

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072181.D
 Acq On : 15 Mar 2022 11:36
 Operator : VA/SY
 Sample : VD0315SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBL01

Quant Time: Mar 15 17:43:13 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

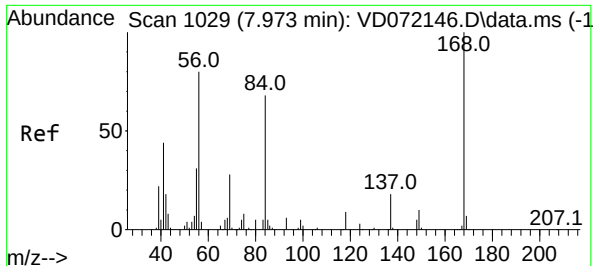
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	311125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	620509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	661900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	319166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197197	56.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.740%
35) Dibromofluoromethane	7.914	113	216463	49.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.140%
50) Toluene-d8	10.338	98	805171	50.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.860%
62) 4-Bromofluorobenzene	12.626	95	303477	48.918	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.840%
Target Compounds						
						Qvalue
10) Methyl Iodide	4.315	142	996	2.526	ug/l #	46
16) Acetone	4.162	43	2314	3.074	ug/l	95
17) Carbon Disulfide	4.420	76	5258	2.265	ug/l #	74
20) Methylene Chloride	4.968	84	2485	Below Cal		94
31) Cyclohexane	7.973	56	8383	1.547	ug/l #	3
36) 1,1-Dichloropropene	7.973	75	26088	4.259	ug/l #	51
76) 1,2,3-Trichloropropane	12.626	75	160255	45.518	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	160255	112.935	ug/l #	7

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

Quant Time: Mar 15 17:43:13 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

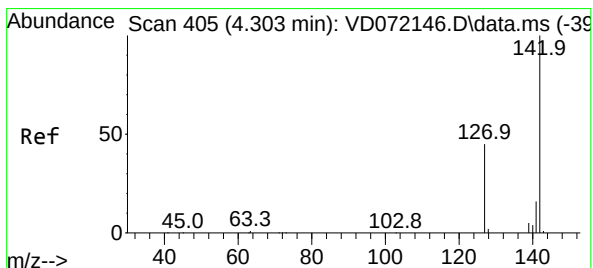
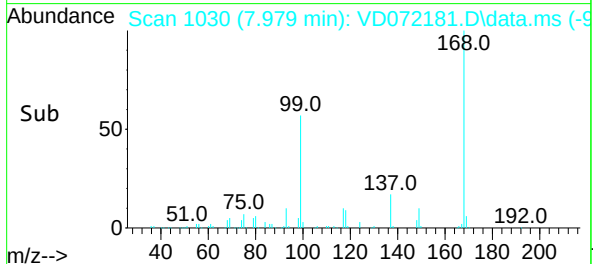
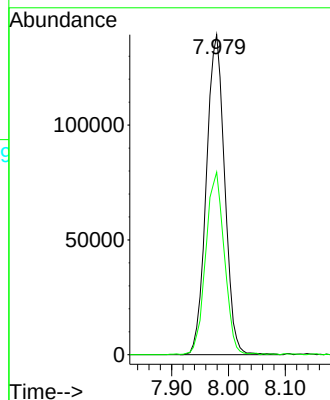
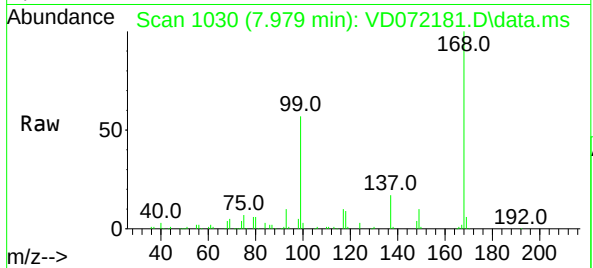




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072181.D
Acq: 15 Mar 2022 11:36

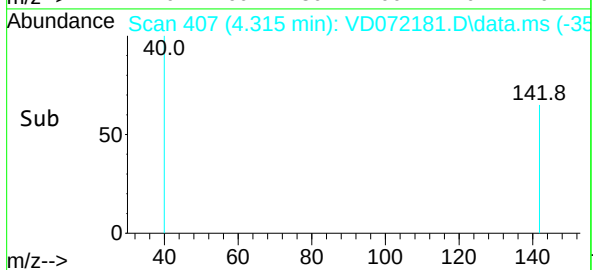
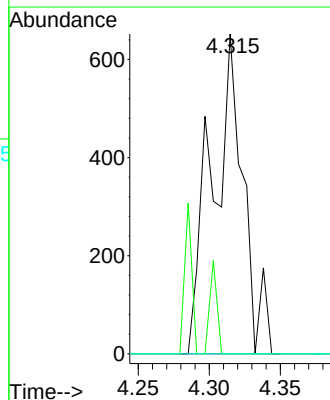
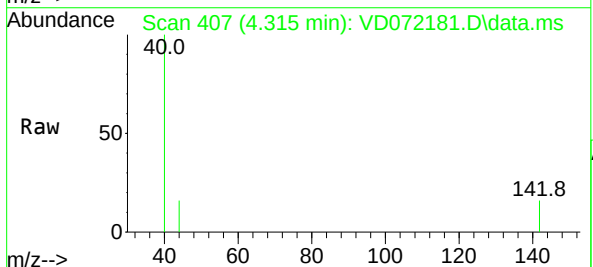
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBL01

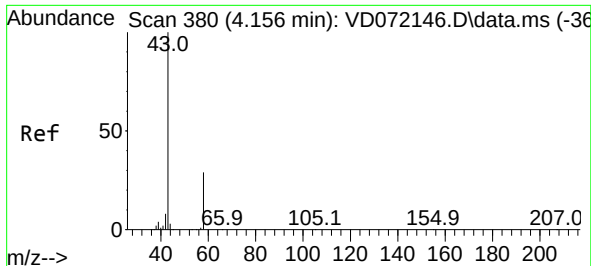
Tgt Ion:168 Resp: 311125
Ion Ratio Lower Upper
168 100
99 57.0 49.8 74.6



#10
Methyl Iodide
Concen: 2.526 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD072181.D
Acq: 15 Mar 2022 11:36

Tgt Ion:142 Resp: 996
Ion Ratio Lower Upper
142 100
127 6.7 37.3 55.9#
141 0.0 11.7 17.5#

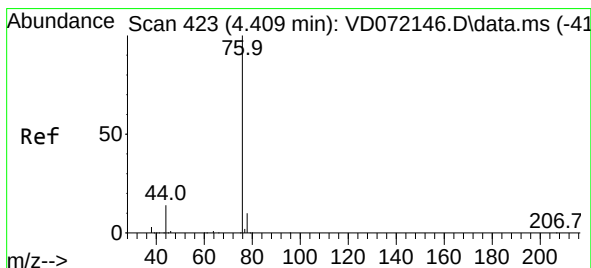
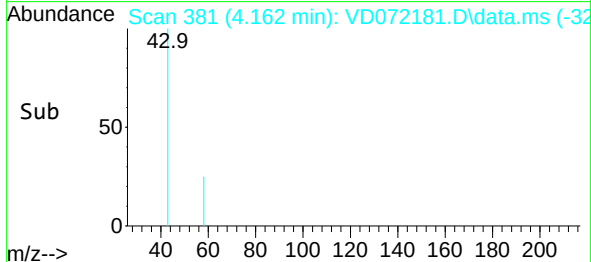
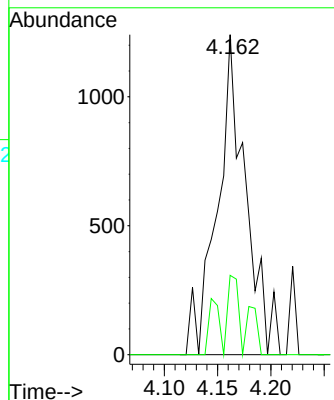
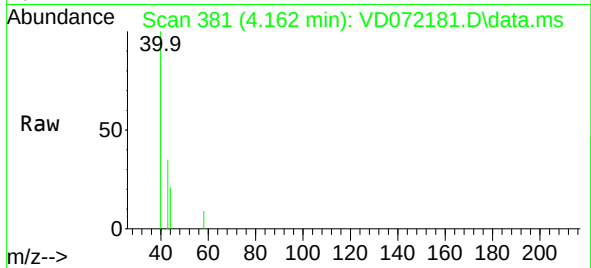




#16
Acetone
Concen: 3.074 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072181.D
Acq: 15 Mar 2022 11:36

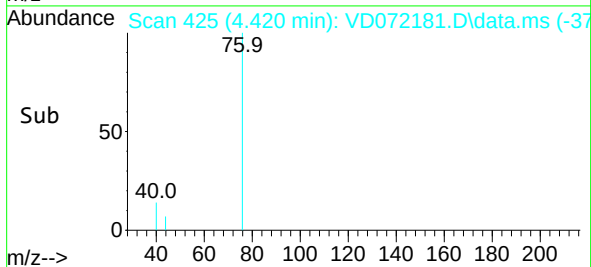
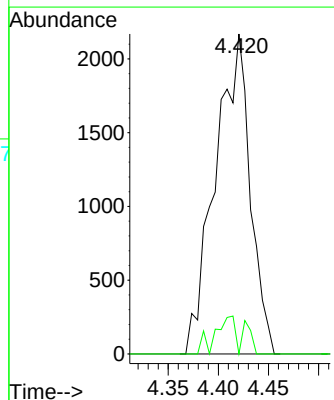
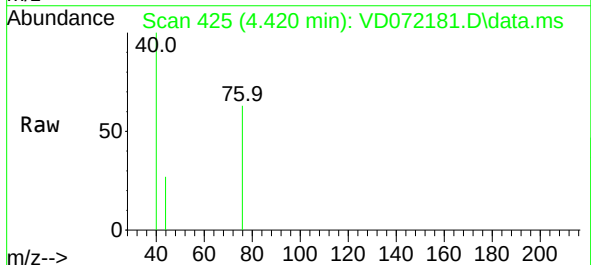
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBL01

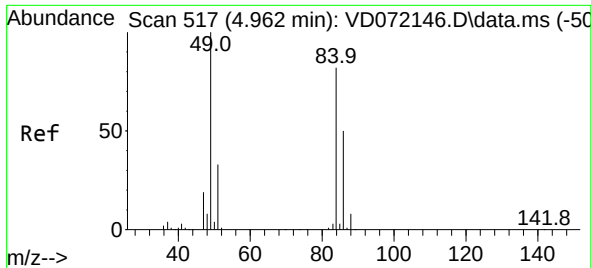
Tgt Ion: 43 Resp: 2314
Ion Ratio Lower Upper
43 100
58 24.8 22.1 33.1



#17
Carbon Disulfide
Concen: 2.265 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.011 min
Lab File: VD072181.D
Acq: 15 Mar 2022 11:36

Tgt Ion: 76 Resp: 5258
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

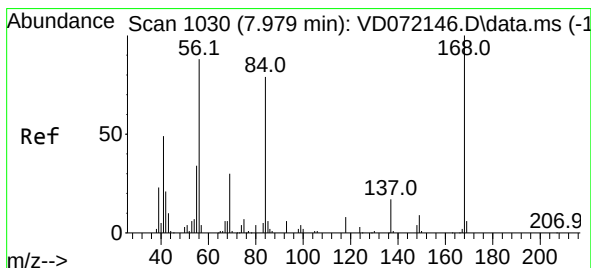
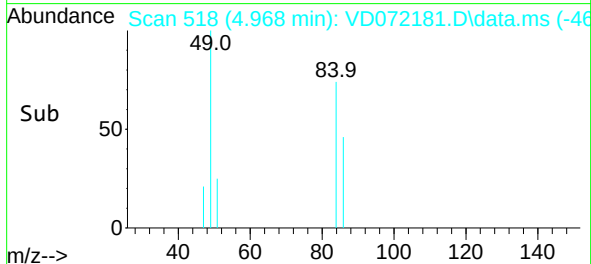
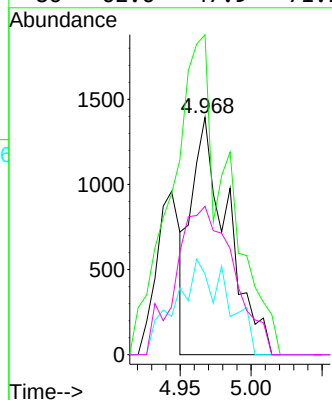
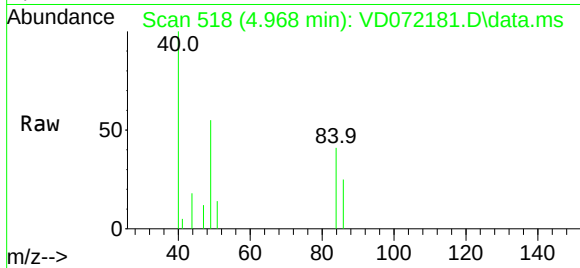




#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD072181.D
Acq: 15 Mar 2022 11:36

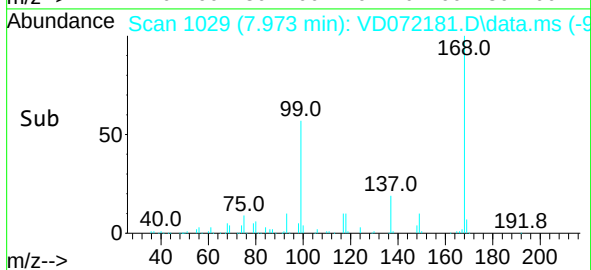
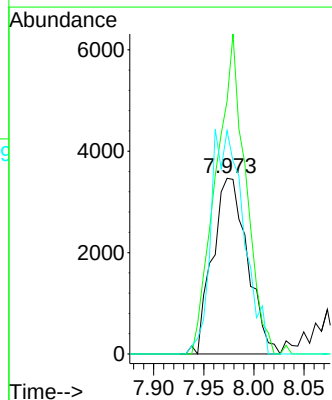
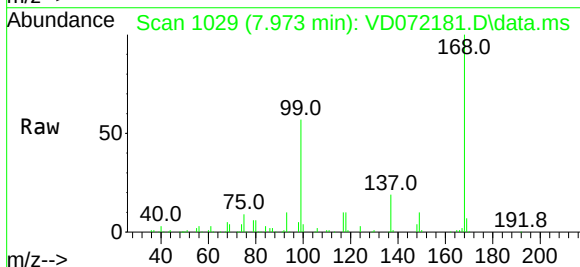
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBL01

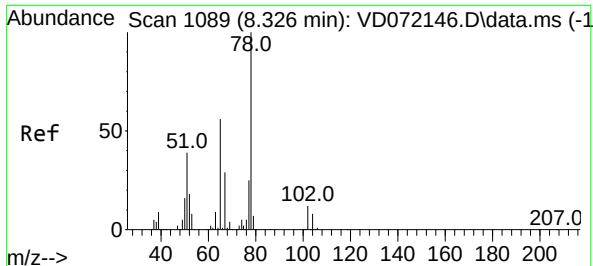
Tgt Ion:	84	Resp:	2485
Ion	Ratio	Lower	Upper
84	100		
49	134.9	112.8	169.2
51	33.9	32.6	48.8
86	62.6	47.9	71.9



#31
Cyclohexane
Concen: 1.547 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072181.D
Acq: 15 Mar 2022 11:36

Tgt Ion:	56	Resp:	8383
Ion	Ratio	Lower	Upper
56	100		
69	143.9	25.4	38.2#
84	127.2	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 56.873 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD072181.D

Acq: 15 Mar 2022 11:36

Instrument :

MSVOA_D

ClientSampleId :

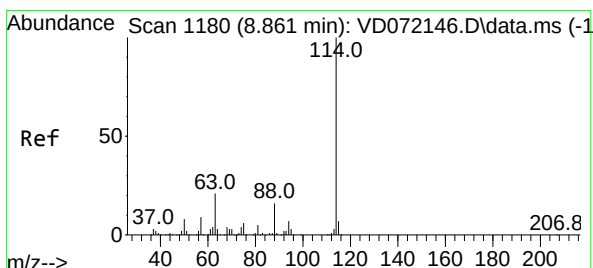
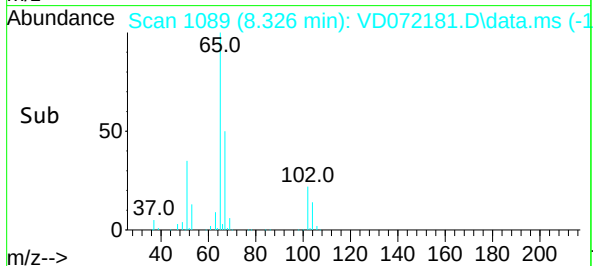
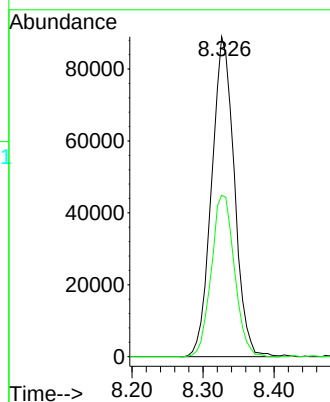
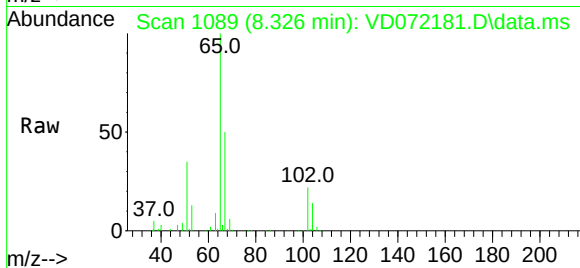
VD0315SBL01

Tgt Ion: 65 Resp: 197197

Ion Ratio Lower Upper

65 100

67 51.4 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: VD072181.D

Acq: 15 Mar 2022 11:36

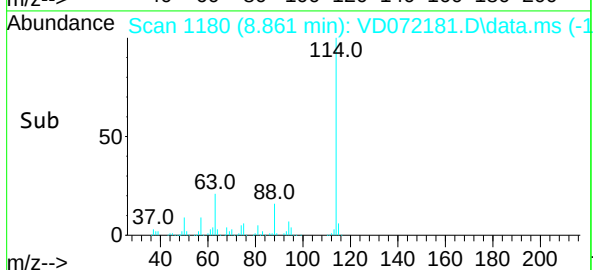
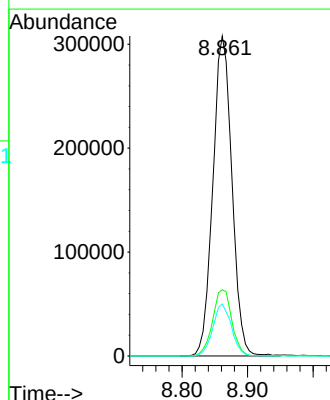
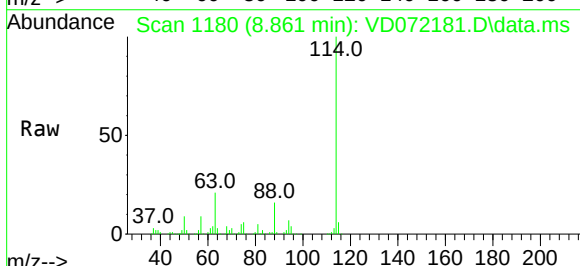
Tgt Ion: 114 Resp: 620509

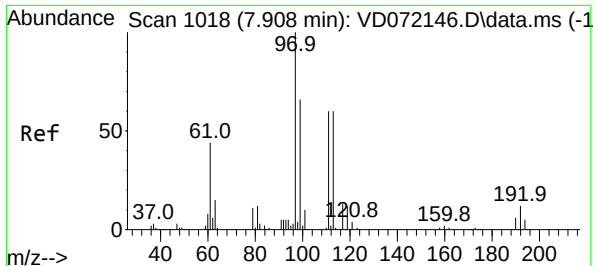
Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.573 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD072181.D

Acq: 15 Mar 2022 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBL01

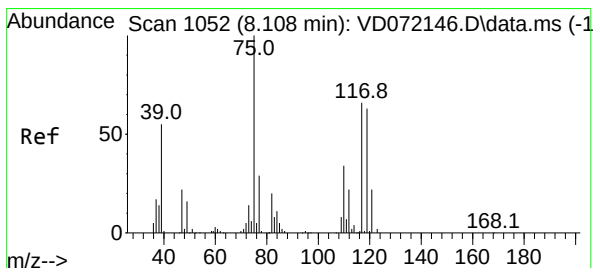
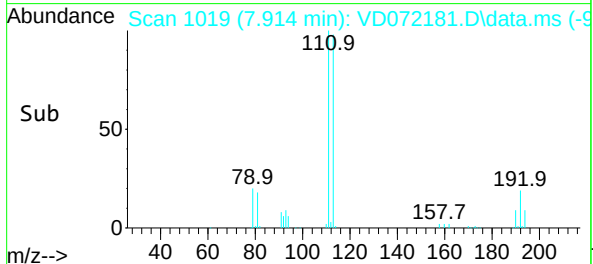
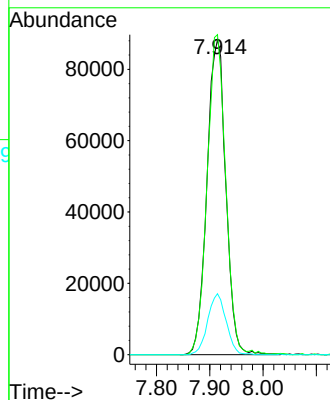
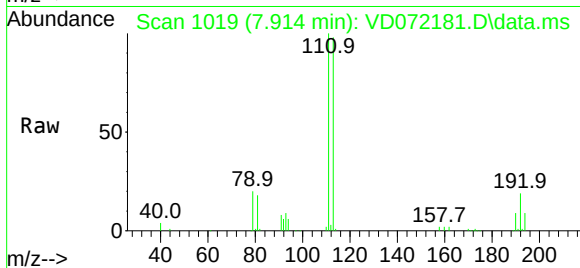
Tgt Ion:113 Resp: 216463

Ion Ratio Lower Upper

113 100

111 100.2 83.8 125.6

192 19.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.259 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072181.D

Acq: 15 Mar 2022 11:36

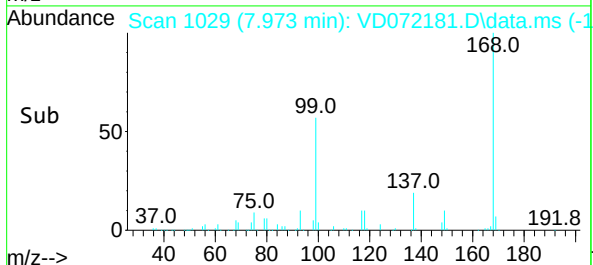
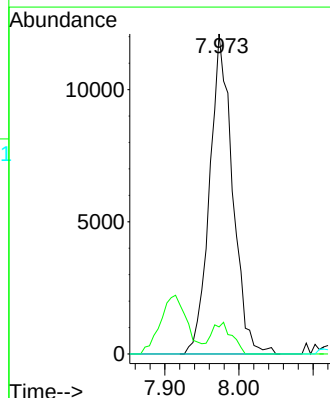
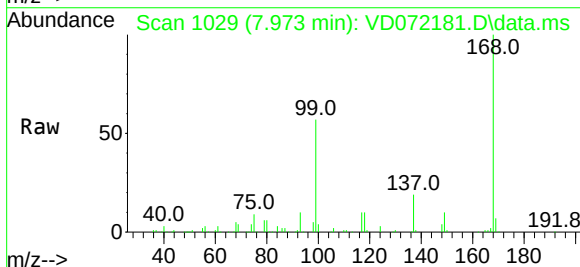
Tgt Ion: 75 Resp: 26088

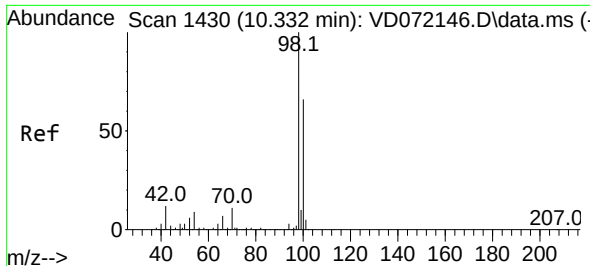
Ion Ratio Lower Upper

75 100

110 9.0 16.4 49.1#

77 0.0 24.2 36.2#

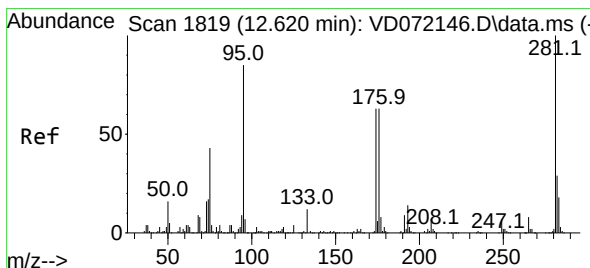
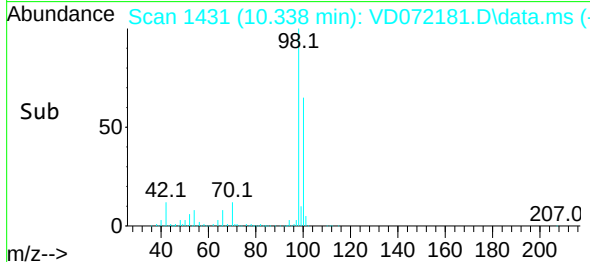
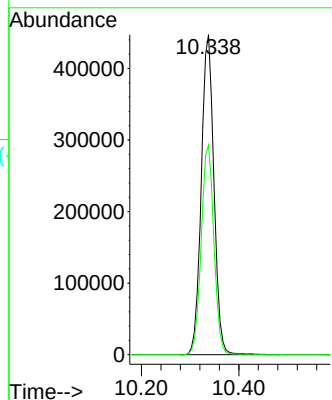
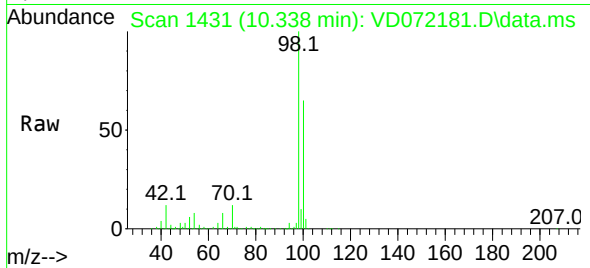




#50
Toluene-d8
Concen: 50.429 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072181.D
Acq: 15 Mar 2022 11:36

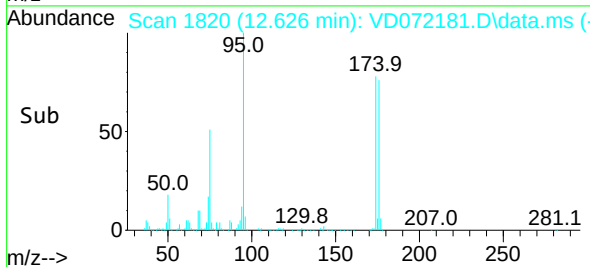
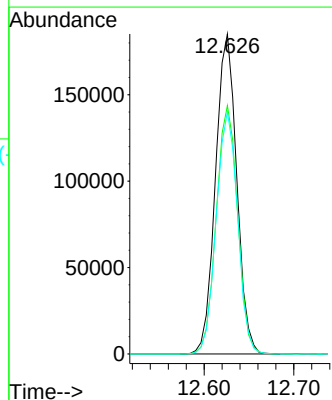
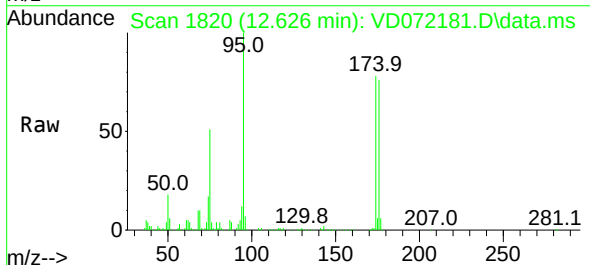
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBL01

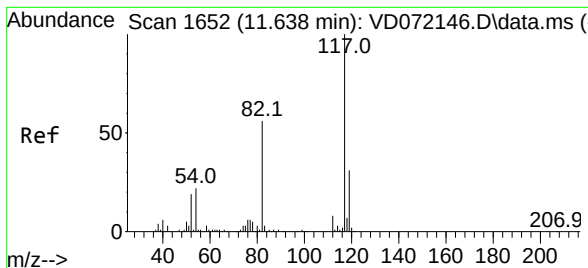
Tgt Ion: 98 Resp: 805171
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.918 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072181.D
Acq: 15 Mar 2022 11:36

Tgt Ion: 95 Resp: 303477
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 76.1 0.0 145.4

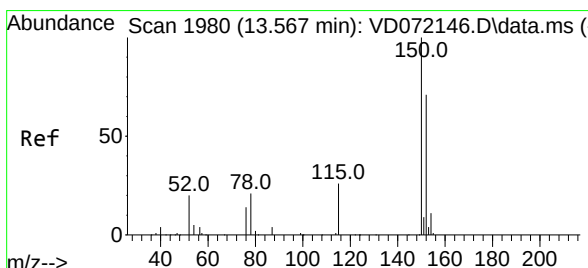
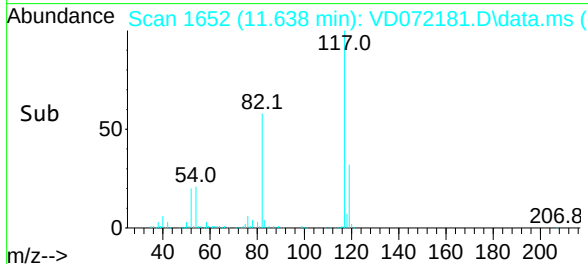
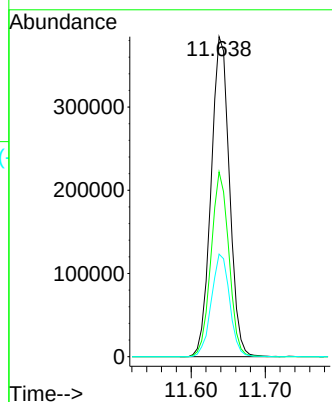
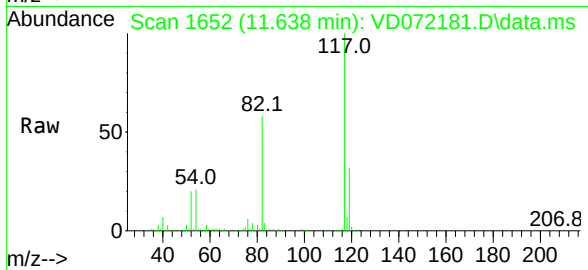




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11652
Delta R.T. 0.000 min
Lab File: VD072181.D
Acq: 15 Mar 2022 11:36

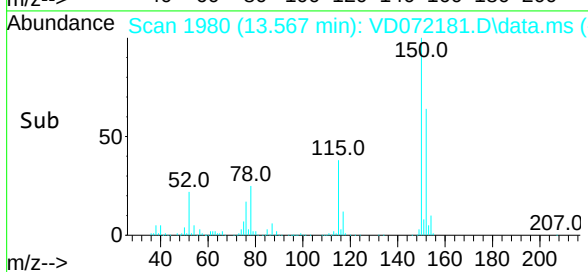
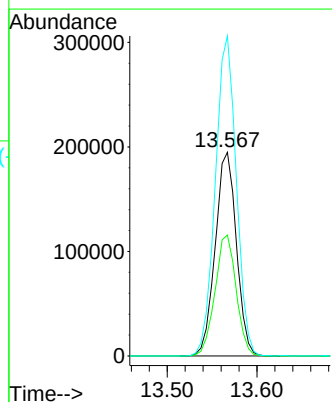
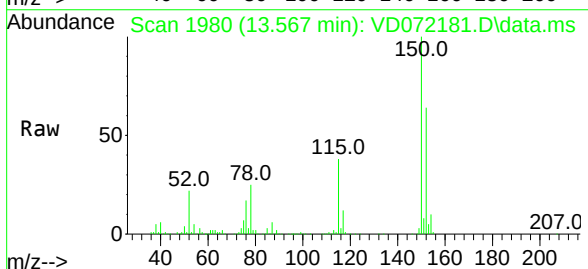
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBL01

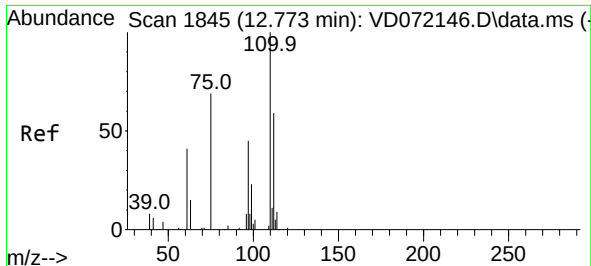
Tgt Ion:117 Resp: 661900
Ion Ratio Lower Upper
117 100
82 57.8 45.3 67.9
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072181.D
Acq: 15 Mar 2022 11:36

Tgt Ion:152 Resp: 319166
Ion Ratio Lower Upper
152 100
115 59.3 31.3 93.8
150 155.6 0.0 348.6

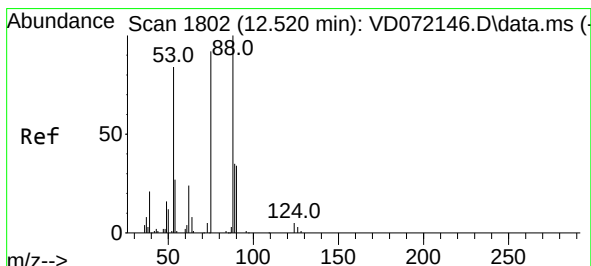
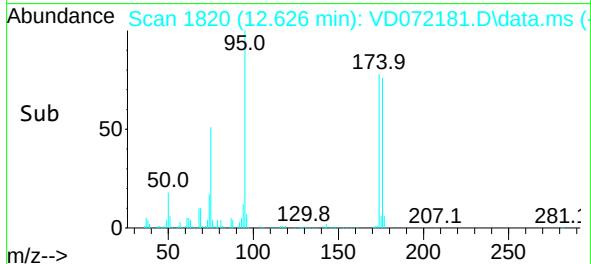
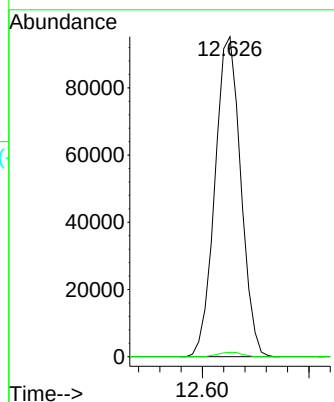
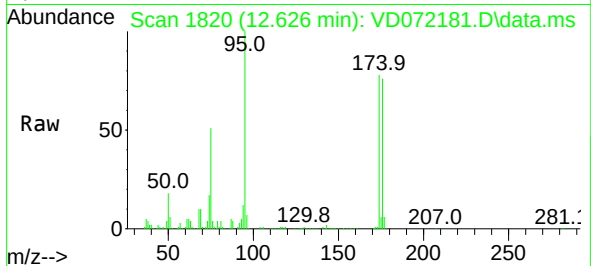




#76
1,2,3-Trichloropropane
Concen: 45.518 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072181.D
Acq: 15 Mar 2022 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBL01

Tgt Ion: 75 Resp: 160255
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.935 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072181.D
Acq: 15 Mar 2022 11:36

Tgt Ion: 75 Resp: 160255
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#

