

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073204.D
 Acq On : 21 May 2022 01:08
 Operator : VA/SY
 Sample : N2885-06
 Misc : 4.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P004-SS003-0006-01

Quant Time: May 21 03:54:19 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)

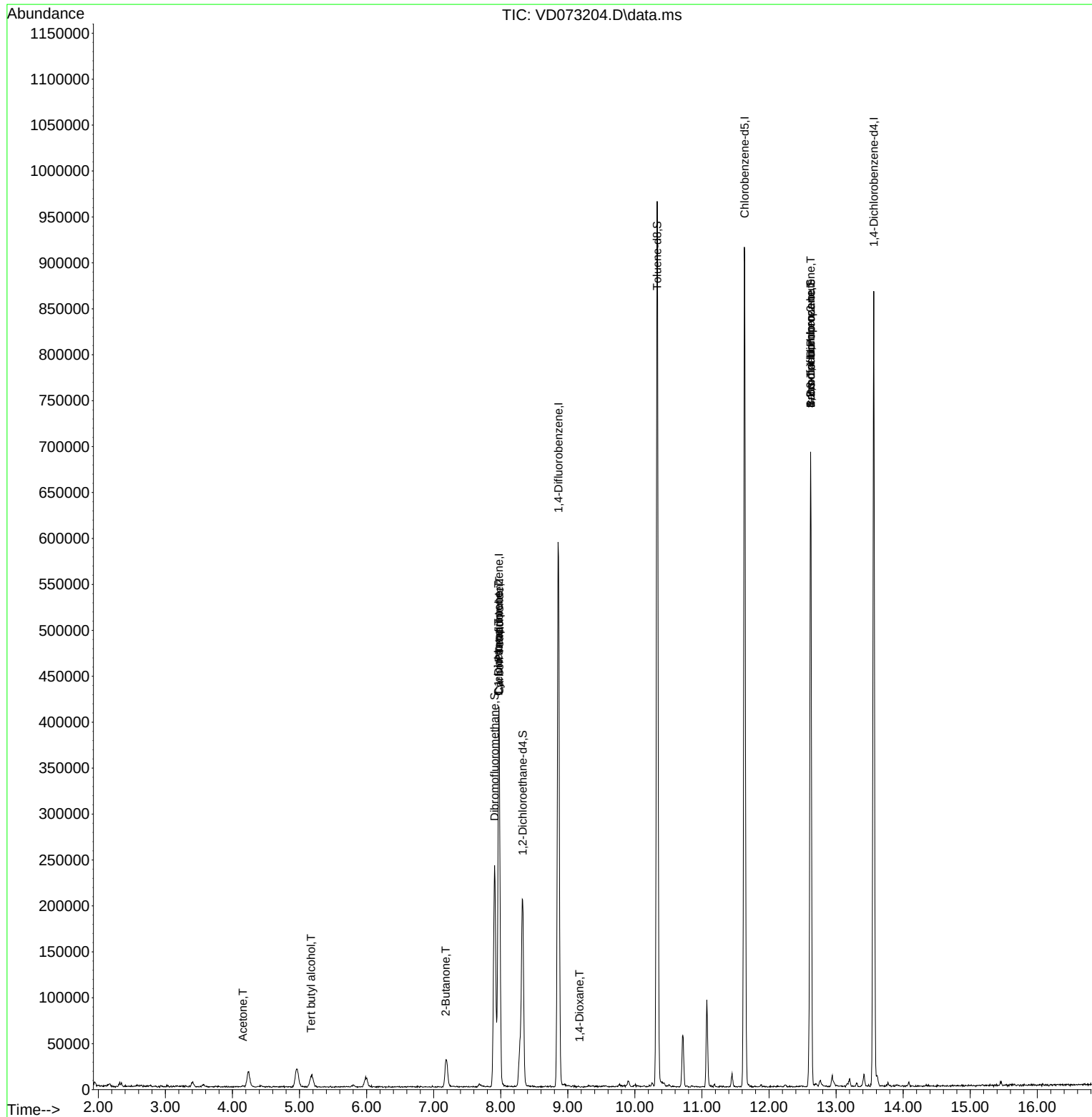
Internal Standards						
1) Pentafluorobenzene	7.973	168	291894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	509808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	530120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	225007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	160063	49.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.240%
35) Dibromofluoromethane	7.908	113	173957	51.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.420%
50) Toluene-d8	10.332	98	630363	50.833	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.660%
62) 4-Bromofluorobenzene	12.620	95	221972	51.005	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.020%
Target Compounds						
					Qvalue	
5) Bromomethane	2.768	94	431	Below Cal	#	44
11) Tert butyl alcohol	5.173	59	12358	24.692	ug/l #	74
16) Acetone	4.156	43	1476	2.642	ug/l #	37
25) 2-Butanone	7.179	43	1657	2.027	ug/l	95
31) Cyclohexane	7.967	56	7082	1.256	ug/l #	8
36) 1,1-Dichloropropene	7.967	75	25089	4.959	ug/l #	51
38) Carbon Tetrachloride	7.979	117	32019	6.243	ug/l #	17
49) 1,4-Dioxane	9.173	88	53	2.545	ug/l #	21
71) Bromoform	12.620	173	2085	1.004	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	114196	51.726	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	114196	124.178	ug/l #	7

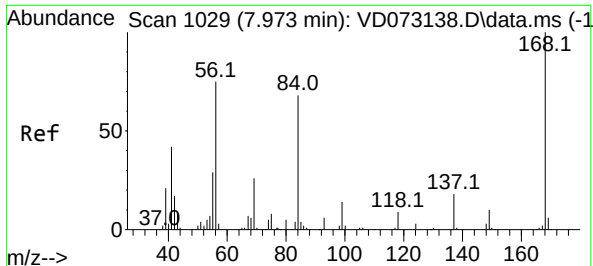
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 21 03:54:19 2022
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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

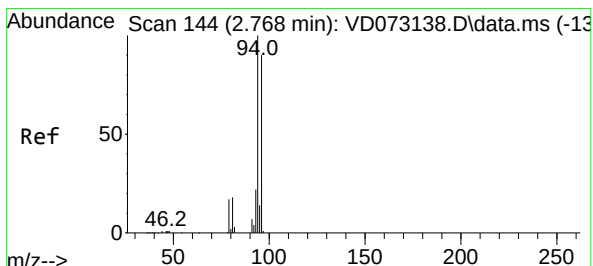
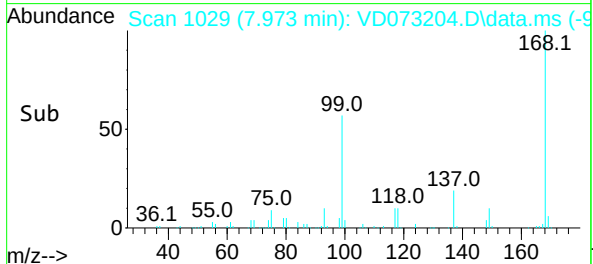
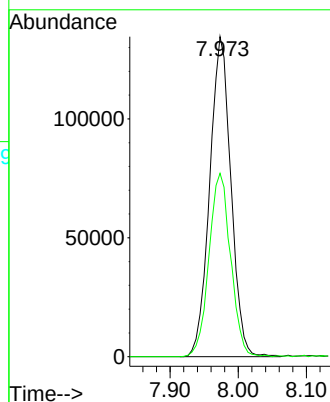
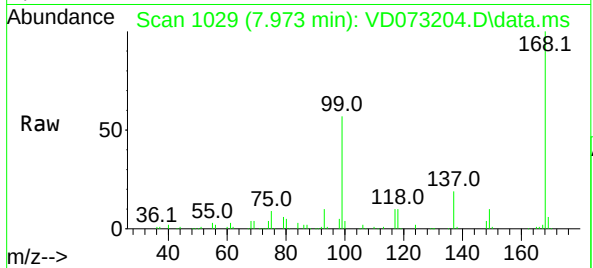




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073204.D
Acq: 21 May 2022 01:08

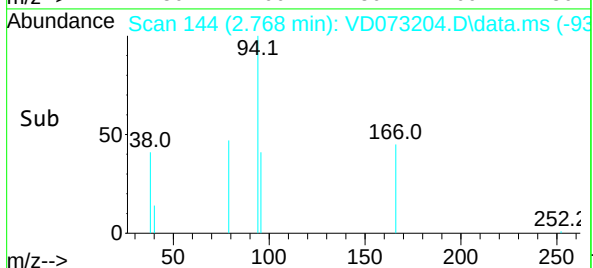
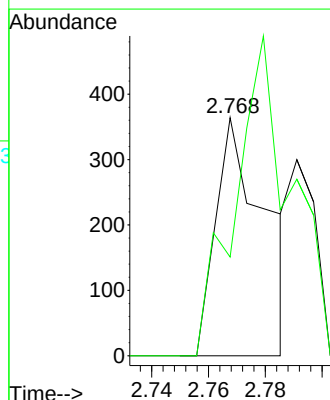
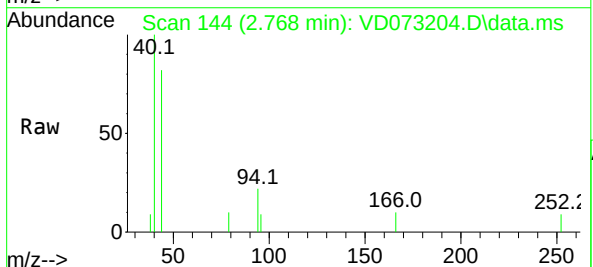
Instrument :
MSVOA_D
ClientSampleId :
P004-SS003-0006-01

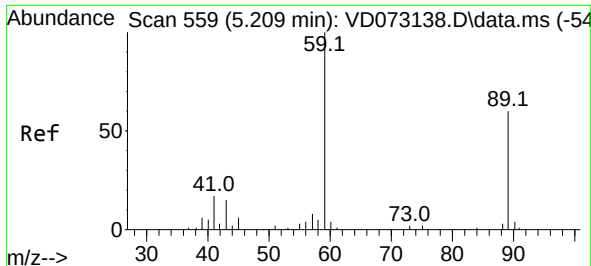
Tgt Ion:168 Resp: 291894
Ion Ratio Lower Upper
168 100
99 57.3 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD073204.D
Acq: 21 May 2022 01:08

Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 41.5 77.6 116.4#

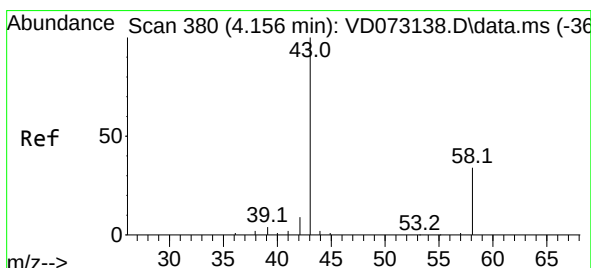
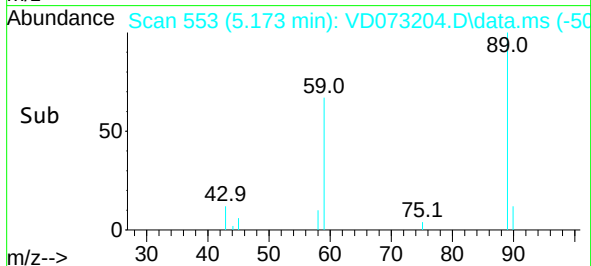
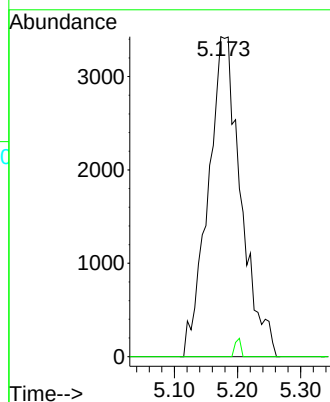
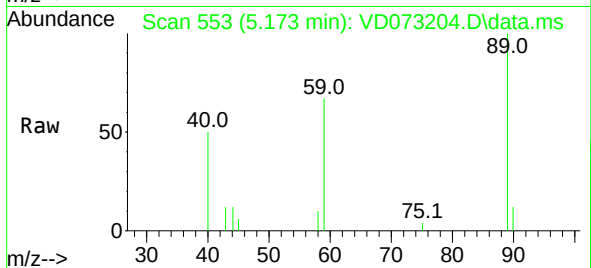




#11
Tert butyl alcohol
Concen: 24.692 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD073204.D
Acq: 21 May 2022 01:08

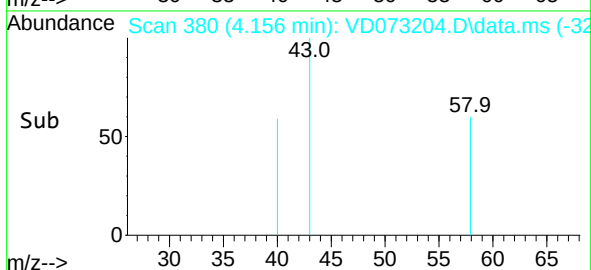
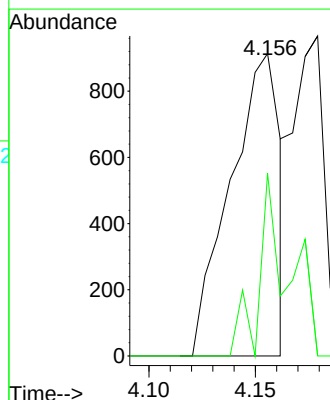
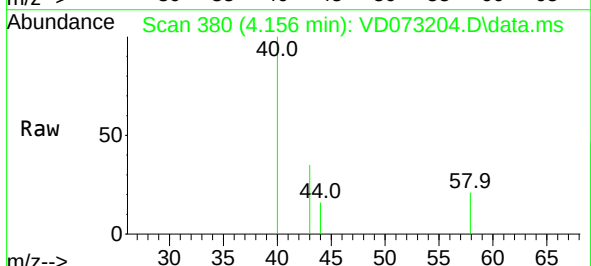
Instrument :
MSVOA_D
ClientSampleId :
P004-SS003-0006-01

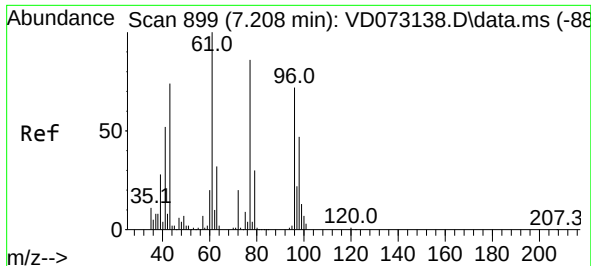
Tgt Ion: 59 Resp: 12358
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.642 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073204.D
Acq: 21 May 2022 01:08

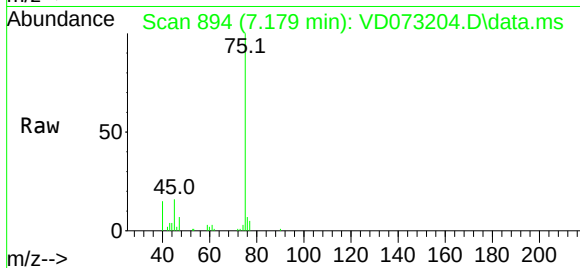
Tgt Ion: 43 Resp: 1476
Ion Ratio Lower Upper
43 100
58 60.4 22.1 33.1#



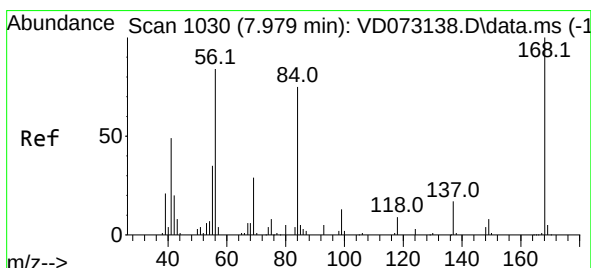
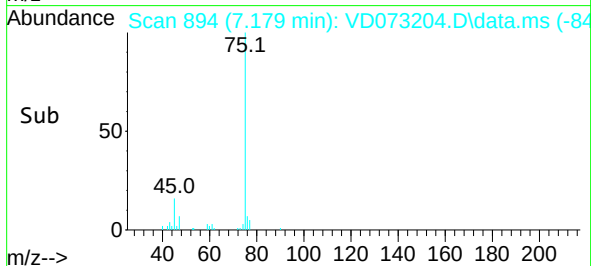
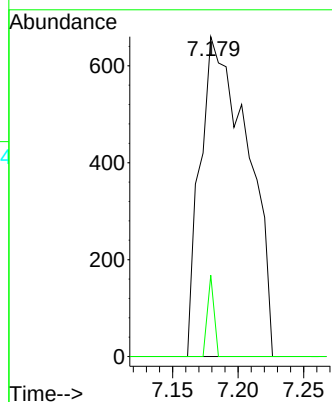


#25
2-Butanone
Concen: 2.027 ug/l
RT: 7.179 min Scan# 899
Delta R.T. -0.029 min
Lab File: VD073204.D
Acq: 21 May 2022 01:08

Instrument :
MSVOA_D
ClientSampleId :
P004-SS003-0006-01

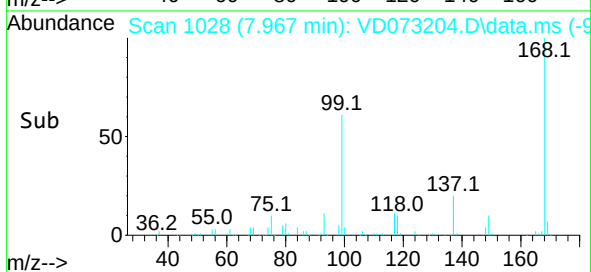
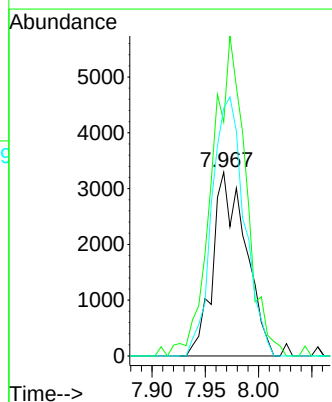
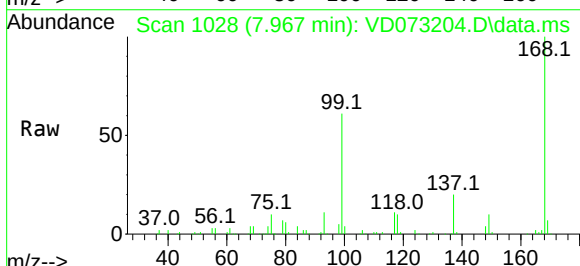


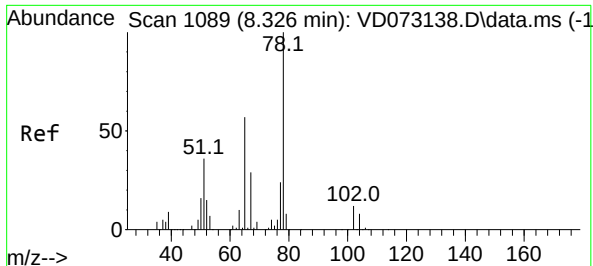
Tgt Ion: 43 Resp: 1657
Ion Ratio Lower Upper
43 100
72 25.5 18.6 27.8



#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073204.D
Acq: 21 May 2022 01:08

Tgt Ion: 56 Resp: 7082
Ion Ratio Lower Upper
56 100
69 121.9 25.4 38.2#
84 134.8 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 49.619 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073204.D

Acq: 21 May 2022 01:08

Instrument :

MSVOA_D

ClientSampleId :

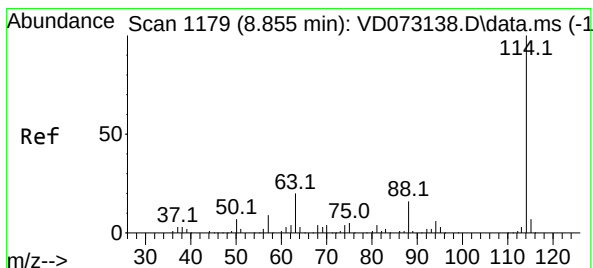
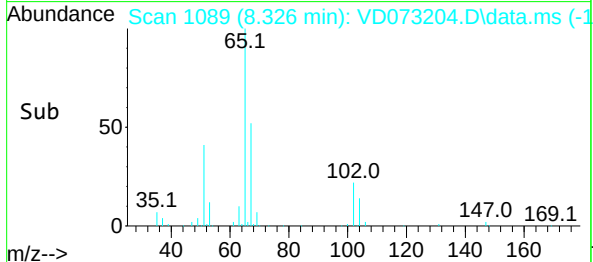
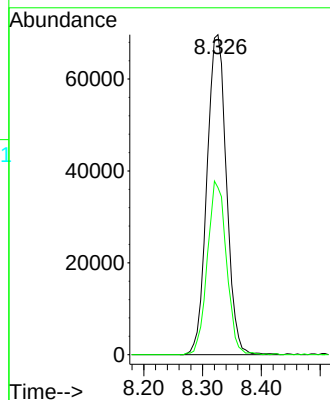
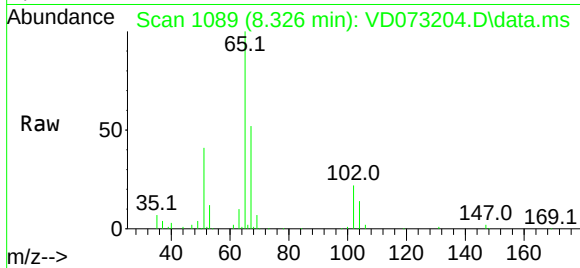
P004-SS003-0006-01

Tgt Ion: 65 Resp: 160063

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073204.D

Acq: 21 May 2022 01:08

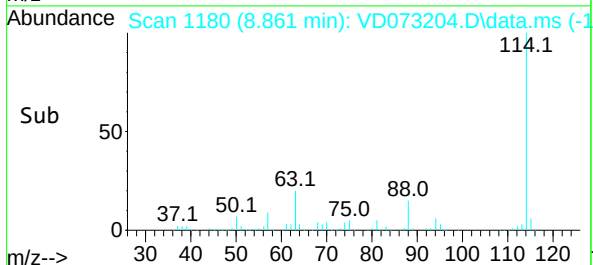
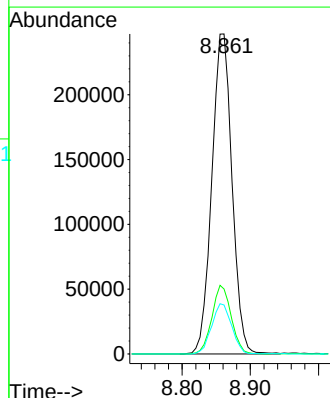
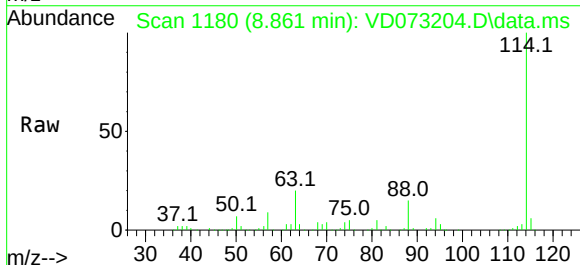
Tgt Ion: 114 Resp: 509808

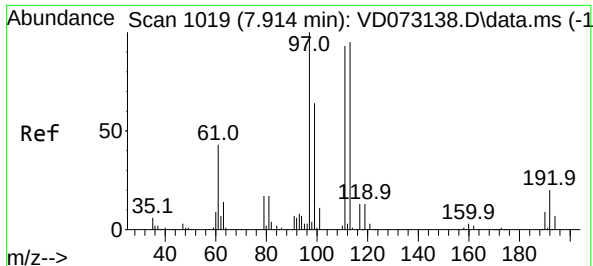
Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.711 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073204.D

Acq: 21 May 2022 01:08

Instrument :

MSVOA_D

ClientSampleId :

P004-SS003-0006-01

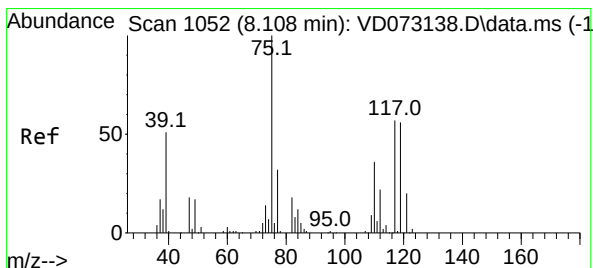
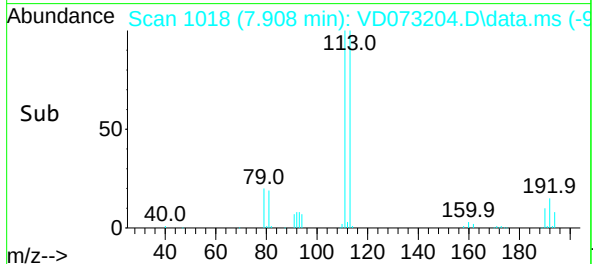
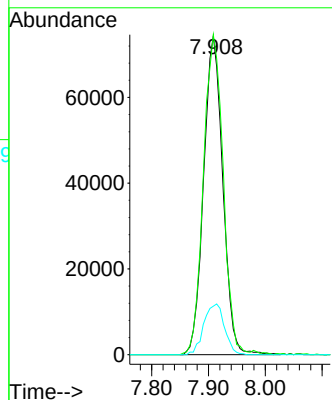
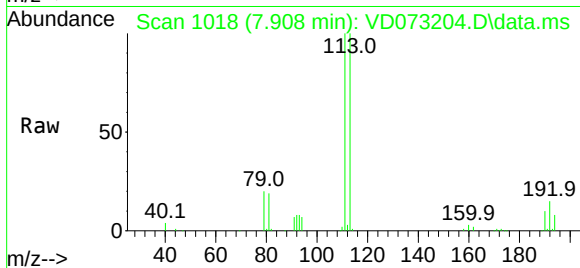
Tgt Ion:113 Resp: 173957

Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 17.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.959 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD073204.D

Acq: 21 May 2022 01:08

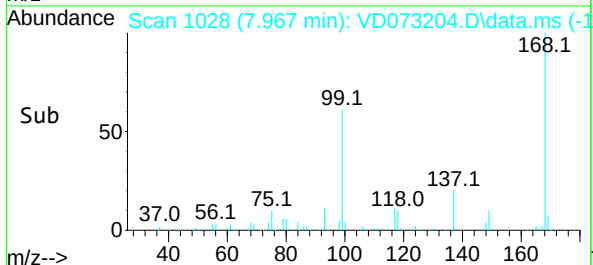
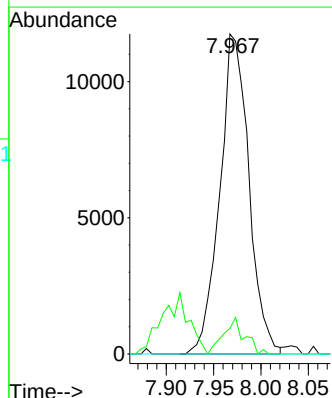
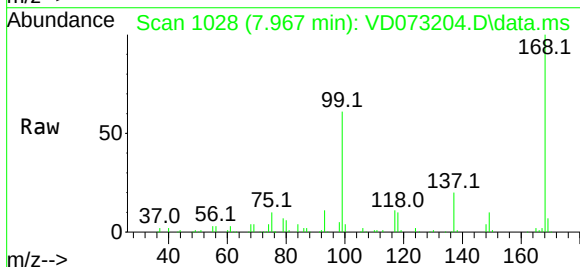
Tgt Ion: 75 Resp: 25089

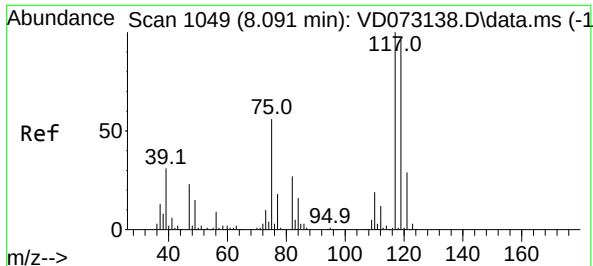
Ion Ratio Lower Upper

75 100

110 8.2 16.4 49.1#

77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 6.243 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.112 min

Lab File: VD073204.D

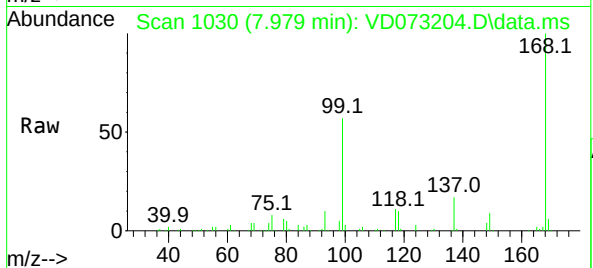
Acq: 21 May 2022 01:08

Instrument :

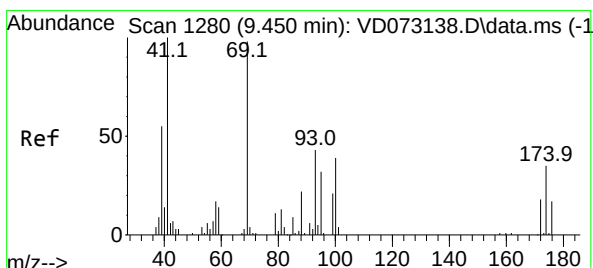
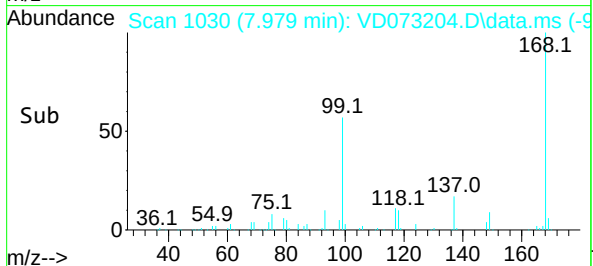
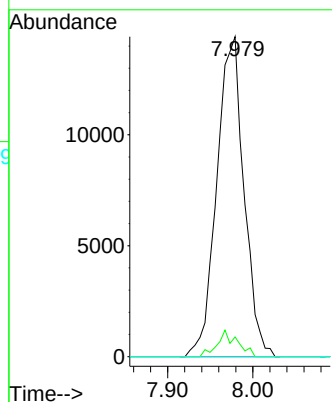
MSVOA_D

ClientSampleId :

P004-SS003-0006-01



Tgt Ion:	117	Resp:	32019
Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.8	113.6#
121	0.0	24.5	36.7#



#49

1,4-Dioxane

Concen: 2.545 ug/l

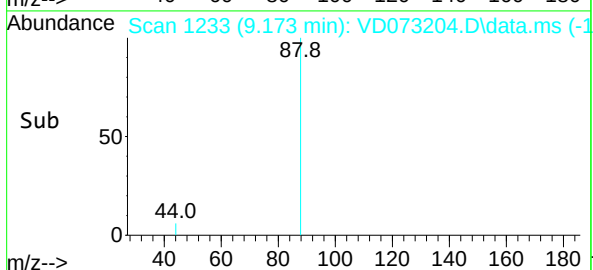
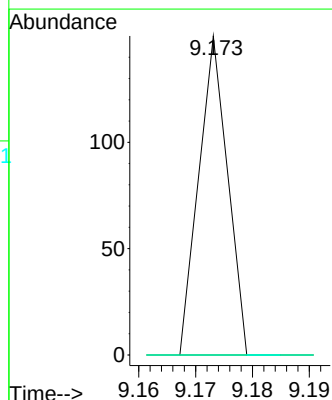
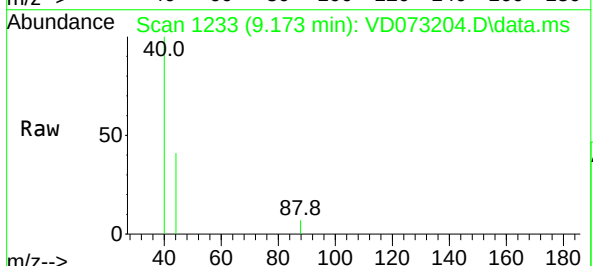
RT: 9.173 min Scan# 1233

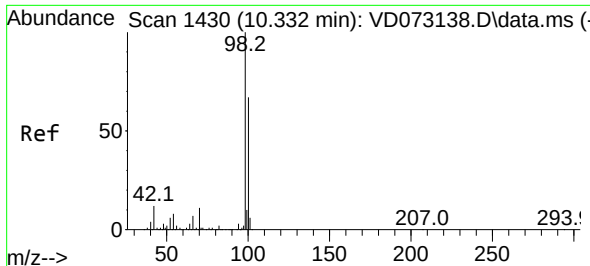
Delta R.T. -0.277 min

Lab File: VD073204.D

Acq: 21 May 2022 01:08

Tgt Ion:	88	Resp:	53
Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.0	46.4#
58	0.0	58.1	87.1#

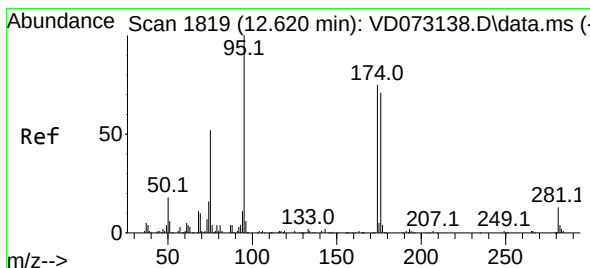
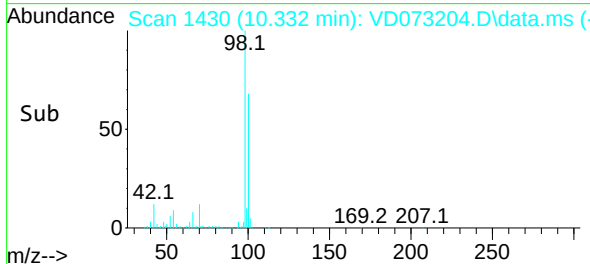
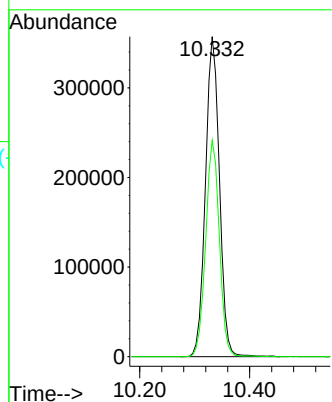
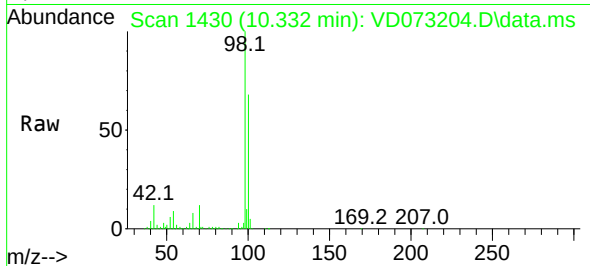




#50
Toluene-d8
Concen: 50.833 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073204.D
Acq: 21 May 2022 01:08

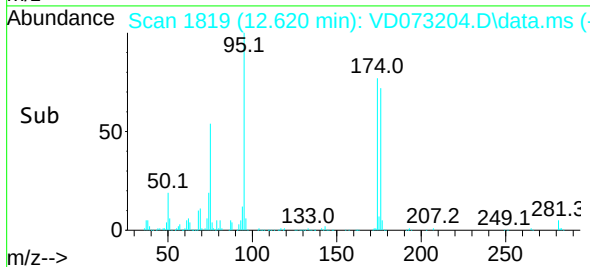
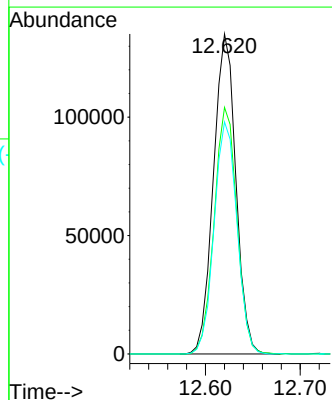
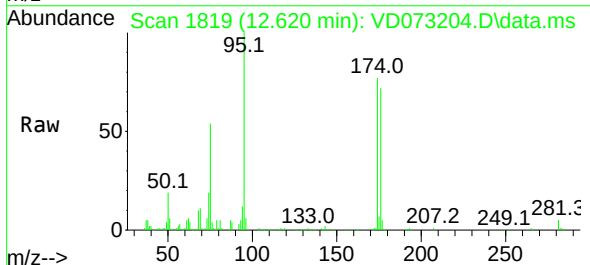
Instrument :
MSVOA_D
ClientSampleId :
P004-SS003-0006-01

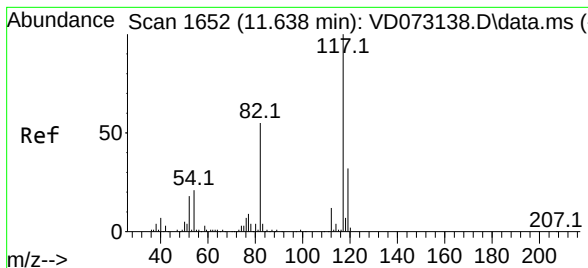
Tgt Ion: 98 Resp: 630363
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.005 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073204.D
Acq: 21 May 2022 01:08

Tgt Ion: 95 Resp: 221972
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 73.9 0.0 145.4

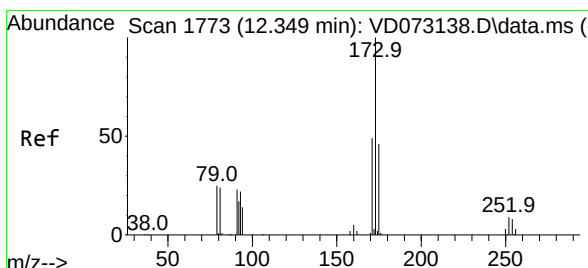
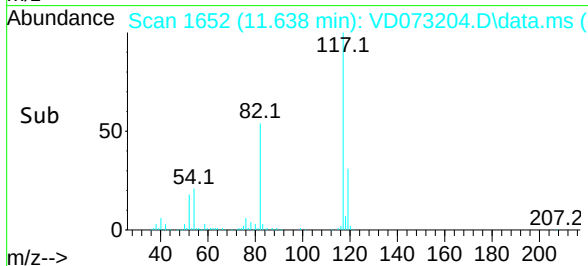
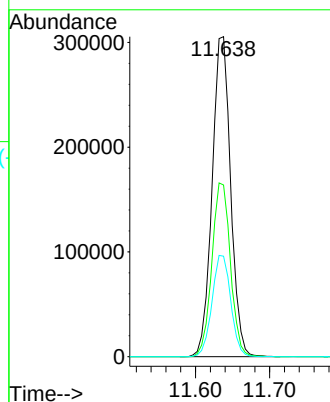
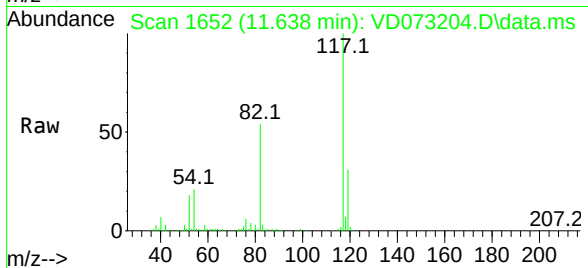




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073204.D
Acq: 21 May 2022 01:08

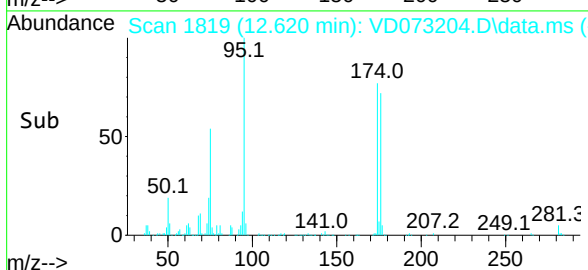
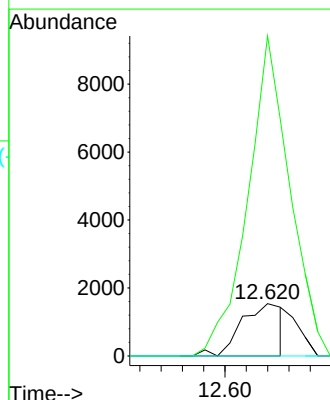
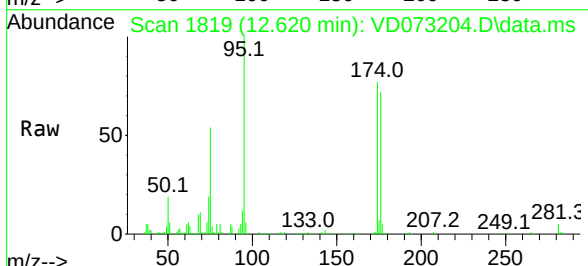
Instrument :
MSVOA_D
ClientSampleId :
P004-SS003-0006-01

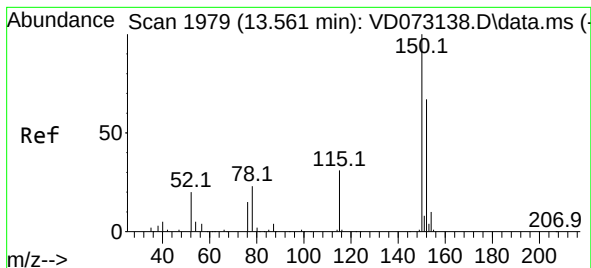
Tgt Ion:117 Resp: 530120
Ion Ratio Lower Upper
117 100
82 53.6 45.3 67.9
119 31.4 26.6 40.0



#71
Bromoform
Concen: 1.004 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073204.D
Acq: 21 May 2022 01:08

Tgt Ion:173 Resp: 2085
Ion Ratio Lower Upper
173 100
175 489.3 23.9 71.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073204.D

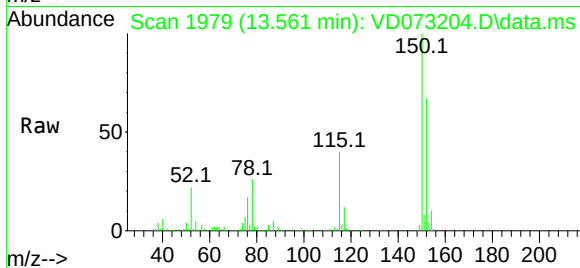
Acq: 21 May 2022 01:08

Instrument :

MSVOA_D

ClientSampleId :

P004-SS003-0006-01



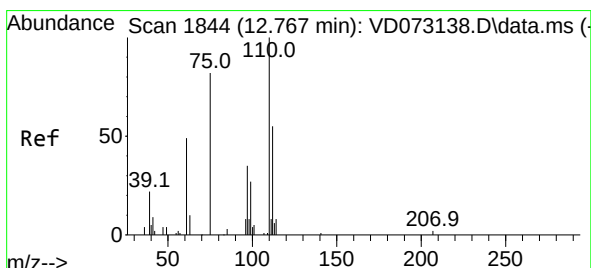
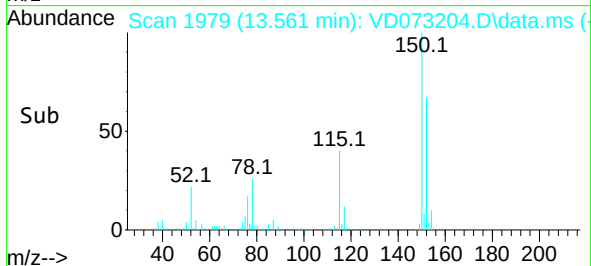
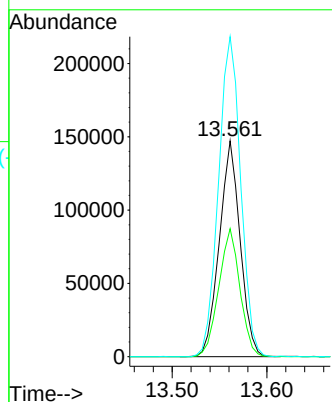
Tgt Ion:152 Resp: 225007

Ion Ratio Lower Upper

152 100

115 60.3 31.3 93.8

150 157.7 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 51.726 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073204.D

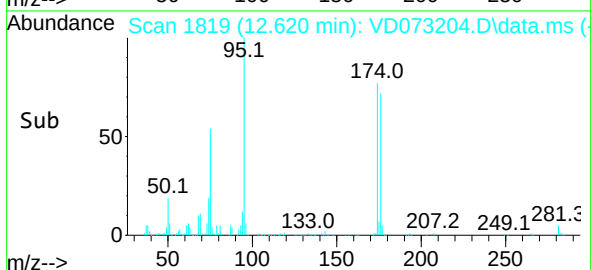
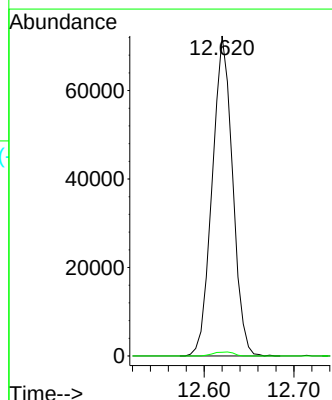
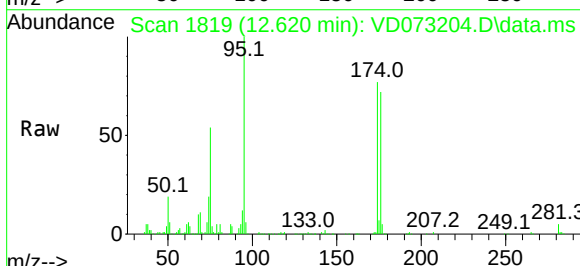
Acq: 21 May 2022 01:08

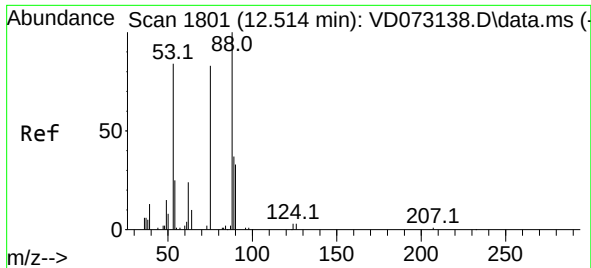
Tgt Ion: 75 Resp: 114196

Ion Ratio Lower Upper

75 100

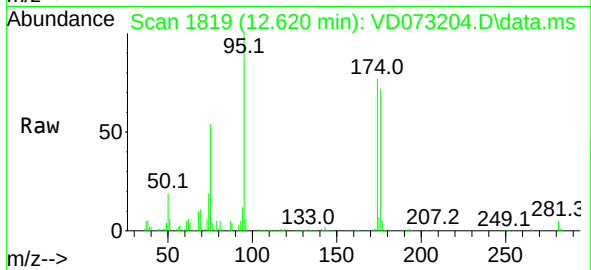
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.178 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073204.D
 Acq: 21 May 2022 01:08

Instrument :
 MSVOA_D
 ClientSampleId :
 P004-SS003-0006-01



Tgt Ion: 75 Resp: 114196
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

