

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073345.D
 Acq On : 25 May 2022 02:20
 Operator : VA/SY
 Sample : N2886-01
 Misc : 6.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P014-SS002-2430-01

Quant Time: May 25 05:33:18 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)

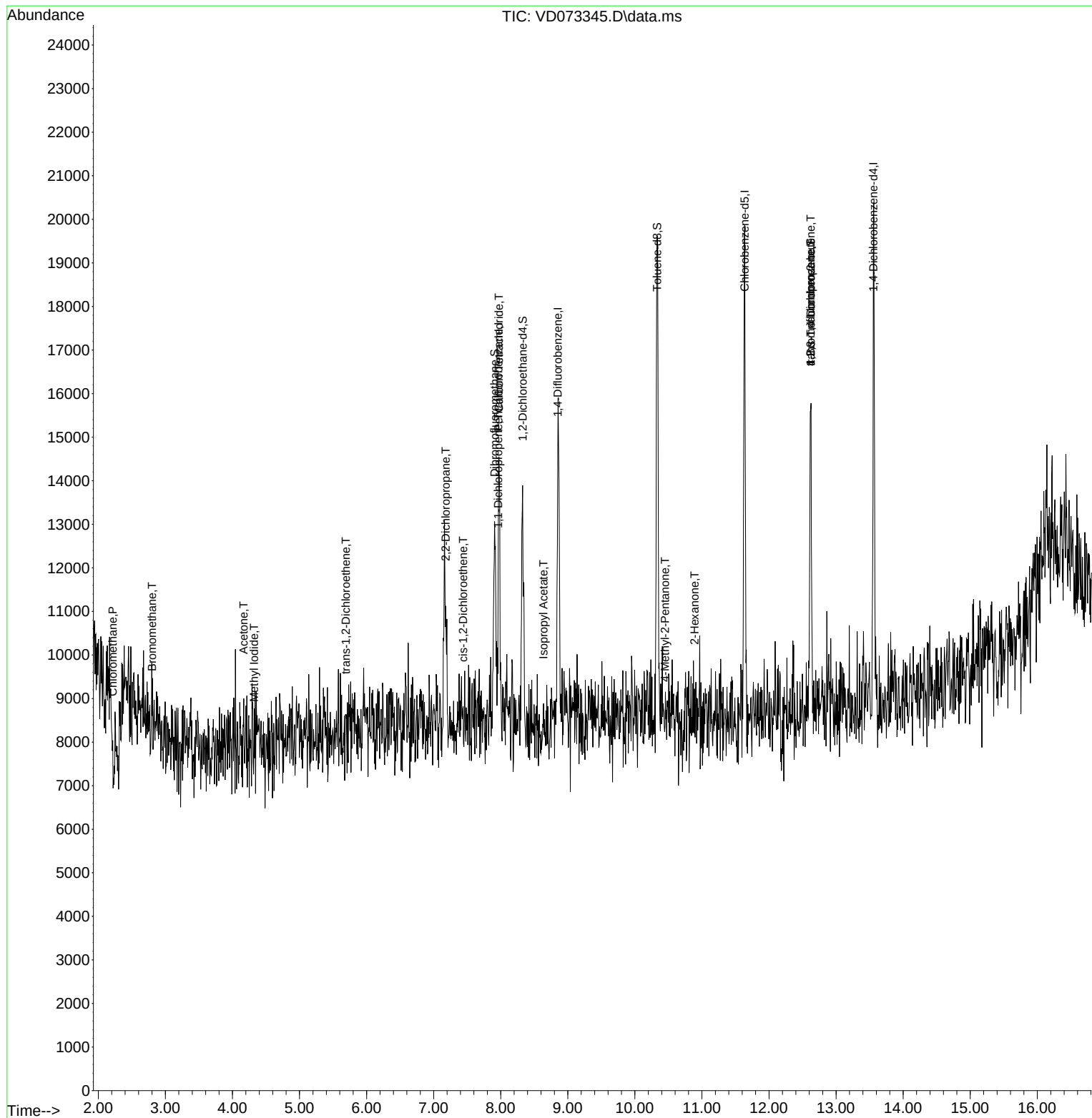
Internal Standards						
1) Pentafluorobenzene	7.967	168	4664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.850	114	7221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	7556	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	3082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3680	71.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.800%	
35) Dibromofluoromethane	7.908	113	3360	70.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.040%	
50) Toluene-d8	10.332	98	8595	48.934	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.860%	
62) 4-Bromofluorobenzene	12.620	95	3282	53.243	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.480%	
Target Compounds						Qvalue
3) Chloromethane	2.215	50	178	3.378	ug/l #	40
5) Bromomethane	2.803	94	215	3.181	ug/l #	80
10) Methyl Iodide	4.320	142	127	2.315	ug/l #	38
16) Acetone	4.168	43	113	12.657	ug/l #	47
21) trans-1,2-Dichloroethene	5.691	96	122	2.153	ug/l #	1
26) 2,2-Dichloropropane	7.179	77	131	1.509	ug/l #	54
27) cis-1,2-Dichloroethene	7.438	96	80	1.276	ug/l #	1
36) 1,1-Dichloropropene	7.961	75	199	2.777	ug/l #	43
38) Carbon Tetrachloride	7.973	117	399	5.493	ug/l #	13
43) Isopropyl Acetate	8.638	43	59	1.128	ug/l #	54
51) 4-Methyl-2-Pentanone	10.450	43	64	2.355	ug/l #	39
59) 2-Hexanone	10.891	43	55	3.070	ug/l #	27
76) 1,2,3-Trichloropropane	12.620	75	1382	45.701	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	1382	109.715	ug/l #	7

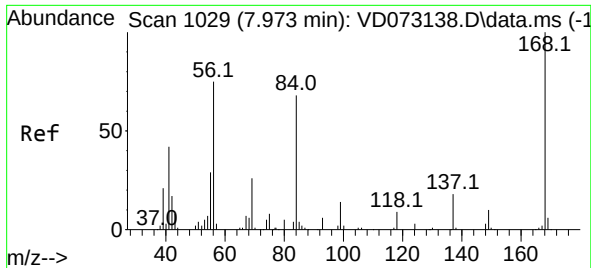
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
Data File : VD073345.D
Acq On : 25 May 2022 02:20
Operator : VA/SY
Sample : N2886-01
Misc : 6.64G/5.00ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-2430-01

Quant Time: May 25 05:33:18 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

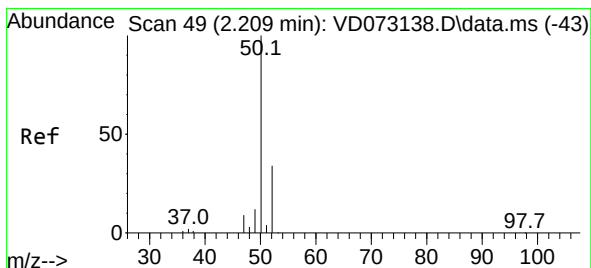
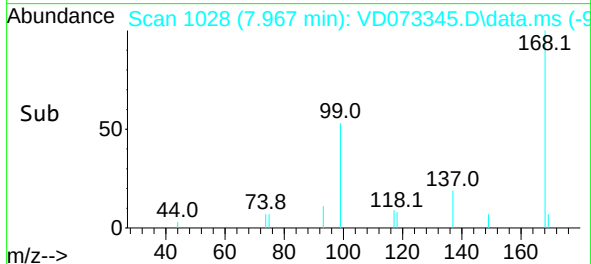
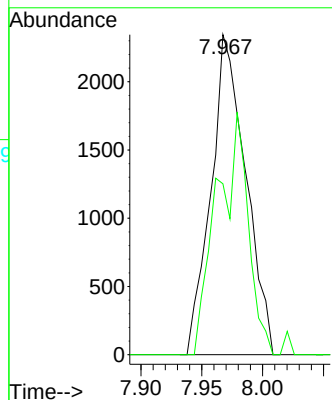
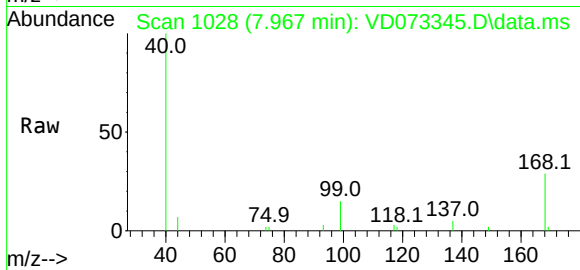




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073345.D
Acq: 25 May 2022 02:20

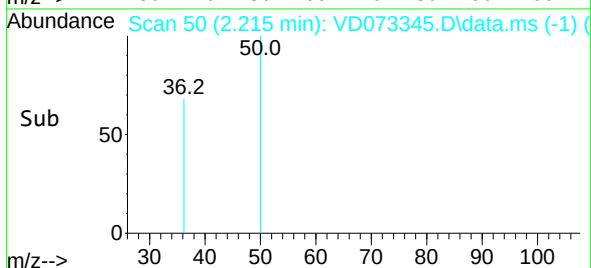
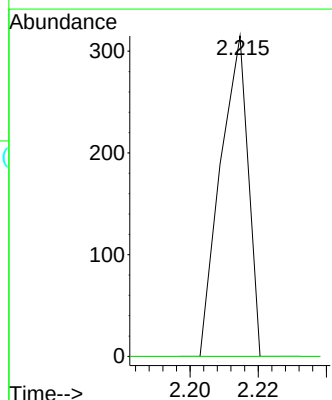
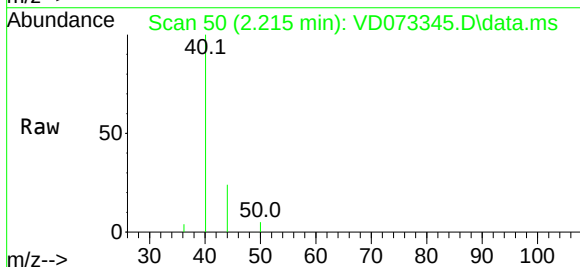
Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-2430-01

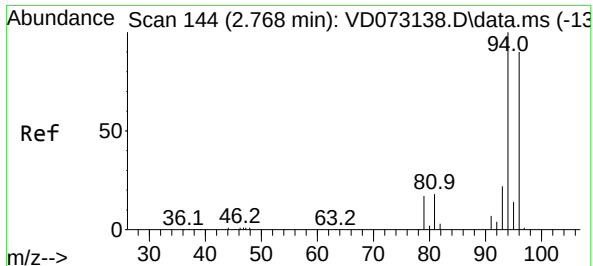
Tgt Ion:168 Resp: 4664
Ion Ratio Lower Upper
168 100
99 53.4 49.8 74.6



#3
Chloromethane
Concen: 3.378 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD073345.D
Acq: 25 May 2022 02:20

Tgt Ion: 50 Resp: 178
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

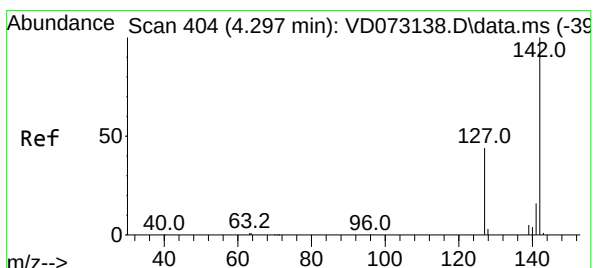
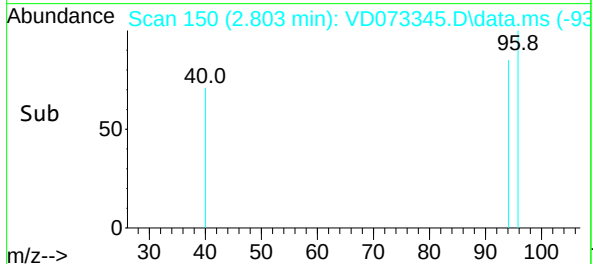
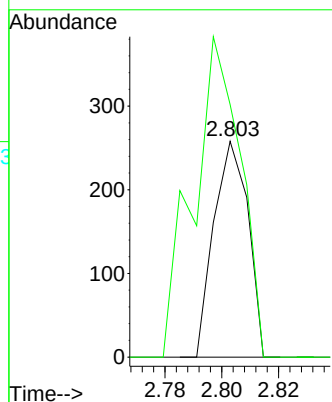
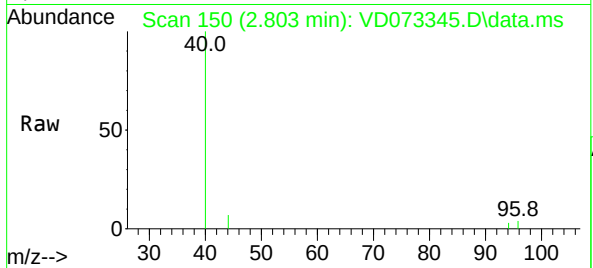




#5
Bromomethane
Concen: 3.181 ug/l
RT: 2.803 min Scan# 11
Delta R.T. 0.035 min
Lab File: VD073345.D
Acq: 25 May 2022 02:20

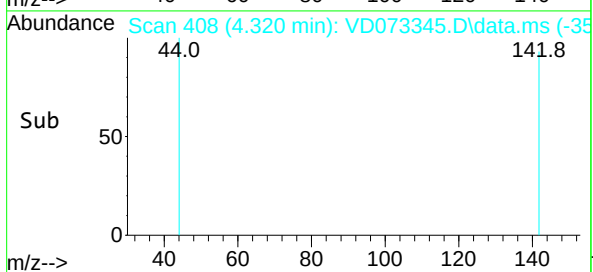
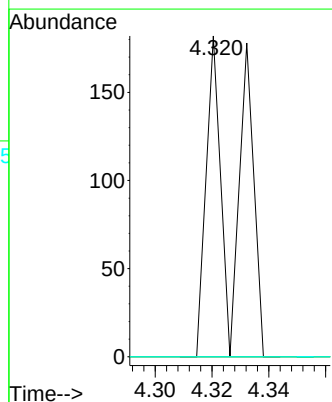
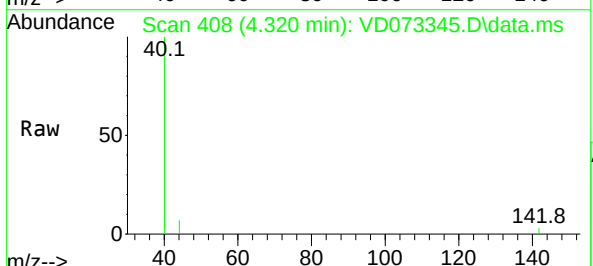
Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-2430-01

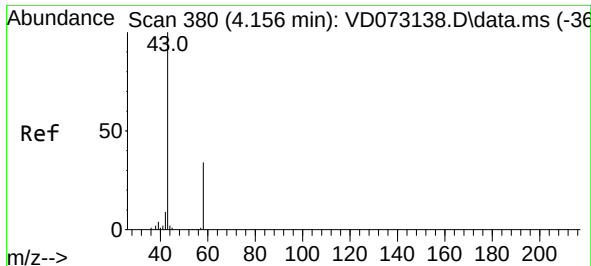
Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 117.1 77.6 116.4#



#10
Methyl Iodide
Concen: 2.315 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.023 min
Lab File: VD073345.D
Acq: 25 May 2022 02:20

Tgt Ion:142 Resp: 127
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#





#16

Acetone

Concen: 12.657 ug/l

RT: 4.168 min Scan# 31

Delta R.T. 0.012 min

Lab File: VD073345.D

Acq: 25 May 2022 02:20

Instrument :

MSVOA_D

ClientSampleId :

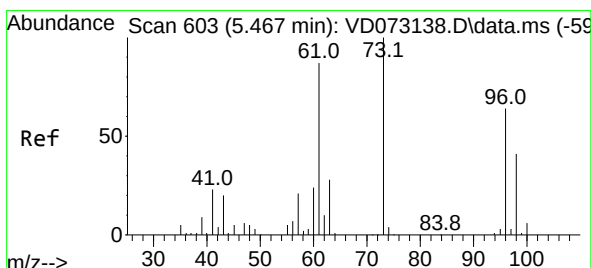
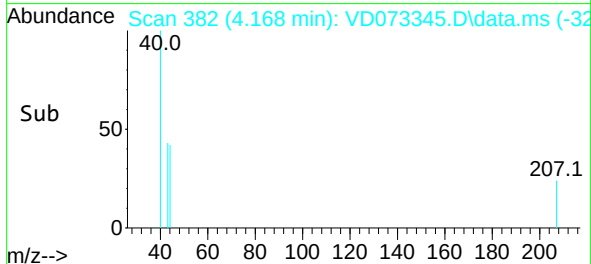
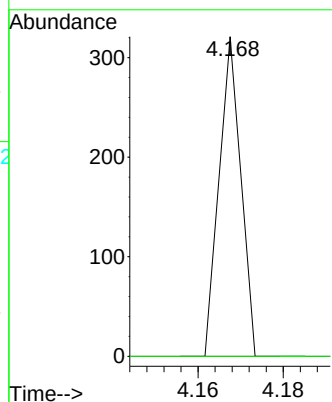
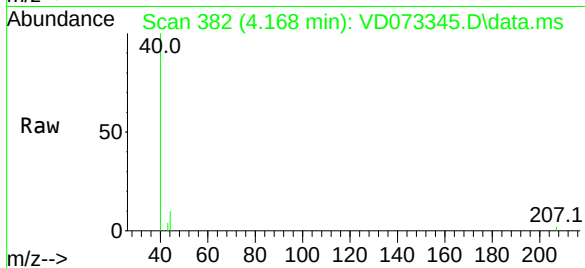
P014-SS002-2430-01

Tgt Ion: 43 Resp: 113

Ion Ratio Lower Upper

43 100

58 0.0 22.1 33.1#



#21

trans-1,2-Dichloroethene

Concen: 2.153 ug/l

RT: 5.691 min Scan# 641

Delta R.T. 0.224 min

Lab File: VD073345.D

Acq: 25 May 2022 02:20

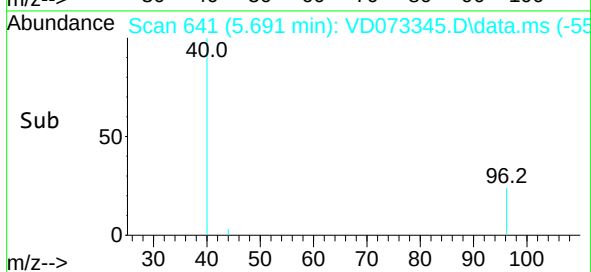
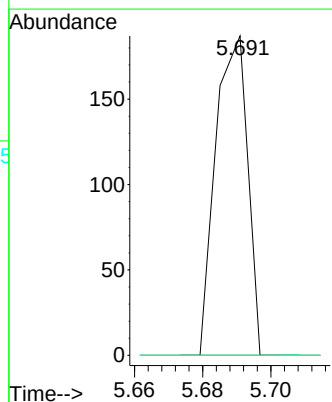
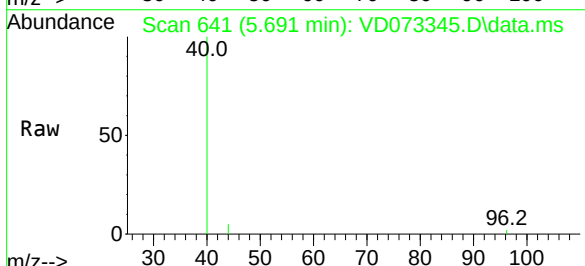
Tgt Ion: 96 Resp: 122

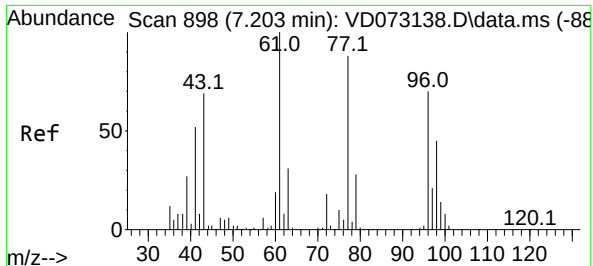
Ion Ratio Lower Upper

96 100

61 0.0 117.9 176.9#

98 0.0 49.4 74.2#





#26

2,2-Dichloropropane

Concen: 1.509 ug/l

RT: 7.179 min Scan# 898

Delta R.T. -0.024 min

Lab File: VD073345.D

Acq: 25 May 2022 02:20

Instrument :

MSVOA_D

ClientSampleId :

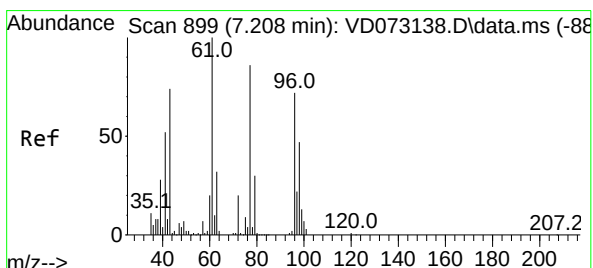
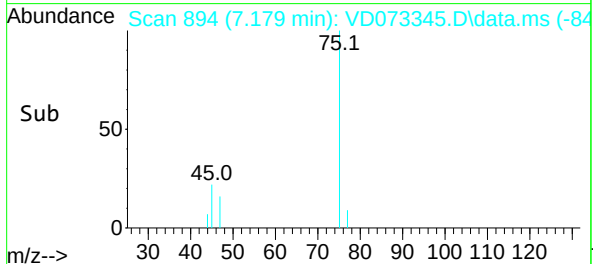
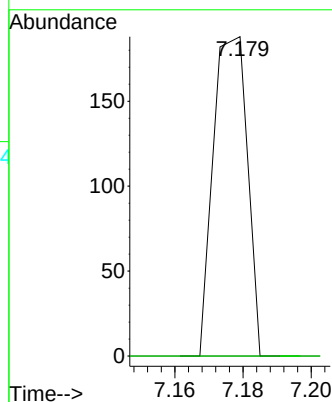
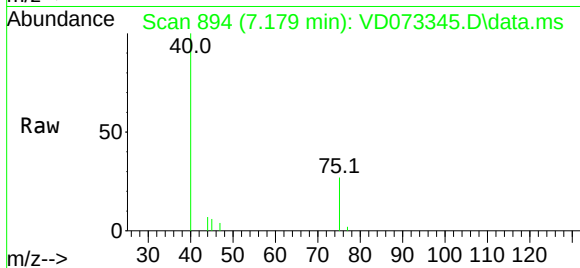
P014-SS002-2430-01

Tgt Ion: 77 Resp: 131

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.4#



#27

cis-1,2-Dichloroethene

Concen: 1.276 ug/l

RT: 7.438 min Scan# 938

Delta R.T. 0.230 min

Lab File: VD073345.D

Acq: 25 May 2022 02:20

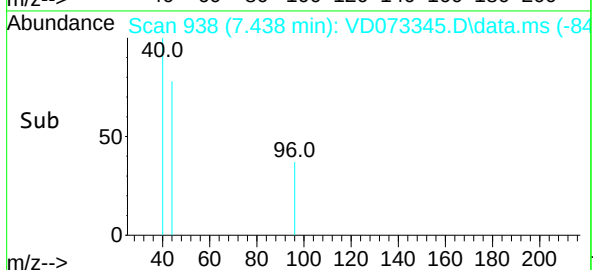
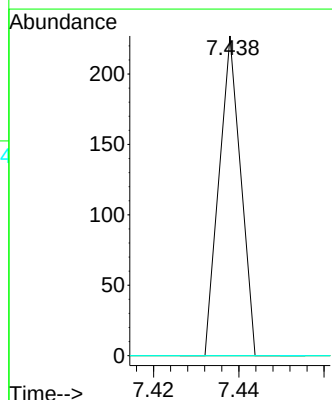
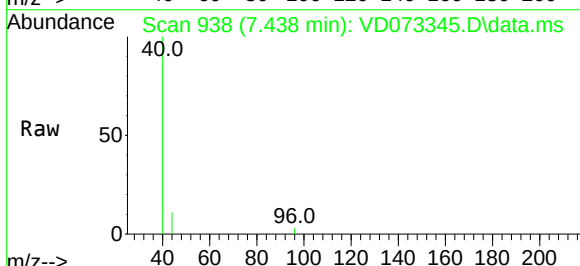
Tgt Ion: 96 Resp: 80

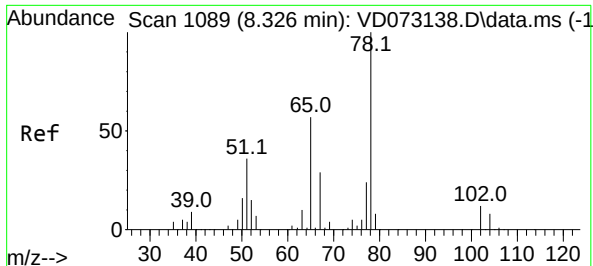
Ion Ratio Lower Upper

96 100

61 0.0 0.0 313.8

98 0.0 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 71.396 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD073345.D

Acq: 25 May 2022 02:20

Instrument :

MSVOA_D

ClientSampleId :

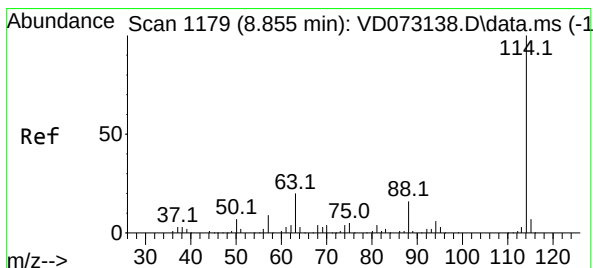
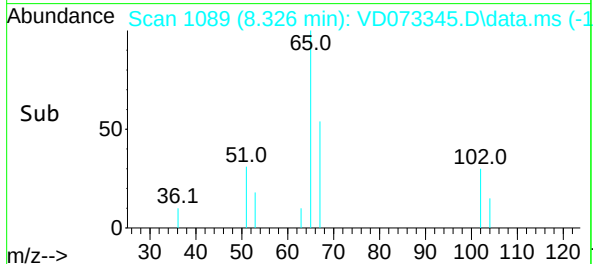
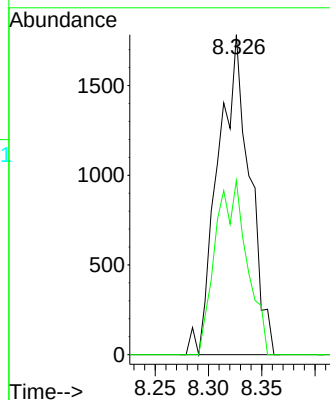
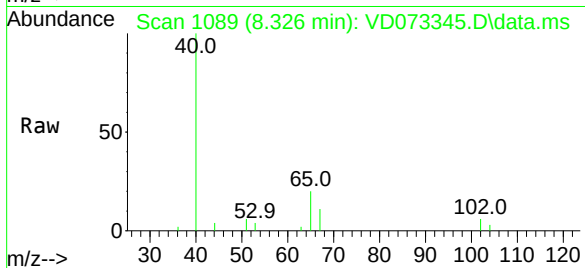
P014-SS002-2430-01

Tgt Ion: 65 Resp: 3680

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.850 min Scan# 1178

Delta R.T. -0.005 min

Lab File: VD073345.D

Acq: 25 May 2022 02:20

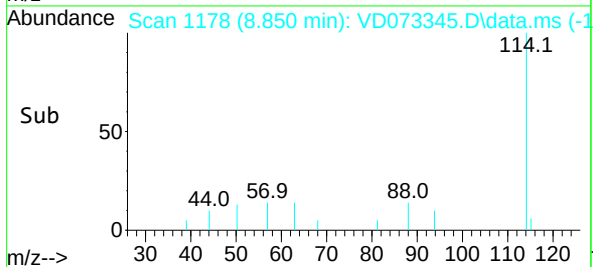
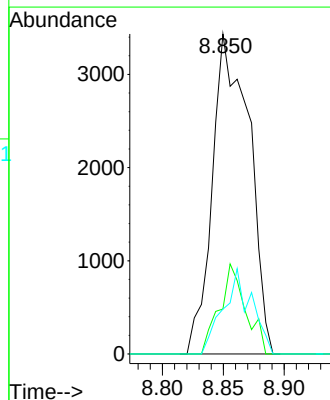
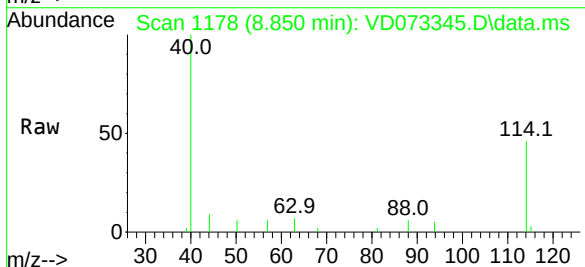
Tgt Ion: 114 Resp: 7221

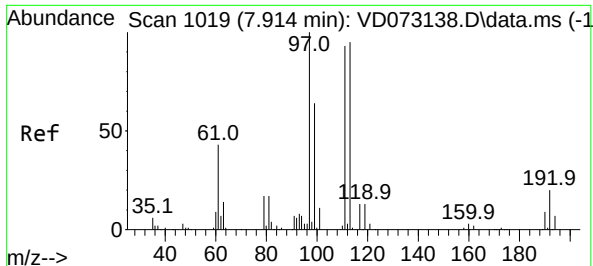
Ion Ratio Lower Upper

114 100

63 14.0 0.0 46.6

88 14.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 70.516 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073345.D

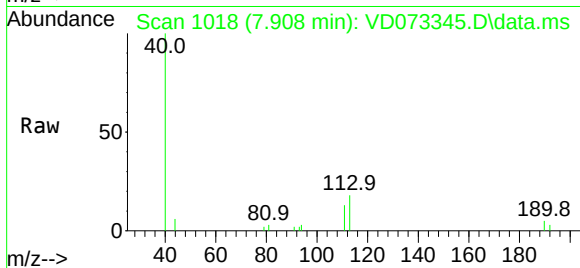
Acq: 25 May 2022 02:20

Instrument :

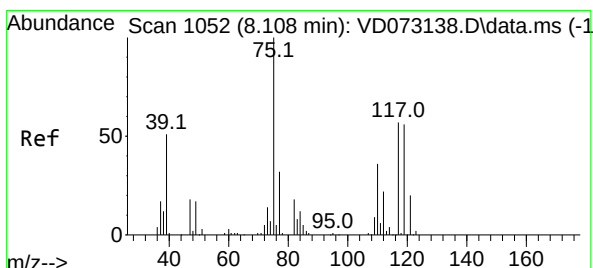
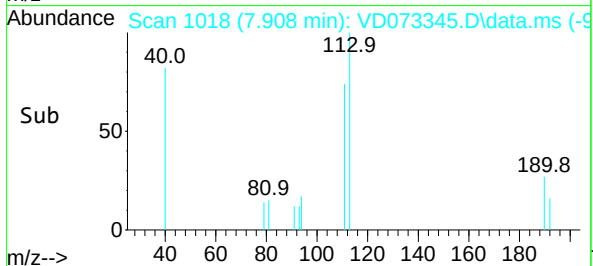
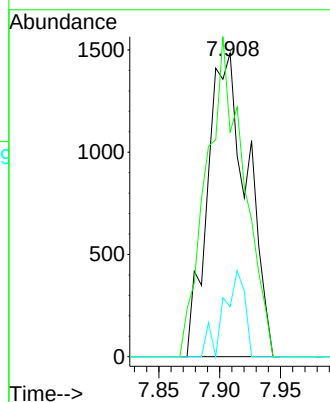
MSVOA_D

ClientSampleId :

P014-SS002-2430-01



Tgt Ion:113	Resp:	3360
Ion	Ratio	Lower Upper
113	100	
111	99.6	83.8 125.6
192	15.1	14.6 21.8



#36

1,1-Dichloropropene

Concen: 2.777 ug/l

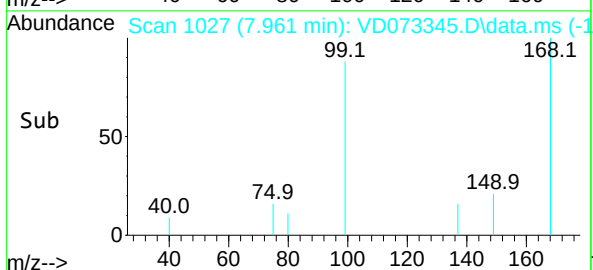
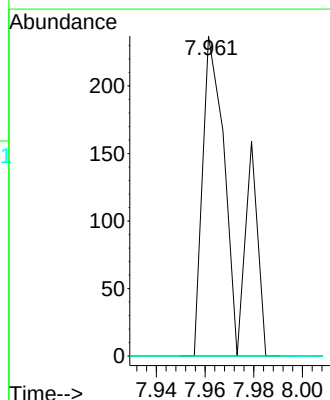
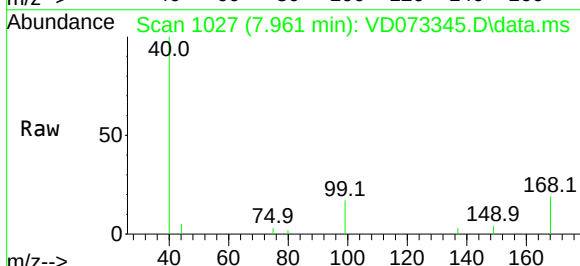
RT: 7.961 min Scan# 1027

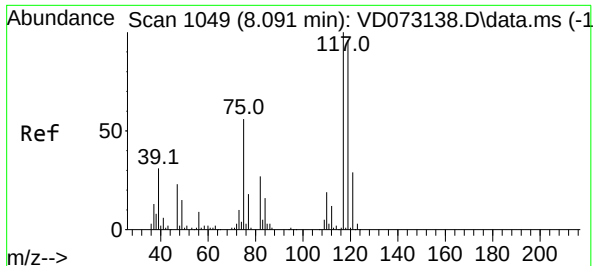
Delta R.T. -0.147 min

Lab File: VD073345.D

Acq: 25 May 2022 02:20

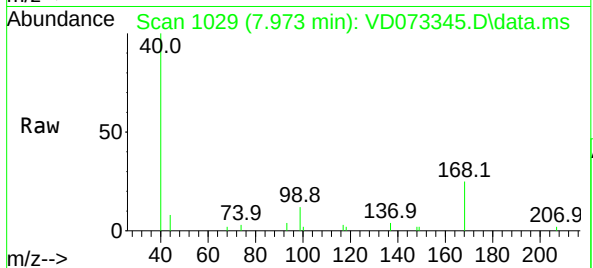
Tgt Ion: 75	Resp:	199
Ion	Ratio	Lower Upper
75	100	
110	0.0	16.4 49.1#
77	0.0	24.2 36.2#



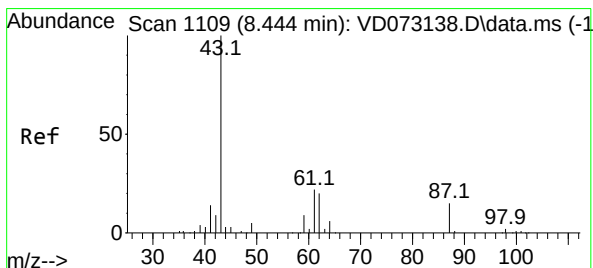
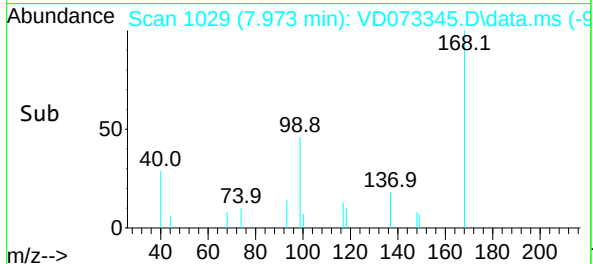
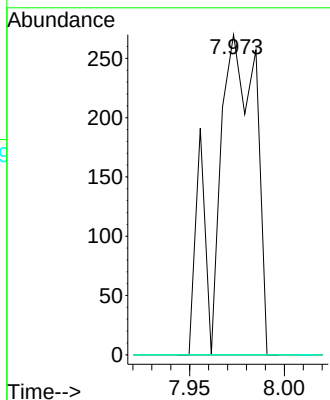


#38
Carbon Tetrachloride
Concen: 5.493 ug/l
RT: 7.973 min Scan# 1104
Delta R.T. -0.118 min
Lab File: VD073345.D
Acq: 25 May 2022 02:20

Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-2430-01

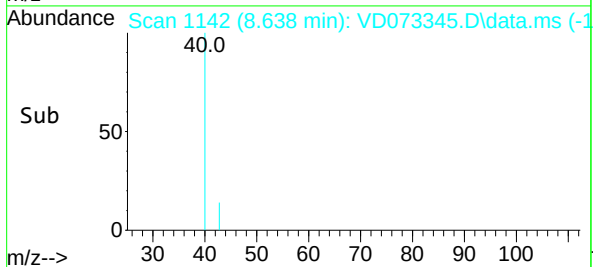
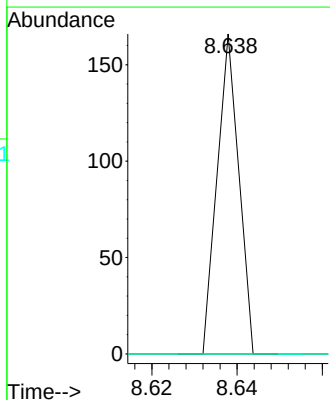
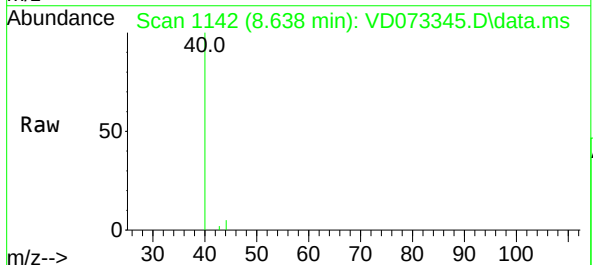


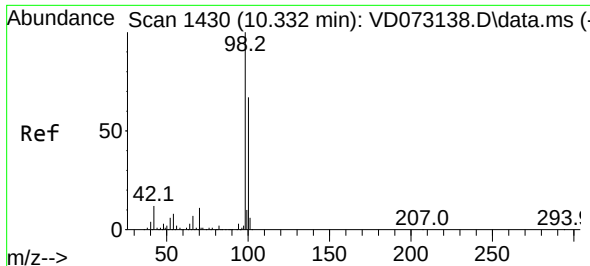
Tgt Ion:117 Resp: 399
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 1.128 ug/l
RT: 8.638 min Scan# 1142
Delta R.T. 0.194 min
Lab File: VD073345.D
Acq: 25 May 2022 02:20

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 8.7 13.1#

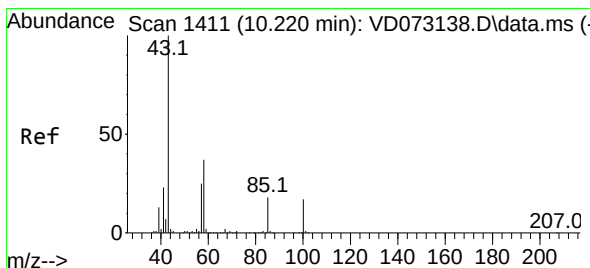
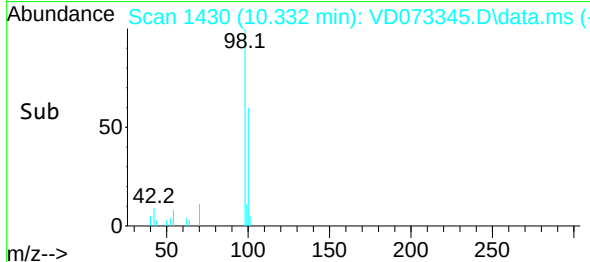
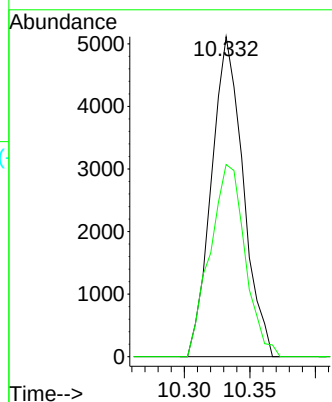
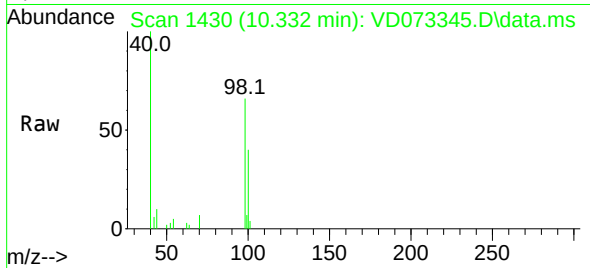




#50
Toluene-d8
Concen: 48.934 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073345.D
Acq: 25 May 2022 02:20

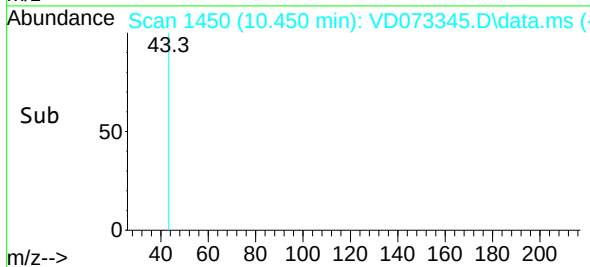
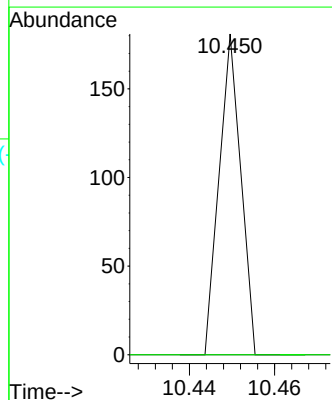
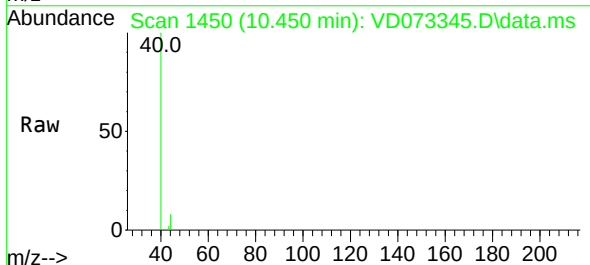
Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-2430-01

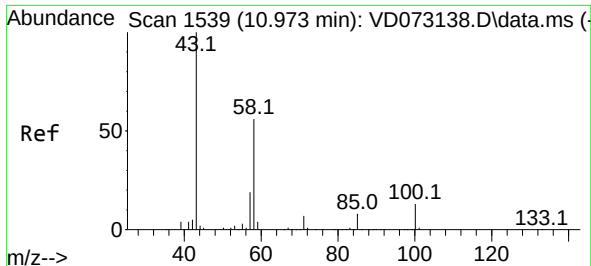
Tgt Ion: 98 Resp: 8595
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 2.355 ug/l
RT: 10.450 min Scan# 1450
Delta R.T. 0.230 min
Lab File: VD073345.D
Acq: 25 May 2022 02:20

Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#





#59

2-Hexanone

Concen: 3.070 ug/l

RT: 10.891 min Scan# 1525

Delta R.T. -0.082 min

Lab File: VD073345.D

Acq: 25 May 2022 02:20

Instrument :

MSVOA_D

ClientSampleId :

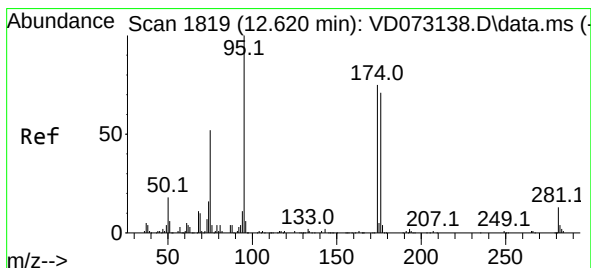
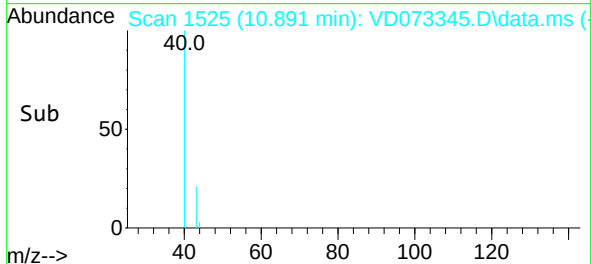
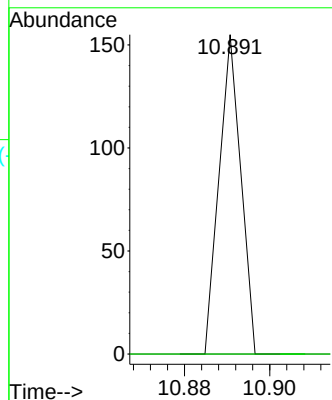
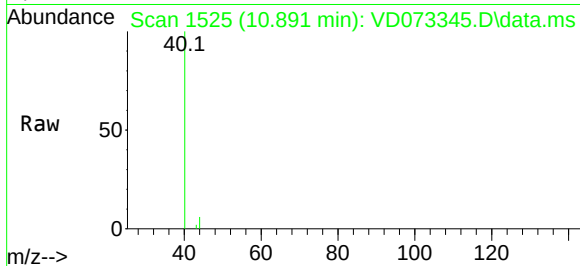
P014-SS002-2430-01

Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

58 0.0 25.3 75.9#



#62

4-Bromofluorobenzene

Concen: 53.243 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073345.D

Acq: 25 May 2022 02:20

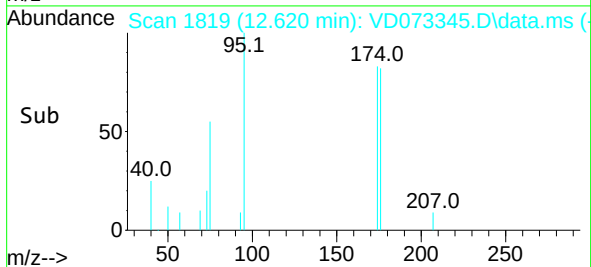
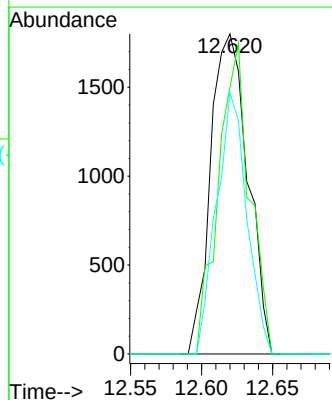
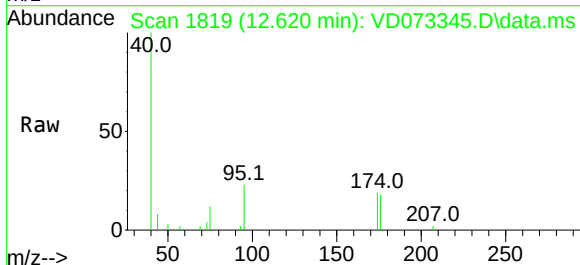
Tgt Ion: 95 Resp: 3282

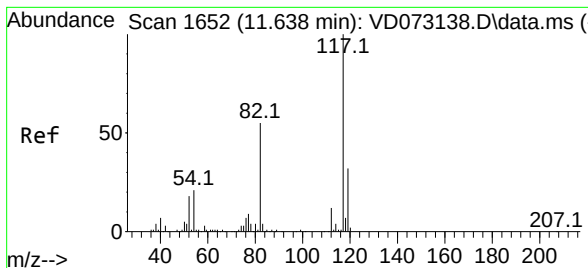
Ion Ratio Lower Upper

95 100

174 81.6 0.0 152.8

176 66.6 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: VD073345.D

Acq: 25 May 2022 02:20

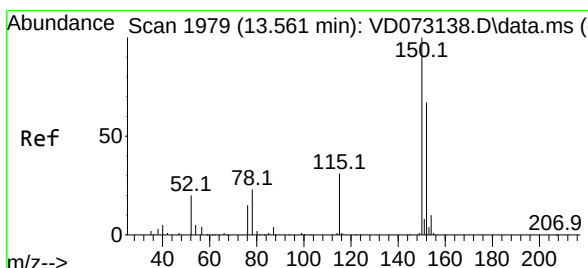
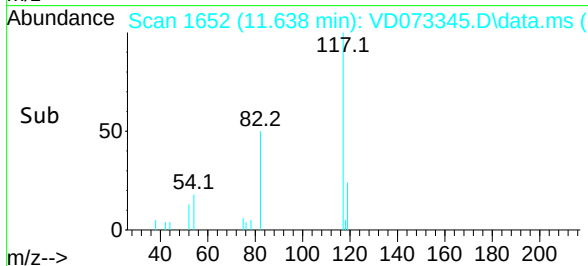
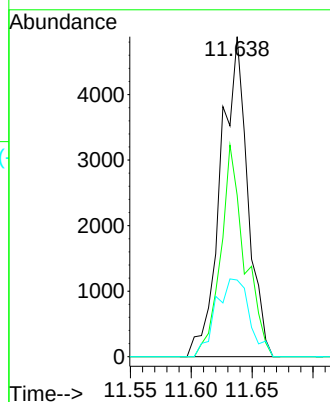
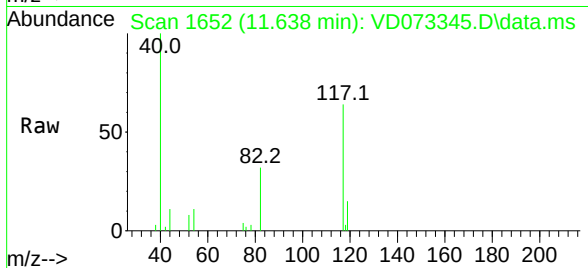
Instrument :

MSVOA_D

ClientSampleId :

P014-SS002-2430-01

Tgt Ion:117	Resp:	7556
Ion	Ratio	Lower Upper
117	100	
82	50.5	45.3 67.9
119	23.9	26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

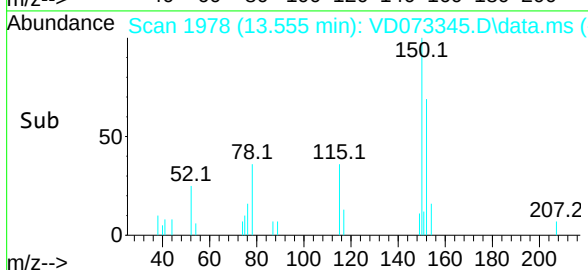
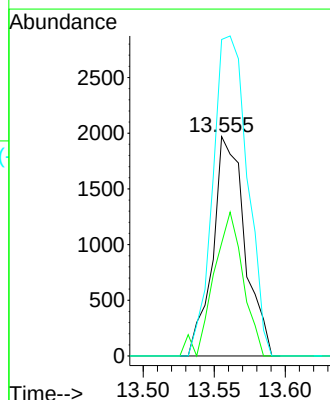
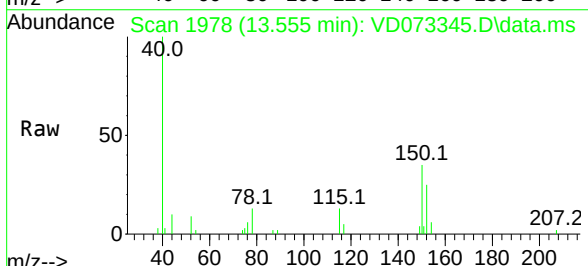
RT: 13.555 min Scan# 1978

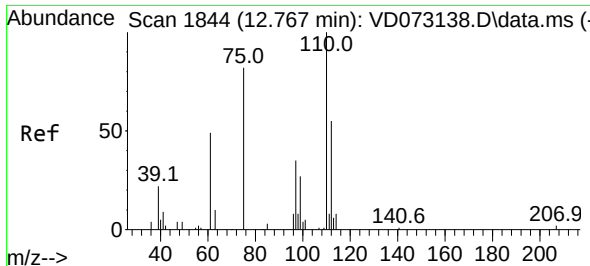
Delta R.T. -0.006 min

Lab File: VD073345.D

Acq: 25 May 2022 02:20

Tgt Ion:152	Resp:	3082
Ion	Ratio	Lower Upper
152	100	
115	60.5	31.3 93.8
150	158.3	0.0 348.6

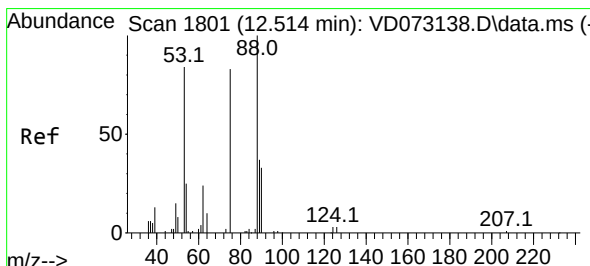
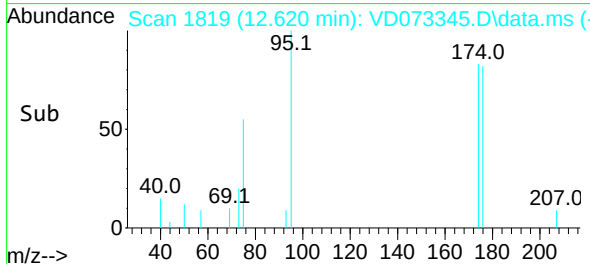
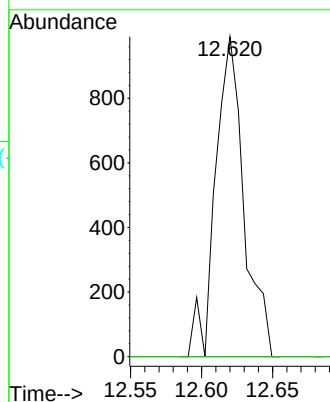
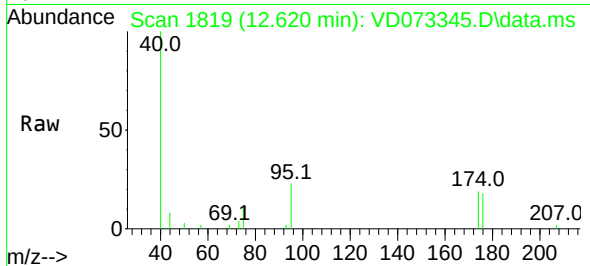




#76
1,2,3-Trichloropropane
Concen: 45.701 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073345.D
Acq: 25 May 2022 02:20

Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-2430-01

Tgt Ion: 75 Resp: 1382
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 109.715 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073345.D
Acq: 25 May 2022 02:20

Tgt Ion: 75 Resp: 1382
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

