

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073300.D
 Acq On : 24 May 2022 00:30
 Operator : VA/SY
 Sample : N2885-20
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P014-SS002-1824-01

Quant Time: May 24 03:31:18 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)

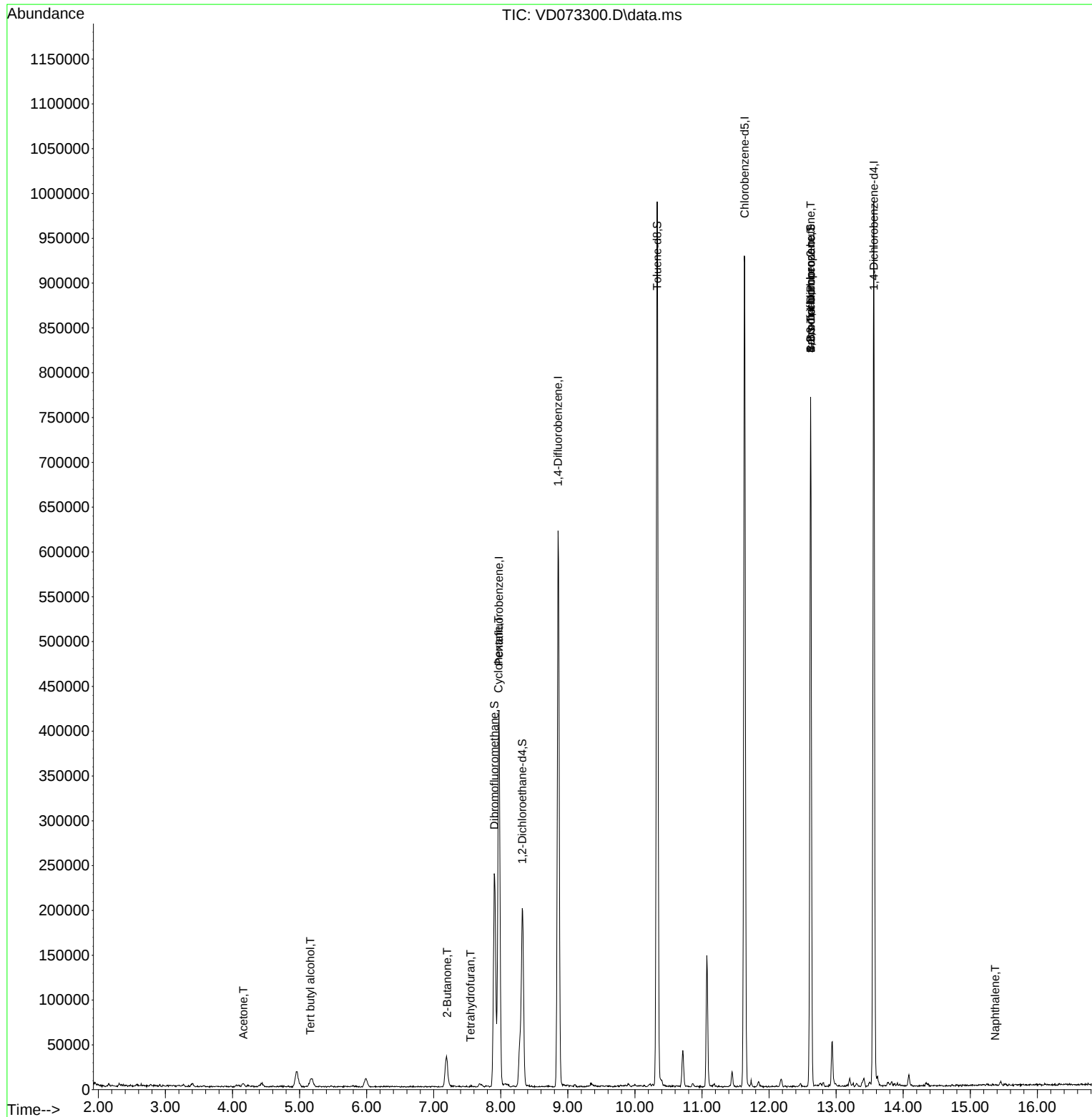
Internal Standards						
1) Pentafluorobenzene	7.973	168	299485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	527082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	549081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	156411	47.258	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.520%			
35) Dibromofluoromethane	7.903	113	175115	50.349	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.700%			
50) Toluene-d8	10.332	98	657038	51.247	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.500%			
62) 4-Bromofluorobenzene	12.620	95	237543	52.795	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.580%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.768	94	1187	Below Cal	#	52
11) Tert butyl alcohol	5.162	59	4826	9.398	ug/l #	74
16) Acetone	4.162	43	6418	11.195	ug/l	99
20) Methylene Chloride	4.967	84	13174	Below Cal		88
25) 2-Butanone	7.203	43	2073	2.472	ug/l #	86
29) Tetrahydrofuran	7.550	42	591	1.090	ug/l #	56
31) Cyclohexane	7.967	56	8106	1.401	ug/l #	4
71) Bromoform	12.620	173	2341	1.089	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	123916	50.754	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	123916	121.845	ug/l #	7
95) Naphthalene	15.373	128	460	3.594	ug/l #	70

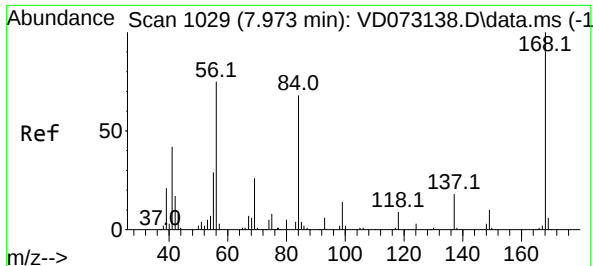
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
Data File : VD073300.D
Acq On : 24 May 2022 00:30
Operator : VA/SY
Sample : N2885-20
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-1824-01

Quant Time: May 24 03:31:18 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

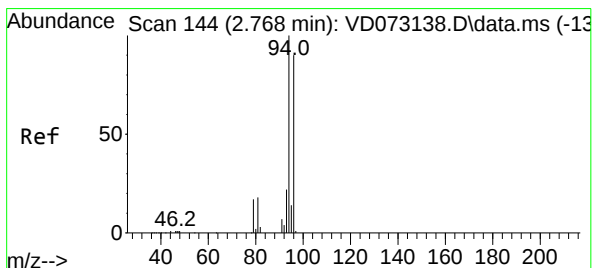
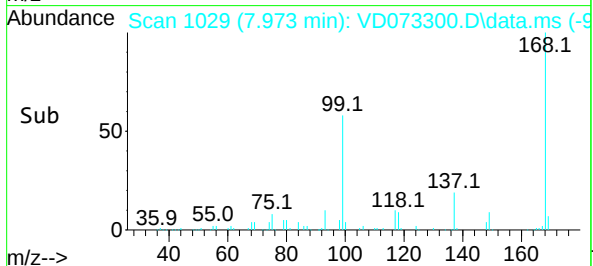
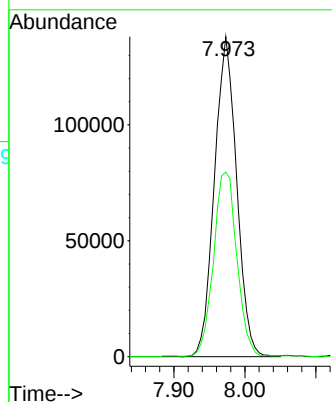
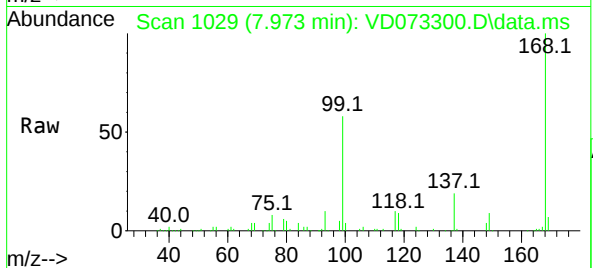




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073300.D
Acq: 24 May 2022 00:30

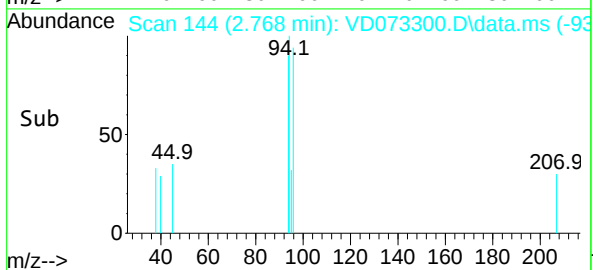
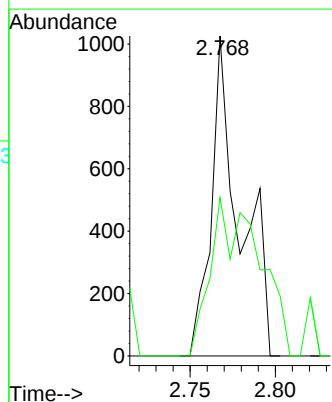
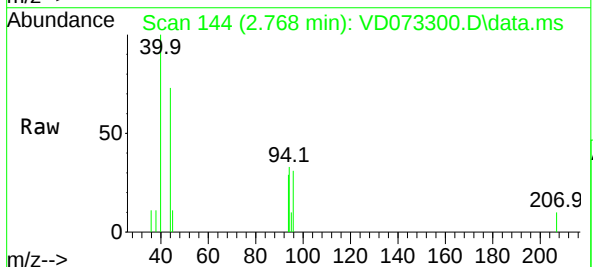
Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-1824-01

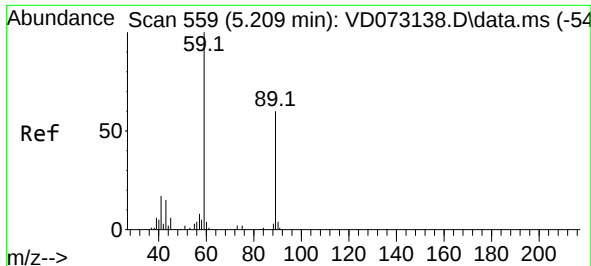
Tgt Ion:168 Resp: 299485
Ion Ratio Lower Upper
168 100
99 57.6 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD073300.D
Acq: 24 May 2022 00:30

Tgt Ion: 94 Resp: 1187
Ion Ratio Lower Upper
94 100
96 49.5 77.6 116.4#





#11

Tert butyl alcohol

Concen: 9.398 ug/l

RT: 5.162 min Scan# 51

Delta R.T. -0.047 min

Lab File: VD073300.D

Acq: 24 May 2022 00:30

Instrument :

MSVOA_D

ClientSampleId :

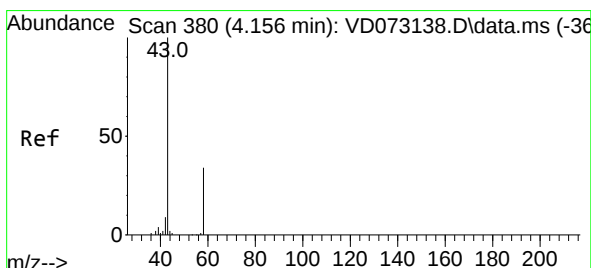
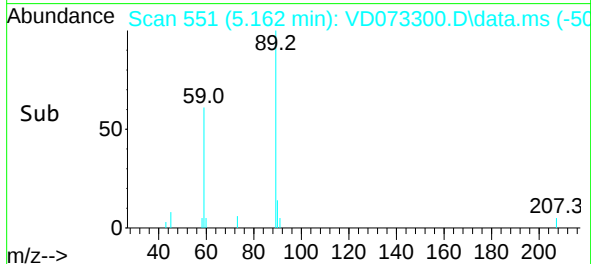
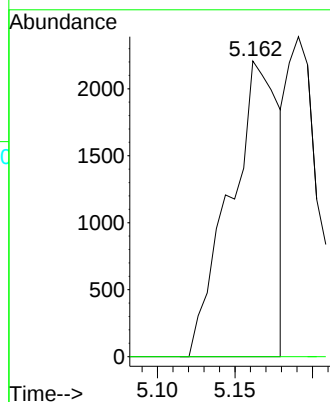
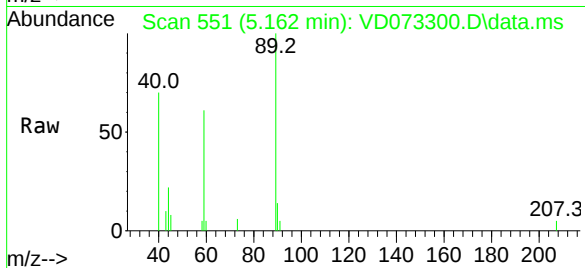
P014-SS002-1824-01

Tgt Ion: 59 Resp: 4826

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 11.195 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.006 min

Lab File: VD073300.D

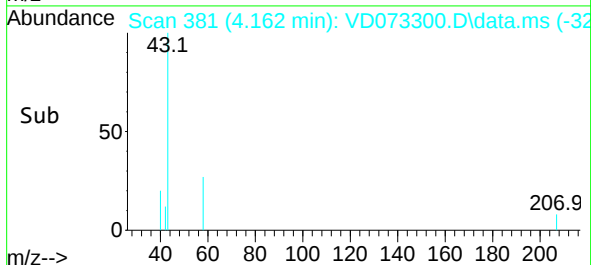
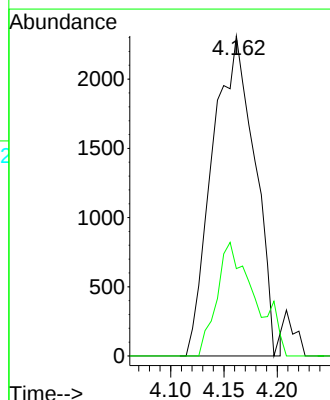
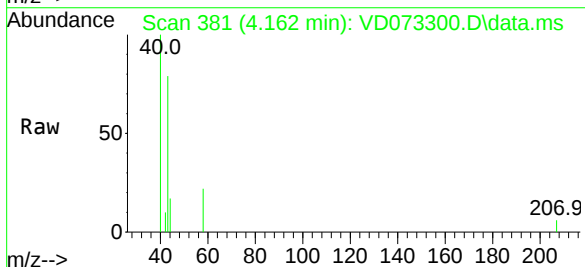
Acq: 24 May 2022 00:30

Tgt Ion: 43 Resp: 6418

Ion Ratio Lower Upper

43 100

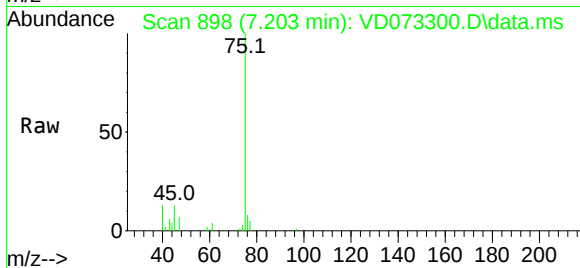
58 27.3 22.1 33.1



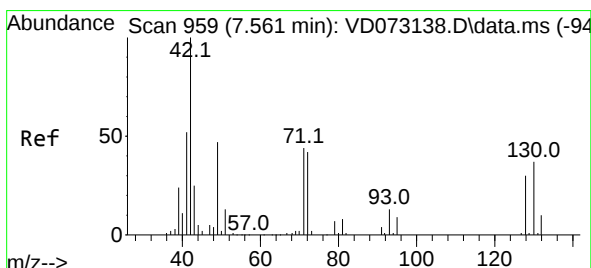
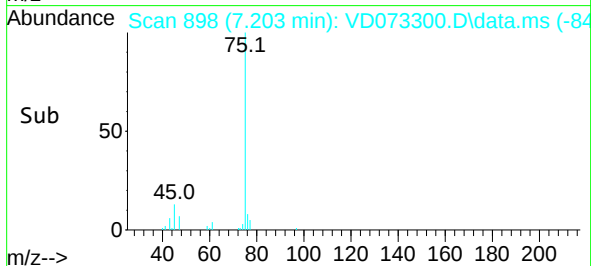
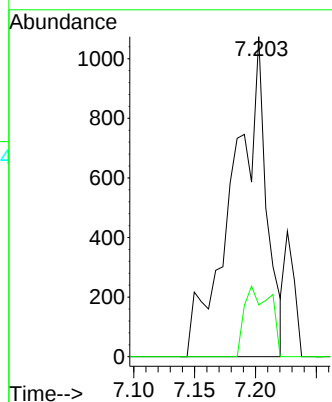


#25
2-Butanone
Concen: 2.472 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073300.D
Acq: 24 May 2022 00:30

Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-1824-01

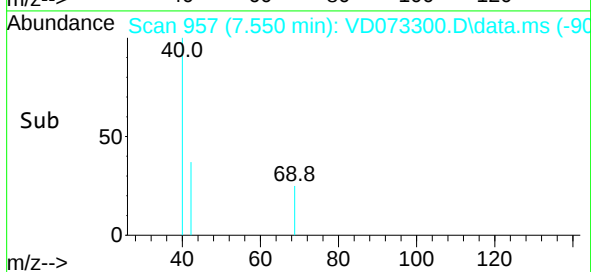
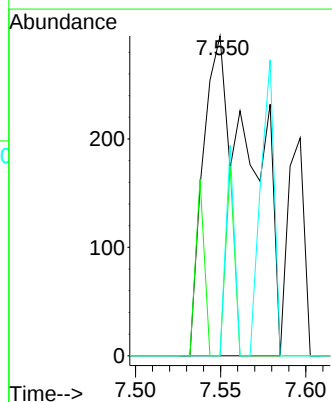
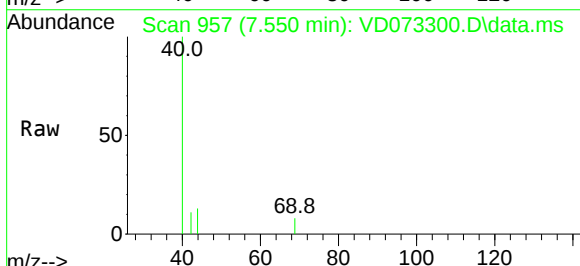


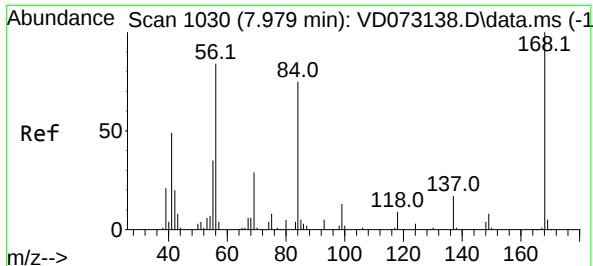
Tgt Ion: 43 Resp: 2073
Ion Ratio Lower Upper
43 100
72 16.2 18.6 27.8#



#29
Tetrahydrofuran
Concen: 1.090 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.011 min
Lab File: VD073300.D
Acq: 24 May 2022 00:30

Tgt Ion: 42 Resp: 591
Ion Ratio Lower Upper
42 100
72 10.5 30.7 46.1#
71 11.5 28.6 43.0#





#31

Cyclohexane

Concen: 1.401 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073300.D

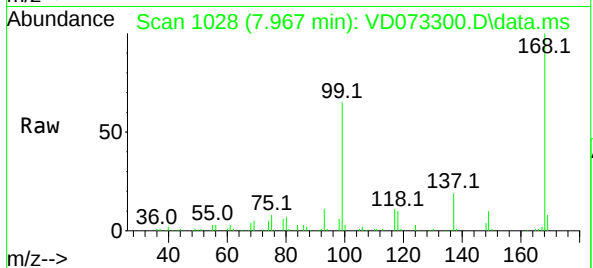
Acq: 24 May 2022 00:30

Instrument :

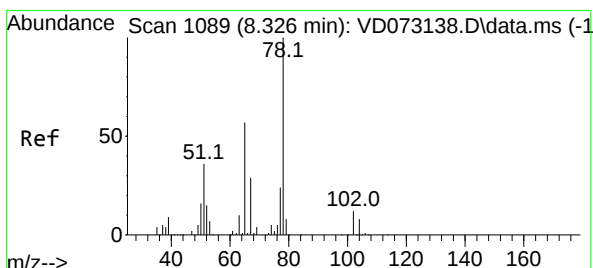
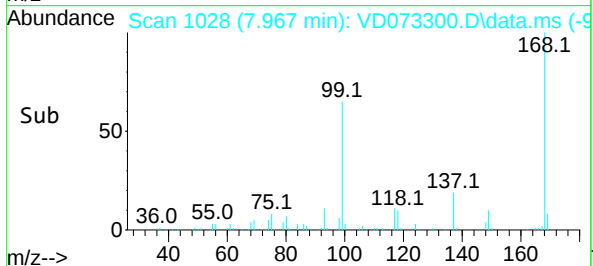
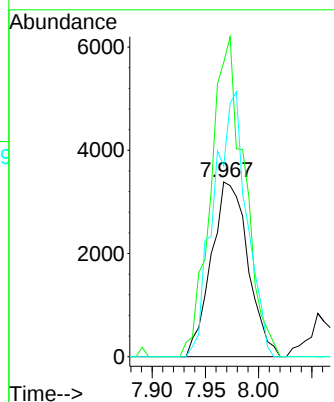
MSVOA_D

ClientSampleId :

P014-SS002-1824-01



Tgt Ion:	56	Resp:	8106
Ion Ratio	100	Lower	Upper
69	168.4	25.4	38.2#
84	109.2	63.0	94.4#



#33

1,2-Dichloroethane-d4

Concen: 47.258 ug/l

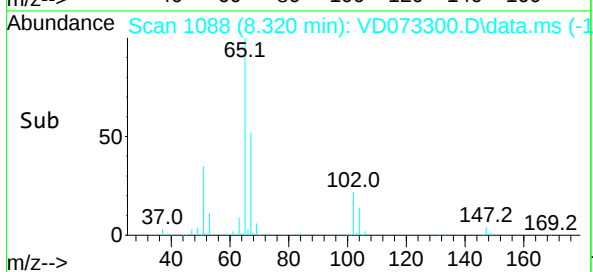
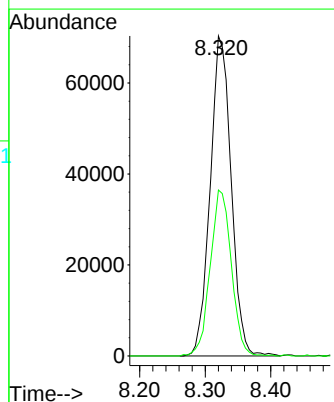
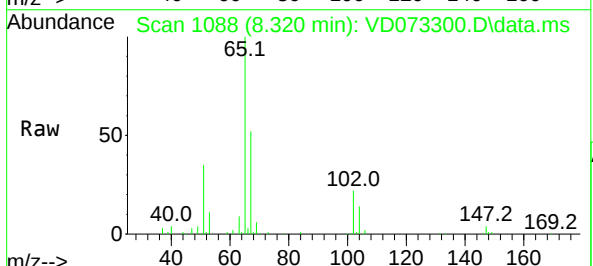
RT: 8.320 min Scan# 1088

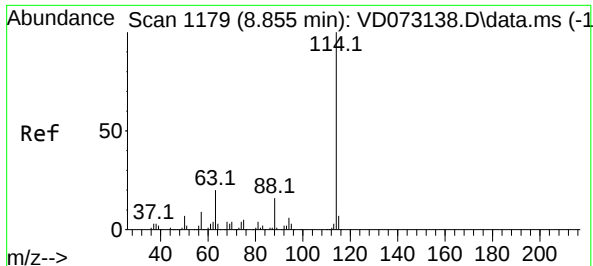
Delta R.T. -0.006 min

Lab File: VD073300.D

Acq: 24 May 2022 00:30

Tgt Ion:	65	Resp:	156411
Ion Ratio	100	Lower	Upper
67	52.2	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: VD073300.D

Acq: 24 May 2022 00:30

Instrument :

MSVOA_D

ClientSampleId :

P014-SS002-1824-01

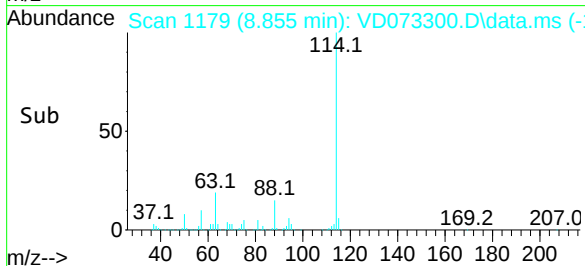
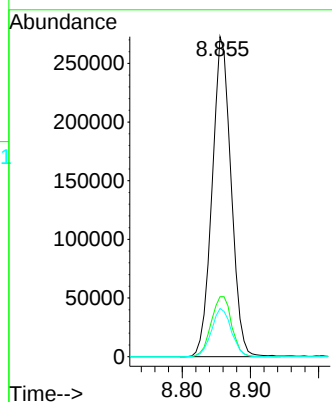
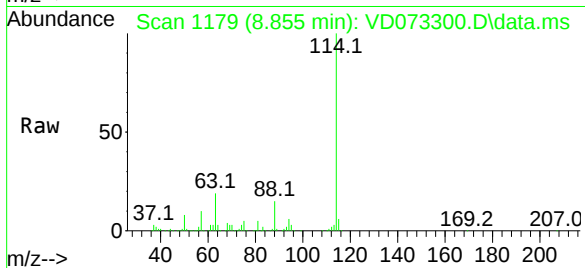
Tgt Ion:114 Resp: 527082

Ion Ratio Lower Upper

114 100

63 18.8 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.349 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.011 min

Lab File: VD073300.D

Acq: 24 May 2022 00:30

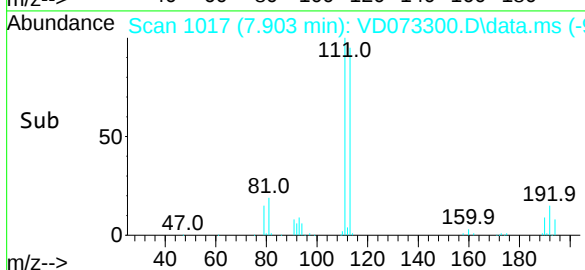
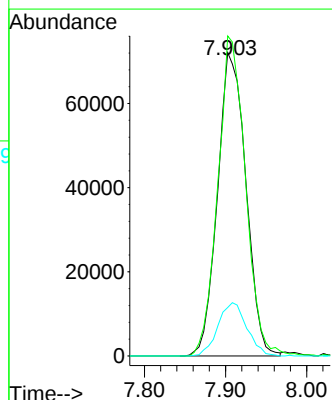
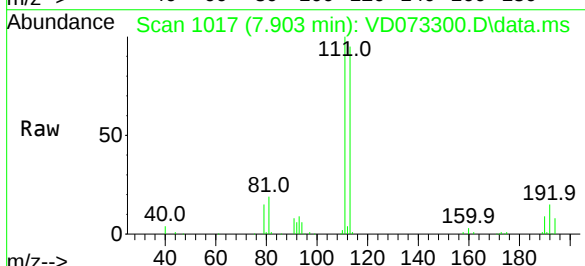
Tgt Ion:113 Resp: 175115

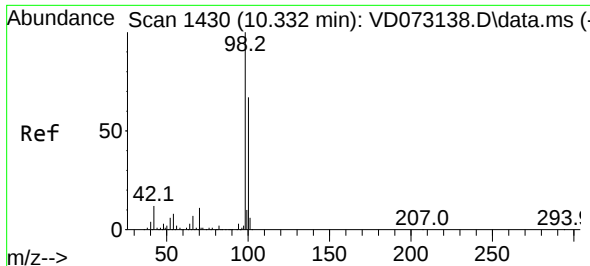
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 17.9 14.6 21.8

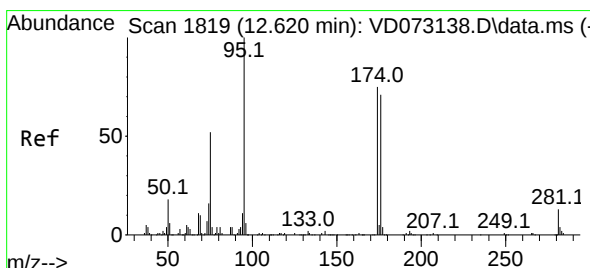
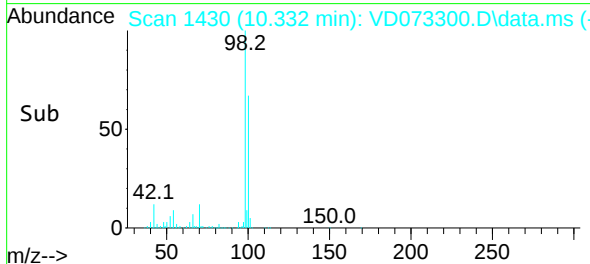
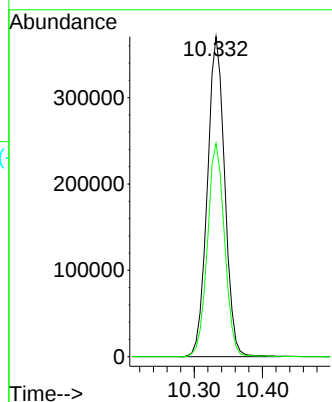
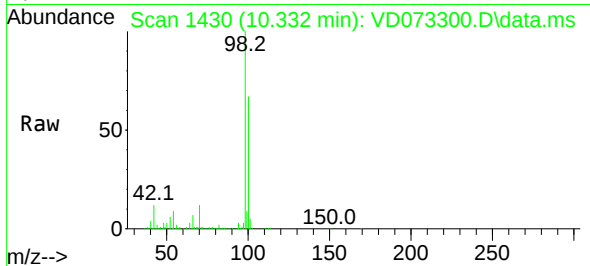




#50
Toluene-d8
Concen: 51.247 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073300.D
Acq: 24 May 2022 00:30

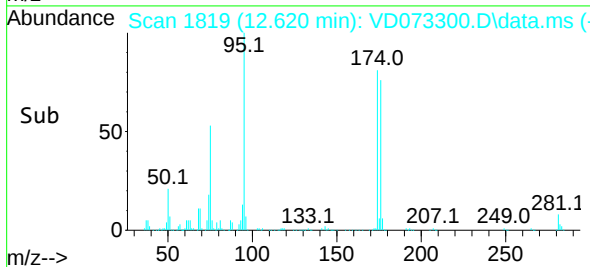
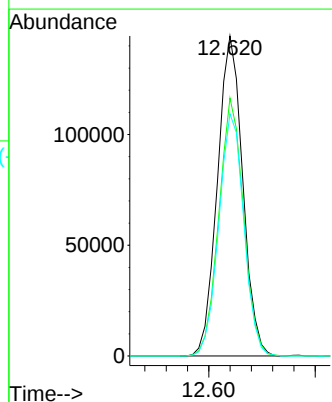
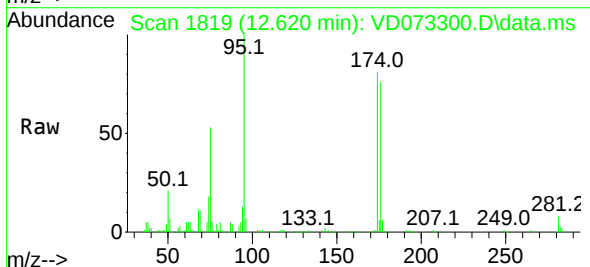
Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-1824-01

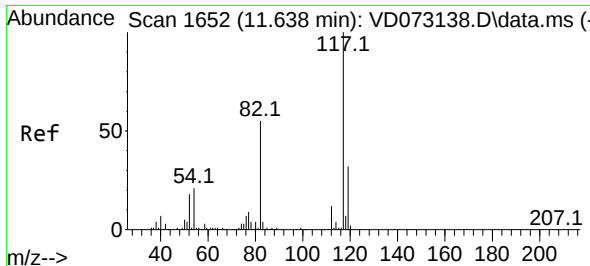
Tgt Ion: 98 Resp: 657038
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.795 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073300.D
Acq: 24 May 2022 00:30

Tgt Ion: 95 Resp: 237543
Ion Ratio Lower Upper
95 100
174 78.8 0.0 152.8
176 74.9 0.0 145.4

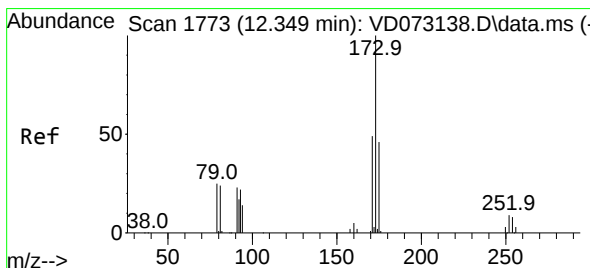
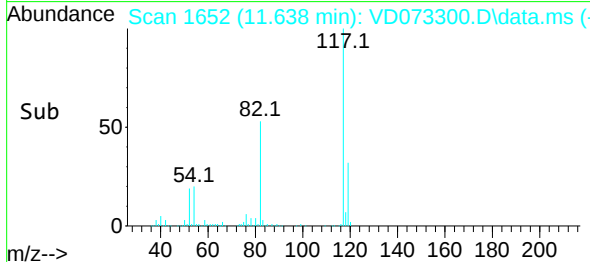
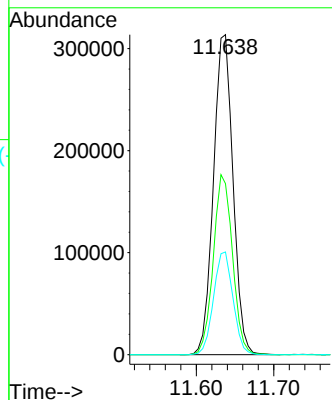
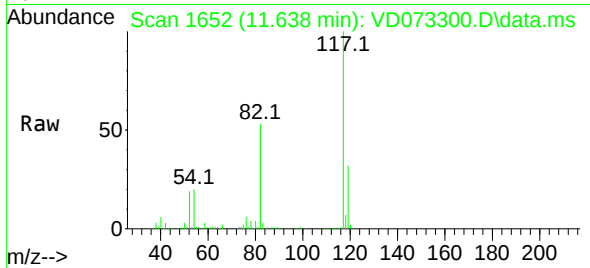




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073300.D
Acq: 24 May 2022 00:30

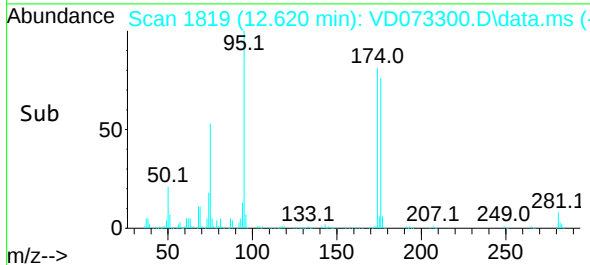
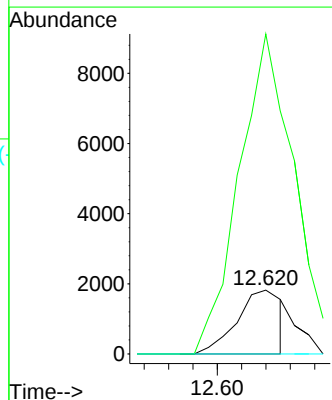
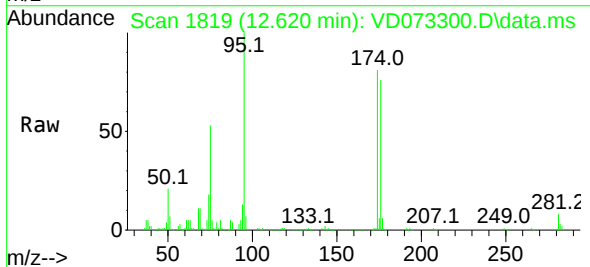
Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-1824-01

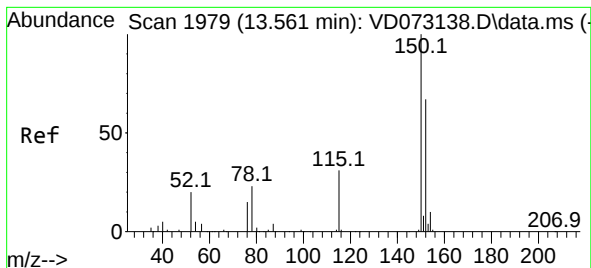
Tgt Ion:117 Resp: 549081
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 32.1 26.6 40.0



#71
Bromoform
Concen: 1.089 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073300.D
Acq: 24 May 2022 00:30

Tgt Ion:173 Resp: 2341
Ion Ratio Lower Upper
173 100
175 467.0 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: VD073300.D

Acq: 24 May 2022 00:30

Instrument :

MSVOA_D

ClientSampleId :

P014-SS002-1824-01

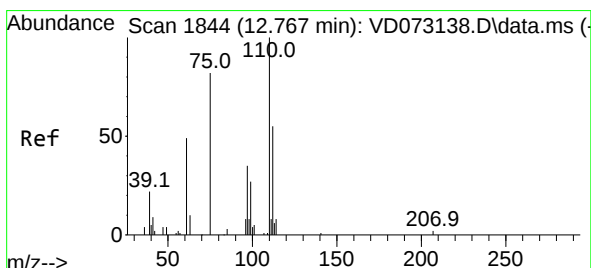
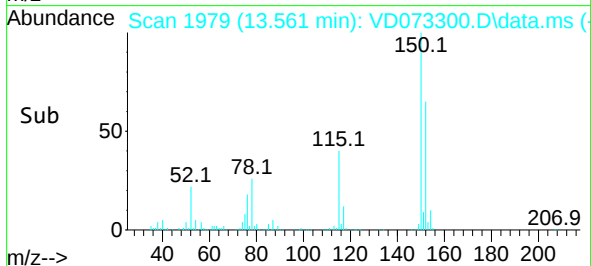
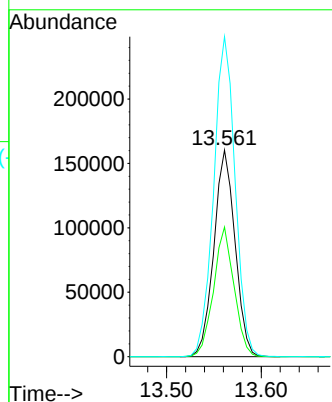
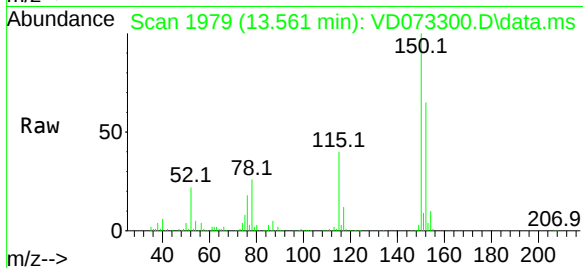
Tgt Ion:152 Resp: 248834

Ion Ratio Lower Upper

152 100

115 60.7 31.3 93.8

150 157.5 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 50.754 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073300.D

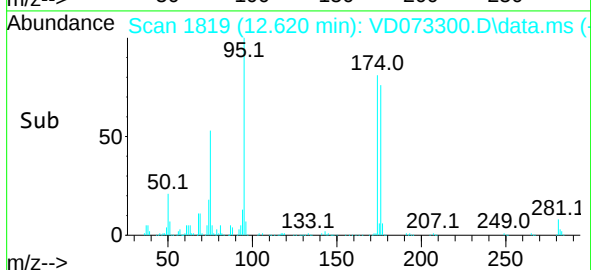
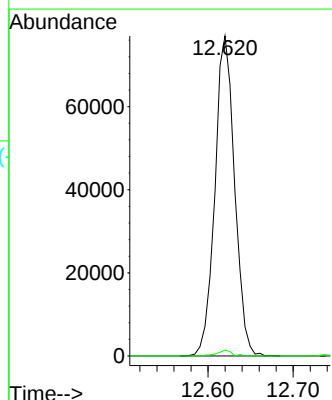
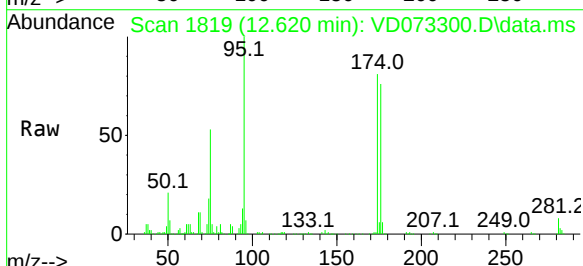
Acq: 24 May 2022 00:30

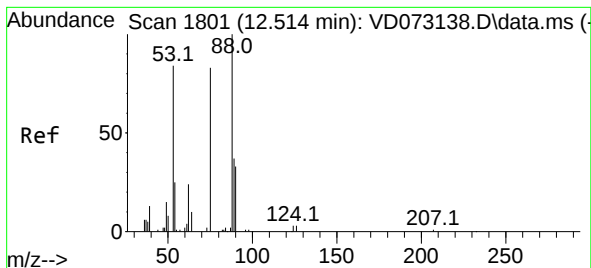
Tgt Ion: 75 Resp: 123916

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

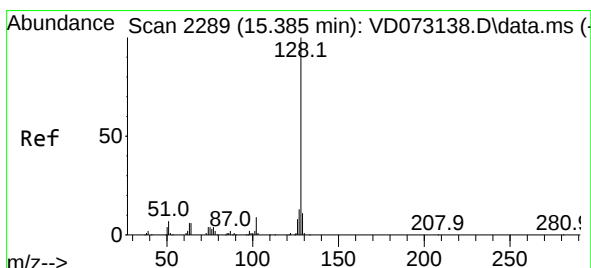
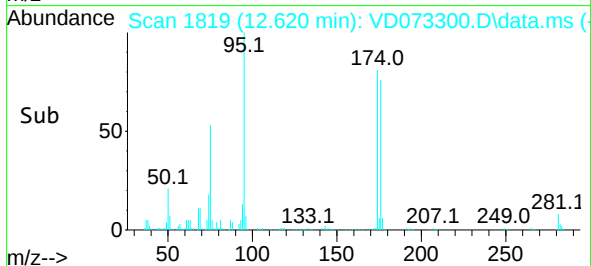
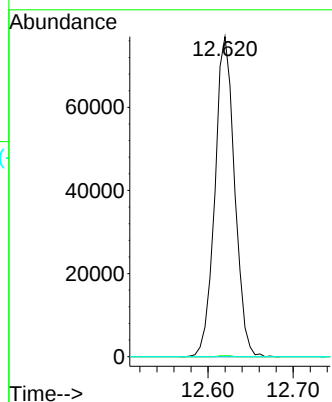
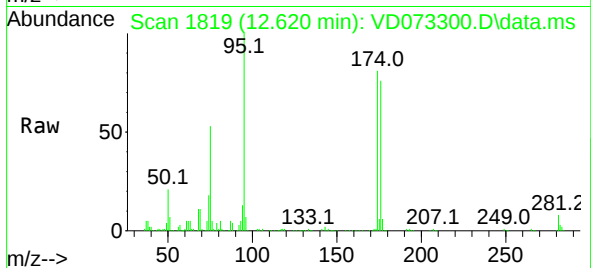




#81
trans-1,4-Dichloro-2-butene
Concen: 121.845 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073300.D
Acq: 24 May 2022 00:30

Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-1824-01

Tgt Ion: 75 Resp: 123916
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.594 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD073300.D
Acq: 24 May 2022 00:30

Tgt Ion: 128 Resp: 460
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

