

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072308.D
 Acq On : 19 Mar 2022 00:49
 Operator : VA/SY
 Sample : VD0318SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBL02

Quant Time: Mar 19 05:31:37 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)

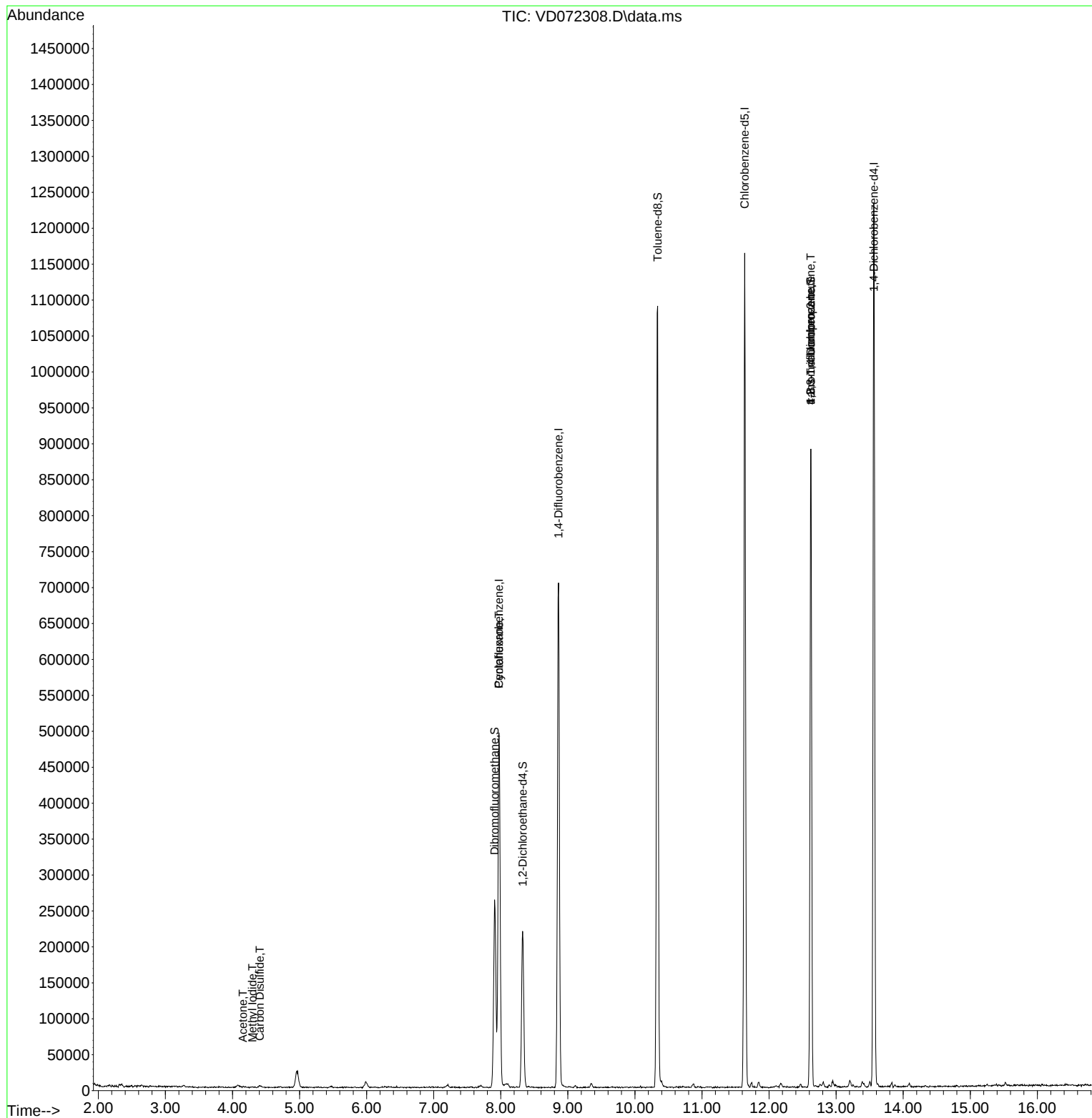
Internal Standards						
1) Pentafluorobenzene	7.973	168	355919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	601633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	633868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	323103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176518	44.502	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.000%		
35) Dibromofluoromethane	7.908	113	186489	44.048	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.100%		
50) Toluene-d8	10.338	98	739969	47.799	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.600%		
62) 4-Bromofluorobenzene	12.620	95	307365	51.099	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.200%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	1106	2.517	ug/l #	45
16) Acetone	4.156	43	1850	2.148	ug/l #	47
17) Carbon Disulfide	4.409	76	5376	2.184	ug/l	100
20) Methylene Chloride	4.950	84	18149	Below Cal	#	84
31) Cyclohexane	7.973	56	10573	1.706	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	158796	44.554	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	158796	110.543	ug/l #	7

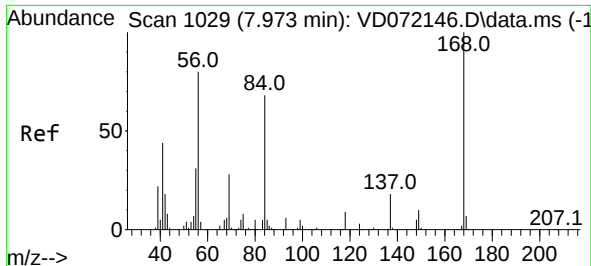
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 30 Sample Multiplier: 1

Instrument :
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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

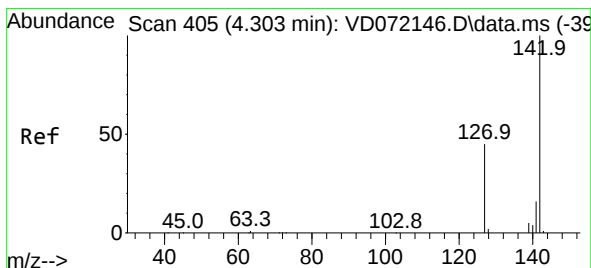
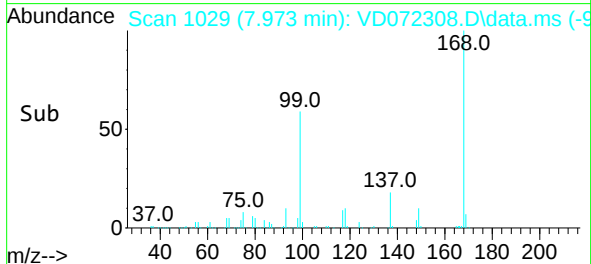
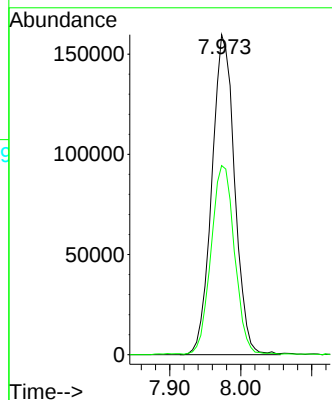
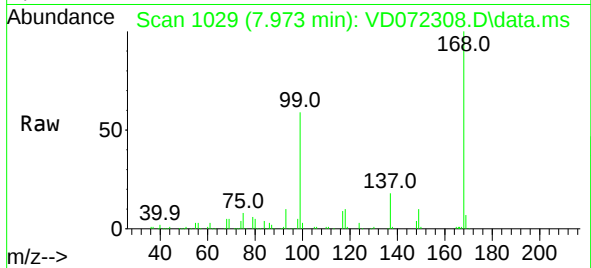




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072308.D
Acq: 19 Mar 2022 00:49

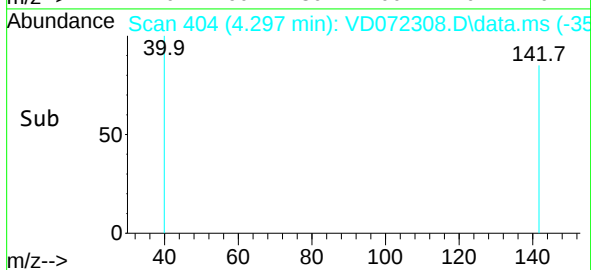
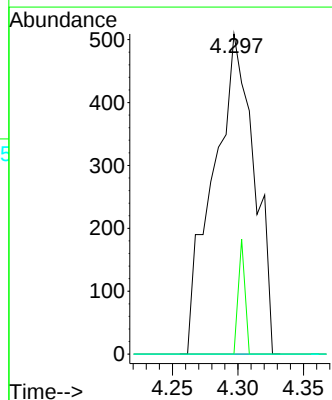
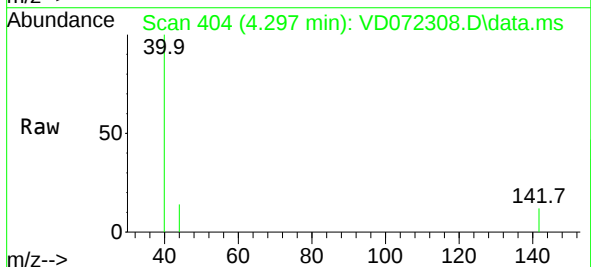
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL02

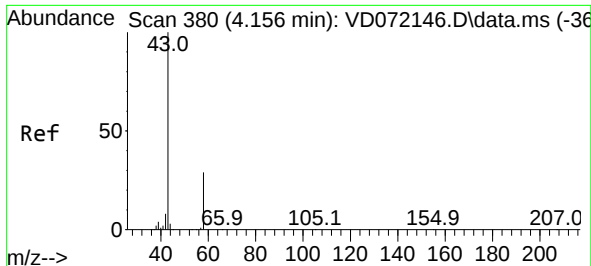
Tgt Ion:168 Resp: 355919
Ion Ratio Lower Upper
168 100
99 58.9 49.8 74.6



#10
Methyl Iodide
Concen: 2.517 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072308.D
Acq: 19 Mar 2022 00:49

Tgt Ion:142 Resp: 1106
Ion Ratio Lower Upper
142 100
127 5.9 37.3 55.9#
141 0.0 11.7 17.5#

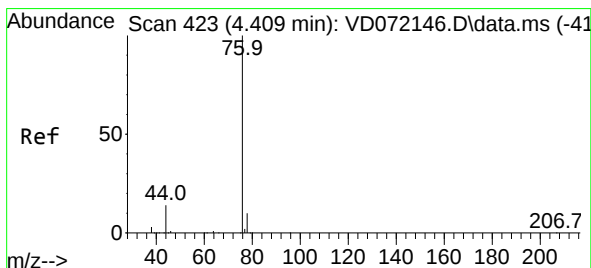
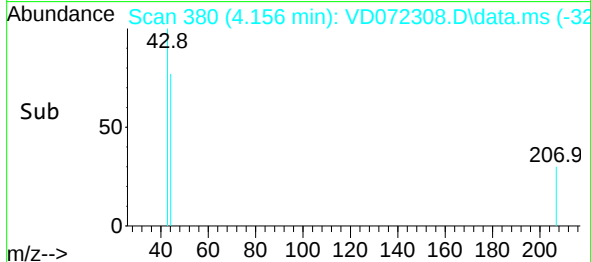
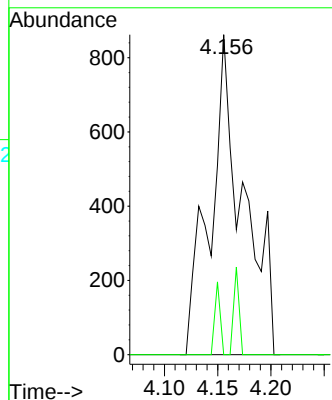
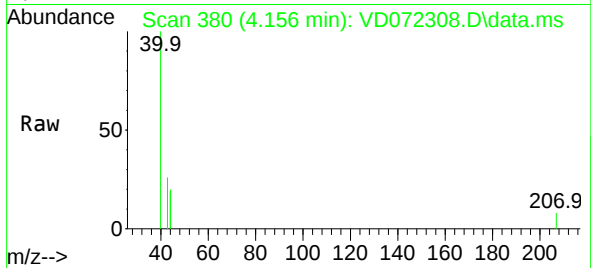




#16
Acetone
Concen: 2.148 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072308.D
Acq: 19 Mar 2022 00:49

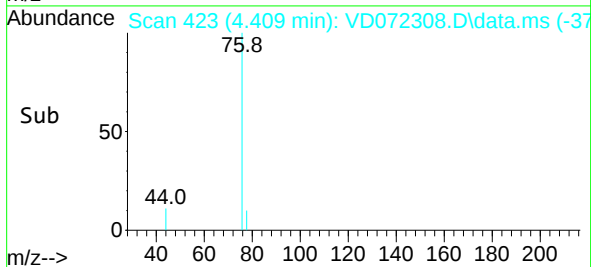
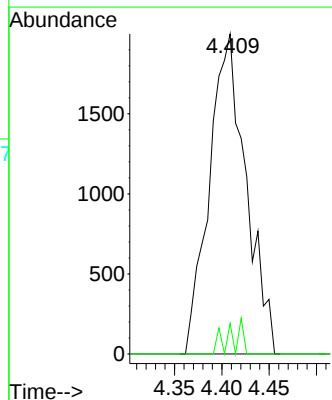
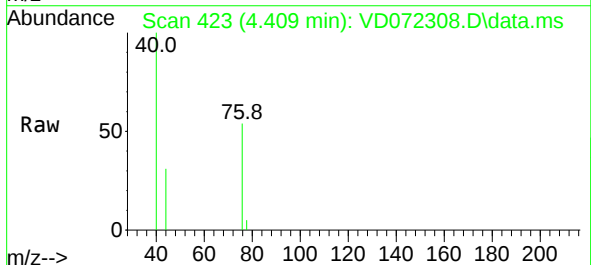
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL02

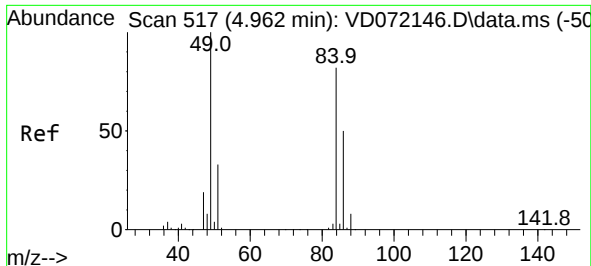
Tgt Ion: 43 Resp: 1850
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#17
Carbon Disulfide
Concen: 2.184 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072308.D
Acq: 19 Mar 2022 00:49

Tgt Ion: 76 Resp: 5376
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

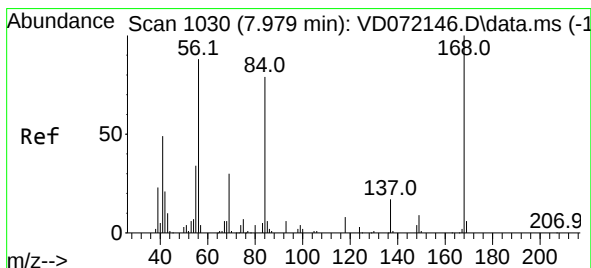
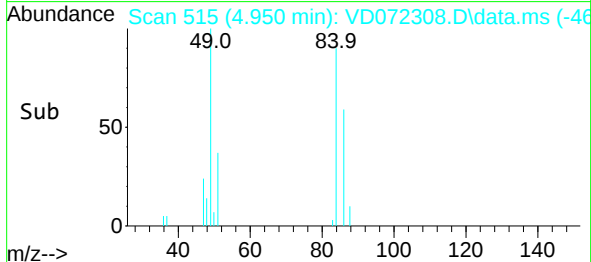
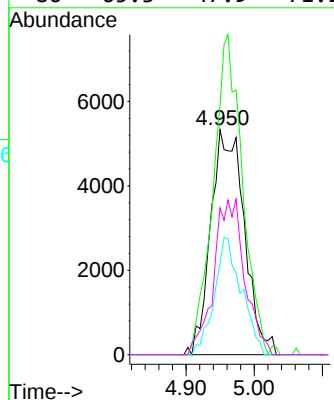
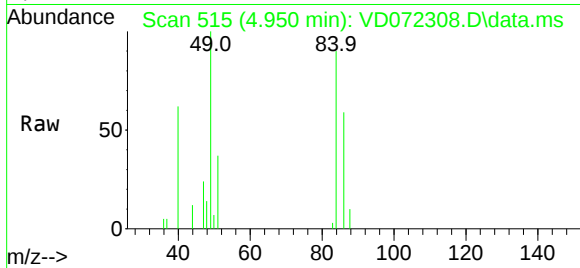




#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD072308.D
Acq: 19 Mar 2022 00:49

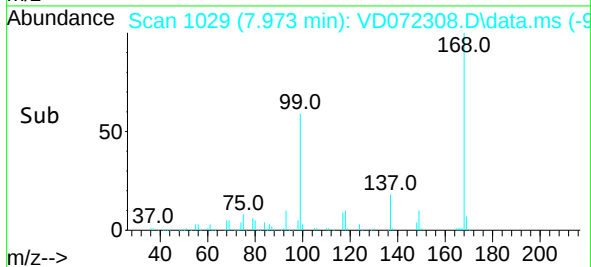
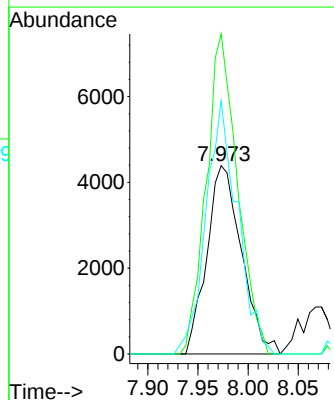
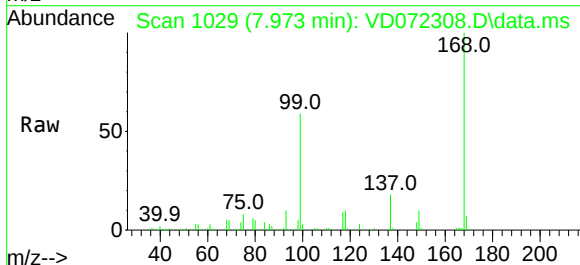
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL02

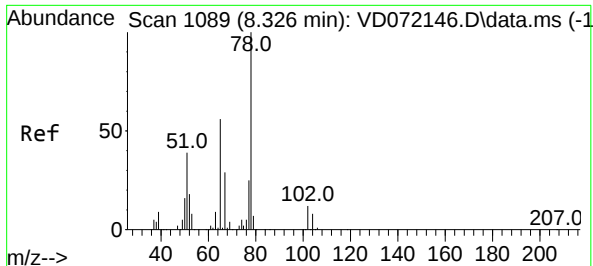
Tgt Ion:	84	Resp:	18149
Ion	Ratio	Lower	Upper
84	100		
49	110.5	112.8	169.2#
51	40.4	32.6	48.8
86	65.3	47.9	71.9



#31
Cyclohexane
Concen: 1.706 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072308.D
Acq: 19 Mar 2022 00:49

Tgt Ion:	56	Resp:	10573
Ion	Ratio	Lower	Upper
56	100		
69	169.9	25.4	38.2#
84	134.3	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 44.502 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072308.D

Acq: 19 Mar 2022 00:49

Instrument :

MSVOA_D

ClientSampleId :

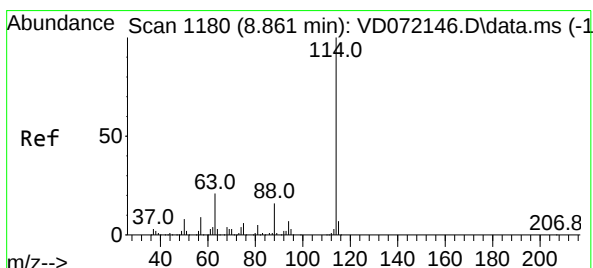
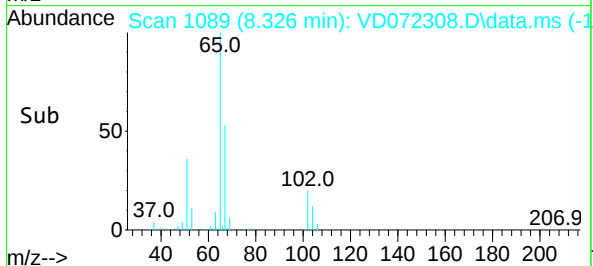
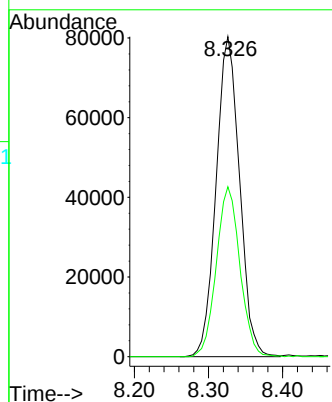
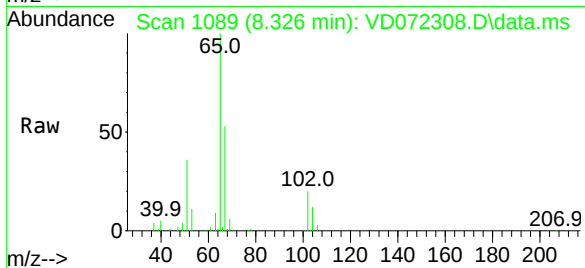
VD0318SBL02

Tgt Ion: 65 Resp: 176518

Ion Ratio Lower Upper

65 100

67 53.5 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: VD072308.D

Acq: 19 Mar 2022 00:49

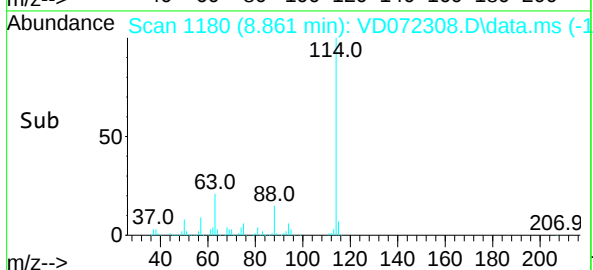
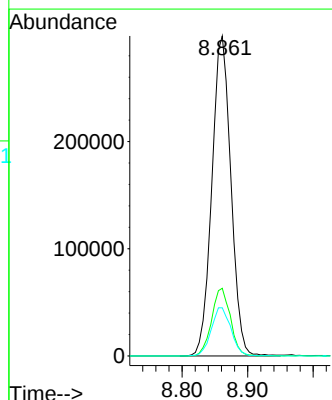
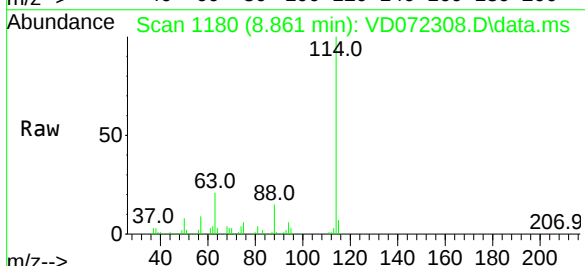
Tgt Ion: 114 Resp: 601633

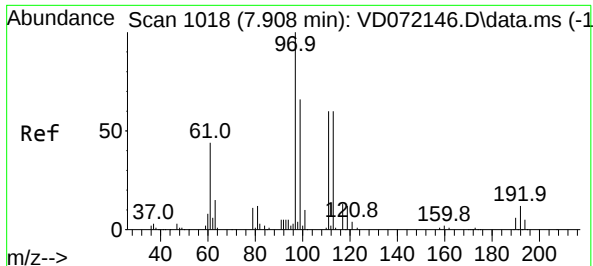
Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 44.048 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072308.D

Acq: 19 Mar 2022 00:49

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBL02

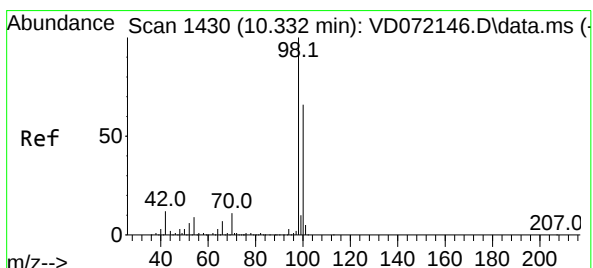
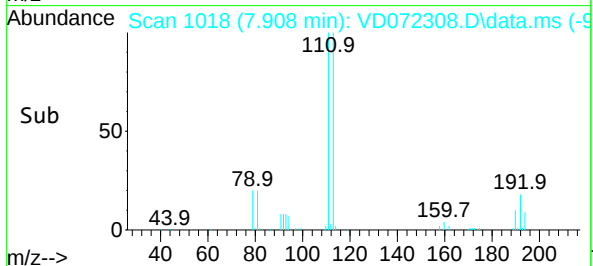
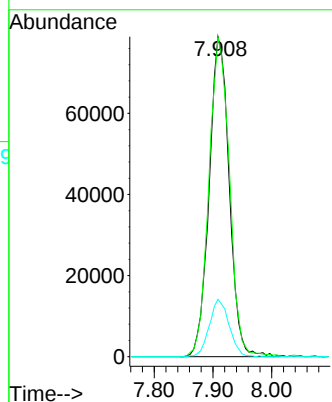
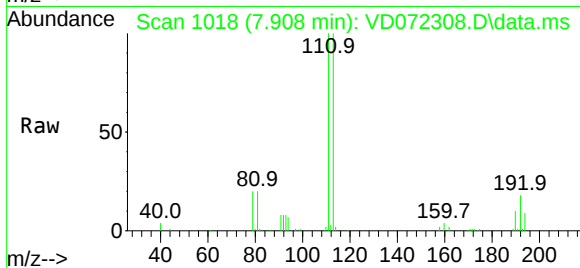
Tgt Ion:113 Resp: 186489

Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 17.7 14.6 21.8



#50

Toluene-d8

Concen: 47.799 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD072308.D

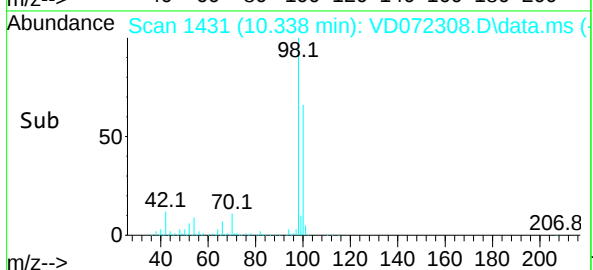
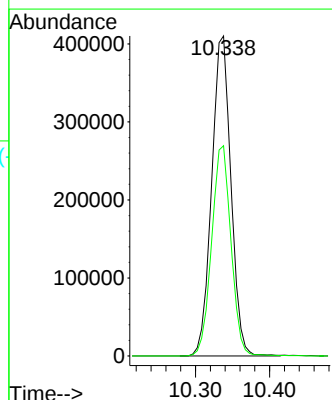
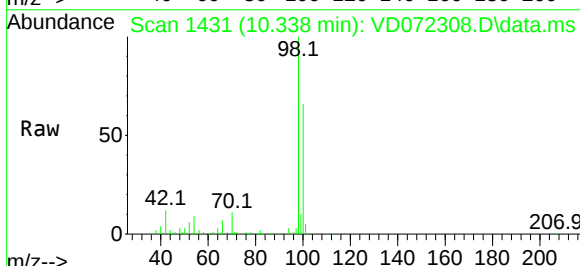
Acq: 19 Mar 2022 00:49

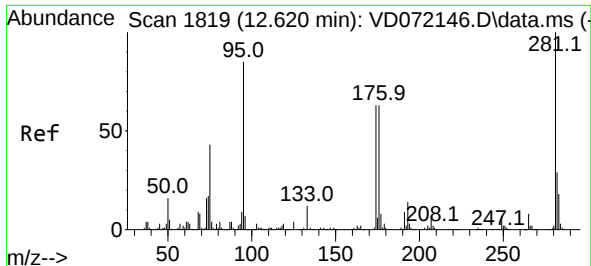
Tgt Ion: 98 Resp: 739969

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6

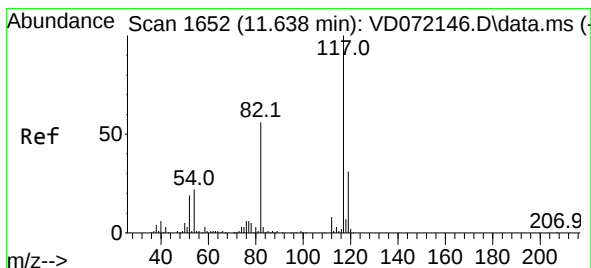
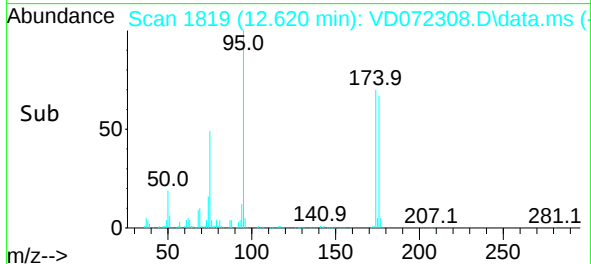
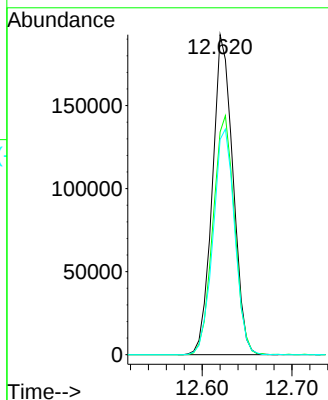
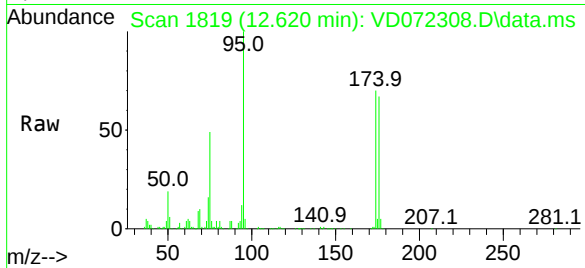




#62
4-Bromofluorobenzene
Concen: 51.099 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072308.D
Acq: 19 Mar 2022 00:49

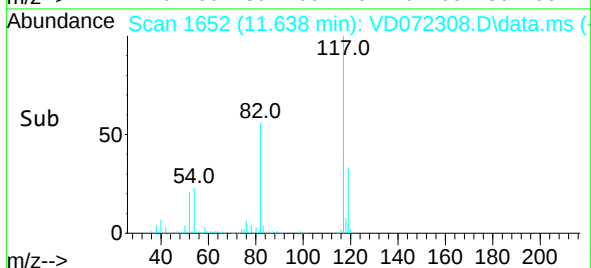
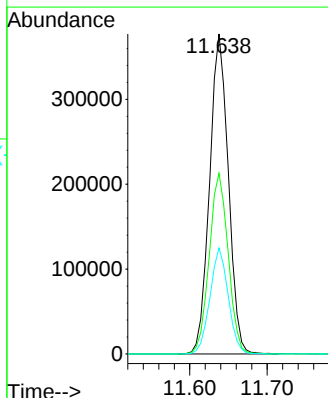
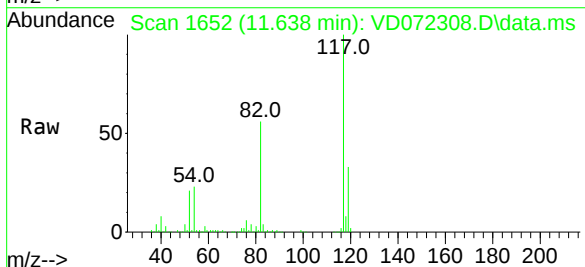
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL02

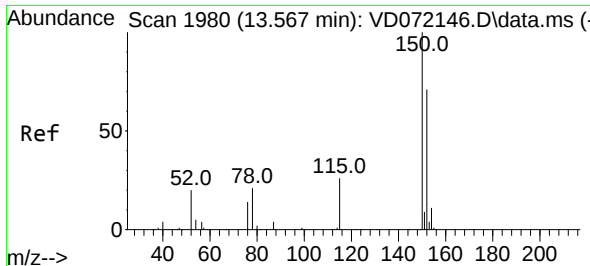
Tgt Ion: 95 Resp: 307365
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 73.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072308.D
Acq: 19 Mar 2022 00:49

Tgt Ion: 117 Resp: 633868
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 33.2 26.6 40.0

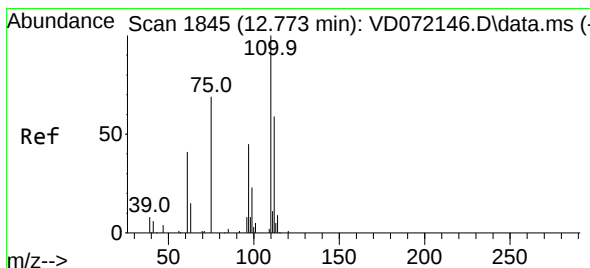
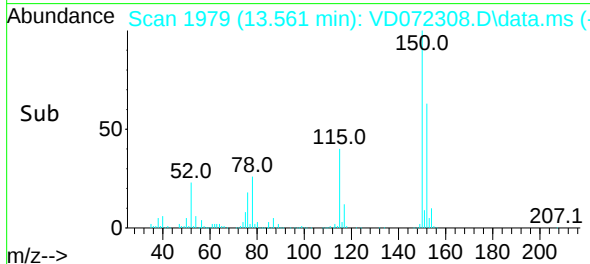
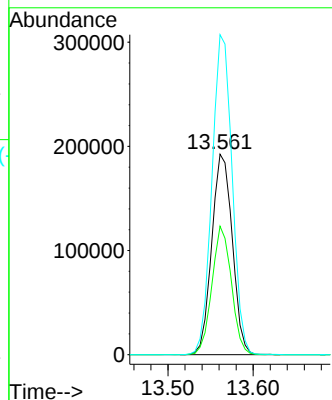
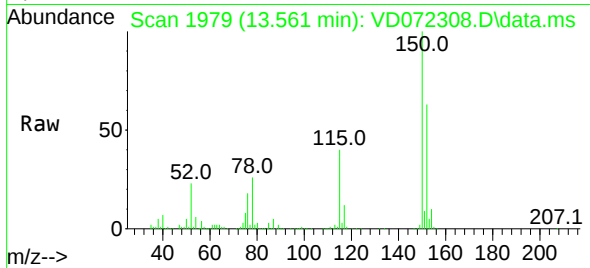




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: VD072308.D
 Acq: 19 Mar 2022 00:49

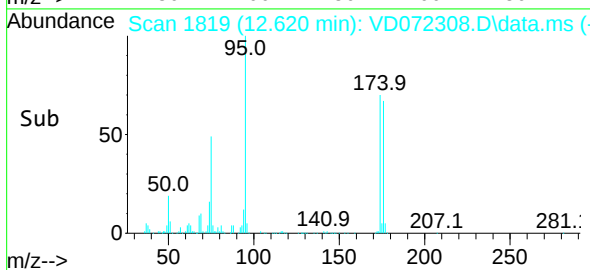
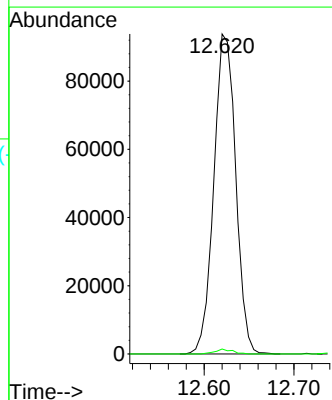
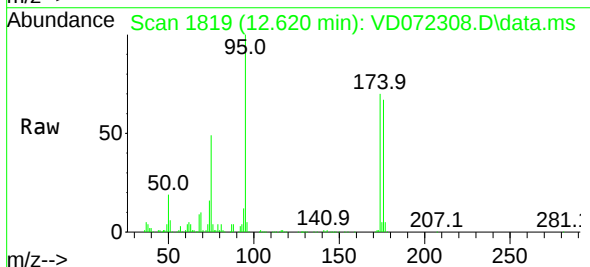
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBL02

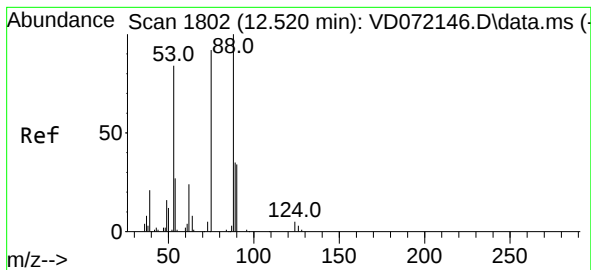
Tgt Ion:152 Resp: 323103
 Ion Ratio Lower Upper
 152 100
 115 60.6 31.3 93.8
 150 156.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 44.554 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD072308.D
 Acq: 19 Mar 2022 00:49

Tgt Ion: 75 Resp: 158796
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.543 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD072308.D
 Acq: 19 Mar 2022 00:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBL02

Tgt Ion: 75 Resp: 158796
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

