

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073469.D
 Acq On : 02 Jun 2022 13:56
 Operator : VA/SY
 Sample : N3159-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-1-060122

Quant Time: Jun 03 01:29:28 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)

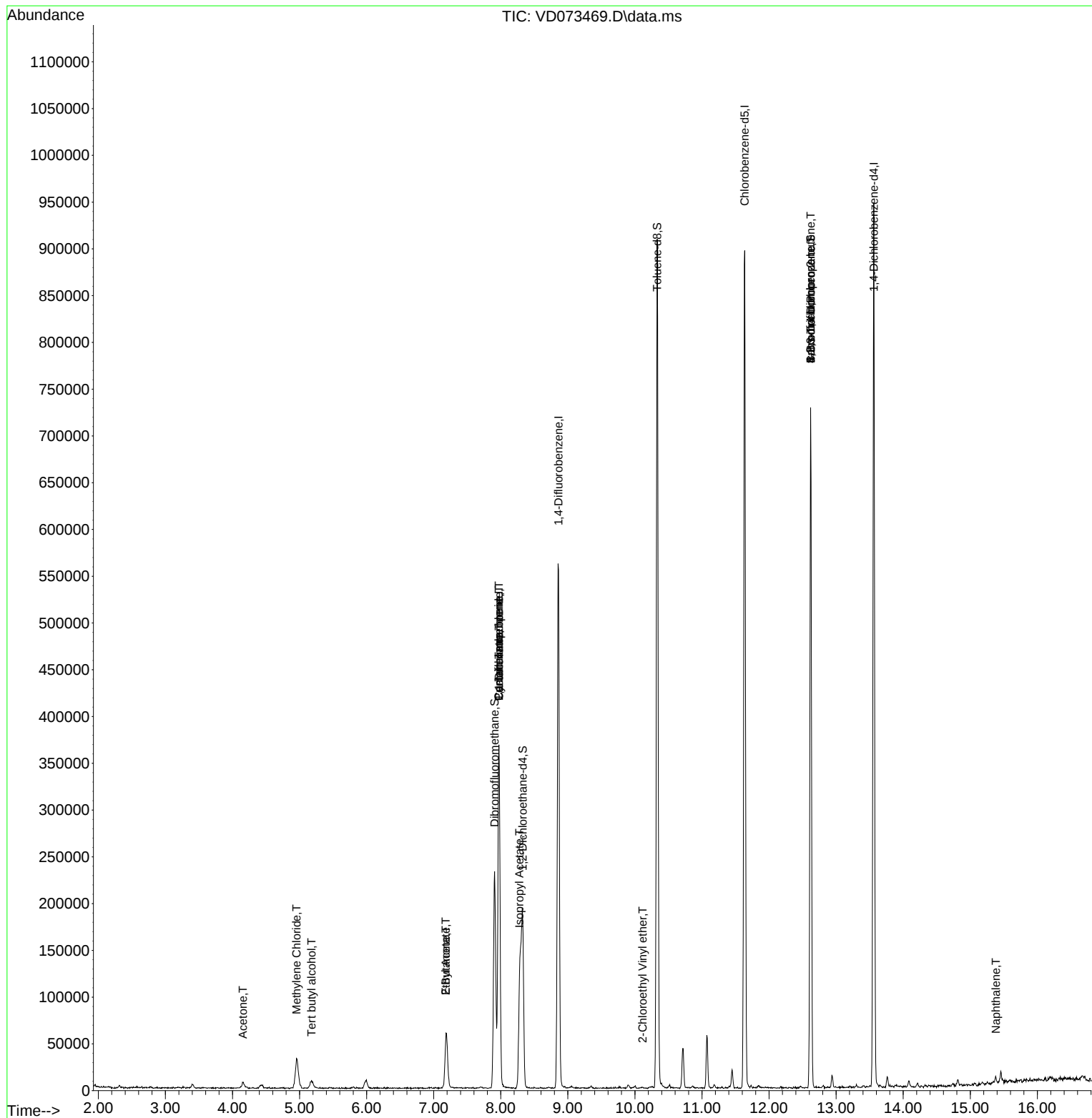
Internal Standards						
1) Pentafluorobenzene	7.973	168	270096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	493635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	537047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	247539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	143997	48.241	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.480%			
35) Dibromofluoromethane	7.908	113	167056	51.286	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.580%			
50) Toluene-d8	10.332	98	615028	51.221	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.440%			
62) 4-Bromofluorobenzene	12.620	95	232151	55.092	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.180%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	578	Below Cal	#	63
11) Tert butyl alcohol	5.179	59	7705	16.637	ug/l #	74
16) Acetone	4.156	43	10404	20.123	ug/l	91
20) Methylene Chloride	4.956	84	24581	3.807	ug/l #	77
25) 2-Butanone	7.179	43	2982	3.942	ug/l #	52
31) Cyclohexane	7.973	56	6689	1.282	ug/l #	2
36) 1,1-Dichloropropene	7.973	75	22747	4.643	ug/l #	51
37) Ethyl Acetate	7.179	43	2982	1.541	ug/l #	1
38) Carbon Tetrachloride	7.973	117	29256	5.891	ug/l #	17
43) Isopropyl Acetate	8.279	43	3966	1.109	ug/l #	20
58) 2-Chloroethyl Vinyl ether	10.114	63	54	21.656	ug/l #	48
71) Bromoform	12.620	173	2383	1.133	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	116342	47.901	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	116342	114.996	ug/l #	7
95) Naphthalene	15.385	128	6424	4.278	ug/l #	90

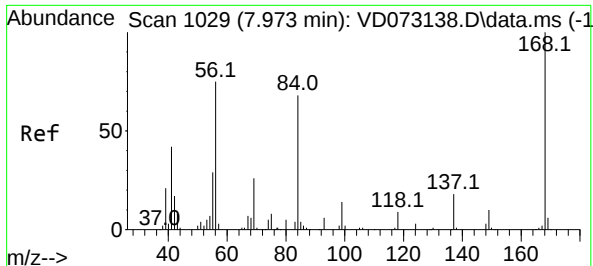
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N3159-01
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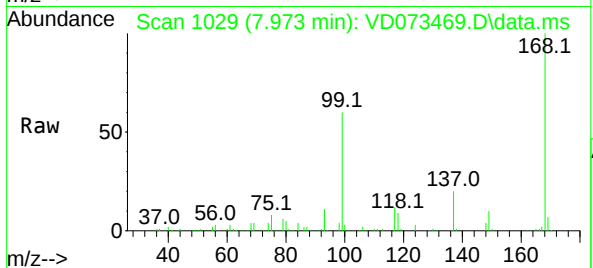
Quant Time: Jun 03 01:29:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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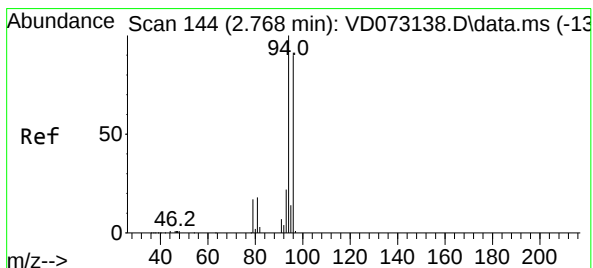
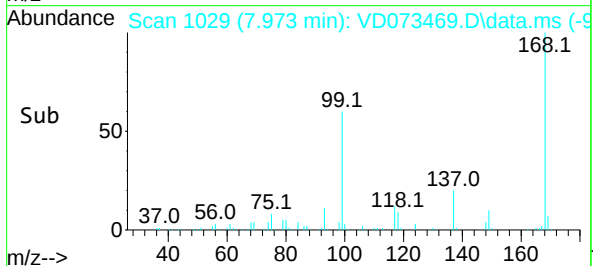
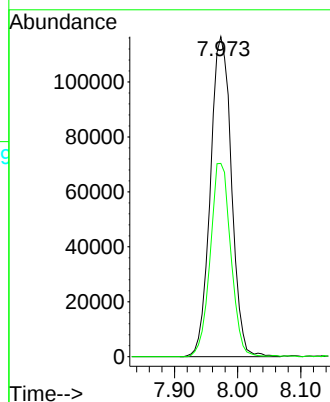


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

Instrument :
MSVOA_D
ClientSampleId :
PT-1-060122

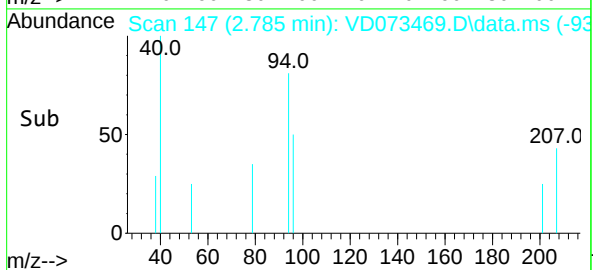
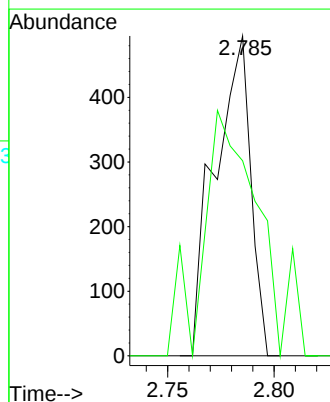
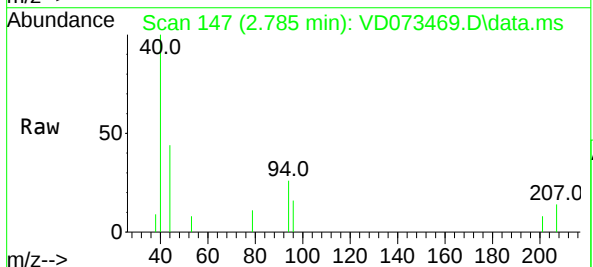


Tgt Ion:168 Resp: 270096
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

Tgt Ion: 94 Resp: 578
Ion Ratio Lower Upper
94 100
96 61.0 77.6 116.4#

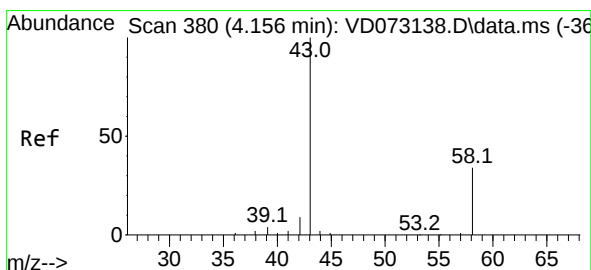
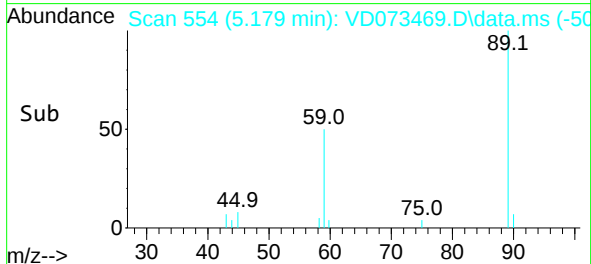
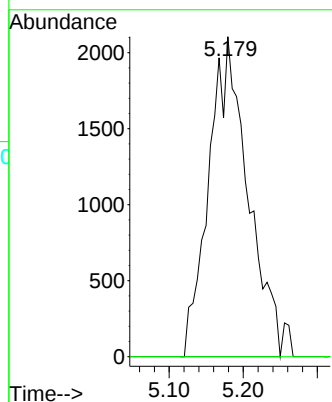
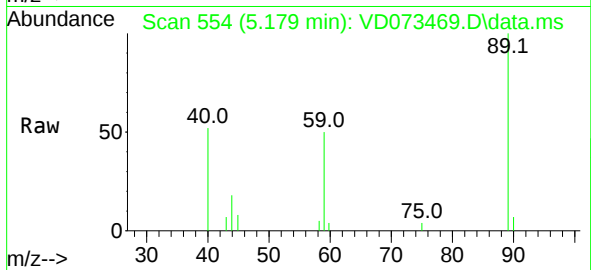




#11
Tert butyl alcohol
Concen: 16.637 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

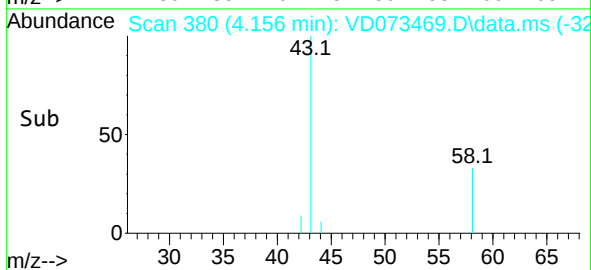
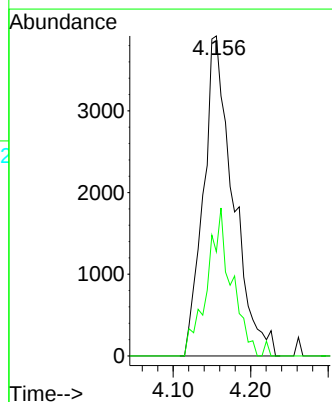
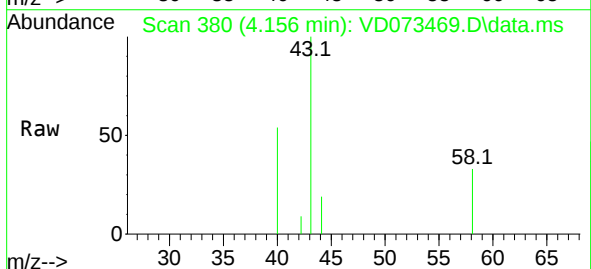
Instrument :
MSVOA_D
ClientSampleId :
PT-1-060122

Tgt Ion: 59 Resp: 7705
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 20.123 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

Tgt Ion: 43 Resp: 10404
Ion Ratio Lower Upper
43 100
58 32.5 22.1 33.1

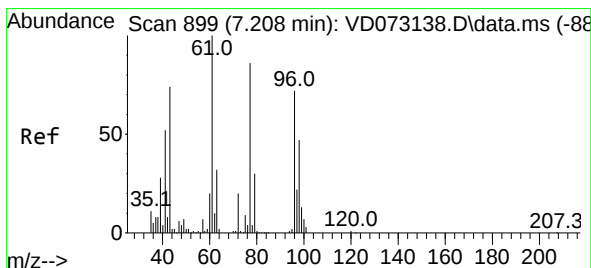
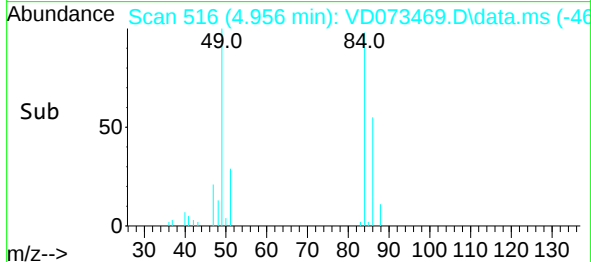
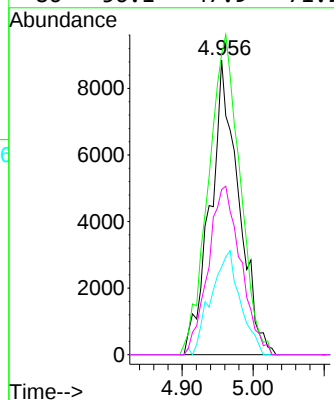
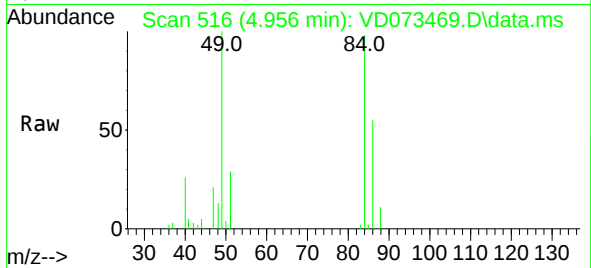




#20
Methylene Chloride
Concen: 3.807 ug/l
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

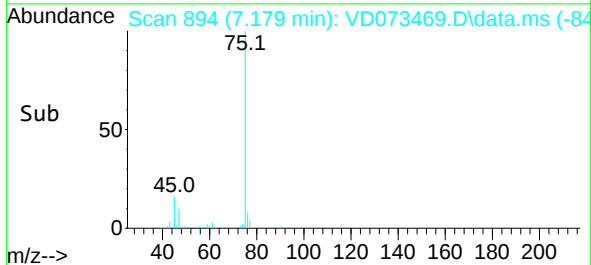
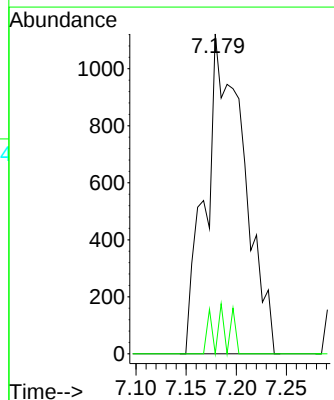
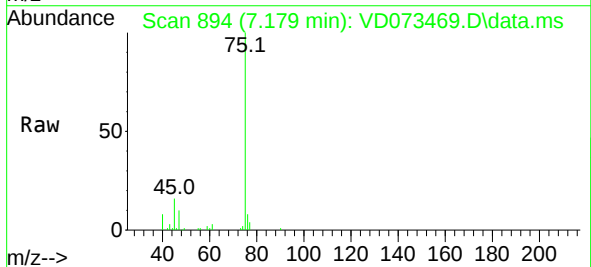
Instrument :
MSVOA_D
ClientSampleId :
PT-1-060122

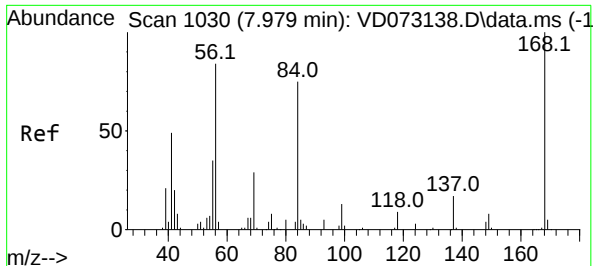
Tgt Ion: 84 Resp: 24581
Ion Ratio Lower Upper
84 100
49 102.1 112.8 169.2#
51 29.8 32.6 48.8#
86 56.1 47.9 71.9



#25
2-Butanone
Concen: 3.942 ug/l
RT: 7.179 min Scan# 894
Delta R.T. -0.029 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

Tgt Ion: 43 Resp: 2982
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#





#31

Cyclohexane

Concen: 1.282 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073469.D

Acq: 02 Jun 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

PT-1-060122

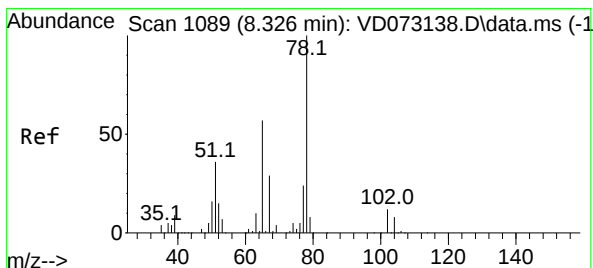
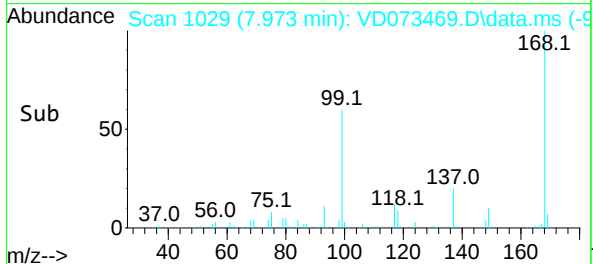
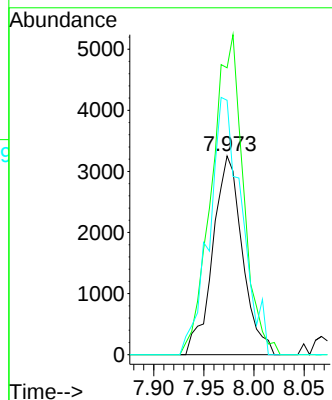
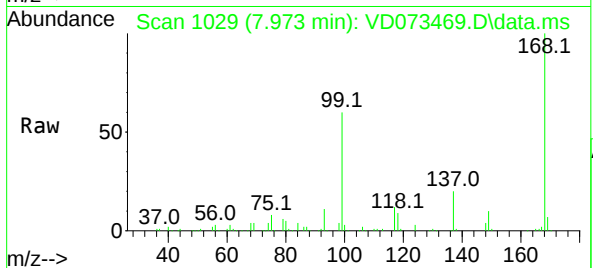
Tgt Ion: 56 Resp: 6689

Ion Ratio Lower Upper

56 100

69 144.4 25.4 38.2#

84 128.0 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 48.241 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073469.D

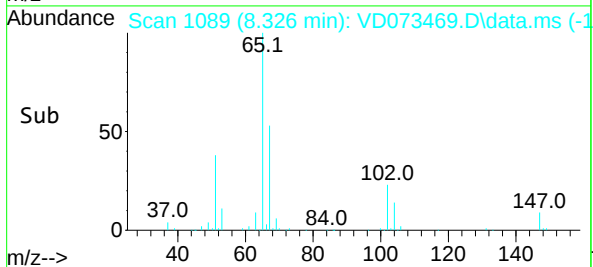
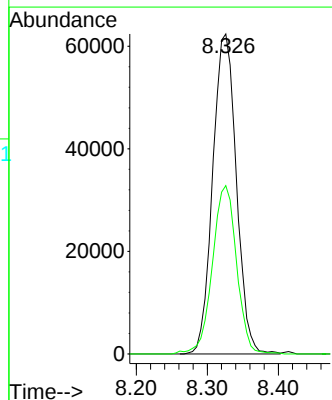
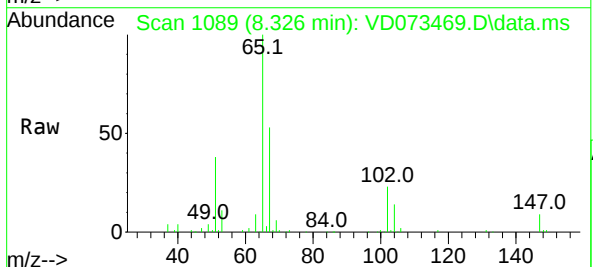
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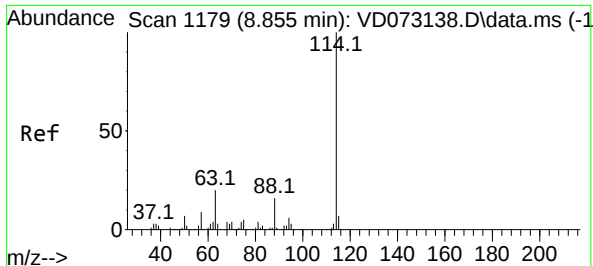
Tgt Ion: 65 Resp: 143997

Ion Ratio Lower Upper

65 100

67 53.8 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: VD073469.D

Acq: 02 Jun 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

PT-1-060122

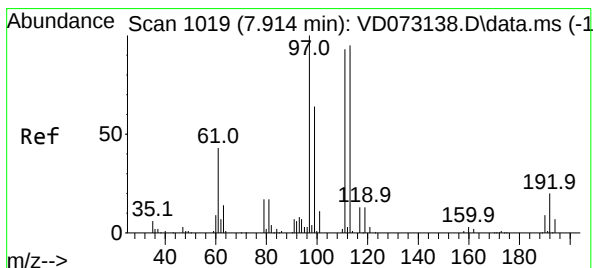
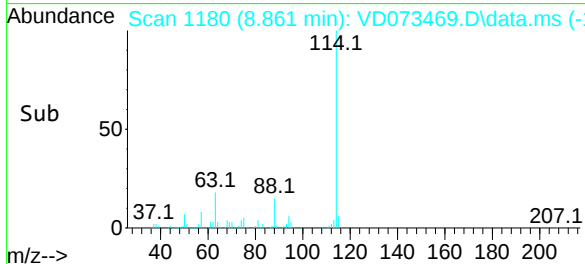
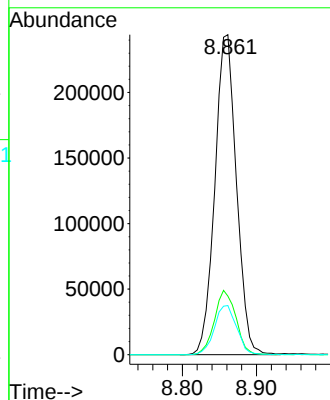
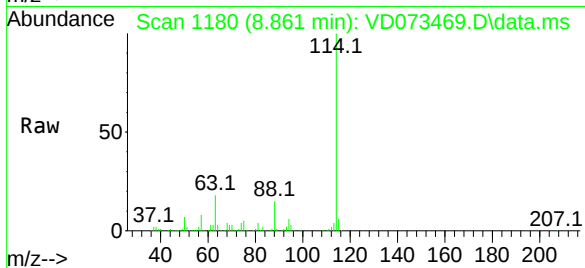
Tgt Ion:114 Resp: 493635

Ion Ratio Lower Upper

114 100

63 18.3 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.286 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073469.D

Acq: 02 Jun 2022 13:56

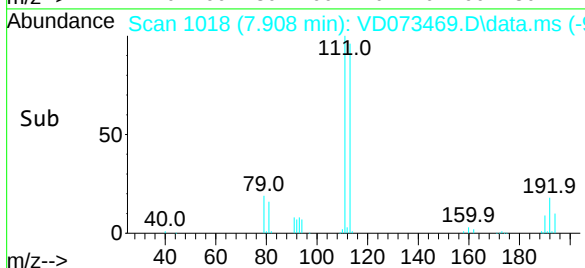
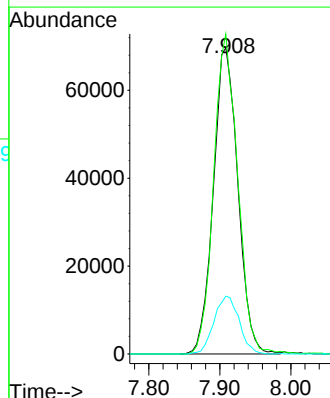
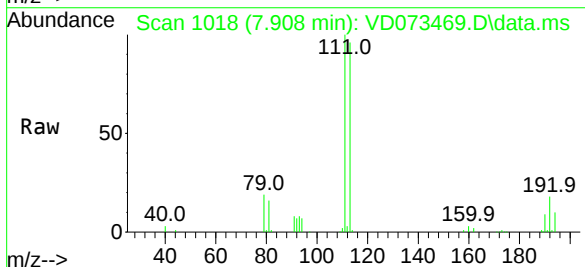
Tgt Ion:113 Resp: 167056

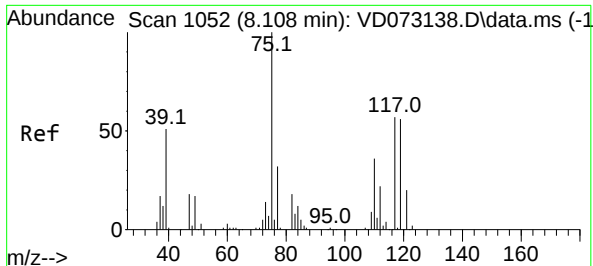
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 19.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.643 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073469.D

Acq: 02 Jun 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

PT-1-060122

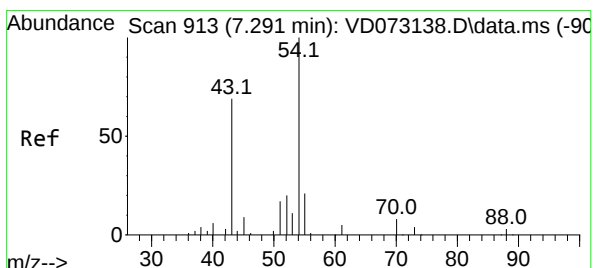
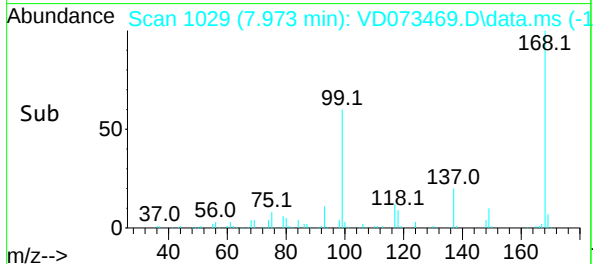
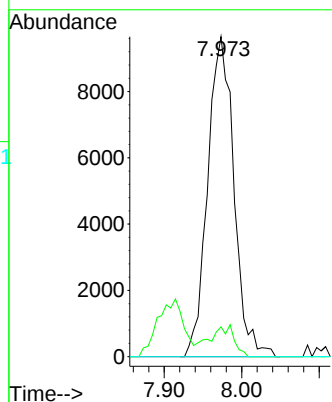
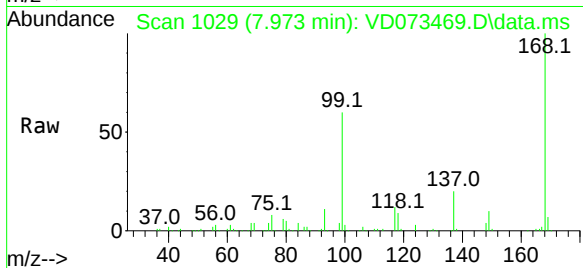
Tgt Ion: 75 Resp: 22747

Ion Ratio Lower Upper

75 100

110 8.7 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 1.541 ug/l

RT: 7.179 min Scan# 894

Delta R.T. -0.112 min

Lab File: VD073469.D

Acq: 02 Jun 2022 13:56

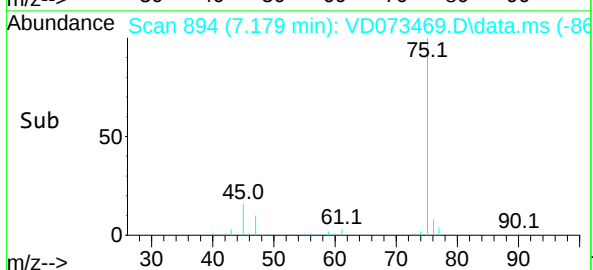
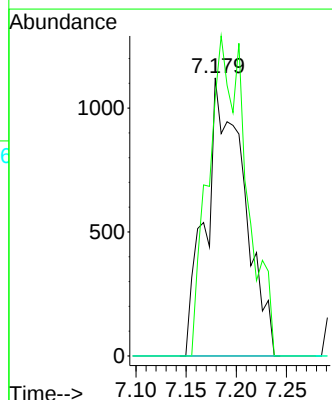
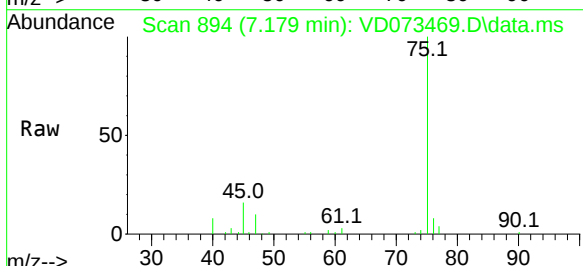
Tgt Ion: 43 Resp: 2982

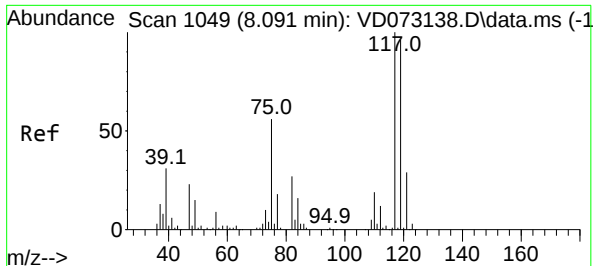
Ion Ratio Lower Upper

43 100

61 114.8 9.8 14.8#

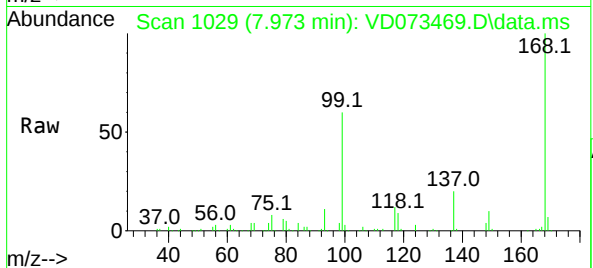
70 0.0 6.9 10.3#



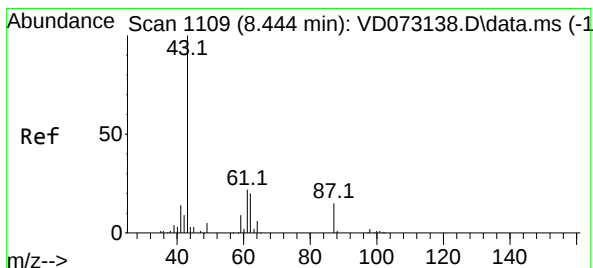
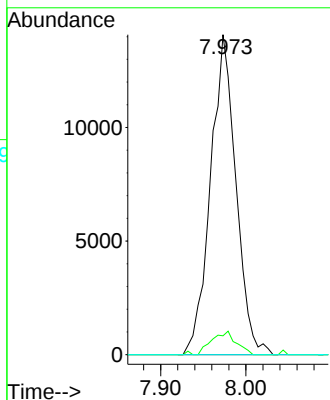
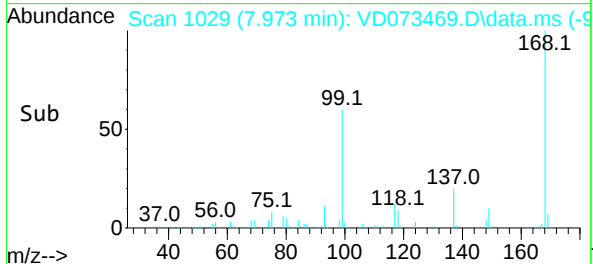


#38
Carbon Tetrachloride
Concen: 5.891 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

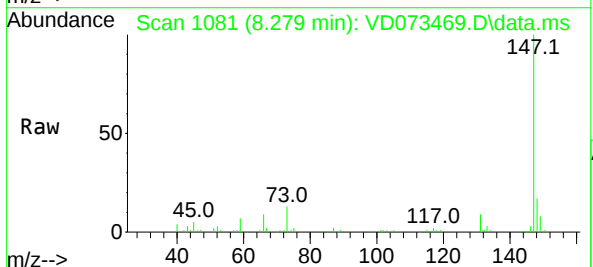
Instrument :
MSVOA_D
ClientSampleId :
PT-1-060122



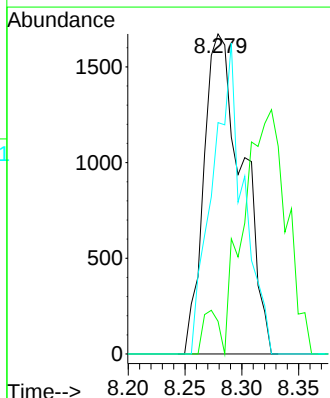
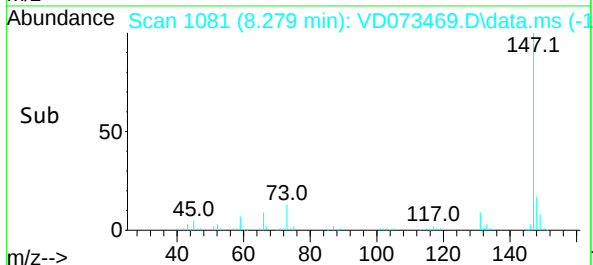
Tgt Ion: 117 Resp: 29256
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.5 36.7#

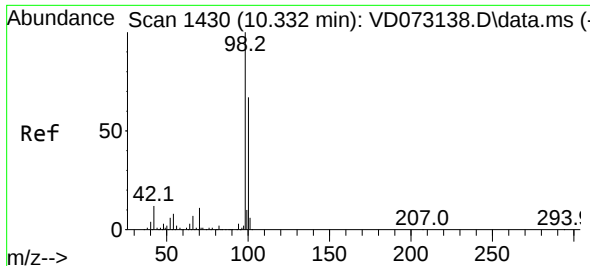


#43
Isopropyl Acetate
Concen: 1.109 ug/l
RT: 8.279 min Scan# 1081
Delta R.T. -0.165 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56



Tgt Ion: 43 Resp: 3966
Ion Ratio Lower Upper
43 100
61 5.4 22.4 33.6#
87 77.6 8.7 13.1#

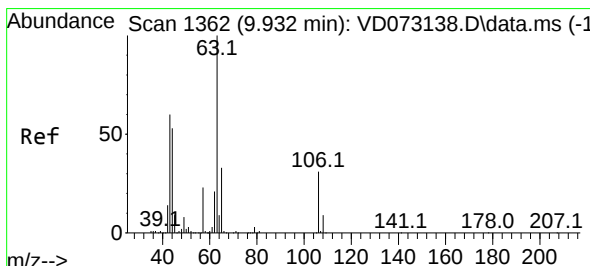
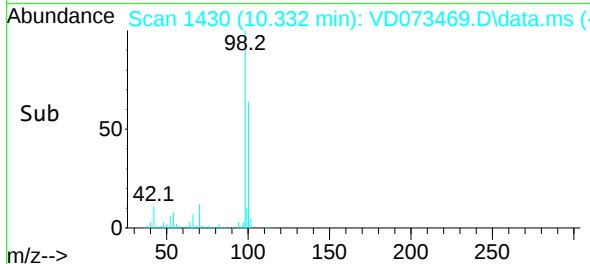
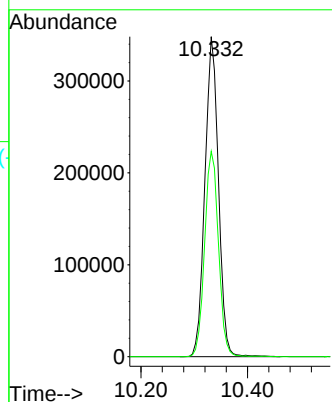
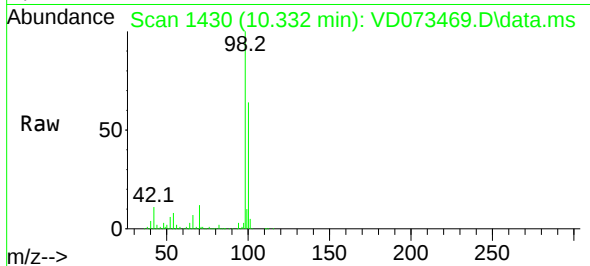




#50
Toluene-d8
Concen: 51.221 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

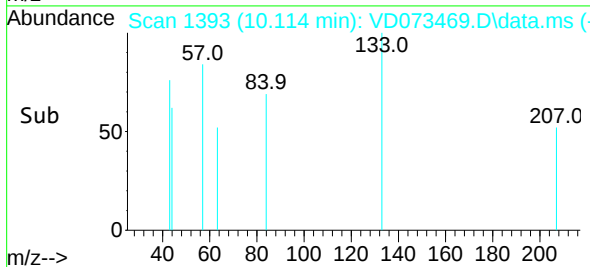
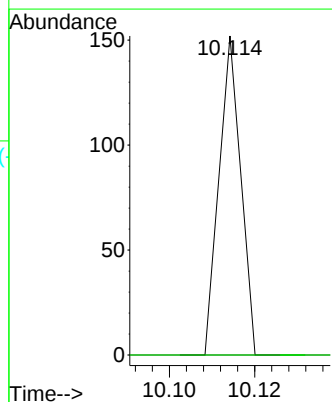
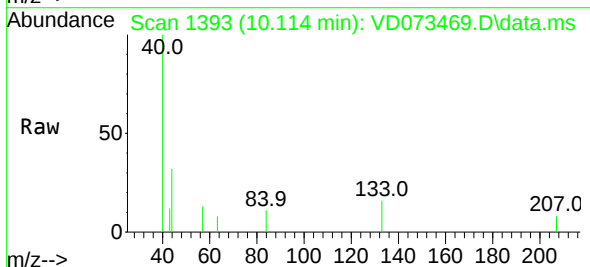
Instrument : MSVOA_D
ClientSampleId : PT-1-060122

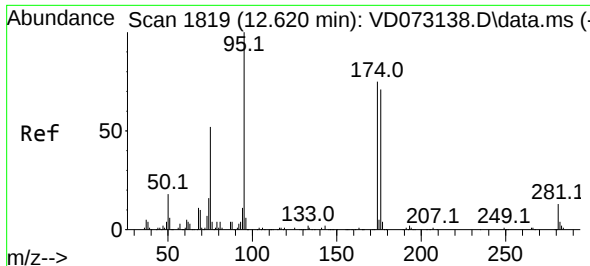
Tgt Ion: 98 Resp: 615028
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#58
2-Chloroethyl Vinyl ether
Concen: 21.656 ug/l
RT: 10.114 min Scan# 1393
Delta R.T. 0.182 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#

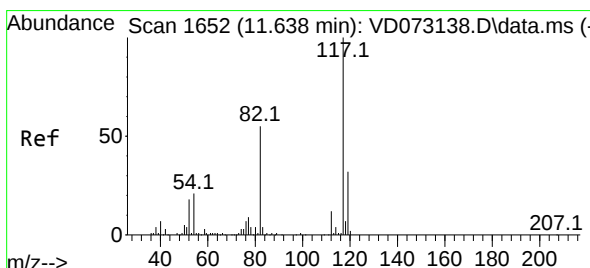
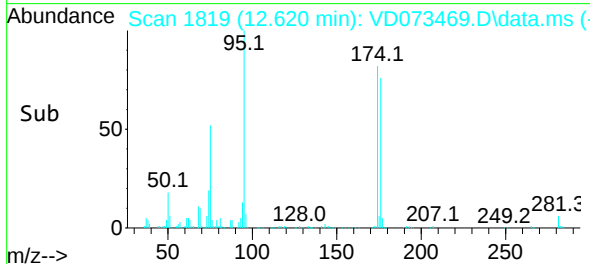
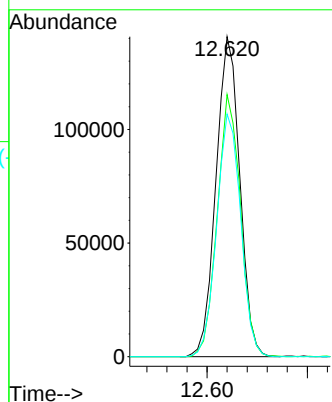
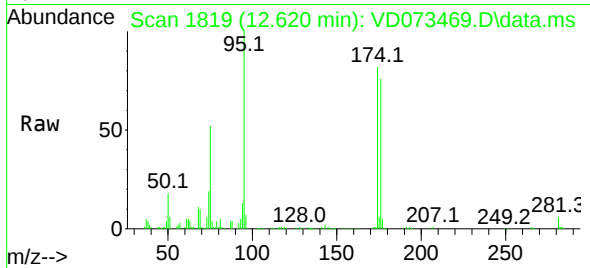




#62
4-Bromofluorobenzene
Concen: 55.092 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

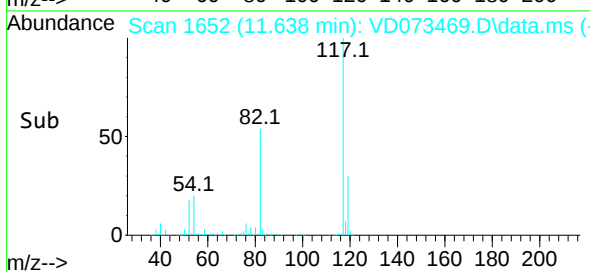
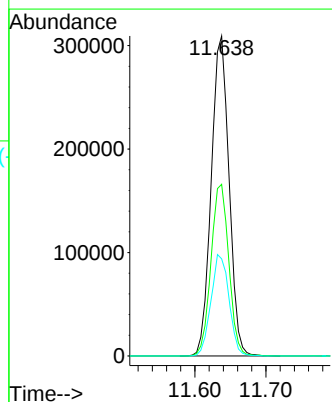
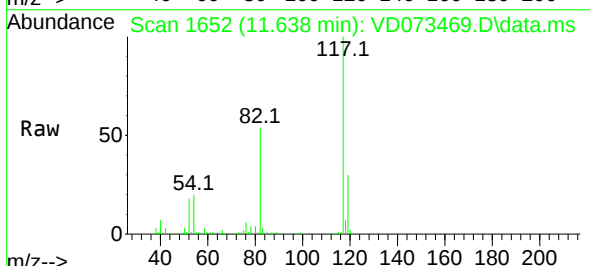
Instrument :
MSVOA_D
ClientSampleId :
PT-1-060122

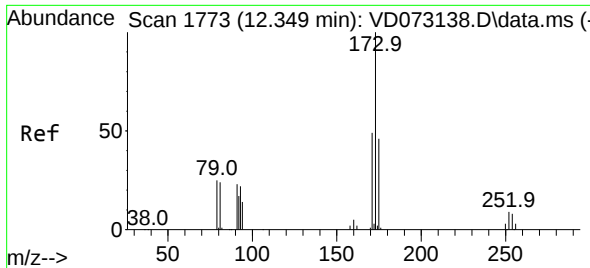
Tgt Ion: 95 Resp: 232151
Ion Ratio Lower Upper
95 100
174 79.9 0.0 152.8
176 76.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

Tgt Ion: 117 Resp: 537047
Ion Ratio Lower Upper
117 100
82 53.7 45.3 67.9
119 30.4 26.6 40.0

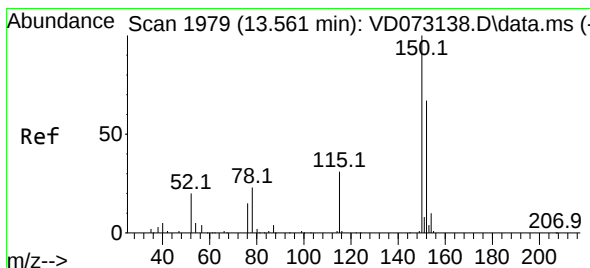
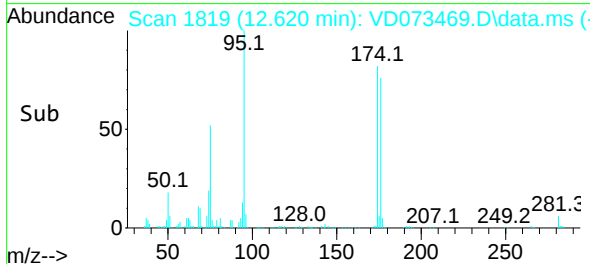
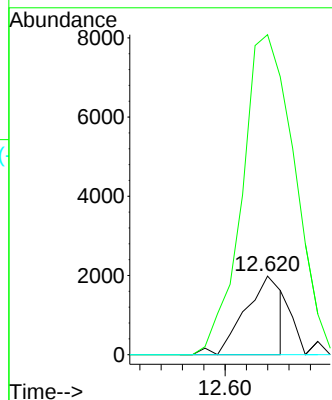
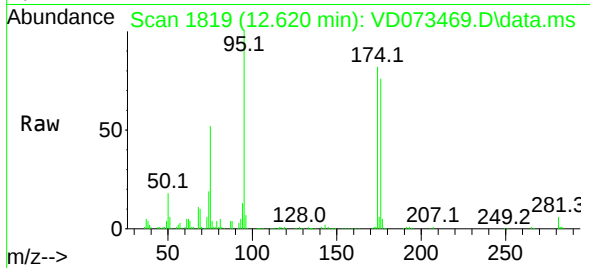




#71
Bromoform
Concen: 1.133 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

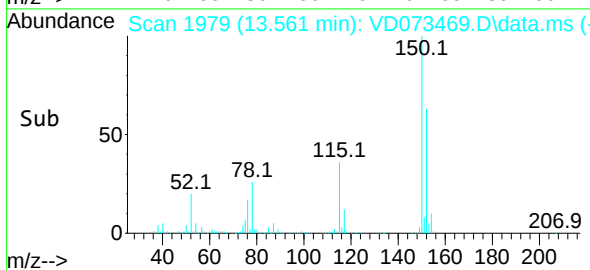
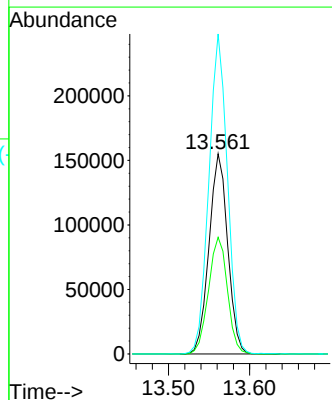
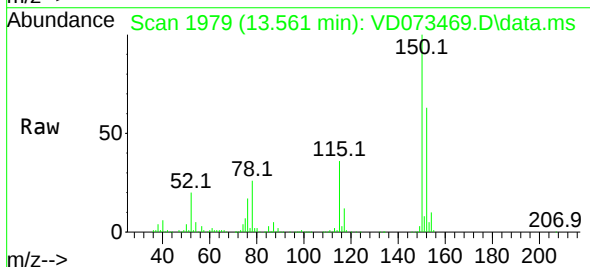
Instrument :
MSVOA_D
ClientSampleId :
PT-1-060122

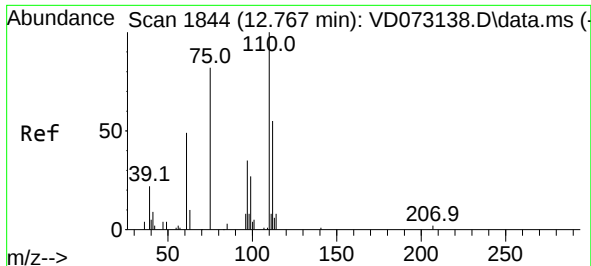
Tgt Ion:173 Resp: 2383
Ion Ratio Lower Upper
173 100
175 443.6 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

Tgt Ion:152 Resp: 247539
Ion Ratio Lower Upper
152 100
115 59.0 31.3 93.8
150 158.5 0.0 348.6

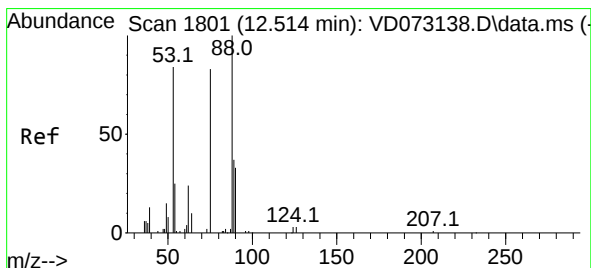
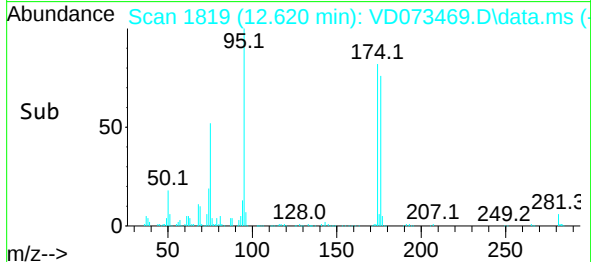
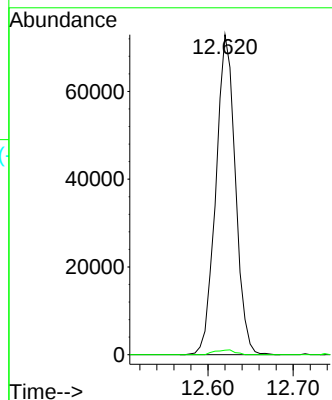
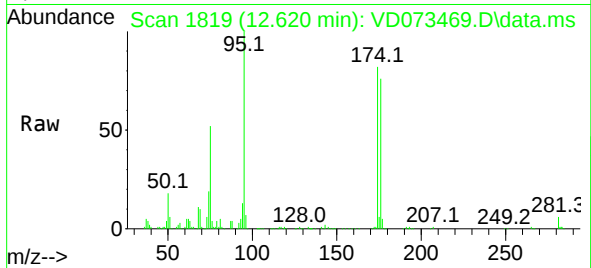




#76
1,2,3-Trichloropropane
Concen: 47.901 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

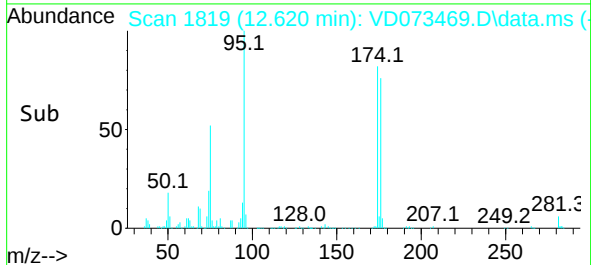
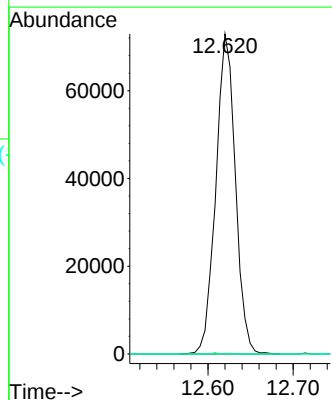
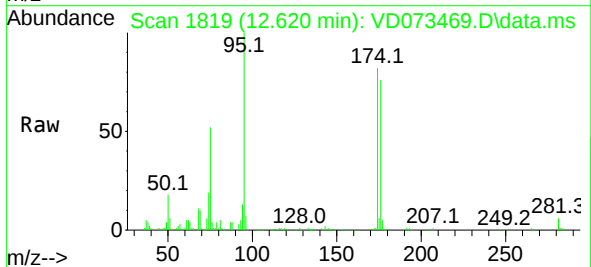
Instrument :
MSVOA_D
ClientSampleId :
PT-1-060122

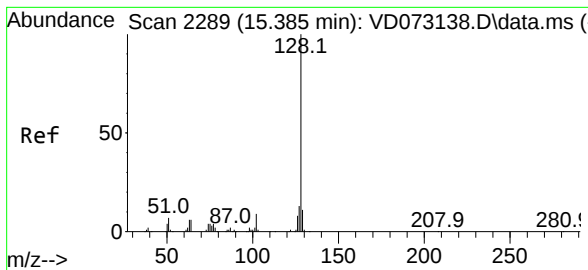
Tgt Ion: 75 Resp: 116342
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.996 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

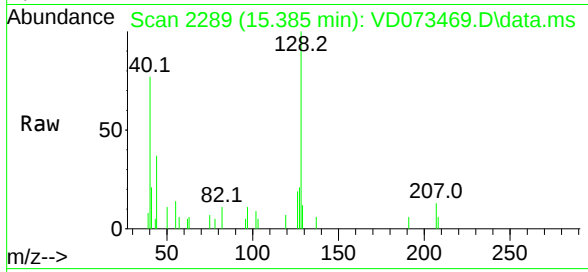
Tgt Ion: 75 Resp: 116342
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 4.278 ug/l
RT: 15.385 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

Instrument :
MSVOA_D
ClientSampleId :
PT-1-060122



Tgt Ion:	128	Resp:	6424
Ion	Ratio	Lower	Upper
128	100		
127	8.5	10.3	15.5#
129	13.7	8.4	12.6#

