

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072355.D
 Acq On : 22 Mar 2022 10:50
 Operator : VA/SY
 Sample : VD0322SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBL01

Quant Time: Mar 23 01:10:22 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)

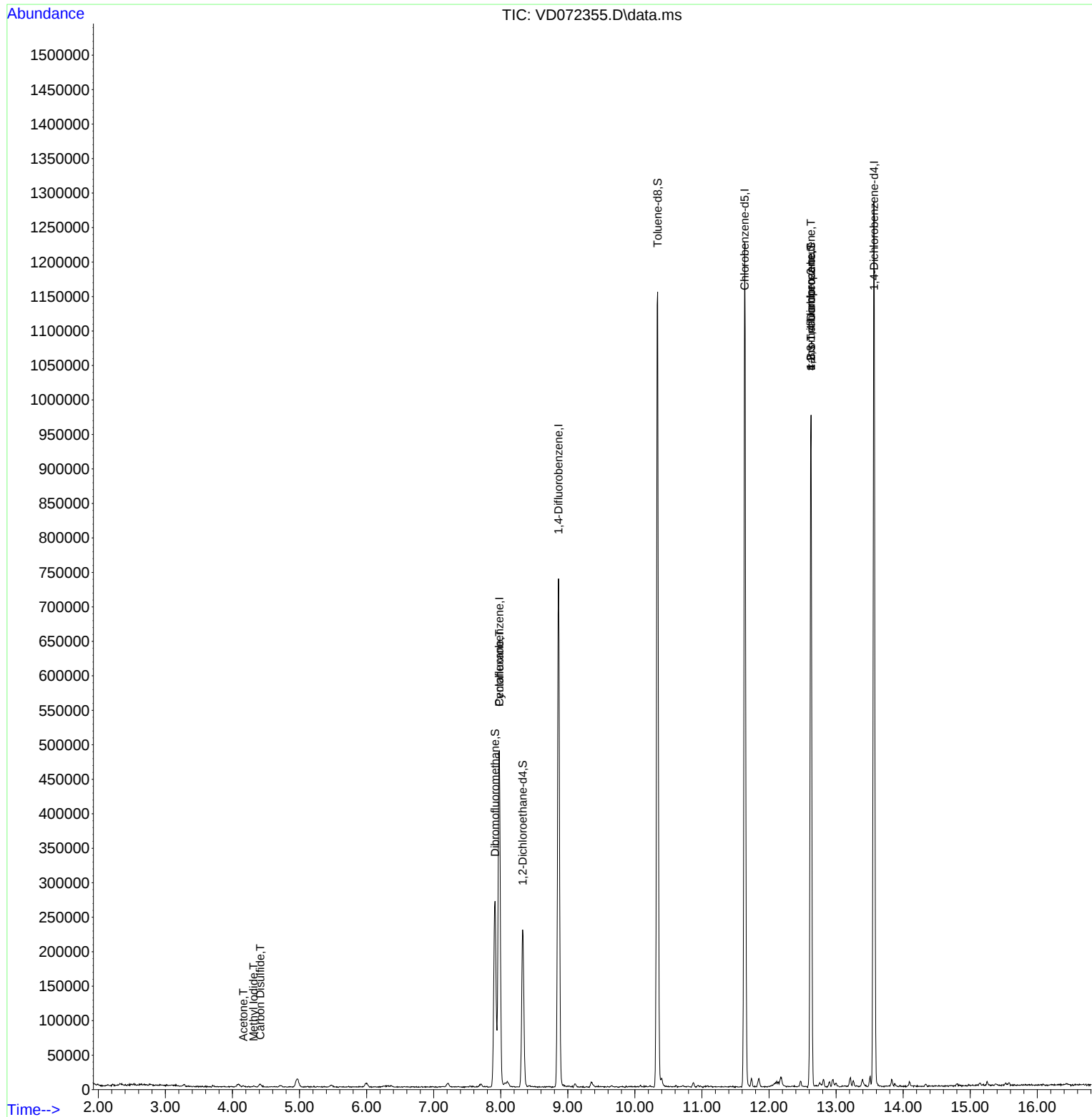
Internal Standards						
1) Pentafluorobenzene	7.979	168	356966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	675985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	343006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	185045	46.515	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.020%		
35) Dibromofluoromethane	7.914	113	196325	44.914	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.820%		
50) Toluene-d8	10.338	98	783018	48.991	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.980%		
62) 4-Bromofluorobenzene	12.626	95	333038	53.627	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.260%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.315	142	770	2.428	ug/l #	64
16) Acetone	4.162	43	2596	3.006	ug/l #	79
17) Carbon Disulfide	4.415	76	7379	2.436	ug/l #	93
20) Methylene Chloride	4.962	84	9237	Below Cal	#	74
31) Cyclohexane	7.979	56	10840	1.744	ug/l #	30
76) 1,2,3-Trichloropropane	12.626	75	170573	45.081	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	170573	111.852	ug/l #	7

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

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Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01

Quant Time: Mar 23 01:10:22 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

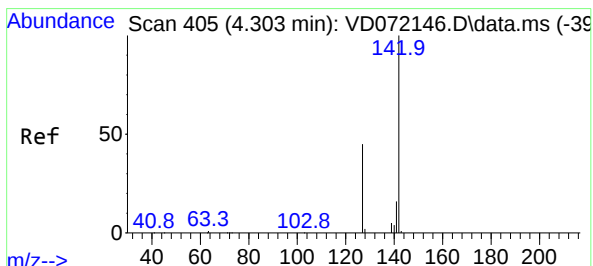
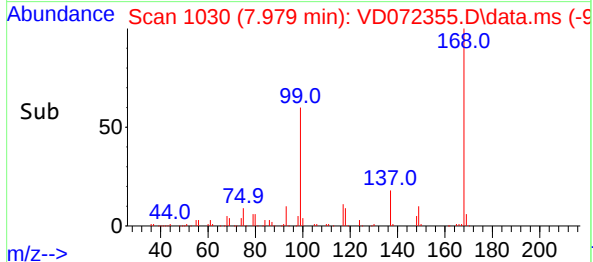
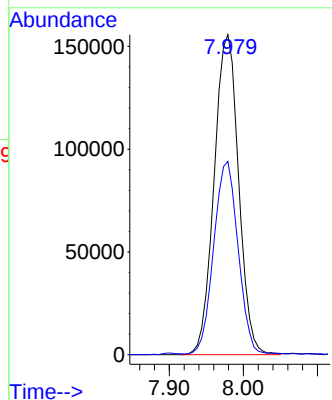
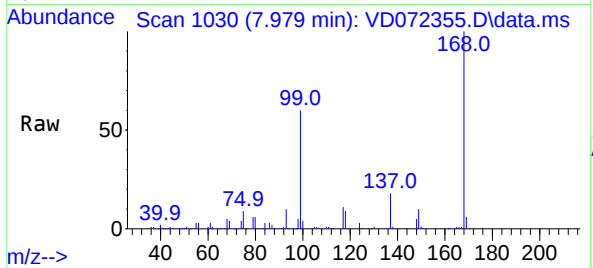




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

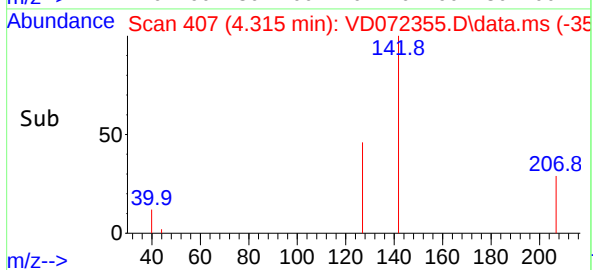
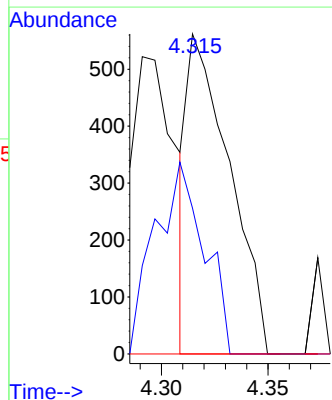
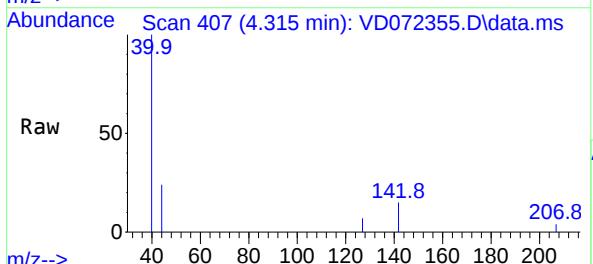
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01

Tgt Ion:168 Resp: 356966
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#10
Methyl Iodide
Concen: 2.428 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

Tgt Ion:142 Resp: 770
Ion Ratio Lower Upper
142 100
127 70.4 37.3 55.9#
141 0.0 11.7 17.5#

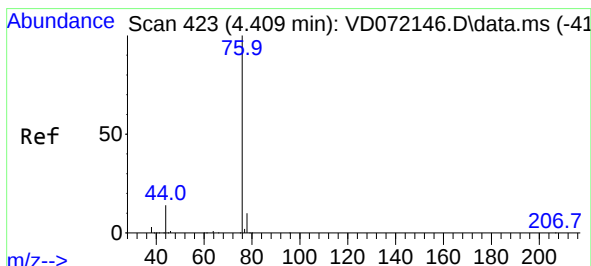
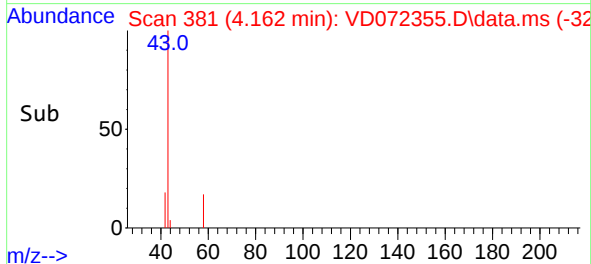
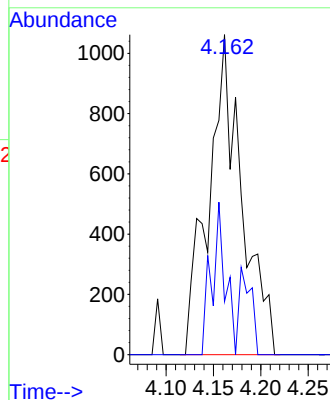
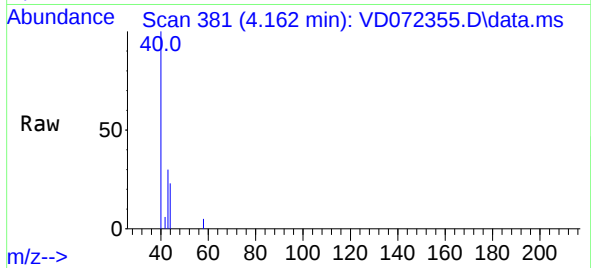




#16
Acetone
Concen: 3.006 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

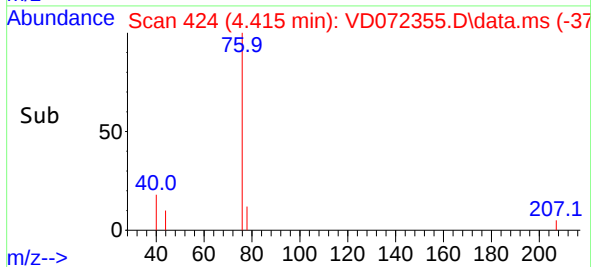
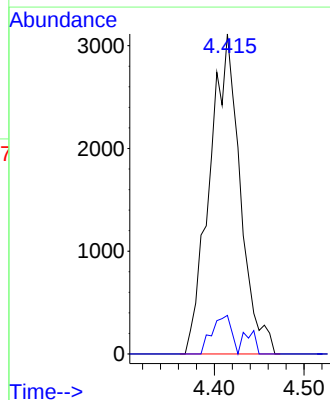
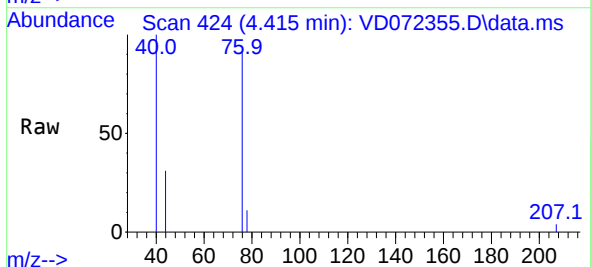
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01

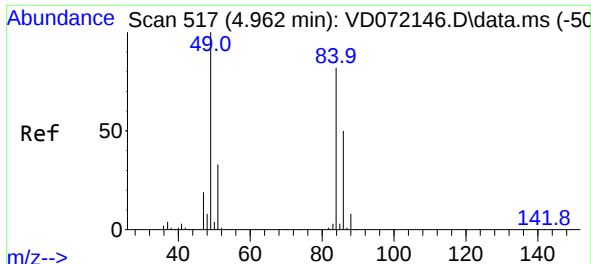
Tgt Ion: 43 Resp: 2596
Ion Ratio Lower Upper
43 100
58 16.6 22.1 33.1#



#17
Carbon Disulfide
Concen: 2.436 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

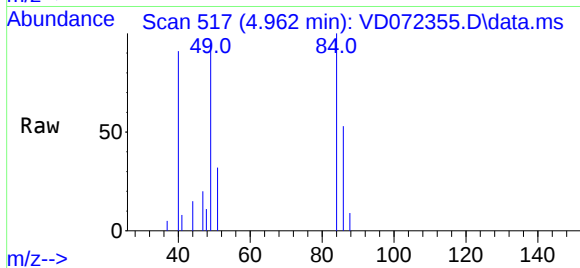
Tgt Ion: 76 Resp: 7379
Ion Ratio Lower Upper
76 100
78 12.1 7.5 11.3#





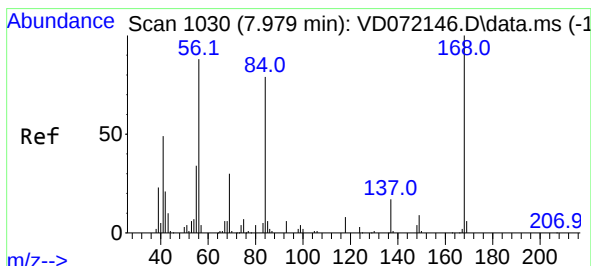
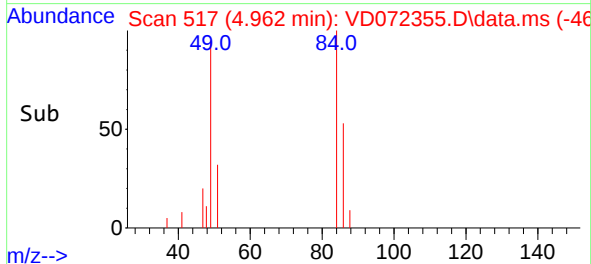
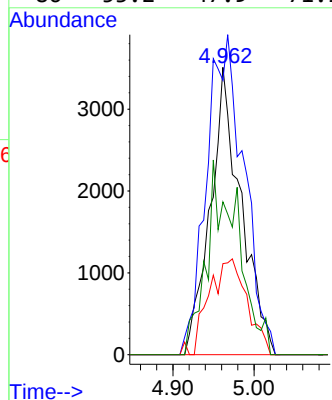
#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01



Tgt Ion: 84 Resp: 9237

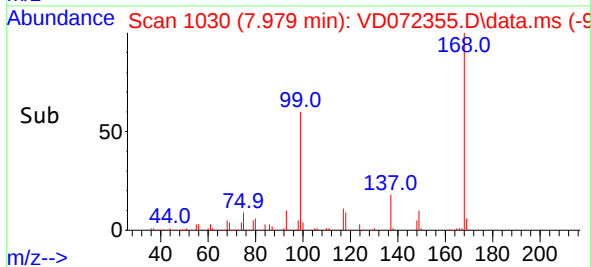
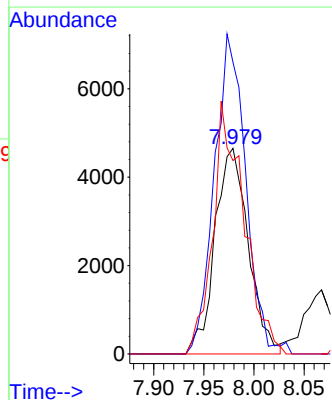
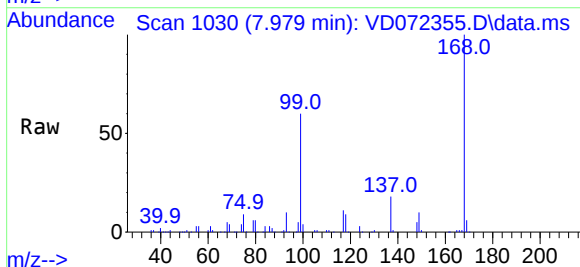
Ion	Ratio	Lower	Upper
84	100		
49	95.5	112.8	169.2#
51	31.7	32.6	48.8#
86	53.2	47.9	71.9

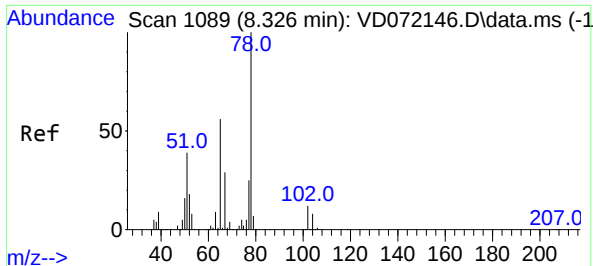


#31
Cyclohexane
Concen: 1.744 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

Tgt Ion: 56 Resp: 10840

Ion	Ratio	Lower	Upper
56	100		
69	141.9	25.4	38.2#
84	94.1	63.0	94.4





#33

1,2-Dichloroethane-d4

Concen: 46.515 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072355.D

Acq: 22 Mar 2022 10:50

Instrument :

MSVOA_D

ClientSampleId :

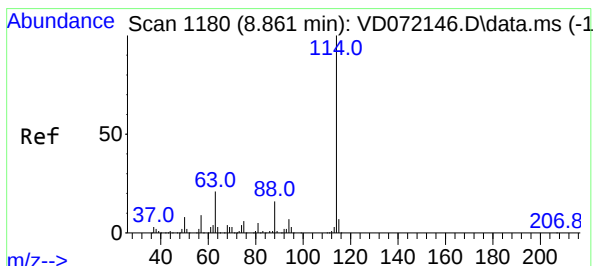
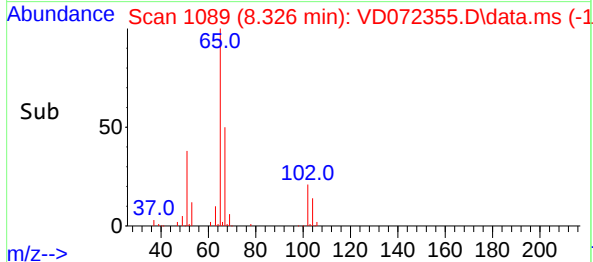
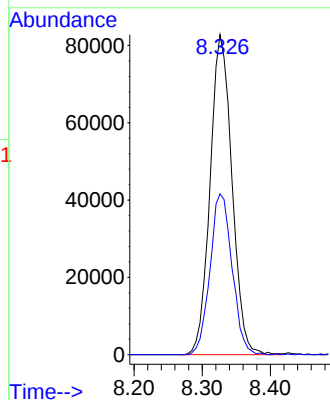
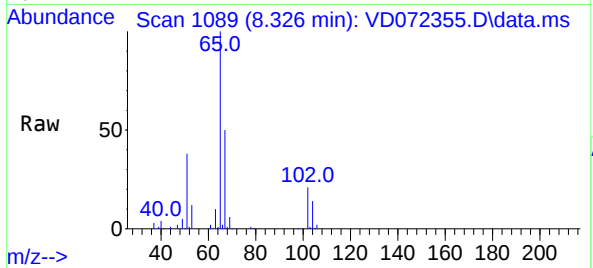
VD0322SBL01

Tgt Ion: 65 Resp: 185045

Ion Ratio Lower Upper

65 100

67 50.7 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: VD072355.D

Acq: 22 Mar 2022 10:50

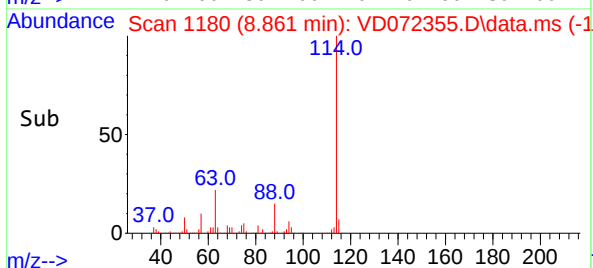
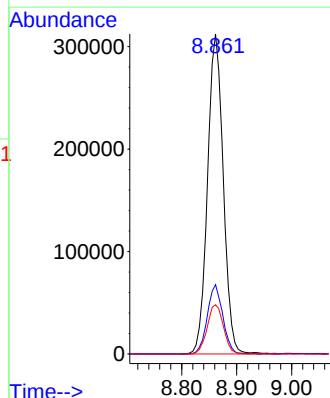
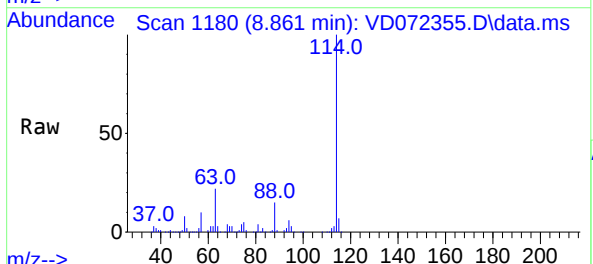
Tgt Ion: 114 Resp: 621153

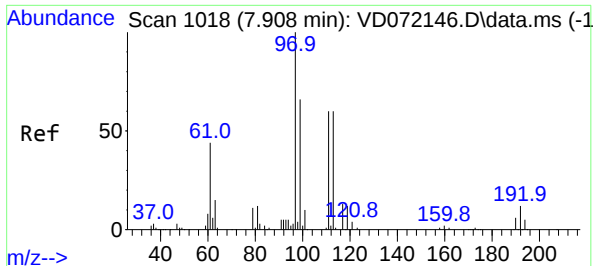
Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 15.4 0.0 33.2

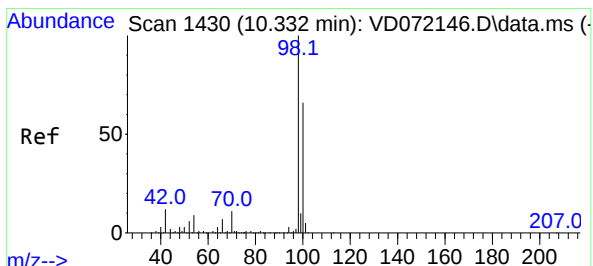
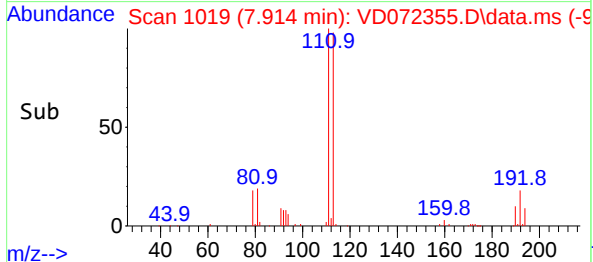
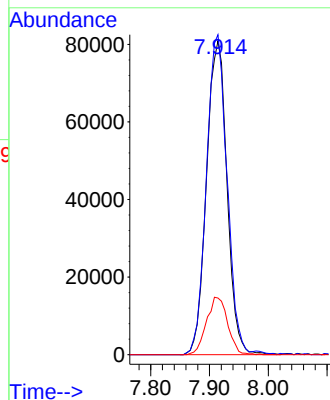
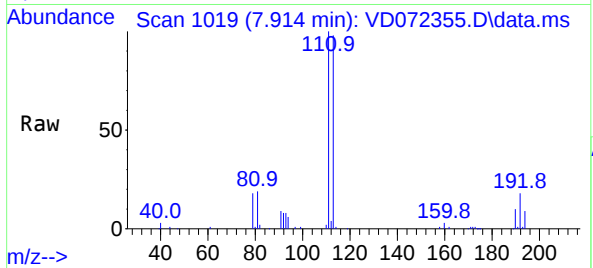




#35
Dibromofluoromethane
Concen: 44.914 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

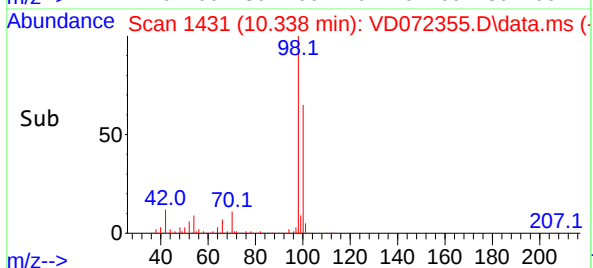
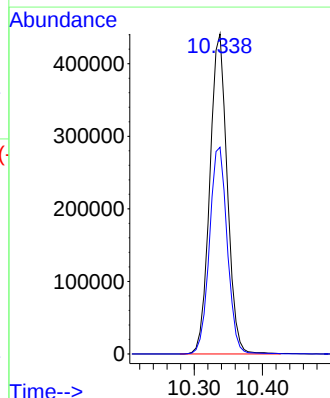
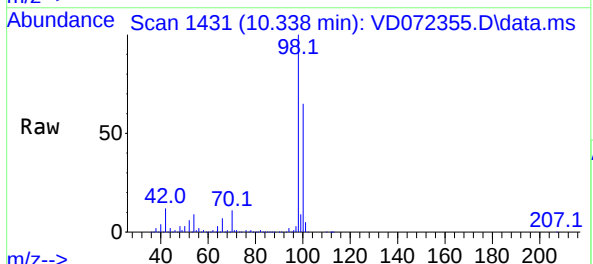
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01

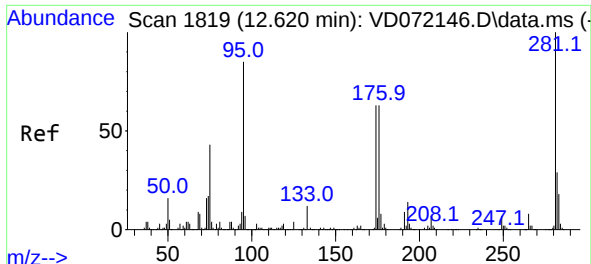
Tgt Ion:113 Resp: 196325
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 18.9 14.6 21.8



#50
Toluene-d8
Concen: 48.991 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

Tgt Ion: 98 Resp: 783018
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6

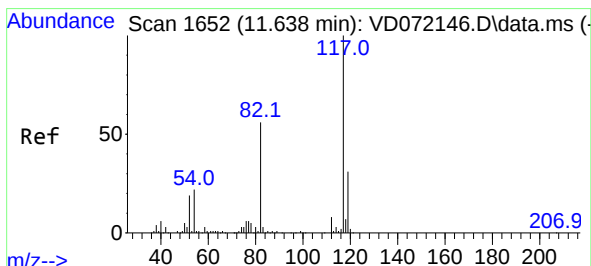
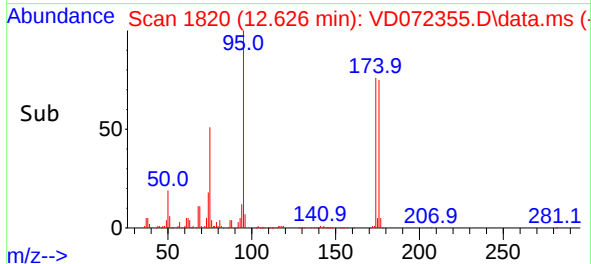
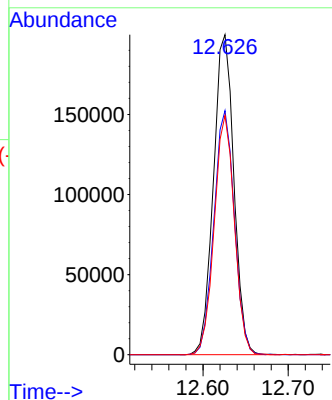
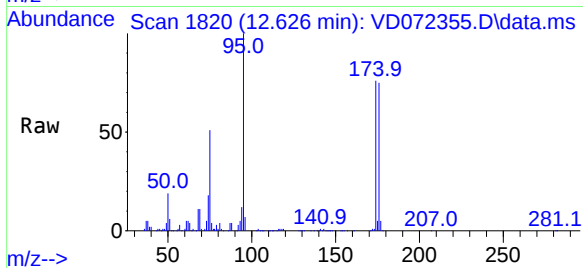




#62
4-Bromofluorobenzene
Concen: 53.627 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

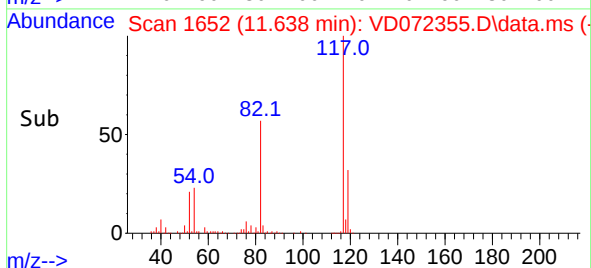
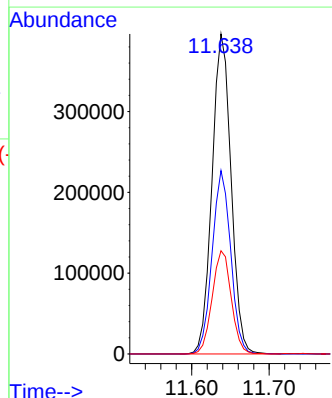
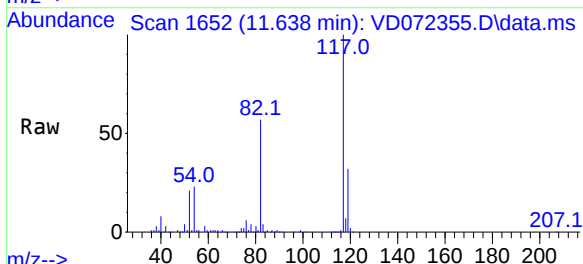
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01

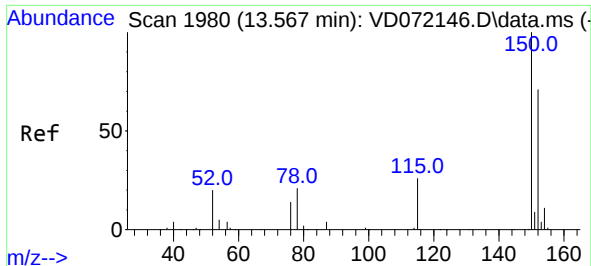
Tgt Ion: 95 Resp: 333038
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 73.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

Tgt Ion: 117 Resp: 675985
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 32.2 26.6 40.0

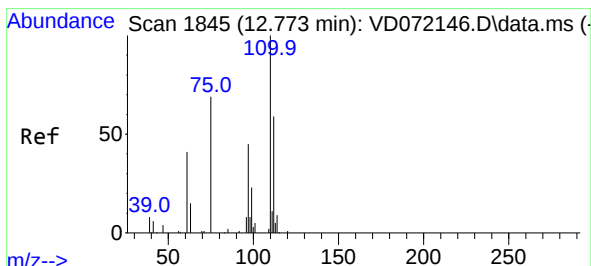
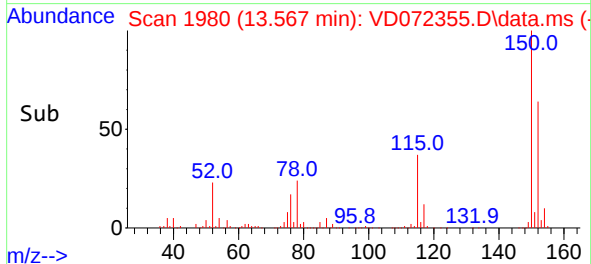
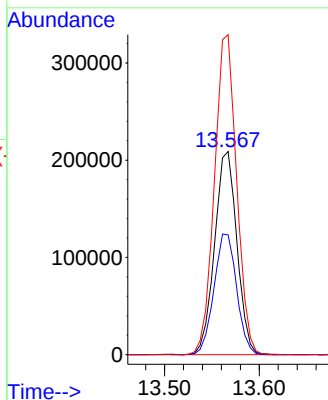
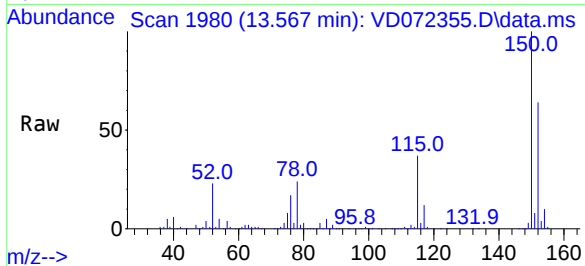




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

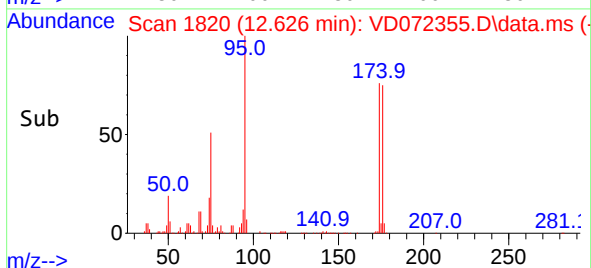
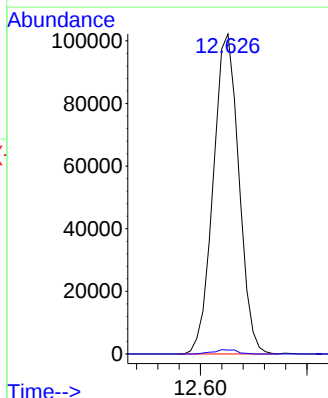
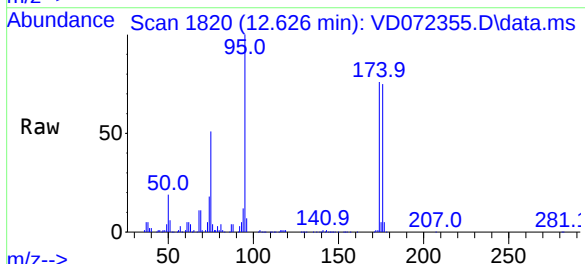
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01

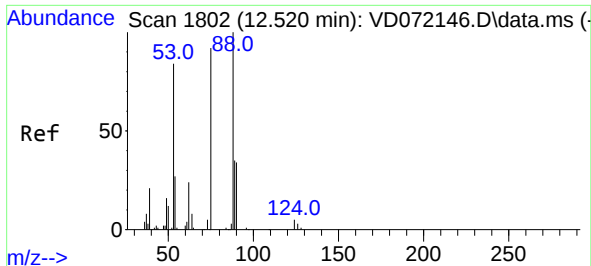
Tgt Ion:152 Resp: 343006
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 156.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 45.081 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

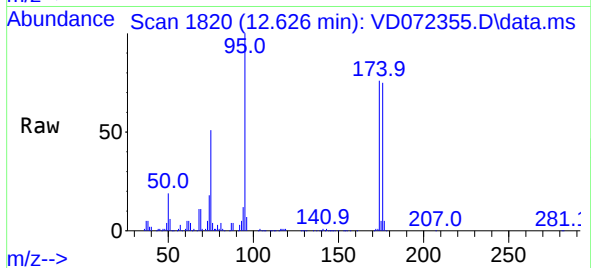
Tgt Ion: 75 Resp: 170573
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 111.852 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072355.D
Acq: 22 Mar 2022 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01



Tgt Ion: 75 Resp: 170573
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#

