

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
 Data File : VD072131.D
 Acq On : 01 Mar 2022 10:46
 Operator : VA/SY
 Sample : VD0301SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0202

Quant Time: Mar 02 06:07:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

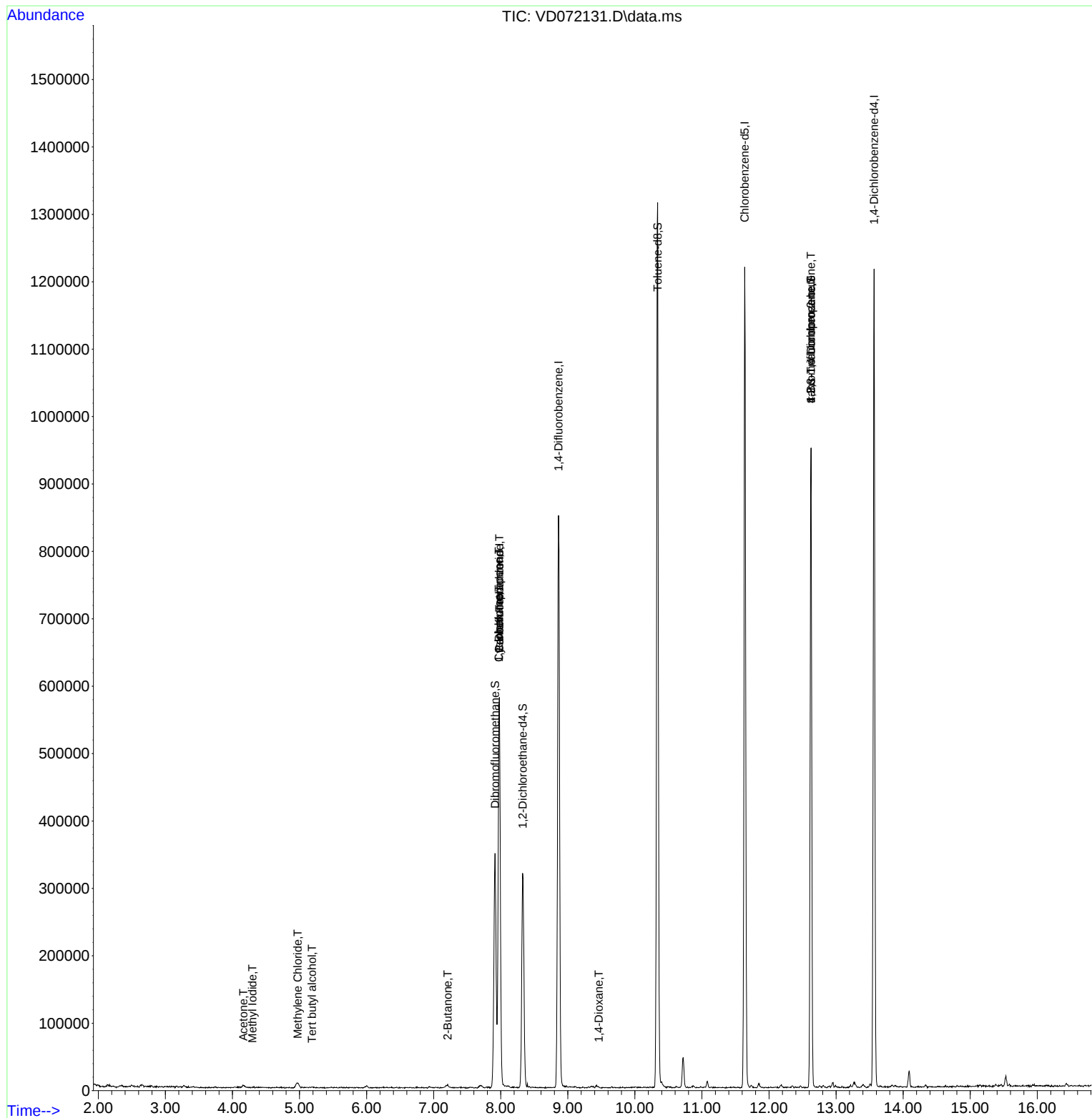
Internal Standards						
1) Pentafluorobenzene	7.979	168	421751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	732571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	674222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	315097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	260621	59.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.140%	
35) Dibromofluoromethane	7.914	113	244662	55.124	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.240%	
50) Toluene-d8	10.338	98	887537	53.922	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.840%	
62) 4-Bromofluorobenzene	12.626	95	305038	50.452	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.900%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	700	Below Cal	#	70
10) Methyl Iodide	4.297	142	539	3.030	ug/l #	56
11) Tert butyl alcohol	5.185	59	815	3.265	ug/l #	80
16) Acetone	4.162	43	6388	6.756	ug/l #	71
18) Methyl Acetate	4.720	43	154	Below Cal	#	52
20) Methylene Chloride	4.973	84	5617	1.194	ug/l #	78
25) 2-Butanone	7.209	43	3057	2.339	ug/l #	50
31) Cyclohexane	7.973	56	10887	1.409	ug/l #	15
36) 1,1-Dichloropropene	7.973	75	33645	5.004	ug/l #	50
38) Carbon Tetrachloride	7.979	117	43060	6.249	ug/l #	16
49) 1,4-Dioxane	9.461	88	72	2.273	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	158213	53.008	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	158213	132.745	ug/l #	10

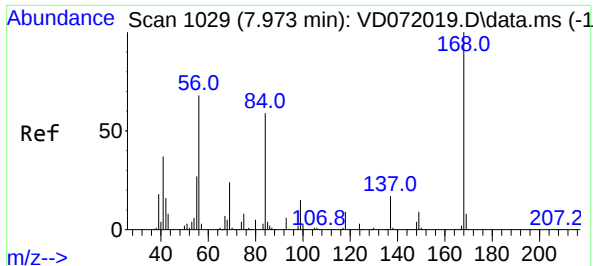
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
Data File : VD072131.D
Acq On : 01 Mar 2022 10:46
Operator : VA/SY
Sample : VD0301SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0202

Quant Time: Mar 02 06:07:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

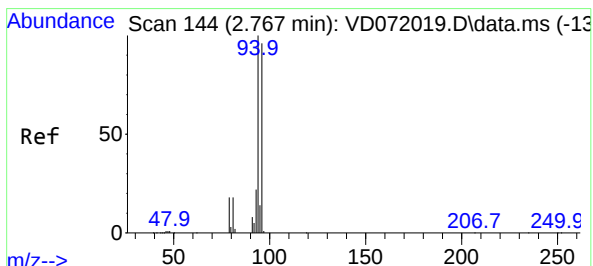
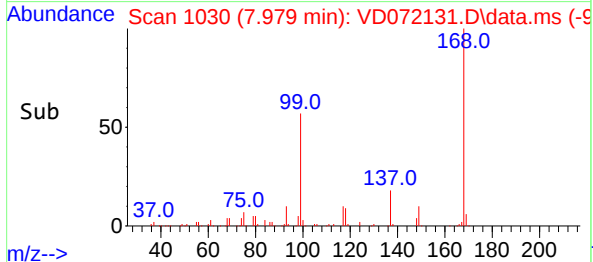
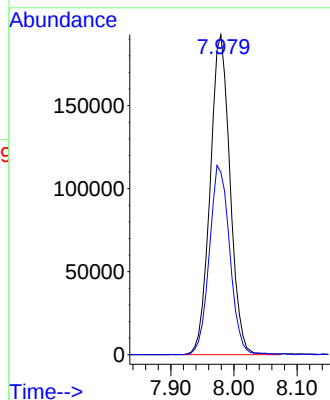
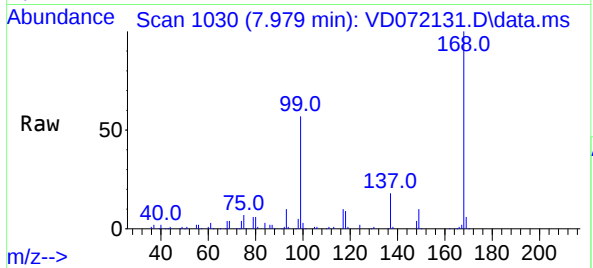




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

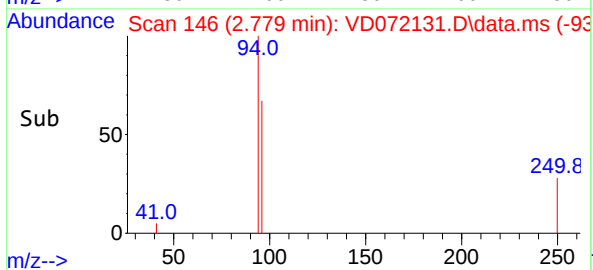
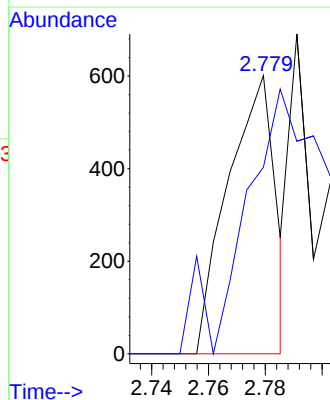
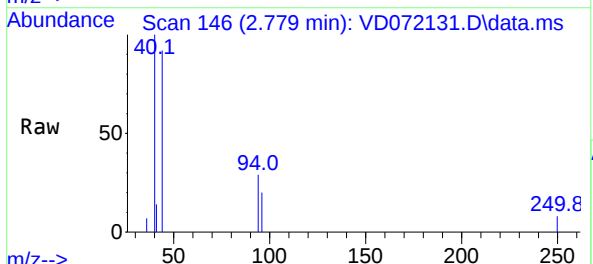
Instrument :
MSVOA_D
ClientSampleId :
VD0202

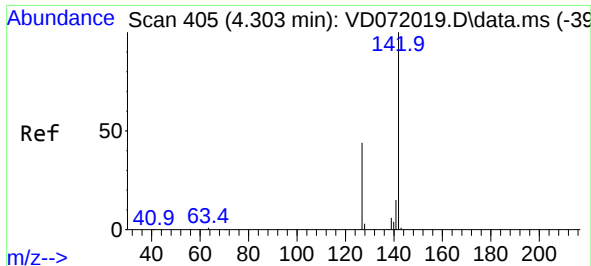
Tgt Ion:168 Resp: 421751
Ion Ratio Lower Upper
168 100
99 56.9 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

Tgt Ion: 94 Resp: 700
Ion Ratio Lower Upper
94 100
96 67.1 76.8 115.2#





#10

Methyl Iodide

Concen: 3.030 ug/l

RT: 4.297 min Scan# 40

Delta R.T. -0.006 min

Lab File: VD072131.D

Acq: 01 Mar 2022 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0202

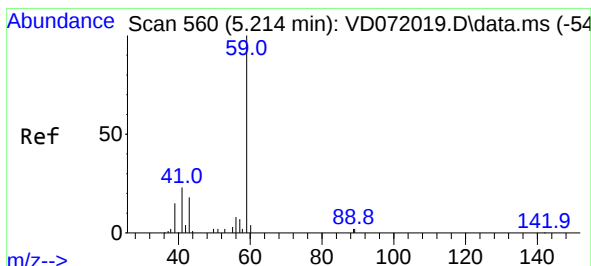
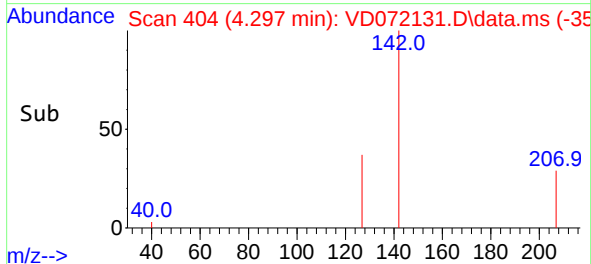
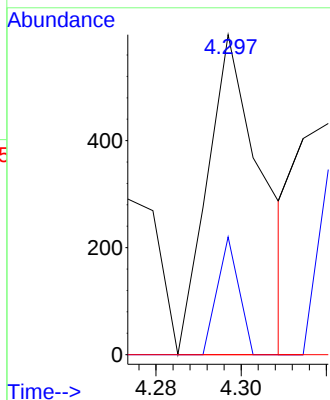
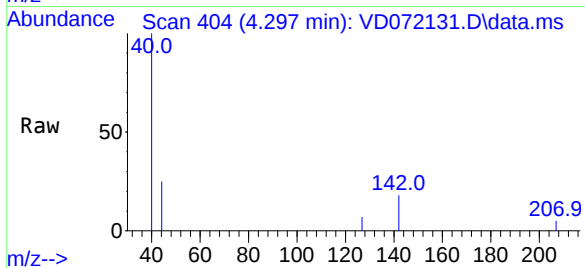
Tgt Ion:142 Resp: 539

Ion Ratio Lower Upper

142 100

127 14.5 35.8 53.8#

141 0.0 11.6 17.4#



#11

Tert butyl alcohol

Concen: 3.265 ug/l

RT: 5.185 min Scan# 555

Delta R.T. -0.029 min

Lab File: VD072131.D

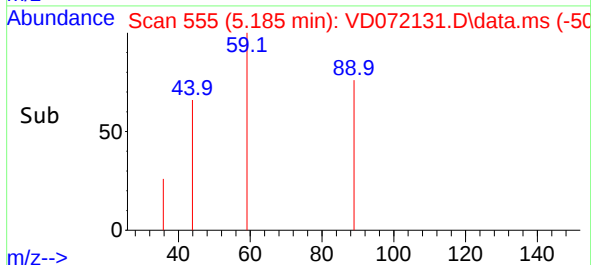
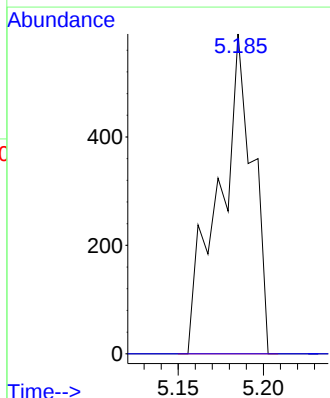
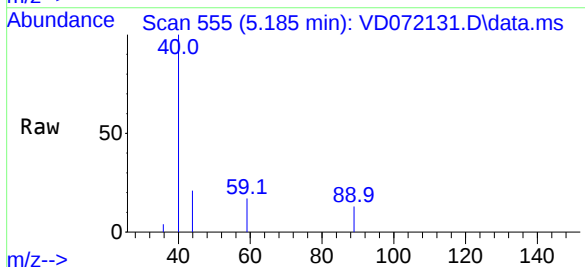
Acq: 01 Mar 2022 10:46

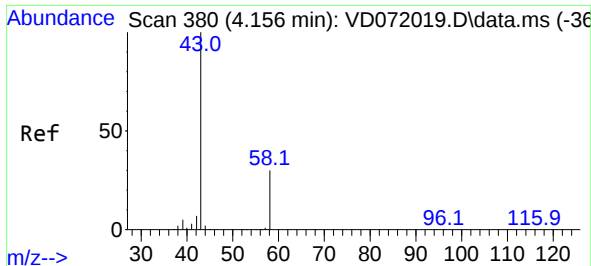
Tgt Ion: 59 Resp: 815

Ion Ratio Lower Upper

59 100

57 0.0 5.4 8.2#

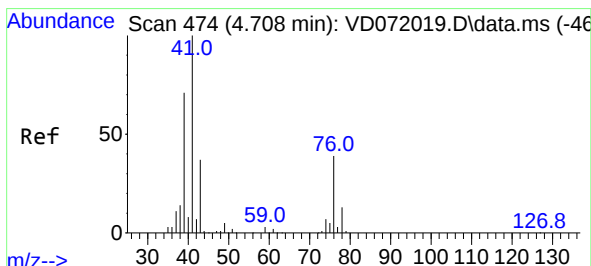
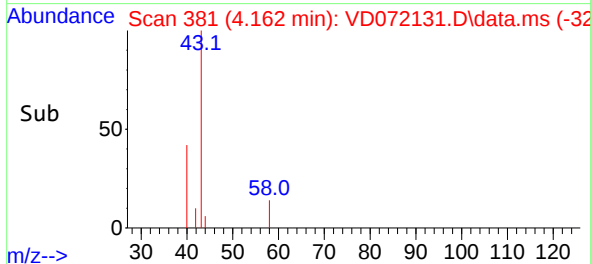
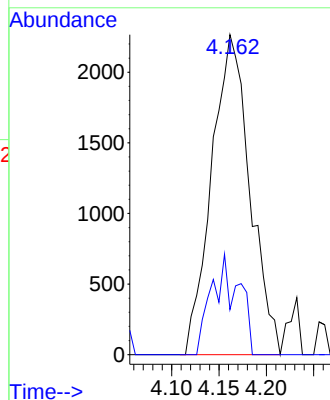
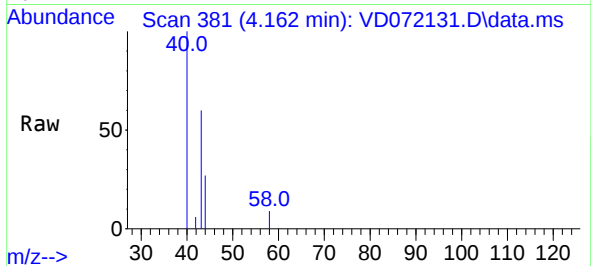




#16
Acetone
Concen: 6.756 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

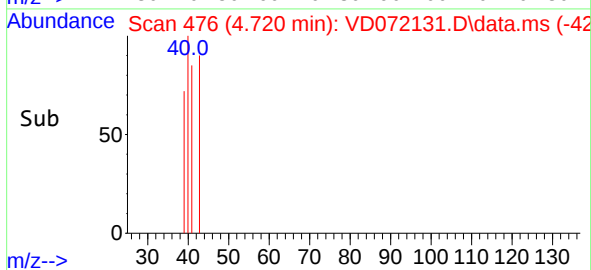
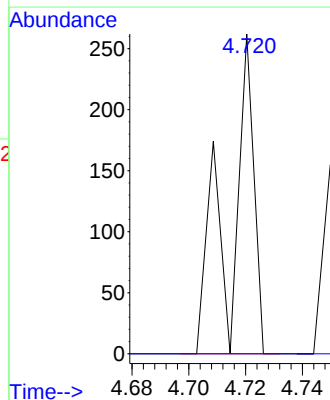
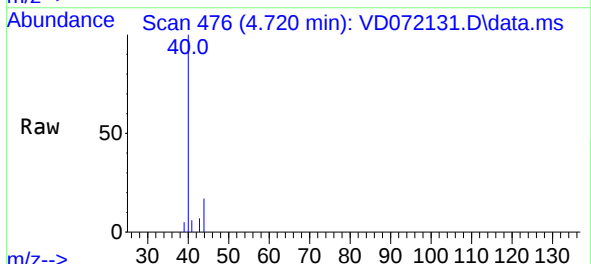
Instrument :
MSVOA_D
ClientSampleId :
VD0202

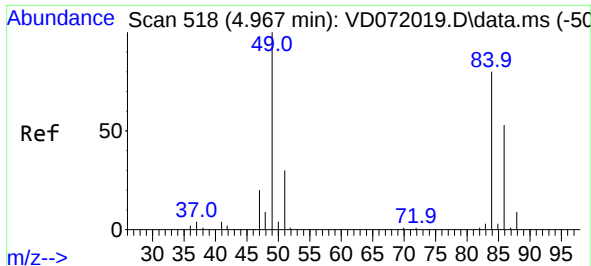
Tgt Ion: 43 Resp: 6388
Ion Ratio Lower Upper
43 100
58 14.1 23.8 35.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 476
Delta R.T. 0.012 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#

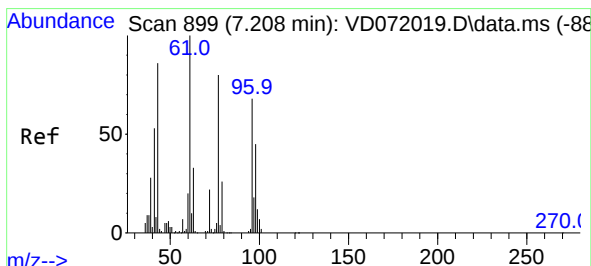
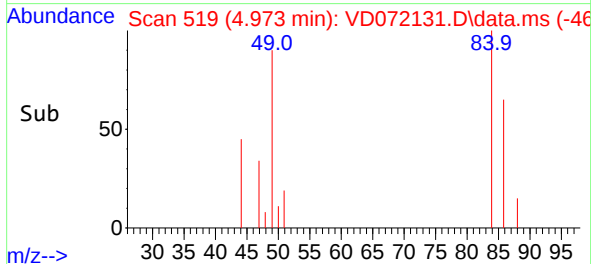
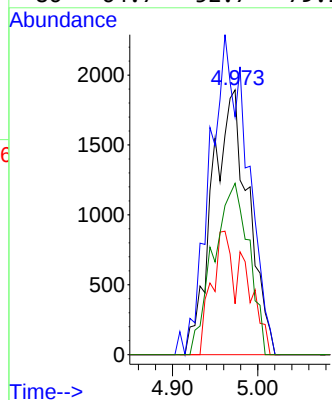
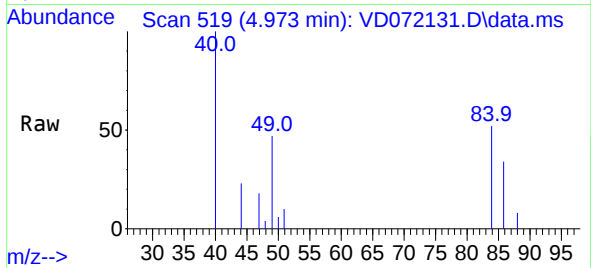




#20
Methylene Chloride
Concen: 1.194 ug/l
RT: 4.973 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

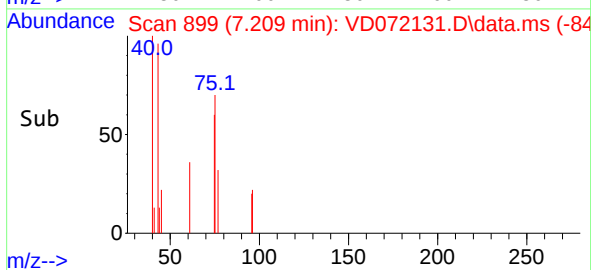
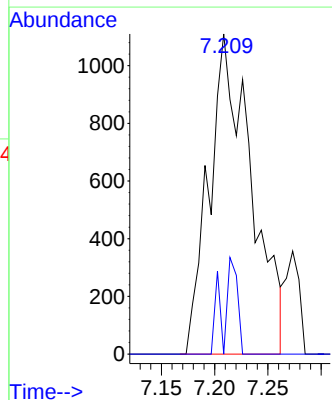
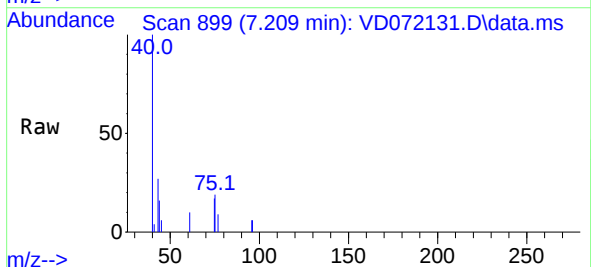
Instrument :
MSVOA_D
ClientSampleId :
VD0202

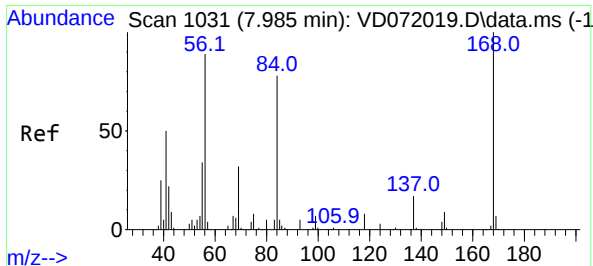
Tgt Ion: 84 Resp: 5617
Ion Ratio Lower Upper
84 100
49 89.9 100.0 150.0#
51 19.2 30.2 45.4#
86 64.7 52.7 79.1



#25
2-Butanone
Concen: 2.339 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

Tgt Ion: 43 Resp: 3057
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#

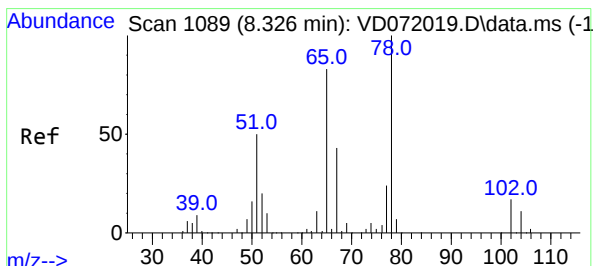
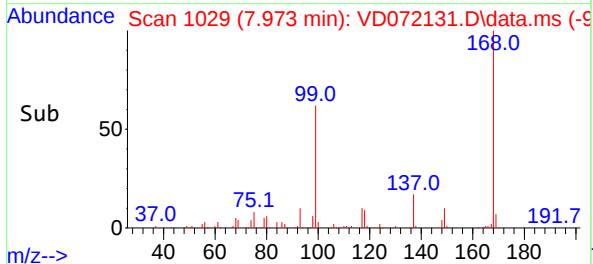
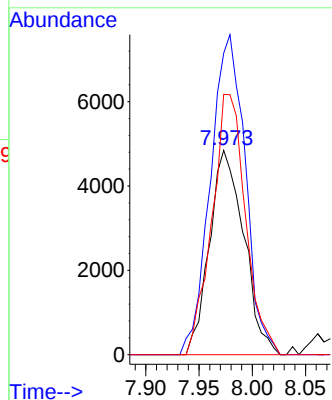
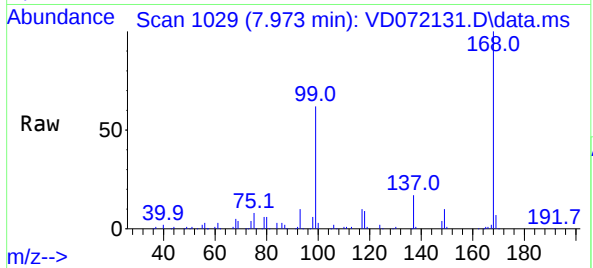




#31
Cyclohexane
Concen: 1.409 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

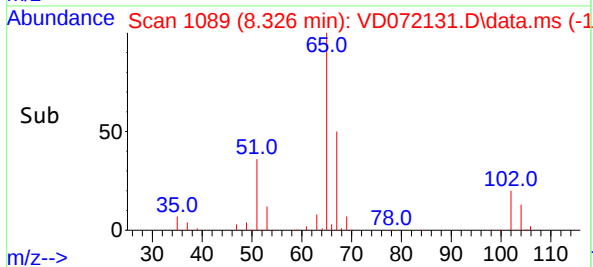
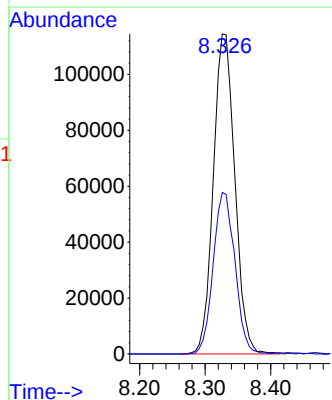
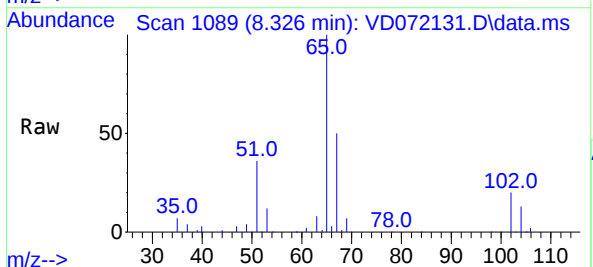
Instrument :
MSVOA_D
ClientSampleId :
VD0202

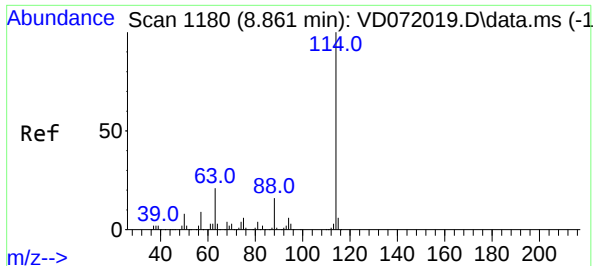
Tgt Ion: 56 Resp: 10887
Ion Ratio Lower Upper
56 100
69 147.6 28.9 43.3#
84 127.4 70.6 105.8#



#33
1,2-Dichloroethane-d4
Concen: 59.573 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

Tgt Ion: 65 Resp: 260621
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072131.D

Acq: 01 Mar 2022 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0202

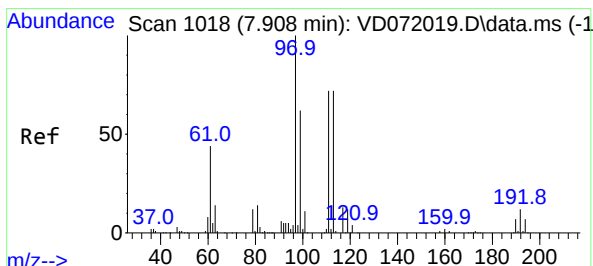
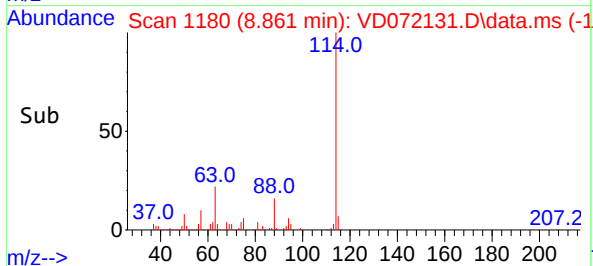
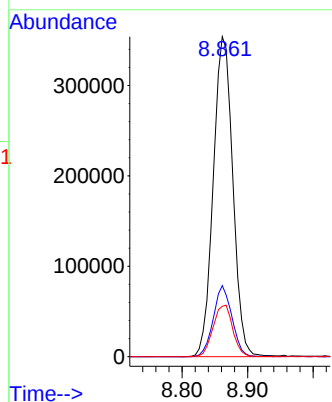
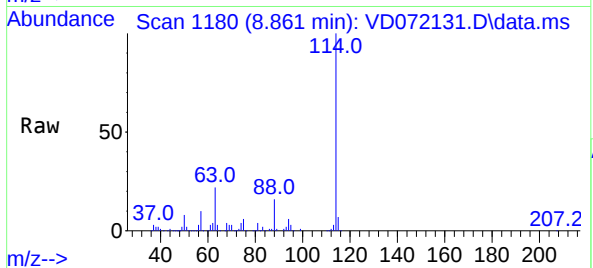
Tgt Ion:114 Resp: 732571

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.2

88 15.8 0.0 31.2



#35

Dibromofluoromethane

Concen: 55.124 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072131.D

Acq: 01 Mar 2022 10:46

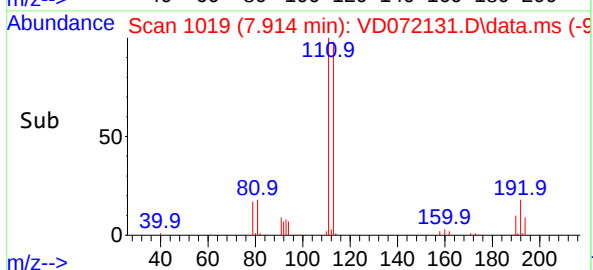
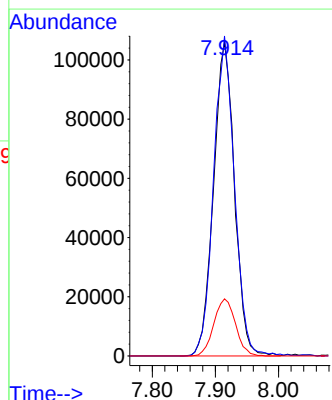
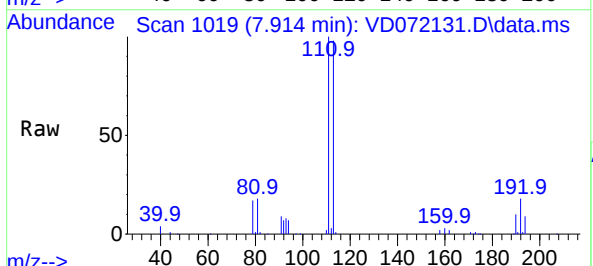
Tgt Ion:113 Resp: 244662

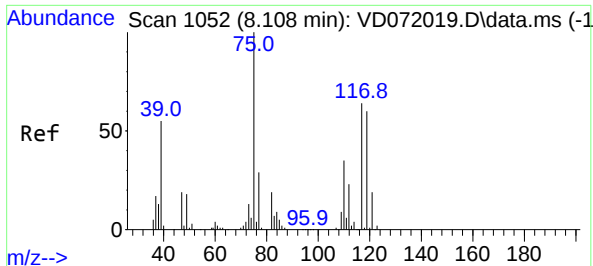
Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.4

192 18.8 15.3 22.9





#36

1,1-Dichloropropene

Concen: 5.004 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072131.D

Acq: 01 Mar 2022 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0202

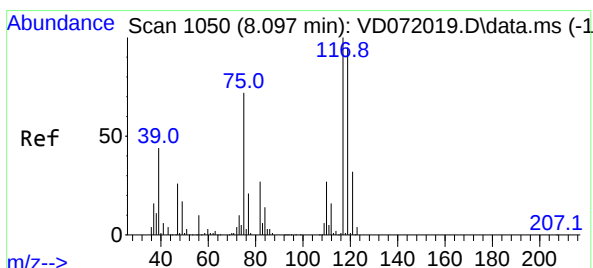
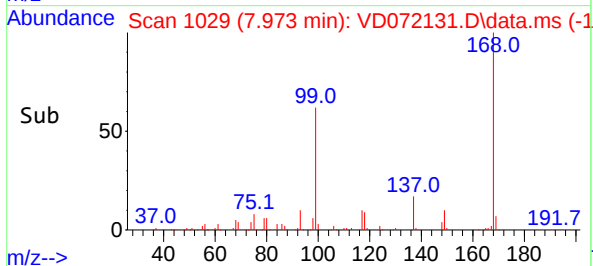
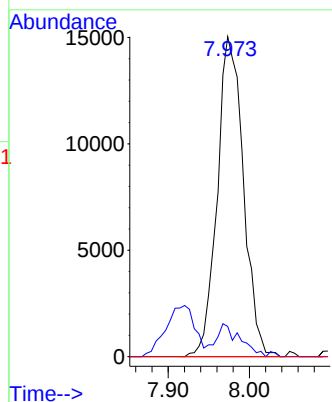
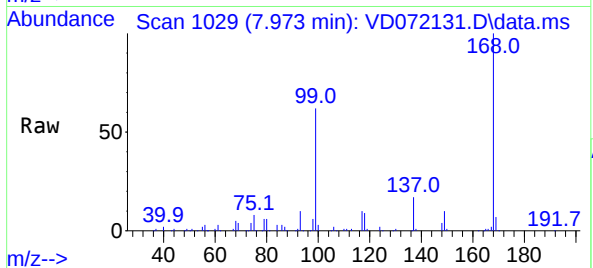
Tgt Ion: 75 Resp: 33645

Ion Ratio Lower Upper

75 100

110 9.0 17.7 53.1#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.249 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.117 min

Lab File: VD072131.D

Acq: 01 Mar 2022 10:46

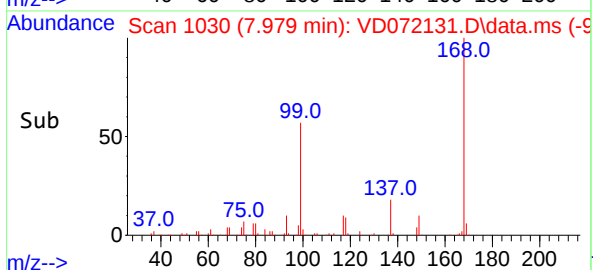
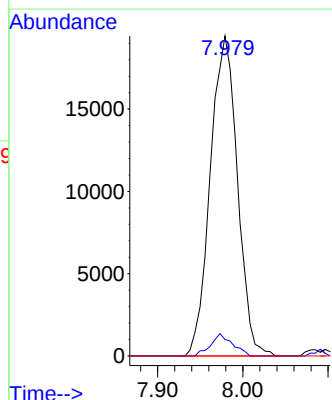
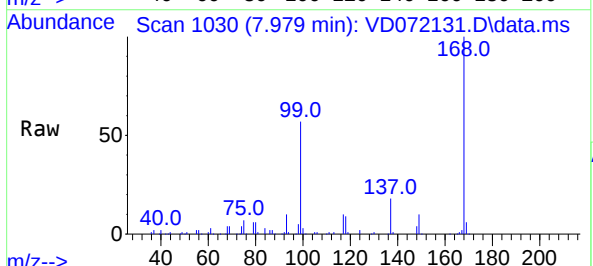
Tgt Ion: 117 Resp: 43060

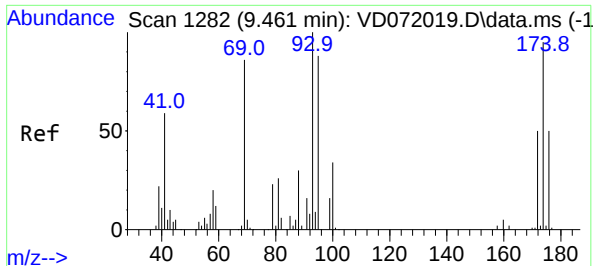
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.8#

121 0.0 25.8 38.6#





#49

1,4-Dioxane

Concen: 2.273 ug/l

RT: 9.461 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072131.D

Acq: 01 Mar 2022 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0202

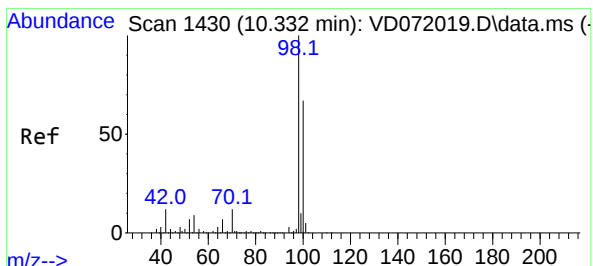
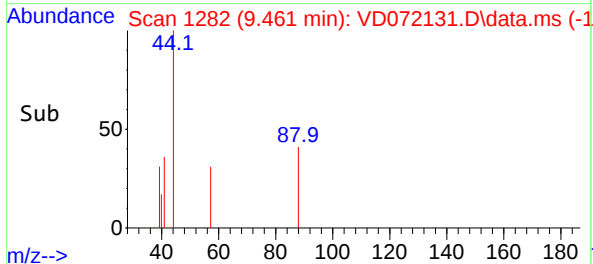
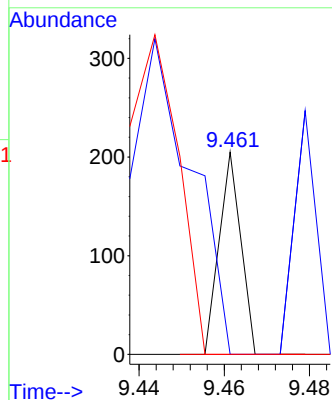
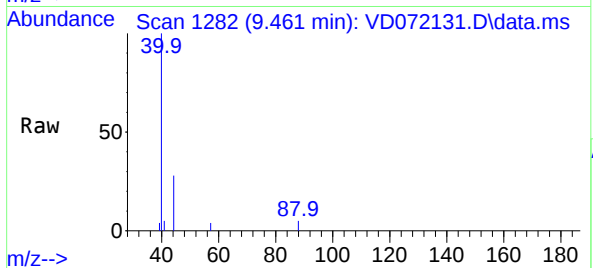
Tgt Ion: 88 Resp: 72

Ion Ratio Lower Upper

88 100

43 120.8 29.9 44.9#

58 0.0 61.0 91.4#



#50

Toluene-d8

Concen: 53.922 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD072131.D

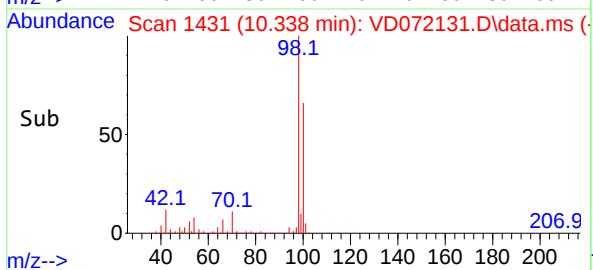
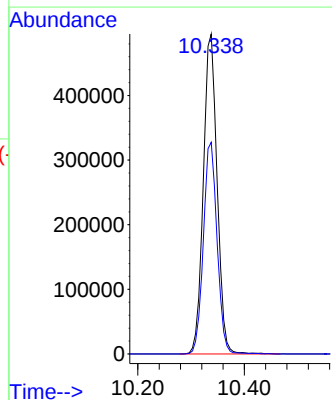
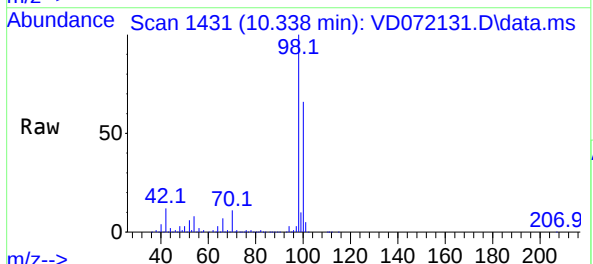
Acq: 01 Mar 2022 10:46

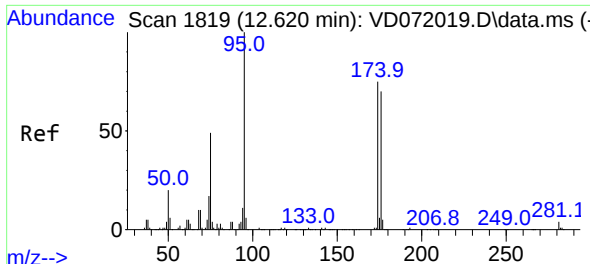
Tgt Ion: 98 Resp: 887537

Ion Ratio Lower Upper

98 100

100 65.9 53.8 80.6



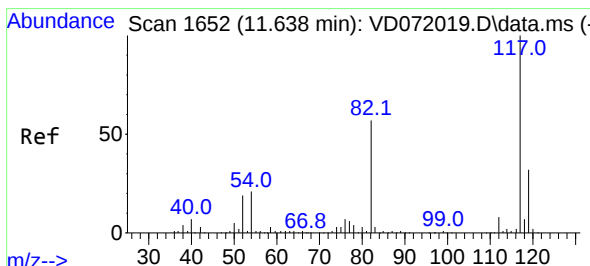
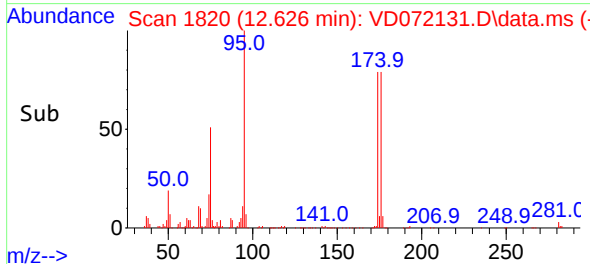
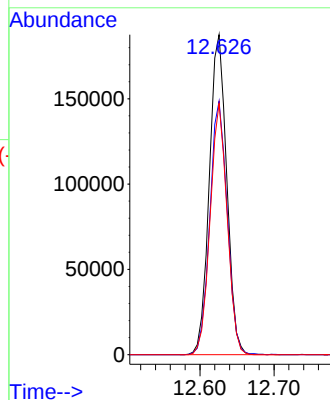
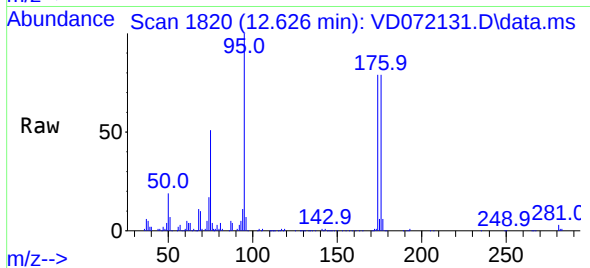


#62
4-Bromofluorobenzene
Concen: 50.452 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0202

Tgt Ion: 95 Resp: 305038

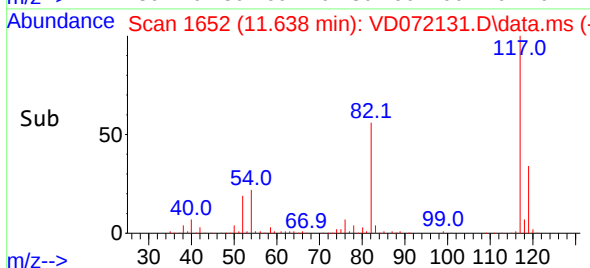
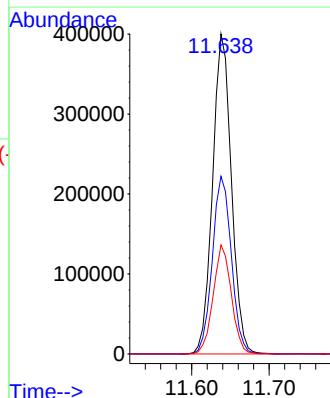
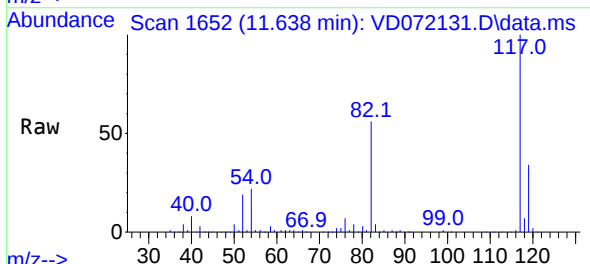
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	155.0
176	76.6	0.0	148.8

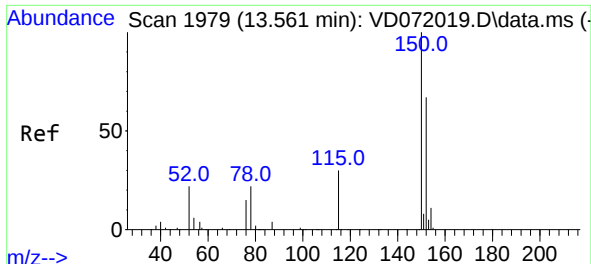


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

Tgt Ion: 117 Resp: 674222

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.4	68.0
119	34.0	25.4	38.2

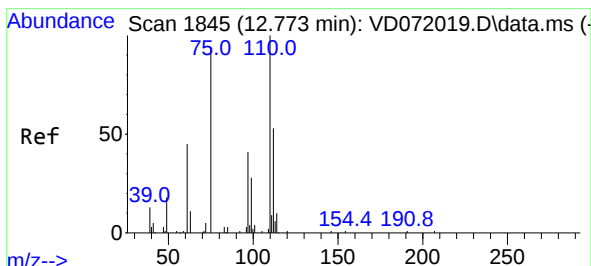
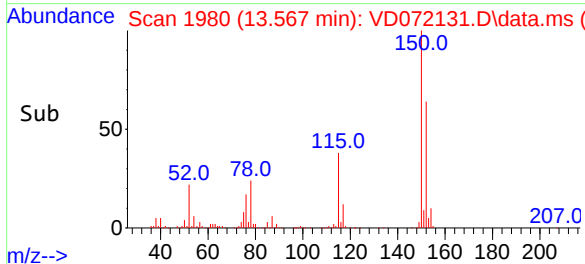
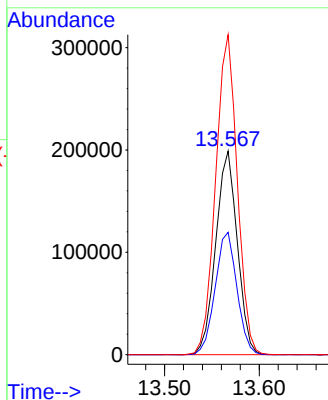
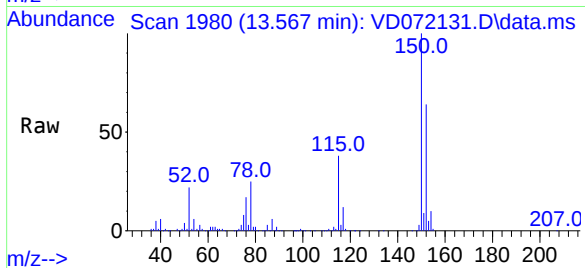




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

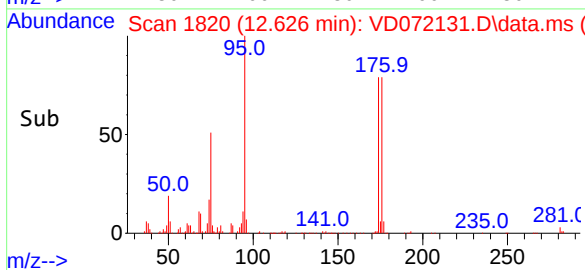
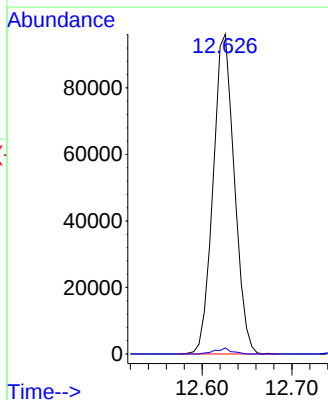
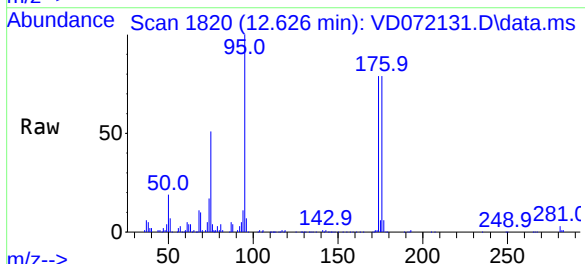
Instrument :
MSVOA_D
ClientSampleId :
VD0202

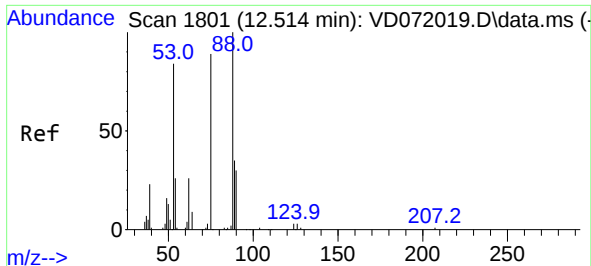
Tgt Ion:152 Resp: 315097
Ion Ratio Lower Upper
152 100
115 60.8 29.9 89.7
150 157.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 53.008 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

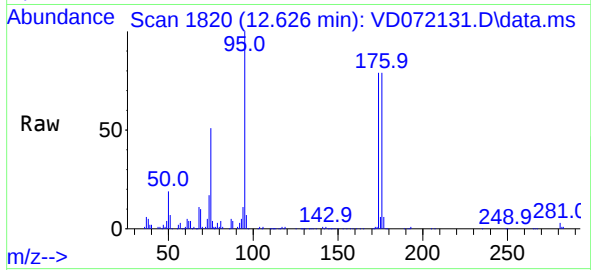
Tgt Ion: 75 Resp: 158213
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 132.745 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.112 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0202



Tgt Ion: 75 Resp: 158213
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.4#
89 0.0 36.4 54.6#

