

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073161.D
 Acq On : 20 May 2022 02:02
 Operator : VA/SY
 Sample : N2842-09
 Misc : 4.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS005-0006-01

Quant Time: May 20 02:44:28 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)

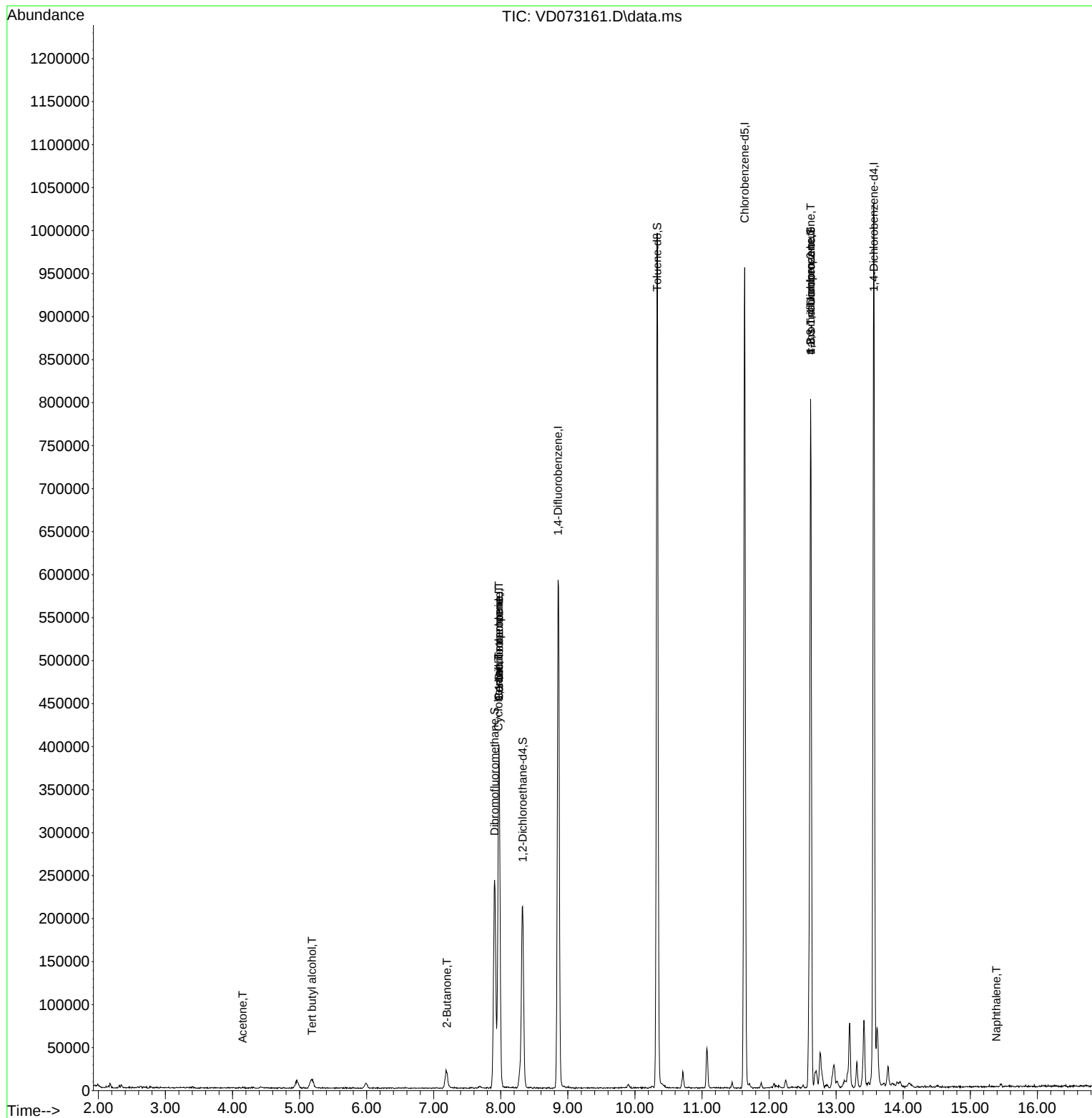
Internal Standards						
1) Pentafluorobenzene	7.973	168	281714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	516093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	543573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	171332	55.032	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.060%			
35) Dibromofluoromethane	7.908	113	178967	52.552	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.100%			
50) Toluene-d8	10.332	98	651473	51.895	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.800%			
62) 4-Bromofluorobenzene	12.620	95	253013	57.430	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.860%			
Target Compounds			Qvalue			
5) Bromomethane	2.767	94	374	Below Cal		85
11) Tert butyl alcohol	5.185	59	7387	15.293 ug/l #		74
16) Acetone	4.150	43	779	1.445 ug/l #		47
20) Methylene Chloride	4.944	84	2749	Below Cal #		76
25) 2-Butanone	7.197	43	1105	1.401 ug/l #		52
31) Cyclohexane	7.967	56	6811	1.252 ug/l #		1
36) 1,1-Dichloropropene	7.973	75	25737	5.025 ug/l #		49
38) Carbon Tetrachloride	7.973	117	31950	6.154 ug/l #		16
76) 1,2,3-Trichloropropane	12.620	75	130081	49.389 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	130081	118.569 ug/l #		7
95) Naphthalene	15.390	128	63	3.548 ug/l #		70

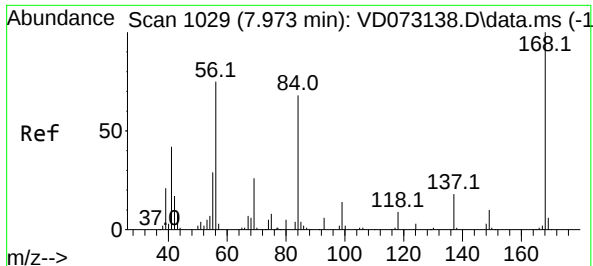
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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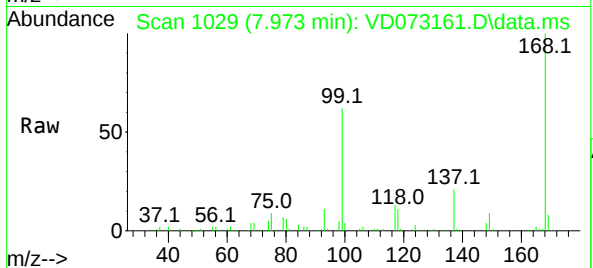
Quant Time: May 20 02:44:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
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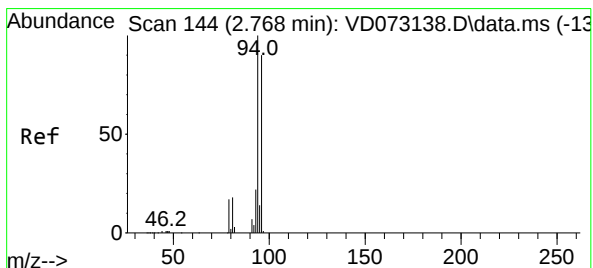
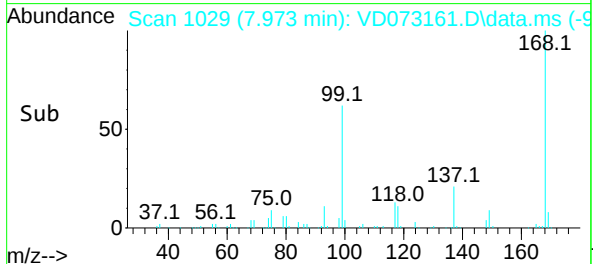
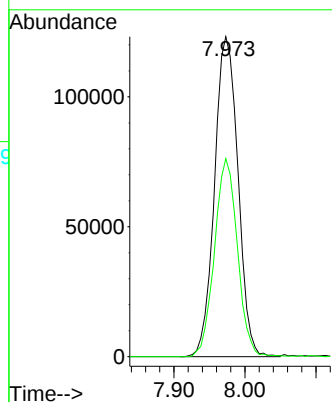


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073161.D
Acq: 20 May 2022 02:02

Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01

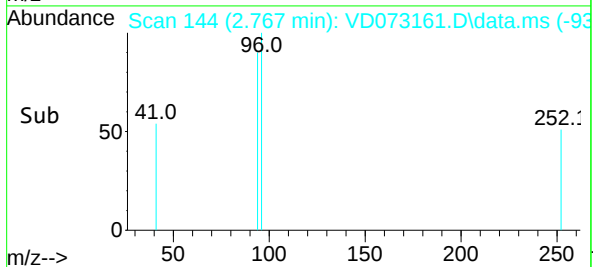
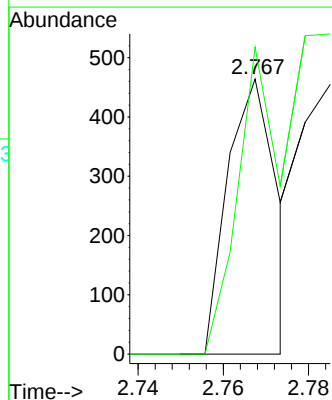
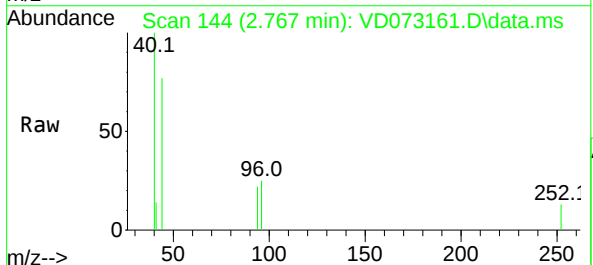


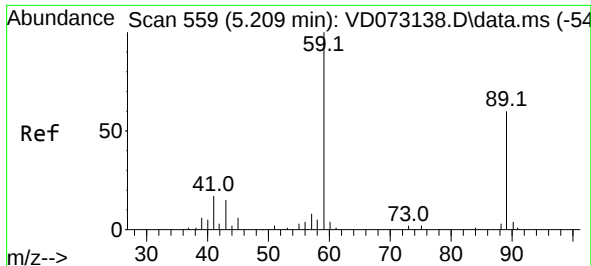
Tgt Ion:168 Resp: 281714
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. -0.001 min
Lab File: VD073161.D
Acq: 20 May 2022 02:02

Tgt Ion: 94 Resp: 374
Ion Ratio Lower Upper
94 100
96 111.6 77.6 116.4

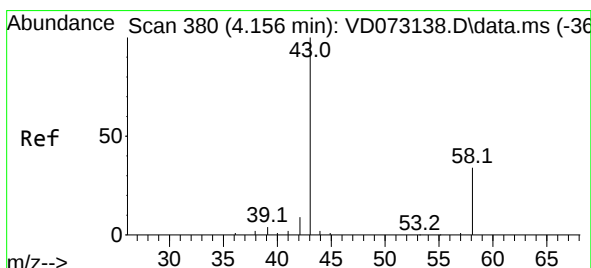
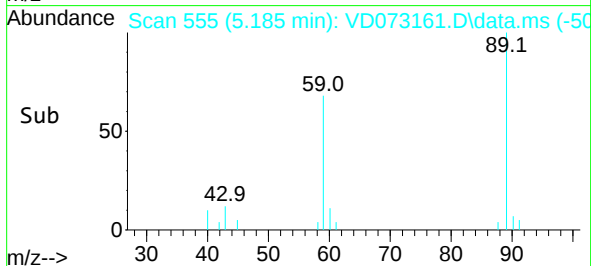
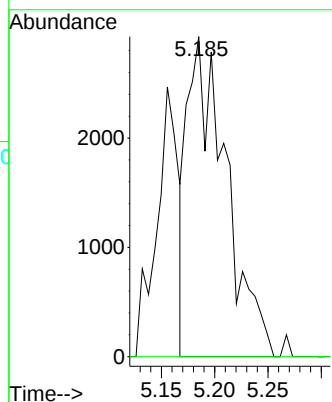
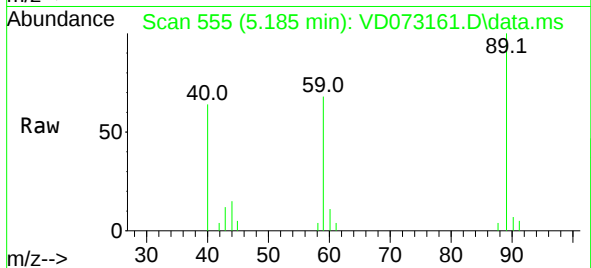




#11
Tert butyl alcohol
Concen: 15.293 ug/l
RT: 5.185 min Scan# 511
Delta R.T. -0.024 min
Lab File: VD073161.D
Acq: 20 May 2022 02:02

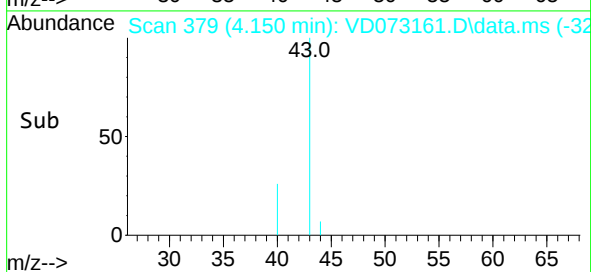
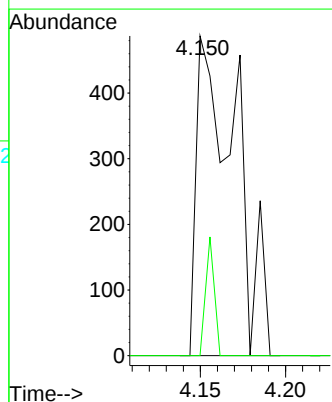
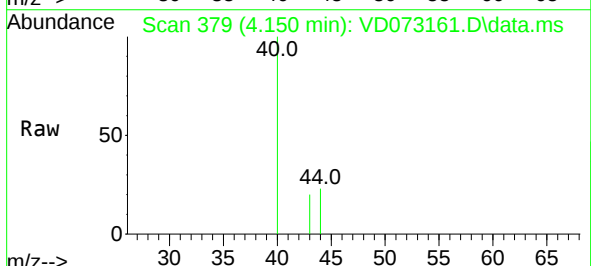
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01

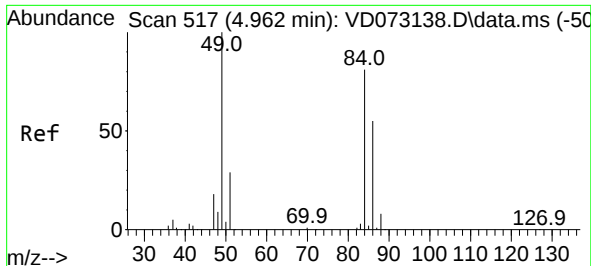
Tgt Ion: 59 Resp: 7387
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 1.445 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073161.D
Acq: 20 May 2022 02:02

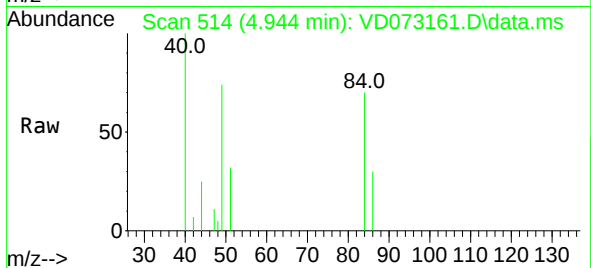
Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#





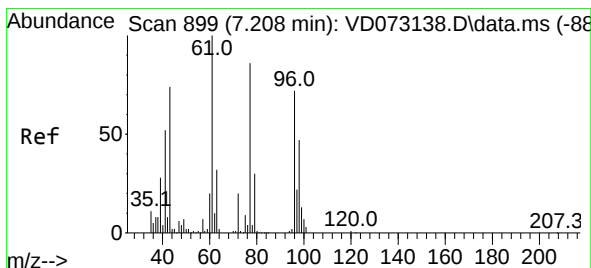
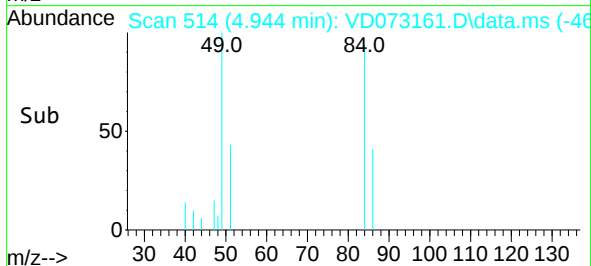
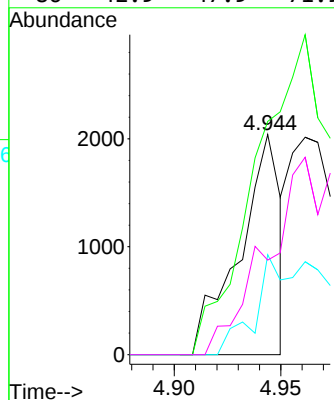
#20
Methylene Chloride
Concen: Below Cal
RT: 4.944 min Scan# 517
Delta R.T. -0.018 min
Lab File: VD073161.D
Acq: 20 May 2022 02:02

Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01



Tgt Ion: 84 Resp: 2749

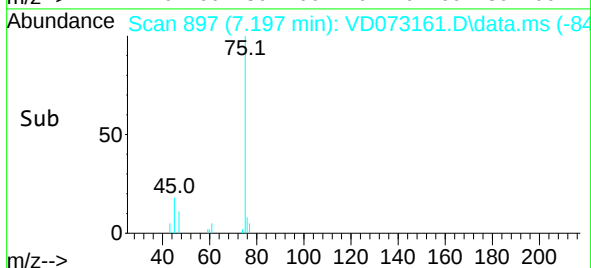
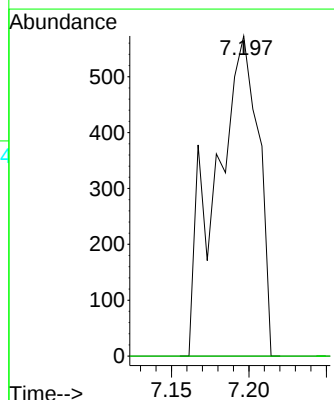
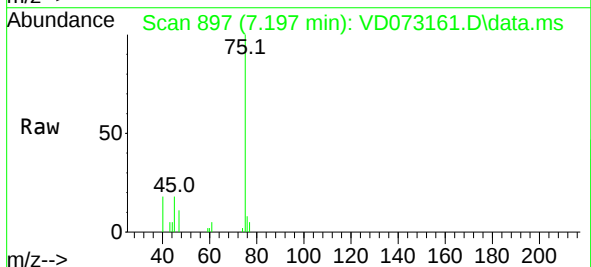
Ion	Ratio	Lower	Upper
84	100		
49	105.9	112.8	169.2#
51	45.4	32.6	48.8
86	42.9	47.9	71.9#

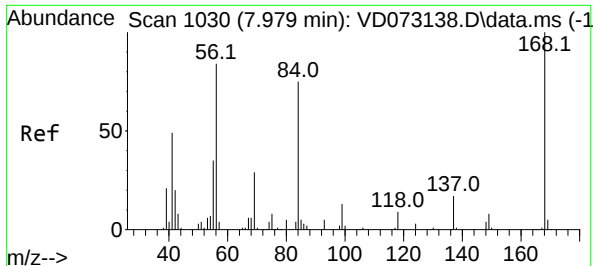


#25
2-Butanone
Concen: 1.401 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD073161.D
Acq: 20 May 2022 02:02

Tgt Ion: 43 Resp: 1105

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#31

Cyclohexane

Concen: 1.252 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073161.D

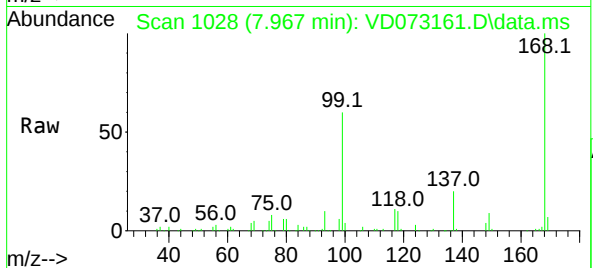
Acq: 20 May 2022 02:02

Instrument :

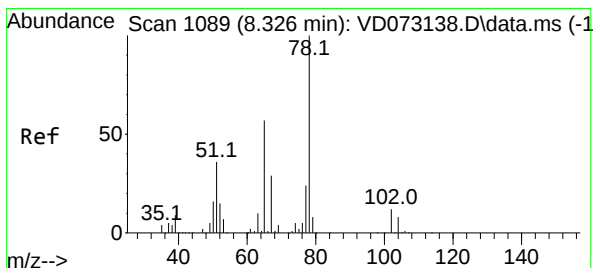
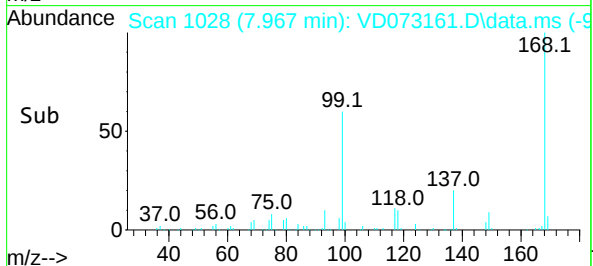
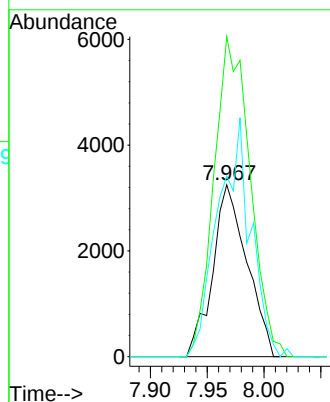
MSVOA_D

ClientSampleId :

P016-SS005-0006-01



Tgt Ion:	56	Resp:	6811
Ion	Ratio	Lower	Upper
56	100		
69	186.2	25.4	38.2#
84	105.2	63.0	94.4#



#33

1,2-Dichloroethane-d4

Concen: 55.032 ug/l

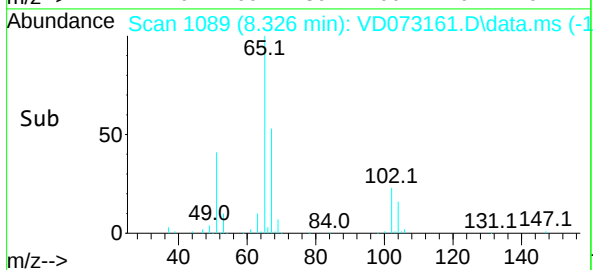
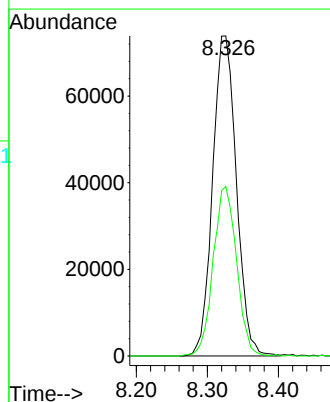
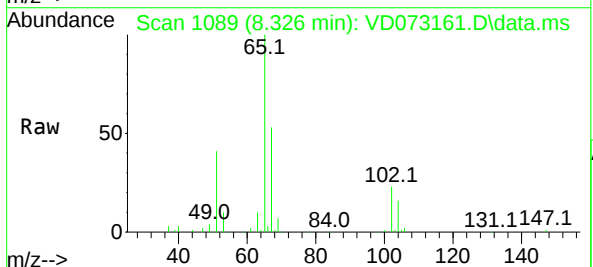
RT: 8.326 min Scan# 1089

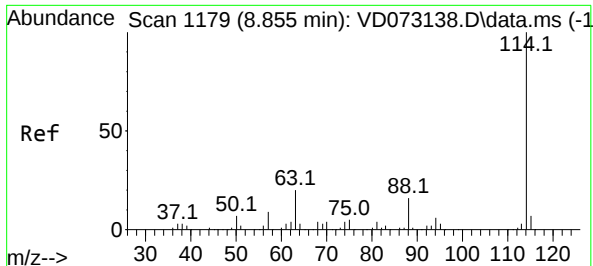
Delta R.T. -0.000 min

Lab File: VD073161.D

Acq: 20 May 2022 02:02

Tgt Ion:	65	Resp:	171332
Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VD073161.D

Acq: 20 May 2022 02:02

Instrument :

MSVOA_D

ClientSampleId :

P016-SS005-0006-01

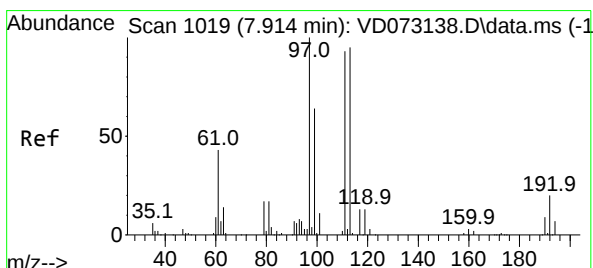
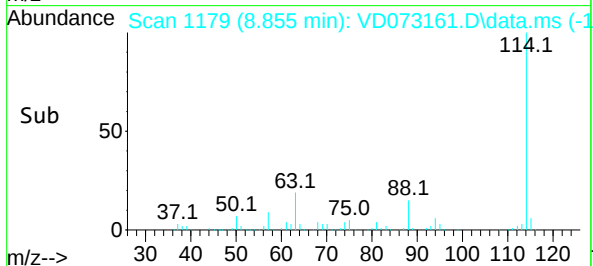
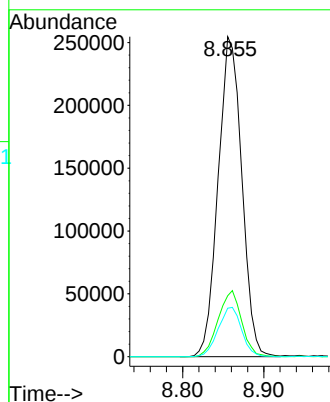
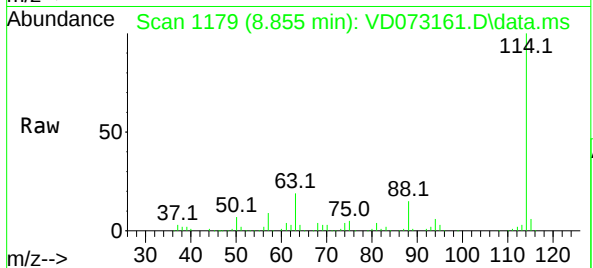
Tgt Ion:114 Resp: 516093

Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.552 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073161.D

Acq: 20 May 2022 02:02

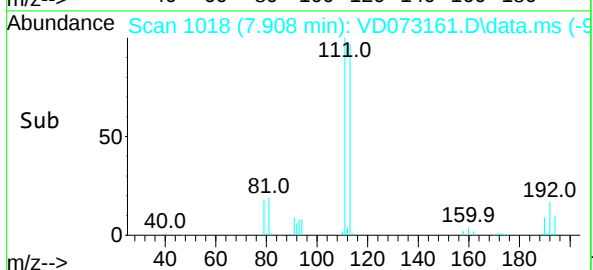
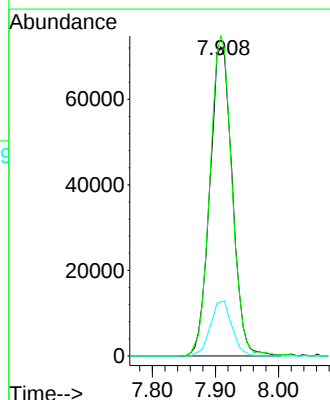
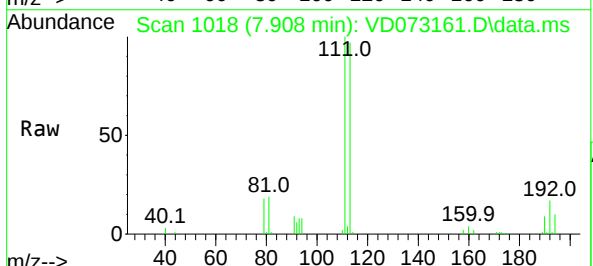
Tgt Ion:113 Resp: 178967

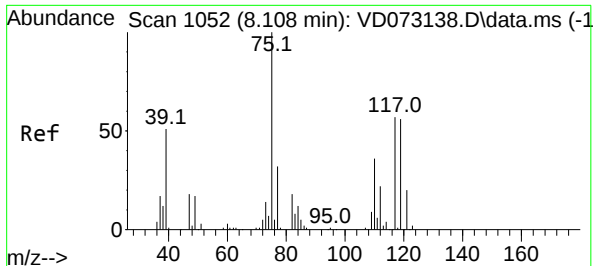
Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 17.0 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.025 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073161.D

Acq: 20 May 2022 02:02

Instrument :

MSVOA_D

ClientSampleId :

P016-SS005-0006-01

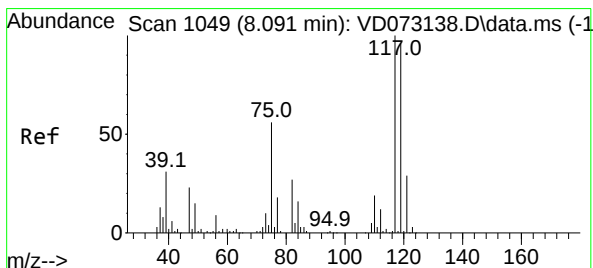
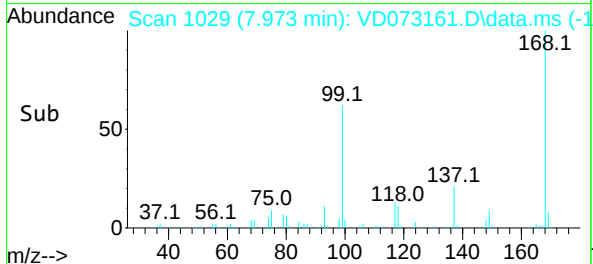
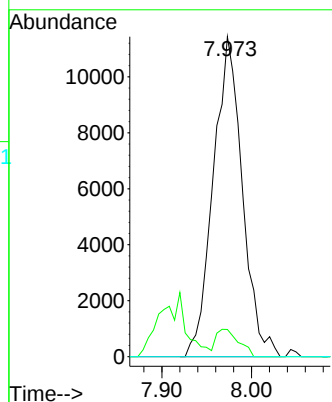
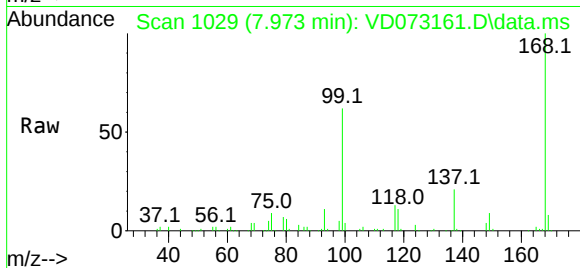
Tgt Ion: 75 Resp: 25737

Ion Ratio Lower Upper

75 100

110 6.6 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 6.154 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073161.D

Acq: 20 May 2022 02:02

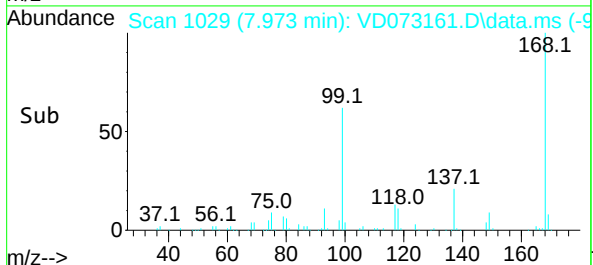
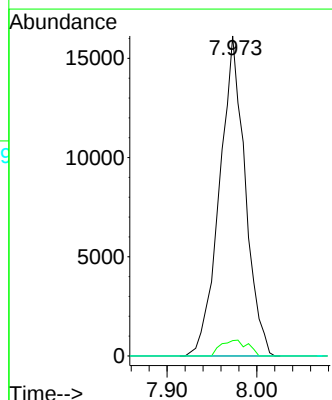
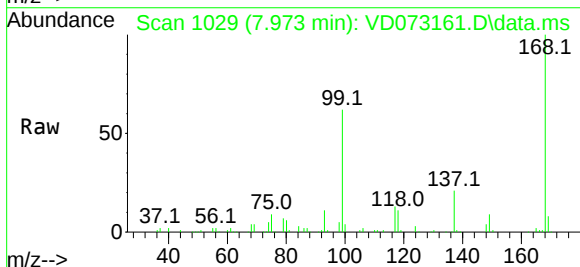
Tgt Ion: 117 Resp: 31950

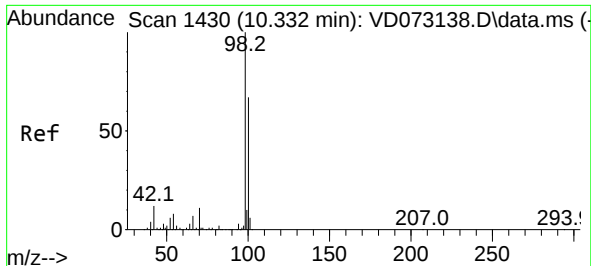
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.6#

121 0.0 24.5 36.7#

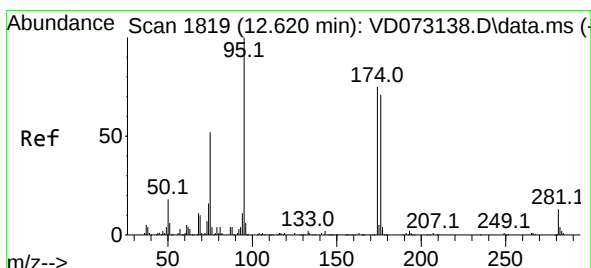
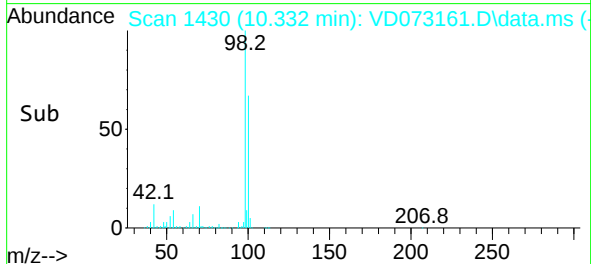
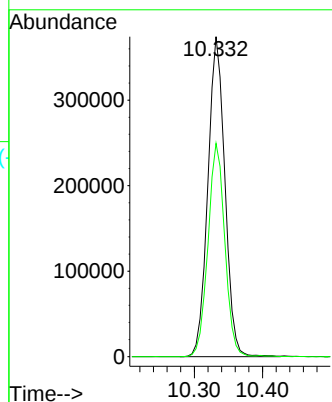
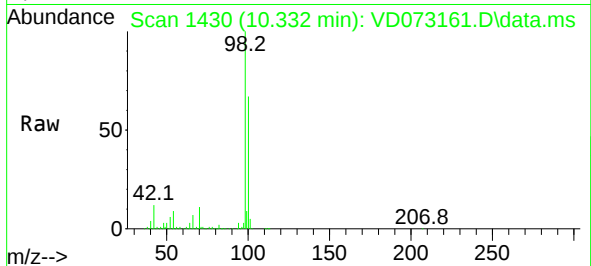




#50
Toluene-d8
Concen: 51.895 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073161.D
Acq: 20 May 2022 02:02

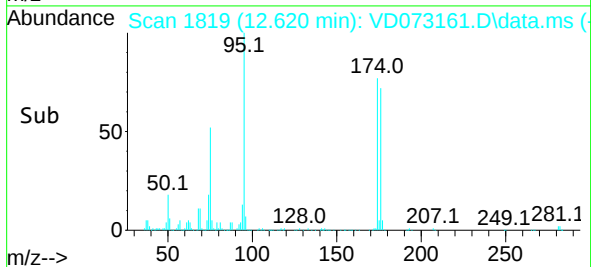
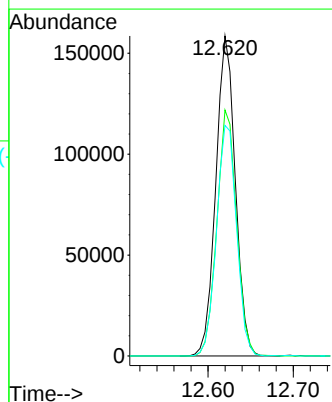
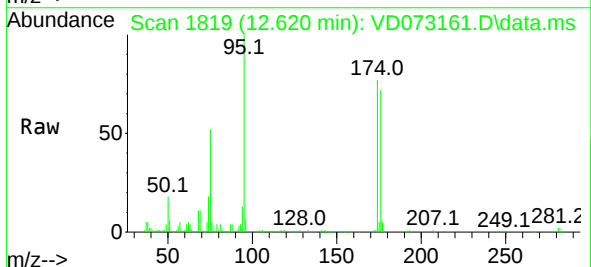
Instrument :
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P016-SS005-0006-01

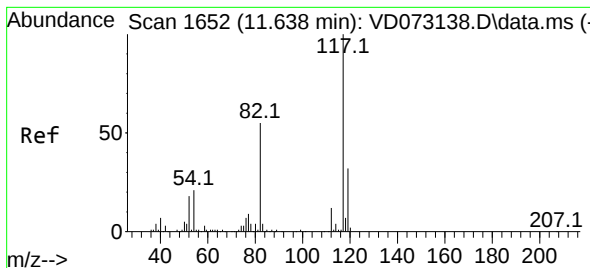
Tgt Ion: 98 Resp: 651473
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 57.430 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073161.D
Acq: 20 May 2022 02:02

Tgt Ion: 95 Resp: 253013
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 74.1 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073161.D

Acq: 20 May 2022 02:02

Instrument :

MSVOA_D

ClientSampleId :

P016-SS005-0006-01

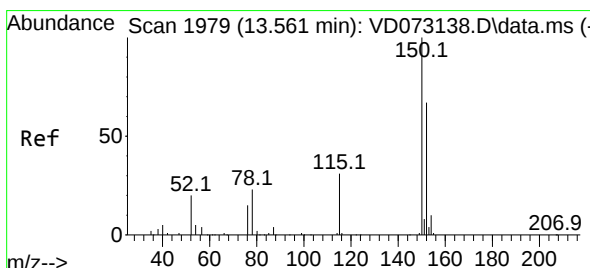
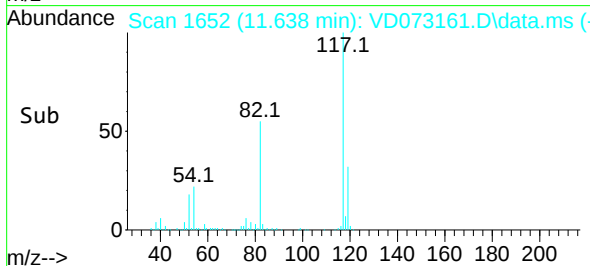
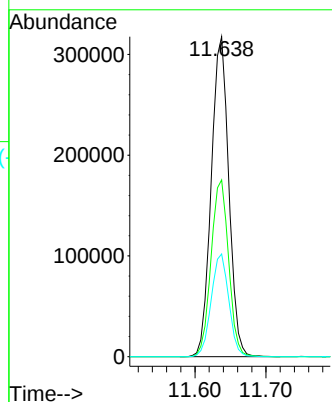
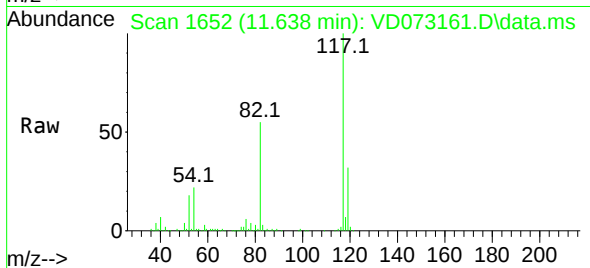
Tgt Ion:117 Resp: 543573

Ion Ratio Lower Upper

117 100

82 55.3 45.3 67.9

119 32.1 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: VD073161.D

Acq: 20 May 2022 02:02

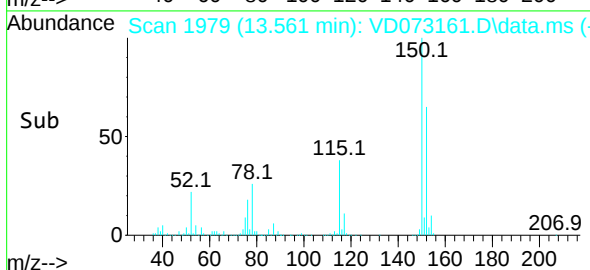
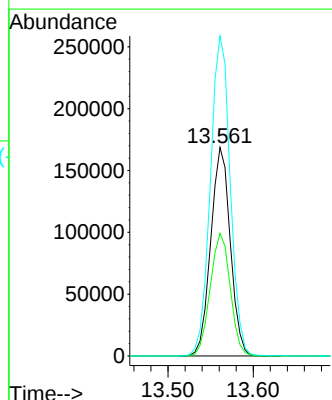
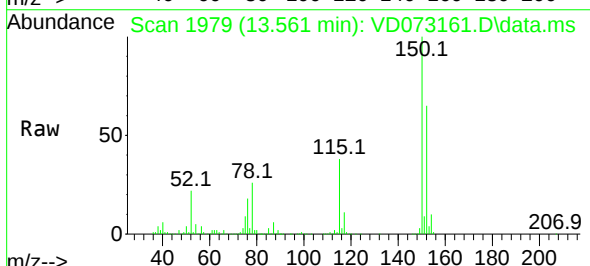
Tgt Ion:152 Resp: 268432

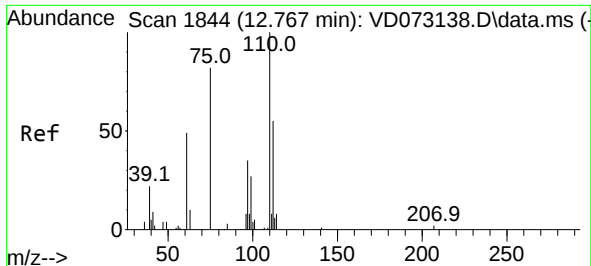
Ion Ratio Lower Upper

152 100

115 60.1 31.3 93.8

150 156.0 0.0 348.6

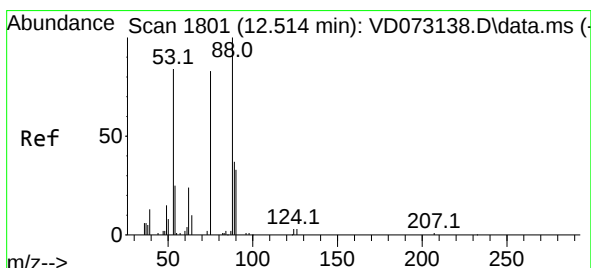
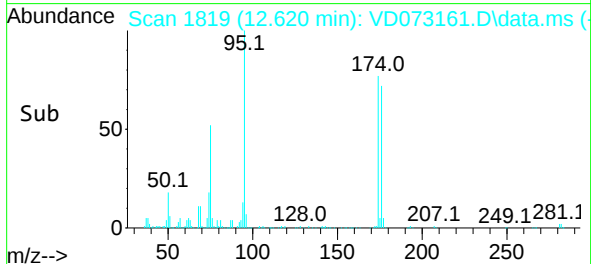
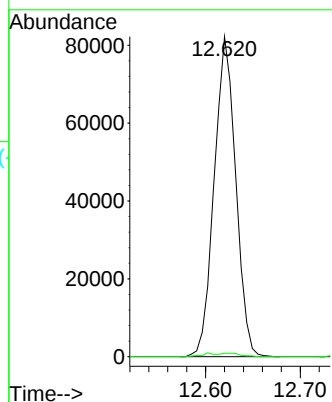
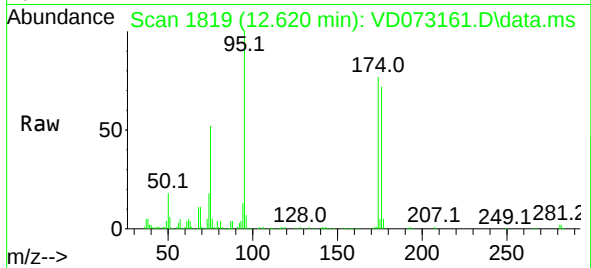




#76
1,2,3-Trichloropropane
Concen: 49.389 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073161.D
Acq: 20 May 2022 02:02

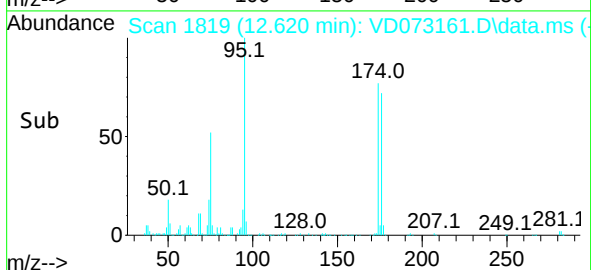
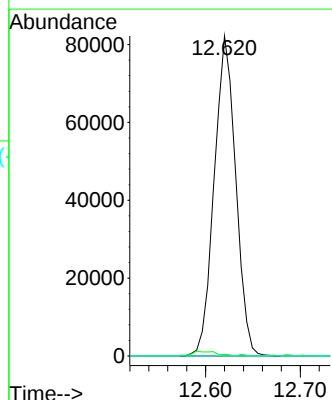
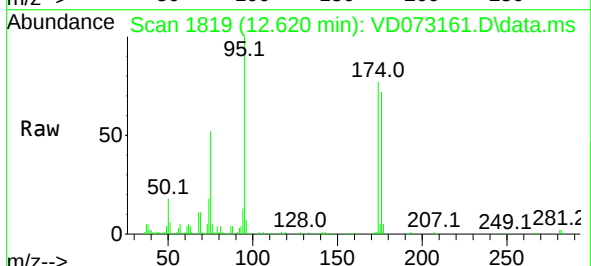
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01

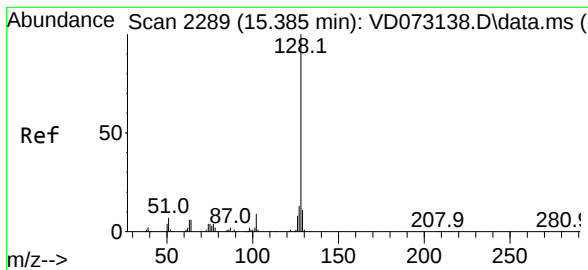
Tgt Ion: 75 Resp: 130081
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.569 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073161.D
Acq: 20 May 2022 02:02

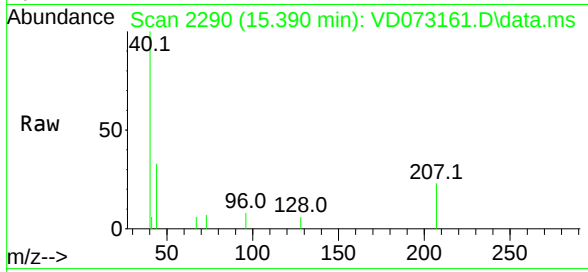
Tgt Ion: 75 Resp: 130081
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
 Naphthalene
 Concen: 3.548 ug/l
 RT: 15.390 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VD073161.D
 Acq: 20 May 2022 02:02

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS005-0006-01



Tgt Ion:	128	Resp:	63
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

