

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072399.D
 Acq On : 24 Mar 2022 10:34
 Operator : VA/SY
 Sample : VD0324SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0324SBL01

Quant Time: Mar 24 16:44:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

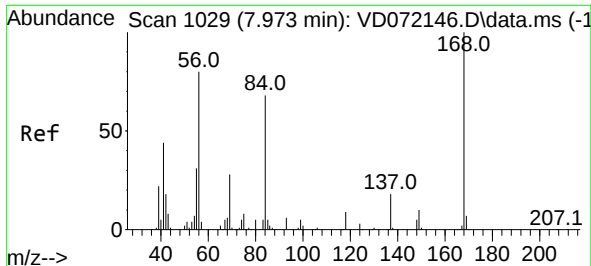
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	438718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	728459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	843483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	424751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207180	42.374	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.740%		
35) Dibromofluoromethane	7.914	113	225411	43.972	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.940%		
50) Toluene-d8	10.338	98	933510	49.803	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.600%		
62) 4-Bromofluorobenzene	12.626	95	427606	58.712	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	117.420%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	1102	2.461	ug/l #	85
16) Acetone	4.150	43	2884	2.717	ug/l #	84
17) Carbon Disulfide	4.403	76	2498	1.758	ug/l #	46
20) Methylene Chloride	4.968	84	11608	Below Cal	#	81
31) Cyclohexane	7.973	56	12740	1.668	ug/l #	2
49) 1,4-Dioxane	9.455	88	77	2.320	ug/l #	20
55) 1,1,2-Trichloroethane	10.767	97	7736	1.835	ug/l #	22
59) 2-Hexanone	10.950	43	13077	5.896	ug/l #	30
74) N-amyl acetate	12.261	43	12625	1.745	ug/l #	68
76) 1,2,3-Trichloropropane	12.626	75	220429	47.046	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	220429	116.726	ug/l #	7

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

Quant Time: Mar 24 16:44:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

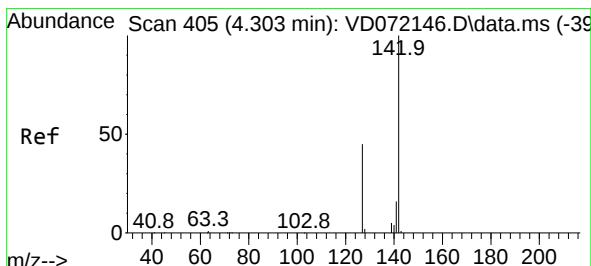
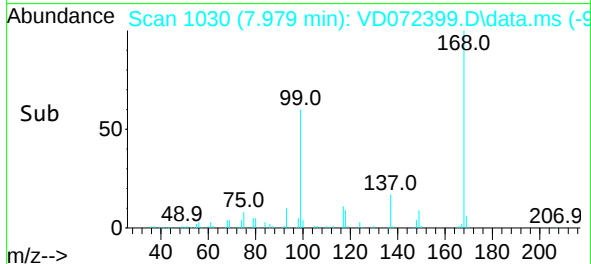
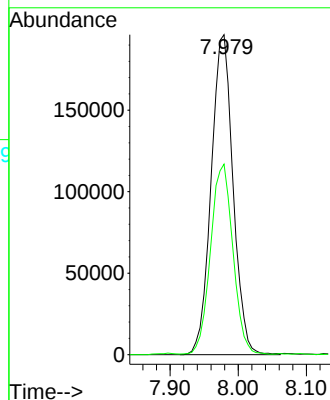
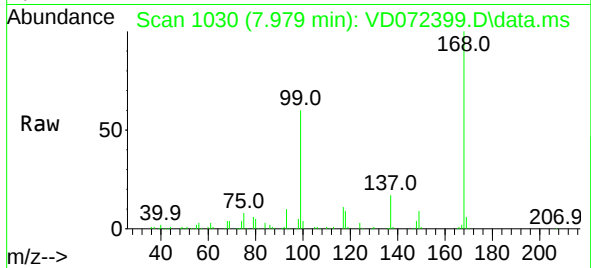




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

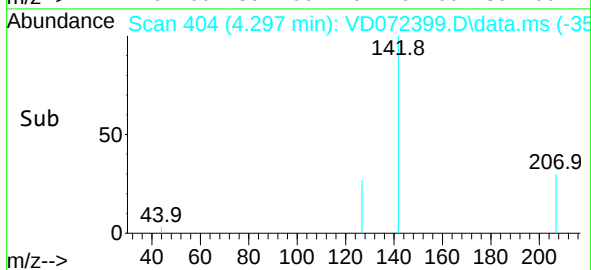
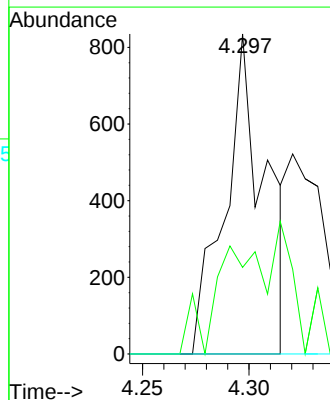
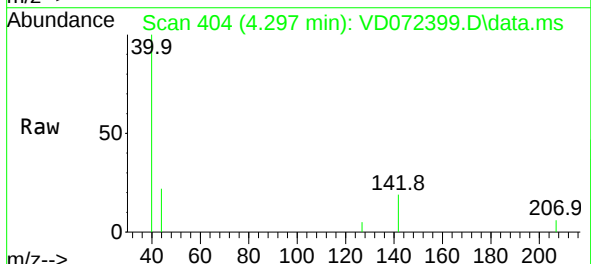
Instrument :
MSVOA_D
ClientSampleId :
VD0324SBL01

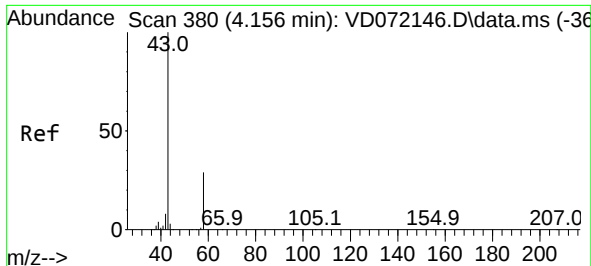
Tgt Ion:168 Resp: 438718
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#10
Methyl Iodide
Concen: 2.461 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

Tgt Ion:142 Resp: 1102
Ion Ratio Lower Upper
142 100
127 41.3 37.3 55.9
141 0.0 11.7 17.5#

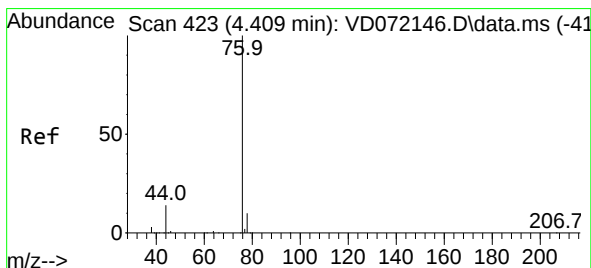
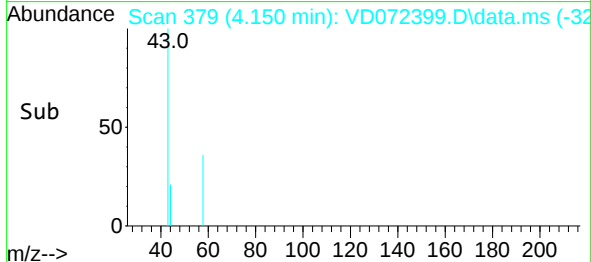
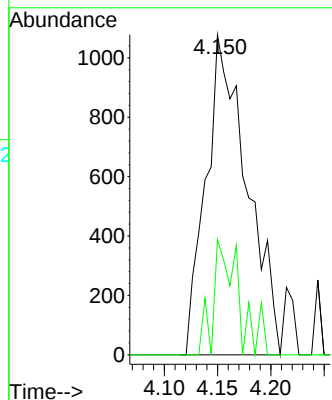
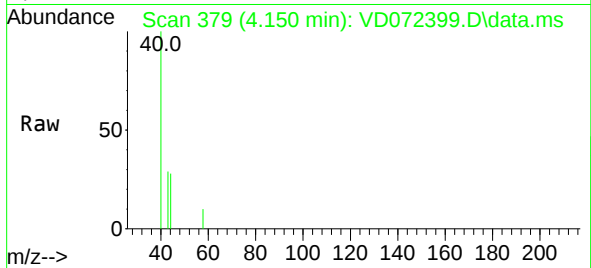




#16
Acetone
Concen: 2.717 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

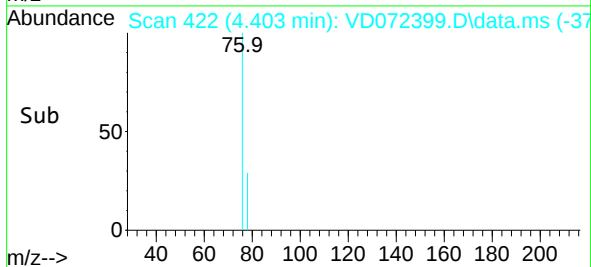
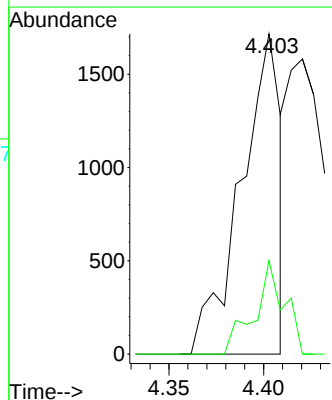
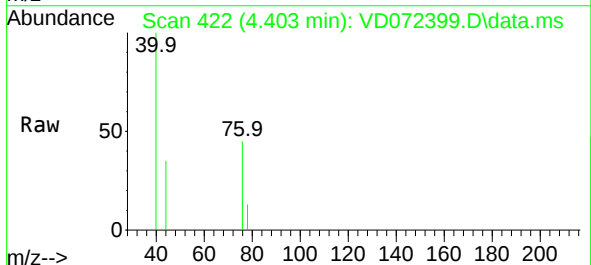
Instrument :
MSVOA_D
ClientSampleId :
VD0324SBL01

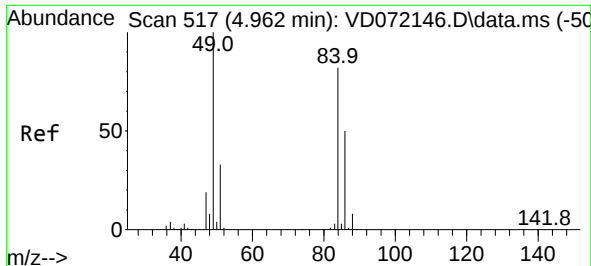
Tgt Ion: 43 Resp: 2884
Ion Ratio Lower Upper
43 100
58 36.0 22.1 33.1#



#17
Carbon Disulfide
Concen: 1.758 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

Tgt Ion: 76 Resp: 2498
Ion Ratio Lower Upper
76 100
78 29.2 7.5 11.3#

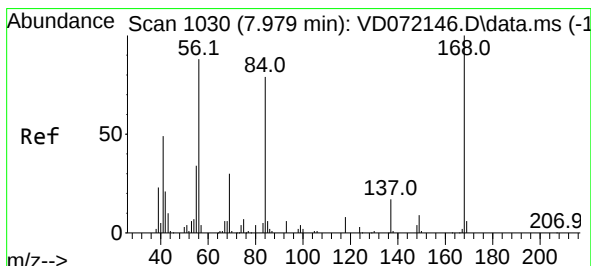
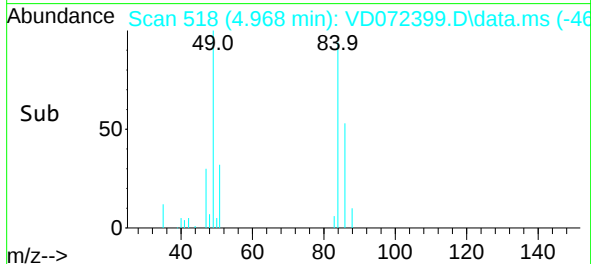
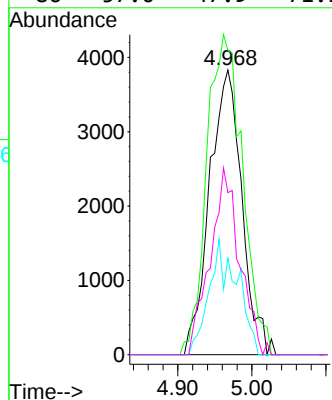
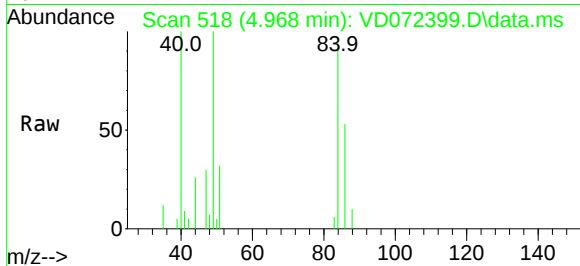




#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

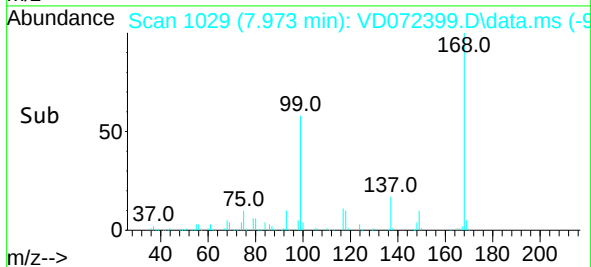
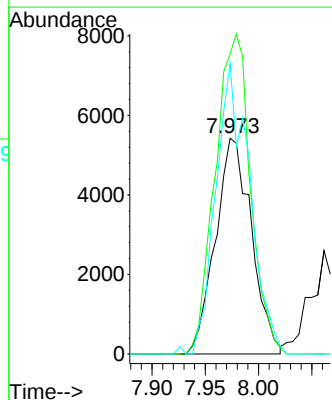
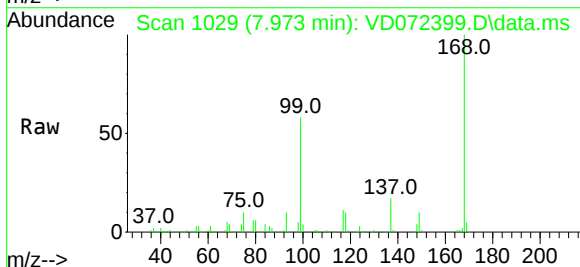
Instrument :
MSVOA_D
ClientSampleId :
VD0324SBL01

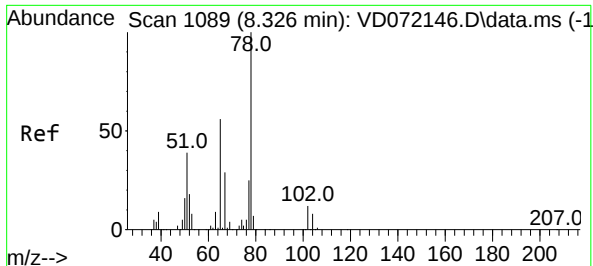
Tgt Ion:	84	Resp:	11608
Ion	Ratio	Lower	Upper
84	100		
49	106.9	112.8	169.2#
51	33.9	32.6	48.8
86	57.0	47.9	71.9



#31
Cyclohexane
Concen: 1.668 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

Tgt Ion:	56	Resp:	12740
Ion	Ratio	Lower	Upper
56	100		
69	139.2	25.4	38.2#
84	131.2	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 42.374 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072399.D

Acq: 24 Mar 2022 10:34

Instrument :

MSVOA_D

ClientSampleId :

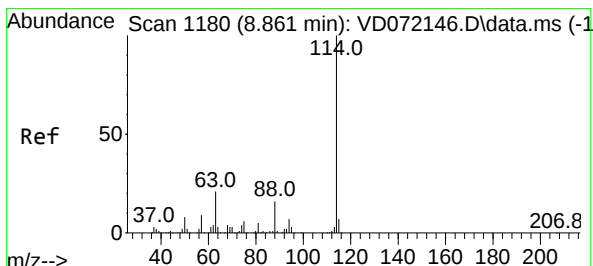
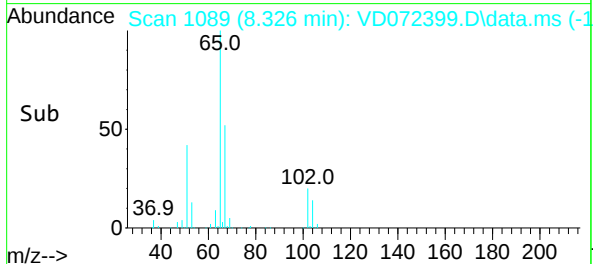
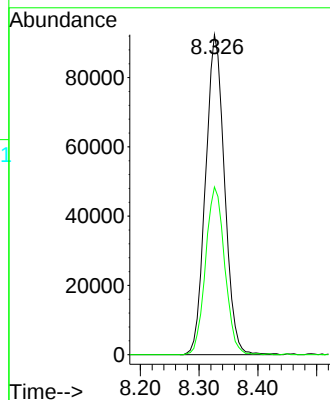
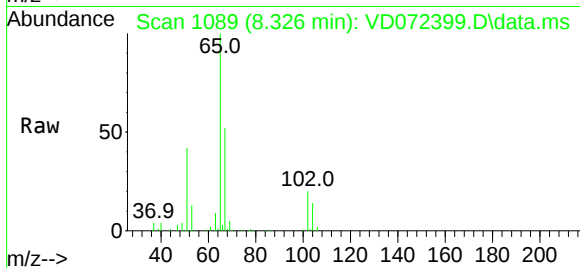
VD0324SBL01

Tgt Ion: 65 Resp: 207180

Ion Ratio Lower Upper

65 100

67 52.9 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: VD072399.D

Acq: 24 Mar 2022 10:34

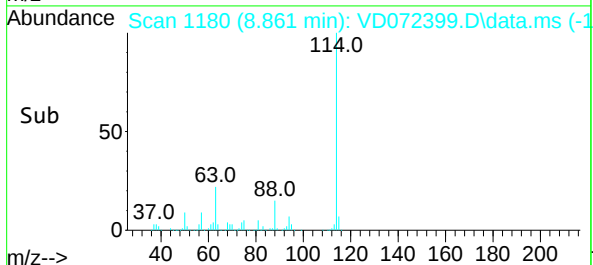
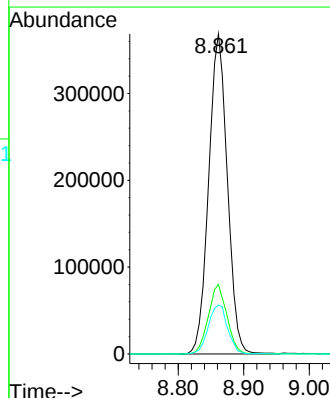
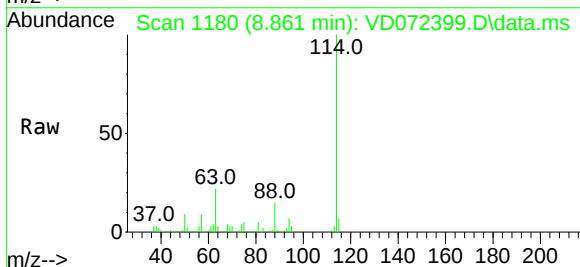
Tgt Ion: 114 Resp: 728459

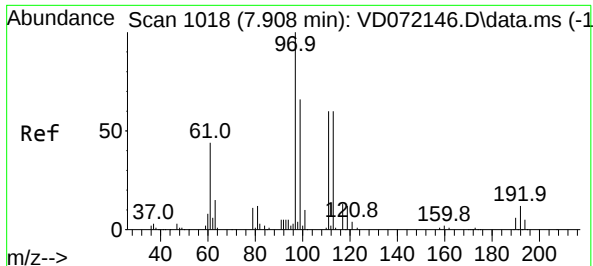
Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.6

88 15.4 0.0 33.2

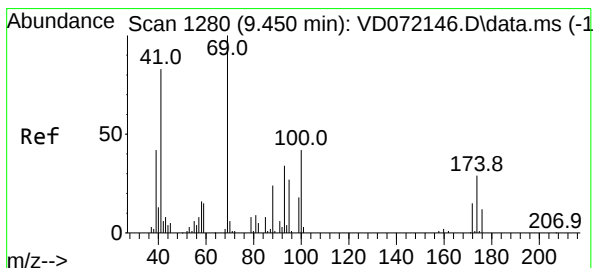
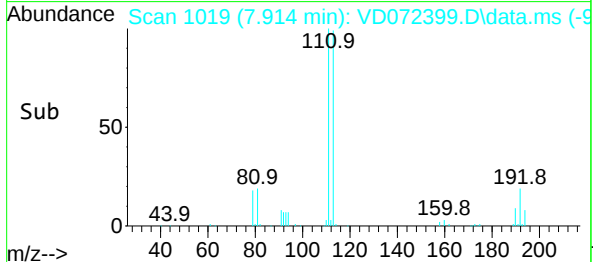
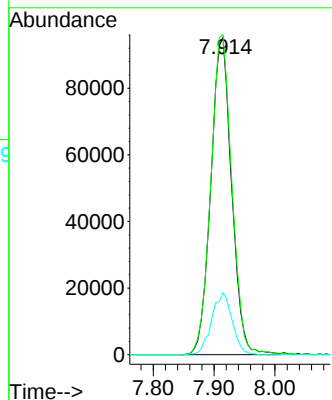
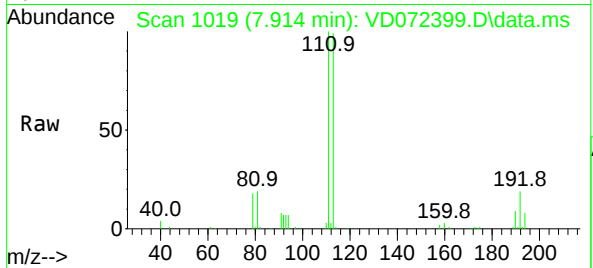




#35
Dibromofluoromethane
Concen: 43.972 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

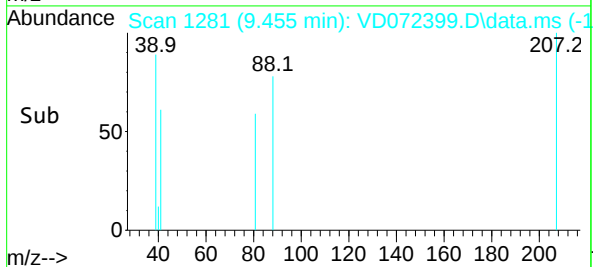
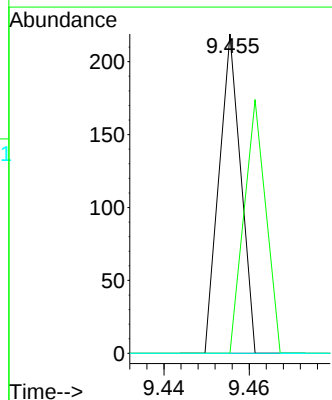
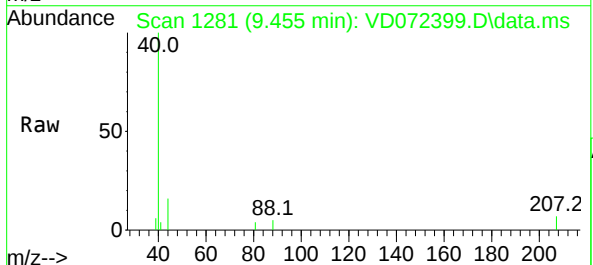
Instrument :
MSVOA_D
ClientSampleId :
VD0324SBL01

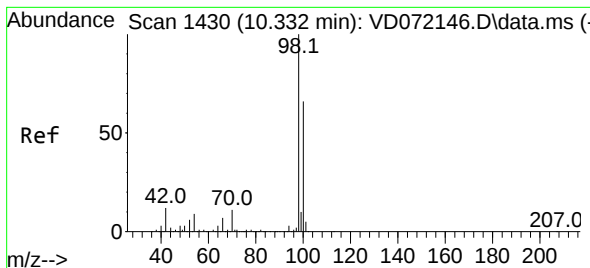
Tgt Ion:113 Resp: 225411
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 19.3 14.6 21.8



#49
1,4-Dioxane
Concen: 2.320 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

Tgt Ion: 88 Resp: 77
Ion Ratio Lower Upper
88 100
43 79.2 31.0 46.4#
58 0.0 58.1 87.1#





#50

Toluene-d8

Concen: 49.803 ug/l

RT: 10.338 min Scan# 14

Delta R.T. 0.006 min

Lab File: VD072399.D

Acq: 24 Mar 2022 10:34

Instrument :

MSVOA_D

ClientSampleId :

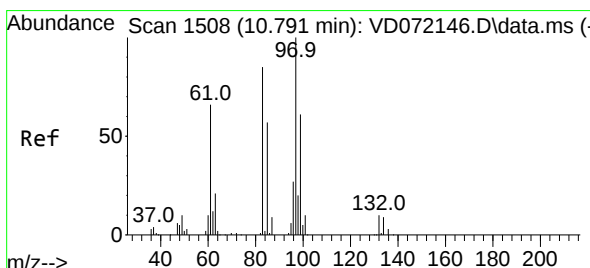
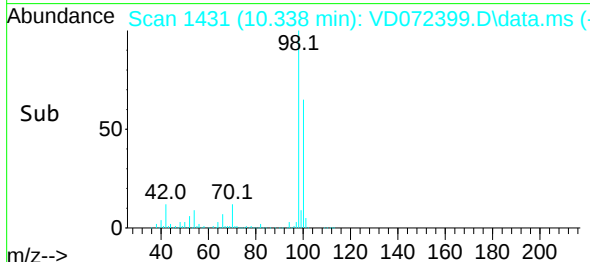
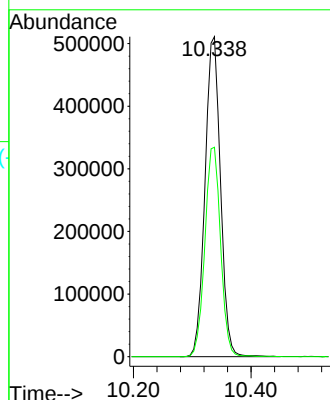
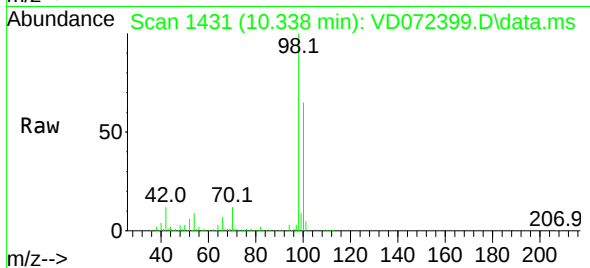
VD0324SBL01

Tgt Ion: 98 Resp: 933510

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6



#55

1,1,2-Trichloroethane

Concen: 1.835 ug/l

RT: 10.767 min Scan# 1504

Delta R.T. -0.023 min

Lab File: VD072399.D

Acq: 24 Mar 2022 10:34

Tgt Ion: 97 Resp: 7736

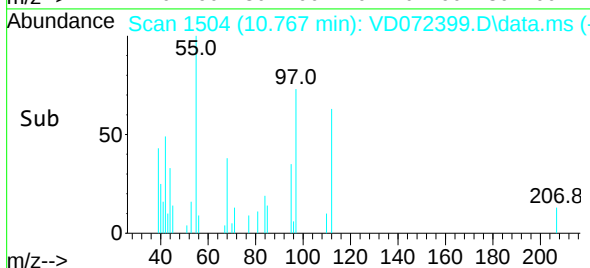
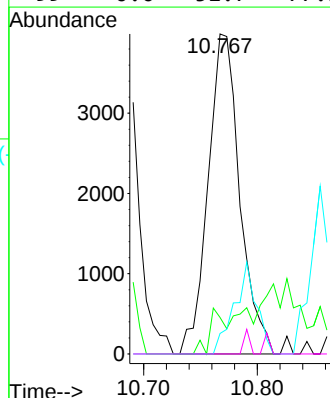
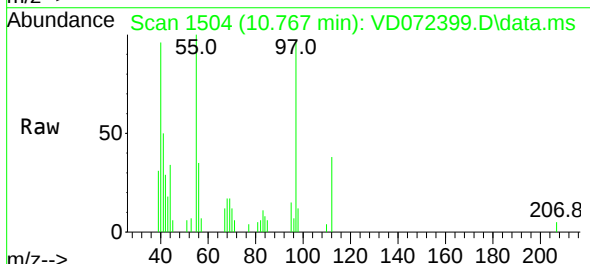
Ion Ratio Lower Upper

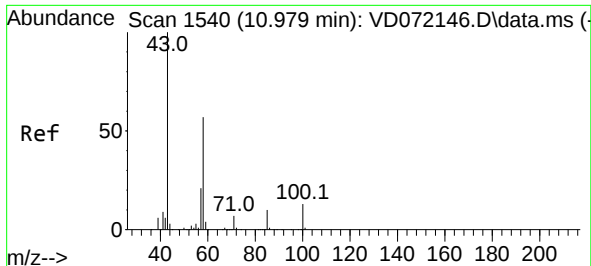
97 100

83 11.4 69.0 103.4#

85 6.4 42.6 63.8#

99 0.0 51.7 77.5#

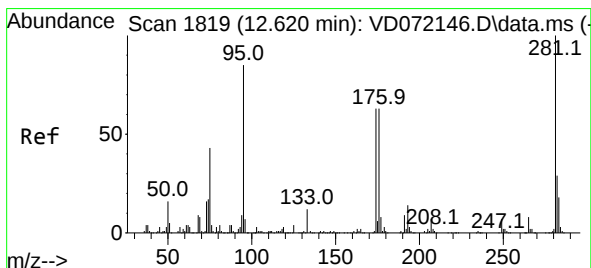
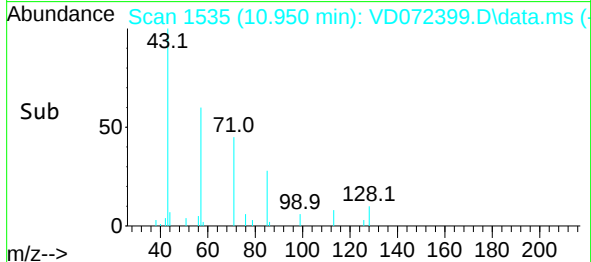
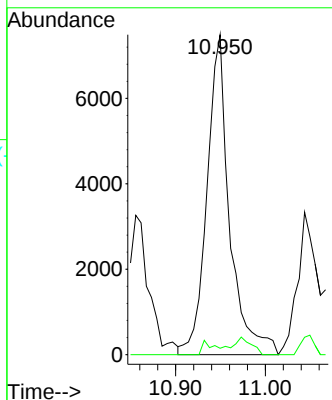
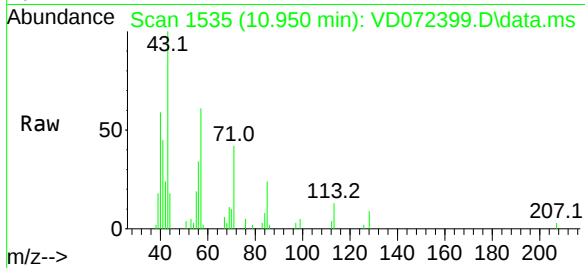




#59
2-Hexanone
Concen: 5.896 ug/l
RT: 10.950 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

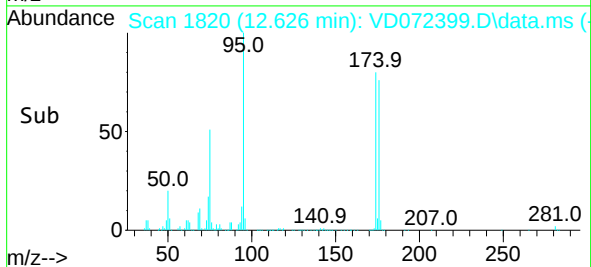
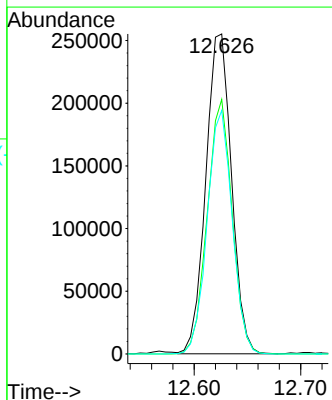
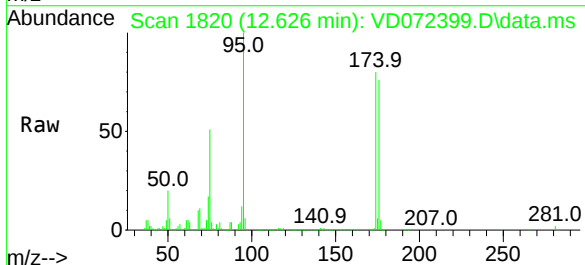
Instrument :
MSVOA_D
ClientSampleId :
VD0324SBL01

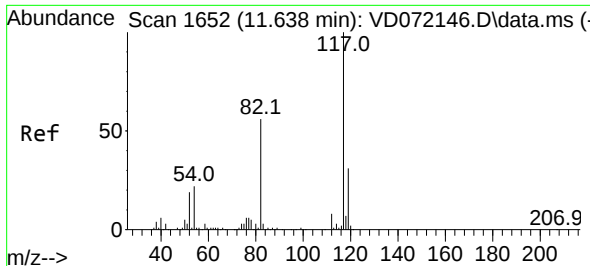
Tgt Ion: 43 Resp: 13077
Ion Ratio Lower Upper
43 100
58 2.3 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 58.712 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

Tgt Ion: 95 Resp: 427606
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 74.1 0.0 145.4

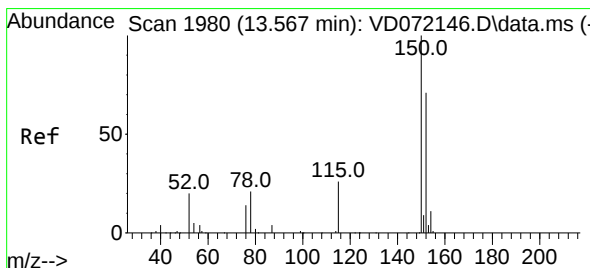
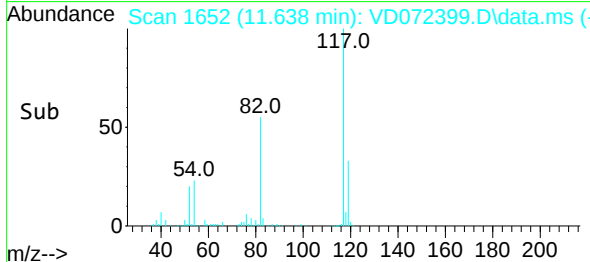
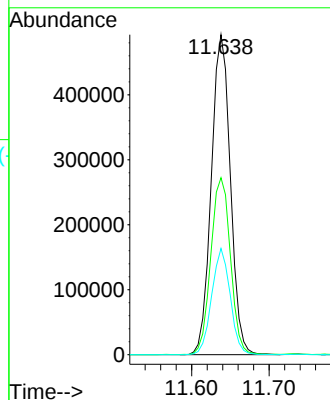
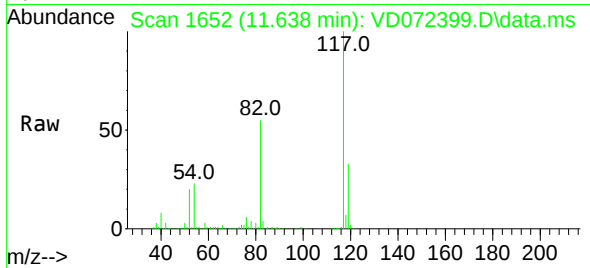




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

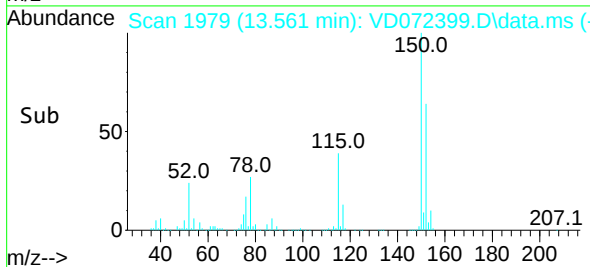
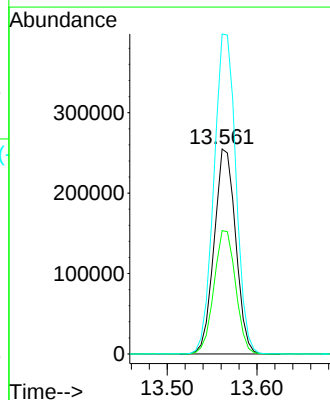
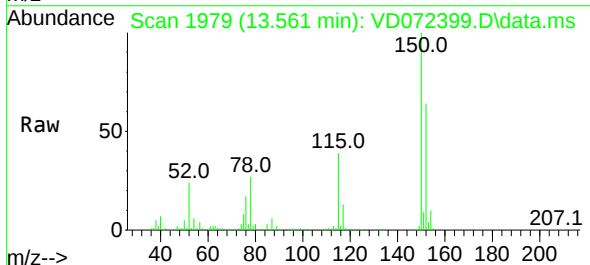
Instrument :
MSVOA_D
ClientSampleId :
VD0324SBL01

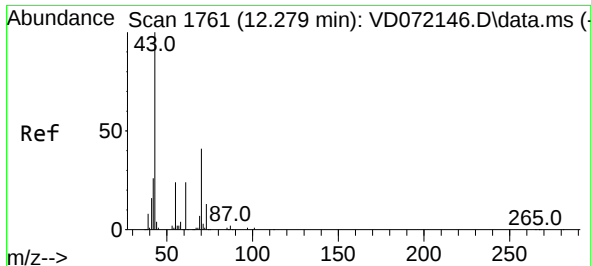
Tgt Ion:117 Resp: 843483
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 33.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

Tgt Ion:152 Resp: 424751
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 159.6 0.0 348.6

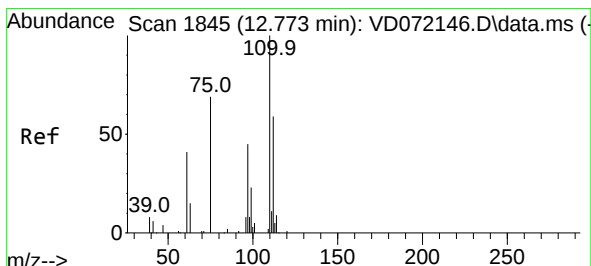
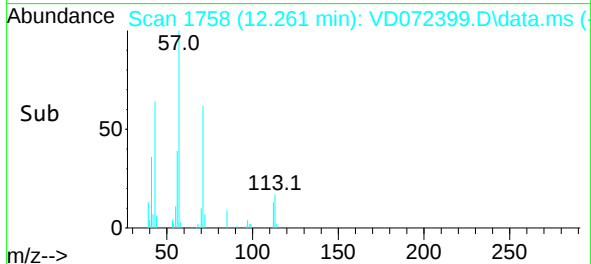
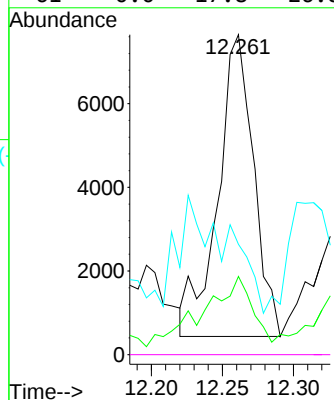
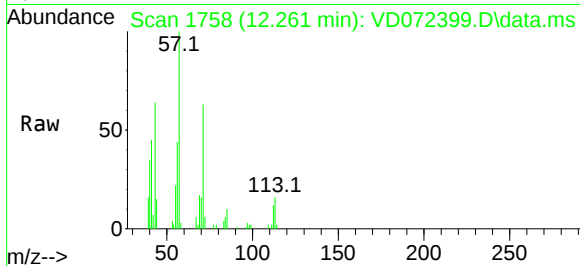




#74
N-amy1 acetate
Concen: 1.745 ug/l
RT: 12.261 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

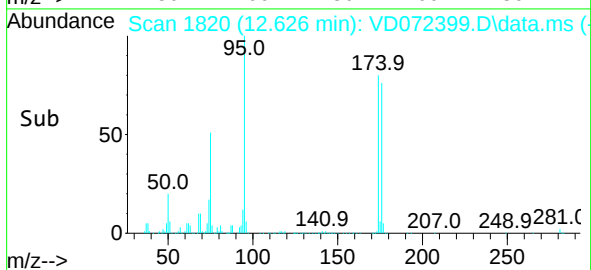
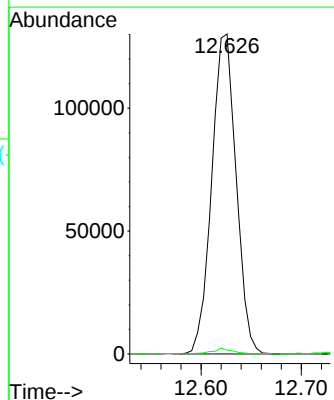
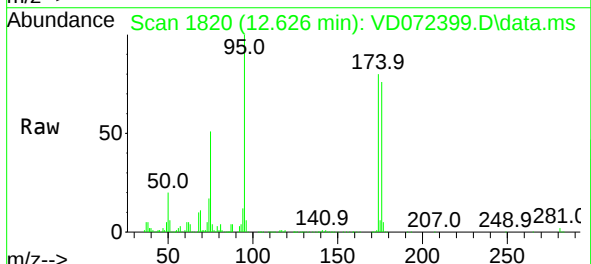
Instrument :
MSVOA_D
ClientSampleId :
VD0324SBL01

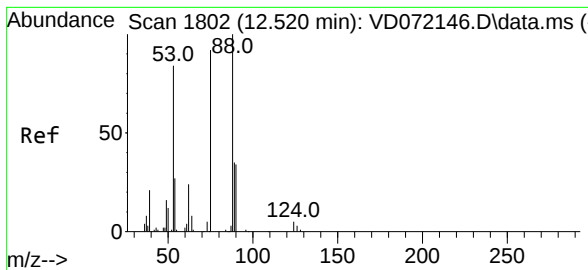
Tgt Ion: 43	Resp: 12625
Ion Ratio	Lower Upper
43 100	
70 32.1	31.3 46.9
55 0.0	20.0 30.0#
61 0.0	17.8 26.8#



#76
1,2,3-Trichloropropane
Concen: 47.046 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

Tgt Ion: 75	Resp: 220429
Ion Ratio	Lower Upper
75 100	
77 1.5	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.726 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072399.D
 Acq: 24 Mar 2022 10:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0324SBL01

Tgt Ion: 75 Resp: 220429
 Ion Ratio Lower Upper
 75 100
 53 0.6 86.5 129.7#
 89 0.0 33.9 50.9#

