

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073343.D
 Acq On : 25 May 2022 01:23
 Operator : VA/SY
 Sample : N2949-24
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS004-0006-01

Quant Time: May 25 05:32:55 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)

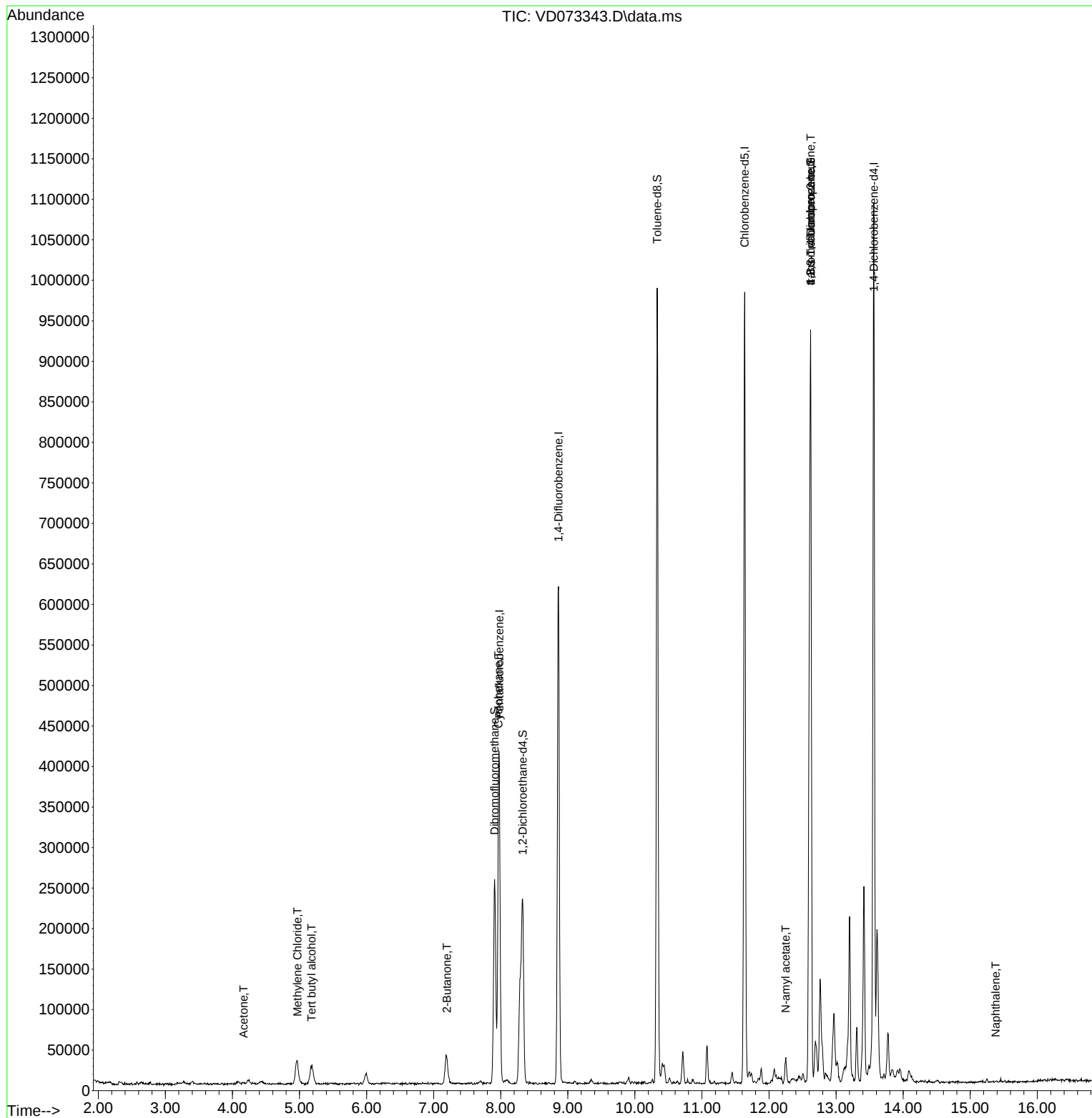
Internal Standards						
1) Pentafluorobenzene	7.979	168	296626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	529554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	557389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	282721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176135	53.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.460%	
35) Dibromofluoromethane	7.909	113	180027	51.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.040%	
50) Toluene-d8	10.332	98	644922	50.068	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	12.620	95	292561	64.719	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 129.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.774	94	1568	Below Cal	#	57
11) Tert butyl alcohol	5.179	59	21098	41.482	ug/l #	76
16) Acetone	4.168	43	3311	5.831	ug/l	91
20) Methylene Chloride	4.968	84	22127	2.338	ug/l #	82
25) 2-Butanone	7.197	43	2021	2.433	ug/l #	52
31) Cyclohexane	7.967	56	8555	1.493	ug/l #	1
74) N-amyl acetate	12.250	43	4870	1.108	ug/l #	64
76) 1,2,3-Trichloropropane	12.620	75	142193	51.260	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	142193	123.058	ug/l #	7
95) Naphthalene	15.379	128	1171	3.659	ug/l #	70

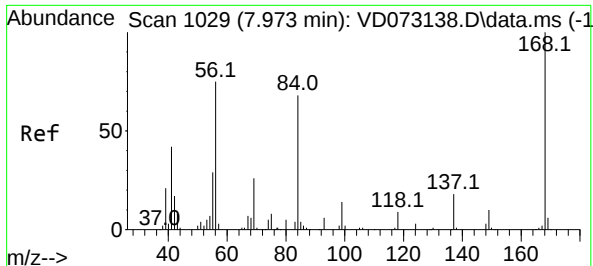
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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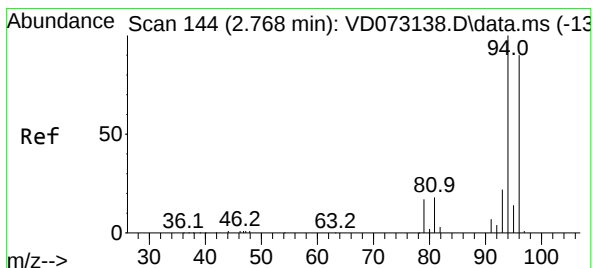
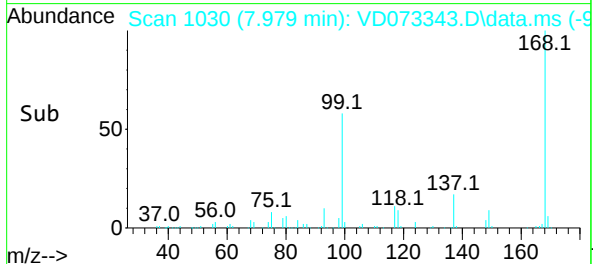
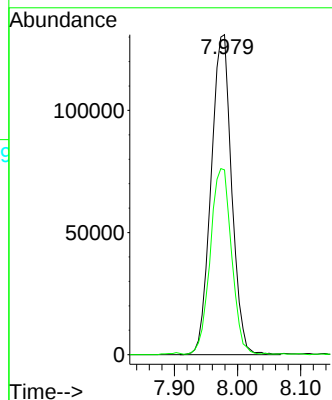
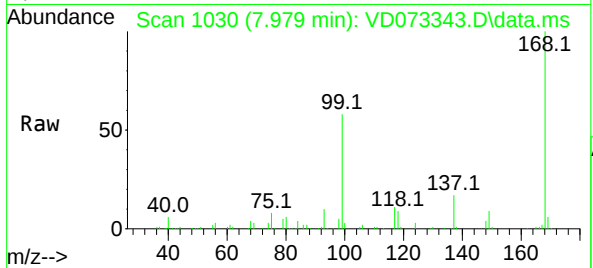




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

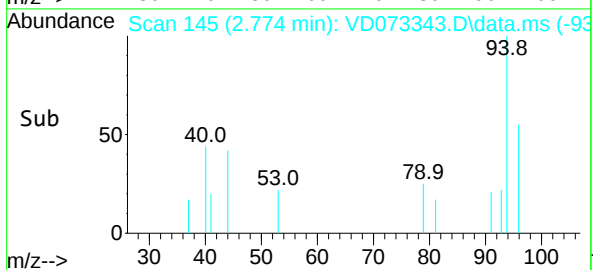
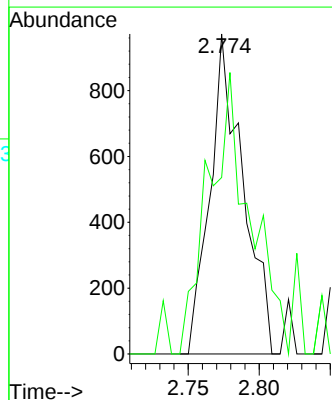
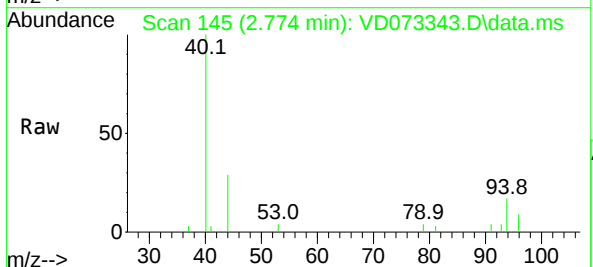
Instrument :
MSVOA_D
ClientSampleId :
P044-SS004-0006-01

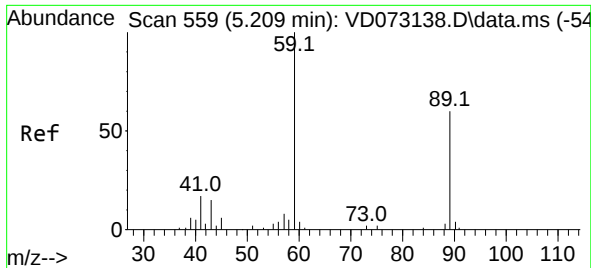
Tgt Ion:168 Resp: 296626
Ion Ratio Lower Upper
168 100
99 57.5 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

Tgt Ion: 94 Resp: 1568
Ion Ratio Lower Upper
94 100
96 55.1 77.6 116.4#

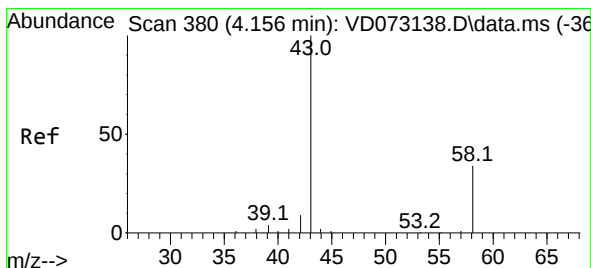
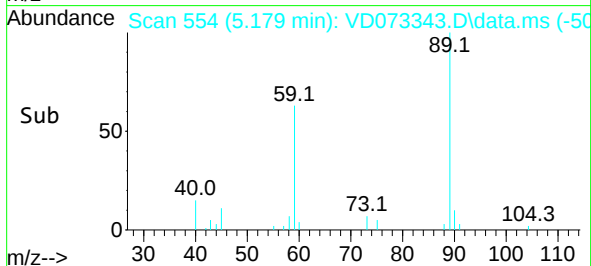
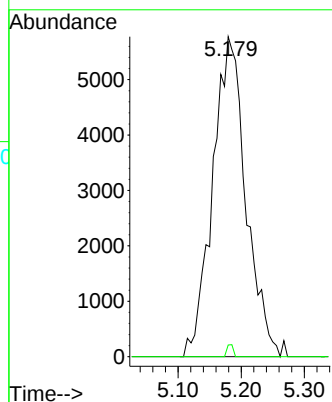
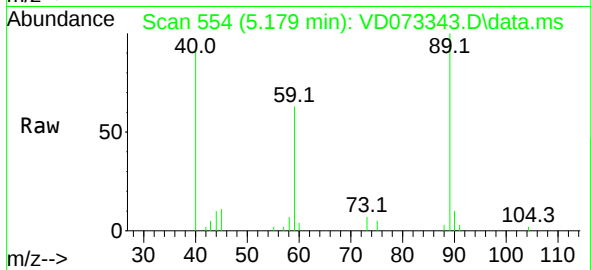




#11
Tert butyl alcohol
Concen: 41.482 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

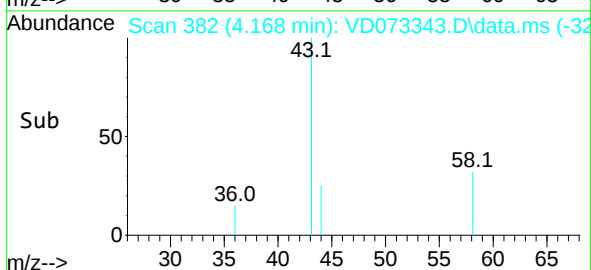
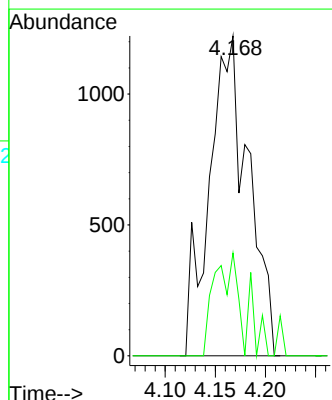
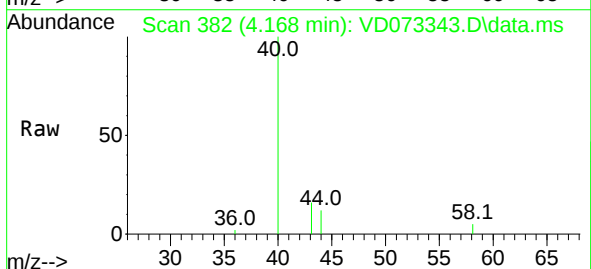
Instrument :
MSVOA_D
ClientSampleId :
P044-SS004-0006-01

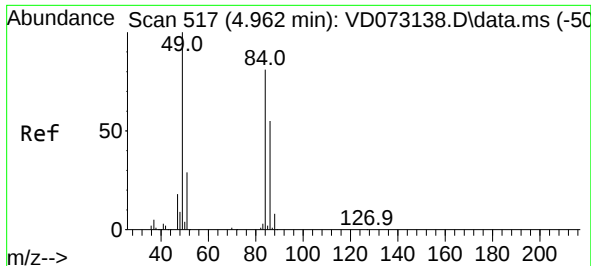
Tgt Ion: 59 Resp: 21098
Ion Ratio Lower Upper
59 100
57 0.7 7.8 11.6#



#16
Acetone
Concen: 5.831 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

Tgt Ion: 43 Resp: 3311
Ion Ratio Lower Upper
43 100
58 32.2 22.1 33.1

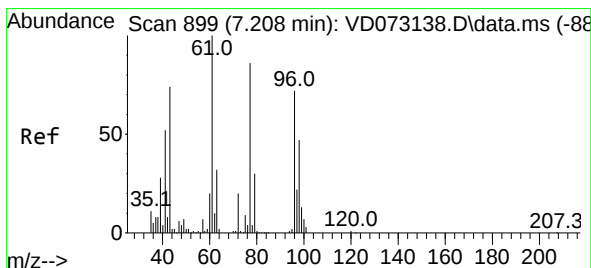
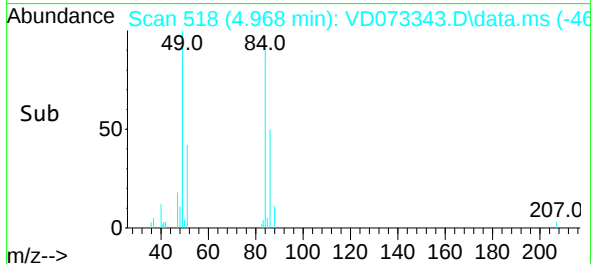
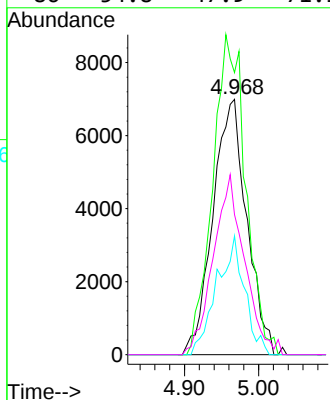
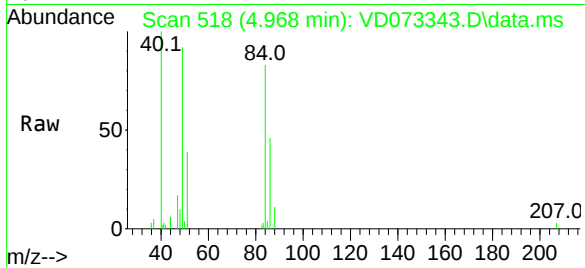




#20
Methylene Chloride
Concen: 2.338 ug/l
RT: 4.968 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

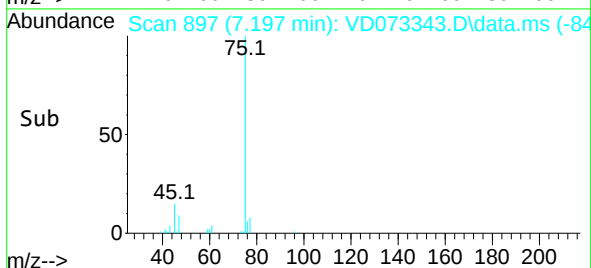
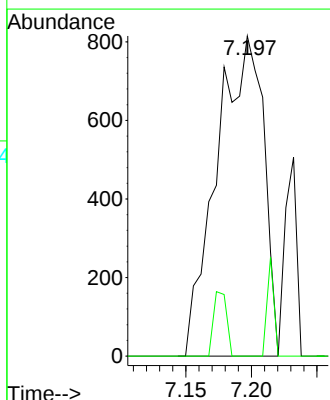
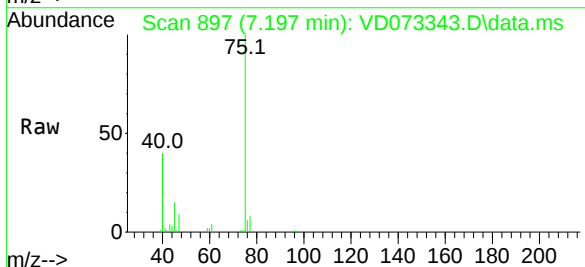
Instrument :
MSVOA_D
ClientSampleId :
P044-SS004-0006-01

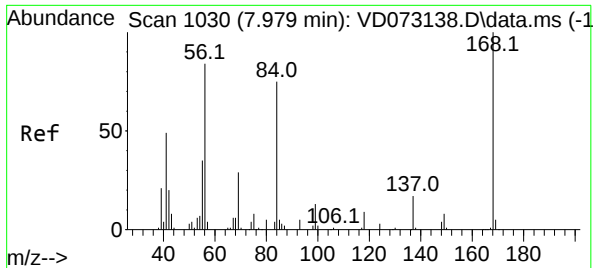
Tgt Ion: 84 Resp: 22127
Ion Ratio Lower Upper
84 100
49 110.4 112.8 169.2#
51 46.5 32.6 48.8
86 54.8 47.9 71.9



#25
2-Butanone
Concen: 2.433 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

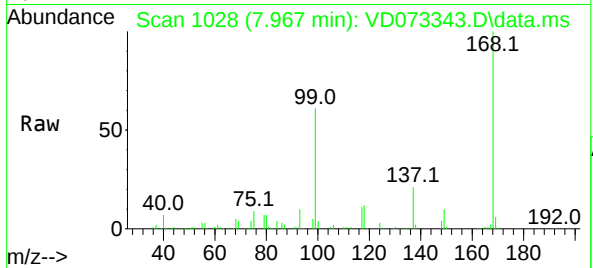
Tgt Ion: 43 Resp: 2021
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



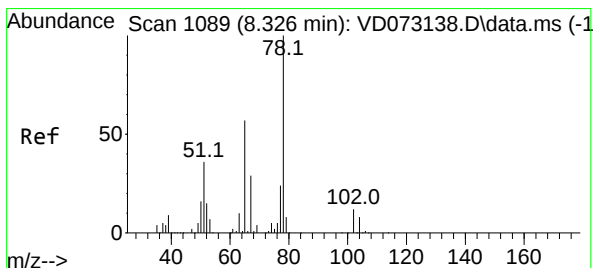
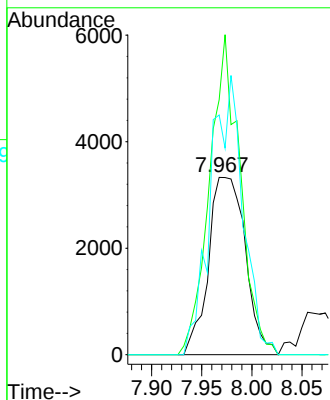
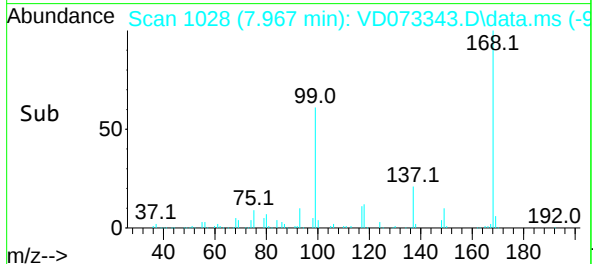


#31
Cyclohexane
Concen: 1.493 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

Instrument :
MSVOA_D
ClientSampleId :
P044-SS004-0006-01

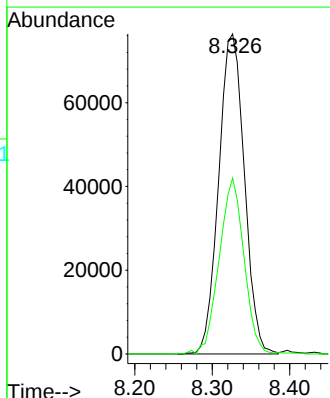
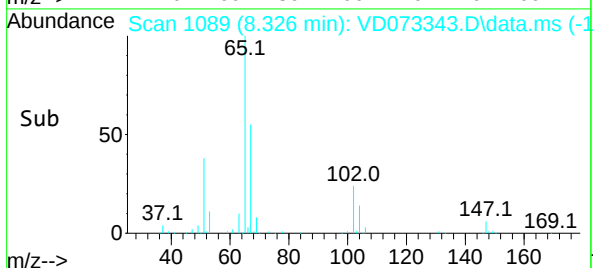
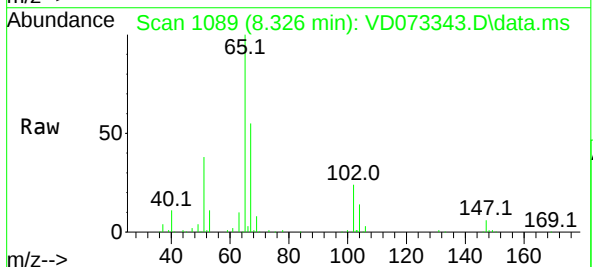


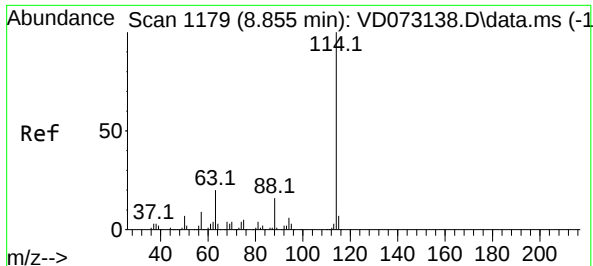
Tgt Ion: 56 Resp: 8555
Ion Ratio Lower Upper
56 100
69 143.7 25.4 38.2#
84 135.2 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 53.730 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

Tgt Ion: 65 Resp: 176135
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# 1179

Delta R.T. 0.006 min

Lab File: VD073343.D

Acq: 25 May 2022 01:23

Instrument :

MSVOA_D

ClientSampleId :

P044-SS004-0006-01

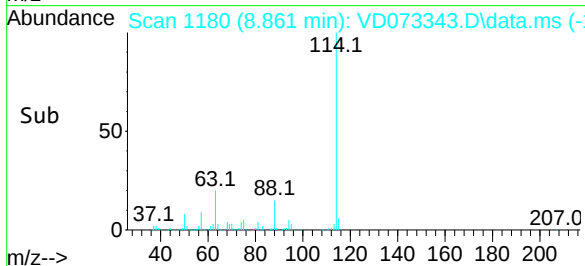
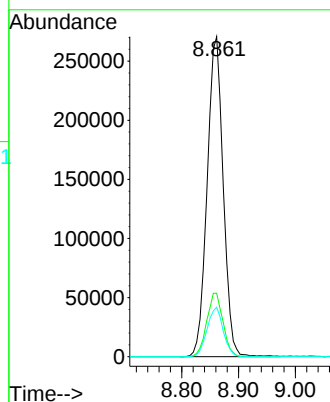
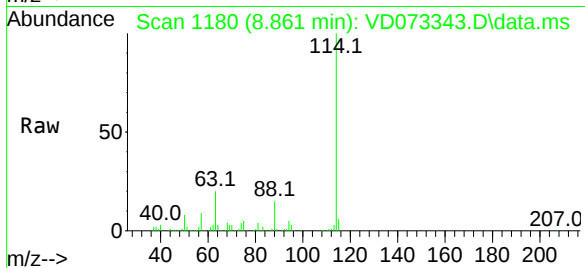
Tgt Ion:114 Resp: 529554

Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.519 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073343.D

Acq: 25 May 2022 01:23

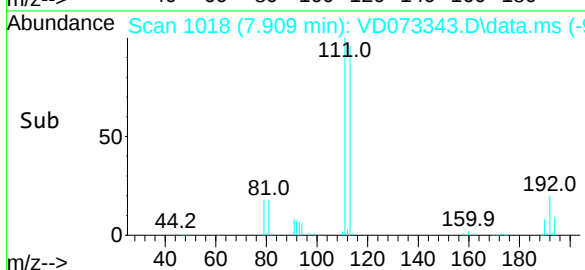
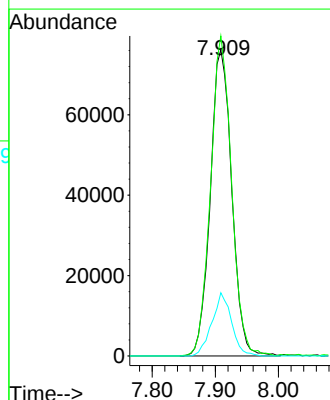
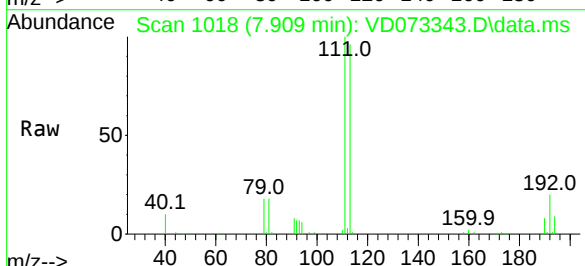
Tgt Ion:113 Resp: 180027

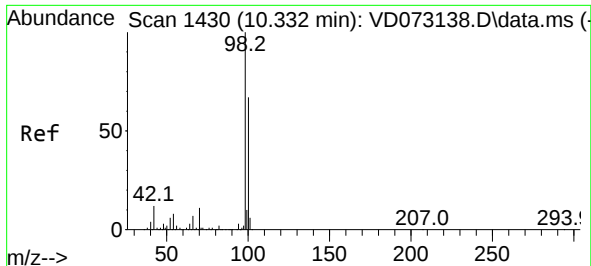
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 18.9 14.6 21.8

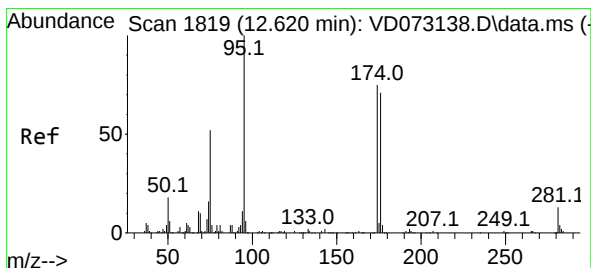
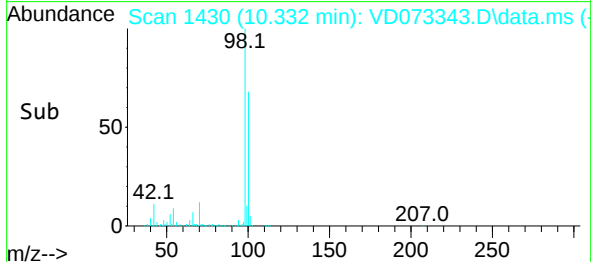
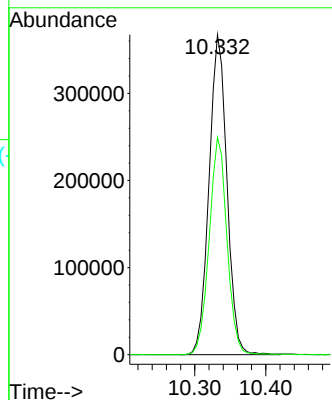
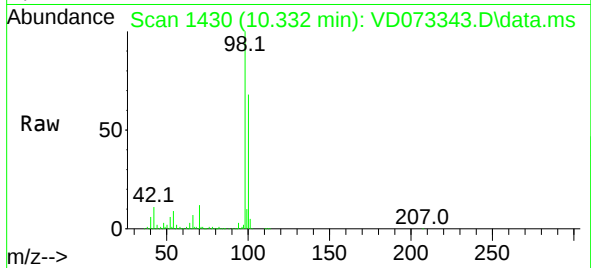




#50
Toluene-d8
Concen: 50.068 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

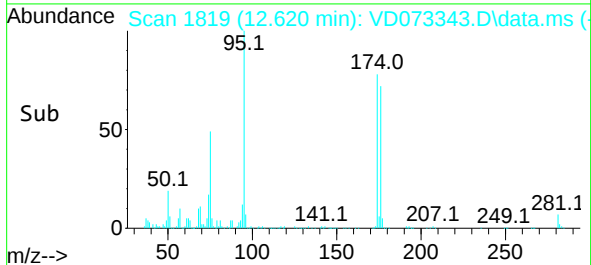
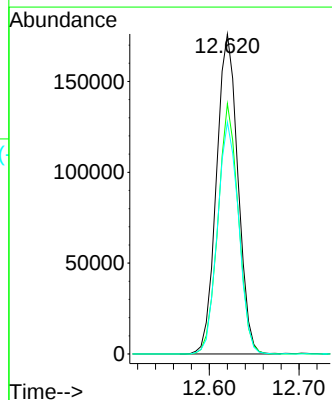
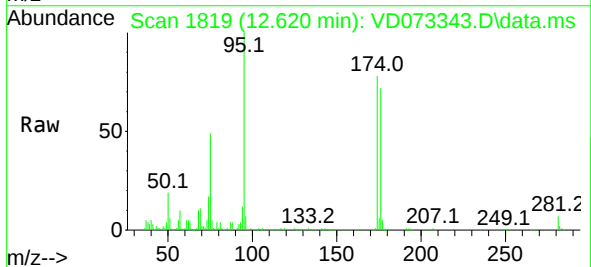
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P044-SS004-0006-01

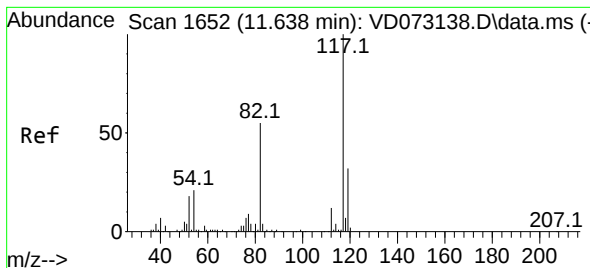
Tgt Ion: 98 Resp: 644922
Ion Ratio Lower Upper
98 100
100 67.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 64.719 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

Tgt Ion: 95 Resp: 292561
Ion Ratio Lower Upper
95 100
174 74.0 0.0 152.8
176 71.3 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: VD073343.D

Acq: 25 May 2022 01:23

Instrument :

MSVOA_D

ClientSampleId :

P044-SS004-0006-01

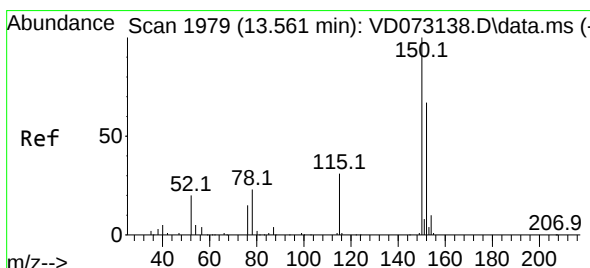
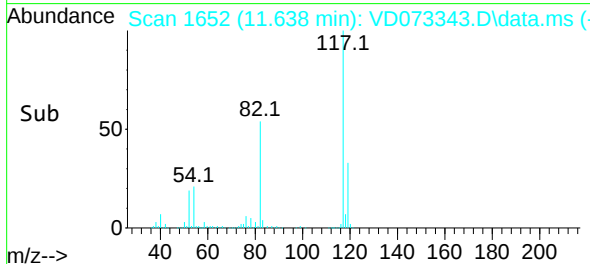
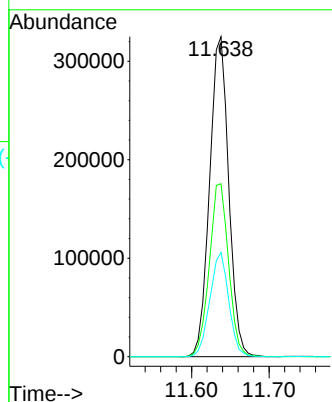
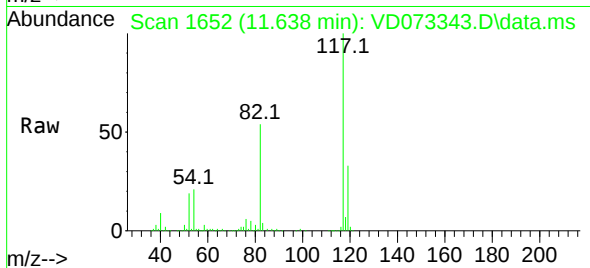
Tgt Ion:117 Resp: 557389

Ion Ratio Lower Upper

117 100

82 54.1 45.3 67.9

119 32.5 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: VD073343.D

Acq: 25 May 2022 01:23

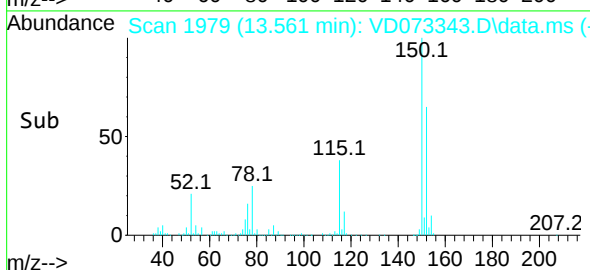
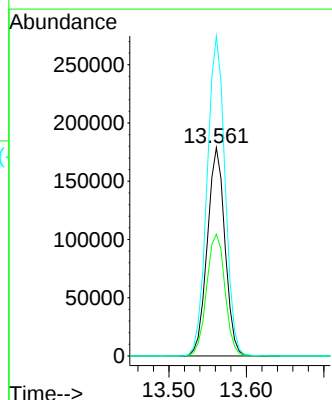
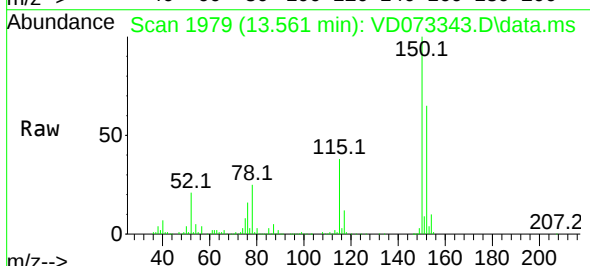
Tgt Ion:152 Resp: 282721

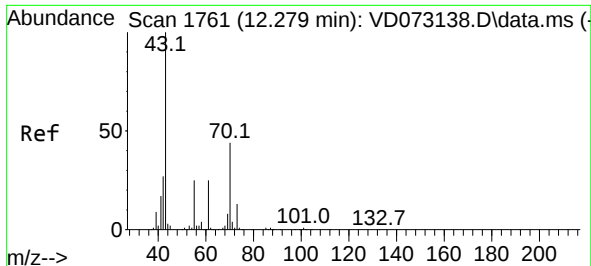
Ion Ratio Lower Upper

152 100

115 60.7 31.3 93.8

150 156.4 0.0 348.6

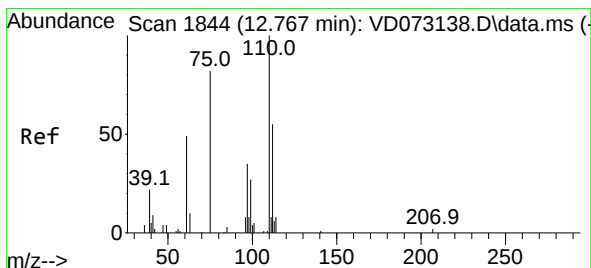
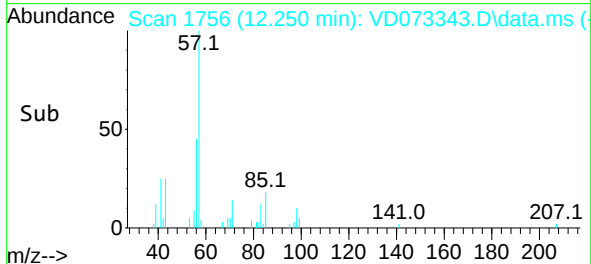
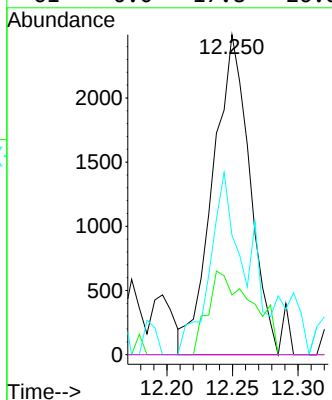
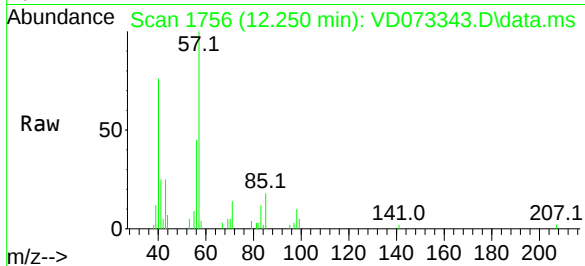




#74
N-amy1 acetate
Concen: 1.108 ug/l
RT: 12.250 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

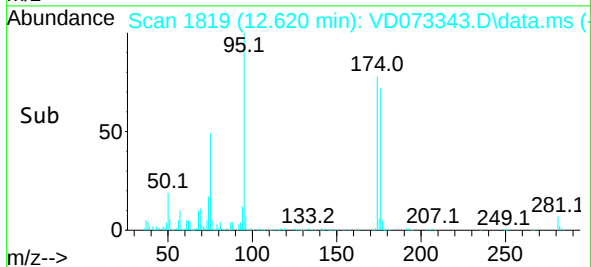
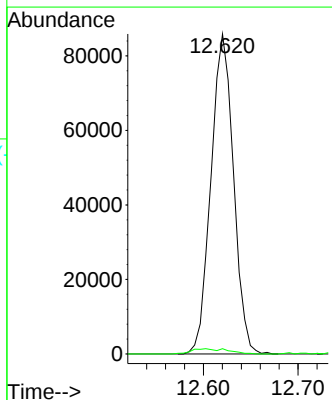
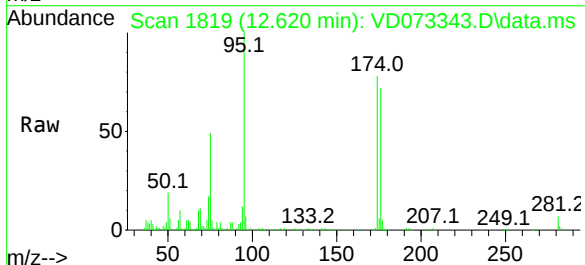
Instrument :
MSVOA_D
ClientSampleId :
P044-SS004-0006-01

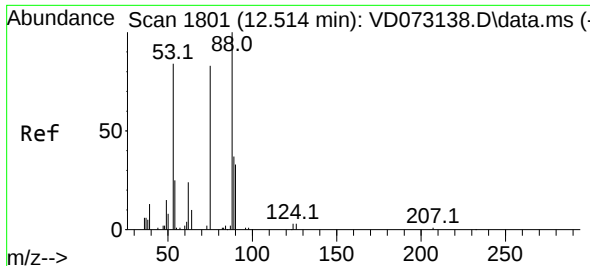
Tgt Ion: 43	Resp: 4870
Ion Ratio	Lower Upper
43 100	
70 31.6	31.3 46.9
55 56.1	20.0 30.0#
61 0.0	17.8 26.8#



#76
1,2,3-Trichloropropane
Concen: 51.260 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

Tgt Ion: 75	Resp: 142193
Ion Ratio	Lower Upper
75 100	
77 1.7	0.0 0.0#

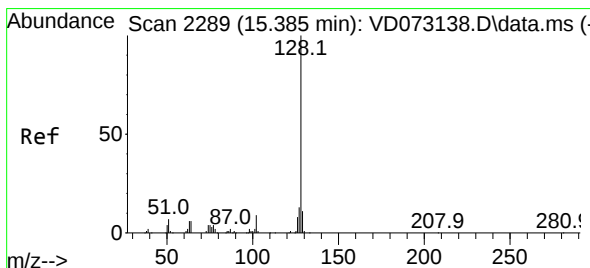
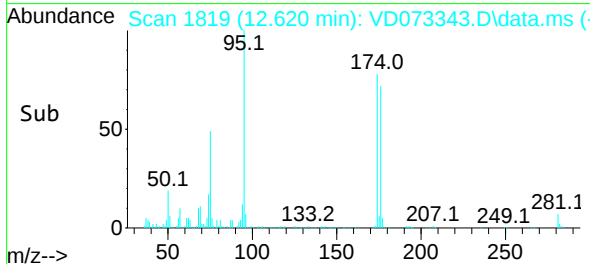
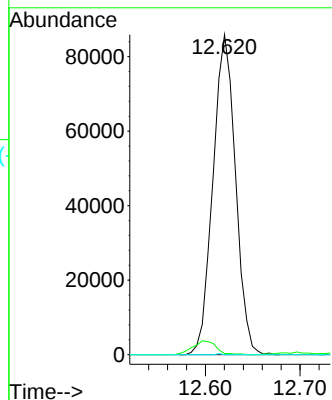
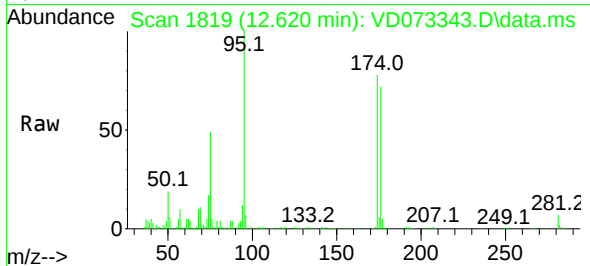




#81
trans-1,4-Dichloro-2-butene
Concen: 123.058 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

Instrument :
MSVOA_D
ClientSampleId :
P044-SS004-0006-01

Tgt Ion: 75 Resp: 142193
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 3.659 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

Tgt Ion: 128 Resp: 1171
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

