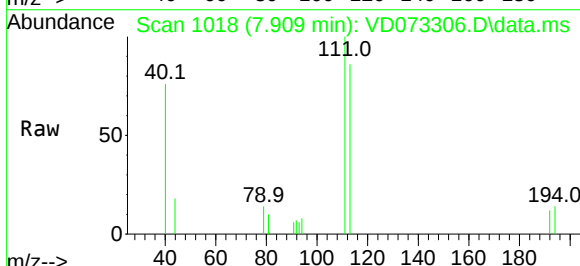
Tgt Ion:113 Resp: 6135

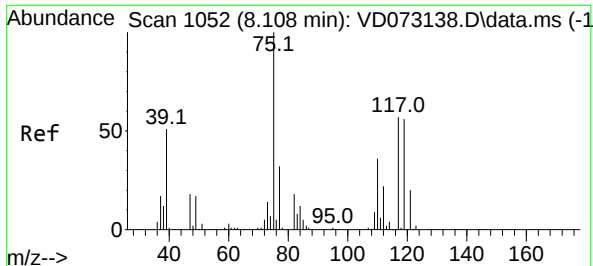
Ion Ratio Lower Upper

113 100

111 108.8 83.8 125.6

192 18.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 2.915 ug/l

RT: 7.979 min Scan# 1052

Delta R.T. -0.129 min

Lab File: VD073306.D

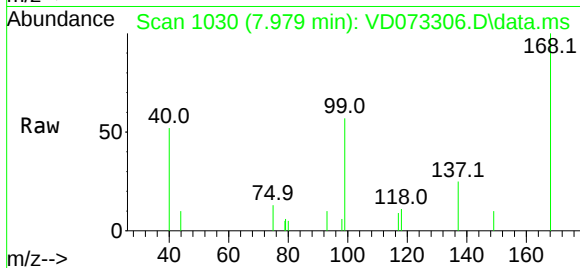
Acq: 24 May 2022 03:24

Instrument :

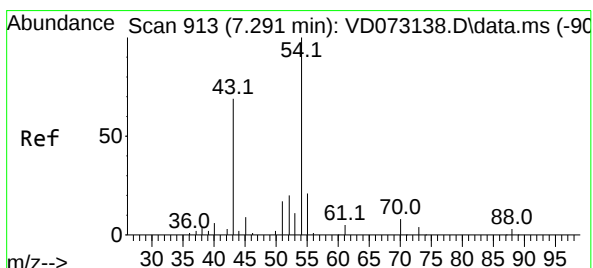
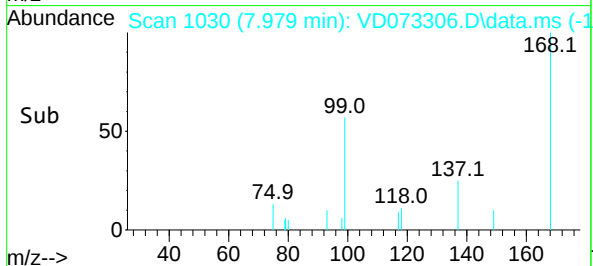
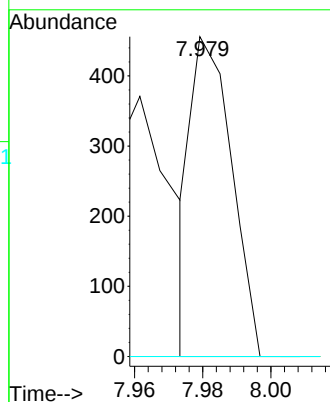
MSVOA_D

ClientSampleId :

P043-SS001-1218-01



Tgt Ion: 75	Resp: 369
Ion Ratio	Lower Upper
75 100	
110 0.0	16.4 49.1#
77 0.0	24.2 36.2#



#37

Ethyl Acetate

Concen: 1.320 ug/l

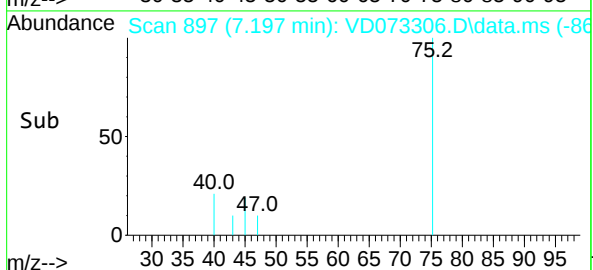
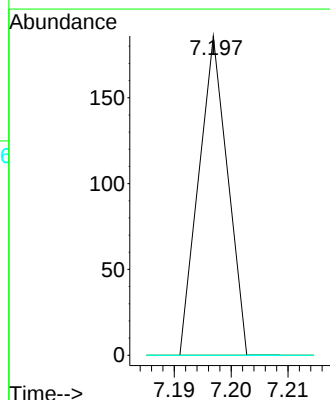
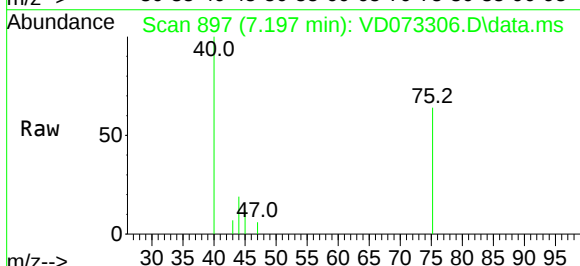
RT: 7.197 min Scan# 897

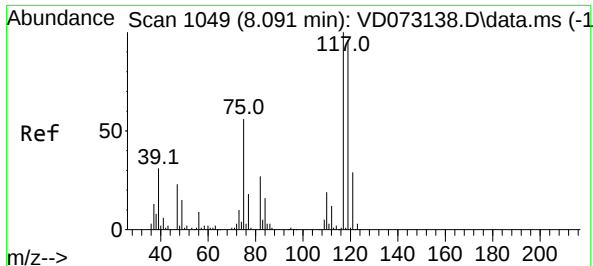
Delta R.T. -0.094 min

Lab File: VD073306.D

Acq: 24 May 2022 03:24

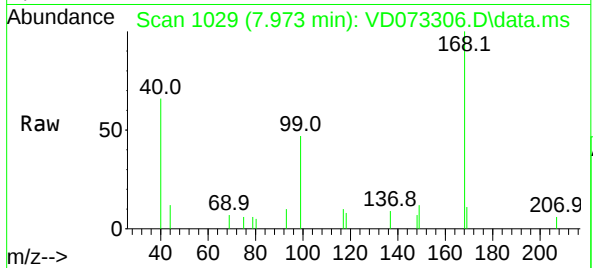
Tgt Ion: 43	Resp: 66
Ion Ratio	Lower Upper
43 100	
61 0.0	9.8 14.8#
70 0.0	6.9 10.3#



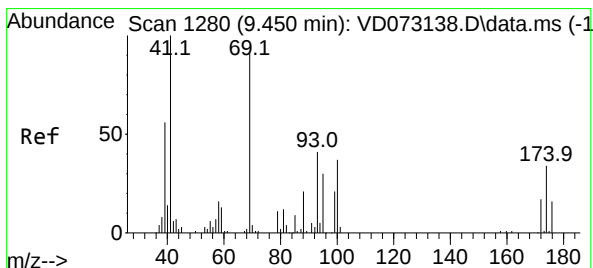
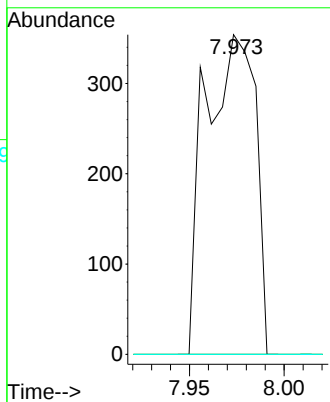
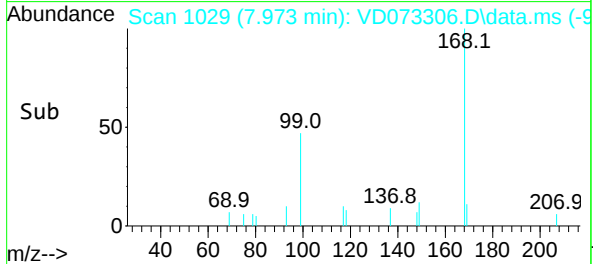


#38
Carbon Tetrachloride
Concen: 5.041 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

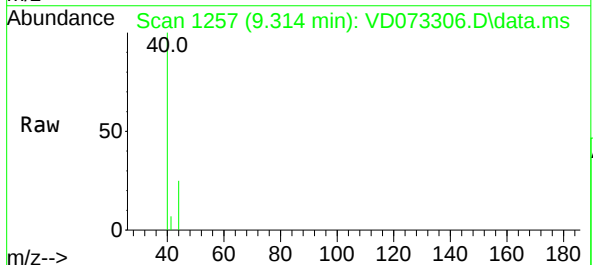
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-1218-01



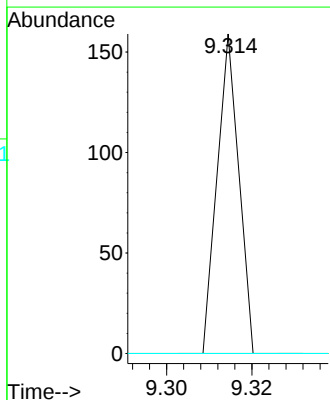
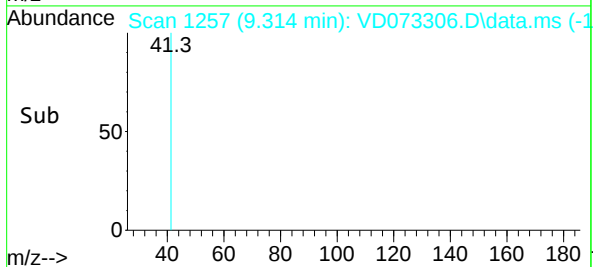
Tgt Ion:117 Resp: 647
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#

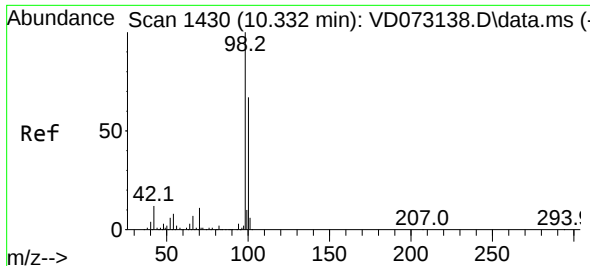


#48
Methyl methacrylate
Concen: 1.204 ug/l
RT: 9.314 min Scan# 1257
Delta R.T. -0.136 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24



Tgt Ion: 41 Resp: 56
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 0.0 42.7 64.1#

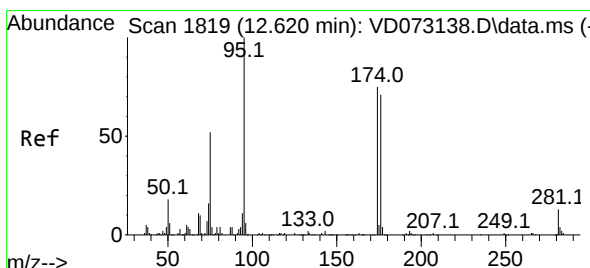
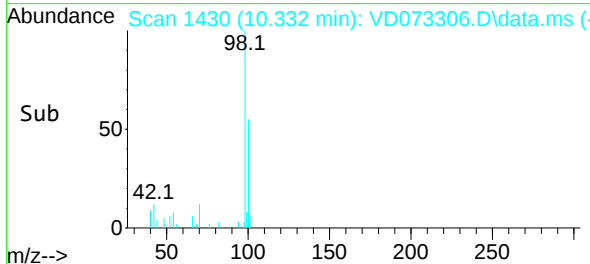
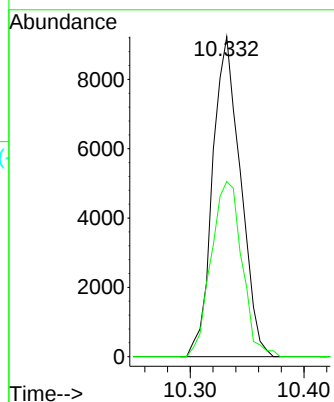
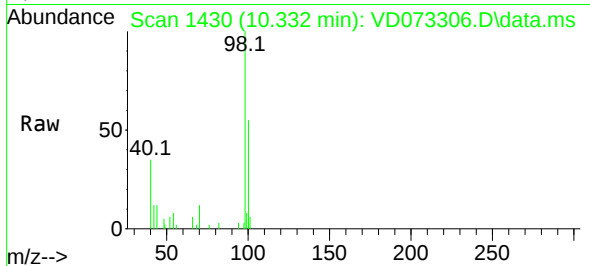




#50
Toluene-d8
Concen: 50.773 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

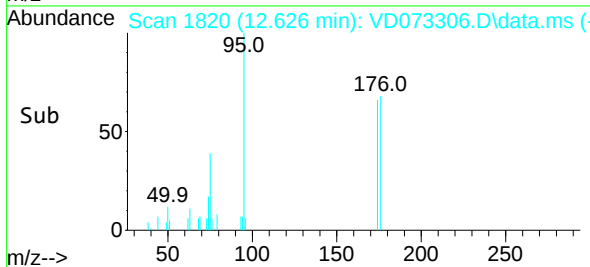
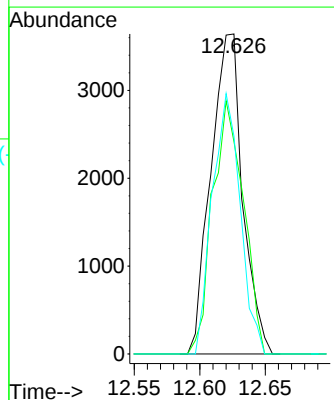
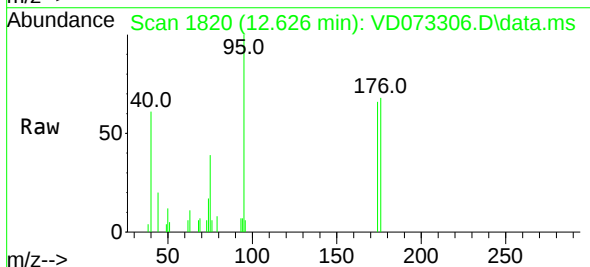
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-1218-01

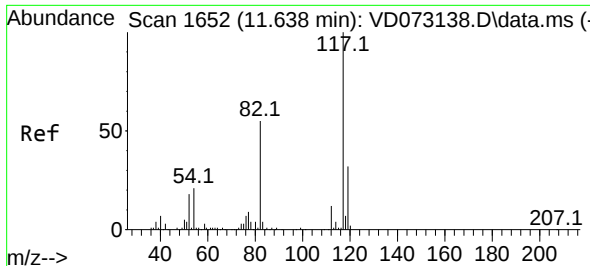
Tgt Ion: 98 Resp: 15755
Ion Ratio Lower Upper
98 100
100 60.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 56.484 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

Tgt Ion: 95 Resp: 6151
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 71.4 0.0 145.4

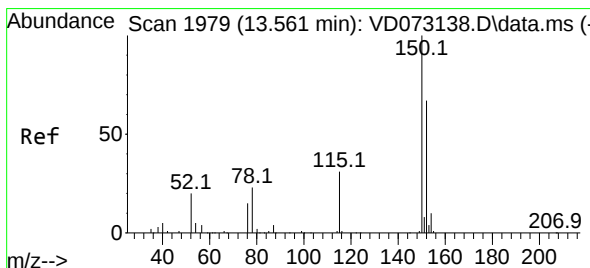
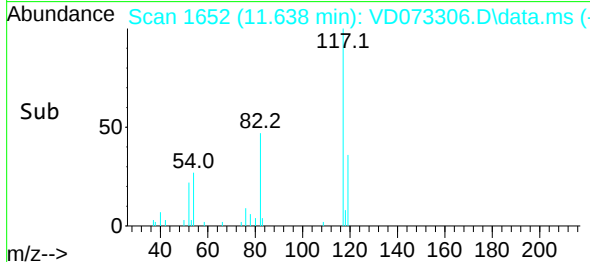
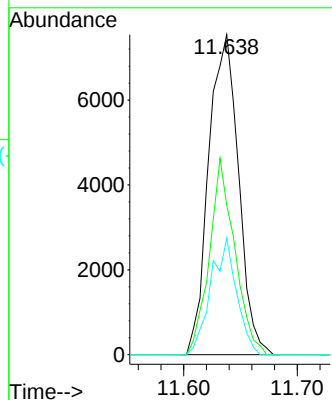
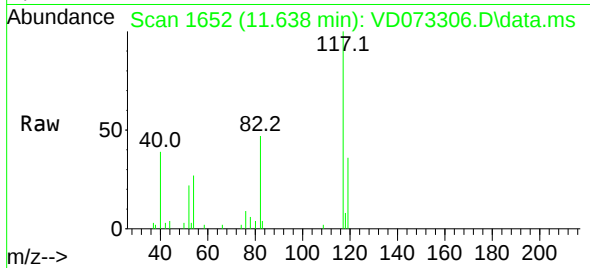




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

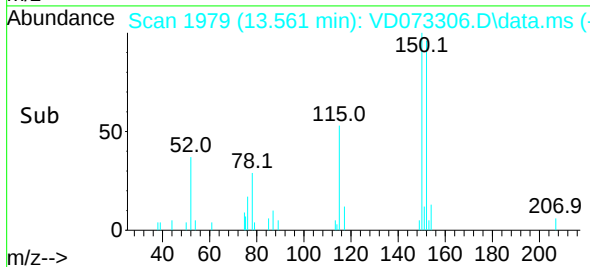
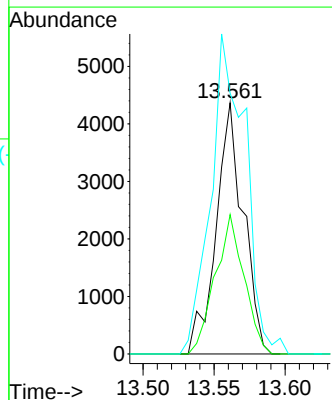
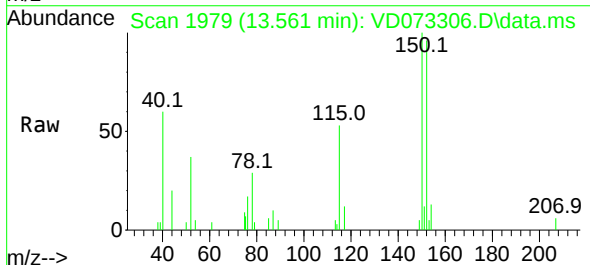
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-1218-01

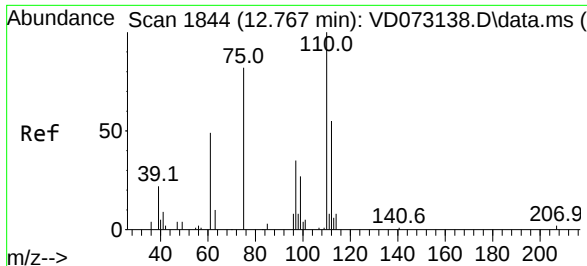
Tgt Ion:	117	Resp:	13777
Ion	Ratio	Lower	Upper
117	100		
82	46.7	45.3	67.9
119	36.4	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

Tgt Ion:	152	Resp:	5828
Ion	Ratio	Lower	Upper
152	100		
115	59.0	31.3	93.8
150	161.9	0.0	348.6

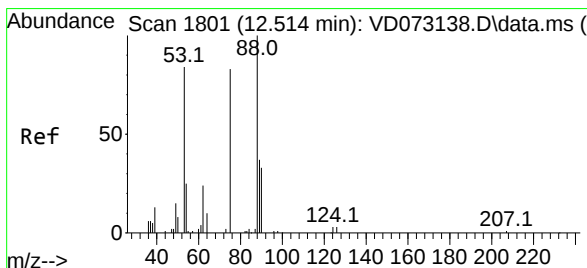
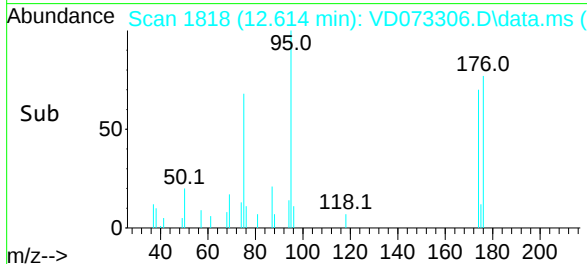
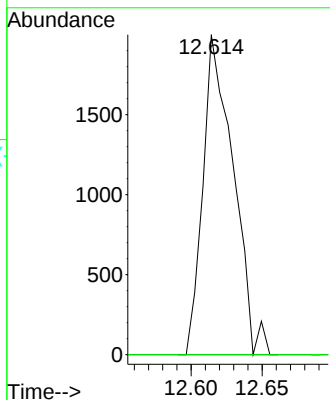
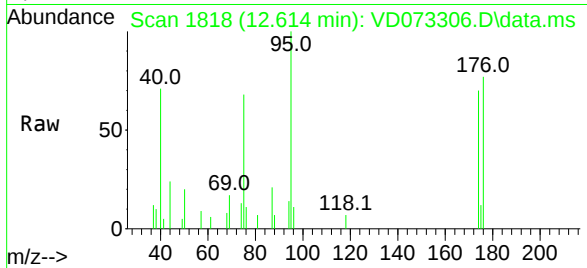




#76
1,2,3-Trichloropropane
Concen: 51.851 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-1218-01

Tgt Ion: 75 Resp: 2965
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 124.479 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

Tgt Ion: 75 Resp: 2965
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

