

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072384.D
 Acq On : 23 Mar 2022 15:20
 Operator : VA/SY
 Sample : N2063-04
 Misc : 6.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 24 00:52:41 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)

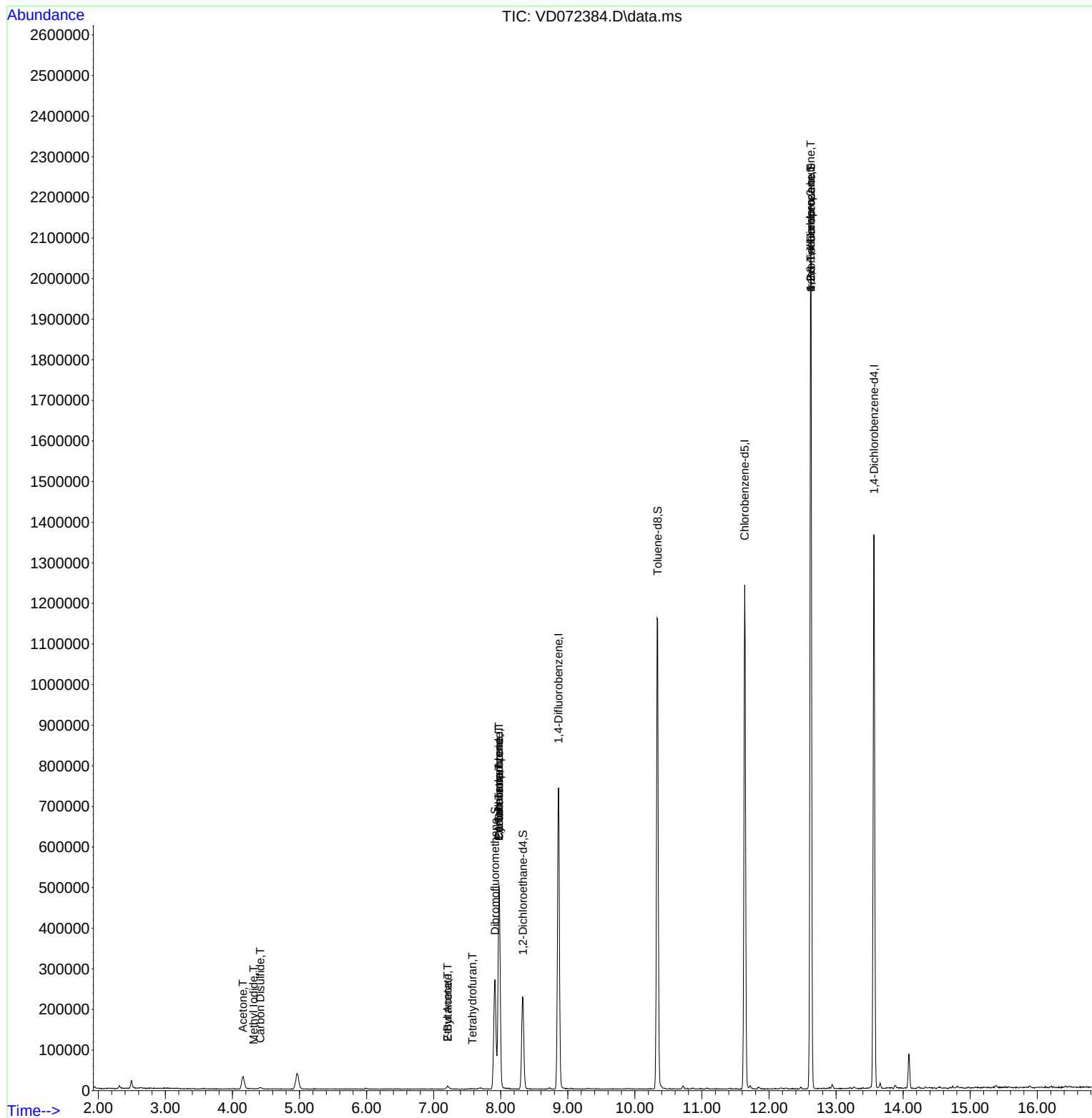
Internal Standards						
1) Pentafluorobenzene	7.973	168	364627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	698902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	358764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	186539	45.905	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.820%		
35) Dibromofluoromethane	7.914	113	194290	44.427	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.860%		
50) Toluene-d8	10.338	98	783029	48.967	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.940%		
62) 4-Bromofluorobenzene	12.626	95	368573	59.319	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	118.640%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.315	142	851	2.445	ug/l #	49
16) Acetone	4.156	43	57765	65.472	ug/l	97
17) Carbon Disulfide	4.415	76	9151	2.636	ug/l	97
25) 2-Butanone	7.208	43	9390	7.982	ug/l	93
29) Tetrahydrofuran	7.579	42	973	1.407	ug/l #	53
31) Cyclohexane	7.973	56	8530	1.344	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	31332	5.107	ug/l #	53
37) Ethyl Acetate	7.208	43	9390	3.494	ug/l #	72
38) Carbon Tetrachloride	7.973	117	39391	5.648	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	203228	51.353	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	203228	127.412	ug/l #	8

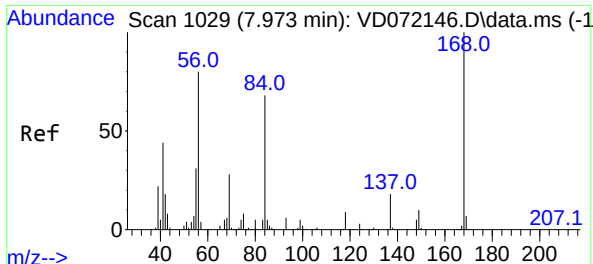
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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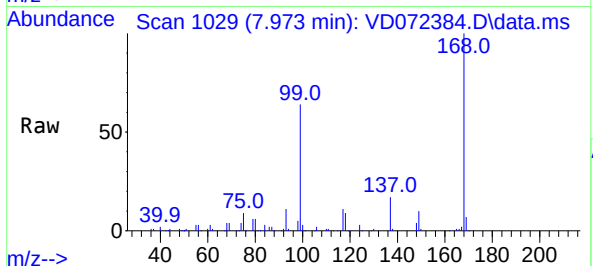
Quant Time: Mar 24 00:52:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
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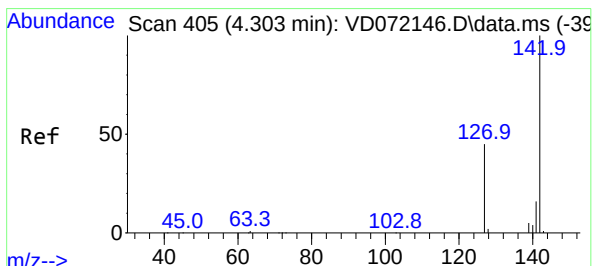
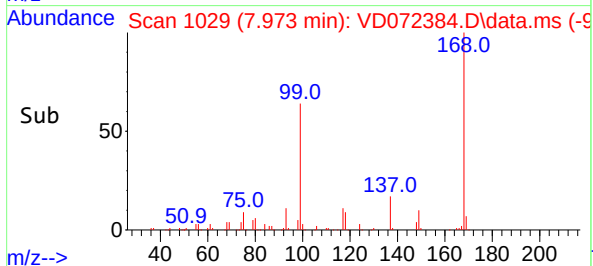
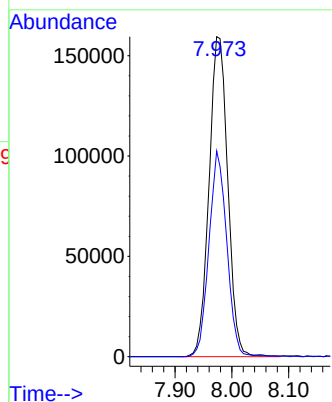


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

Instrument :
MSVOA_D
ClientSampleId :

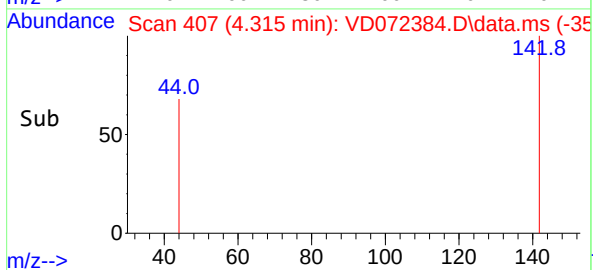
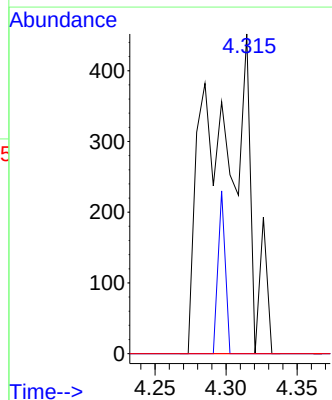
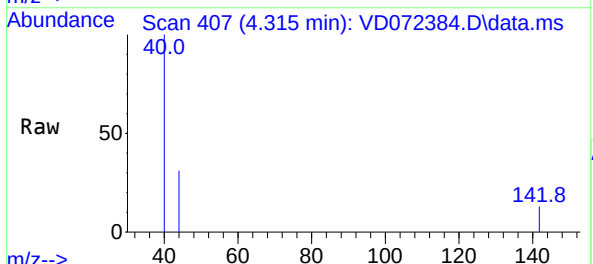


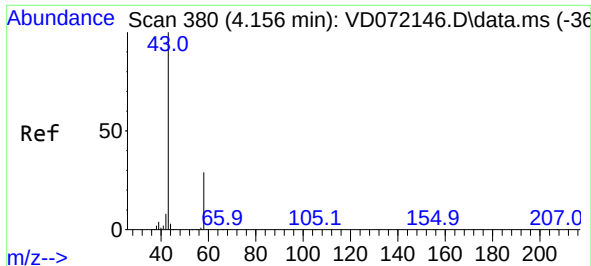
Tgt Ion:168 Resp: 364627
Ion Ratio Lower Upper
168 100
99 64.3 49.8 74.6



#10
Methyl Iodide
Concen: 2.445 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

Tgt Ion:142 Resp: 851
Ion Ratio Lower Upper
142 100
127 9.5 37.3 55.9#
141 0.0 11.7 17.5#

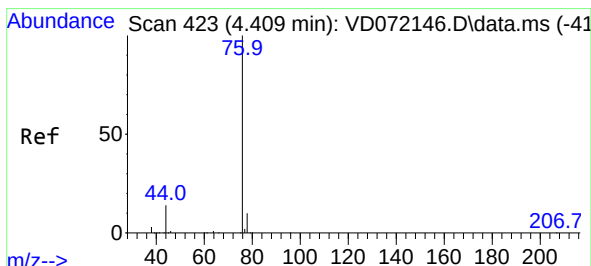
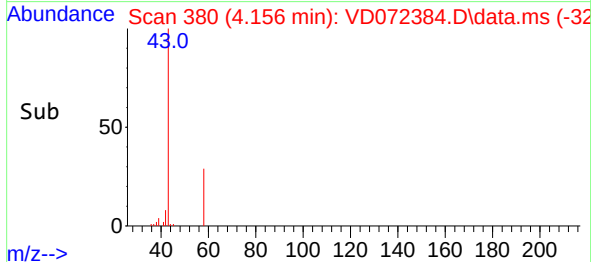
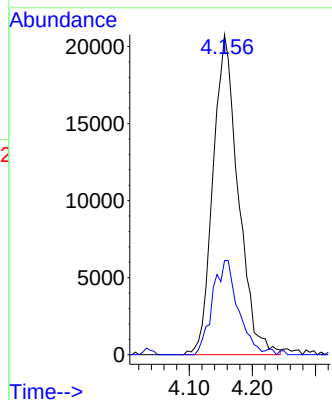
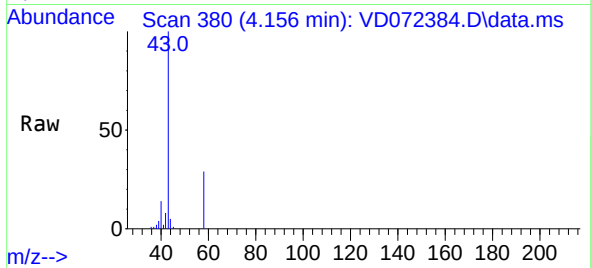




#16
Acetone
Concen: 65.472 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

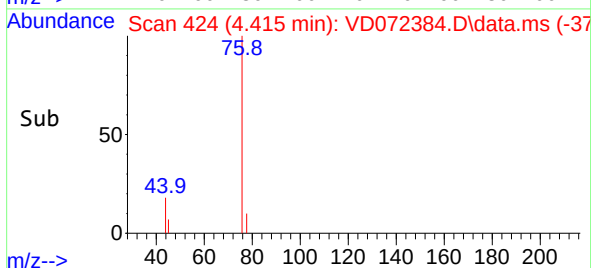
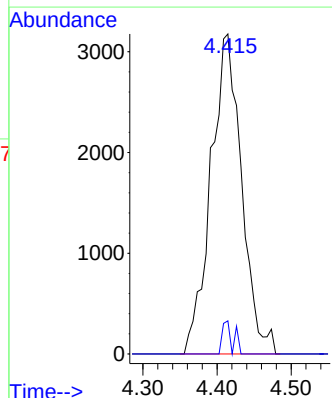
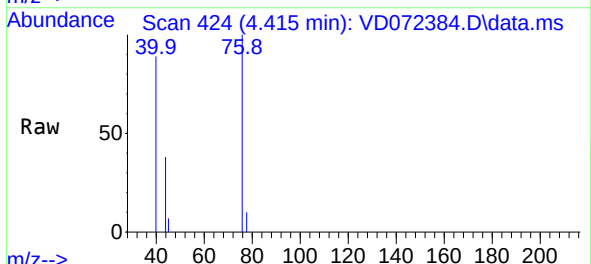
Instrument :
MSVOA_D
ClientSampleId :

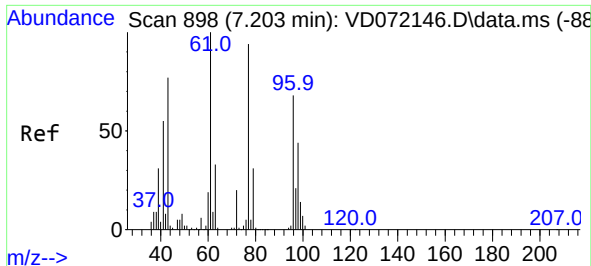
Tgt Ion: 43 Resp: 57765
Ion Ratio Lower Upper
43 100
58 29.4 22.1 33.1



#17
Carbon Disulfide
Concen: 2.636 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

Tgt Ion: 76 Resp: 9151
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3





#25

2-Butanone

Concen: 7.982 ug/l

RT: 7.208 min Scan# 89

Delta R.T. 0.006 min

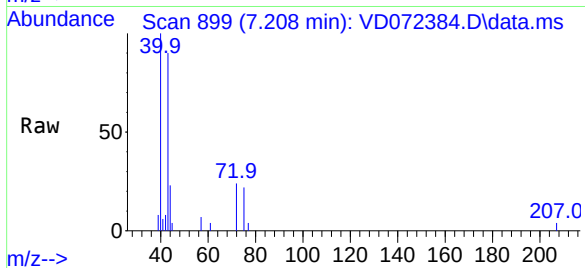
Lab File: VD072384.D

Acq: 23 Mar 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

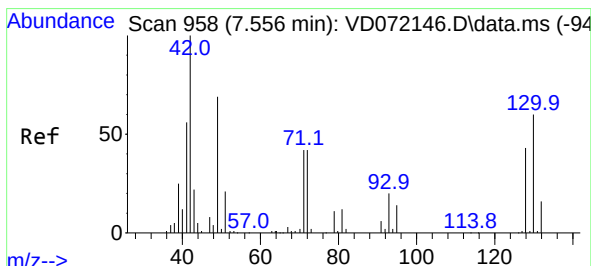
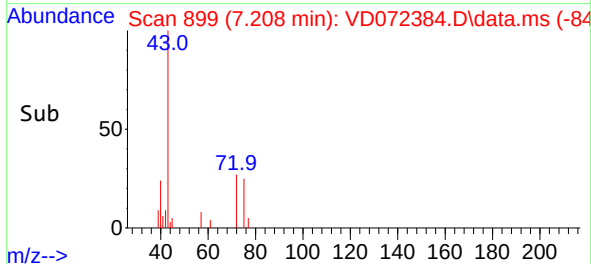
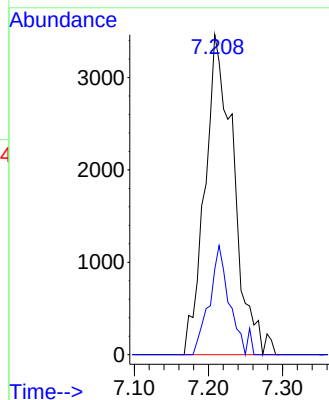


Tgt Ion: 43 Resp: 9390

Ion Ratio Lower Upper

43 100

72 26.7 18.6 27.8



#29

Tetrahydrofuran

Concen: 1.407 ug/l

RT: 7.579 min Scan# 962

Delta R.T. 0.024 min

Lab File: VD072384.D

Acq: 23 Mar 2022 15:20

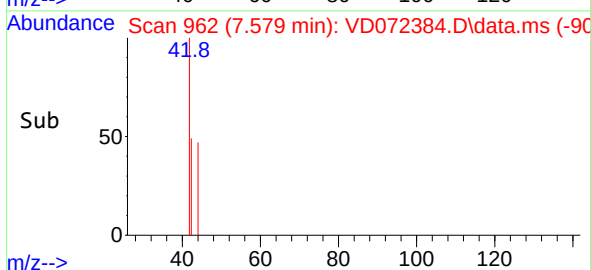
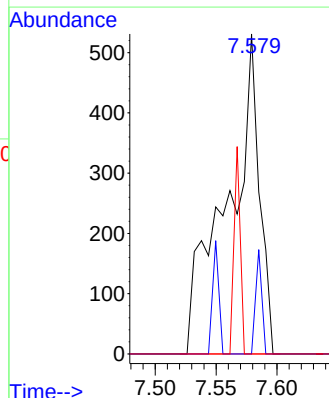
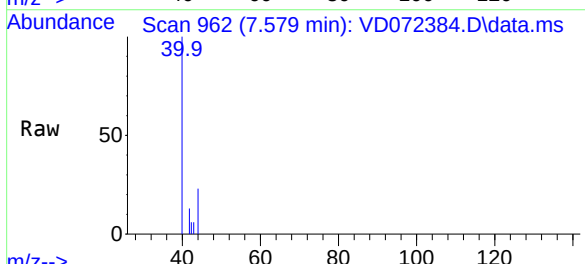
Tgt Ion: 42 Resp: 973

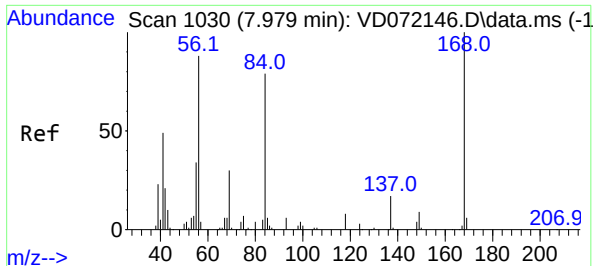
Ion Ratio Lower Upper

42 100

72 6.3 30.7 46.1#

71 12.4 28.6 43.0#

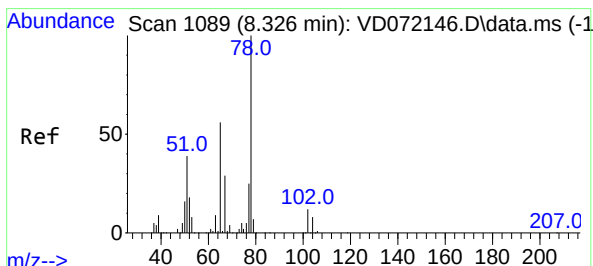
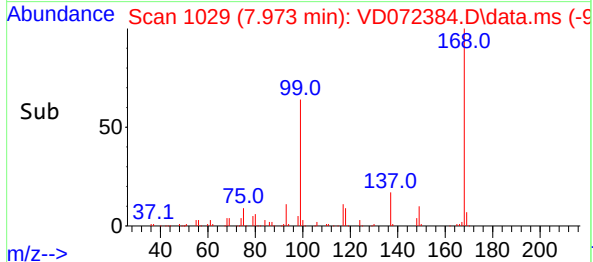
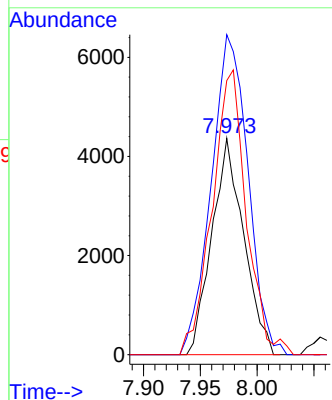
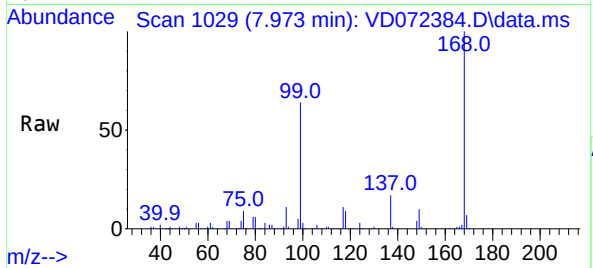




#31
Cyclohexane
Concen: 1.344 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

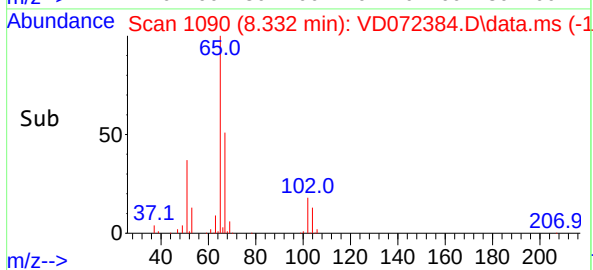
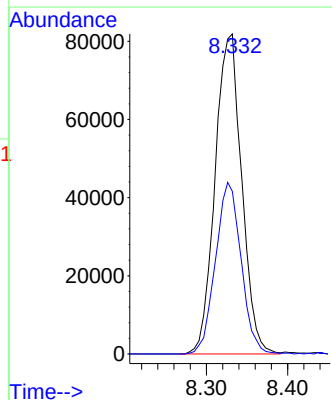
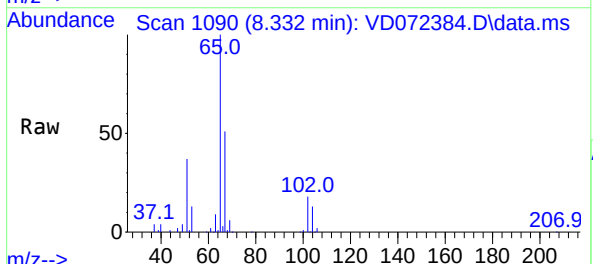
Instrument :
MSVOA_D
ClientSampleId :

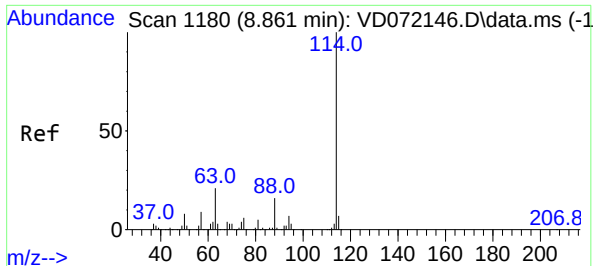
Tgt Ion: 56 Resp: 8530
Ion Ratio Lower Upper
56 100
69 147.9 25.4 38.2#
84 126.7 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 45.905 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

Tgt Ion: 65 Resp: 186539
Ion Ratio Lower Upper
65 100
67 51.6 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: VD072384.D

Acq: 23 Mar 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

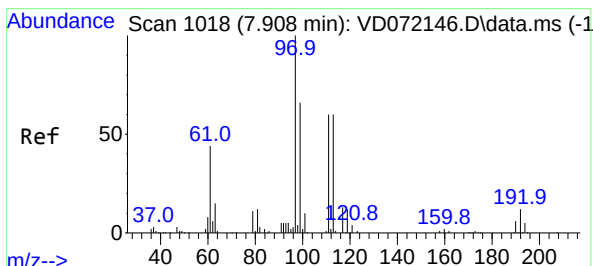
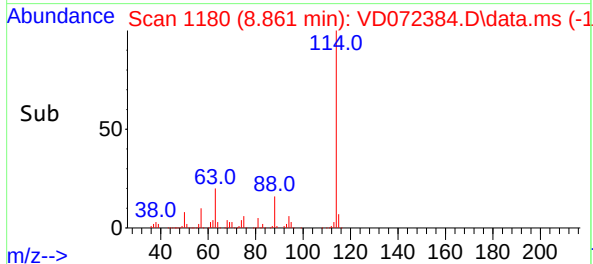
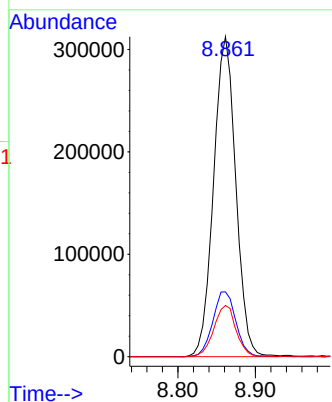
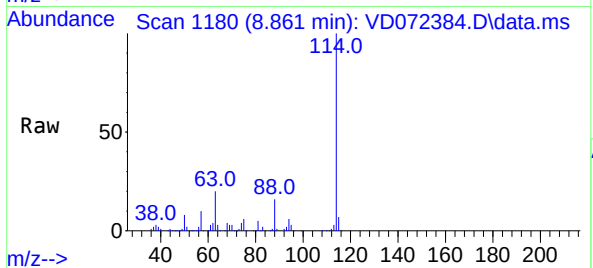
Tgt Ion:114 Resp: 621464

Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.427 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072384.D

Acq: 23 Mar 2022 15:20

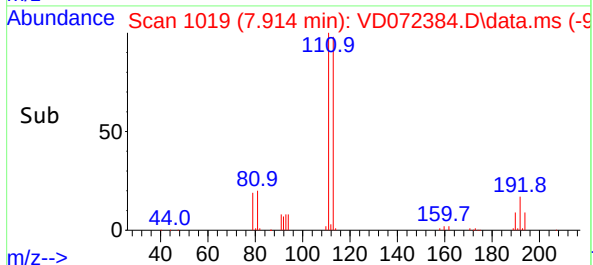
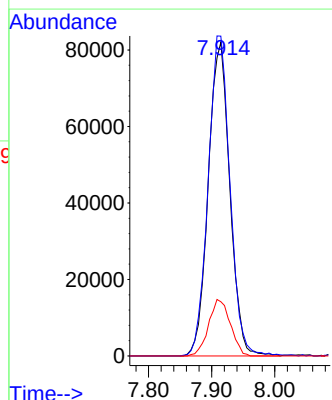
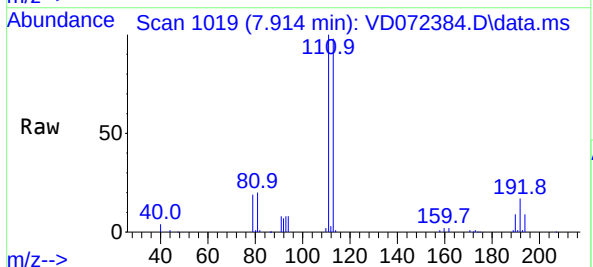
Tgt Ion:113 Resp: 194290

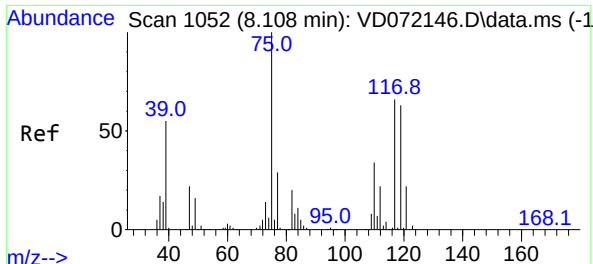
Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 18.2 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.107 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

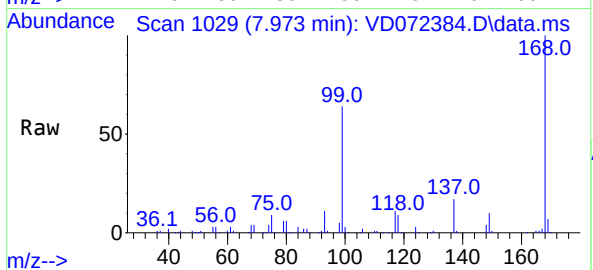
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Acq: 23 Mar 2022 15:20

Instrument :

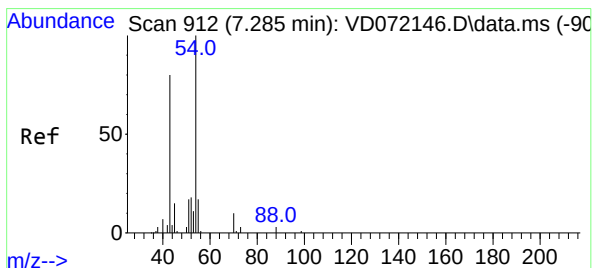
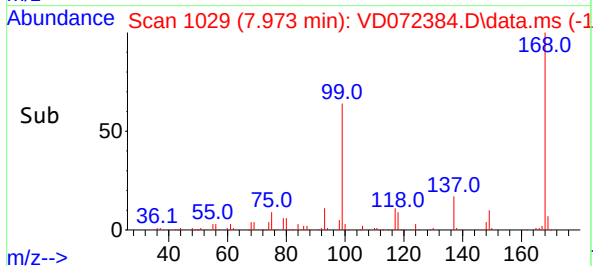
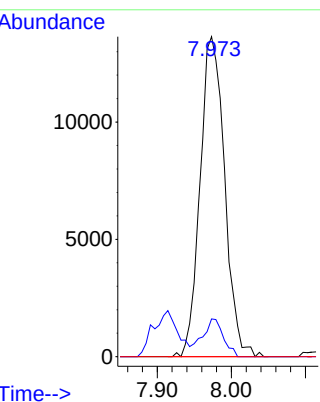
MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 31332

Ion	Ratio	Lower	Upper
75	100		
110	10.2	16.4	49.1#
77	0.0	24.2	36.2#



#37

Ethyl Acetate

Concen: 3.494 ug/l

RT: 7.208 min Scan# 899

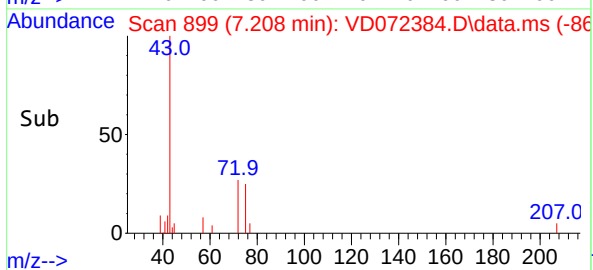
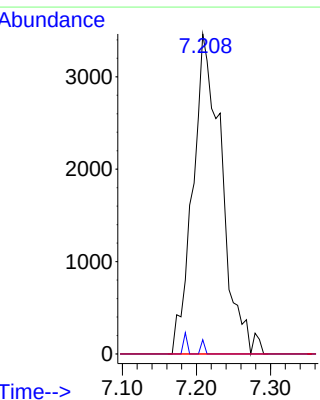
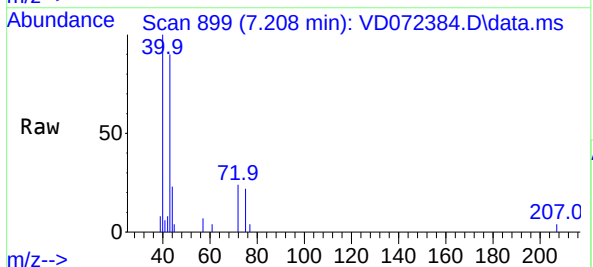
Delta R.T. -0.076 min

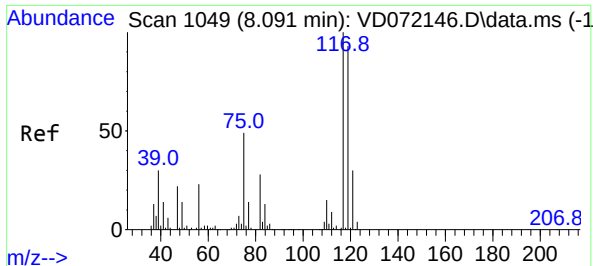
Lab File: VD072384.D

Acq: 23 Mar 2022 15:20

Tgt Ion: 43 Resp: 9390

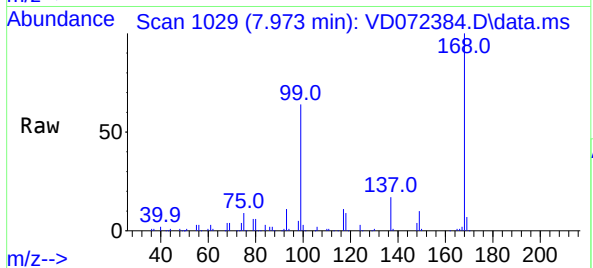
Ion	Ratio	Lower	Upper
43	100		
61	0.6	9.8	14.8#
70	0.0	6.9	10.3#



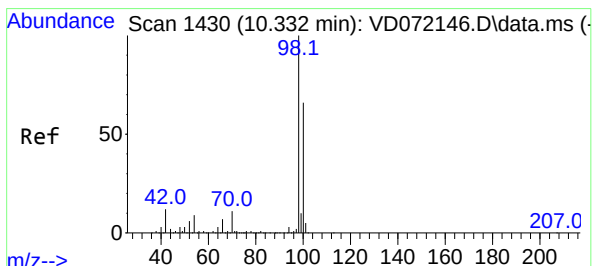
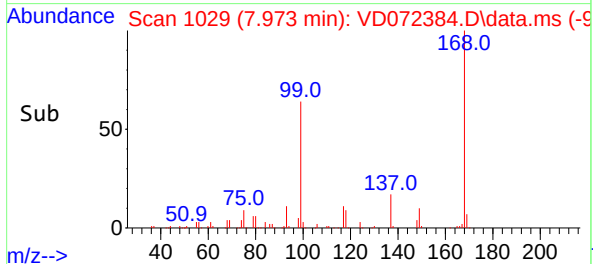
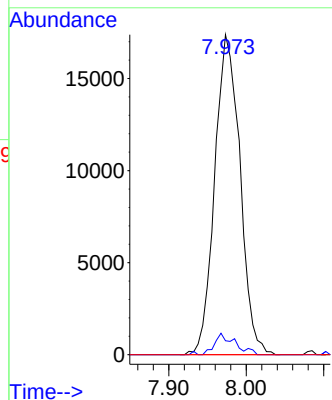


#38
Carbon Tetrachloride
Concen: 5.648 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

Instrument :
MSVOA_D
ClientSampleId :

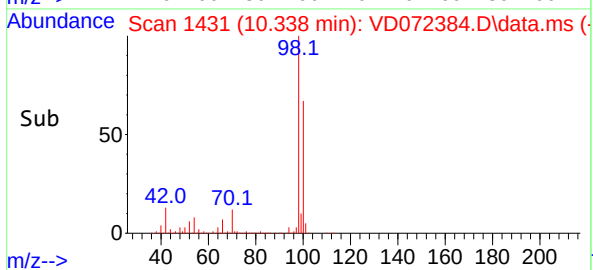
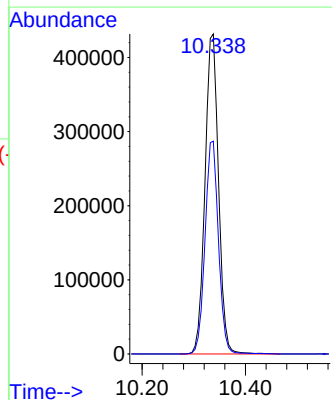
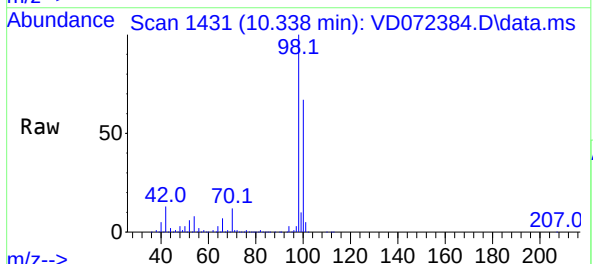


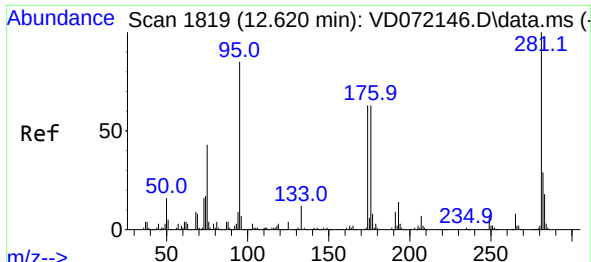
Tgt Ion:117 Resp: 39391
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.967 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

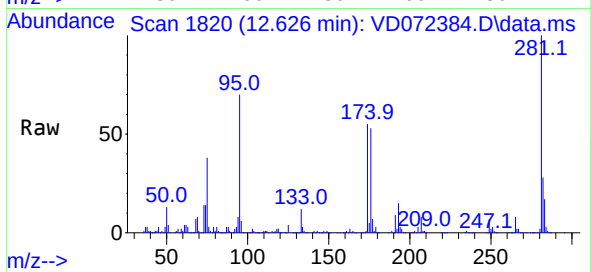
Tgt Ion: 98 Resp: 783029
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



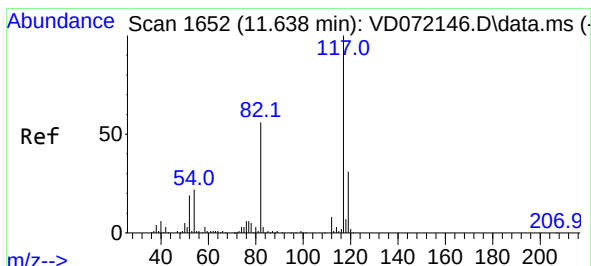
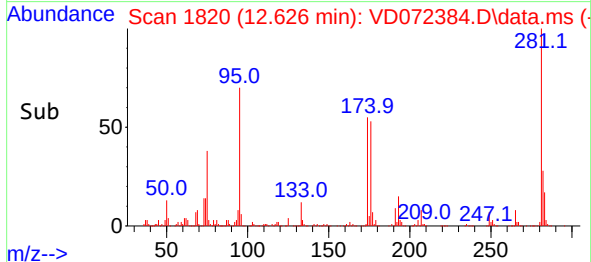
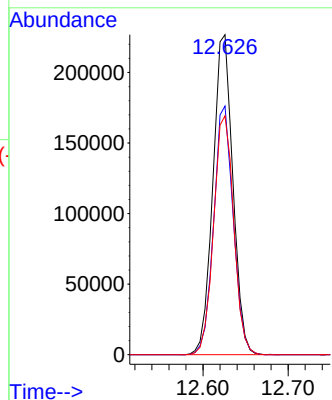


#62
4-Bromofluorobenzene
Concen: 59.319 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

Instrument :
MSVOA_D
ClientSampleId :

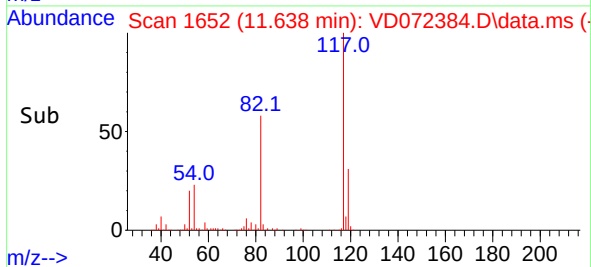
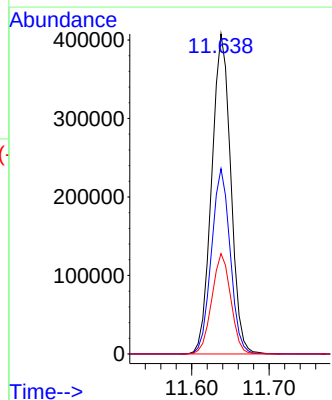
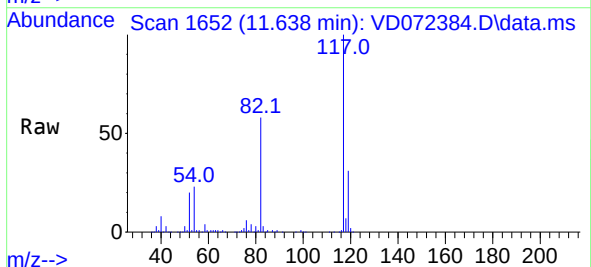


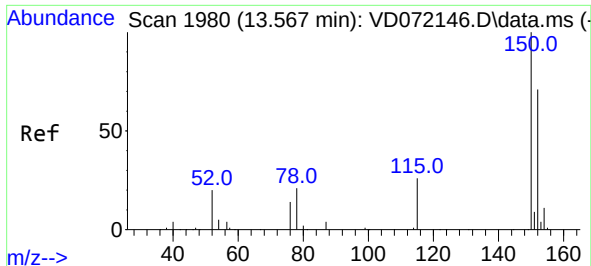
Tgt Ion: 95 Resp: 368573
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 75.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

Tgt Ion: 117 Resp: 698902
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 31.3 26.6 40.0

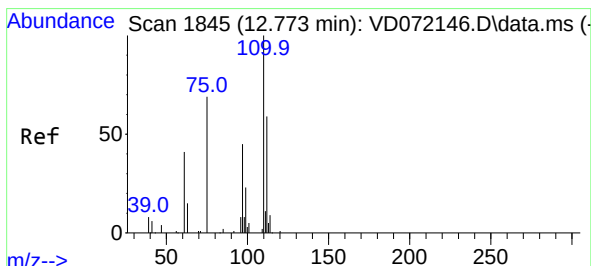
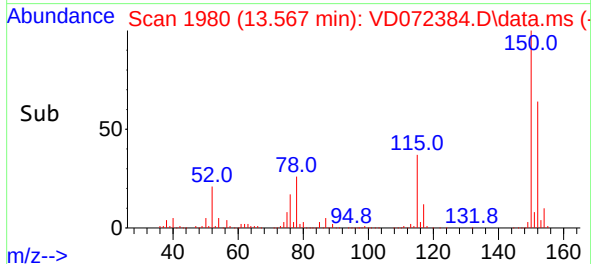
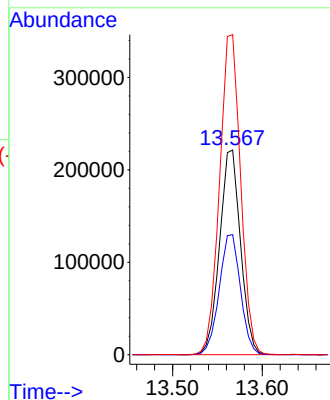
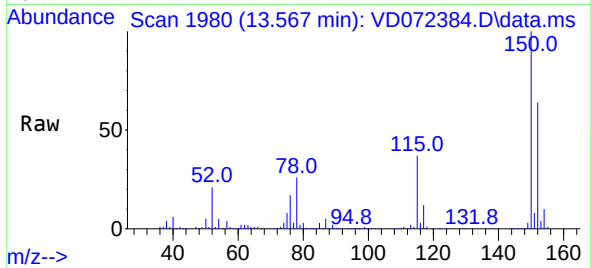




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD072384.D
 Acq: 23 Mar 2022 15:20

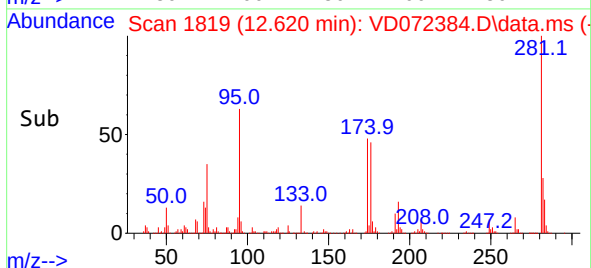
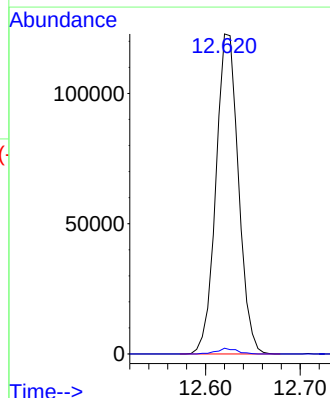
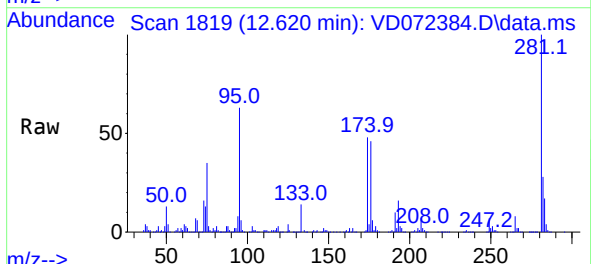
Instrument :
 MSVOA_D
 ClientSampleId :

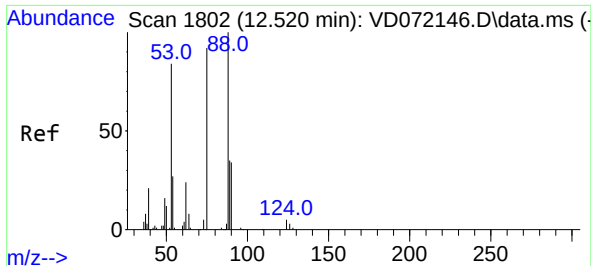
Tgt Ion:152 Resp: 358764
 Ion Ratio Lower Upper
 152 100
 115 59.7 31.3 93.8
 150 157.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 51.353 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD072384.D
 Acq: 23 Mar 2022 15:20

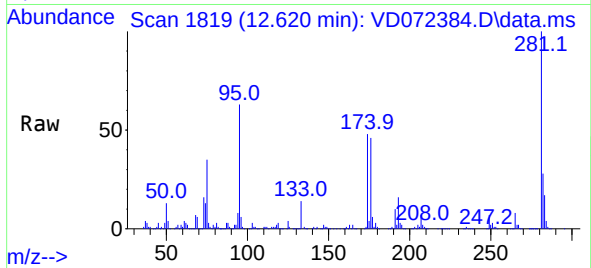
Tgt Ion: 75 Resp: 203228
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 127.412 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 203228
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 2.1 33.9 50.9#

