

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063575.D
 Acq On : 14 Aug 2019 15:49
 Operator : JC/SY
 Sample : K4329-01
 Misc : 3.35g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

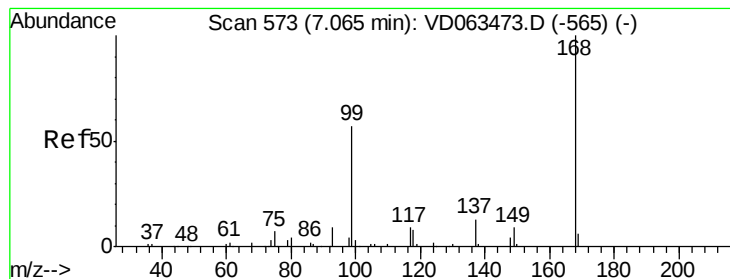
Quant Time: Aug 15 12:00:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	119647	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	161020	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	91618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	16979	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	90952	71.12	ug/l	-0.02
Spiked Amount			Recovery	=	142.24%	
35) Dibromofluoromethane	6.93	113	85799	63.27	ug/l	0.00
Spiked Amount			Recovery	=	126.54%	
50) Toluene-d8	10.41	98	118195	39.64	ug/l	0.00
Spiked Amount			Recovery	=	79.28%	
62) 4-Bromofluorobenzene	13.55	95	25819	19.11	ug/l	0.00
Spiked Amount			Recovery	=	38.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	2503	4.725	ug/l #	13
8) Diethyl Ether	2.88	74	1205	3.875	ug/l	81
10) Methyl Iodide	3.31	142	2063	1.121	ug/l #	29
11) Tert butyl alcohol	4.07	59	1999	35.905	ug/l #	71
13) Acrolein	3.04	56	1279	23.339	ug/l #	62
15) Acrylonitrile	4.21	53	193	1.309	ug/l #	11
16) Acetone	3.23	43	104702	402.728	ug/l #	89
18) Methyl Acetate	3.63	43	986	2.002	ug/l #	57
20) Methylene Chloride	3.82	84	10865	9.665	ug/l #	93
25) 2-Butanone	6.07	43	961	3.743	ug/l #	58
29) Tetrahydrofuran	6.46	42	4731	39.541	ug/l #	81
31) Cyclohexane	7.04	56	2131	1.845	ug/l #	64
36) 1,1-Dichloropropene	7.05	75	9753	6.852	ug/l #	64
38) Carbon Tetrachloride	7.06	117	11521	5.370	ug/l #	19
41) Methacrylonitrile	6.47	41	3201	4.262	ug/l #	37
79) 2-Chlorotoluene	13.95	91	2030	2.786	ug/l	77
81) trans-1,4-Dichloro-2-buten	13.55	75	13537	258.468	ug/l #	1
82) 4-Chlorotoluene	13.95	91	2030	2.317	ug/l	78
84) 1,2,4-Trimethylbenzene	14.24	105	1300	1.489	ug/l	82
86) p-Isopropyltoluene	14.49	119	1299	1.287	ug/l #	58
87) 1,3-Dichlorobenzene	14.45	146	1585	2.969	ug/l	84
88) 1,4-Dichlorobenzene	14.45	146	1585	3.094	ug/l	86
89) n-Butylbenzene	14.79	91	1133	1.230	ug/l #	28
91) 1,2-Dichlorobenzene	14.81	146	1264	2.791	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	15.38	75	305	9.036	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.94	180	1766	5.299	ug/l	95
94) Hexachlorobutadiene	16.05	225	854	3.362	ug/l #	40
95) Naphthalene	16.12	128	6430	12.730	ug/l #	84
96) 1,2,3-Trichlorobenzene	16.27	180	2999	11.140	ug/l	81

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

Instrument :

MSVOA_D

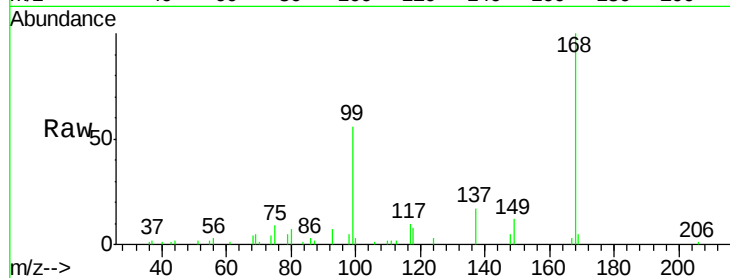
ClientSampleId :

Tot Ion:168 Resp: 119647

Ion Ratio Lower Upper

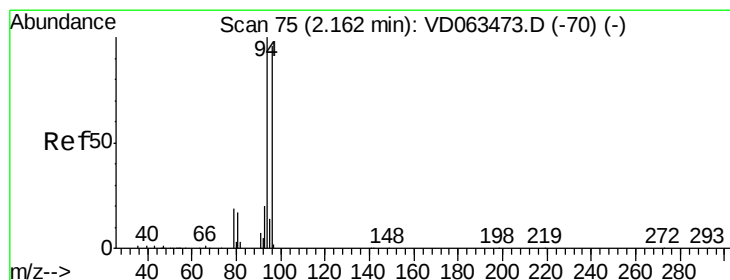
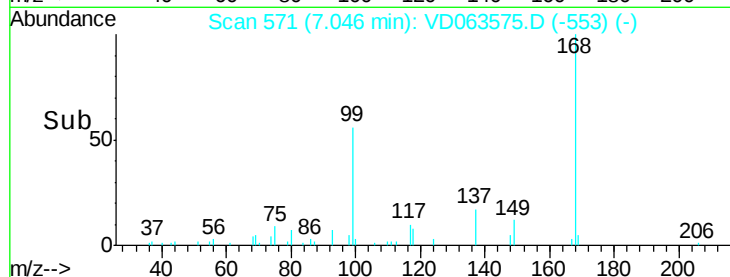
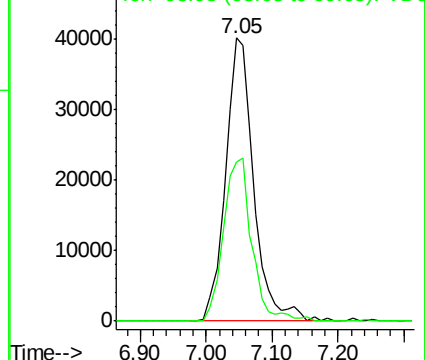
168 100

99 56.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 4.725 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.01 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

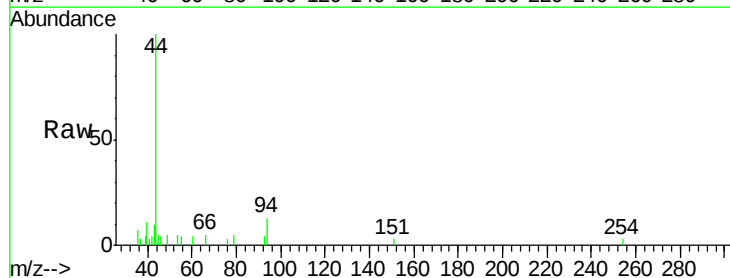
Tgt Ion: 94 Resp: 2503

Ion Ratio Lower Upper

94 100

96 0.0 76.5 114.7#

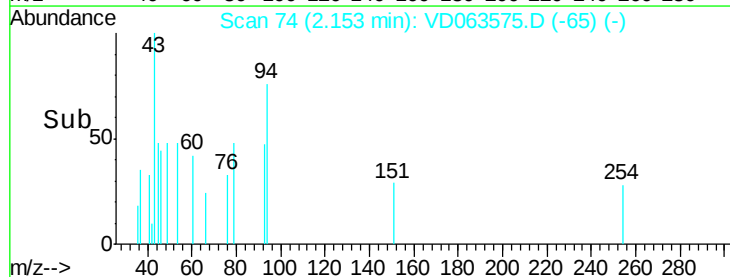
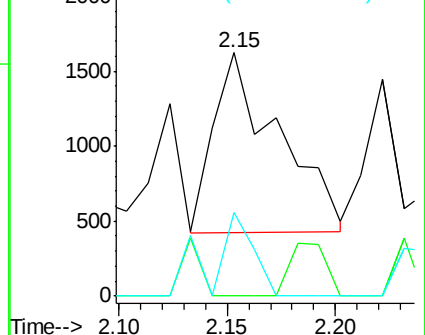
93 34.1 15.8 23.8#

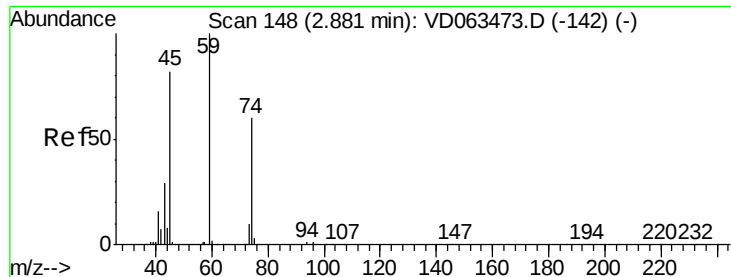


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#8

Diethyl Ether

Concen: 3.875 ug/l

RT: 2.88 min Scan# 148

Delta R.T. 0.00 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

Instrument :

MSVOA_D

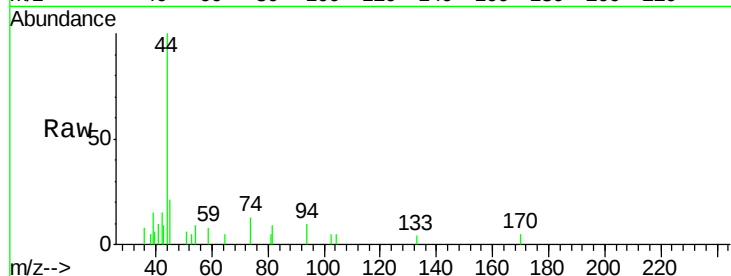
ClientSampled :

Tot Ion: 74 Resp: 1205

Ion Ratio Lower Upper

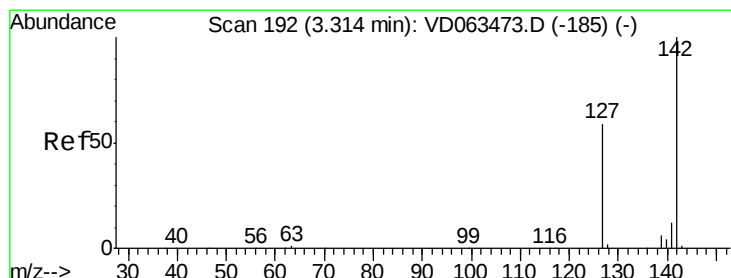
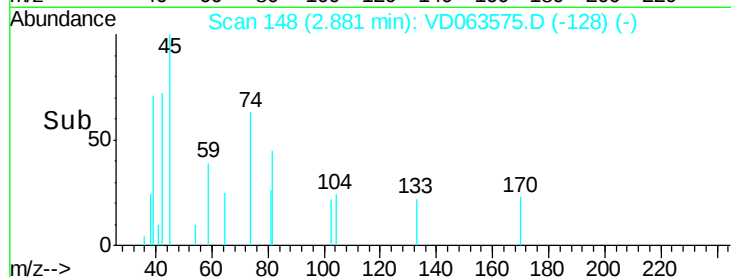
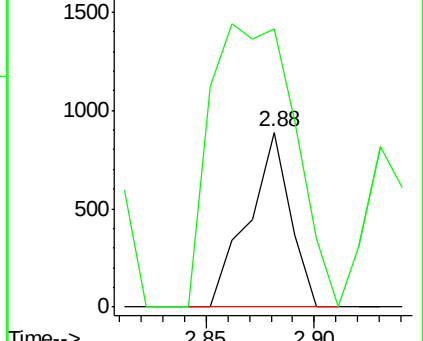
74 100

45 159.4 68.5 205.5



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC



#10

Methyl Iodide

Concen: 1.121 ug/l

RT: 3.31 min Scan# 192

Delta R.T. 0.00 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

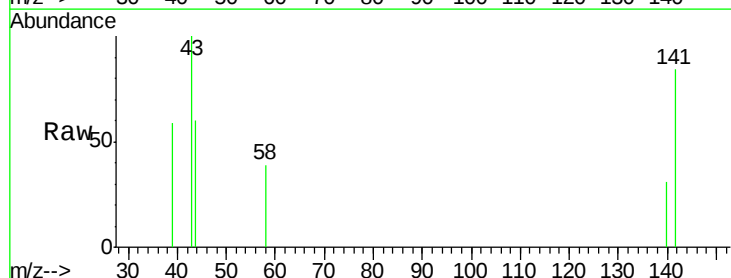
Tgt Ion: 142 Resp: 2063

Ion Ratio Lower Upper

142 100

127 0.0 47.2 70.8#

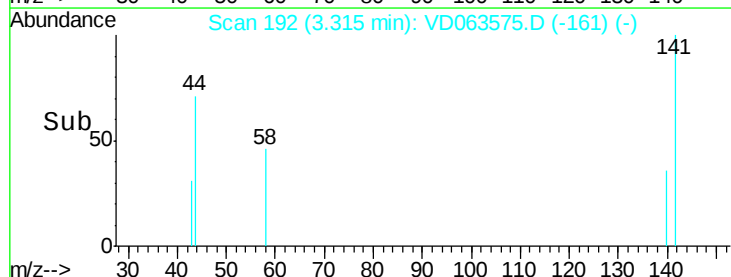
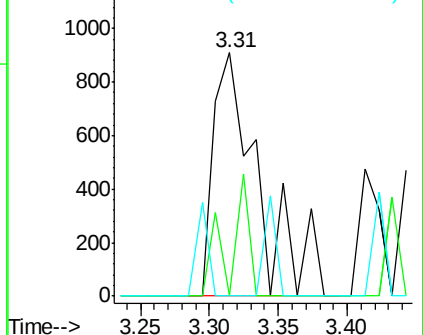
141 0.0 9.8 14.8#

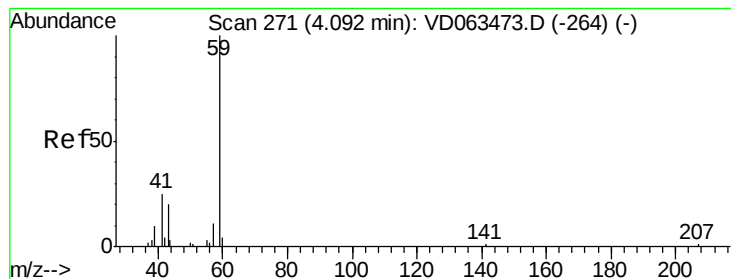


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



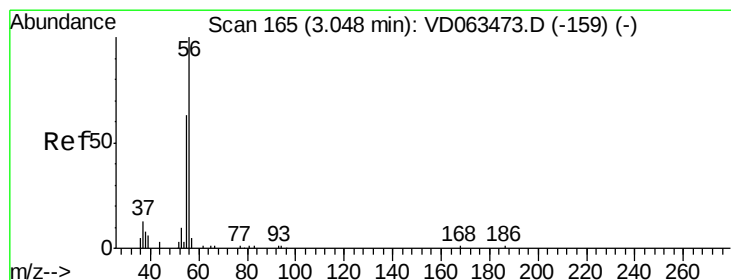
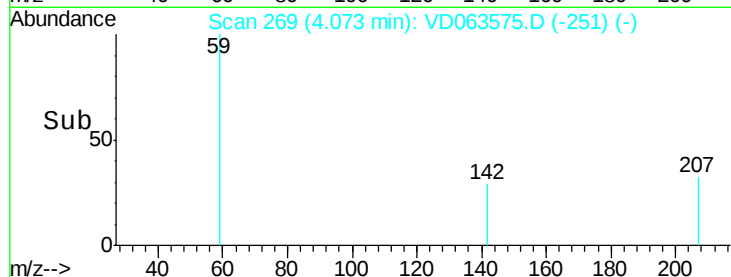
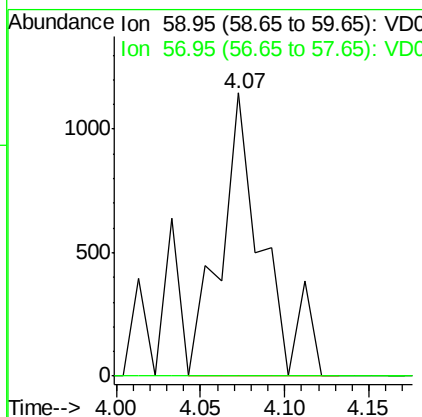
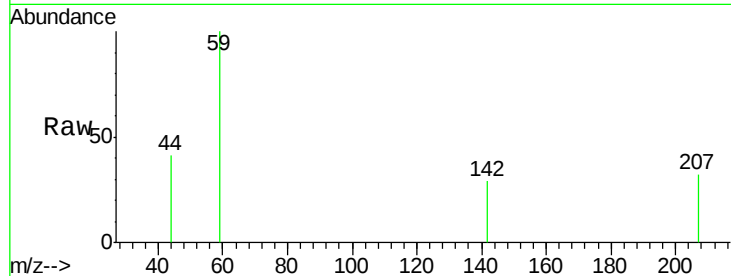


#11

Tert butyl alcohol
Concen: 35.905 ug/l
RT: 4.07 min Scan# 269
Delta R.T. -0.02 min
Lab File: VD063575.D
Acq: 14 Aug 2019 15:49

Instrument :
MSVOA_D
ClientSampled :

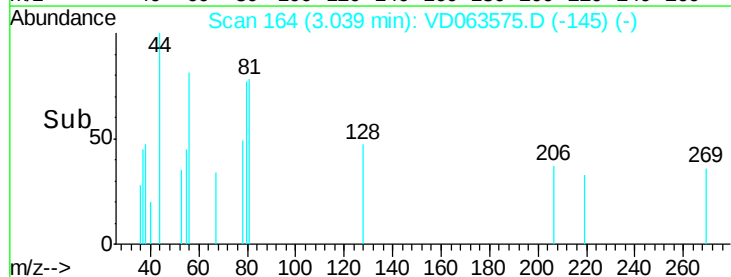
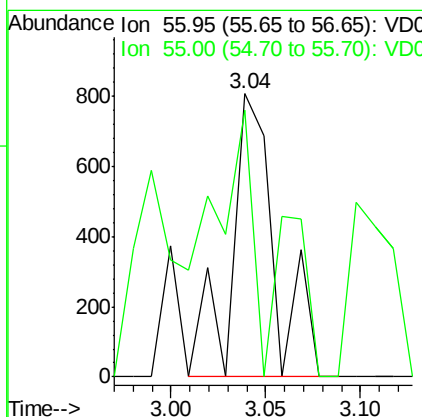
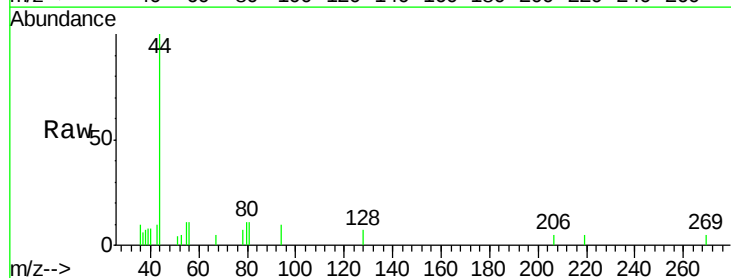
Tot Ion: 59 Resp: 1999
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

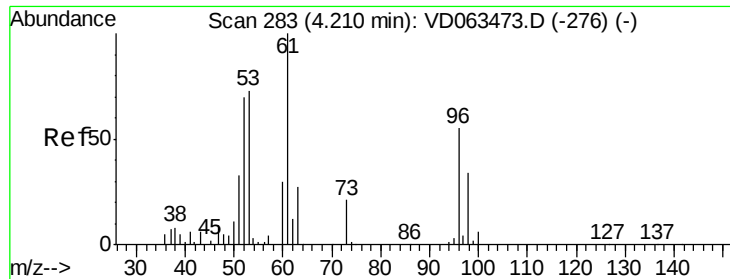


#13

Acrolein
Concen: 23.339 ug/l
RT: 3.04 min Scan# 164
Delta R.T. -0.01 min
Lab File: VD063575.D
Acq: 14 Aug 2019 15:49

Tgt Ion: 56 Resp: 1279
Ion Ratio Lower Upper
56 100
55 94.1 51.3 76.9#





#15

Acrylonitrile

Concen: 1.309 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.00 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :

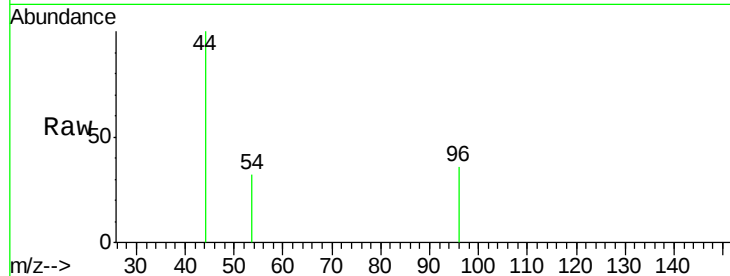
Tot Ion: 53 Resp: 193

Ion Ratio Lower Upper

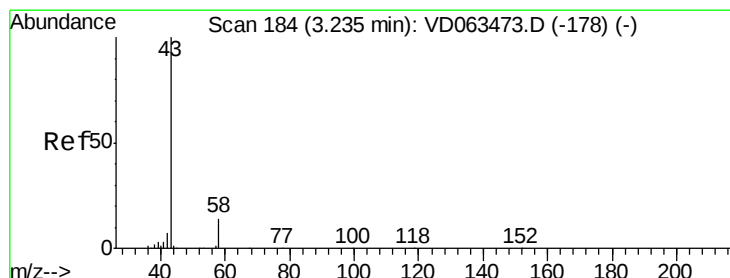
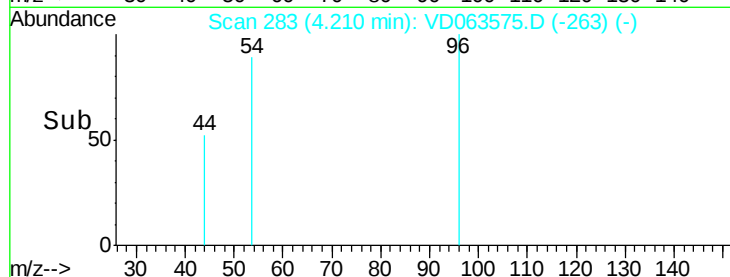
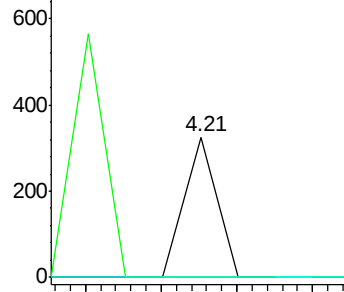
53 100

52 0.0 77.4 116.0#

51 0.0 36.7 55.1#



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 402.728 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063575.D

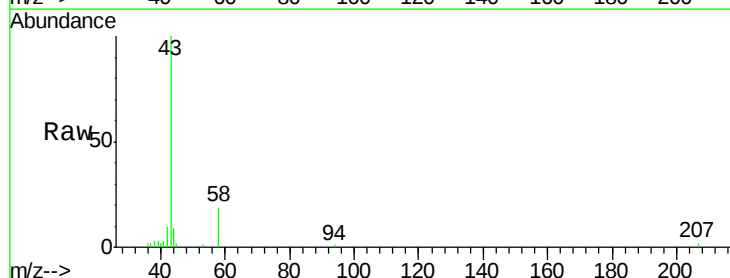
Acq: 14 Aug 2019 15:49

Tgt Ion: 43 Resp: 104702

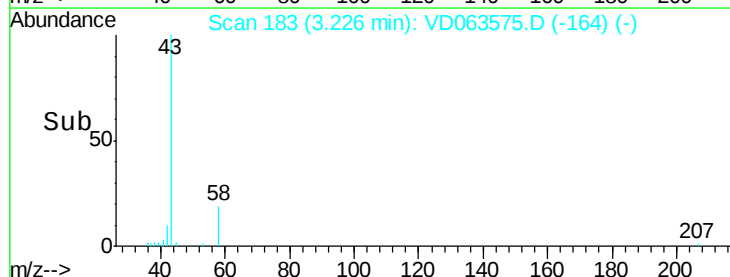
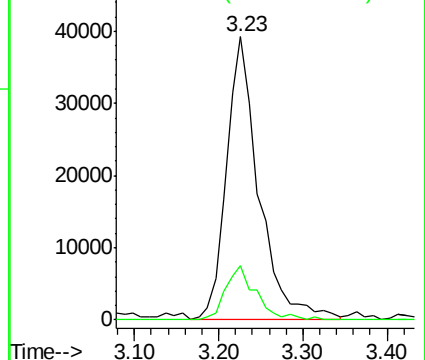
Ion Ratio Lower Upper

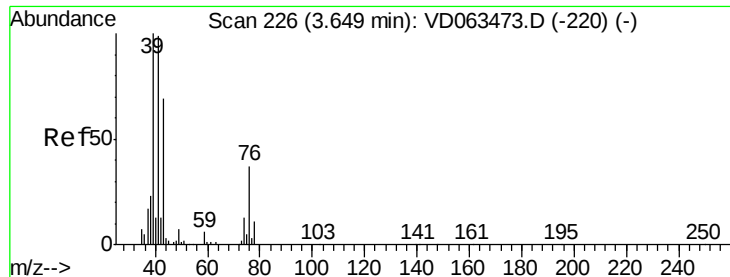
43 100

58 19.0 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

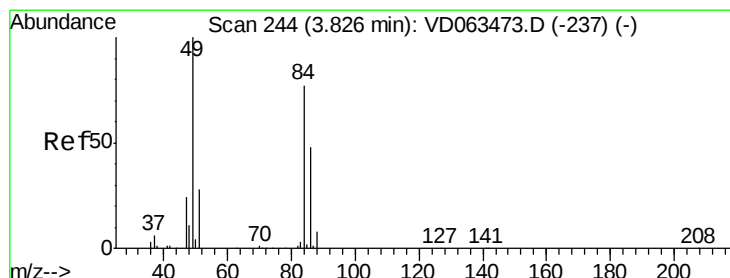
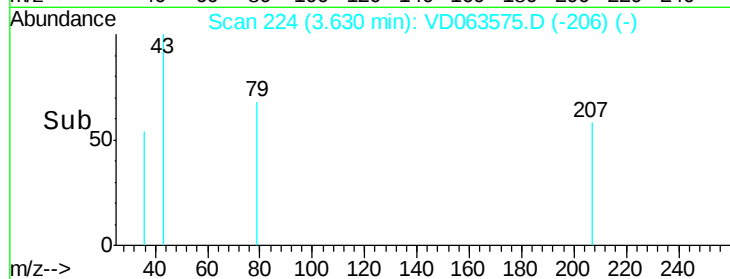
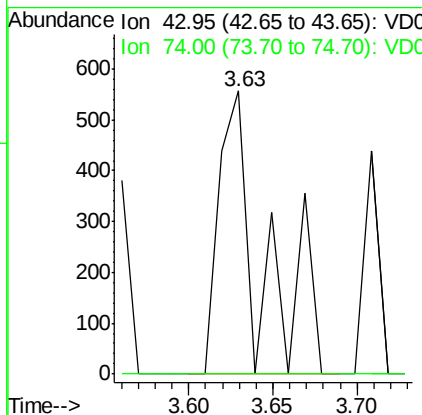
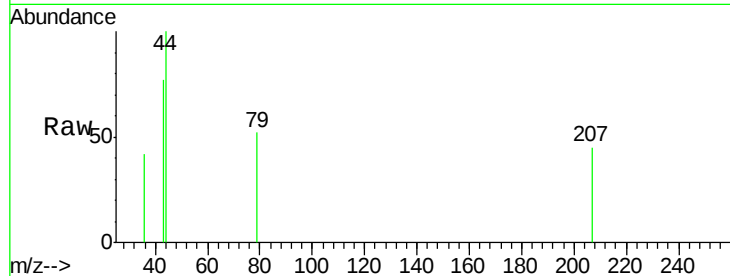




#18
Methyl Acetate
Concen: 2.002 ug/l
RT: 3.63 min Scan# 224
Delta R.T. -0.02 min
Lab File: VD063575.D
Acq: 14 Aug 2019 15:49

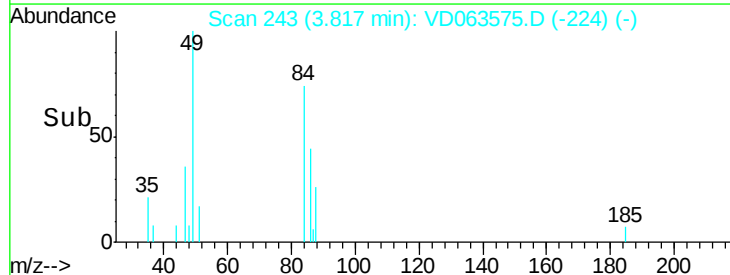
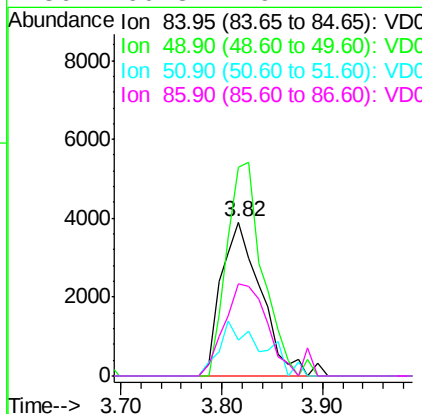
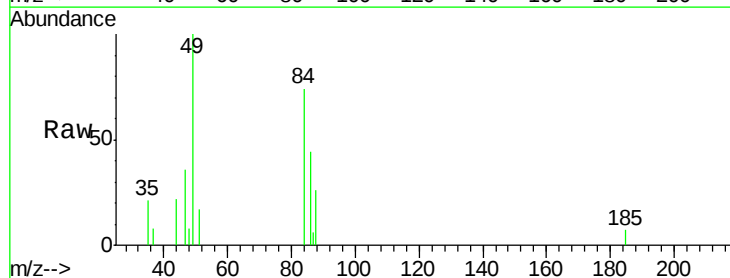
Instrument :
MSVOA_D
ClientSampleId :

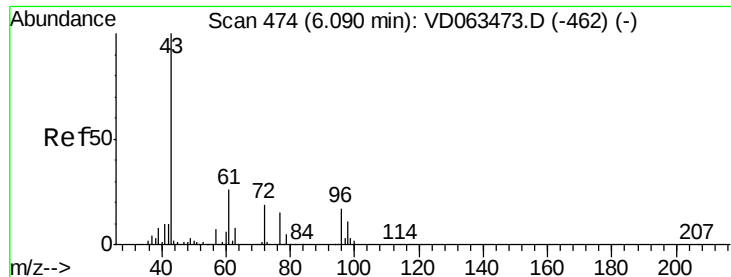
Tot Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#



#20
Methylene Chloride
Concen: 9.665 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063575.D
Acq: 14 Aug 2019 15:49

Tgt Ion: 84 Resp: 10865
Ion Ratio Lower Upper
84 100
49 135.9 103.4 155.2
51 23.2 28.5 42.7#
86 60.3 49.4 74.2





#25

2-Butanone

Concen: 3.743 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.02 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

Instrument :

MSVOA_D

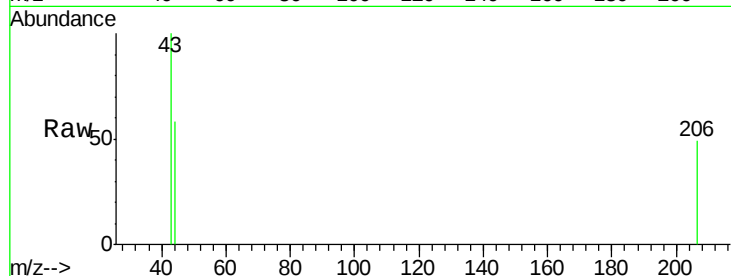
ClientSampled :

Tot Ion: 43 Resp: 961

Ion Ratio Lower Upper

43 100

72 0.0 15.1 22.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

6.07

800

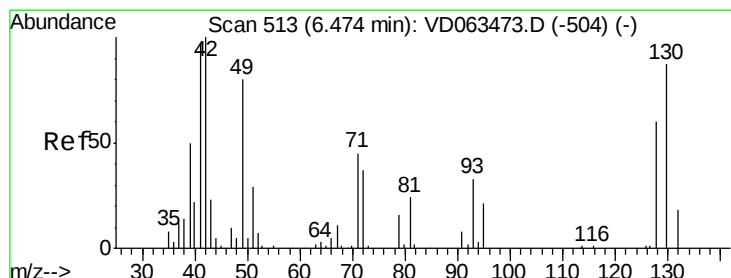
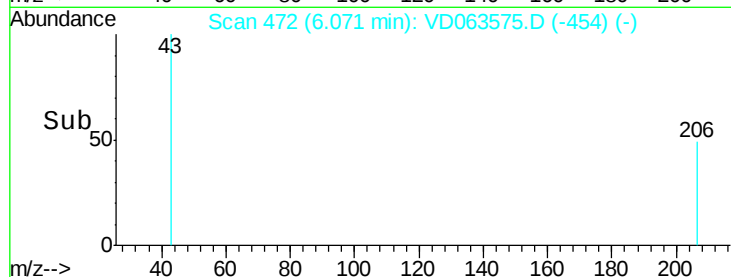
600

400

200

0

Time-->



#29

Tetrahydrofuran

Concen: 39.541 ug/l

RT: 6.46 min Scan# 512

Delta R.T. -0.01 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

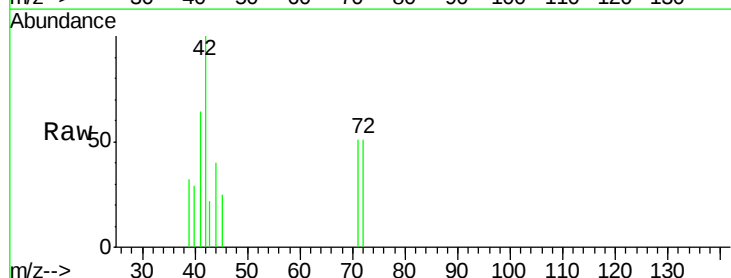
Tgt Ion: 42 Resp: 4731

Ion Ratio Lower Upper

42 100

72 21.7 31.5 47.3#

71 35.6 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

2000

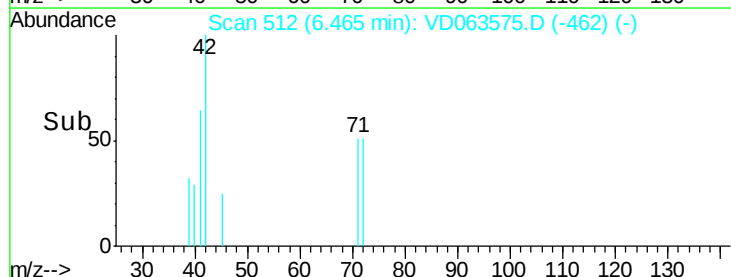
1500

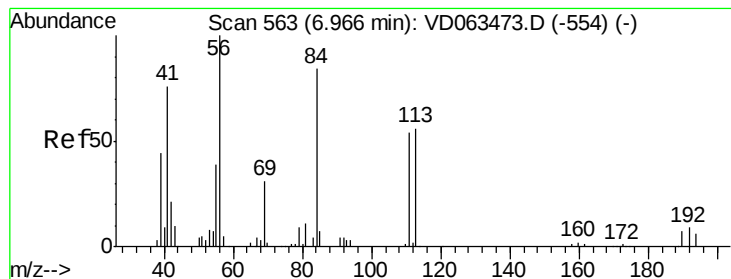
1000

500

0

Time-->





#31

Cyclohexane

Concen: 1.845 ug/l

RT: 7.04 min Scan# 570

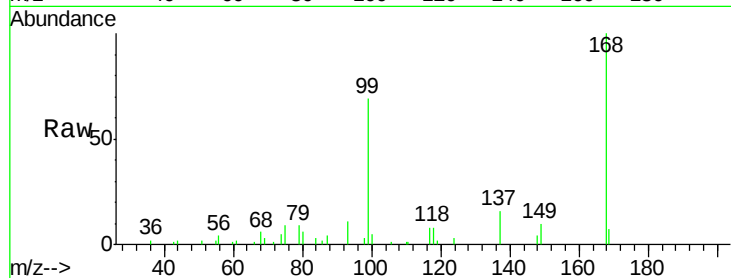
Delta R.T. 0.07 min

Lab File: VD063575.D

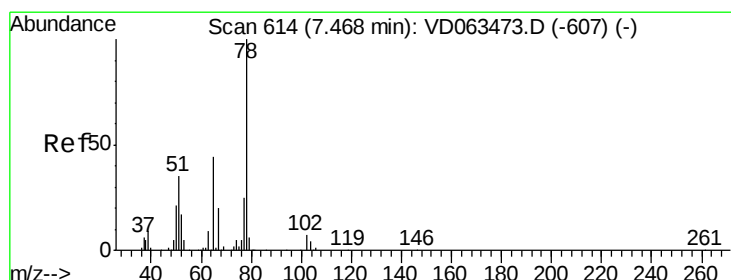
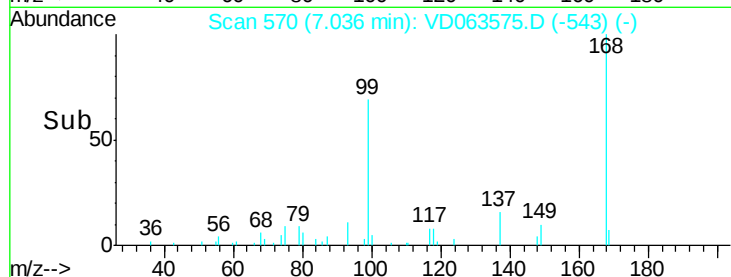
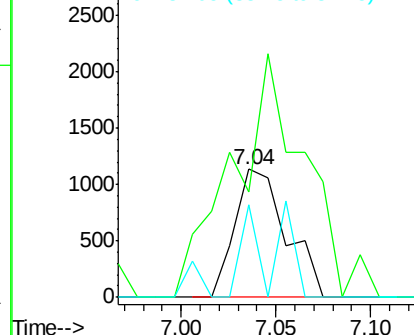
Acq: 14 Aug 2019 15:49

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	56	Resp:	2131
Ion	Ratio	Lower	Upper
56	100		
69	81.7	25.0	37.6#
84	72.0	69.7	104.5



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: 71.115 ug/l

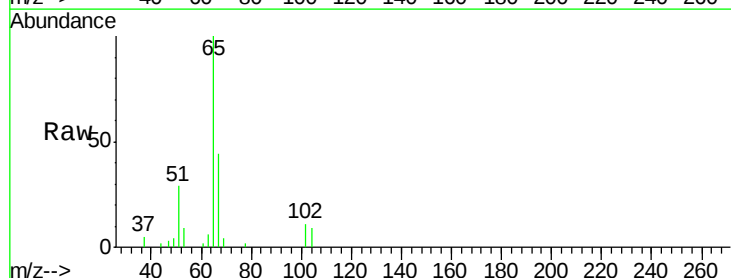
RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

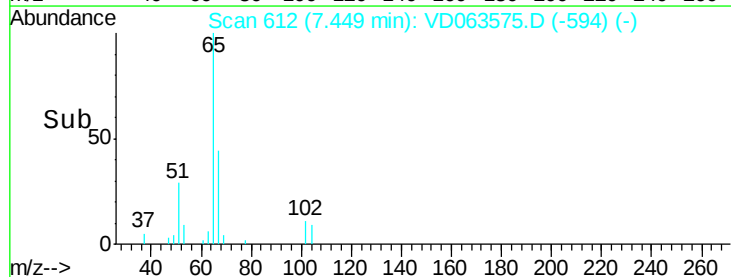
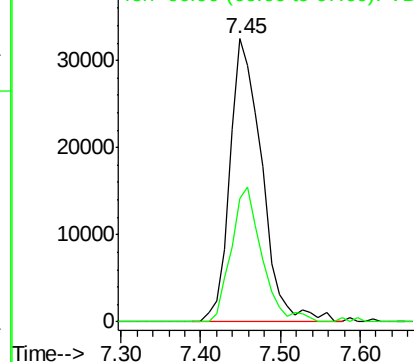
Lab File: VD063575.D

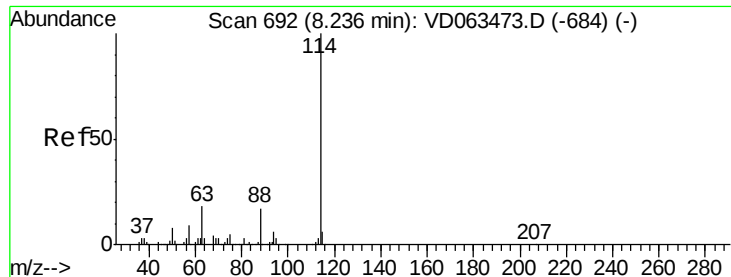
Acq: 14 Aug 2019 15:49

Tgt Ion:	65	Resp:	90952
Ion	Ratio	Lower	Upper
65	100		
67	43.5	0.0	89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

Instrument :

MSVOA_D

ClientSampleId :

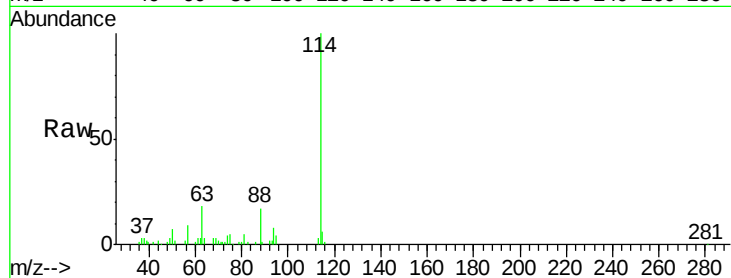
Tot Ion:114 Resp: 161020

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.2

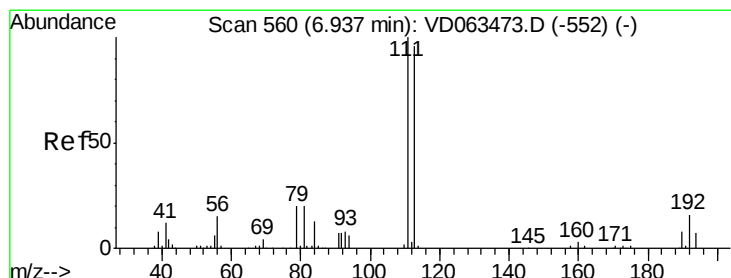
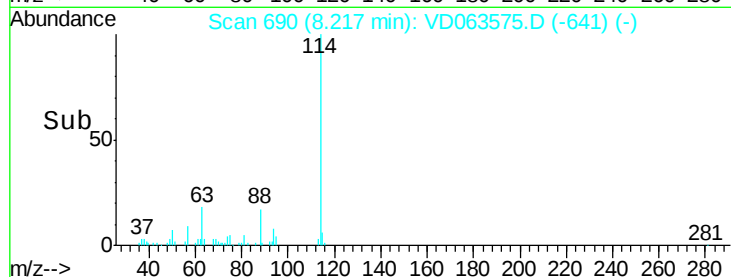
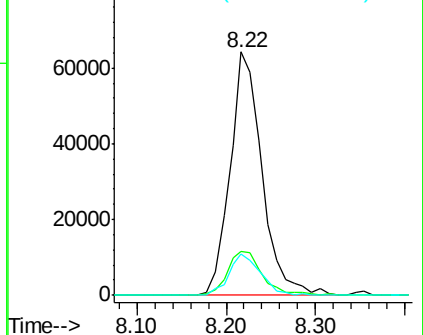
88 16.8 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 63.268 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

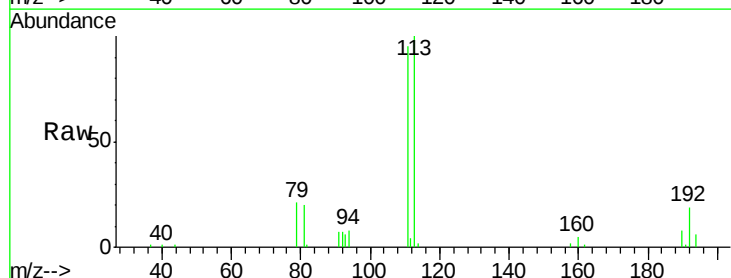
Tgt Ion:113 Resp: 85799

Ion Ratio Lower Upper

113 100

111 95.4 83.1 124.7

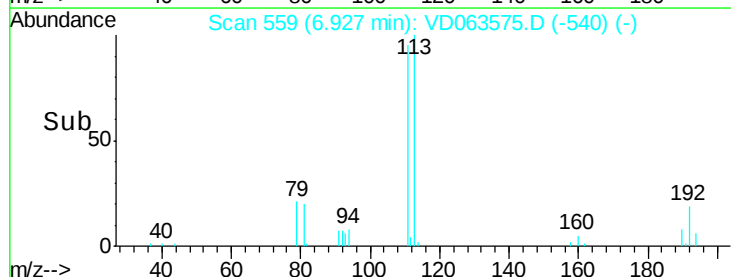
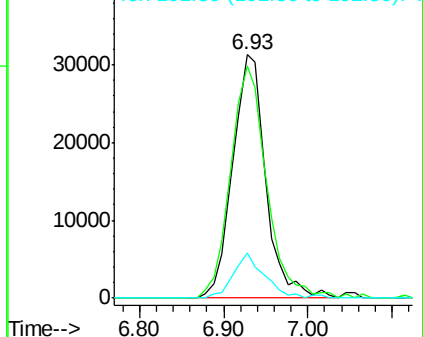
192 18.8 13.1 19.7

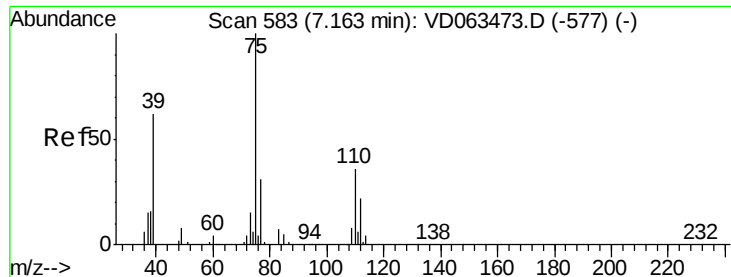


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 6.852 ug/l

RT: 7.05 min Scan# 571

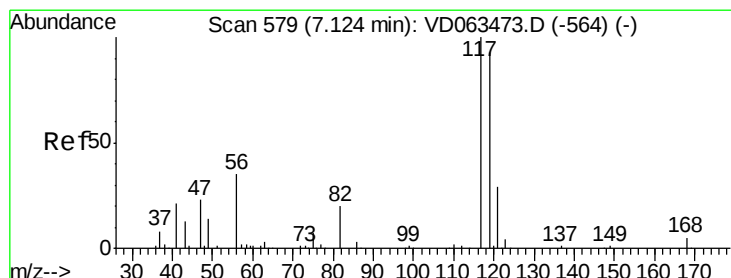
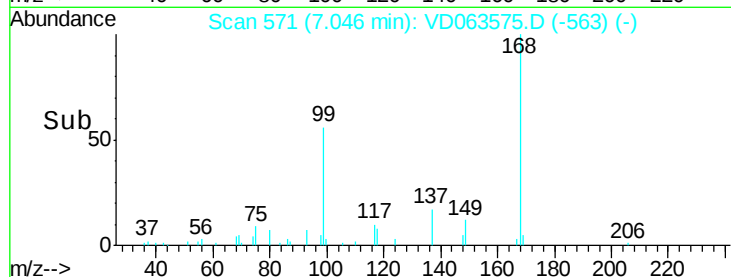
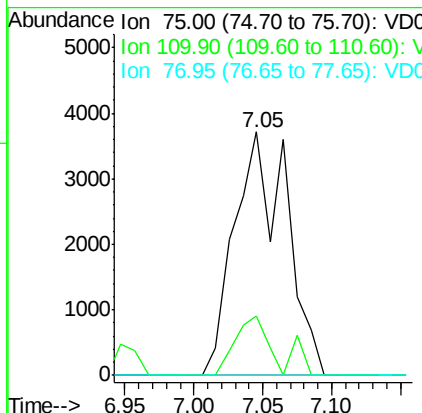
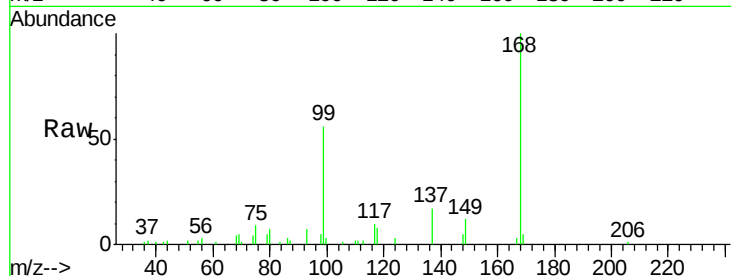
Delta R.T. -0.12 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	75	Resp:	9753
Ion	Ratio	Lower	Upper
75	100		
110	24.1	17.6	52.8
77	0.0	24.3	36.5#



#38

Carbon Tetrachloride

Concen: 5.370 ug/l

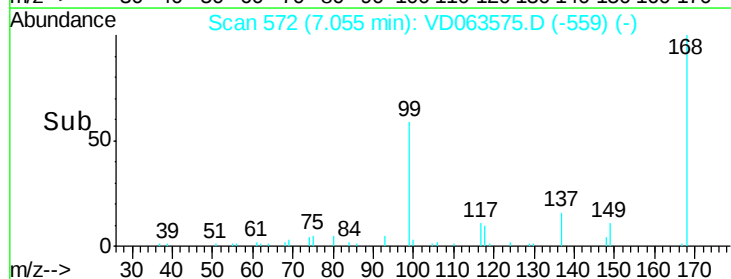
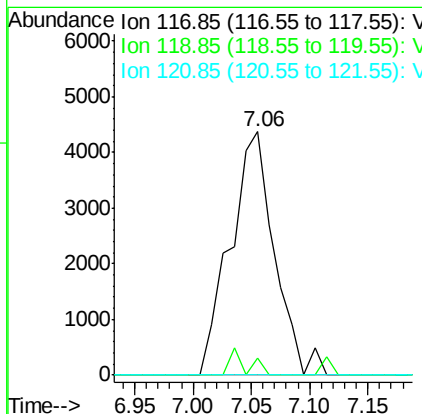
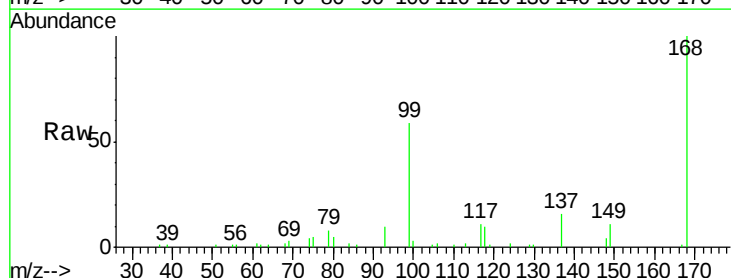
RT: 7.06 min Scan# 572

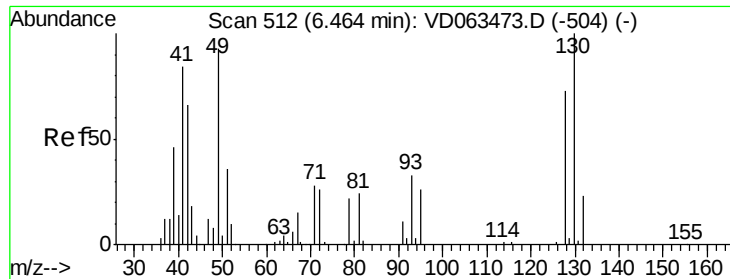
Delta R.T. -0.07 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

Tgt Ion:	117	Resp:	11521
Ion	Ratio	Lower	Upper
117	100		
119	6.9	74.2	111.2#
121	0.0	23.1	34.7#

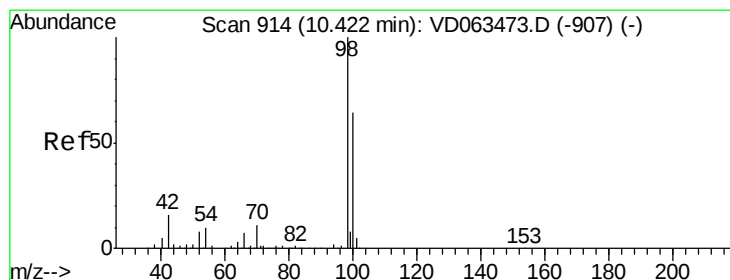
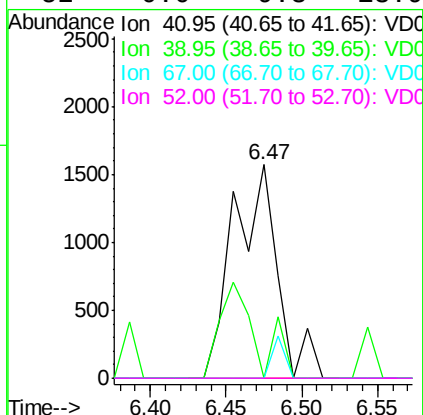
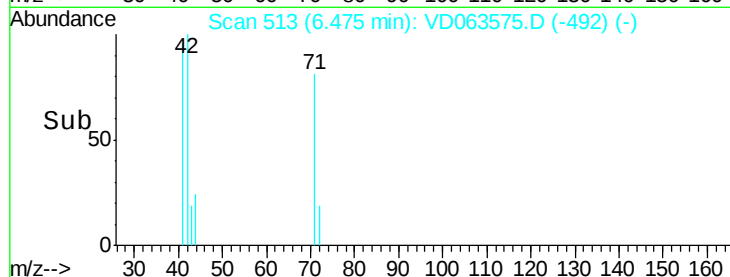
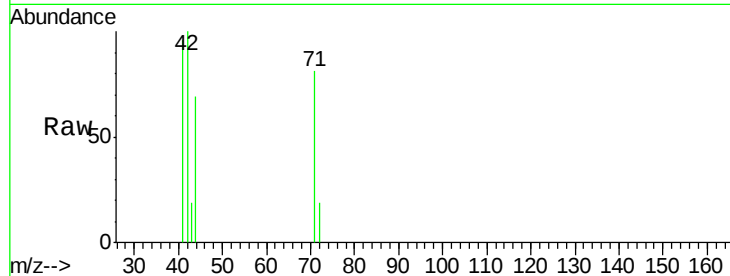




#41
Methacrylonitrile
Concen: 4.262 ug/l
RT: 6.47 min Scan# 513
Delta R.T. 0.01 min
Lab File: VD063575.D
Acq: 14 Aug 2019 15:49

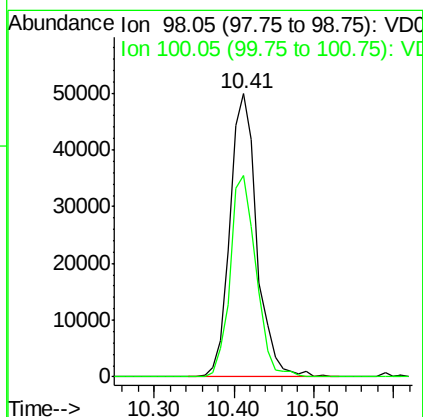
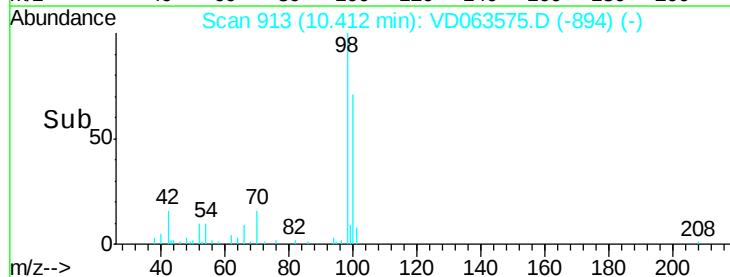
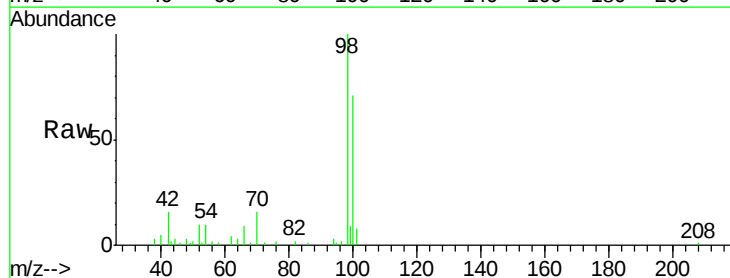
Instrument :
MSVOA_D
ClientSampleId :

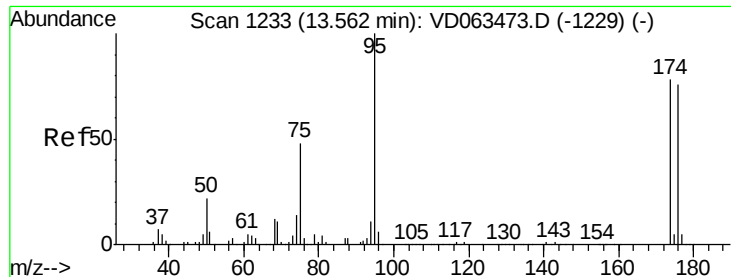
Tot Ion: 41 Resp: 3201
Ion Ratio Lower Upper
41 100
39 0.0 44.6 66.8#
67 0.0 14.4 21.6#
52 0.0 9.3 13.9#



#50
Toluene-d8
Concen: 39.643 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063575.D
Acq: 14 Aug 2019 15:49

Tgt Ion: 98 Resp: 118195
Ion Ratio Lower Upper
98 100
100 71.2 51.7 77.5

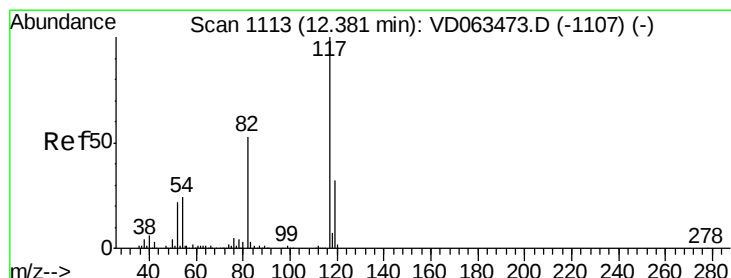
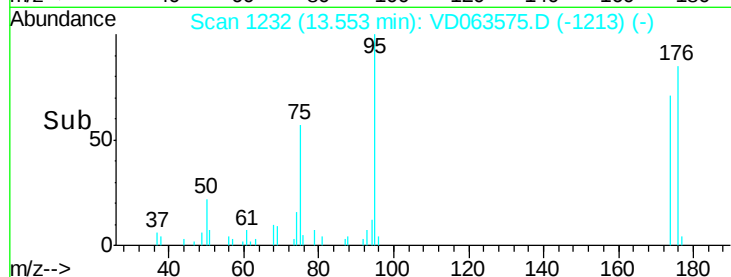
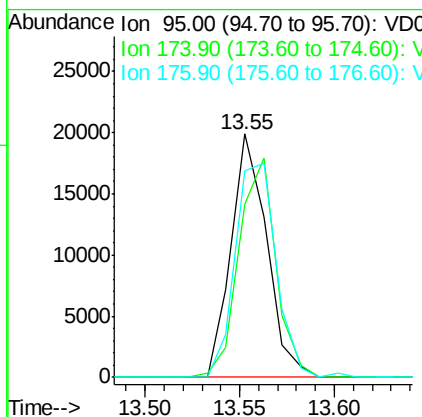
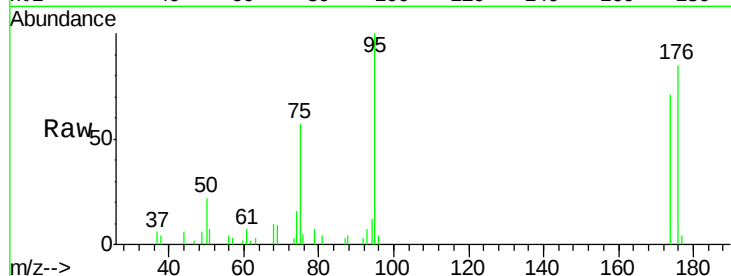




#62
4-Bromofluorobenzene
Concen: 19.106 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063575.D
Acq: 14 Aug 2019 15:49

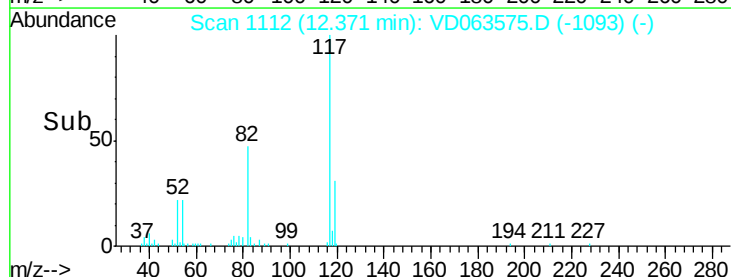
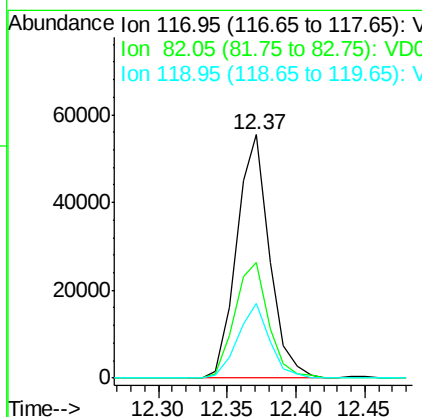
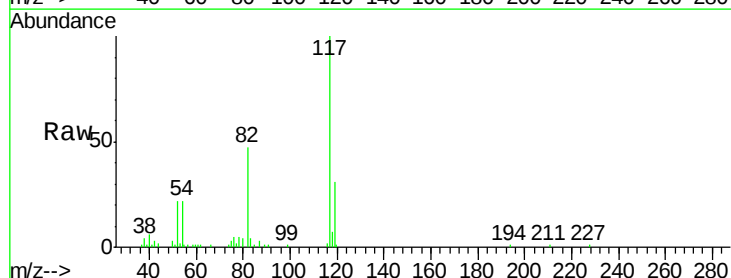
Instrument :
MSVOA_D
ClientSampled :

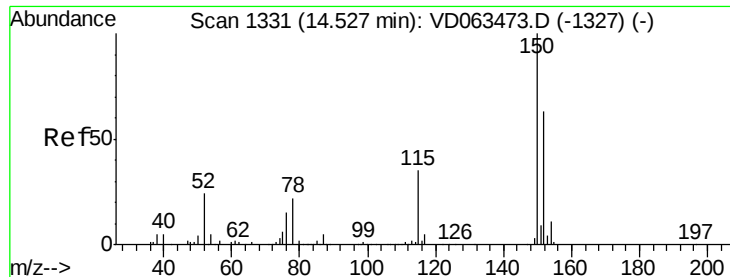
Tot Ion: 95 Resp: 25819
Ion Ratio Lower Upper
95 100
174 71.3 0.0 155.4
176 84.6 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063575.D
Acq: 14 Aug 2019 15:49

Tgt Ion: 117 Resp: 91618
Ion Ratio Lower Upper
117 100
82 47.4 42.0 63.0
119 30.7 25.4 38.0



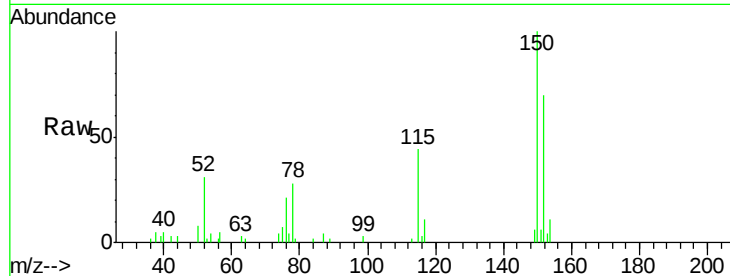


#72

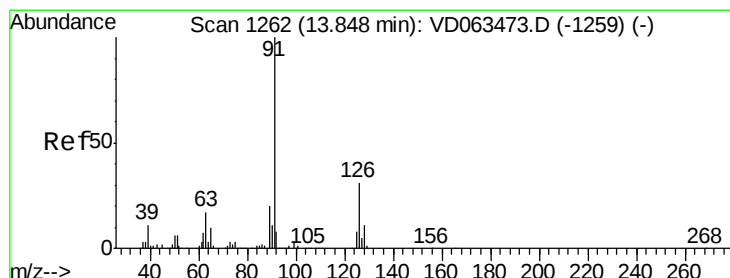
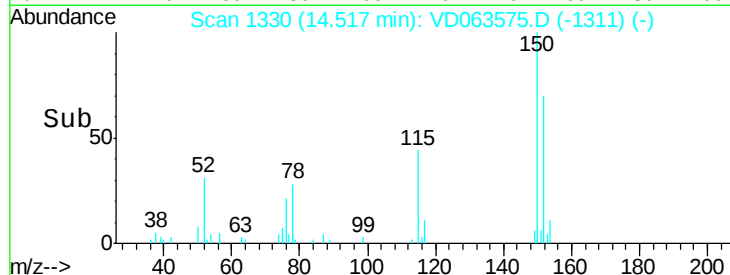
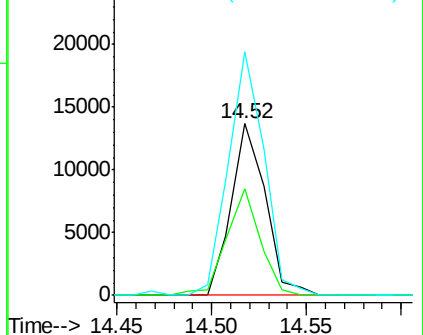
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063575.D
Acq: 14 Aug 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.1	30.9	92.7
150	142.0	0.0	318.6



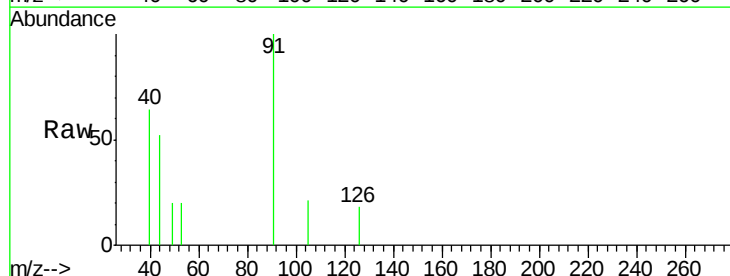
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



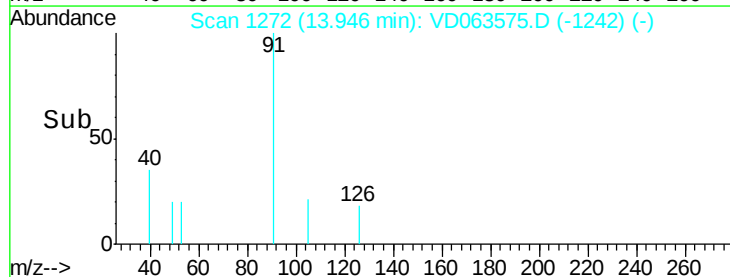
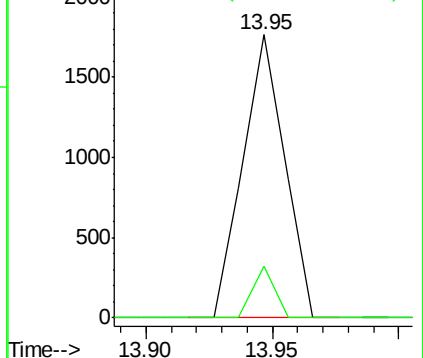
#79

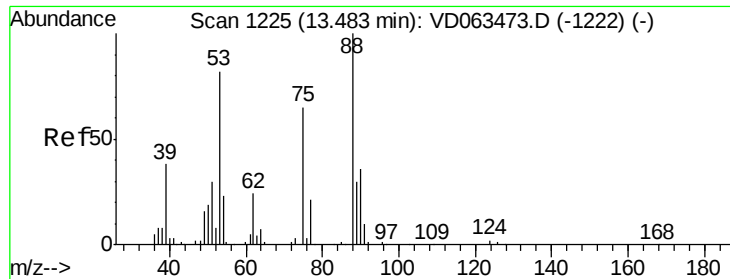
2-Chlorotoluene
Concen: 2.786 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. 0.10 min
Lab File: VD063575.D
Acq: 14 Aug 2019 15:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	18.2	15.6	46.7



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.95 (125.65 to 126.65): V

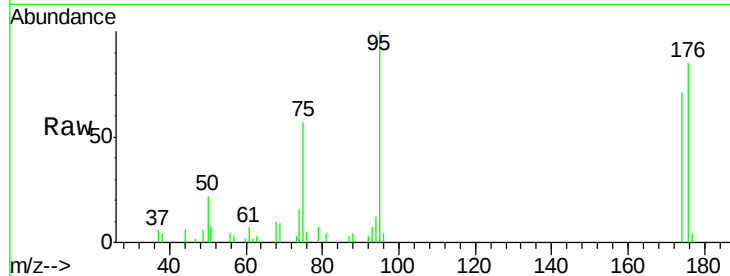




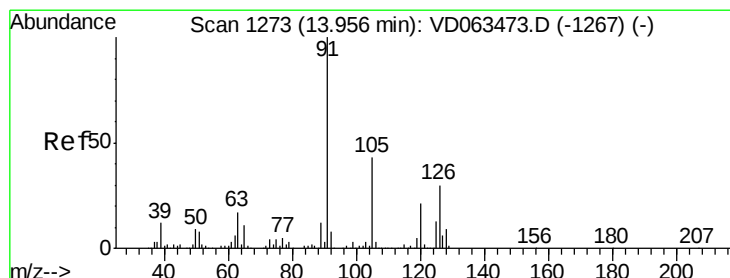
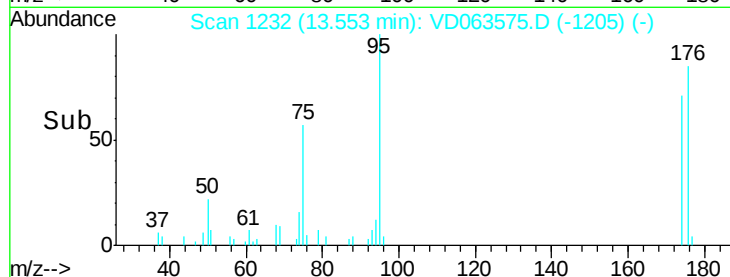
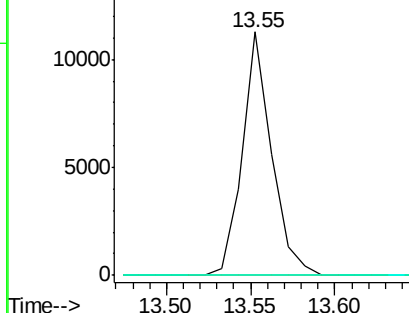
#81
trans-1,4-Dichloro-2-butene
Concen: 258.468 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD063575.D
Acq: 14 Aug 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 13537
Ion Ratio Lower Upper
75 100
53 0.0 101.0 151.4#
89 0.0 37.0 55.6#

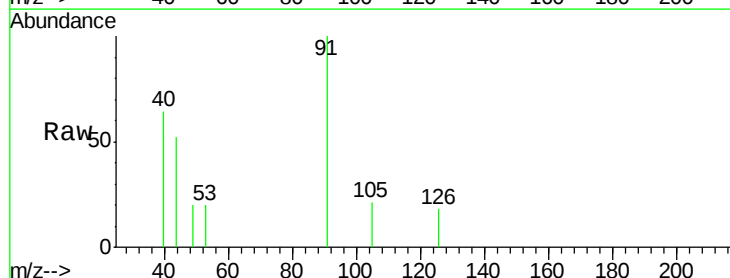


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

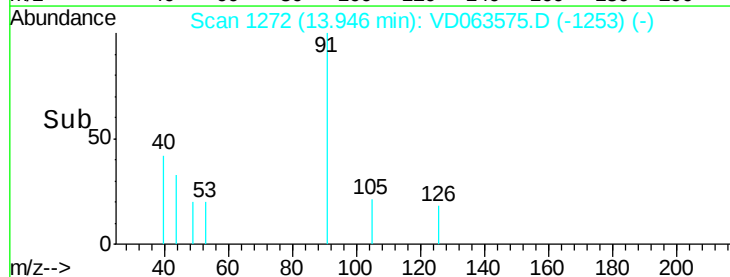
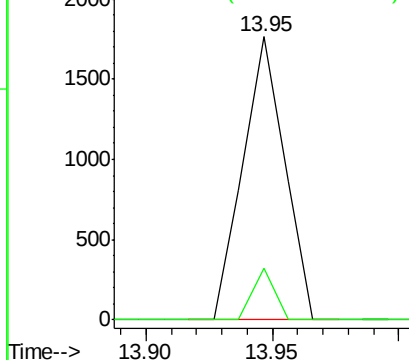


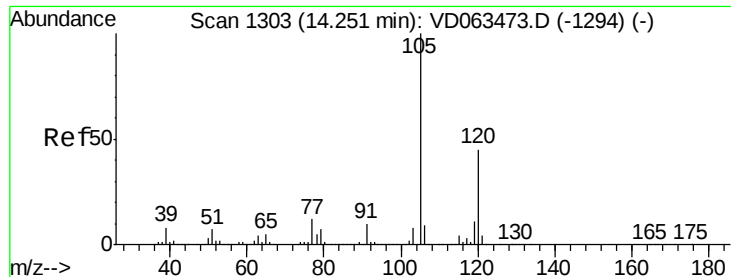
#82
4-Chlorotoluene
Concen: 2.317 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. -0.01 min
Lab File: VD063575.D
Acq: 14 Aug 2019 15:49

Tgt Ion: 91 Resp: 2030
Ion Ratio Lower Upper
91 100
126 18.2 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V

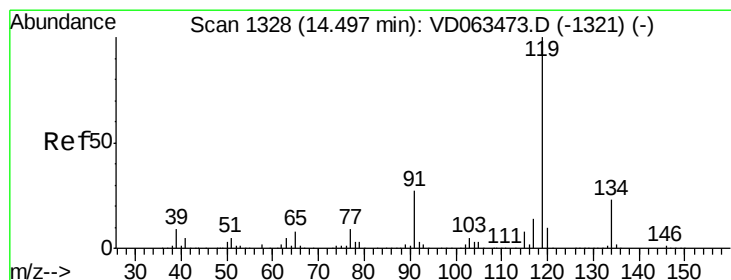
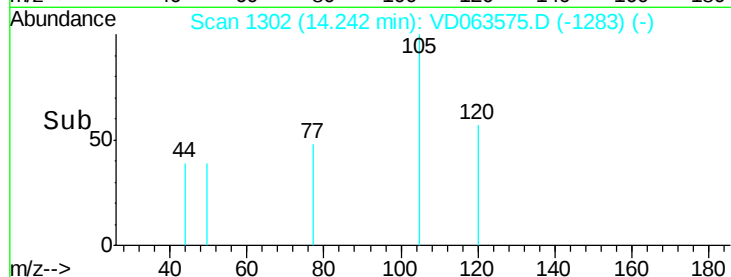
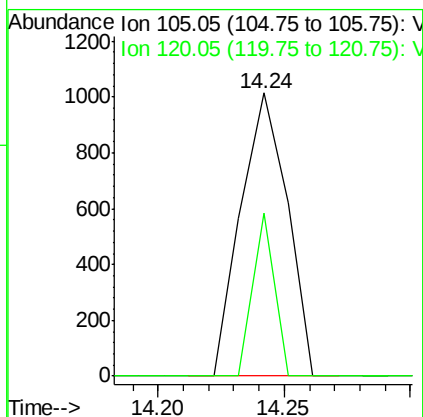
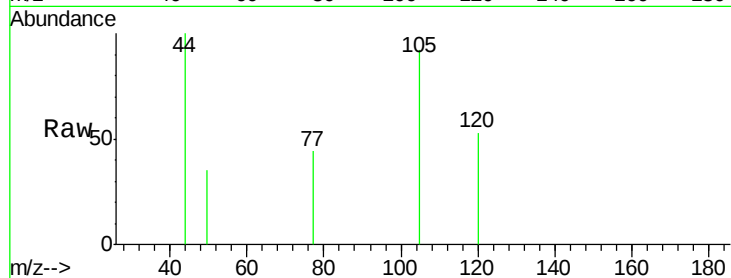




#84
1,2,4-Trimethylbenzene
Concen: 1.489 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. -0.01 min
Lab File: VD063575.D
Acq: 14 Aug 2019 15:49

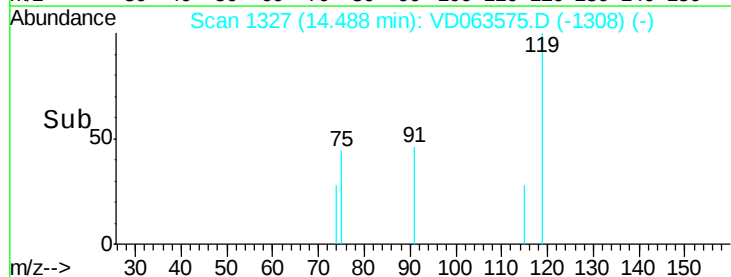
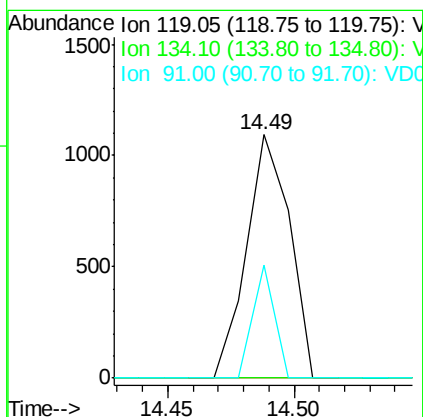
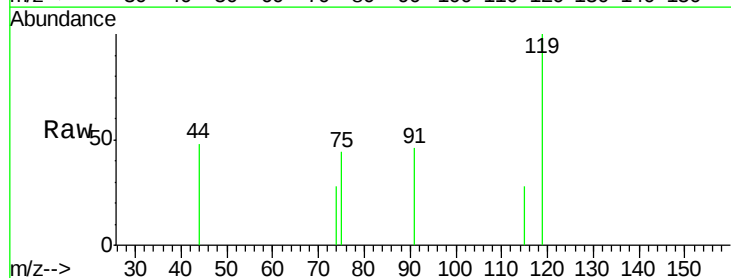
Instrument :
MSVOA_D
ClientSampleId :

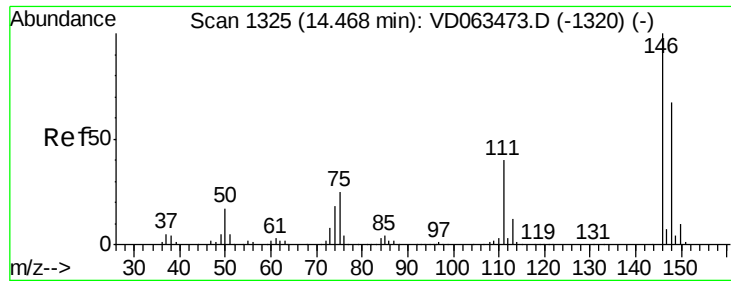
Tot Ion:105 Resp: 1300
Ion Ratio Lower Upper
105 100
120 57.5 22.7 68.1



#86
p-Isopropyltoluene
Concen: 1.287 ug/l
RT: 14.49 min Scan# 1327
Delta R.T. -0.01 min
Lab File: VD063575.D
Acq: 14 Aug 2019 15:49

Tgt Ion:119 Resp: 1299
Ion Ratio Lower Upper
119 100
134 0.0 11.3 33.8#
91 46.4 13.5 40.4#

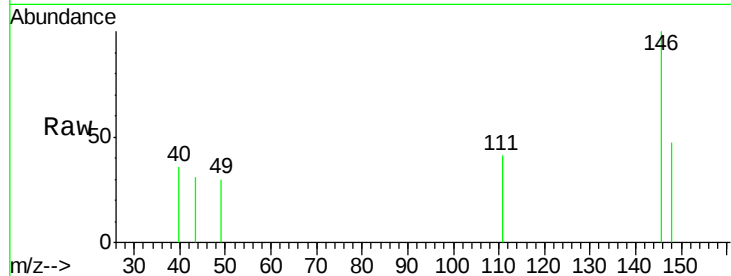




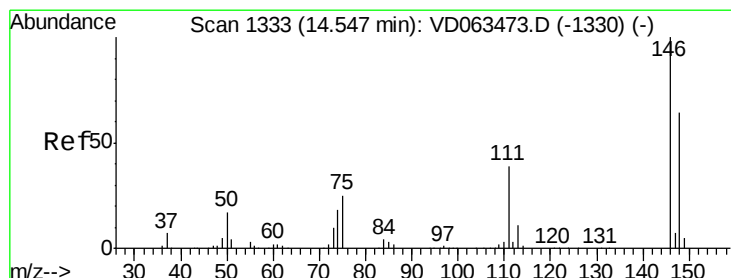
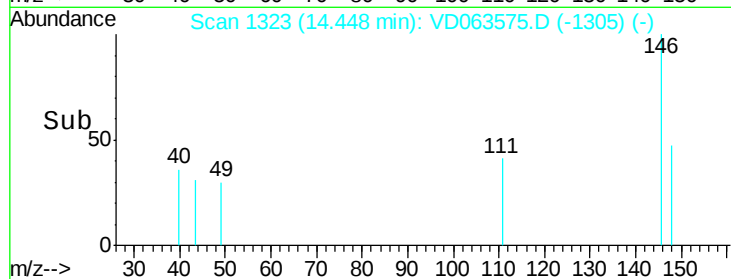
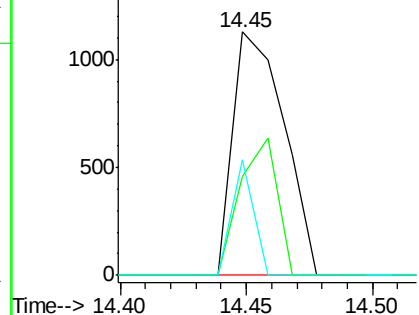
#87
 1,3-Dichlorobenzene
 Concen: 2.969 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: VD063575.D
 Acq: 14 Aug 2019 15:49

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:146 Resp: 1585
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 60.0
 148 47.3 33.6 100.6

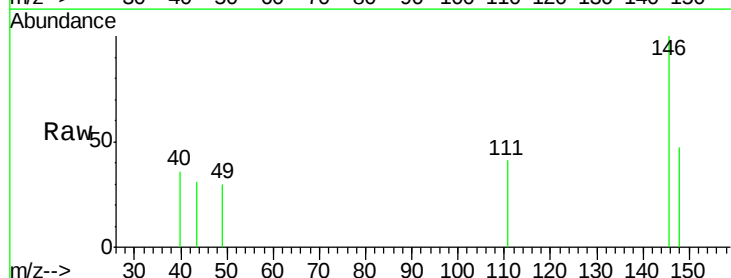


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

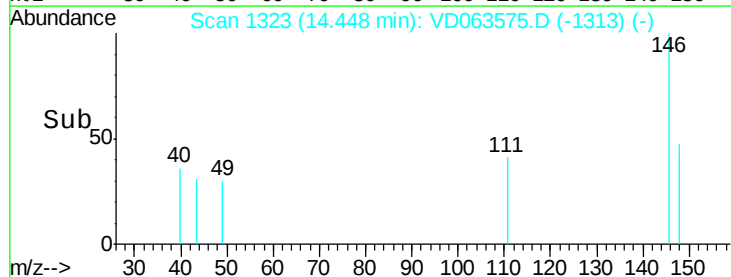
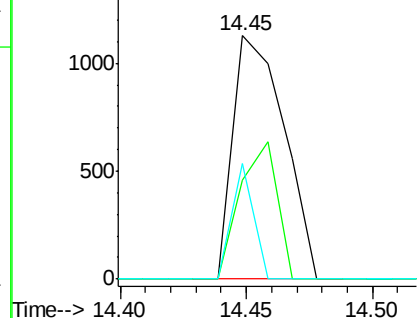


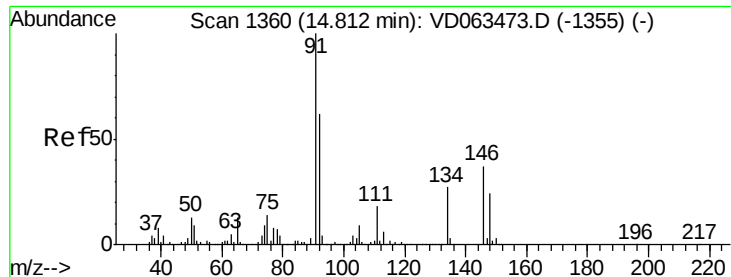
#88
 1,4-Dichlorobenzene
 Concen: 3.094 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.10 min
 Lab File: VD063575.D
 Acq: 14 Aug 2019 15:49

Tgt Ion:146 Resp: 1585
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.7 59.0
 148 47.3 32.1 96.3



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 1.230 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. -0.02 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

Instrument :

MSVOA_D

ClientSampleId :

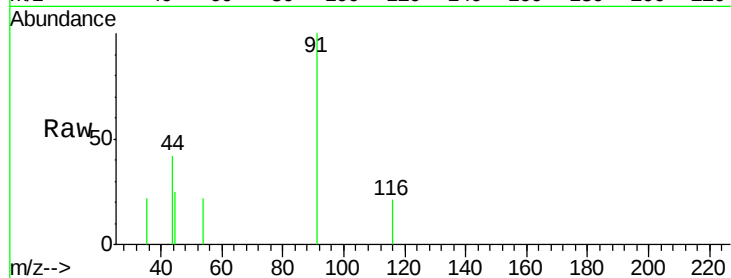
Tot Ion: 91 Resp: 1133

Ion Ratio Lower Upper

91 100

92 0.0 30.8 92.3#

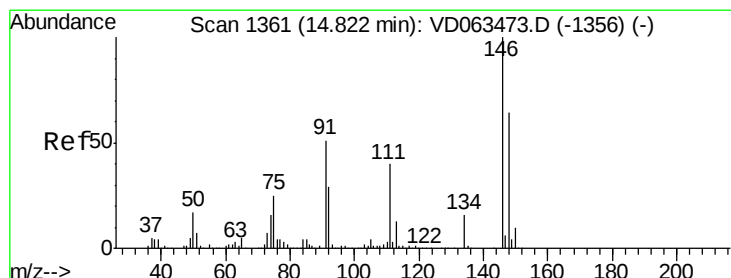
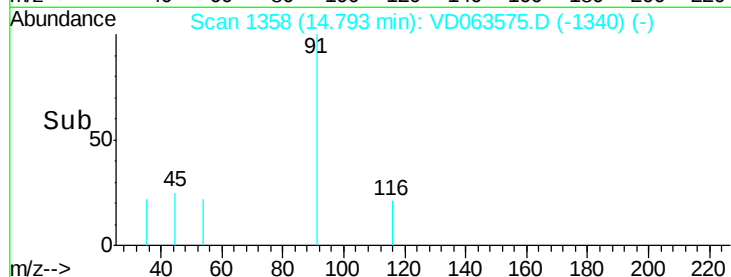
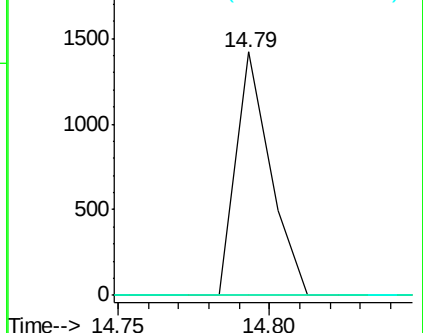
134 0.0 13.4 40.2#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



#91

1,2-Dichlorobenzene

Concen: 2.791 ug/l

RT: 14.81 min Scan# 1360

Delta R.T. -0.01 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

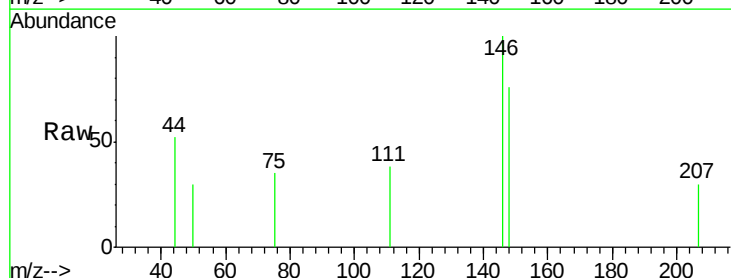
Tgt Ion: 146 Resp: 1264

Ion Ratio Lower Upper

146 100

111 37.9 20.2 60.6

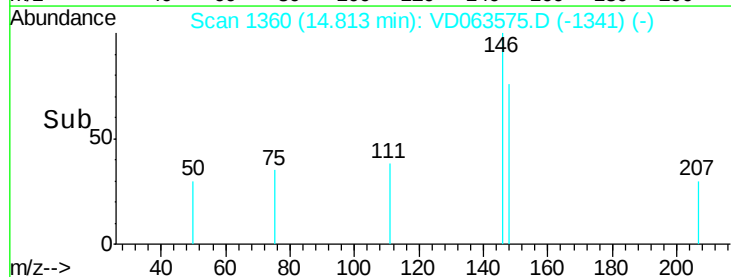
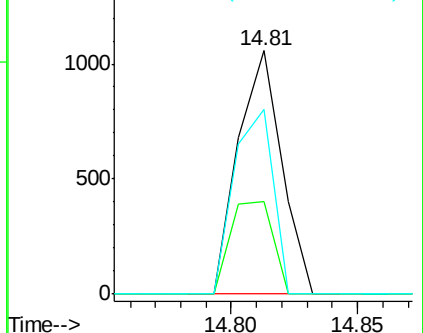
148 76.0 32.1 96.5

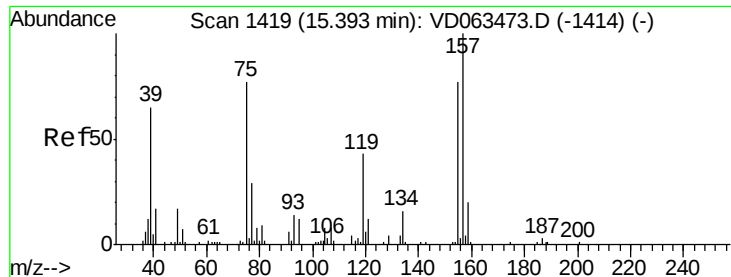


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 9.036 ug/l

RT: 15.38 min Scan# 1418

Delta R.T. -0.01 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

Instrument :

MSVOA_D

ClientSampleId :

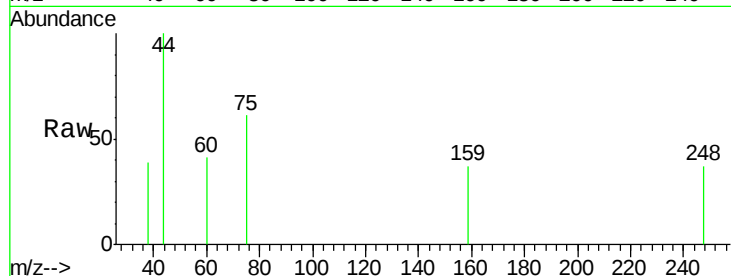
Tot Ion: 75 Resp: 305

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

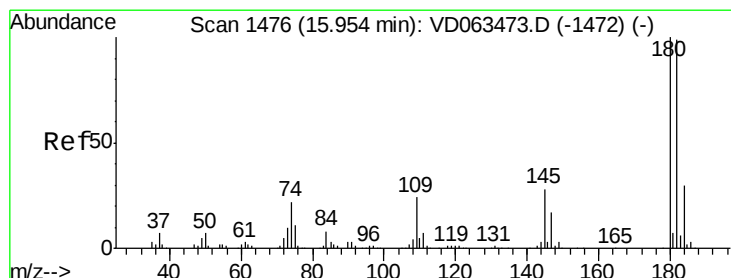
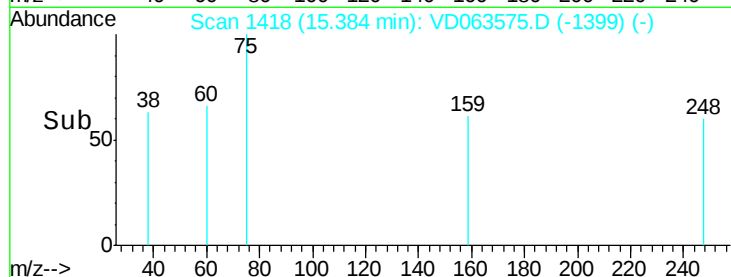
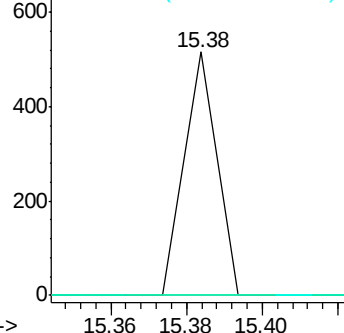
157 0.0 65.0 195.1#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V



#93

1,2,4-Trichlorobenzene

Concen: 5.299 ug/l

RT: 15.94 min Scan# 1475

Delta R.T. -0.01 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

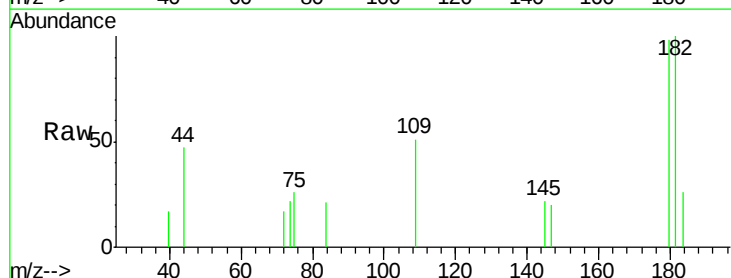
Tgt Ion: 180 Resp: 1766

Ion Ratio Lower Upper

180 100

182 102.4 49.7 149.1

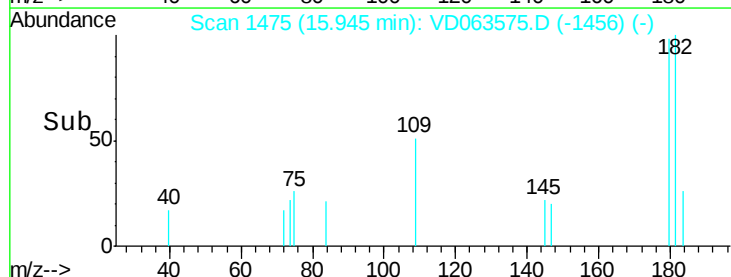
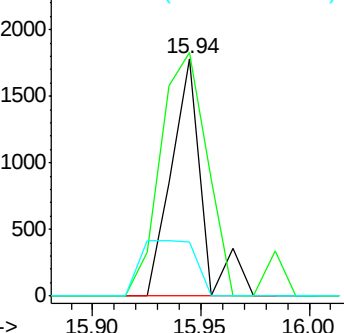
145 22.9 14.1 42.2

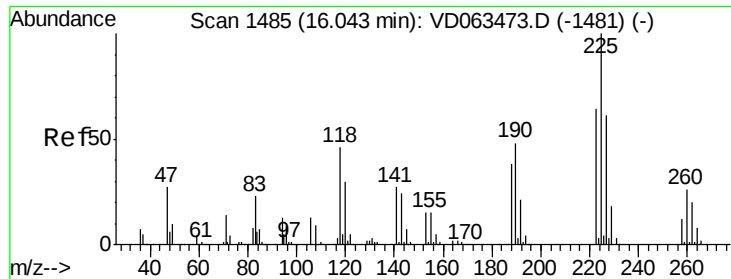


Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V





#94

Hexachlorobutadiene

Concen: 3.362 ug/l

RT: 16.05 min Scan# 1486

Delta R.T. 0.01 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

Instrument :

MSVOA_D

ClientSampled :

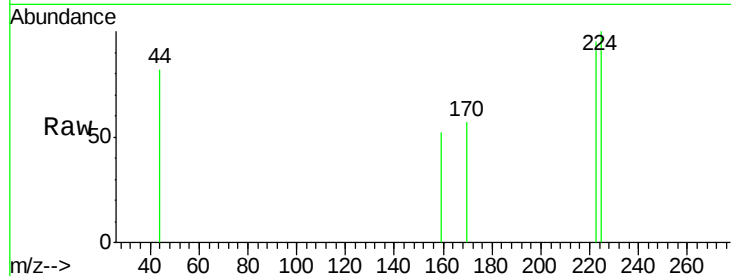
Tot Ion:225 Resp: 854

Ion Ratio Lower Upper

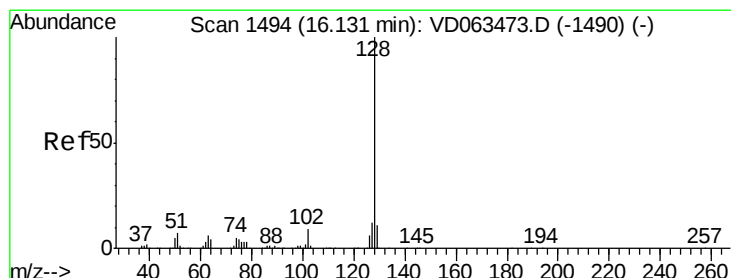
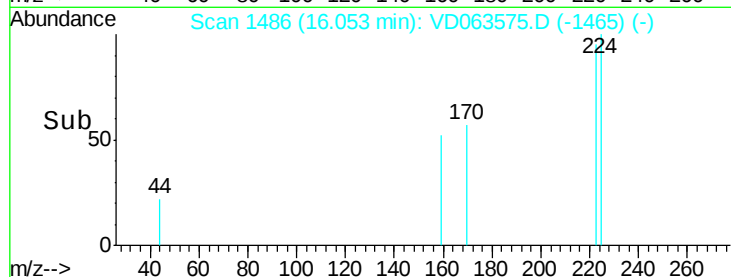
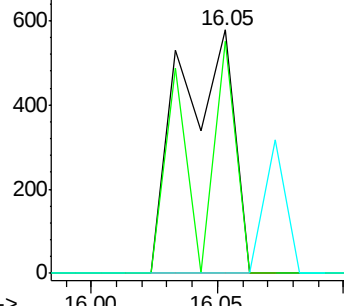
225 100

223 95.2 31.9 95.5

227 0.0 30.7 92.1#



Abundance Ion 224.75 (224.45 to 225.45): V
Ion 222.75 (222.45 to 223.45): V
Ion 226.75 (226.45 to 227.45): V



#95

Naphthalene

Concen: 12.730 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VD063575.D

Acq: 14 Aug 2019 15:49

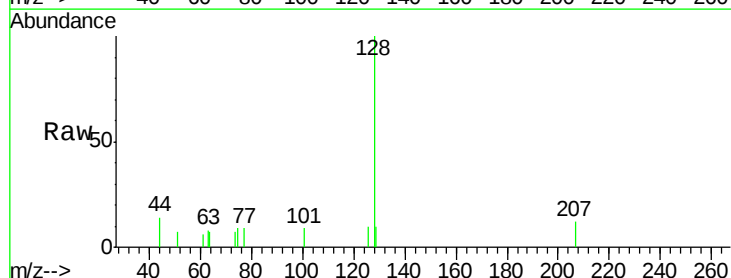
Tgt Ion:128 Resp: 6430

Ion Ratio Lower Upper

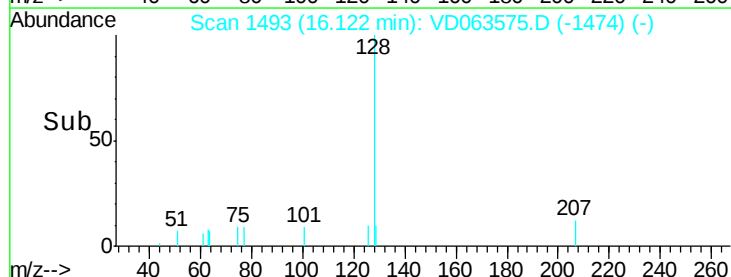
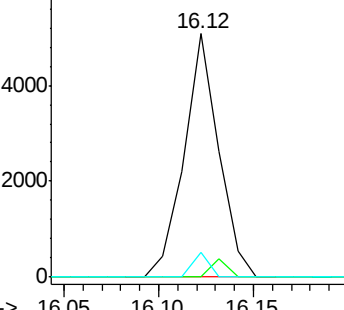
128 100

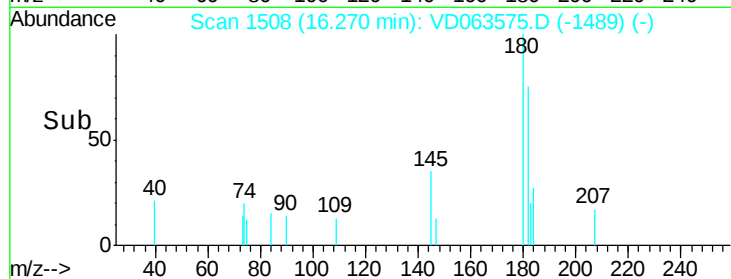
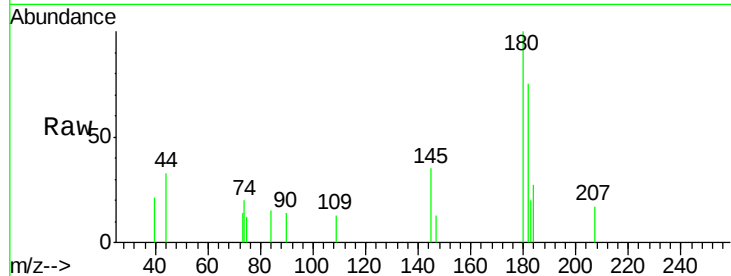
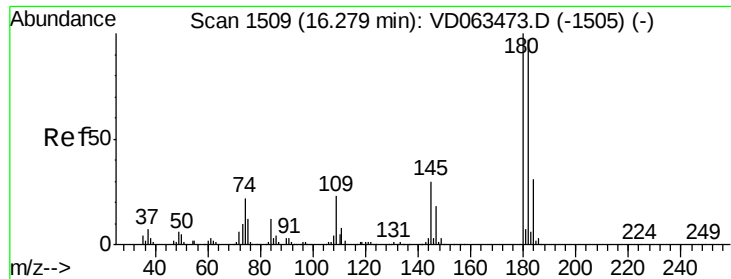
127 0.0 9.4 14.0#

129 10.3 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 11.140 ug/l
 RT: 16.27 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: VD063575.D
 Acq: 14 Aug 2019 15:49

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	75.3	48.4	145.2
145	34.9	14.9	44.9

