

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073265.D
 Acq On : 22 May 2022 09:56
 Operator : VA/SY
 Sample : N2920-20
 Misc : 5.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS008-0006-01

Quant Time: May 23 01:15:03 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)

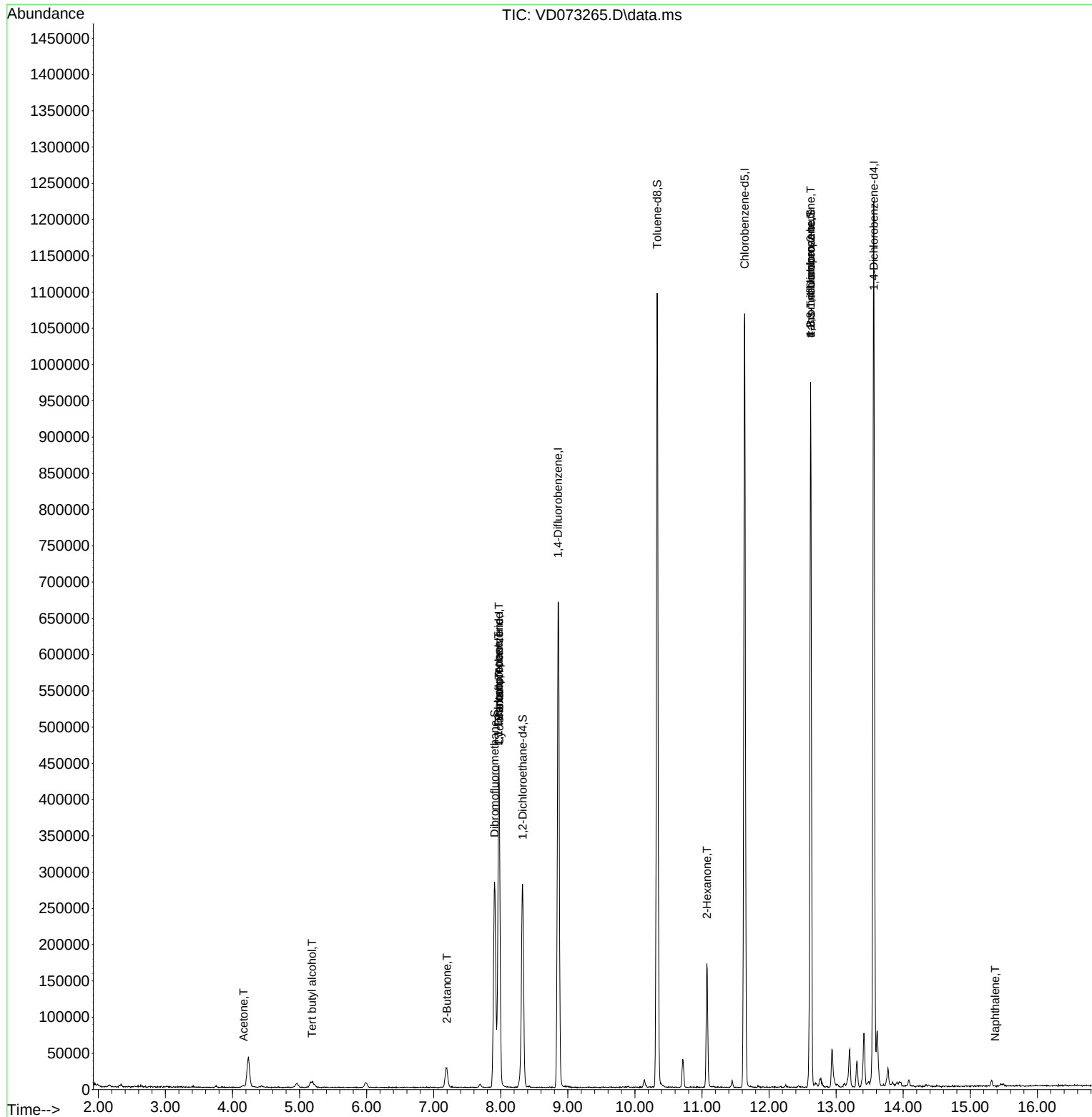
Internal Standards						
1) Pentafluorobenzene	7.973	168	316916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	578405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	627234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	314143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	222496	63.527	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.060%			
35) Dibromofluoromethane	7.908	113	211184	55.332	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.660%			
50) Toluene-d8	10.332	98	722515	51.354	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.700%			
62) 4-Bromofluorobenzene	12.620	95	291759	59.090	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.180%			
Target Compounds						
5) Bromomethane	2.779	94	605	Below Cal		86
11) Tert butyl alcohol	5.185	59	11140	20.501 ug/l #		77
16) Acetone	4.167	43	4304	7.095 ug/l #		85
20) Methylene Chloride	4.961	84	5110	Below Cal #		63
25) 2-Butanone	7.196	43	1349	1.520 ug/l		95
31) Cyclohexane	7.979	56	7639	1.248 ug/l #		1
36) 1,1-Dichloropropene	7.967	75	26425	4.603 ug/l #		51
38) Carbon Tetrachloride	7.973	117	35005	6.016 ug/l #		16
59) 2-Hexanone	11.073	43	1523	1.061 ug/l #		58
76) 1,2,3-Trichloropropane	12.620	75	145418	47.179 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	145418	113.261 ug/l #		7
95) Naphthalene	15.372	128	197	3.559 ug/l #		70

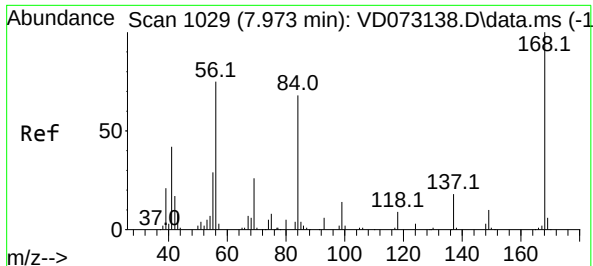
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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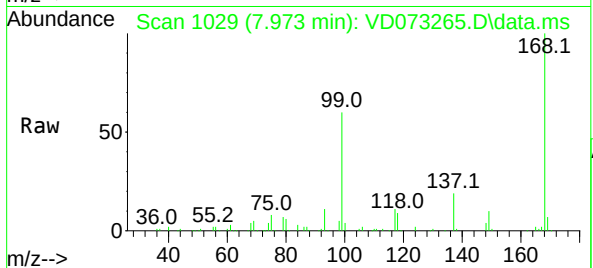
Quant Time: May 23 01:15:03 2022
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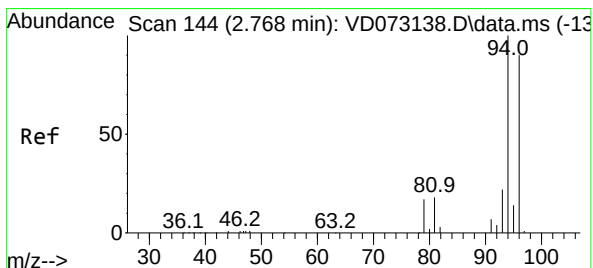
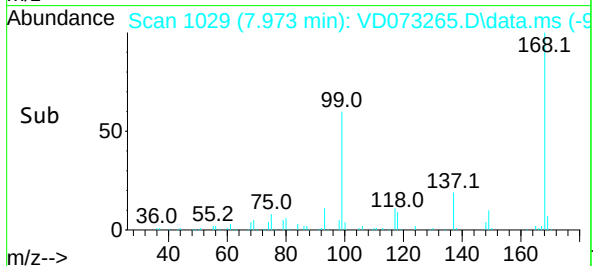
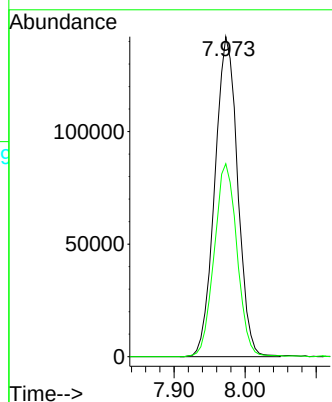


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073265.D
Acq: 22 May 2022 09:56

Instrument :
MSVOA_D
ClientSampleId :
P024-SS008-0006-01

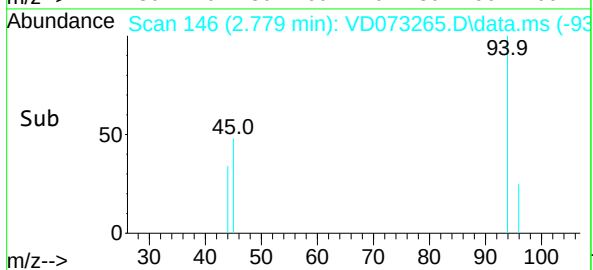
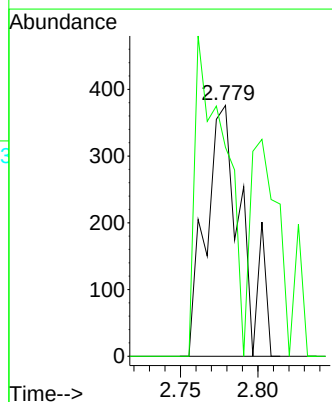
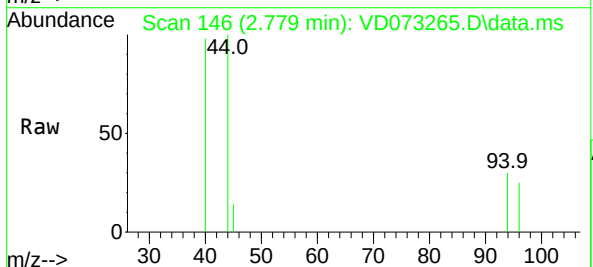


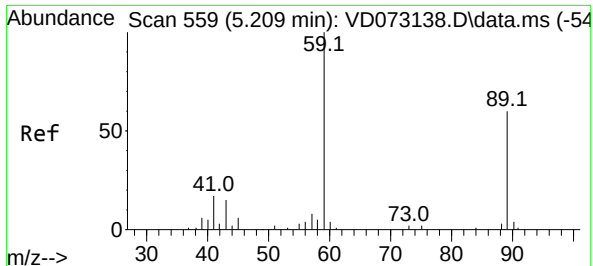
Tgt Ion:168 Resp: 316916
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073265.D
Acq: 22 May 2022 09:56

Tgt Ion: 94 Resp: 605
Ion Ratio Lower Upper
94 100
96 83.2 77.6 116.4

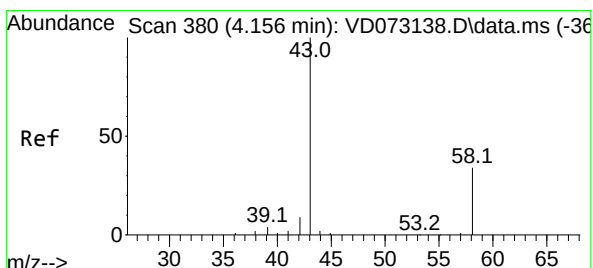
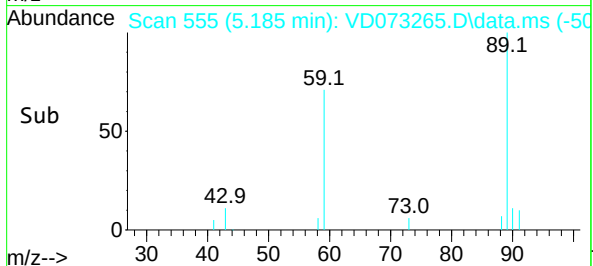
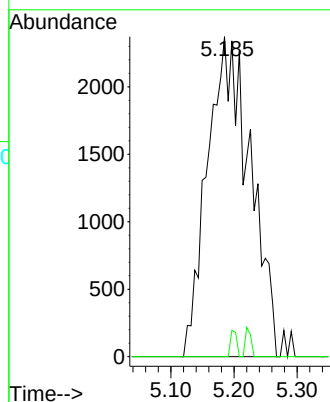
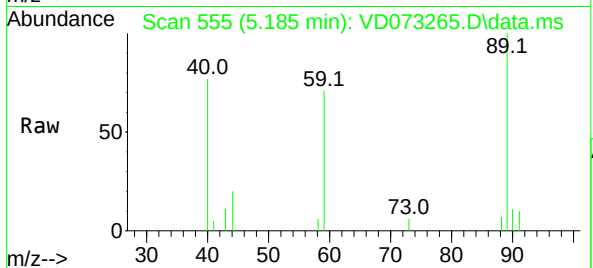




#11
Tert butyl alcohol
Concen: 20.501 ug/l
RT: 5.185 min Scan# 511
Delta R.T. -0.024 min
Lab File: VD073265.D
Acq: 22 May 2022 09:56

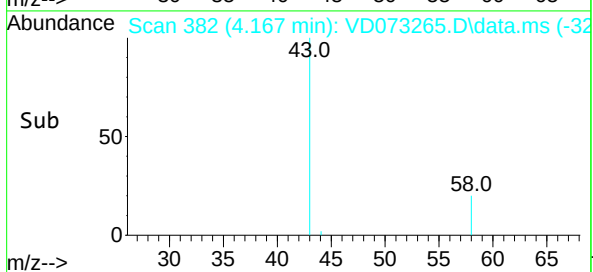
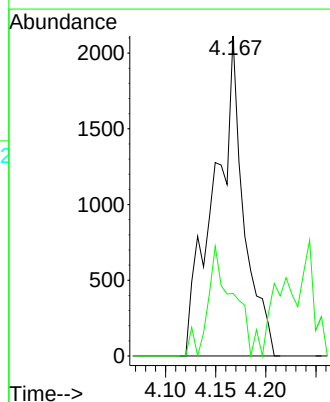
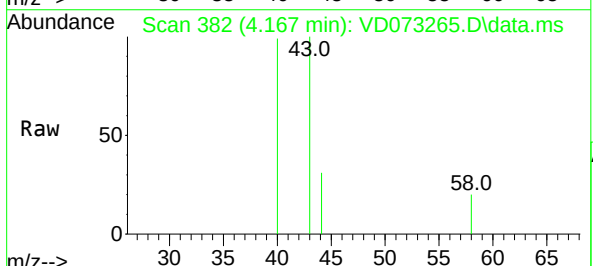
Instrument :
MSVOA_D
ClientSampleId :
P024-SS008-0006-01

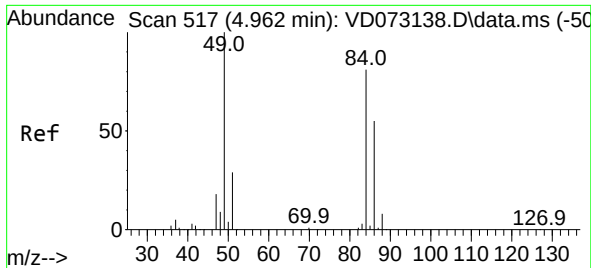
Tgt Ion: 59 Resp: 11140
Ion Ratio Lower Upper
59 100
57 1.2 7.8 11.6#



#16
Acetone
Concen: 7.095 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD073265.D
Acq: 22 May 2022 09:56

Tgt Ion: 43 Resp: 4304
Ion Ratio Lower Upper
43 100
58 19.5 22.1 33.1#

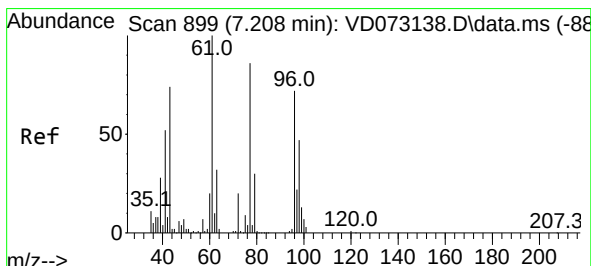
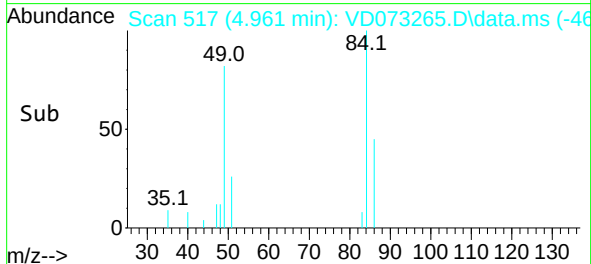
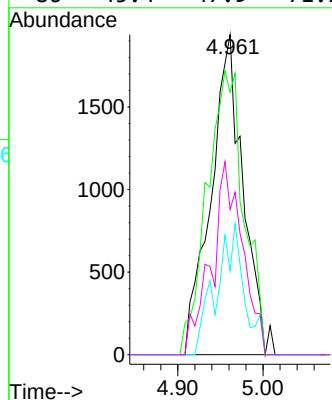
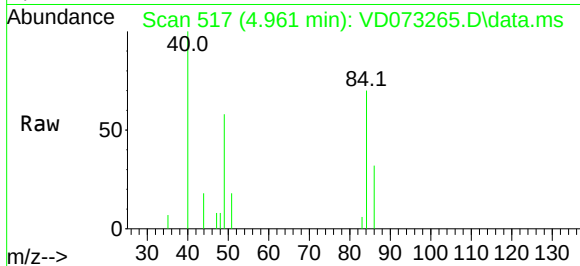




#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073265.D
Acq: 22 May 2022 09:56

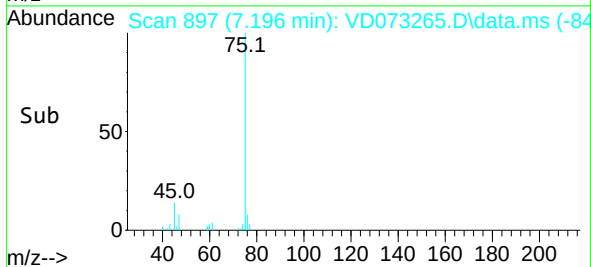
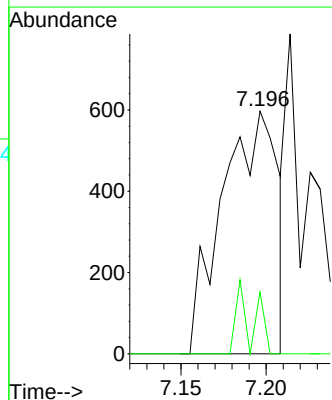
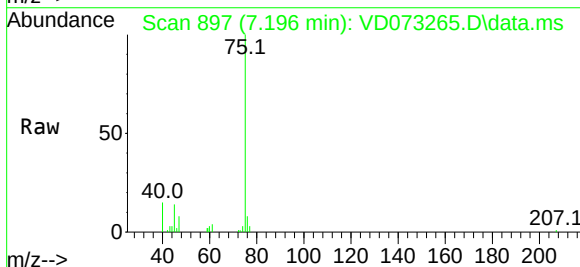
Instrument :
MSVOA_D
ClientSampleId :
P024-SS008-0006-01

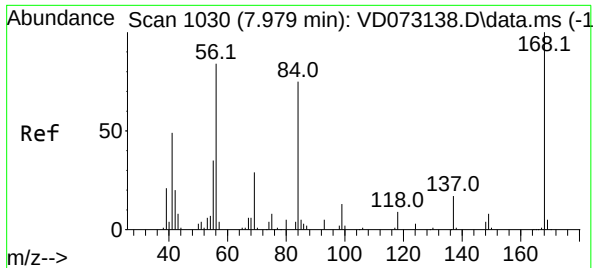
Tgt Ion:	84	Resp:	5110
Ion	Ratio	Lower	Upper
84	100		
49	82.0	112.8	169.2#
51	26.2	32.6	48.8#
86	45.4	47.9	71.9#



#25
2-Butanone
Concen: 1.520 ug/l
RT: 7.196 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD073265.D
Acq: 22 May 2022 09:56

Tgt Ion:	43	Resp:	1349
Ion	Ratio	Lower	Upper
43	100		
72	25.5	18.6	27.8

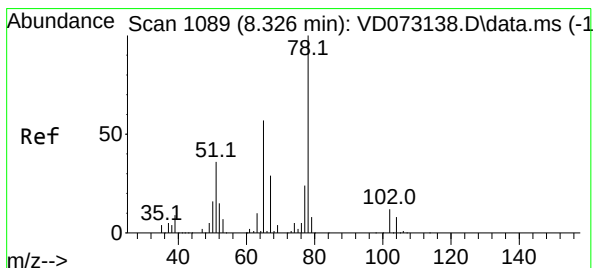
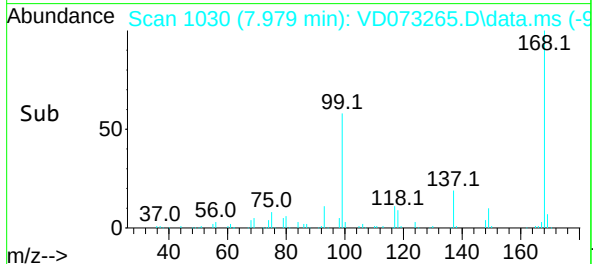
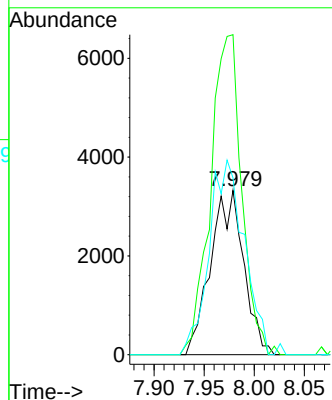
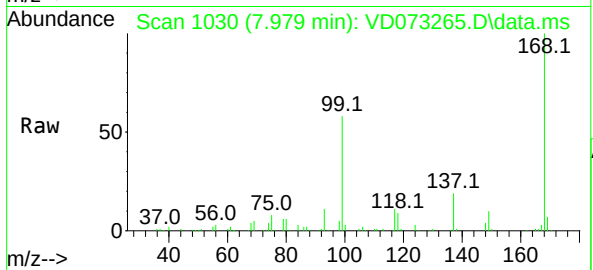




#31
Cyclohexane
Concen: 1.248 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073265.D
Acq: 22 May 2022 09:56

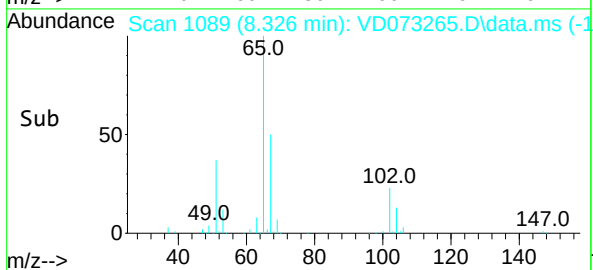
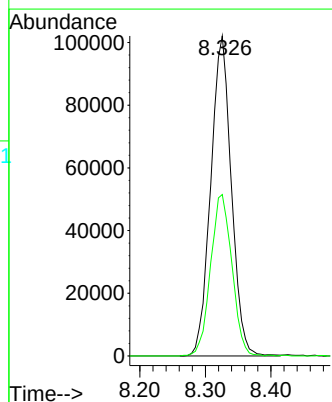
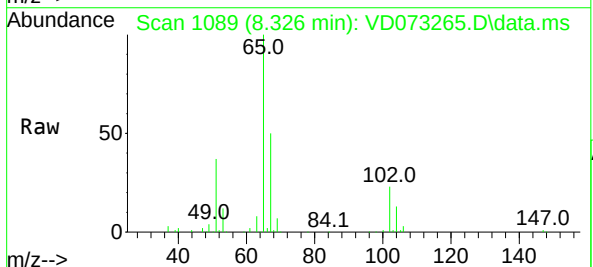
Instrument :
MSVOA_D
ClientSampleId :
P024-SS008-0006-01

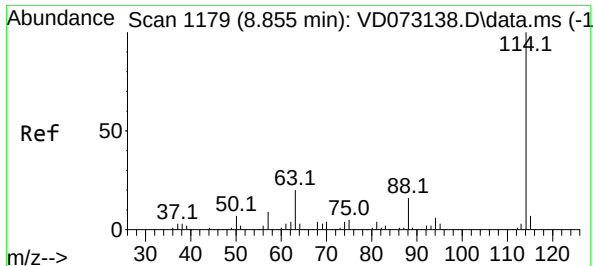
Tgt Ion: 56 Resp: 7639
Ion Ratio Lower Upper
56 100
69 194.7 25.4 38.2#
84 107.6 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 63.527 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073265.D
Acq: 22 May 2022 09:56

Tgt Ion: 65 Resp: 222496
Ion Ratio Lower Upper
65 100
67 52.3 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: VD073265.D

Acq: 22 May 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

P024-SS008-0006-01

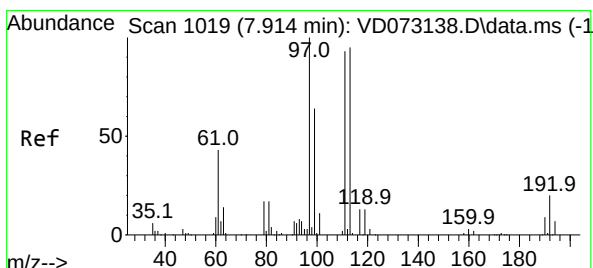
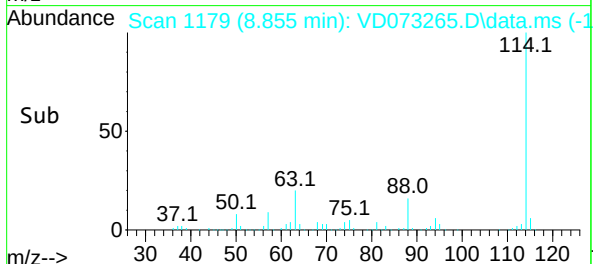
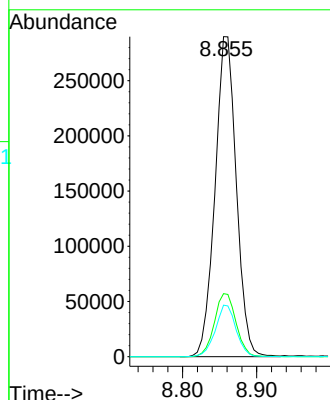
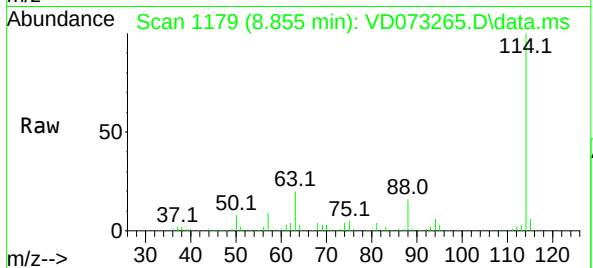
Tgt Ion:114 Resp: 578405

Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 55.332 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073265.D

Acq: 22 May 2022 09:56

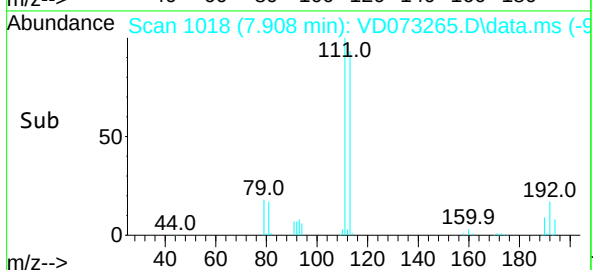
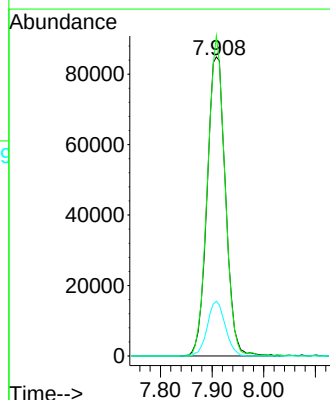
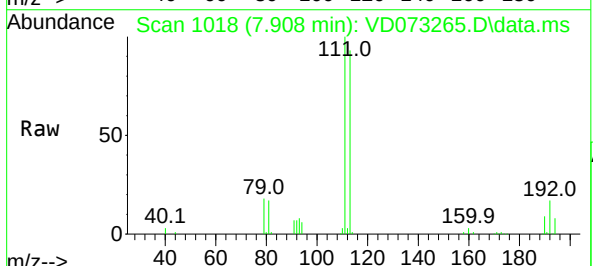
Tgt Ion:113 Resp: 211184

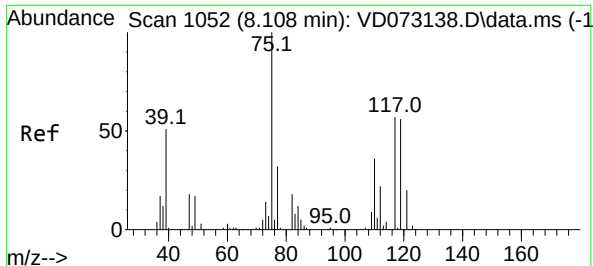
Ion Ratio Lower Upper

113 100

111 100.4 83.8 125.6

192 17.7 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.603 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD073265.D

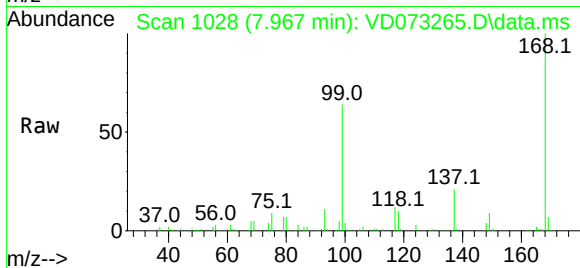
Acq: 22 May 2022 09:56

Instrument :

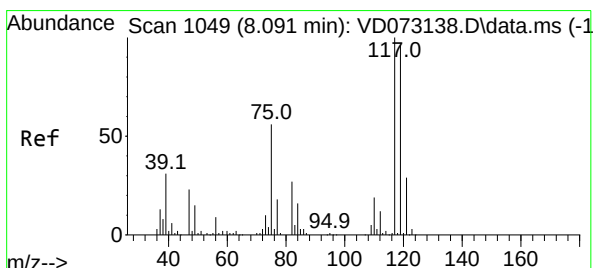
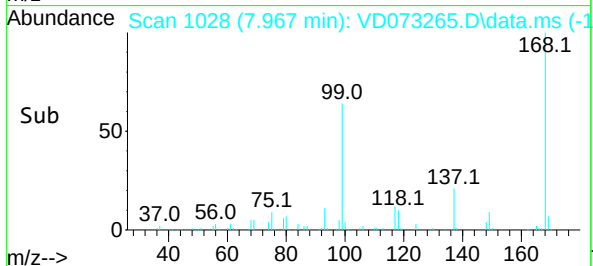
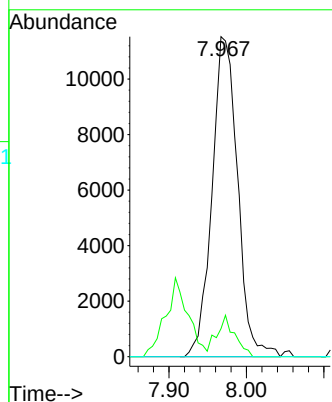
MSVOA_D

ClientSampleId :

P024-SS008-0006-01



Tgt Ion:	75	Resp:	26425
Ion Ratio	Lower	Upper	
75	100		
110	9.1	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 6.016 ug/l

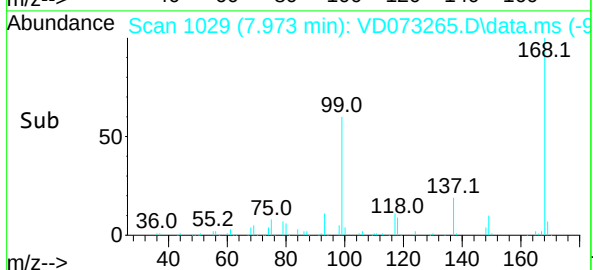
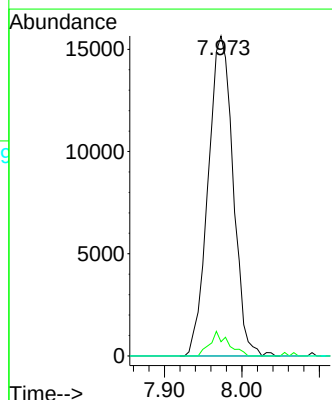
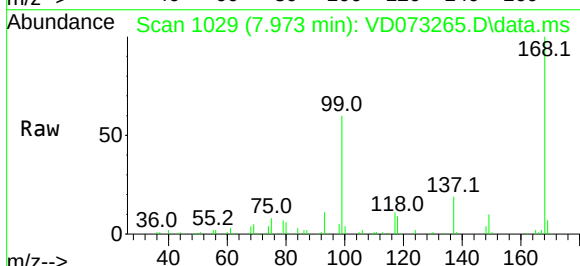
RT: 7.973 min Scan# 1029

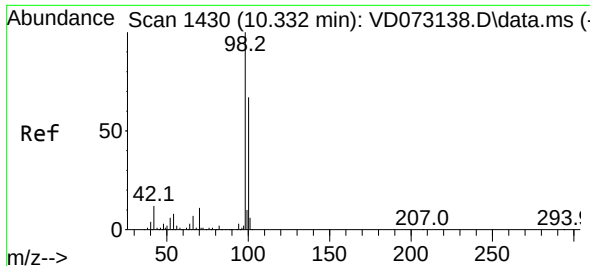
Delta R.T. -0.118 min

Lab File: VD073265.D

Acq: 22 May 2022 09:56

Tgt Ion:	117	Resp:	35005
Ion Ratio	Lower	Upper	
117	100		
119	4.4	75.8	113.6#
121	0.0	24.5	36.7#

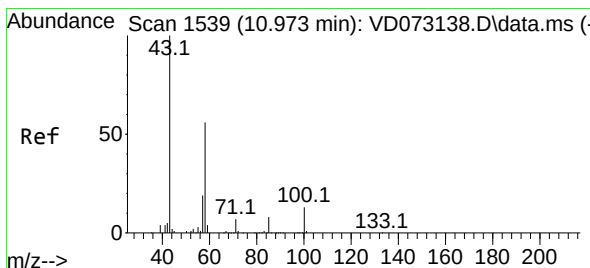
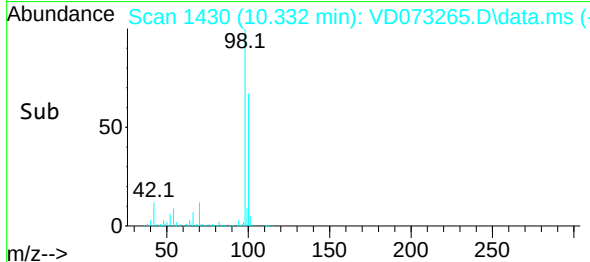
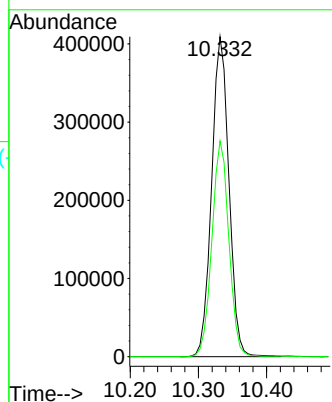
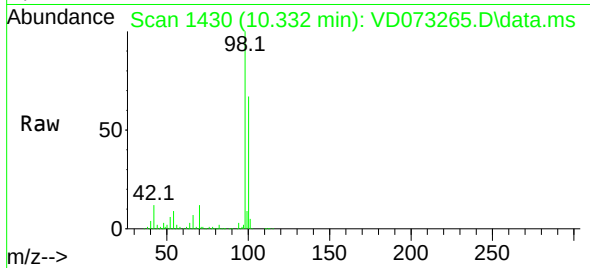




#50
Toluene-d8
Concen: 51.354 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073265.D
Acq: 22 May 2022 09:56

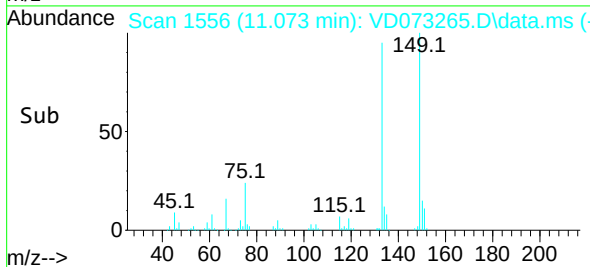
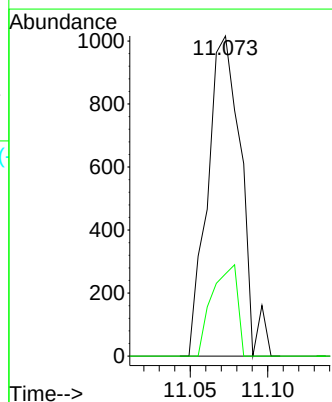
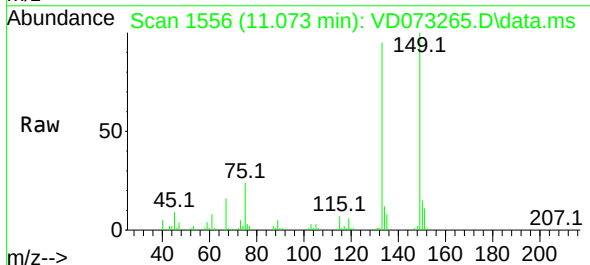
Instrument :
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P024-SS008-0006-01

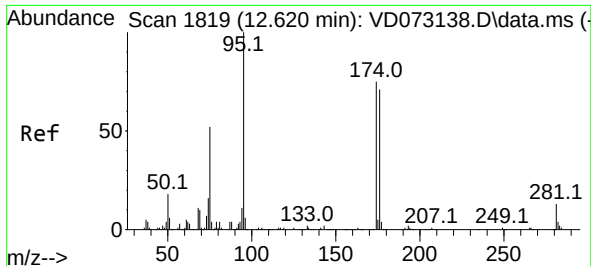
Tgt Ion: 98 Resp: 722515
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#59
2-Hexanone
Concen: 1.061 ug/l
RT: 11.073 min Scan# 1556
Delta R.T. 0.100 min
Lab File: VD073265.D
Acq: 22 May 2022 09:56

Tgt Ion: 43 Resp: 1523
Ion Ratio Lower Upper
43 100
58 21.7 25.3 75.9#

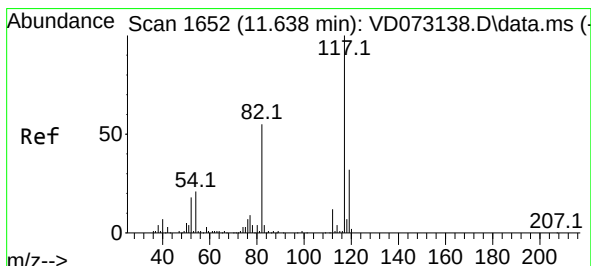
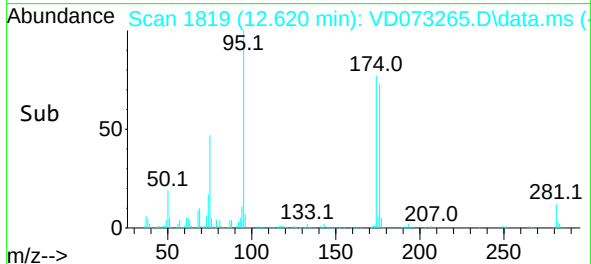
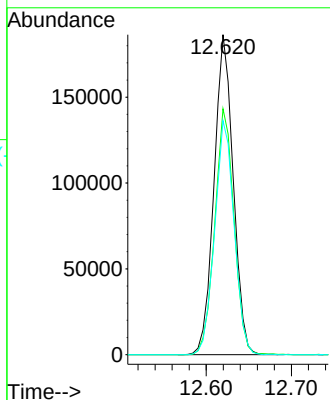
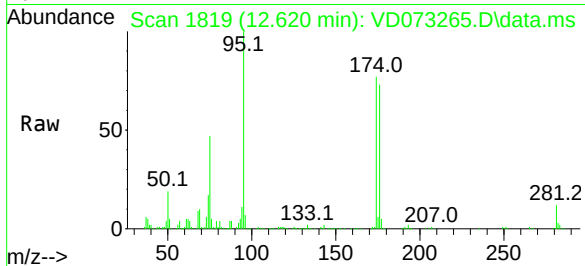




#62
4-Bromofluorobenzene
Concen: 59.090 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073265.D
Acq: 22 May 2022 09:56

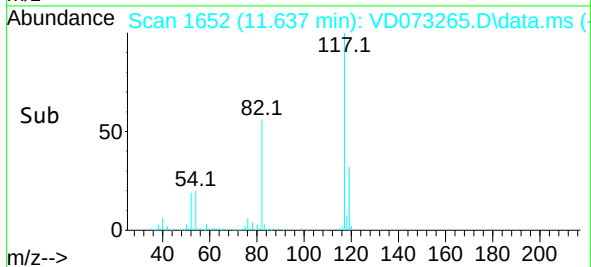
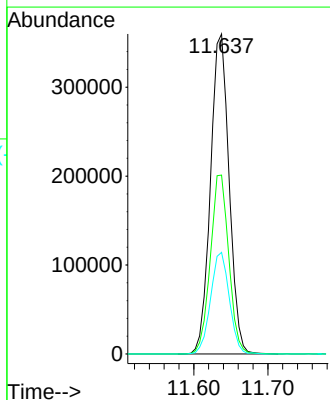
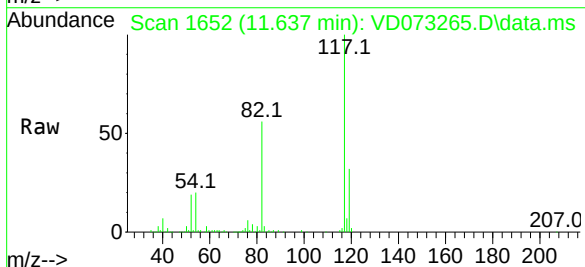
Instrument :
MSVOA_D
ClientSampleId :
P024-SS008-0006-01

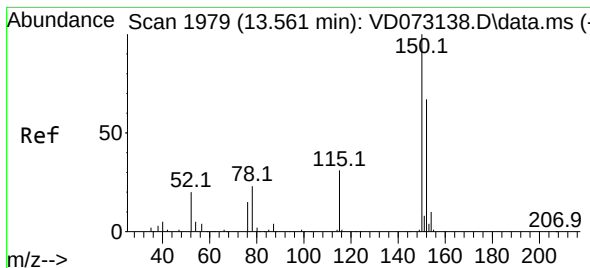
Tgt Ion: 95 Resp: 291759
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 74.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD073265.D
Acq: 22 May 2022 09:56

Tgt Ion: 117 Resp: 627234
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 31.8 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: VD073265.D

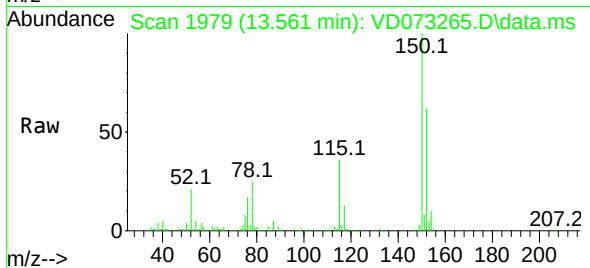
Acq: 22 May 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

P024-SS008-0006-01



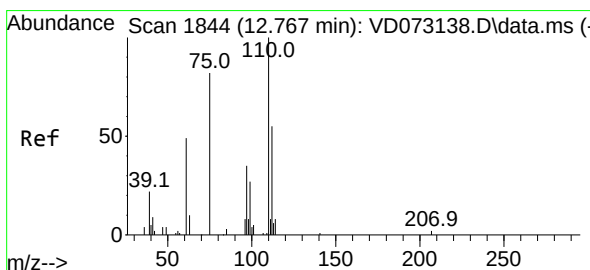
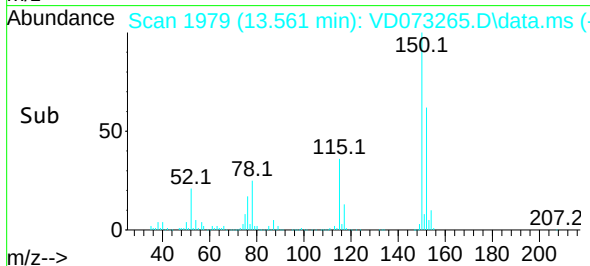
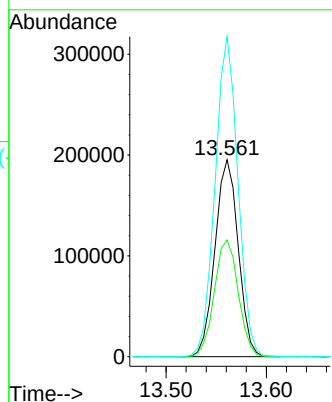
Tgt Ion:152 Resp: 314143

Ion Ratio Lower Upper

152 100

115 61.2 31.3 93.8

150 159.8 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 47.179 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073265.D

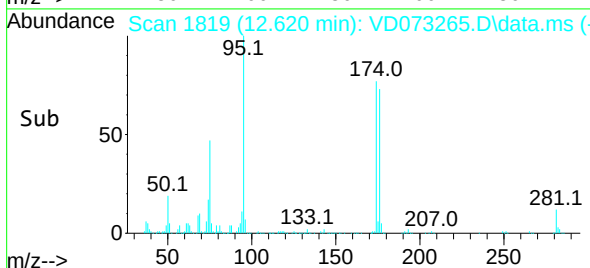
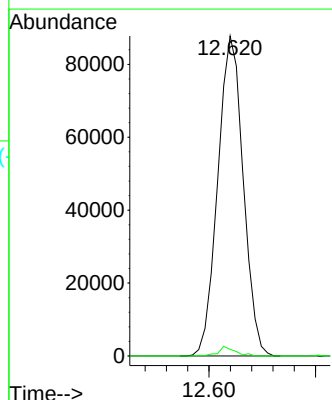
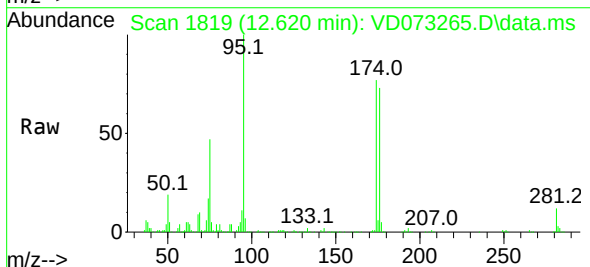
Acq: 22 May 2022 09:56

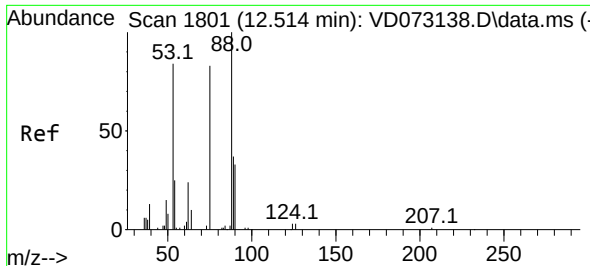
Tgt Ion: 75 Resp: 145418

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#

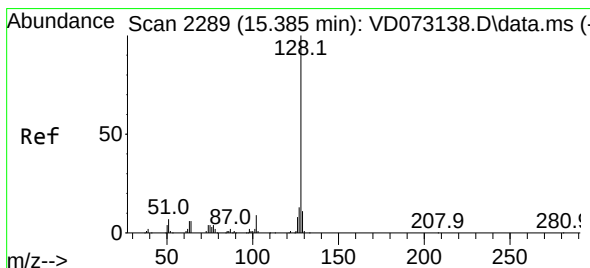
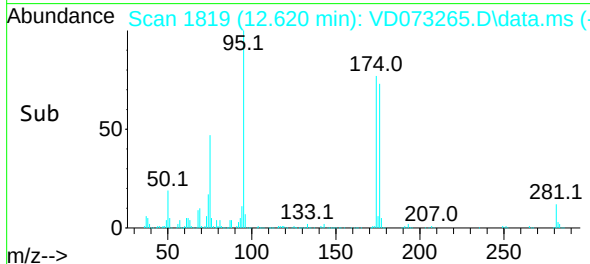
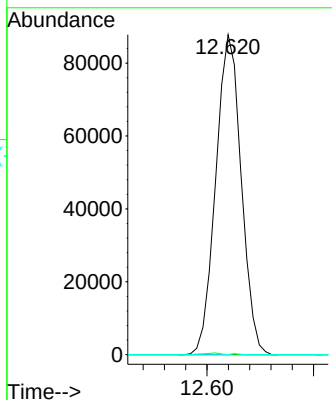
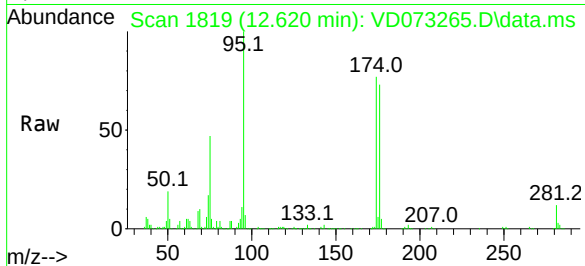




#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.261 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD073265.D
 Acq: 22 May 2022 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS008-0006-01

Tgt Ion: 75 Resp: 145418
 Ion Ratio Lower Upper
 75 100
 53 0.4 86.5 129.7#
 89 0.1 33.9 50.9#



#95
 Naphthalene
 Concen: 3.559 ug/l
 RT: 15.372 min Scan# 2287
 Delta R.T. -0.013 min
 Lab File: VD073265.D
 Acq: 22 May 2022 09:56

Tgt Ion: 128 Resp: 197
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.4 12.6#

