

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073467.D
 Acq On : 02 Jun 2022 12:58
 Operator : VA/SY
 Sample : N3108-01RE
 Misc : 4.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NP-1

Quant Time: Jun 03 01:29:11 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	178778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	331368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	393048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	193702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	127086	64.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.640%	
35) Dibromofluoromethane	7.908	113	128577	58.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.600%	
50) Toluene-d8	10.332	98	423830	52.582	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.160%	
62) 4-Bromofluorobenzene	12.620	95	178075	62.953	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 125.900%	

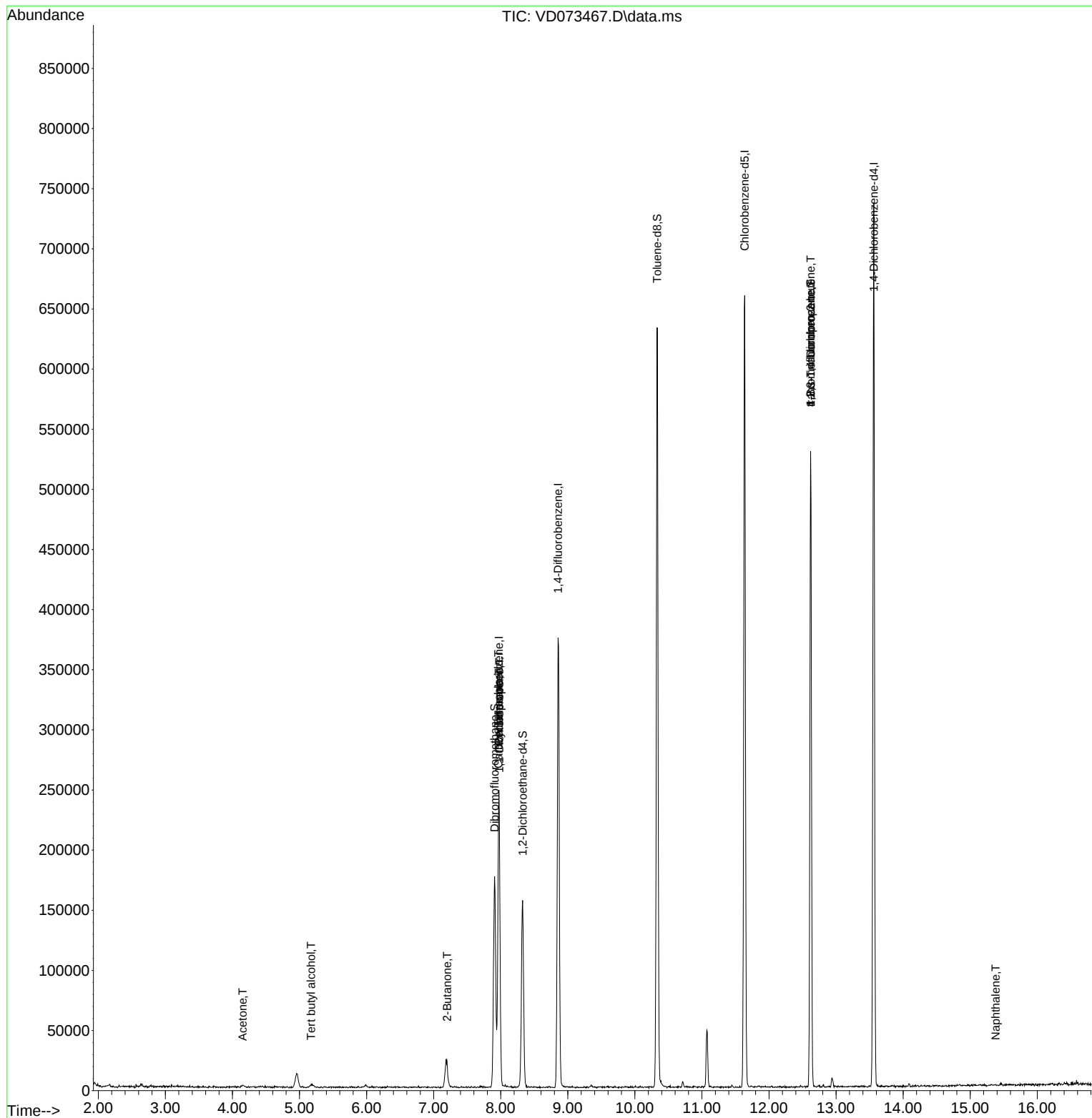
Target Compounds			Qvalue			
5) Bromomethane	2.785	94	670	Below Cal	#	30
11) Tert butyl alcohol	5.173	59	1961	6.397	ug/l #	74
16) Acetone	4.150	43	3166	9.251	ug/l	95
25) 2-Butanone	7.203	43	804	1.606	ug/l #	52
31) Cyclohexane	7.973	56	3951	1.144	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	14394	4.377	ug/l #	50
38) Carbon Tetrachloride	7.967	117	17473	5.242	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	88987	46.822	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	88987	112.404	ug/l #	7
95) Naphthalene	15.379	128	394	3.599	ug/l #	70

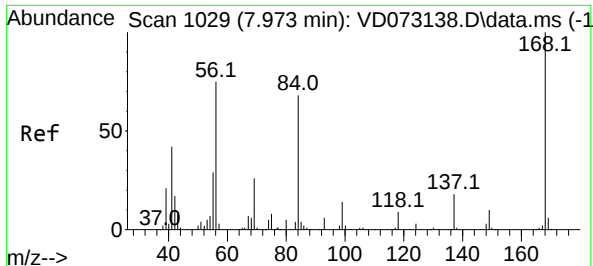
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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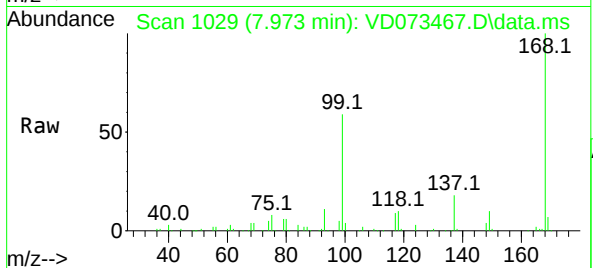
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



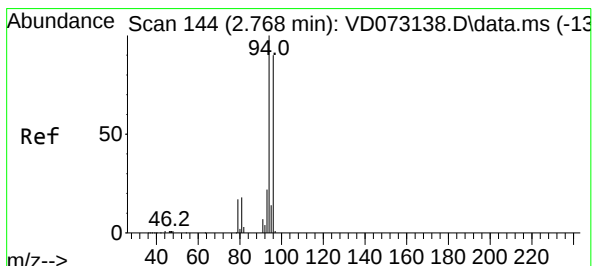
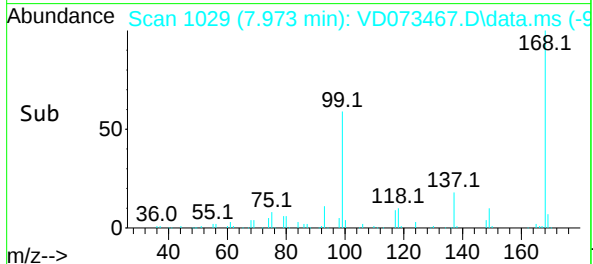
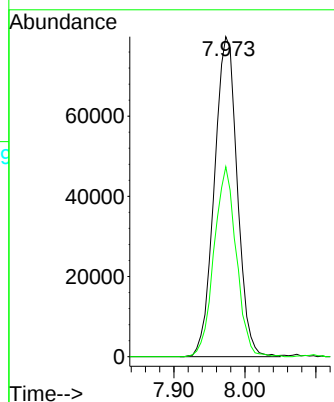


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

Instrument :
MSVOA_D
ClientSampleId :
NP-1

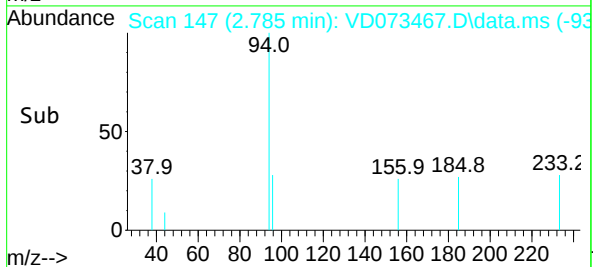
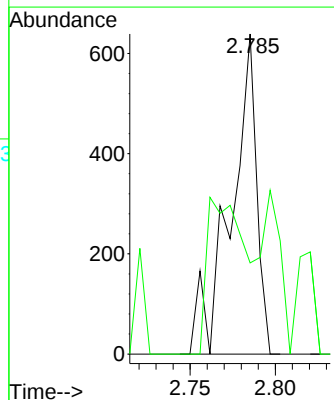
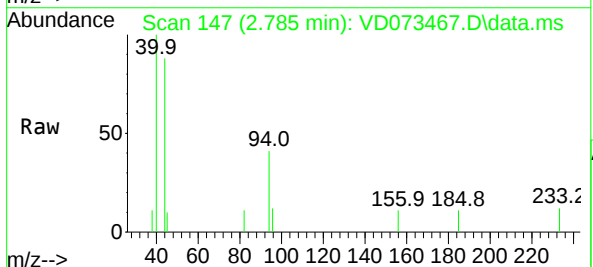


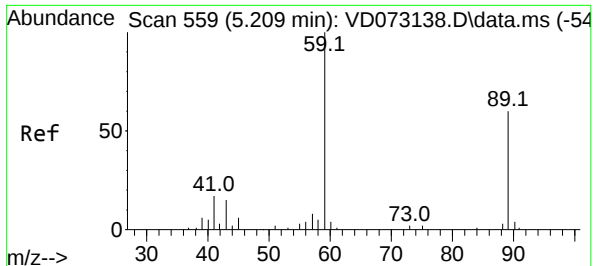
Tgt Ion:168 Resp: 178778
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

Tgt Ion: 94 Resp: 670
Ion Ratio Lower Upper
94 100
96 28.5 77.6 116.4#

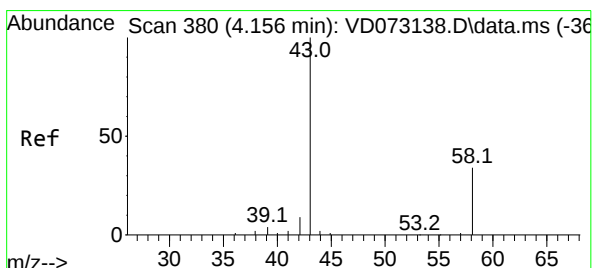
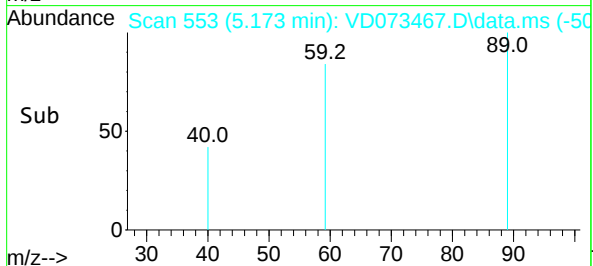
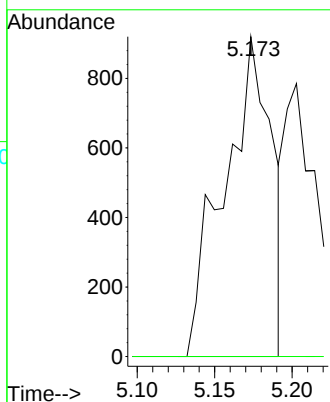
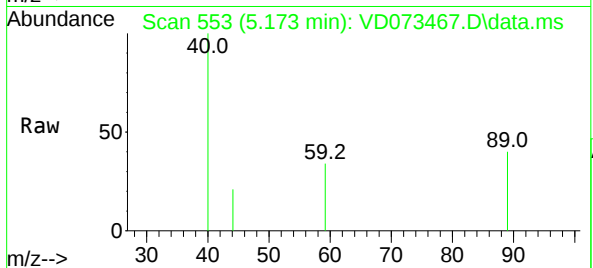




#11
Tert butyl alcohol
Concen: 6.397 ug/l
RT: 5.173 min Scan# 511
Delta R.T. -0.036 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

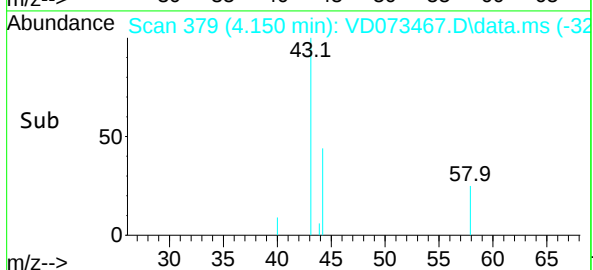
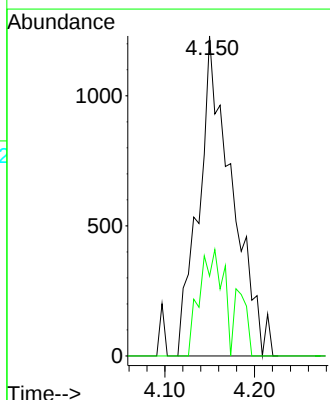
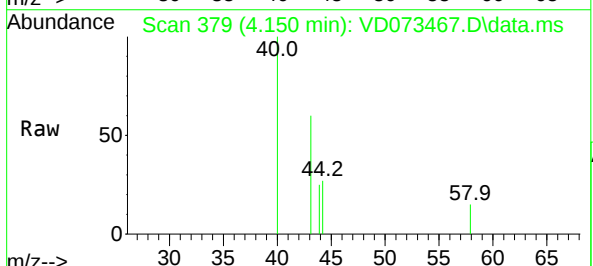
Instrument :
MSVOA_D
ClientSampleId :
NP-1

Tgt Ion: 59 Resp: 1961
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 9.251 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

Tgt Ion: 43 Resp: 3166
Ion Ratio Lower Upper
43 100
58 25.0 22.1 33.1

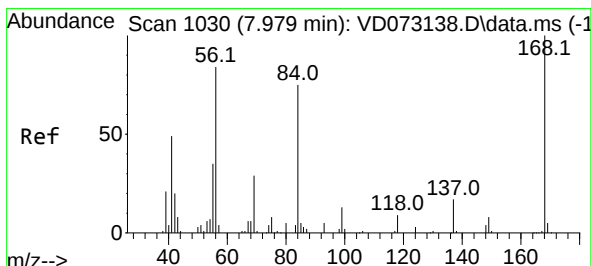
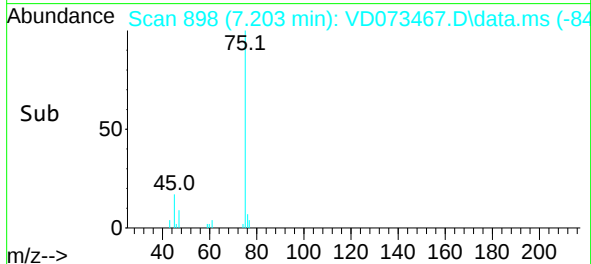
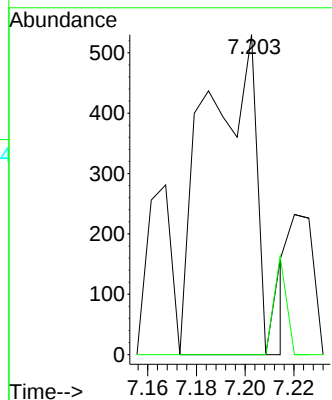
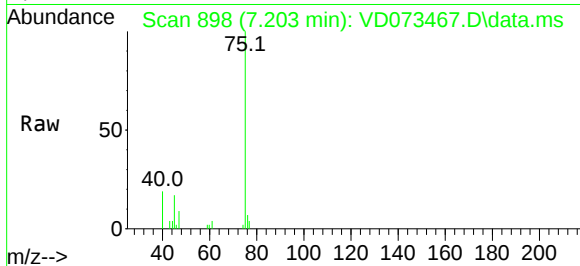




#25
2-Butanone
Concen: 1.606 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

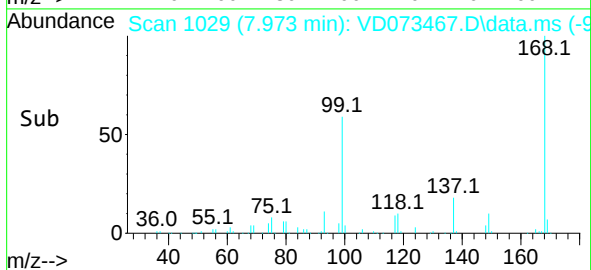
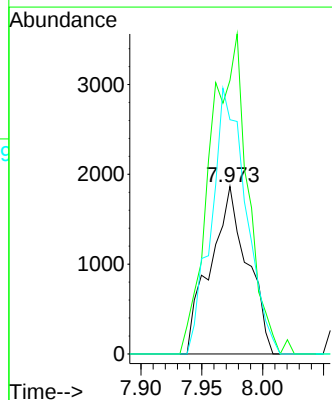
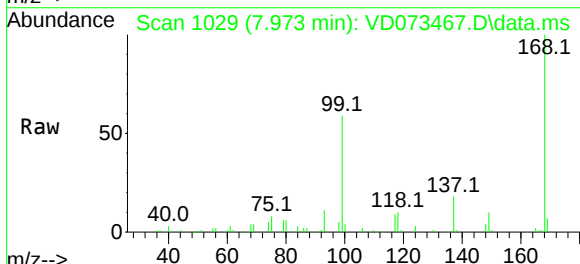
Instrument :
MSVOA_D
ClientSampleId :
NP-1

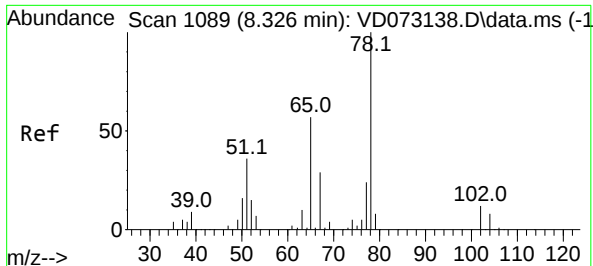
Tgt Ion: 43 Resp: 804
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

Tgt Ion: 56 Resp: 3951
Ion Ratio Lower Upper
56 100
69 163.3 25.4 38.2#
84 139.8 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 64.323 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073467.D

Acq: 02 Jun 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

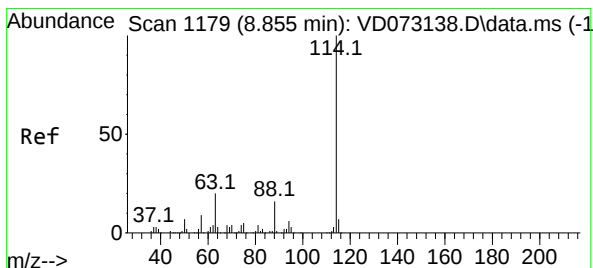
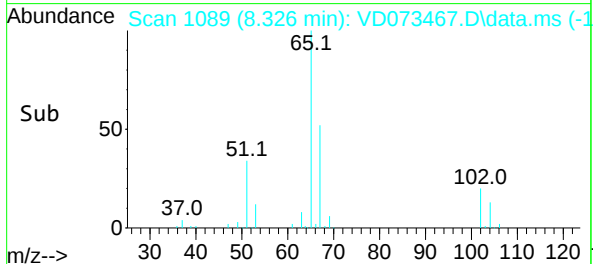
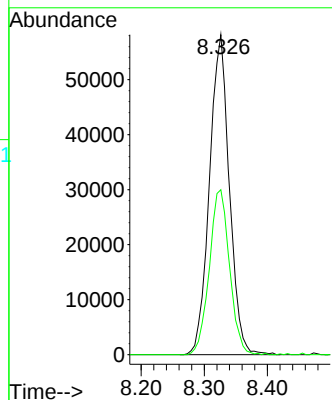
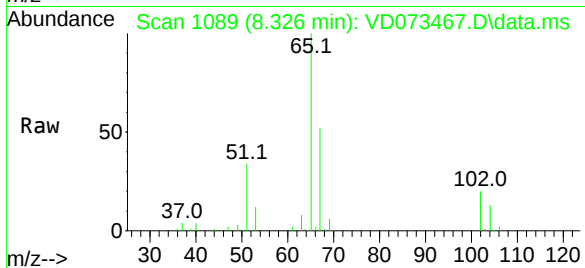
NP-1

Tgt Ion: 65 Resp: 127086

Ion Ratio Lower Upper

65 100

67 52.4 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: VD073467.D

Acq: 02 Jun 2022 12:58

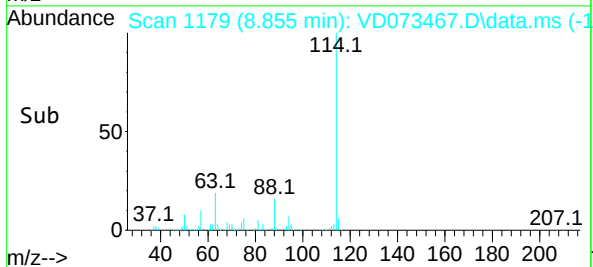
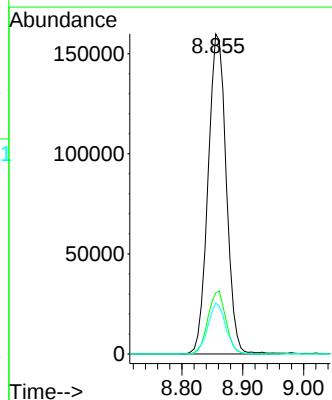
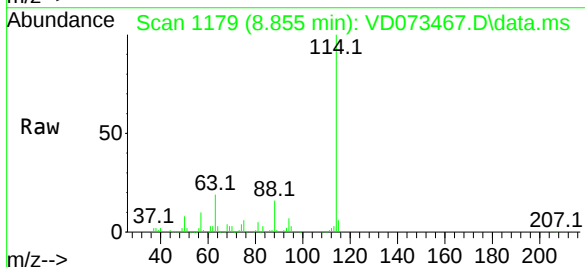
Tgt Ion: 114 Resp: 331368

Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 58.803 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073467.D

Acq: 02 Jun 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

NP-1

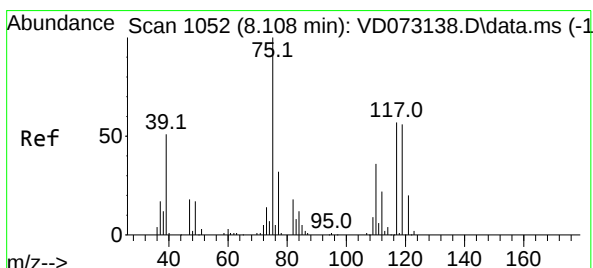
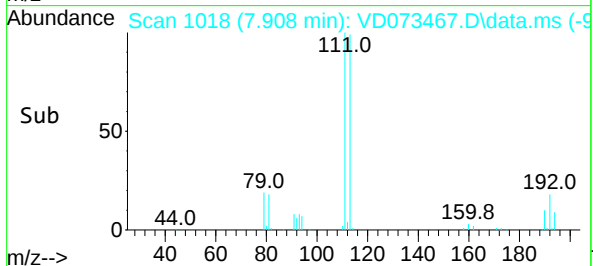
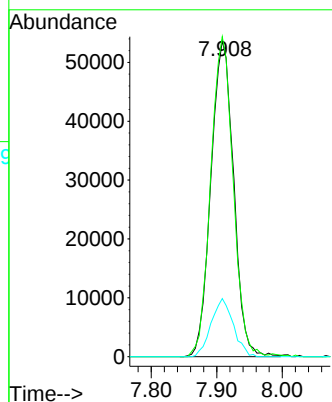
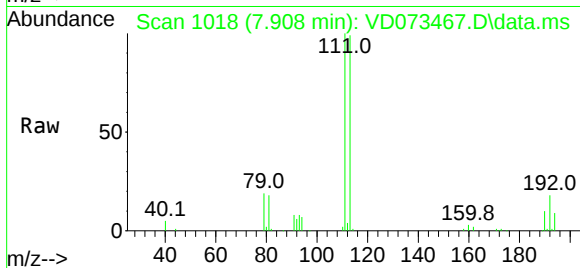
Tgt Ion:113 Resp: 128577

Ion Ratio Lower Upper

113 100

111 100.1 83.8 125.6

192 18.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.377 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD073467.D

Acq: 02 Jun 2022 12:58

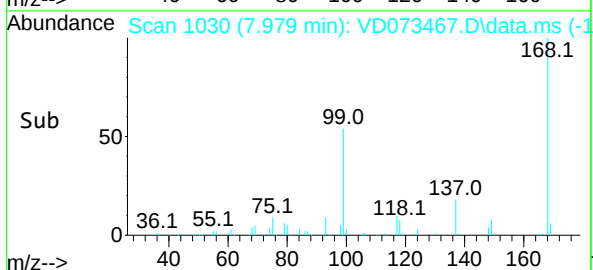
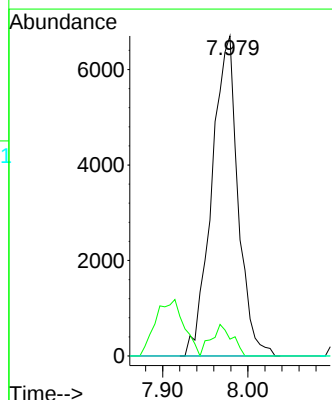
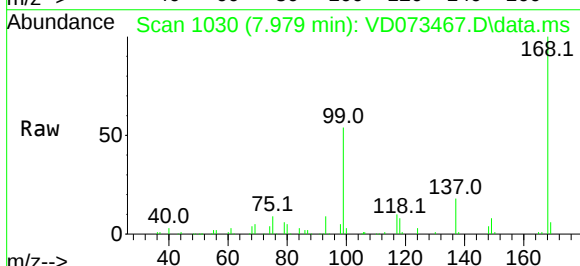
Tgt Ion: 75 Resp: 14394

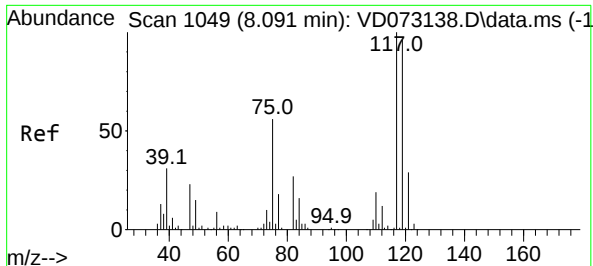
Ion Ratio Lower Upper

75 100

110 7.8 16.4 49.1#

77 0.0 24.2 36.2#

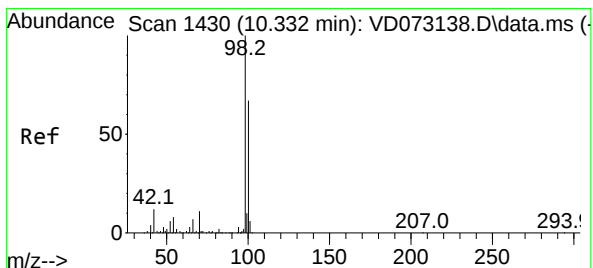
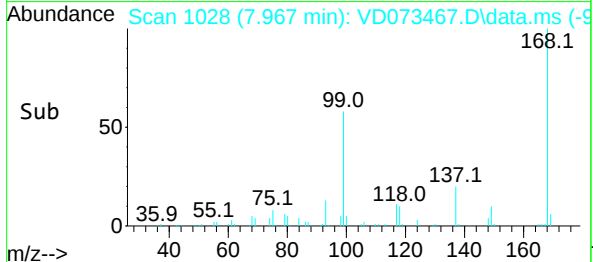
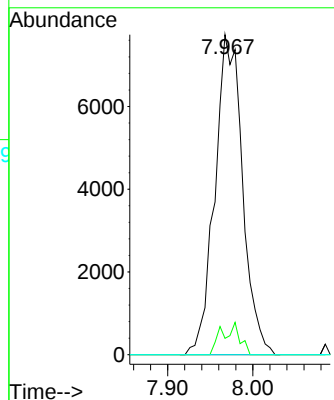
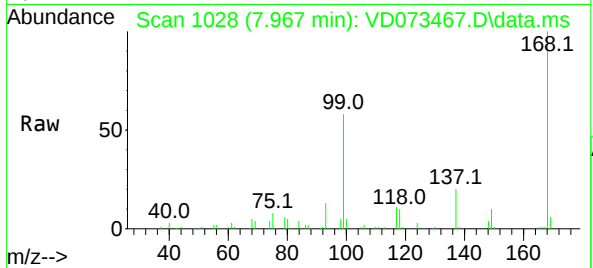




#38
Carbon Tetrachloride
Concen: 5.242 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

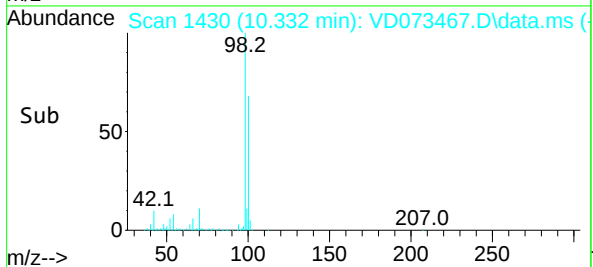
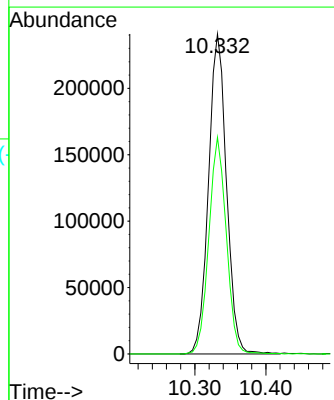
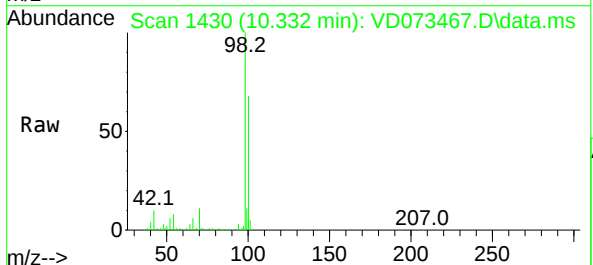
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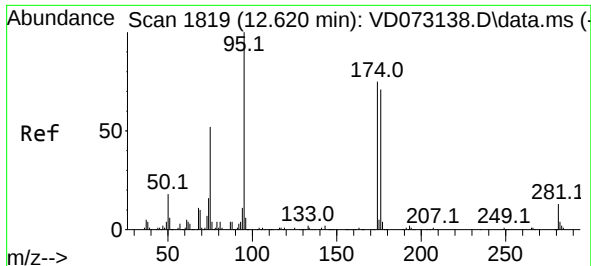
Tgt Ion:117 Resp: 17473
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.582 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

Tgt Ion: 98 Resp: 423830
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

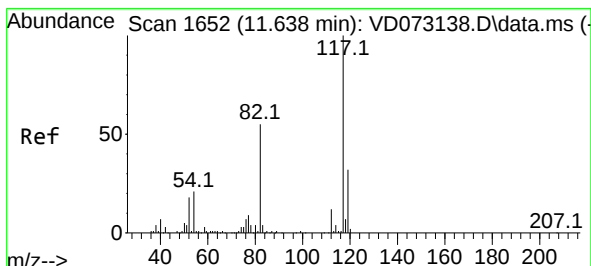
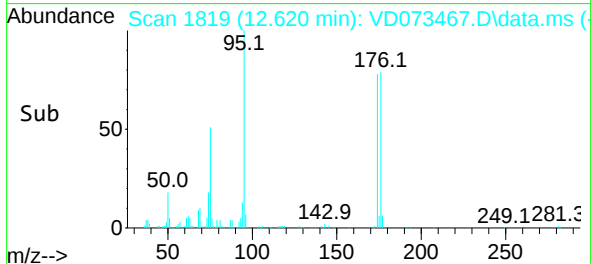
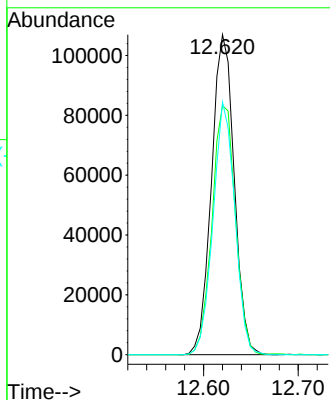
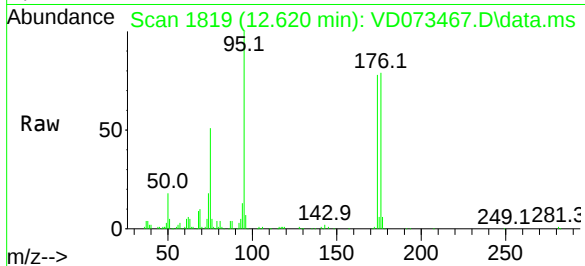




#62
4-Bromofluorobenzene
Concen: 62.953 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

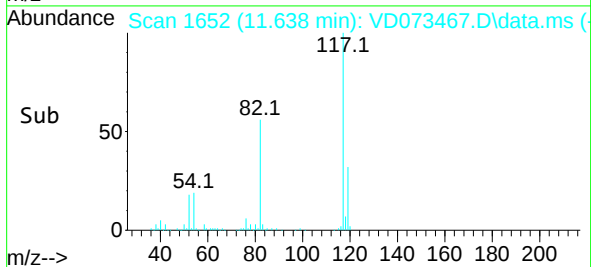
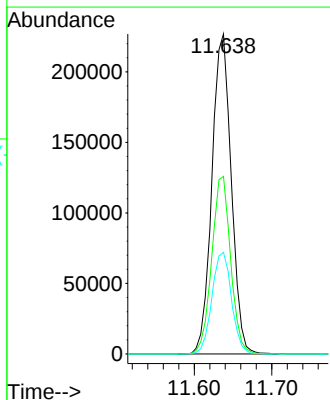
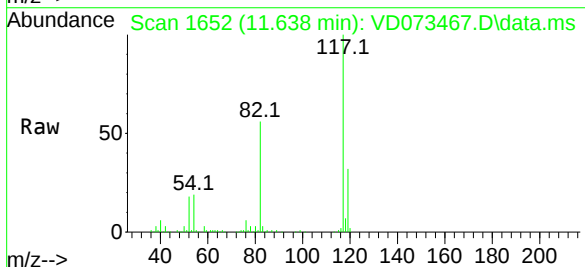
Instrument :
MSVOA_D
ClientSampleId :
NP-1

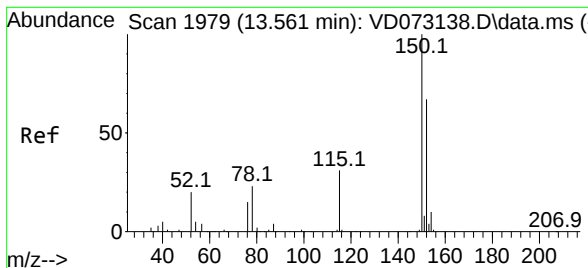
Tgt Ion: 95 Resp: 178075
Ion Ratio Lower Upper
95 100
174 80.1 0.0 152.8
176 75.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

Tgt Ion: 117 Resp: 393048
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 31.7 26.6 40.0

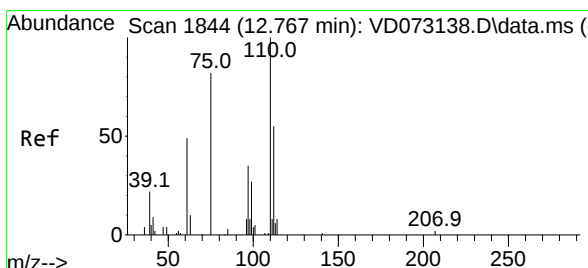
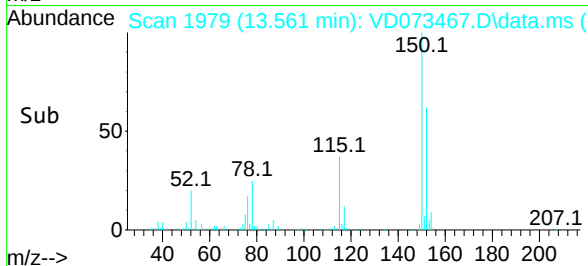
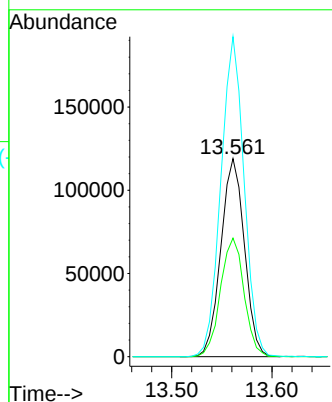
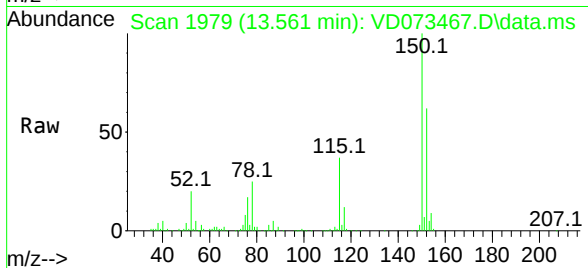




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073467.D
 Acq: 02 Jun 2022 12:58

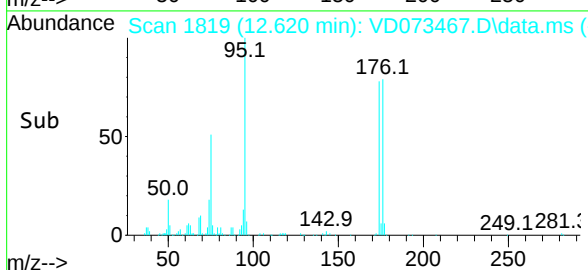
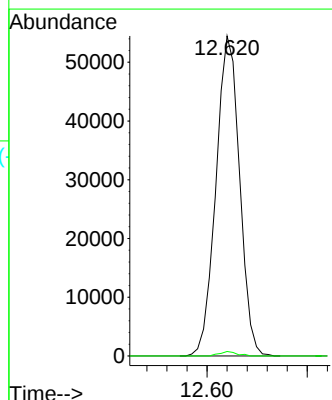
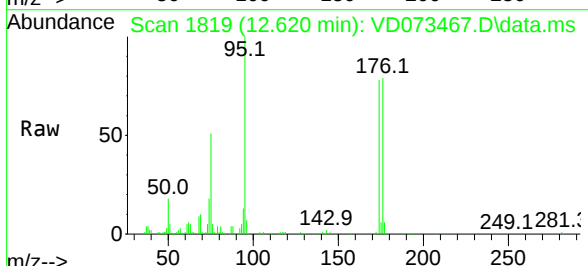
Instrument :
 MSVOA_D
 ClientSampleId :
 NP-1

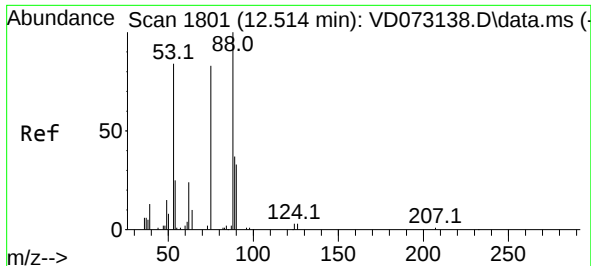
Tgt Ion:152 Resp: 193702
 Ion Ratio Lower Upper
 152 100
 115 59.9 31.3 93.8
 150 159.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 46.822 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073467.D
 Acq: 02 Jun 2022 12:58

Tgt Ion: 75 Resp: 88987
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

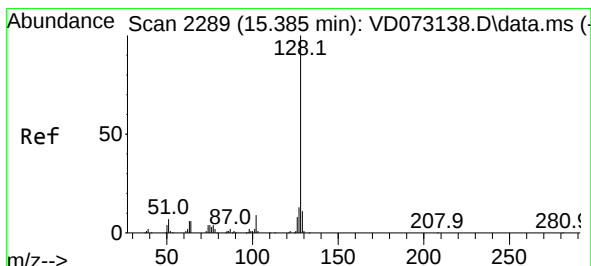
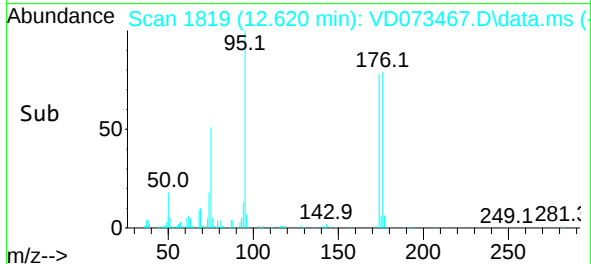
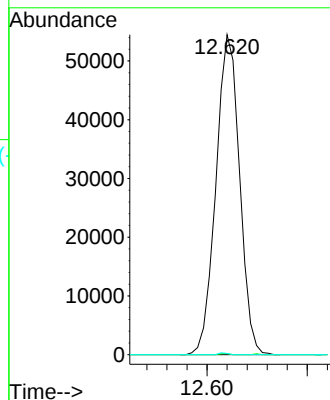
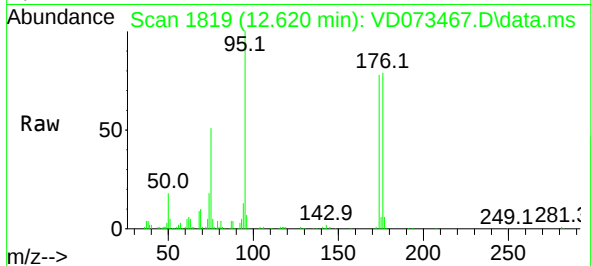




#81
trans-1,4-Dichloro-2-butene
Concen: 112.404 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

Instrument :
MSVOA_D
ClientSampleId :
NP-1

Tgt Ion: 75 Resp: 88987
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#



#95
Naphthalene
Concen: 3.599 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

Tgt Ion: 128 Resp: 394
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

