

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073154.D
 Acq On : 19 May 2022 22:41
 Operator : VA/SY
 Sample : N2842-02
 Misc : 5.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P009-SS004-0006-01

Quant Time: May 20 01:51:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

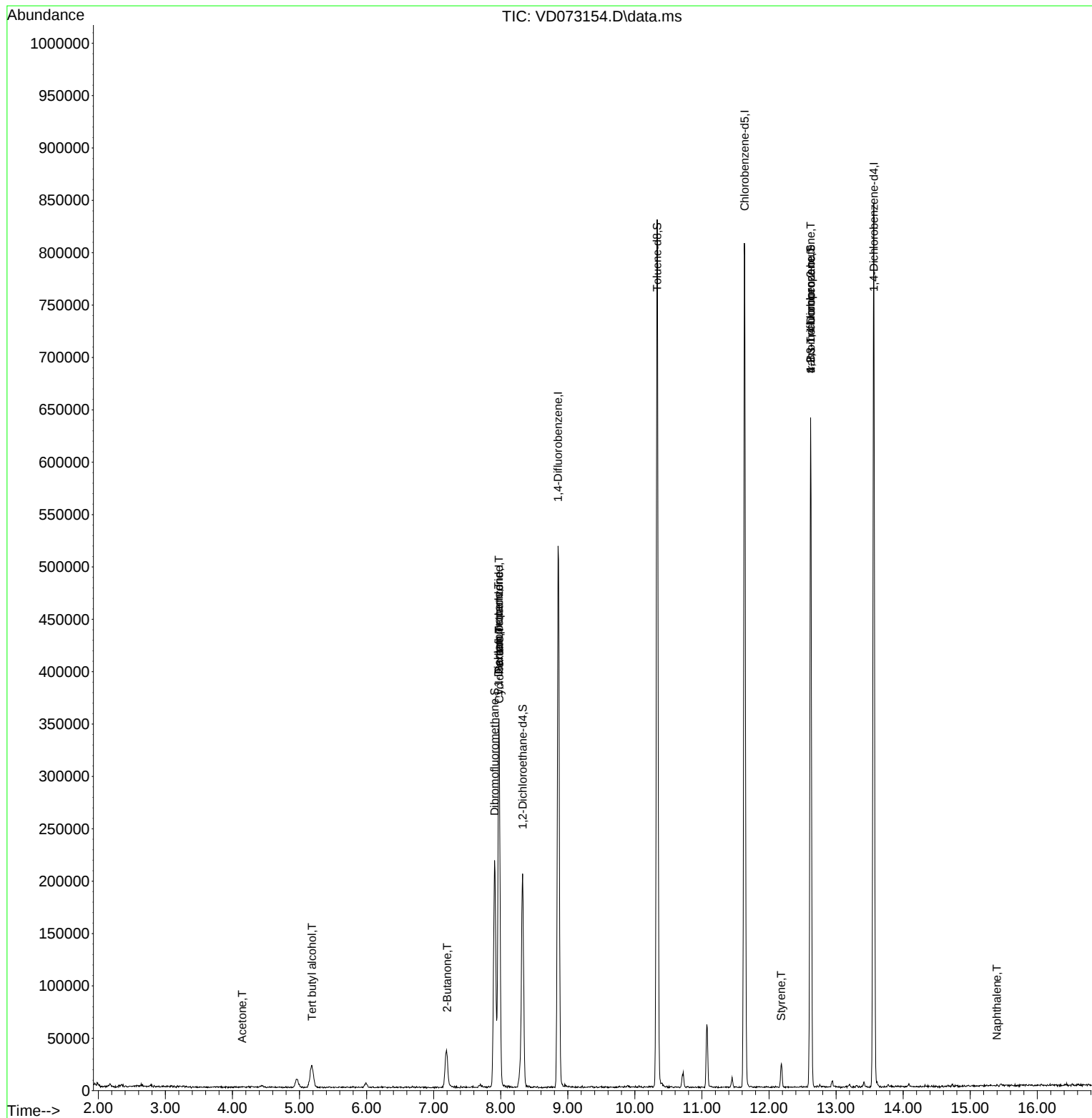
Internal Standards						
1) Pentafluorobenzene	7.973	168	248761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	439692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	472228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	219851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	160310	58.312	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.620%			
35) Dibromofluoromethane	7.908	113	162637	56.055	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.120%			
50) Toluene-d8	10.332	98	550963	51.515	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.020%			
62) 4-Bromofluorobenzene	12.620	95	205723	54.810	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.620%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.791	94	916	Below Cal	#	45
11) Tert butyl alcohol	5.185	59	20158	47.260	ug/l #	74
16) Acetone	4.144	43	486	1.021	ug/l #	66
20) Methylene Chloride	4.962	84	7137	Below Cal	#	71
25) 2-Butanone	7.203	43	968	1.389	ug/l #	52
31) Cyclohexane	7.979	56	5511	1.147	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	22238	5.096	ug/l #	51
38) Carbon Tetrachloride	7.973	117	26491	5.989	ug/l #	16
70) Styrene	12.179	104	11194	1.072	ug/l #	89
76) 1,2,3-Trichloropropane	12.620	75	107222	49.706	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	107222	119.329	ug/l #	7
95) Naphthalene	15.396	128	128	3.558	ug/l #	70

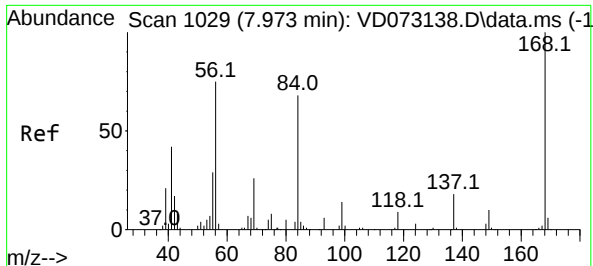
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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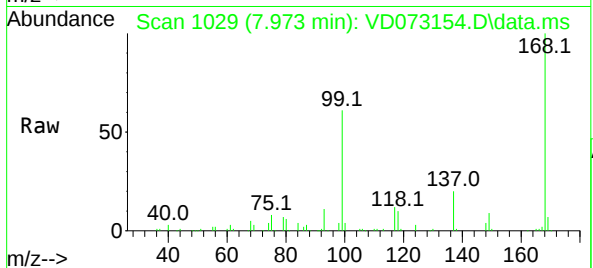
Quant Time: May 20 01:51:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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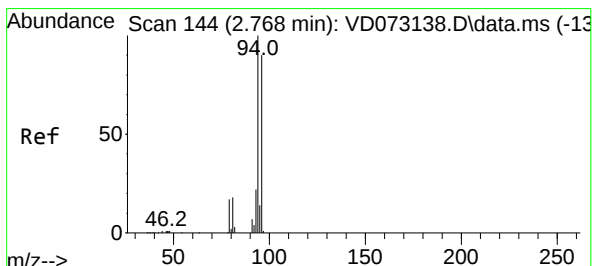
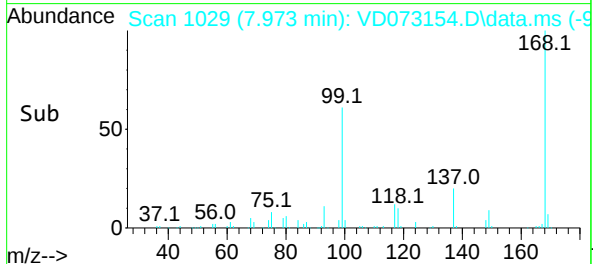
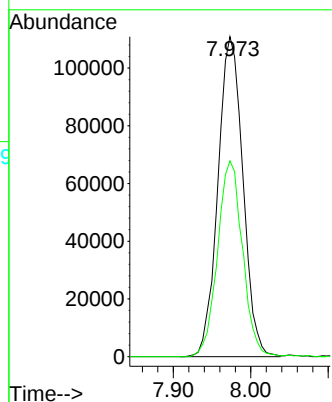


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073154.D
Acq: 19 May 2022 22:41

Instrument :
MSVOA_D
ClientSampleId :
P009-SS004-0006-01

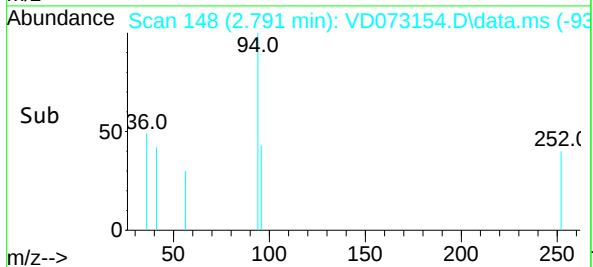
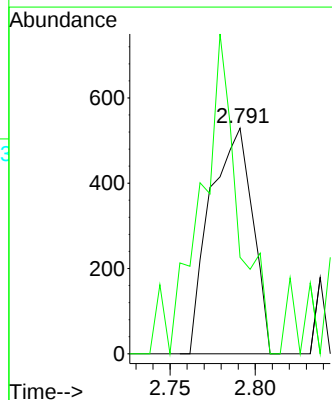
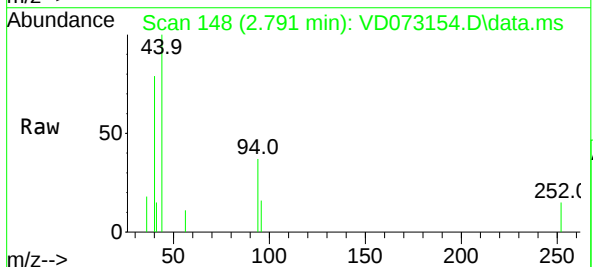


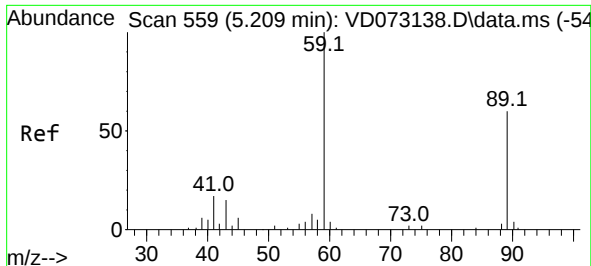
Tgt Ion:168 Resp: 248761
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.791 min Scan# 148
Delta R.T. 0.023 min
Lab File: VD073154.D
Acq: 19 May 2022 22:41

Tgt Ion: 94 Resp: 916
Ion Ratio Lower Upper
94 100
96 42.7 77.6 116.4#

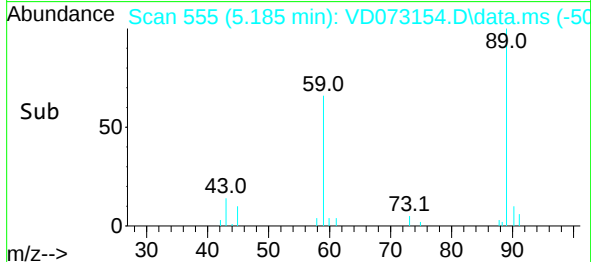
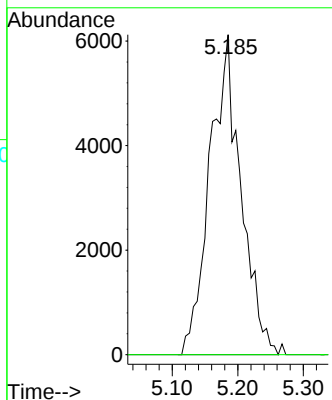
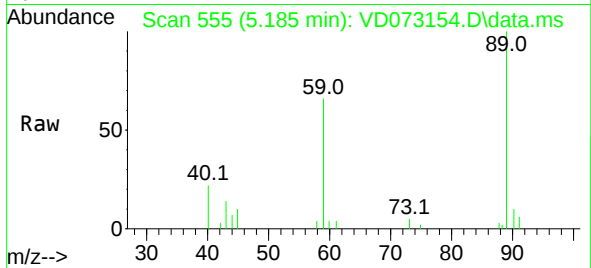




#11
Tert butyl alcohol
Concen: 47.260 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD073154.D
Acq: 19 May 2022 22:41

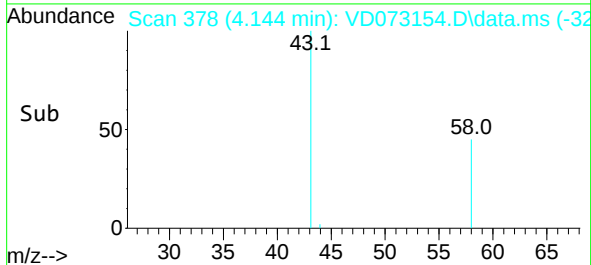
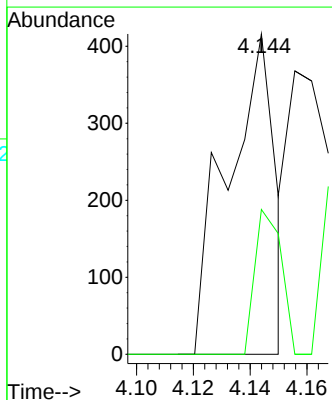
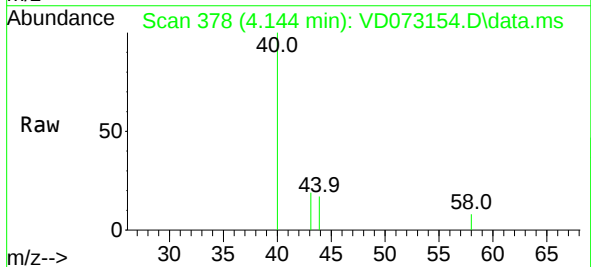
Instrument :
MSVOA_D
ClientSampleId :
P009-SS004-0006-01

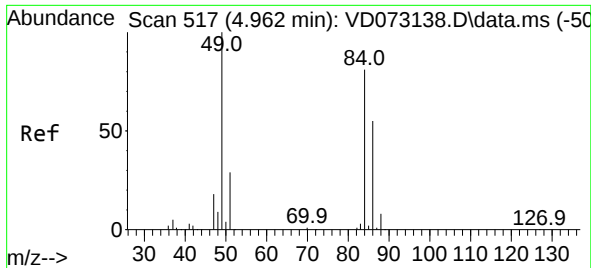
Tgt Ion: 59 Resp: 20158
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 1.021 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD073154.D
Acq: 19 May 2022 22:41

Tgt Ion: 43 Resp: 486
Ion Ratio Lower Upper
43 100
58 45.2 22.1 33.1#

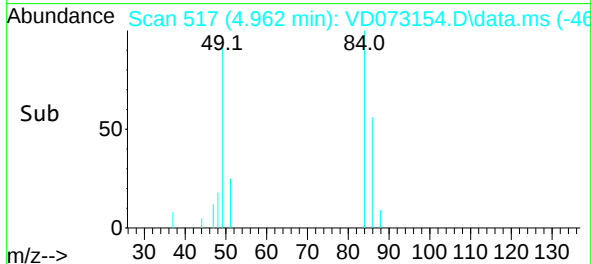
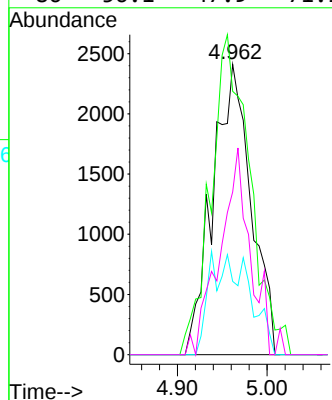
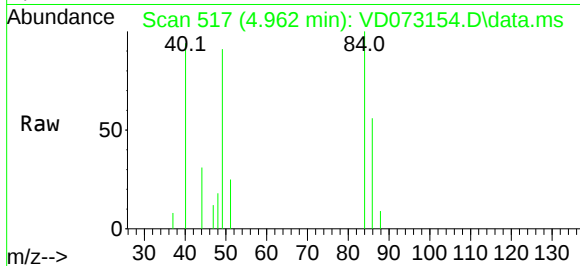




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073154.D
Acq: 19 May 2022 22:41

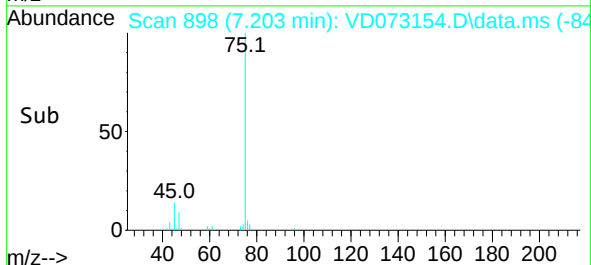
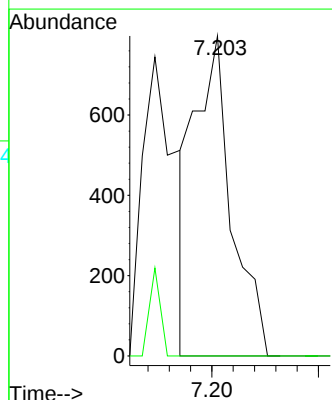
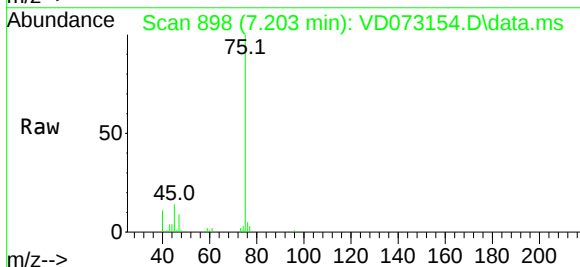
Instrument :
MSVOA_D
ClientSampleId :
P009-SS004-0006-01

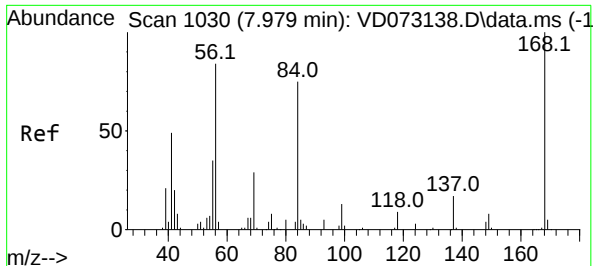
Tgt Ion:	84	Resp:	7137
Ion	Ratio	Lower	Upper
84	100		
49	90.8	112.8	169.2#
51	25.2	32.6	48.8#
86	56.1	47.9	71.9



#25
2-Butanone
Concen: 1.389 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.005 min
Lab File: VD073154.D
Acq: 19 May 2022 22:41

Tgt Ion:	43	Resp:	968
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#31

Cyclohexane

Concen: 1.147 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073154.D

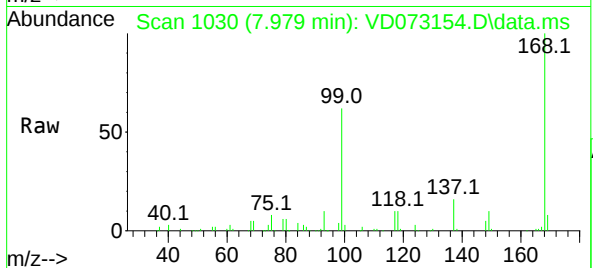
Acq: 19 May 2022 22:41

Instrument :

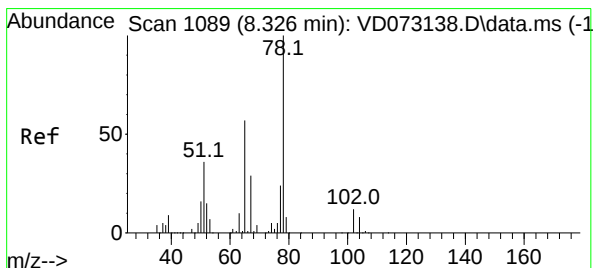
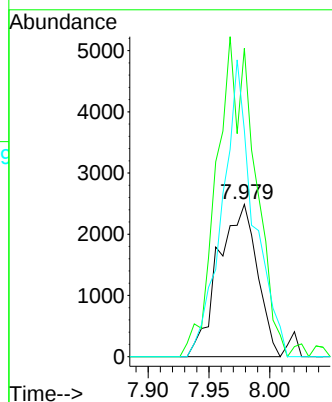
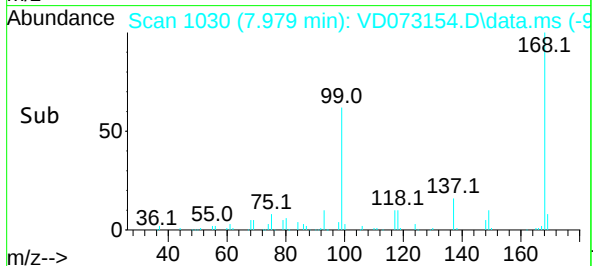
MSVOA_D

ClientSampleId :

P009-SS004-0006-01



Tgt Ion:	56	Resp:	5511
Ion Ratio	100	Lower	Upper
56	100		
69	202.3	25.4	38.2#
84	148.7	63.0	94.4#



#33

1,2-Dichloroethane-d4

Concen: 58.312 ug/l

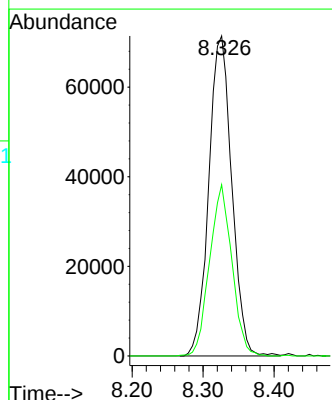
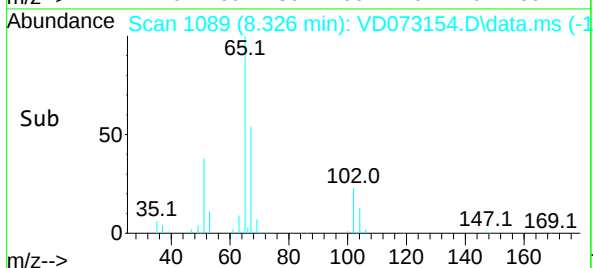
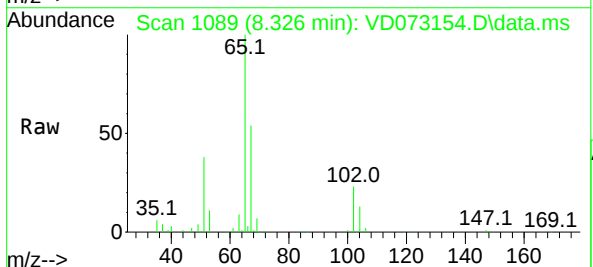
RT: 8.326 min Scan# 1089

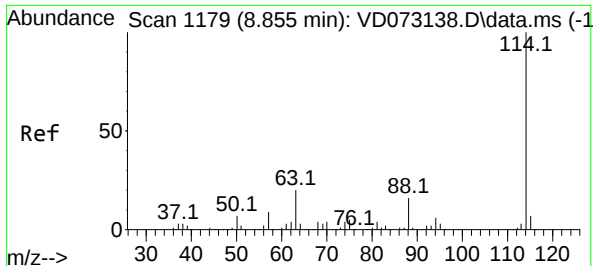
Delta R.T. 0.000 min

Lab File: VD073154.D

Acq: 19 May 2022 22:41

Tgt Ion:	65	Resp:	160310
Ion Ratio	100	Lower	Upper
65	100		
67	52.0	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073154.D

Acq: 19 May 2022 22:41

Instrument :

MSVOA_D

ClientSampleId :

P009-SS004-0006-01

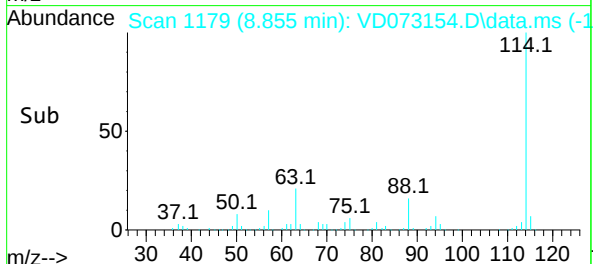
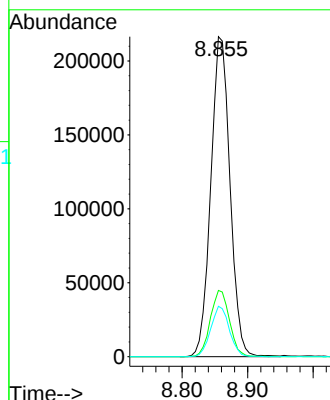
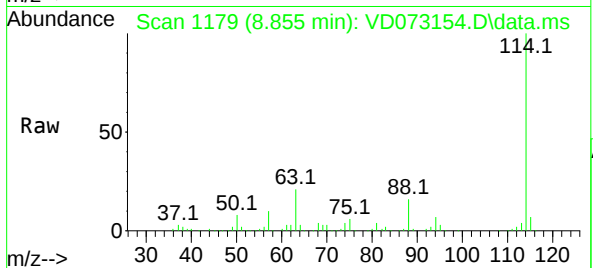
Tgt Ion:114 Resp: 439692

Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 56.055 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073154.D

Acq: 19 May 2022 22:41

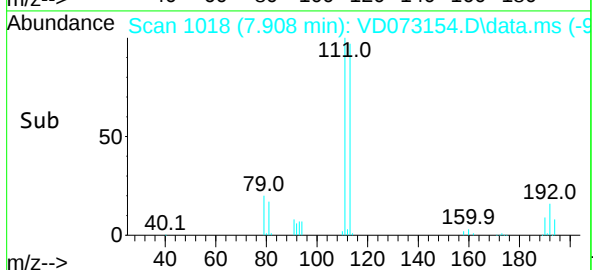
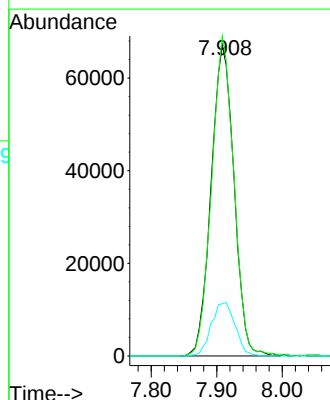
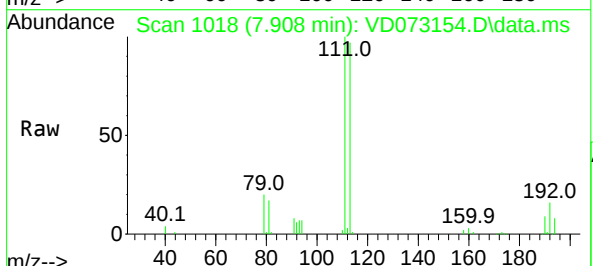
Tgt Ion:113 Resp: 162637

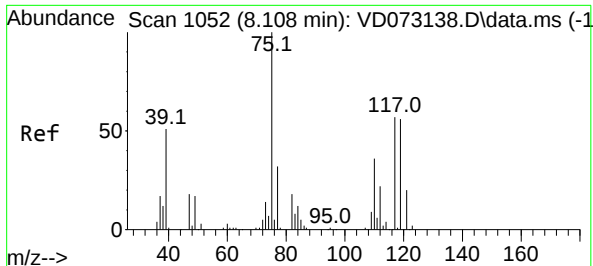
Ion Ratio Lower Upper

113 100

111 100.0 83.8 125.6

192 17.9 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.096 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD073154.D

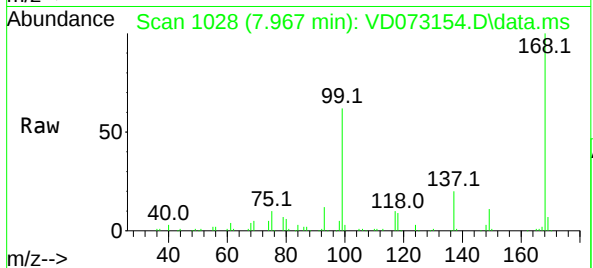
Acq: 19 May 2022 22:41

Instrument :

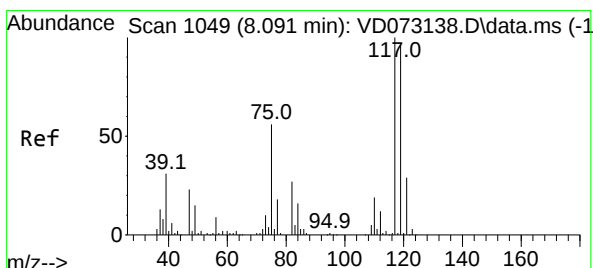
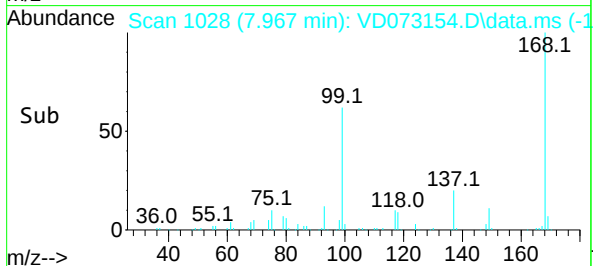
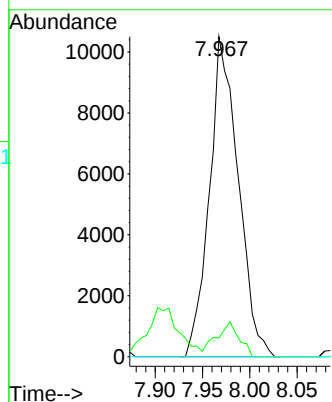
MSVOA_D

ClientSampleId :

P009-SS004-0006-01



Tgt Ion: 75	Resp: 22238
Ion Ratio	Lower Upper
75	100
110	8.6 16.4 49.1#
77	0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.989 ug/l

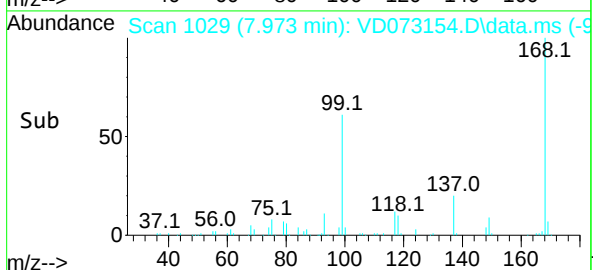
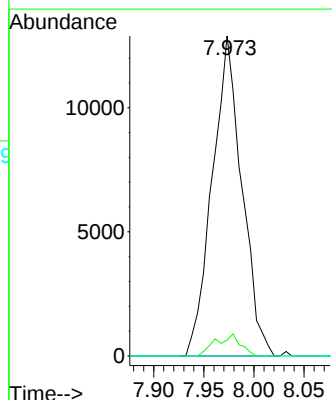
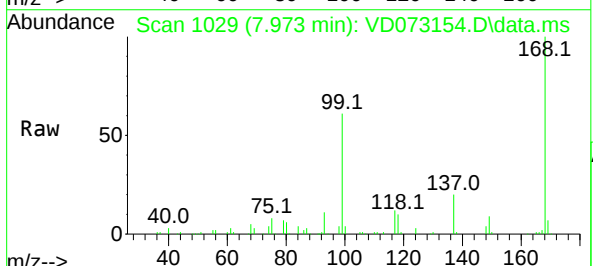
RT: 7.973 min Scan# 1029

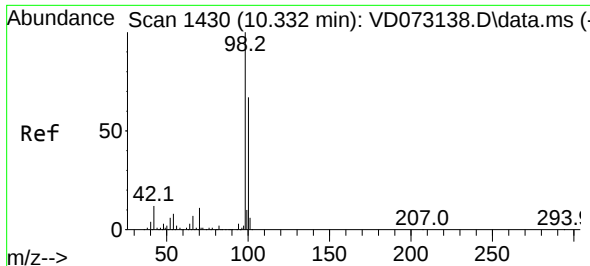
Delta R.T. -0.118 min

Lab File: VD073154.D

Acq: 19 May 2022 22:41

Tgt Ion: 117	Resp: 26491
Ion Ratio	Lower Upper
117	100
119	5.0 75.8 113.6#
121	0.0 24.5 36.7#

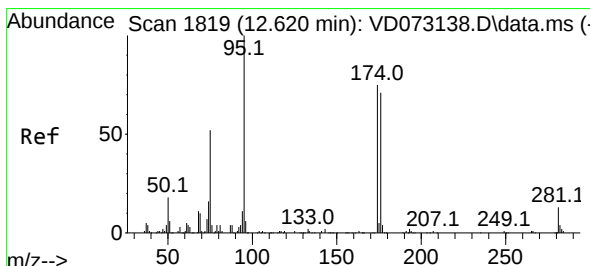
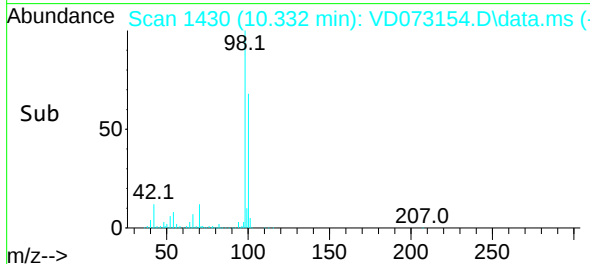
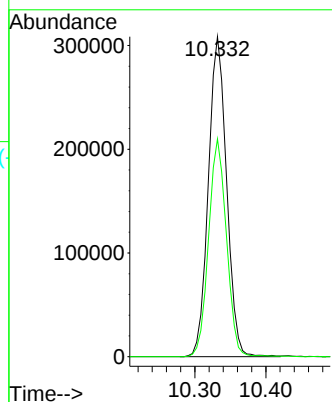
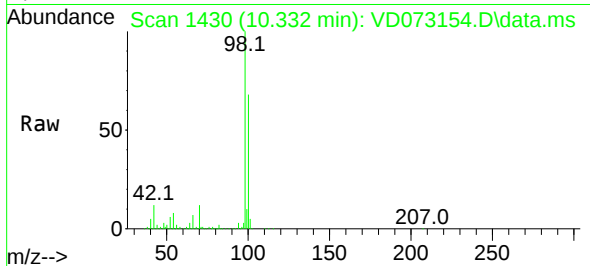




#50
Toluene-d8
Concen: 51.515 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073154.D
Acq: 19 May 2022 22:41

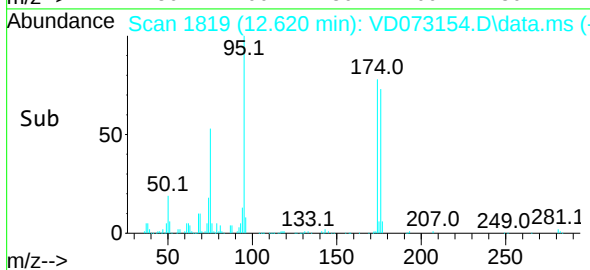
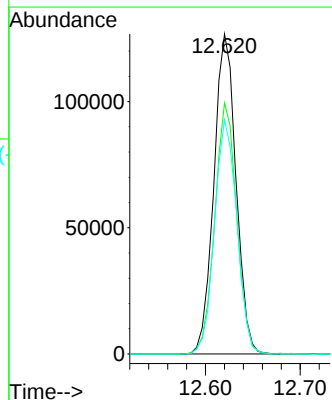
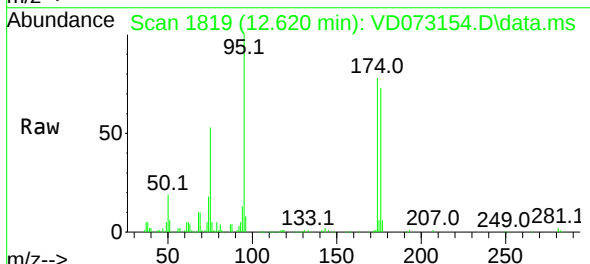
Instrument :
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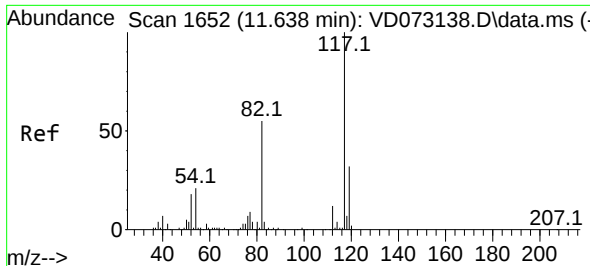
Tgt Ion: 98 Resp: 550963
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.810 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073154.D
Acq: 19 May 2022 22:41

Tgt Ion: 95 Resp: 205723
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 73.9 0.0 145.4

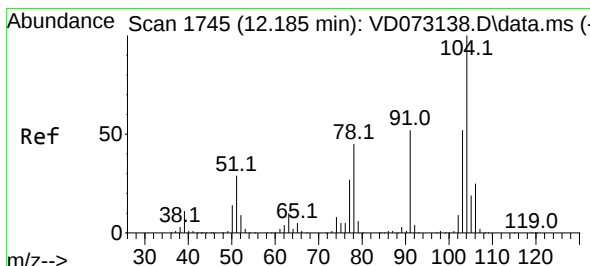
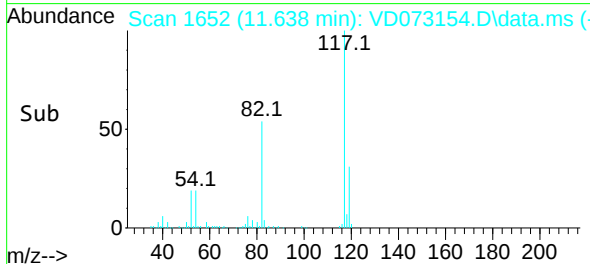
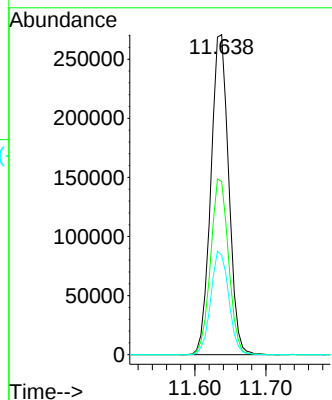
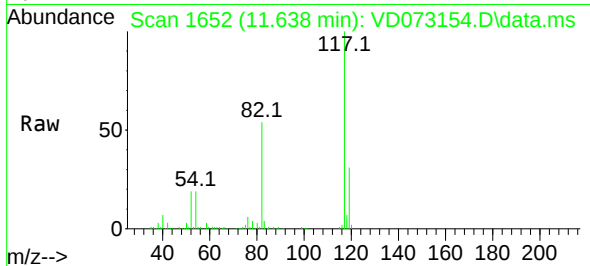




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073154.D
Acq: 19 May 2022 22:41

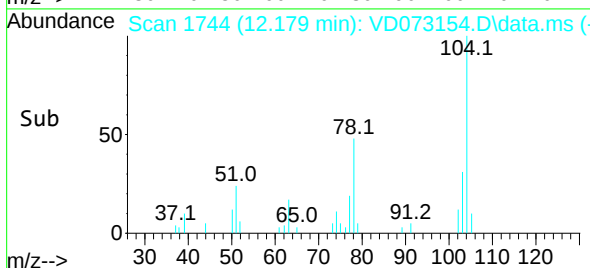
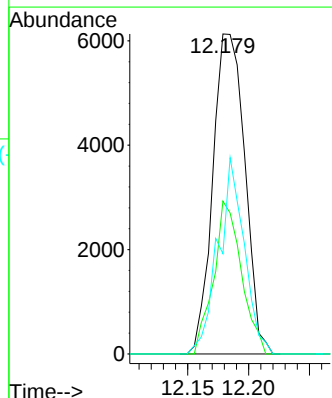
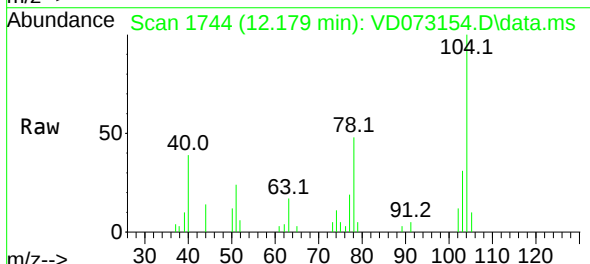
Instrument :
MSVOA_D
ClientSampleId :
P009-SS004-0006-01

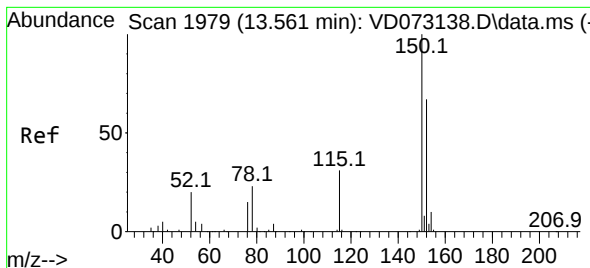
Tgt Ion:117 Resp: 472228
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 31.1 26.6 40.0



#70
Styrene
Concen: 1.072 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD073154.D
Acq: 19 May 2022 22:41

Tgt Ion:104 Resp: 11194
Ion Ratio Lower Upper
104 100
78 41.5 41.8 62.8#
103 50.0 44.2 66.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073154.D

Acq: 19 May 2022 22:41

Instrument :

MSVOA_D

ClientSampleId :

P009-SS004-0006-01

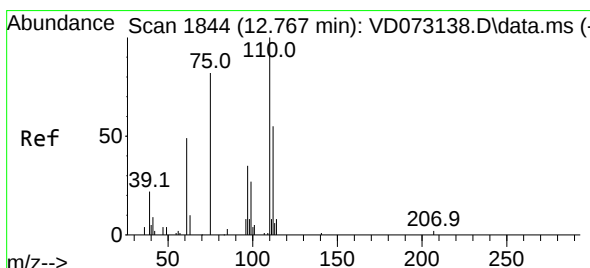
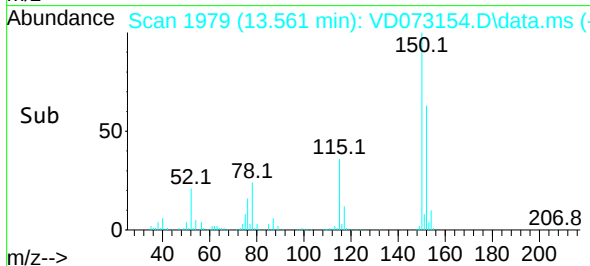
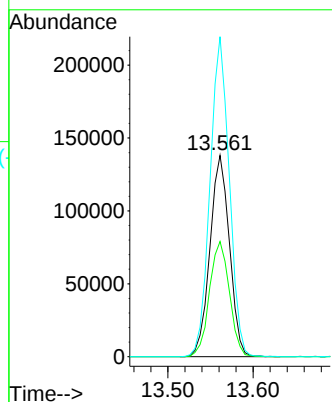
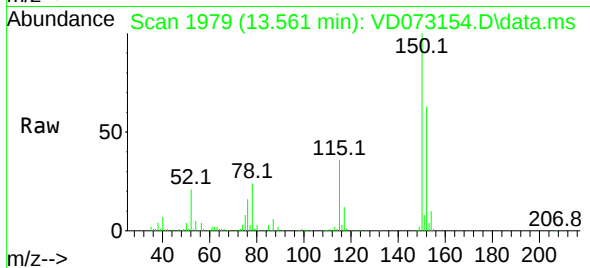
Tgt Ion:152 Resp: 219851

Ion Ratio Lower Upper

152 100

115 58.4 31.3 93.8

150 156.6 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 49.706 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073154.D

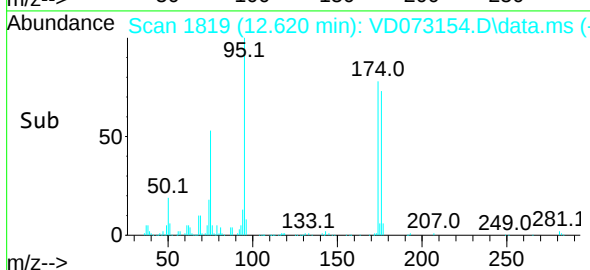
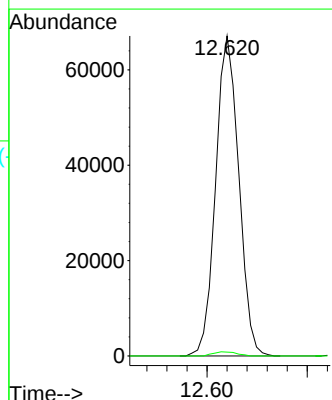
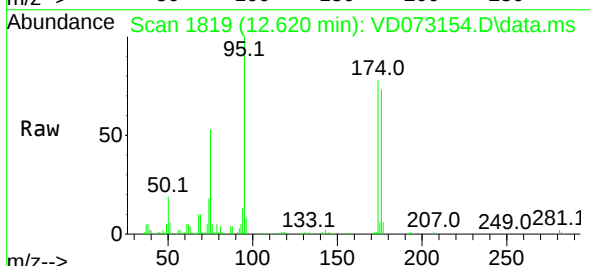
Acq: 19 May 2022 22:41

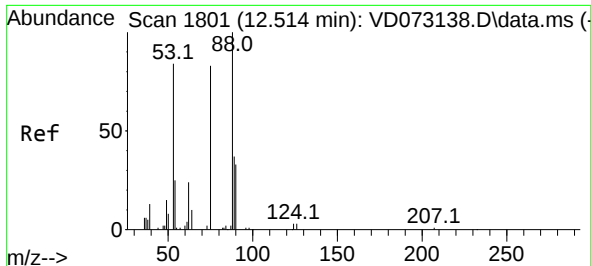
Tgt Ion: 75 Resp: 107222

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

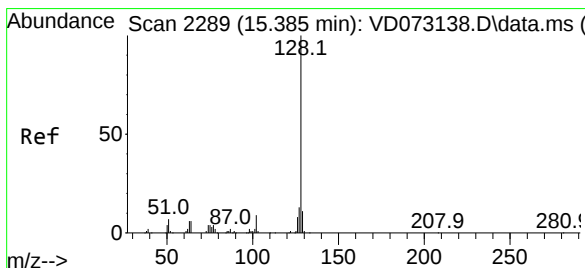
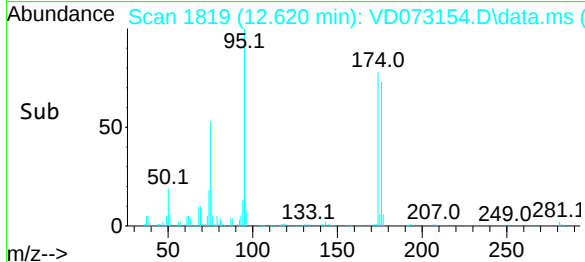
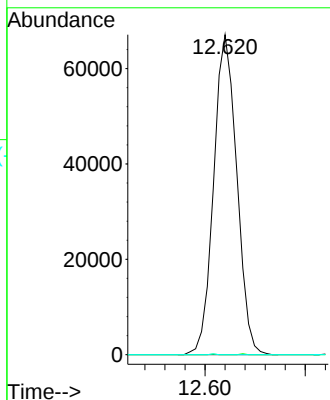
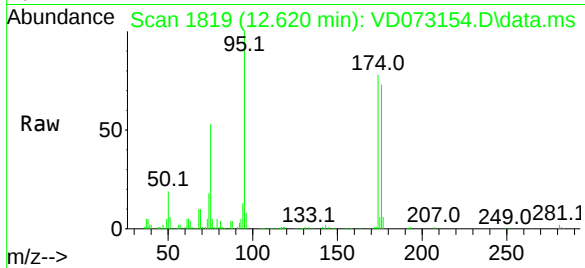




#81
trans-1,4-Dichloro-2-butene
Concen: 119.329 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073154.D
Acq: 19 May 2022 22:41

Instrument :
MSVOA_D
ClientSampleId :
P009-SS004-0006-01

Tgt Ion: 75 Resp: 107222
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 3.558 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.011 min
Lab File: VD073154.D
Acq: 19 May 2022 22:41

Tgt Ion: 128 Resp: 128
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

