

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073239.D
 Acq On : 21 May 2022 19:51
 Operator : VA/SY
 Sample : N2870-10
 Misc : 5.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P034-SS001-2430-01

Quant Time: May 22 01:33:50 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)

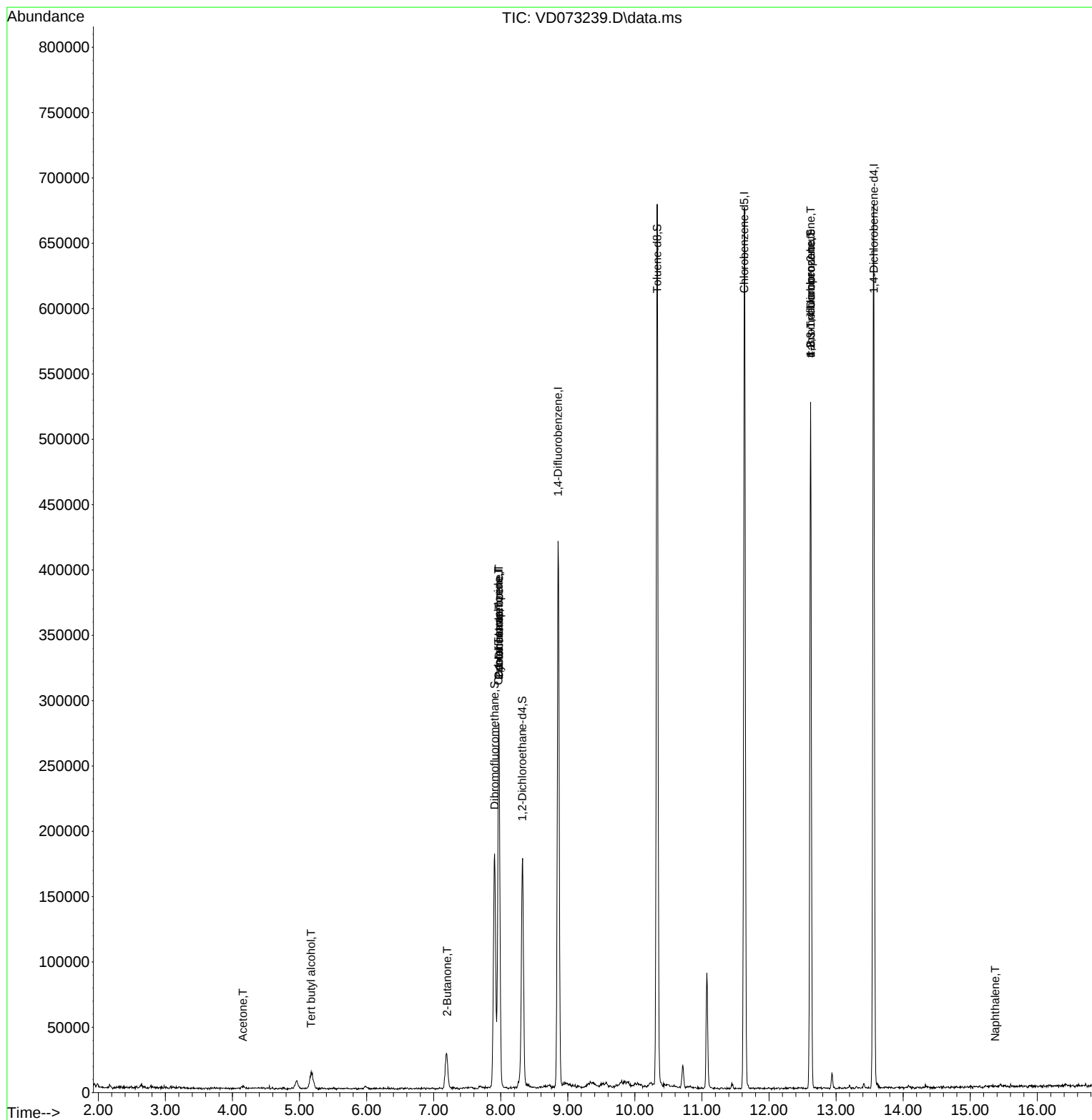
Internal Standards						
1) Pentafluorobenzene	7.973	168	199516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	353171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	389048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	181368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	137100	62.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.360%	
35) Dibromofluoromethane	7.909	113	132989	57.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.140%	
50) Toluene-d8	10.332	98	443837	51.665	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.340%	
62) 4-Bromofluorobenzene	12.620	95	167893	55.689	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.380%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.768	94	591	Below Cal	#	48
11) Tert butyl alcohol	5.173	59	11756	34.365	ug/l #	74
16) Acetone	4.156	43	3696	9.677	ug/l	94
20) Methylene Chloride	4.962	84	4926	Below Cal	#	68
25) 2-Butanone	7.203	43	1390	2.488	ug/l #	52
31) Cyclohexane	7.973	56	4640	1.204	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	17147	4.892	ug/l #	51
38) Carbon Tetrachloride	7.967	117	20749	5.840	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	85676	48.145	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	85676	115.582	ug/l #	7
95) Naphthalene	15.373	128	131	3.562	ug/l #	70

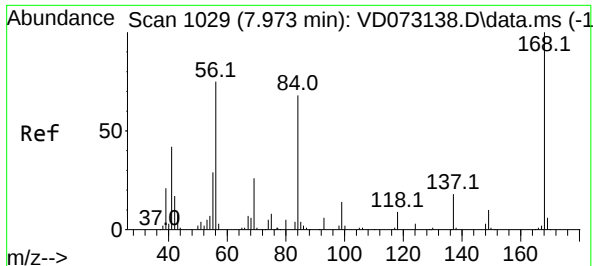
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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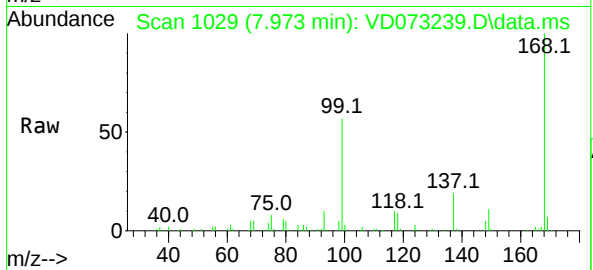
Quant Time: May 22 01:33:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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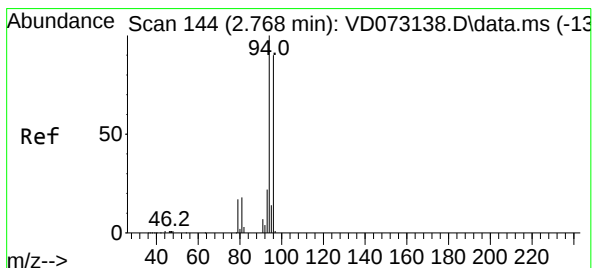
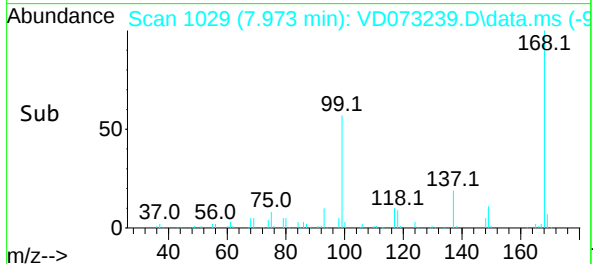
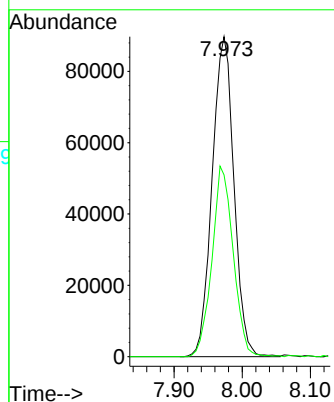


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-2430-01

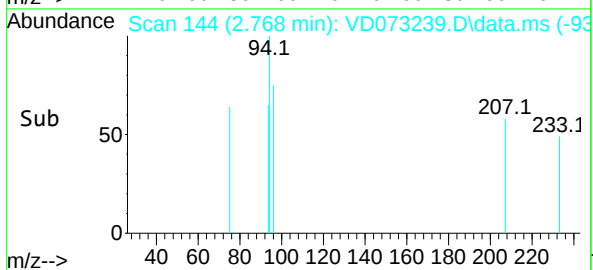
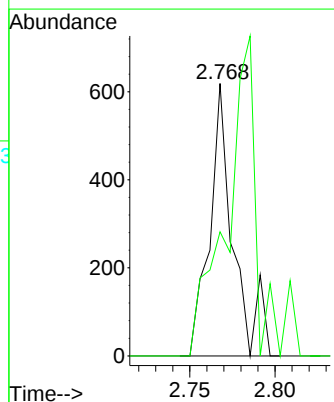
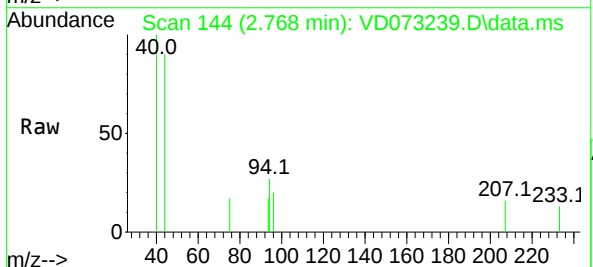


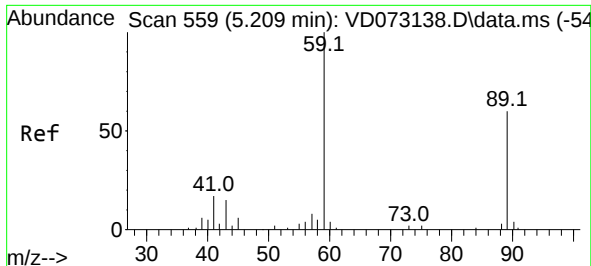
Tgt Ion:168 Resp: 199516
Ion Ratio Lower Upper
168 100
99 56.8 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

Tgt Ion: 94 Resp: 591
Ion Ratio Lower Upper
94 100
96 45.6 77.6 116.4#

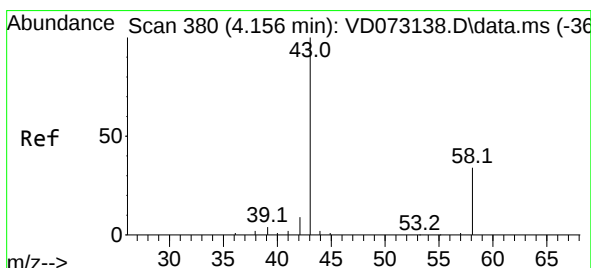
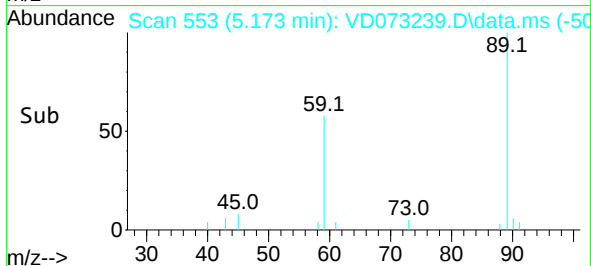
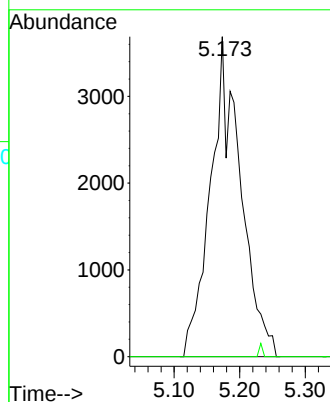
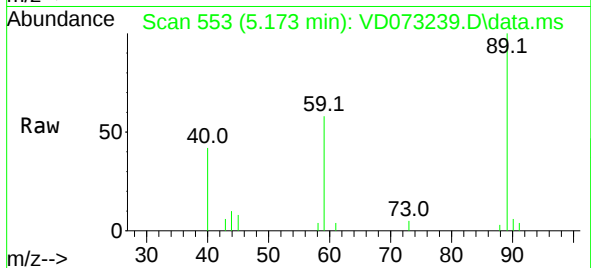




#11
Tert butyl alcohol
Concen: 34.365 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

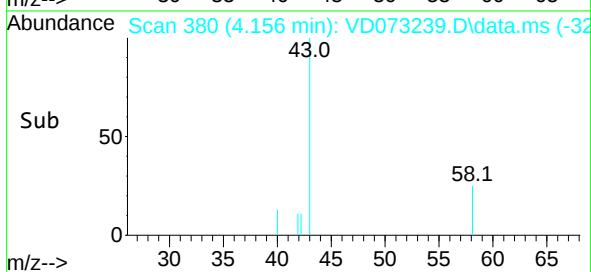
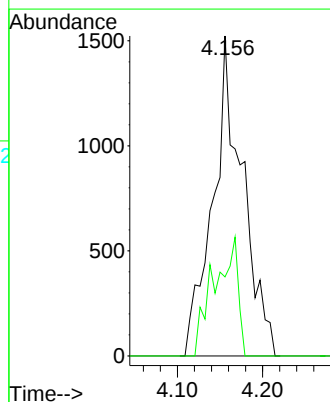
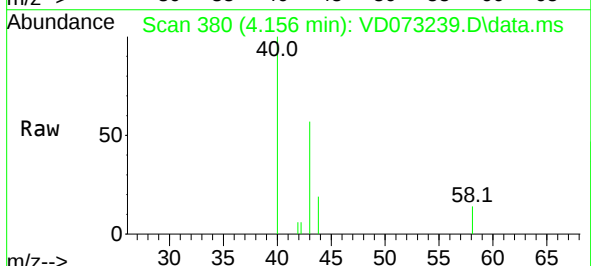
Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-2430-01

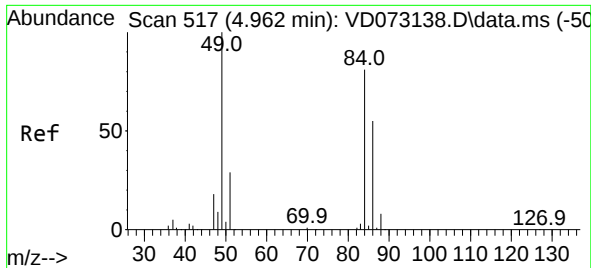
Tgt Ion: 59 Resp: 11756
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 9.677 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

Tgt Ion: 43 Resp: 3696
Ion Ratio Lower Upper
43 100
58 24.7 22.1 33.1

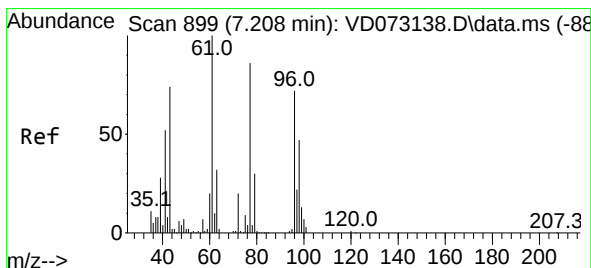
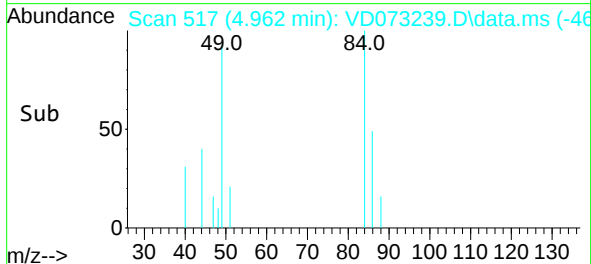
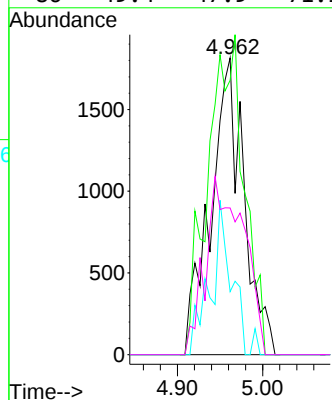
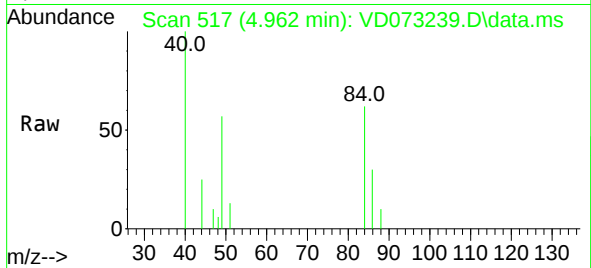




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

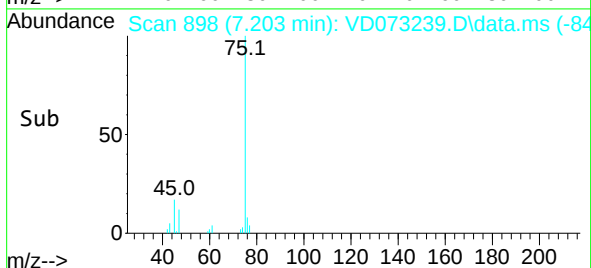
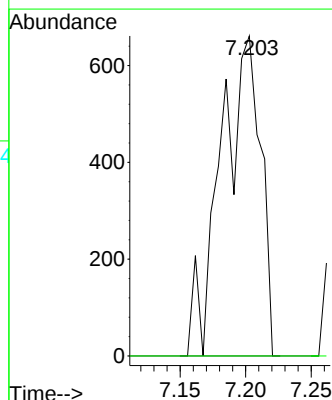
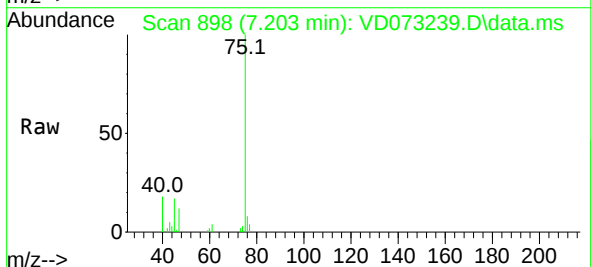
Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-2430-01

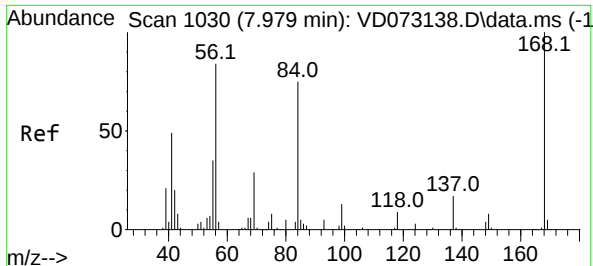
Tgt Ion:	84	Resp:	4926
Ion	Ratio	Lower	Upper
84	100		
49	92.5	112.8	169.2#
51	21.3	32.6	48.8#
86	49.4	47.9	71.9



#25
2-Butanone
Concen: 2.488 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.005 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

Tgt Ion:	43	Resp:	1390
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#31

Cyclohexane

Concen: 1.204 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073239.D

Acq: 21 May 2022 19:51

Instrument :

MSVOA_D

ClientSampleId :

P034-SS001-2430-01

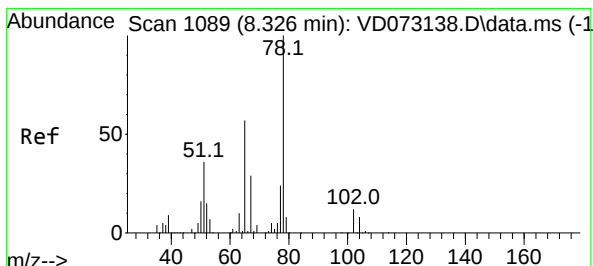
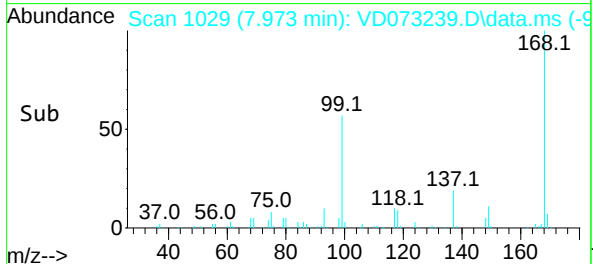
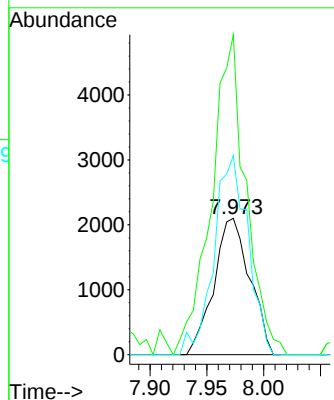
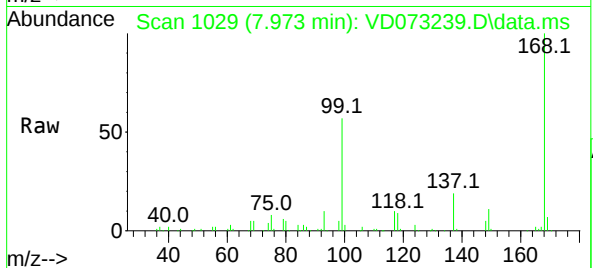
Tgt Ion: 56 Resp: 4640

Ion Ratio Lower Upper

56 100

69 225.8 25.4 38.2#

84 146.0 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 62.179 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073239.D

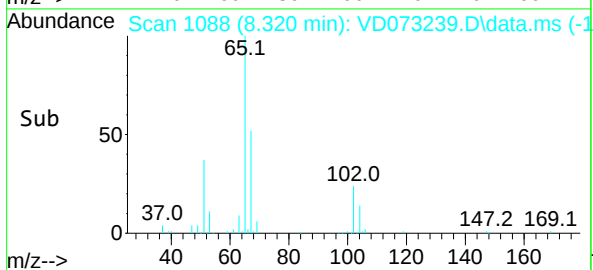
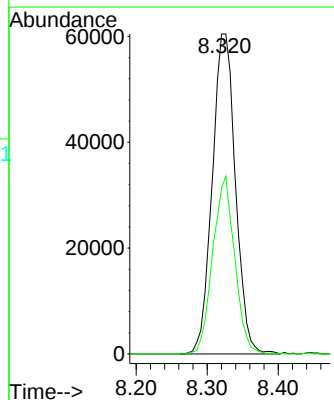
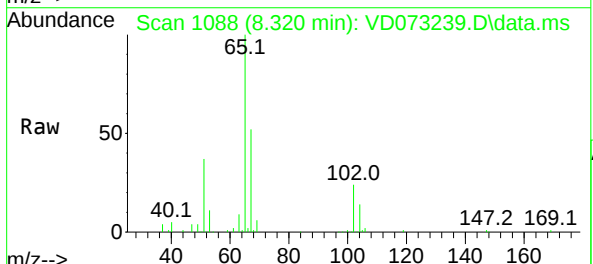
Acq: 21 May 2022 19:51

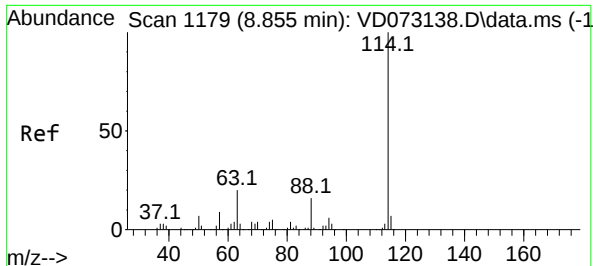
Tgt Ion: 65 Resp: 137100

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073239.D

Acq: 21 May 2022 19:51

Instrument :

MSVOA_D

ClientSampleId :

P034-SS001-2430-01

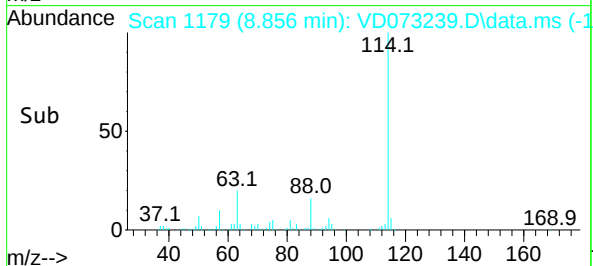
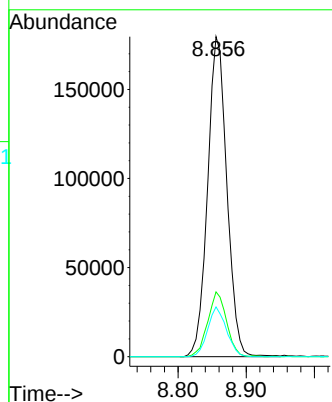
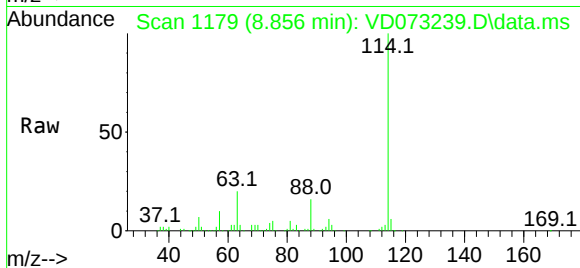
Tgt Ion:114 Resp: 353171

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 57.066 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073239.D

Acq: 21 May 2022 19:51

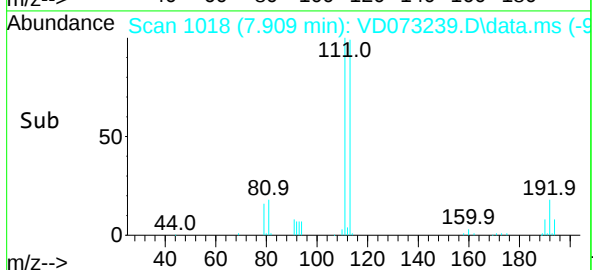
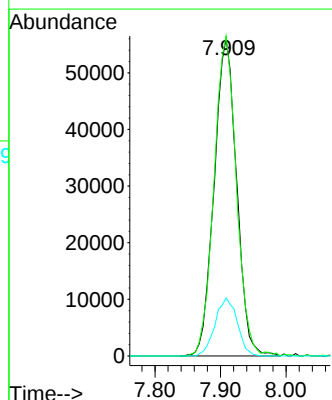
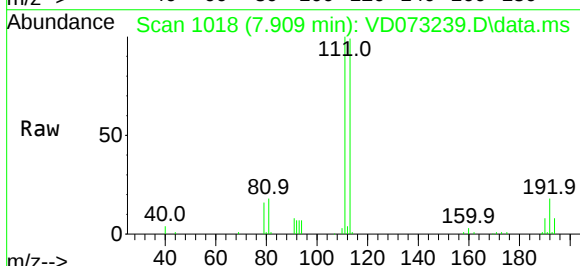
Tgt Ion:113 Resp: 132989

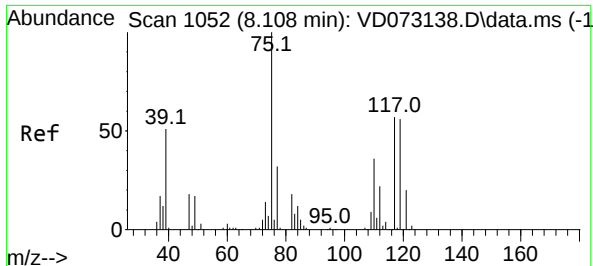
Ion Ratio Lower Upper

113 100

111 100.5 83.8 125.6

192 18.0 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.892 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073239.D

Acq: 21 May 2022 19:51

Instrument :

MSVOA_D

ClientSampleId :

P034-SS001-2430-01

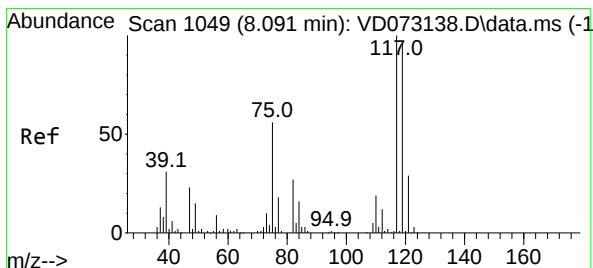
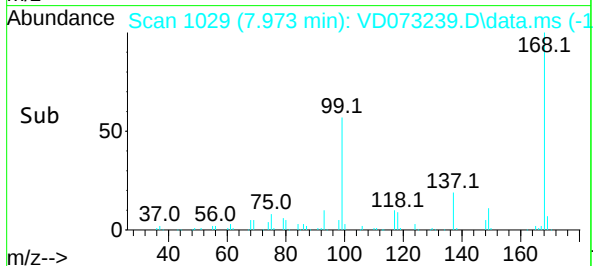
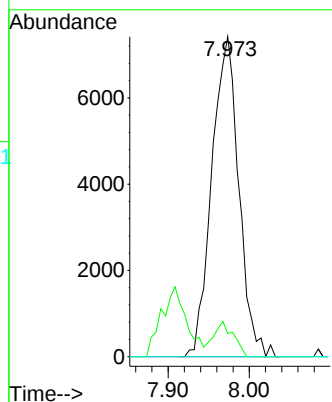
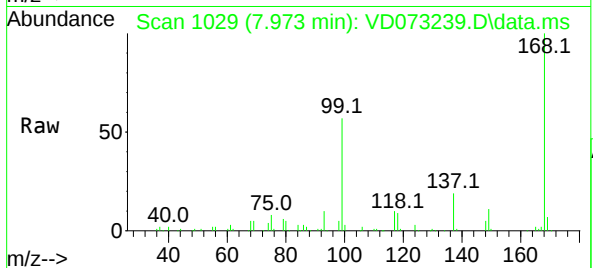
Tgt Ion: 75 Resp: 17147

Ion Ratio Lower Upper

75 100

110 8.2 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.840 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.124 min

Lab File: VD073239.D

Acq: 21 May 2022 19:51

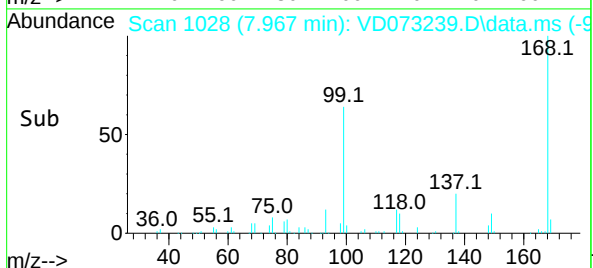
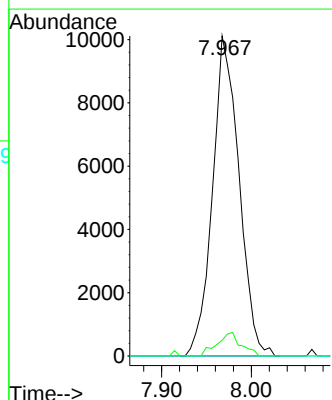
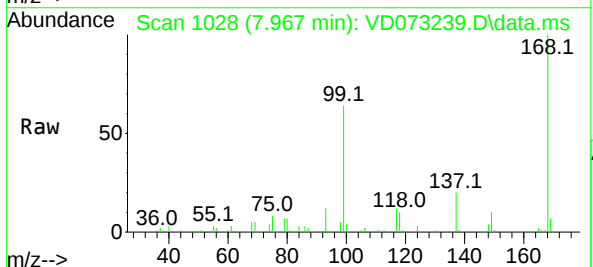
Tgt Ion: 117 Resp: 20749

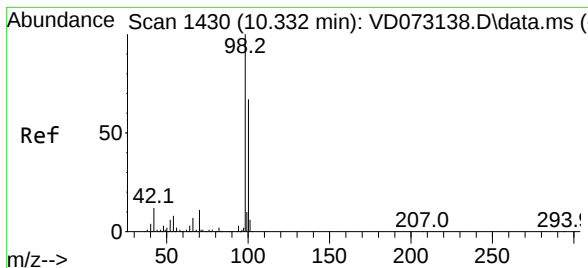
Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

121 0.0 24.5 36.7#

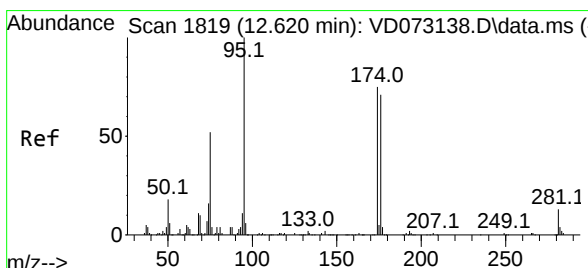
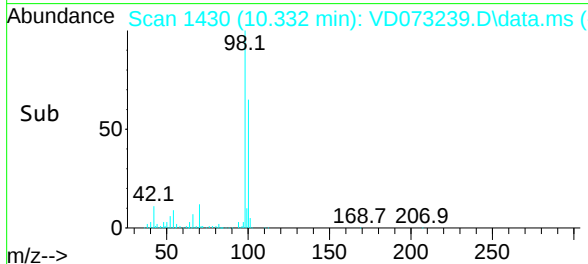
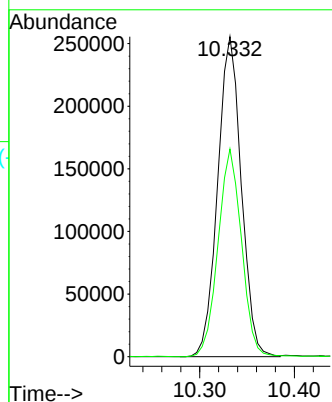
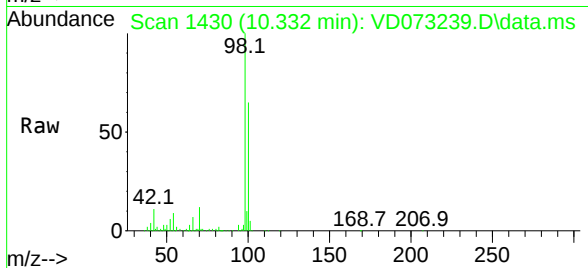




#50
Toluene-d8
Concen: 51.665 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

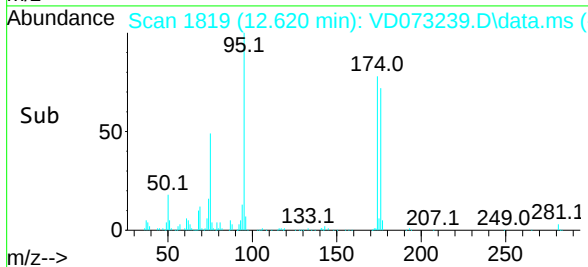
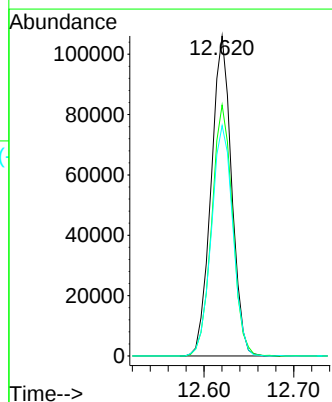
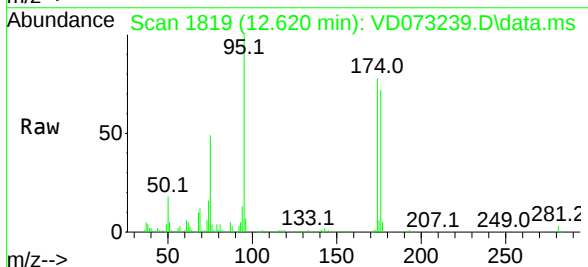
Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-2430-01

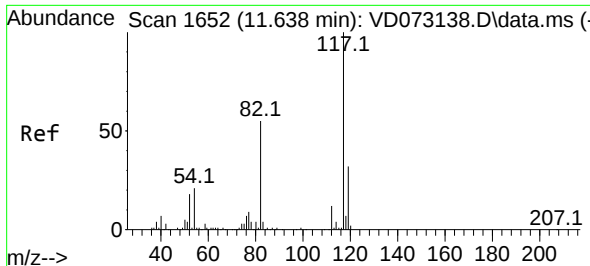
Tgt Ion: 98 Resp: 443837
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.689 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

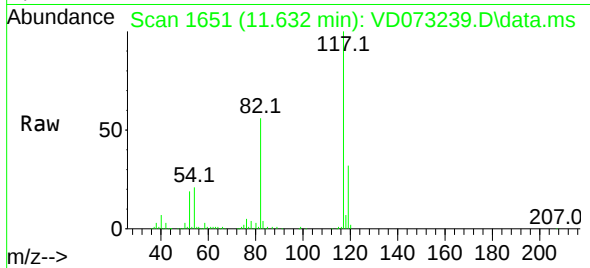
Tgt Ion: 95 Resp: 167893
Ion Ratio Lower Upper
95 100
174 79.5 0.0 152.8
176 75.4 0.0 145.4



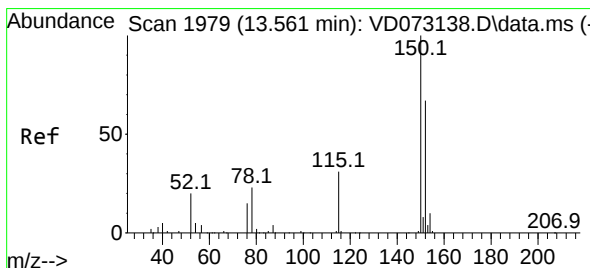
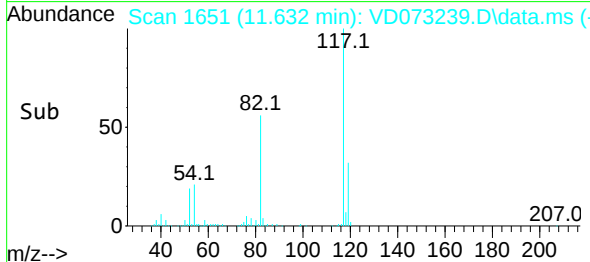
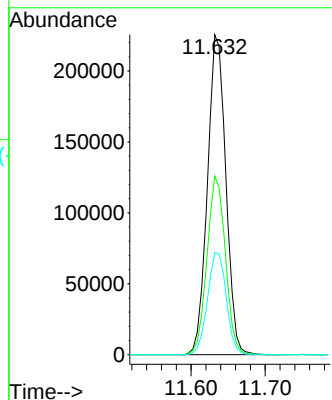


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-2430-01

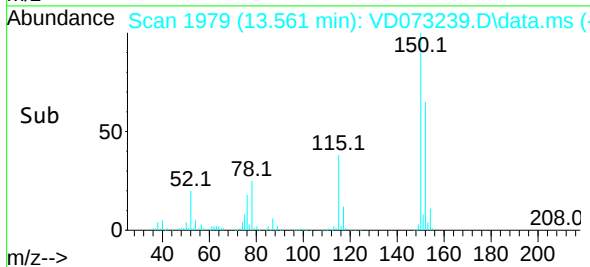
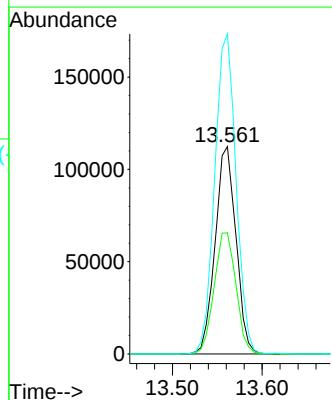
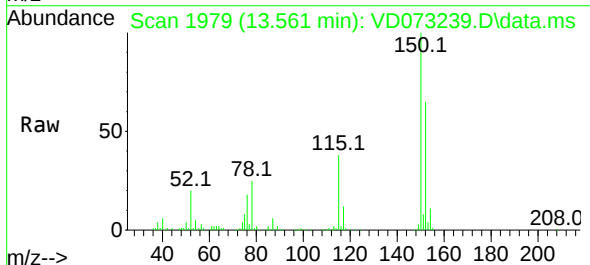


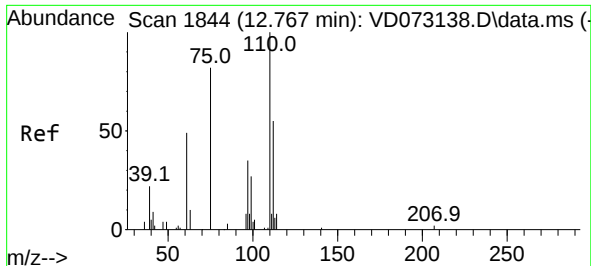
Tgt Ion:117 Resp: 389048
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 31.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

Tgt Ion:152 Resp: 181368
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 157.5 0.0 348.6

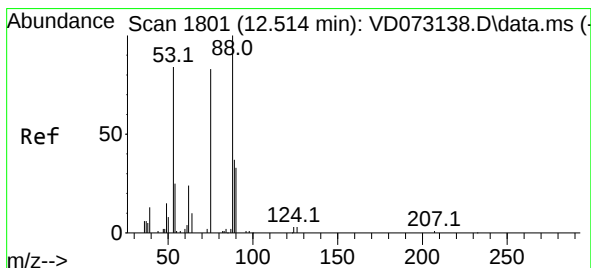
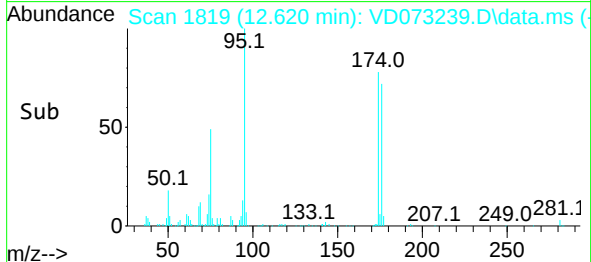
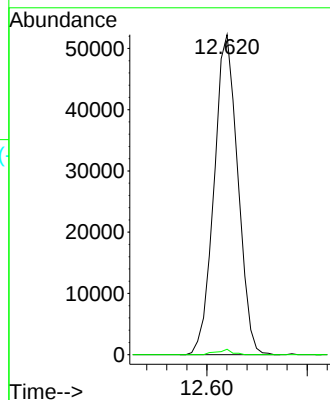
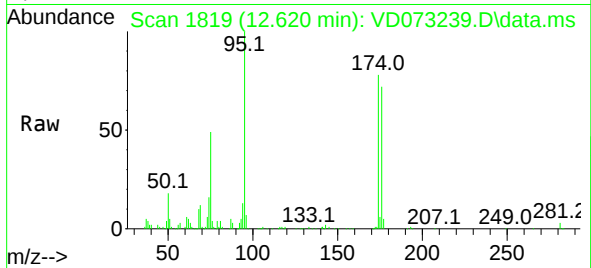




#76
1,2,3-Trichloropropane
Concen: 48.145 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

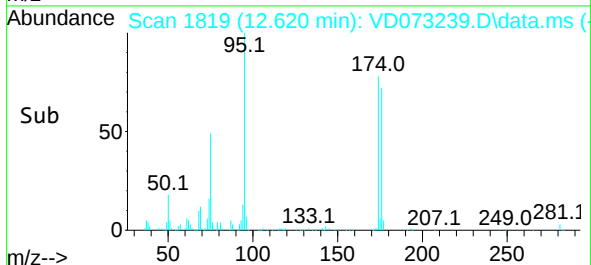
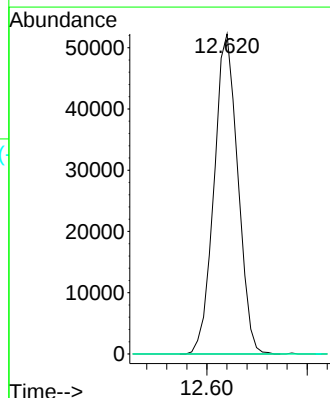
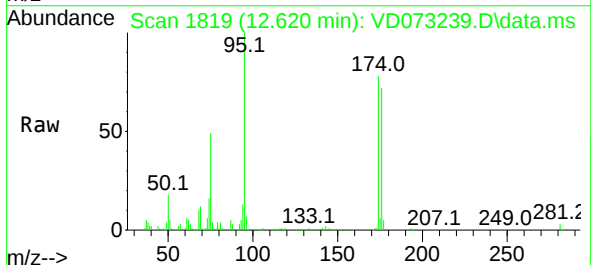
Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-2430-01

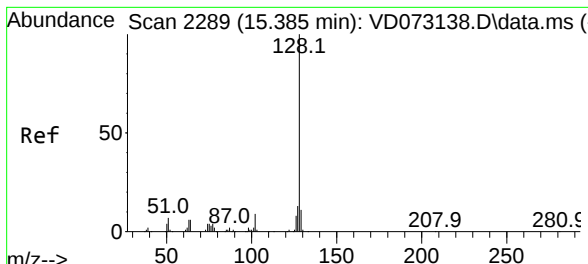
Tgt Ion: 75 Resp: 85676
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.582 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

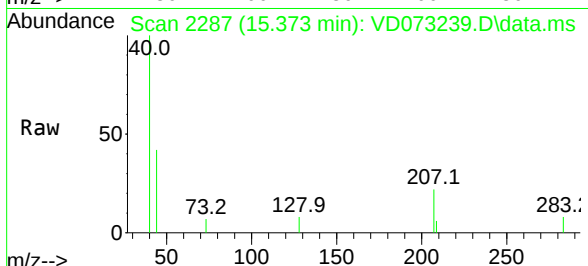
Tgt Ion: 75 Resp: 85676
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
 Naphthalene
 Concen: 3.562 ug/l
 RT: 15.373 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VD073239.D
 Acq: 21 May 2022 19:51

Instrument :
 MSVOA_D
 ClientSampleId :
 P034-SS001-2430-01



Tgt Ion:	128	Resp:	131
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

