

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062569.D
 Acq On : 31 May 2019 17:41
 Operator : VA/AP
 Sample : K3097-09RE
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190429-HR-9RE

Quant Time: May 31 23:27:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	10341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	14283	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	11892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	4899	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	7332	60.47	ug/l	0.00
Spiked Amount			Recovery	=	120.94%	
35) Dibromofluoromethane	6.93	113	5591	42.96	ug/l	0.00
Spiked Amount			Recovery	=	85.92%	
50) Toluene-d8	10.43	98	11151	39.10	ug/l	0.00
Spiked Amount			Recovery	=	78.20%	
62) 4-Bromofluorobenzene	13.57	95	5364	41.71	ug/l	0.00
Spiked Amount			Recovery	=	83.42%	

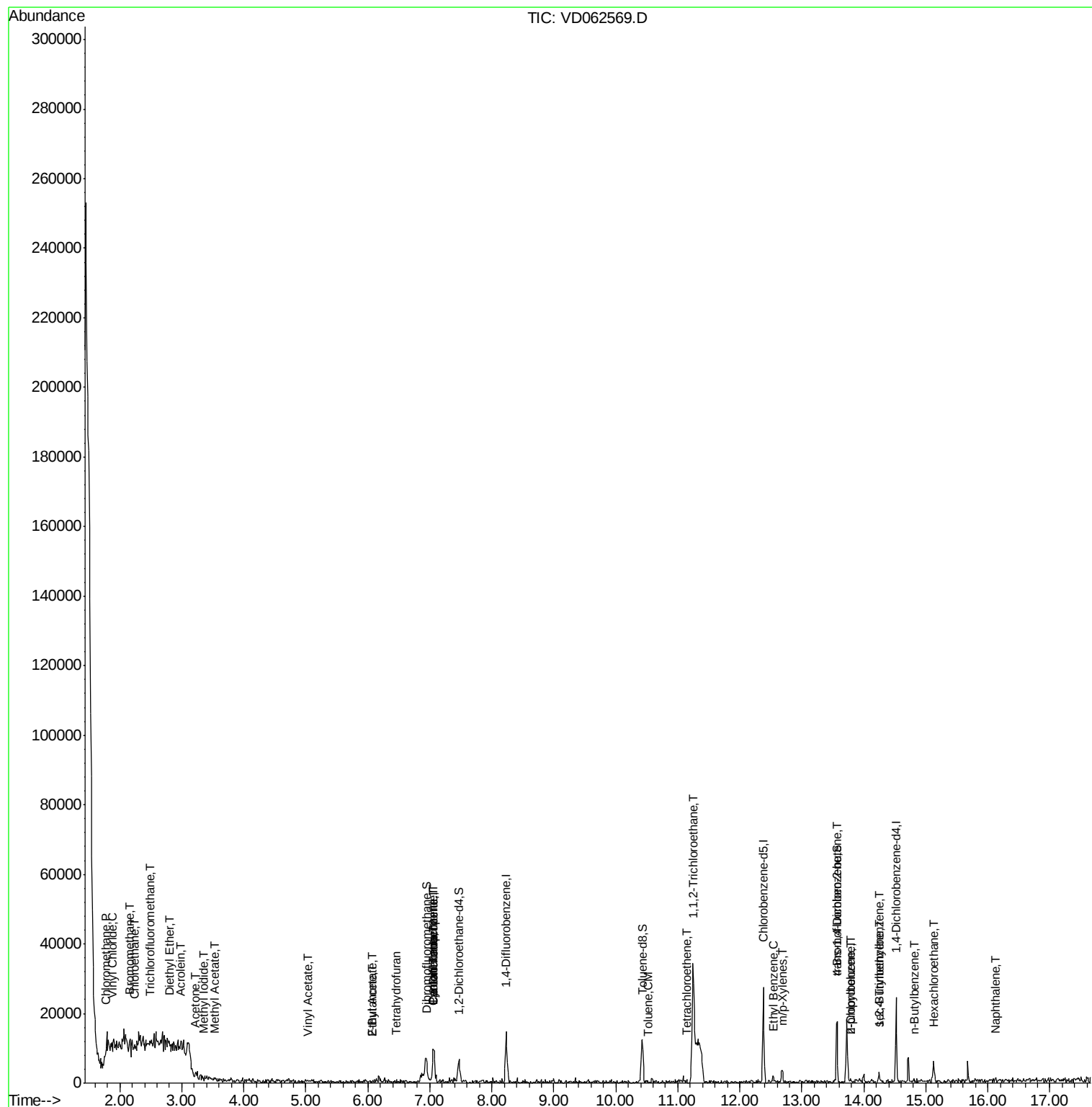
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.76	50	1994	14.539	ug/l #	43
4) Vinyl Chloride	1.88	62	178	1.943	ug/l #	42
5) Bromomethane	2.18	94	835	28.066	ug/l #	12
6) Chloroethane	2.25	64	193	4.492	ug/l #	45
7) Trichlorofluoromethane	2.48	101	239	1.234	ug/l #	16
8) Diethyl Ether	2.81	74	185	7.449	ug/l #	1
10) Methyl Iodide	3.35	142	898	6.922	ug/l #	27
13) Acrolein	2.99	56	337	149.552	ug/l #	82
16) Acetone	3.22	43	3116	130.796	ug/l #	60
18) Methyl Acetate	3.54	43	287	7.381	ug/l #	63
23) Vinyl Acetate	5.04	43	367	2.345	ug/l #	80
25) 2-Butanone	6.09	43	380	16.936	ug/l #	62
29) Tetrahydrofuran	6.46	42	203	20.198	ug/l #	33
31) Cyclohexane	7.07	56	198	1.758	ug/l #	18
36) 1,1-Dichloropropene	7.05	75	647	4.550	ug/l #	35
37) Ethyl Acetate	6.09	43	380	6.339	ug/l #	72
38) Carbon Tetrachloride	7.07	117	572	2.702	ug/l #	15
52) Toluene	10.52	92	193	1.014	ug/l #	1
55) 1,1,2-Trichloroethane	11.25	97	1148	18.370	ug/l #	16
64) Tetrachloroethene	11.15	164	245	2.331	ug/l #	1
67) Ethyl Benzene	12.54	91	1218	2.870	ug/l #	47
68) m/p-Xylenes	12.68	106	1308	8.908	ug/l #	62
78) n-propylbenzene	13.78	91	528	1.418	ug/l #	57
79) 2-Chlorotoluene	13.78	91	528	2.446	ug/l #	41
81) trans-1,4-Dichloro-2-buten	13.56	75	3062	181.816	ug/l #	5
84) 1,2,4-Trimethylbenzene	14.25	105	2477	8.808	ug/l	90
85) sec-Butylbenzene	14.25	105	2477	7.593	ug/l #	60
89) n-Butylbenzene	14.81	91	363	1.334	ug/l #	30
90) Hexachloroethane	15.14	117	1334	16.498	ug/l #	6
95) Naphthalene	16.13	128	640	4.551	ug/l #	71

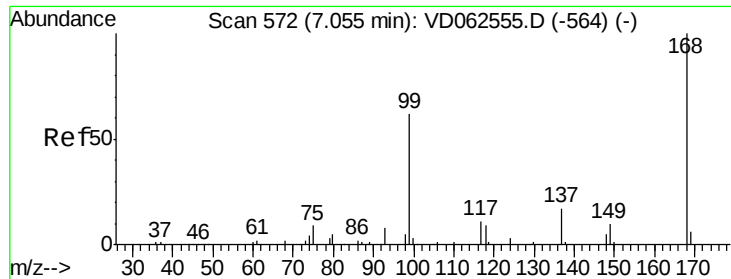
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD053119\
Data File : VD062569.D
Acq On : 31 May 2019 17:41
Operator : VA/AP
Sample : K3097-09RE
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20190429-HR-9RE

Quant Time: May 31 23:27:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

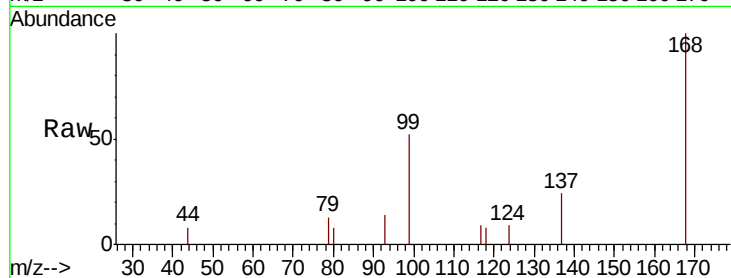
20190429-HR-9RE

Tot Ion:168 Resp: 10341

Ion Ratio Lower Upper

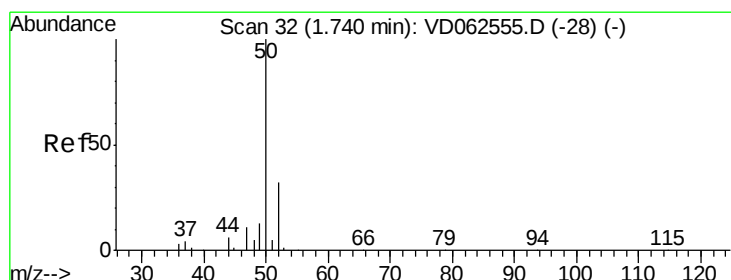
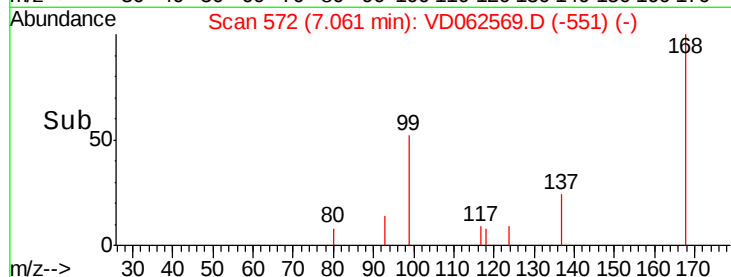
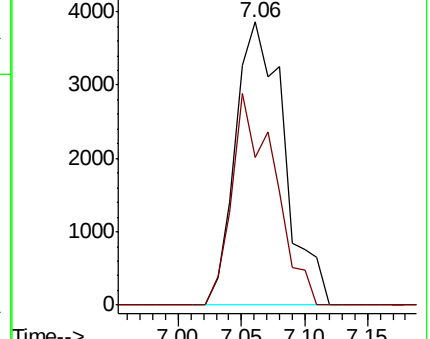
168 100

99 52.0 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 14.539 ug/l

RT: 1.76 min Scan# 34

Delta R.T. 0.03 min

Lab File: VD062569.D

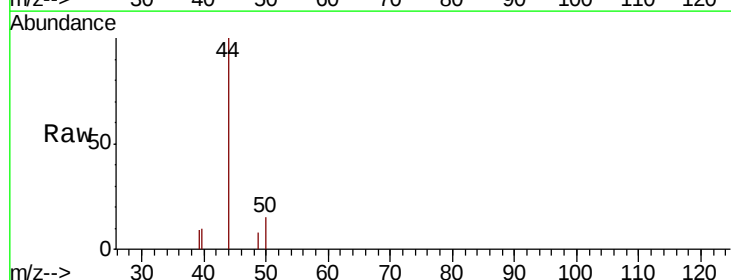
Acq: 31 May 2019 17:41

Tgt Ion: 50 Resp: 1994

Ion Ratio Lower Upper

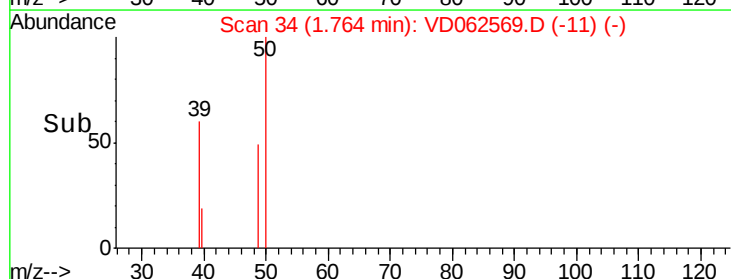
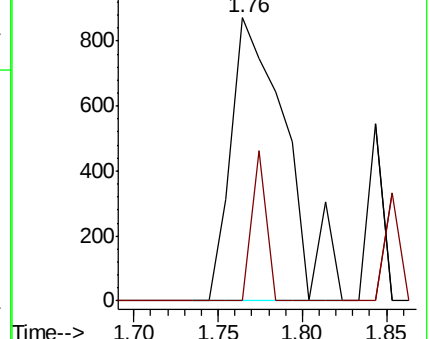
50 100

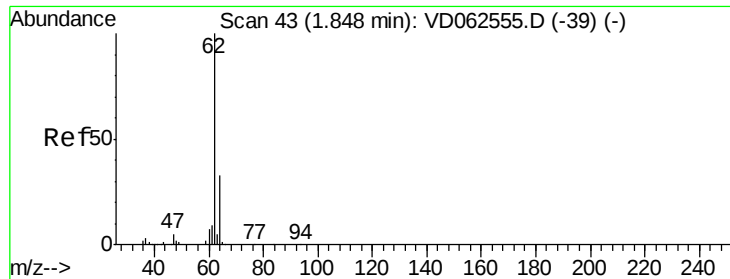
52 0.0 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#4

Vinyl Chloride

Concen: 1.943 ug/l

RT: 1.88 min Scan# 46

Delta R.T. 0.03 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

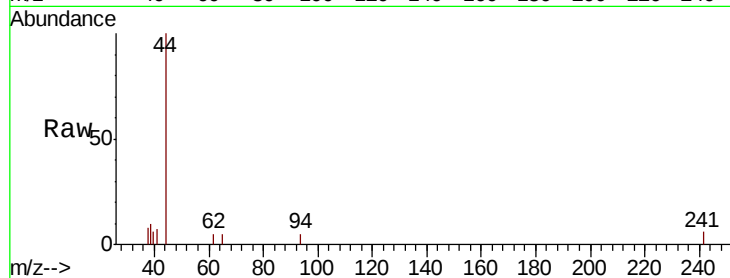
20190429-HR-9RE

Tot Ion: 62 Resp: 178

Ion Ratio Lower Upper

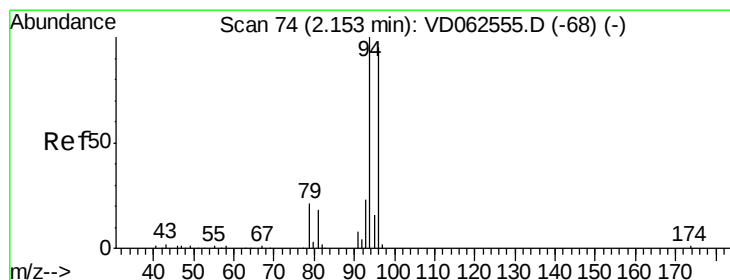
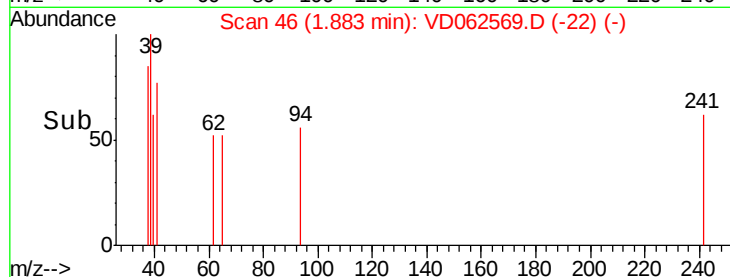
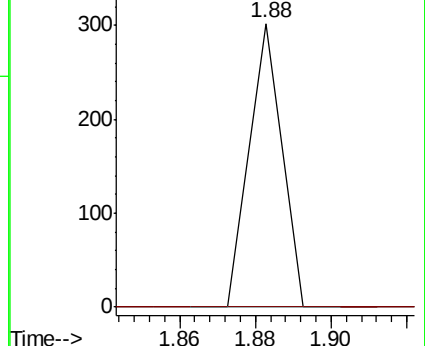
62 100

64 0.0 26.5 39.7#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC



#5

Bromomethane

Concen: 28.066 ug/l

RT: 2.18 min Scan# 76

Delta R.T. 0.02 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

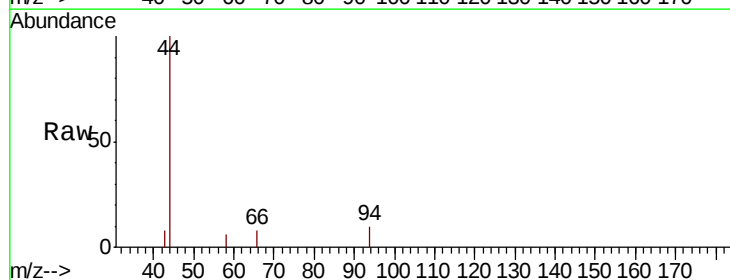
Tgt Ion: 94 Resp: 835

Ion Ratio Lower Upper

94 100

96 0.0 76.2 114.4#

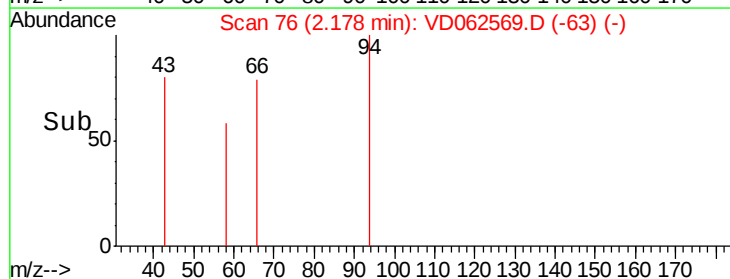
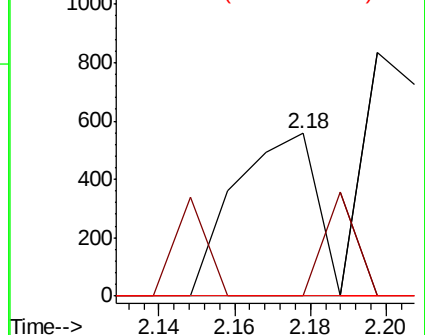
93 0.0 18.4 27.6#

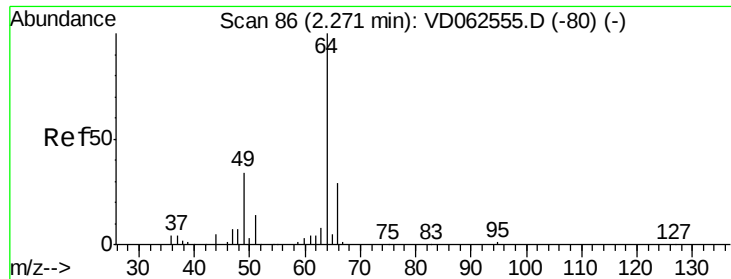


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#6

Chloroethane

Concen: 4.492 ug/l

RT: 2.25 min Scan# 83

Delta R.T. -0.02 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

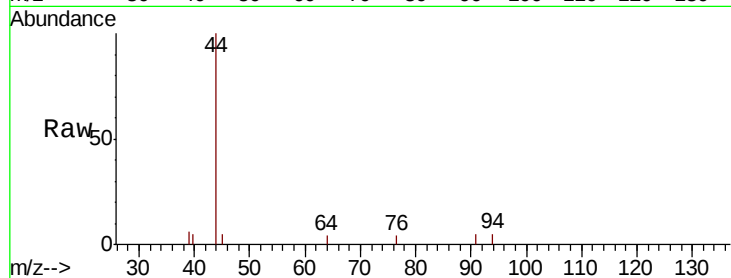
20190429-HR-9RE

Tot Ion: 64 Resp: 193

Ion Ratio Lower Upper

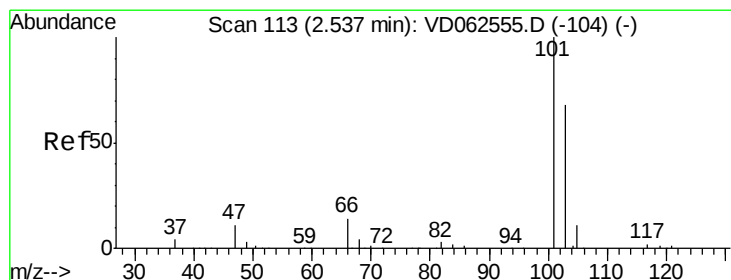
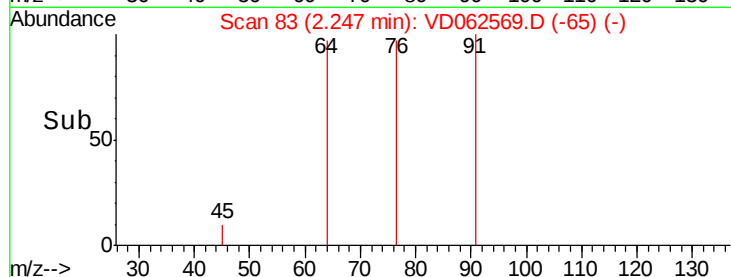
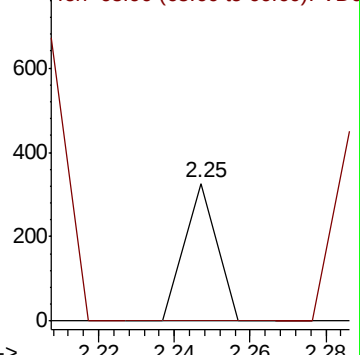
64 100

66 0.0 23.4 35.2#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



#7

Trichlorofluoromethane

Concen: 1.234 ug/l

RT: 2.48 min Scan# 107

Delta R.T. -0.05 min

Lab File: VD062569.D

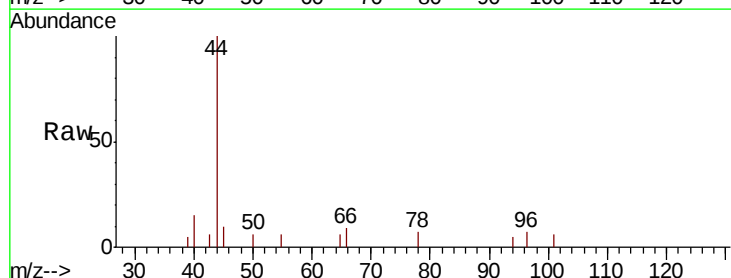
Acq: 31 May 2019 17:41

Tgt Ion: 101 Resp: 239

Ion Ratio Lower Upper

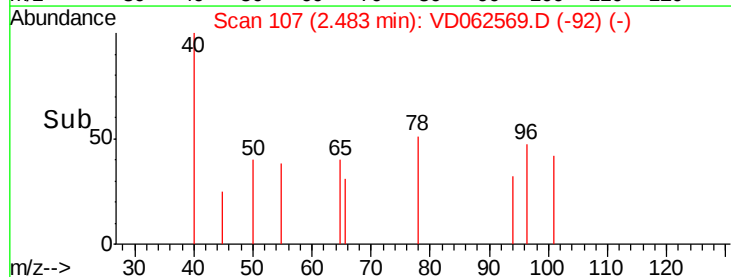
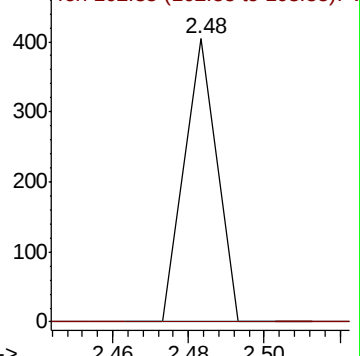
101 100

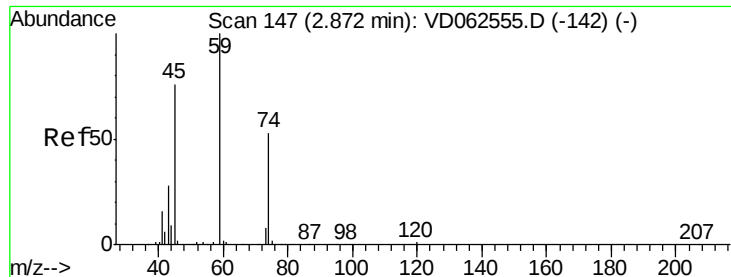
103 0.0 54.3 81.5#



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V





#8

Diethyl Ether

Concen: 7.449 ug/l

RT: 2.81 min Scan# 140

Delta R.T. -0.06 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

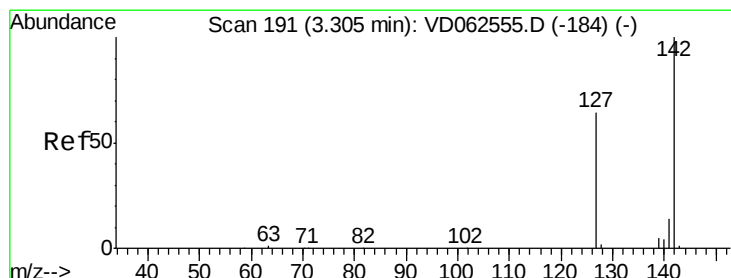
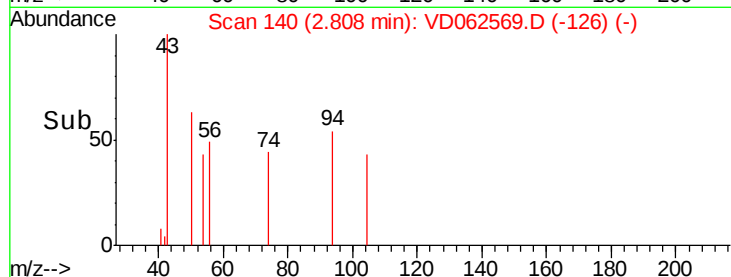
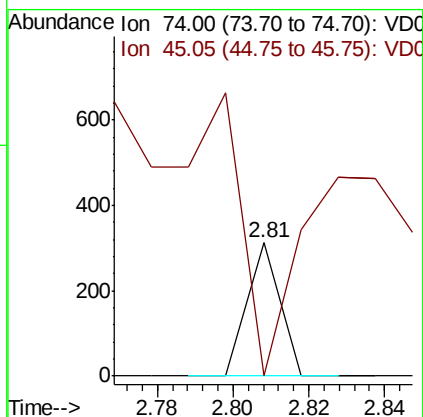
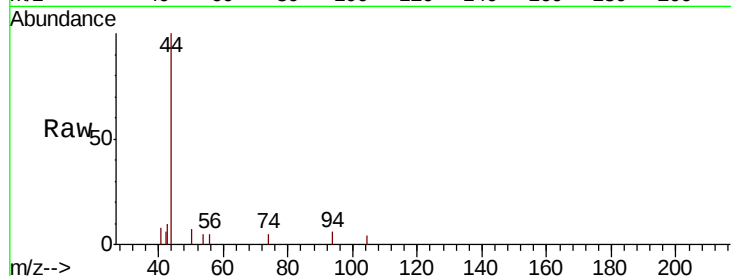
20190429-HR-9RE

Tot Ion: 74 Resp: 185

Ion Ratio Lower Upper

74 100

45 0.0 71.9 215.7#



#10

Methyl Iodide

Concen: 6.922 ug/l

RT: 3.35 min Scan# 195

Delta R.T. 0.04 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

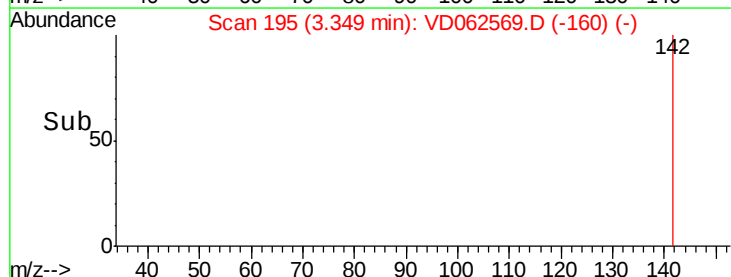
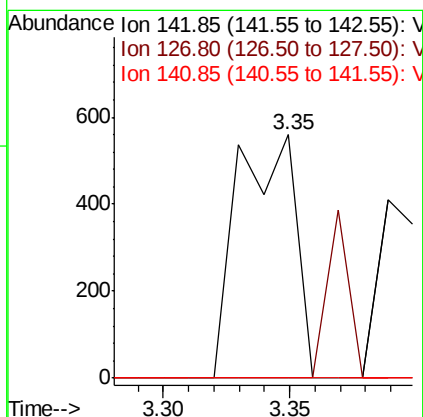
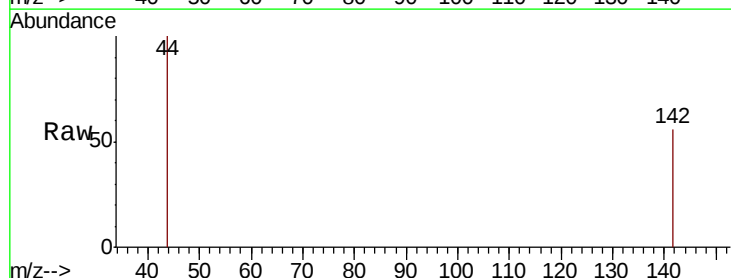
Tgt Ion: 142 Resp: 898

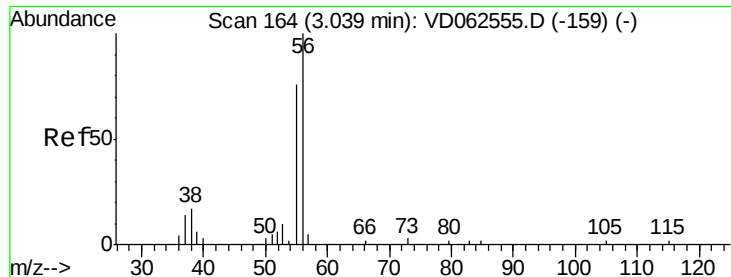
Ion Ratio Lower Upper

142 100

127 0.0 51.2 76.8#

141 0.0 11.0 16.4#





#13

Acrolein

Concen: 149.552 ug/l

RT: 2.99 min Scan# 158

Delta R.T. -0.05 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

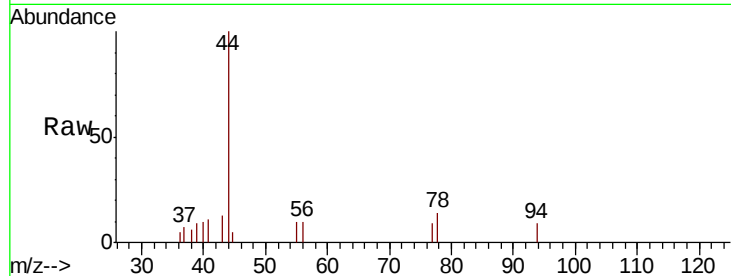
20190429-HR-9RE

Tot Ion: 56 Resp: 337

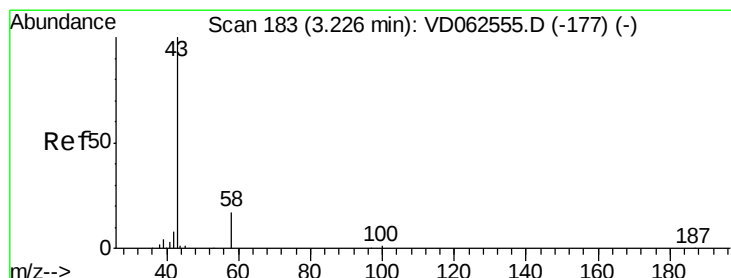
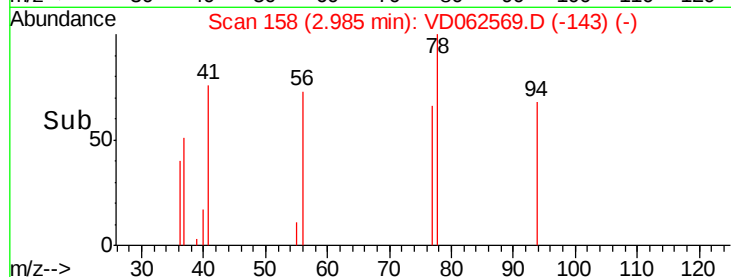
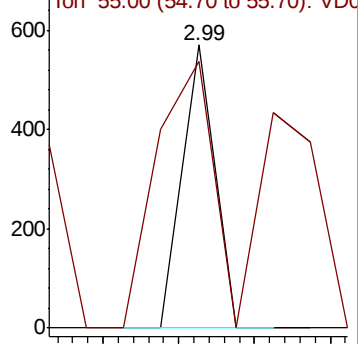
Ion Ratio Lower Upper

56 100

55 94.2 62.6 93.8#



Abundance Ion 55.95 (55.65 to 56.65): VDC



#16

Acetone

Concen: 130.796 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD062569.D

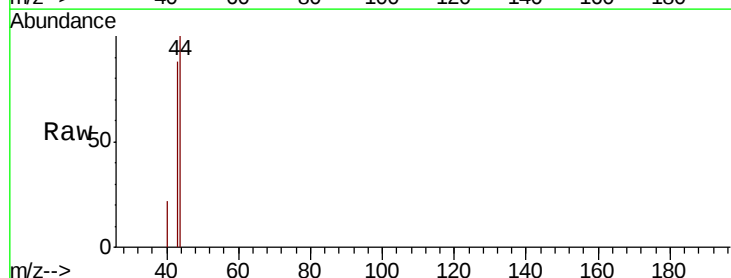
Acq: 31 May 2019 17:41

Tgt Ion: 43 Resp: 3116

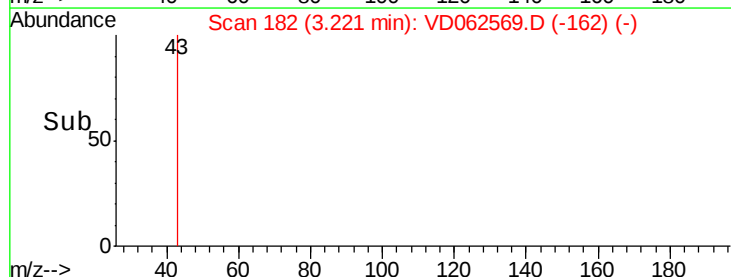
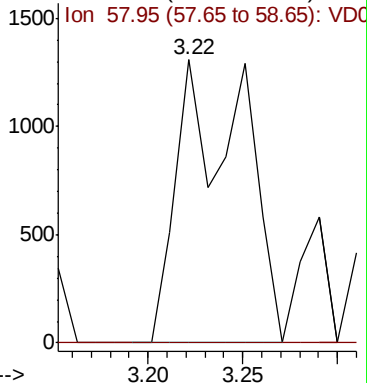
Ion Ratio Lower Upper

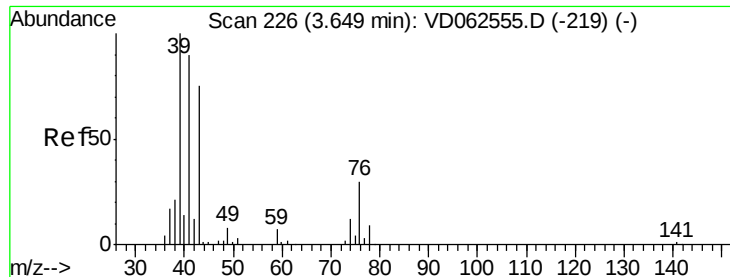
43 100

58 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

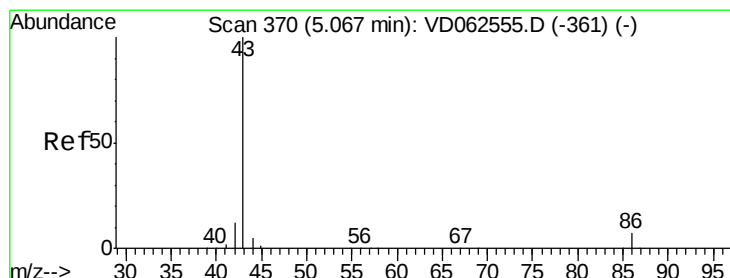
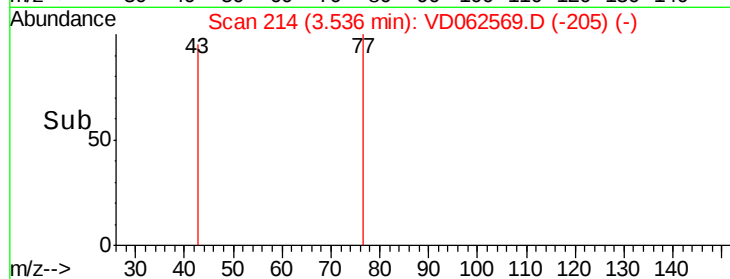
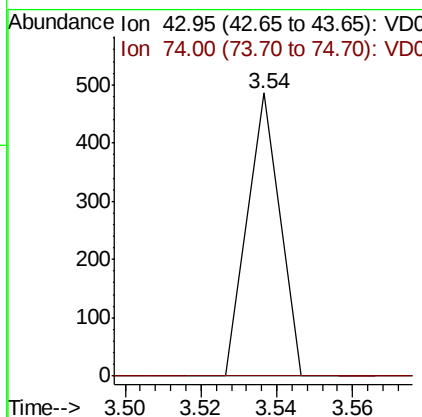
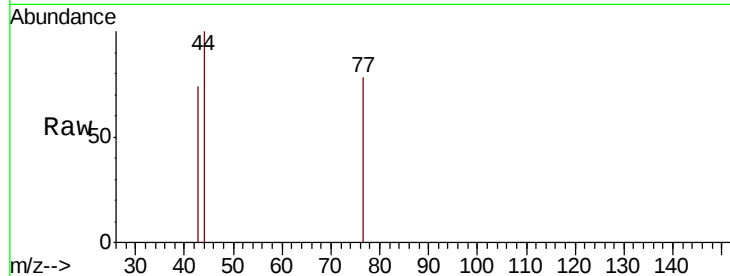




#18
Methvl Acetate
Concen: 7.381 ug/l
RT: 3.54 min Scan# 214
Delta R.T. -0.11 min
Lab File: VD062569.D
Acq: 31 May 2019 17:41

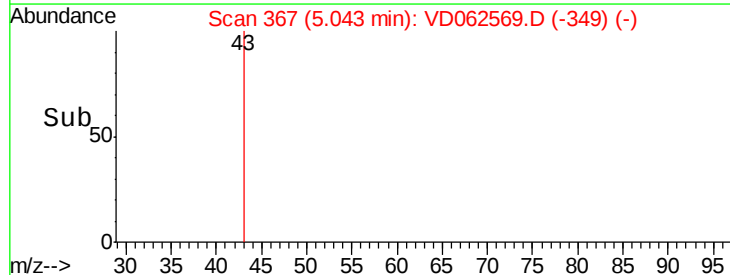
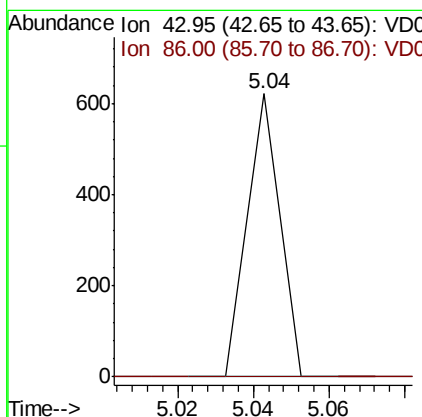
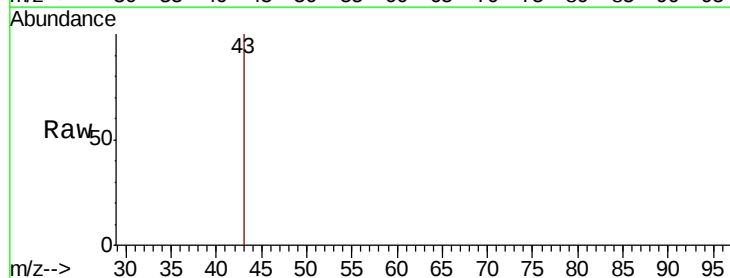
Instrument :
MSVOA_D
ClientSampleId :
20190429-HR-9RE

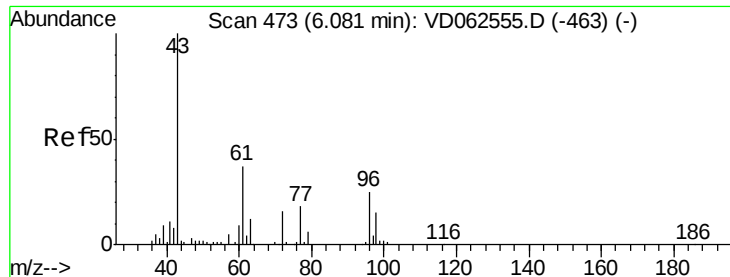
Tot Ion: 43 Resp: 287
Ion Ratio Lower Upper
43 100
74 0.0 12.5 18.7#



#23
Vinyl Acetate
Concen: 2.345 ug/l
RT: 5.04 min Scan# 367
Delta R.T. -0.02 min
Lab File: VD062569.D
Acq: 31 May 2019 17:41

Tgt Ion: 43 Resp: 367
Ion Ratio Lower Upper
43 100
86 0.0 5.5 8.3#





#25

2-Butanone

Concen: 16.936 ug/l

RT: 6.09 min Scan# 473

Delta R.T. 0.01 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

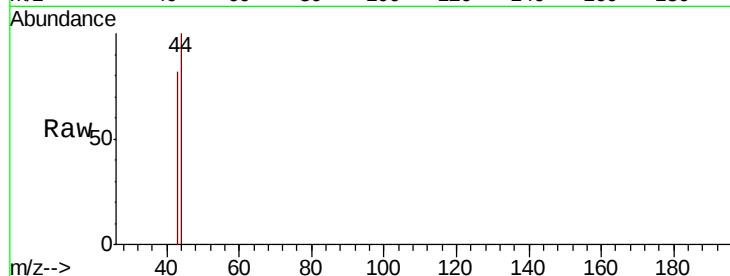
20190429-HR-9RE

Tot Ion: 43 Resp: 380

Ion Ratio Lower Upper

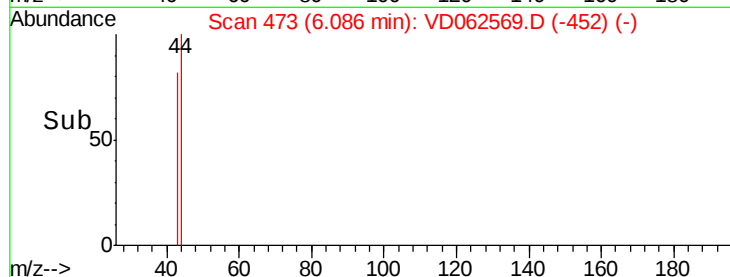
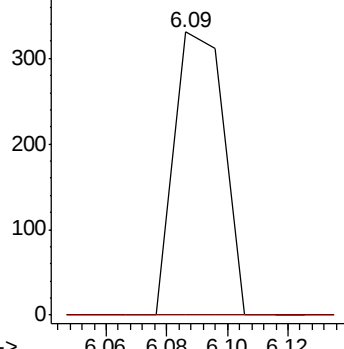
43 100

72 0.0 12.7 19.1#

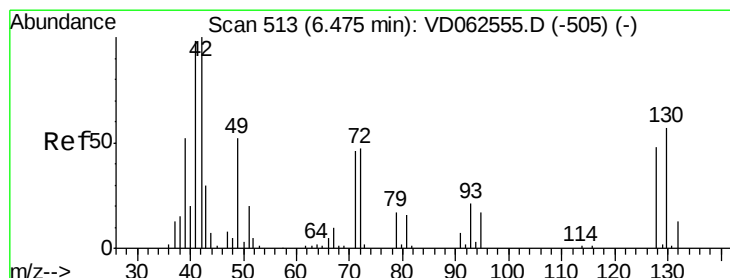


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#29

Tetrahydrofuran

Concen: 20.198 ug/l

RT: 6.46 min Scan# 511

Delta R.T. -0.01 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

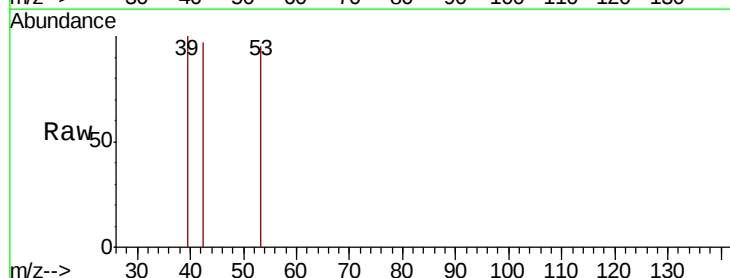
Tgt Ion: 42 Resp: 203

Ion Ratio Lower Upper

42 100

72 0.0 34.5 51.7#

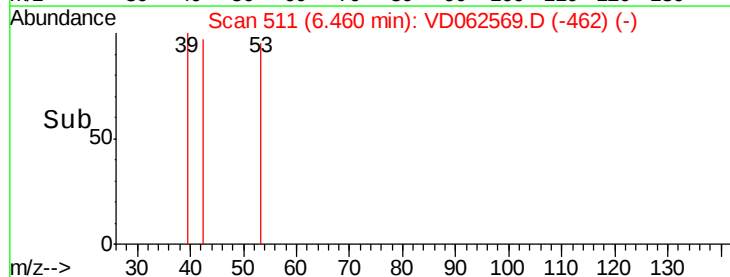
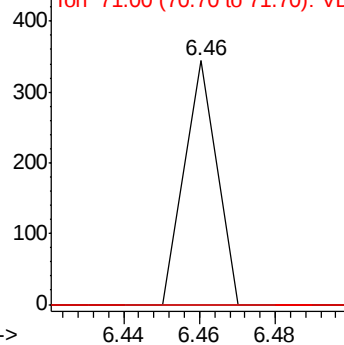
71 0.0 33.0 49.6#



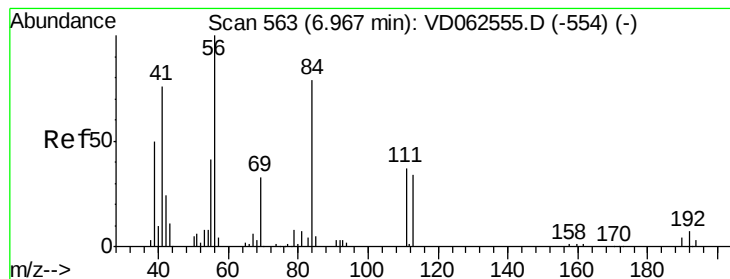
Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



Time-->



#31

Cyclohexane

Concen: 1.758 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.10 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

20190429-HR-9RE

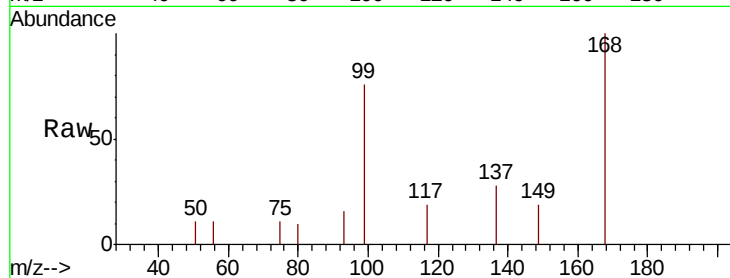
Tot Ion: 56 Resp: 198

Ion Ratio Lower Upper

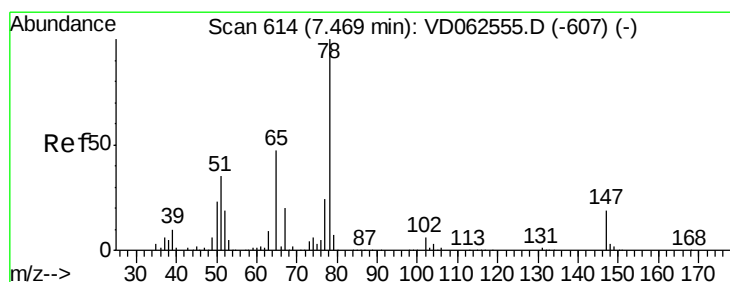
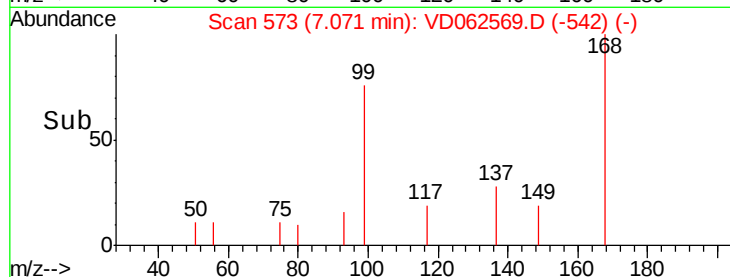
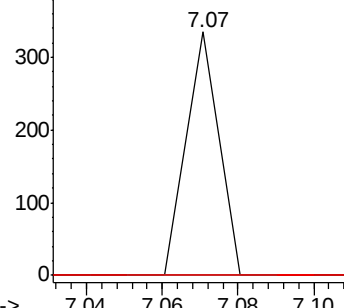
56 100

69 0.0 26.2 39.2#

84 0.0 65.2 97.8#



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: 60.469 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062569.D

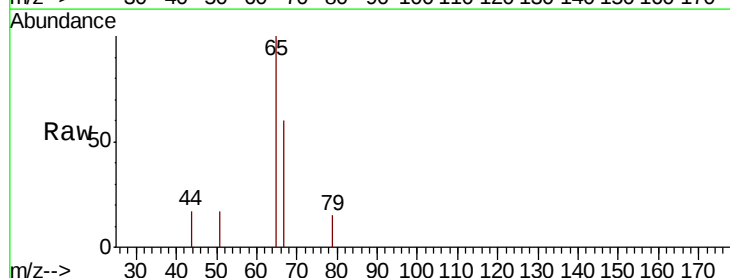
Acq: 31 May 2019 17:41

Tgt Ion: 65 Resp: 7332

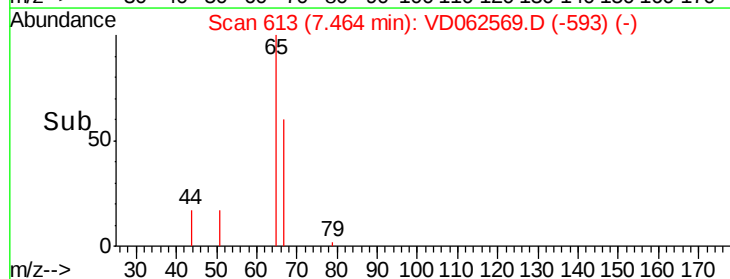
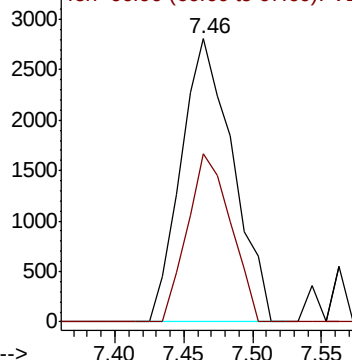
Ion Ratio Lower Upper

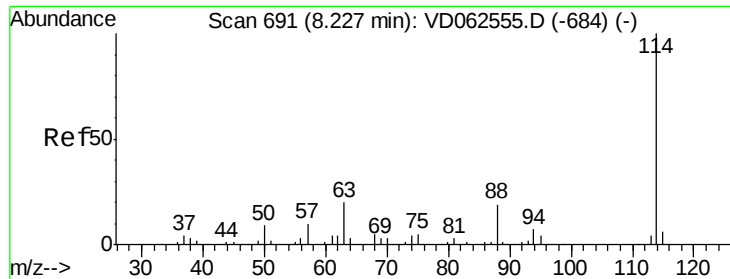
65 100

67 59.5 0.0 83.6



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

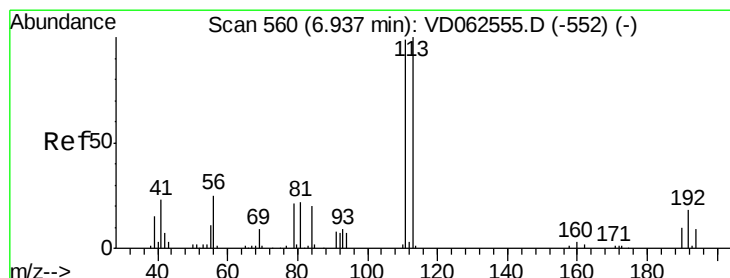
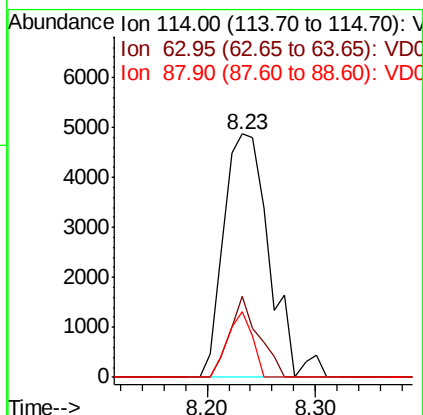
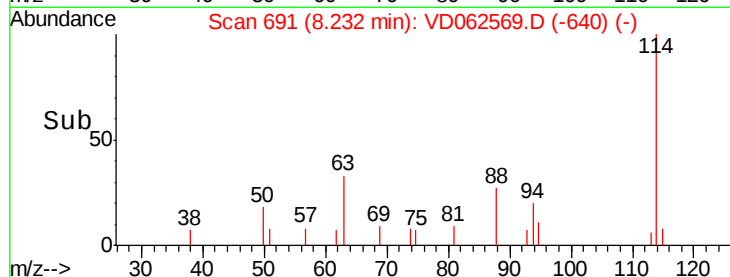
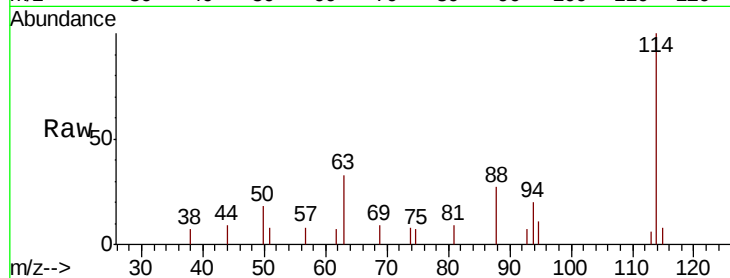




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062569.D
 Acq: 31 May 2019 17:41

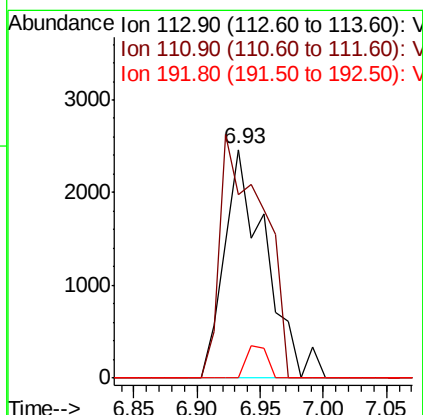
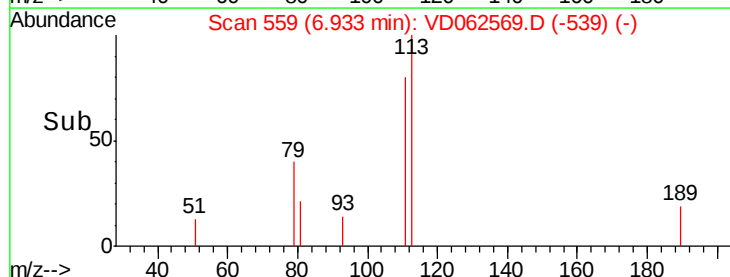
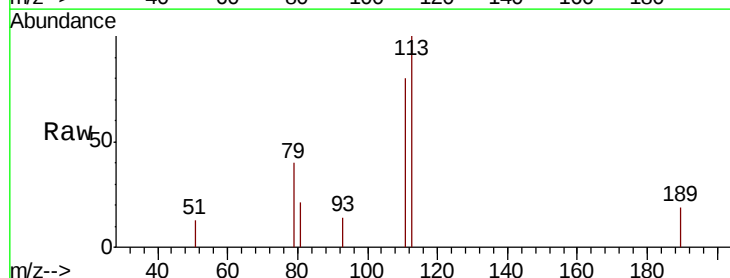
Instrument :
 MSVOA_D
 ClientSampleId :
 20190429-HR-9RE

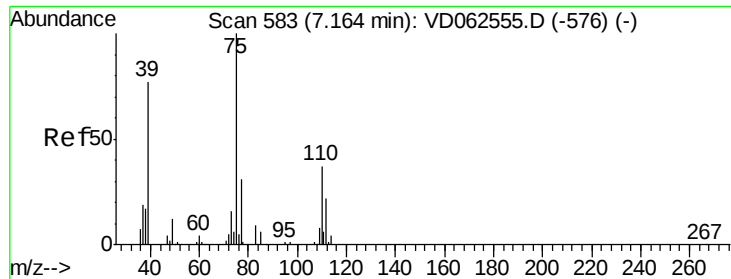
Tot Ion:114 Resp: 14283
 Ion Ratio Lower Upper
 114 100
 63 33.4 0.0 40.6
 88 27.1 0.0 37.6



#35
 Dibromofluoromethane
 Concen: 42.956 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD062569.D
 Acq: 31 May 2019 17:41

Tgt Ion:113 Resp: 5591
 Ion Ratio Lower Upper
 113 100
 111 80.1 78.8 118.2
 192 0.0 14.6 22.0#





#36

1,1-Dichloropropene

Concen: 4.550 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.11 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

20190429-HR-9RE

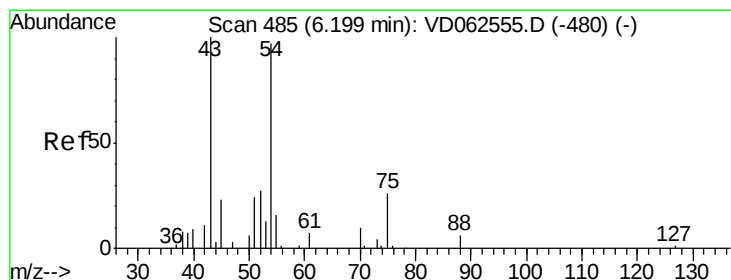
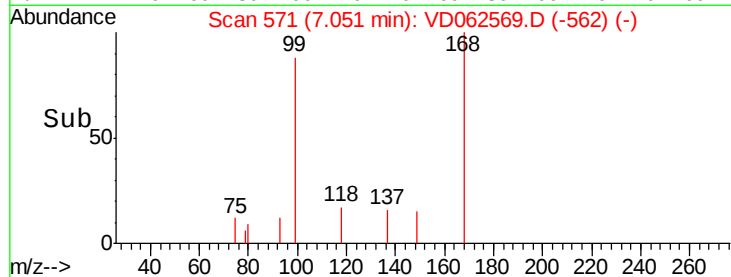
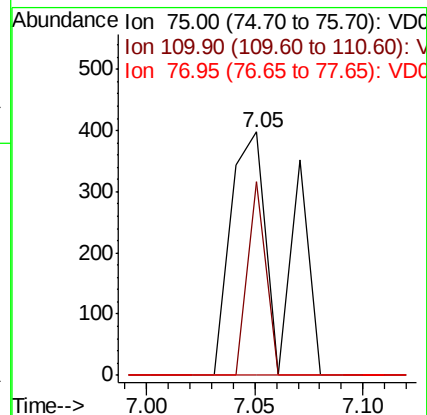
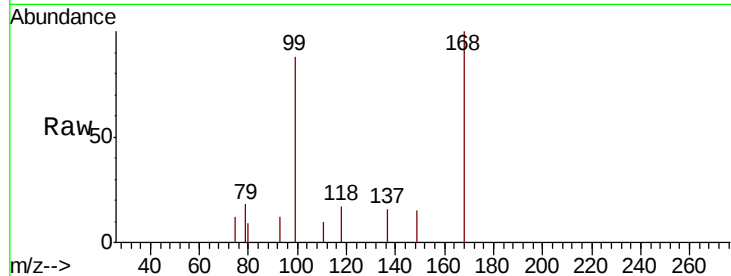
Tot Ion: 75 Resp: 647

Ion Ratio Lower Upper

75 100

110 79.4 18.3 54.8#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 6.339 ug/l

RT: 6.09 min Scan# 473

Delta R.T. -0.11 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

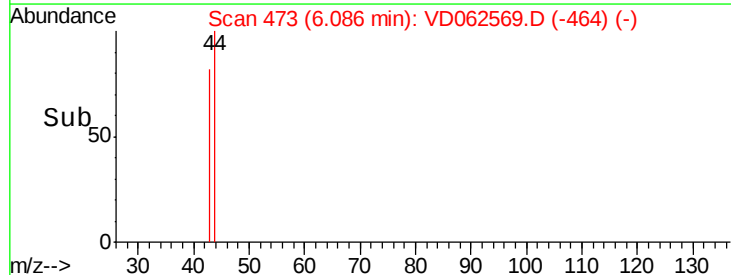
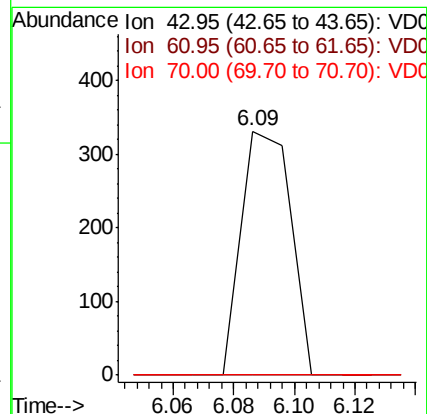
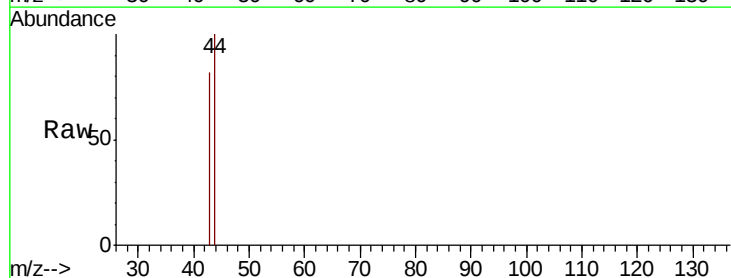
Tgt Ion: 43 Resp: 380

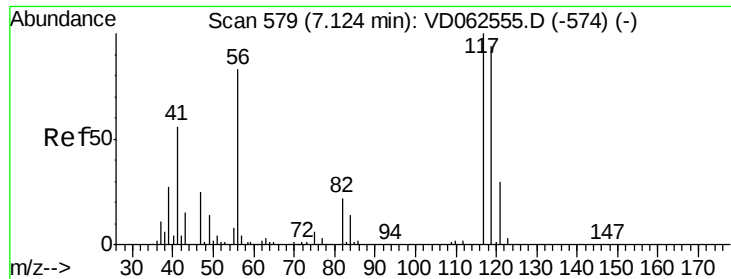
Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 0.0 6.5 9.7#





#38

Carbon Tetrachloride

Concen: 2.702 ug/l

RT: 7.07 min Scan# 573

Delta R.T. -0.05 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

20190429-HR-9RE

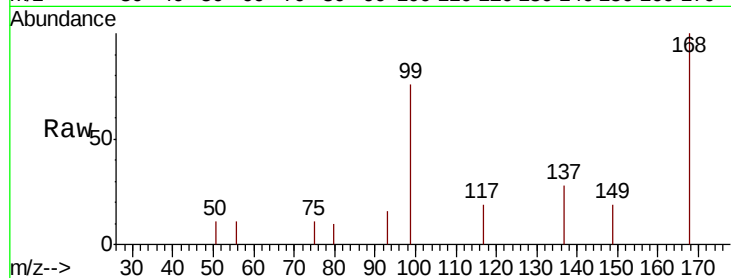
Tot Ion:117 Resp: 572

Ion Ratio Lower Upper

117 100

119 0.0 71.4 107.2#

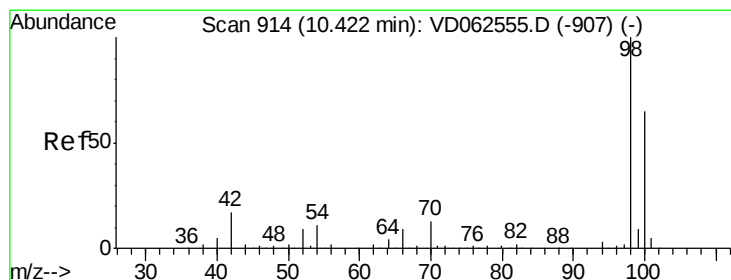
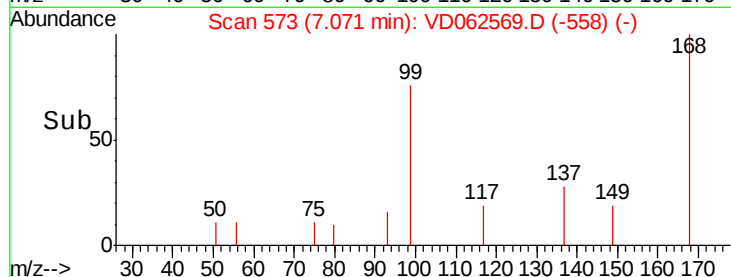
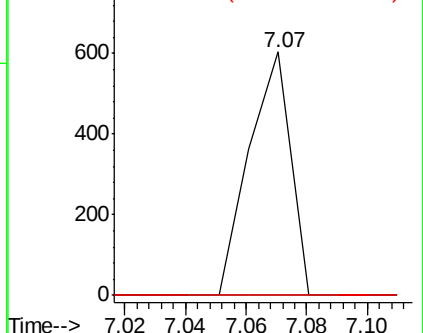
121 0.0 22.5 33.7#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: 39.102 ug/l

RT: 10.43 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062569.D

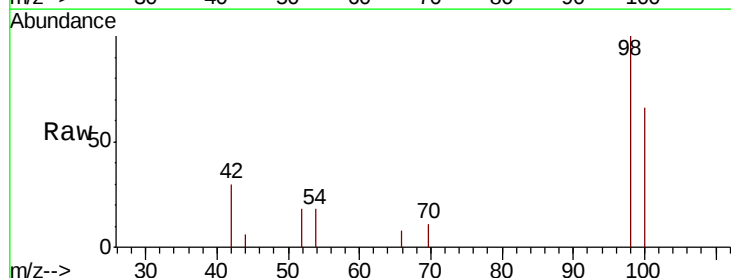
Acq: 31 May 2019 17:41

Tgt Ion: 98 Resp: 11151

Ion Ratio Lower Upper

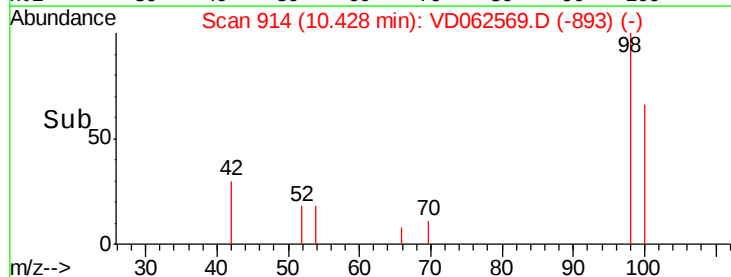
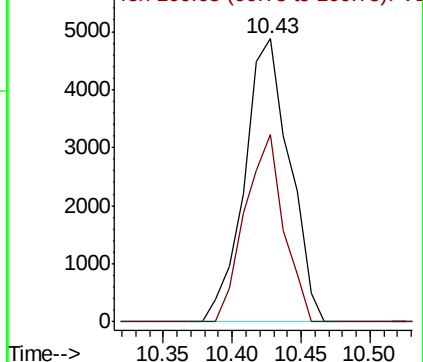
98 100

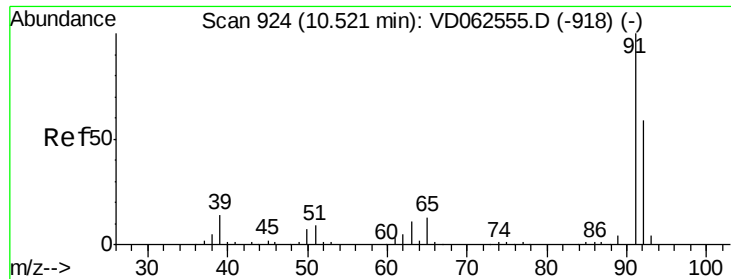
100 66.4 52.3 78.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.014 ug/l

RT: 10.52 min Scan# 923

Delta R.T. -0.00 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

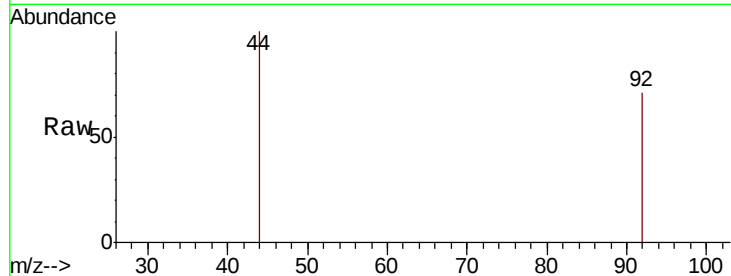
20190429-HR-9RE

Tot Ion: 92 Resp: 193

Ion Ratio Lower Upper

92 100

91 0.0 135.5 203.3#



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.52

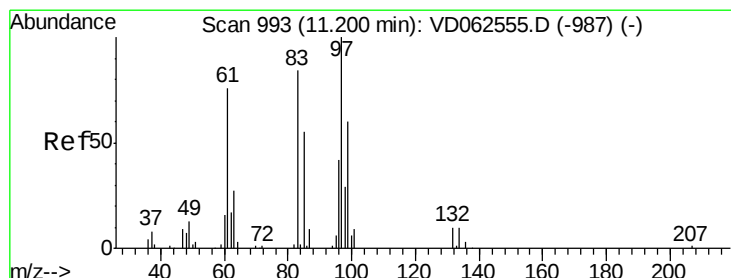
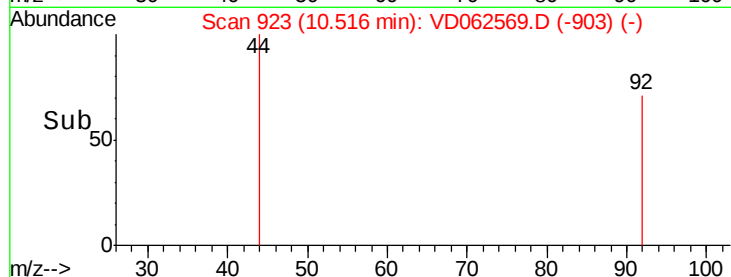
300

200

100

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 18.370 ug/l

RT: 11.25 min Scan# 998

Delta R.T. 0.05 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

Tgt Ion: 97 Resp: 1148

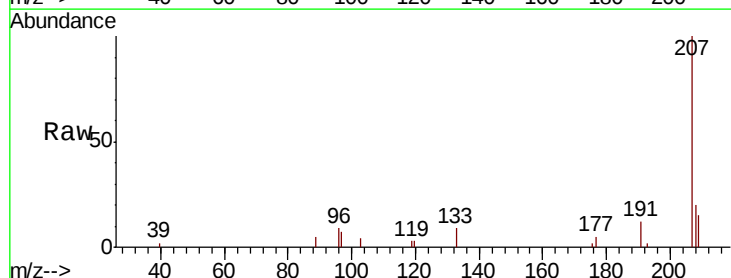
Ion Ratio Lower Upper

97 100

83 0.0 67.3 100.9#

85 0.0 43.8 65.8#

99 0.0 48.2 72.2#



Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC

11.25

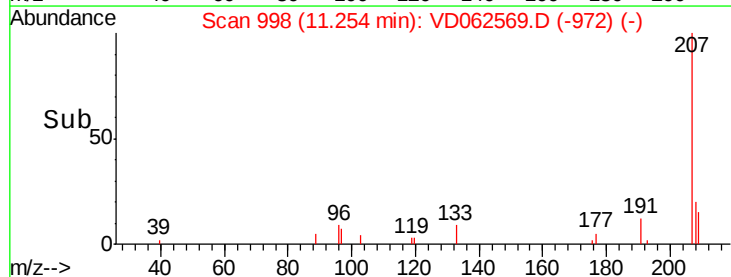
1500

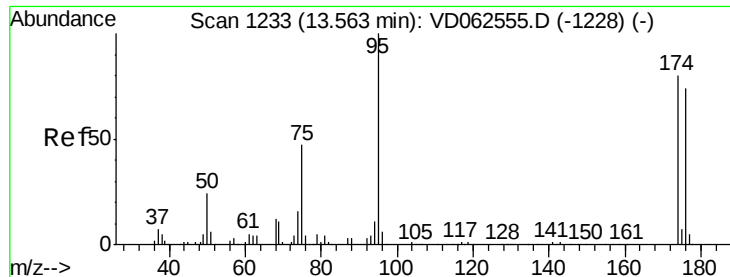
1000

500

0

Time-->

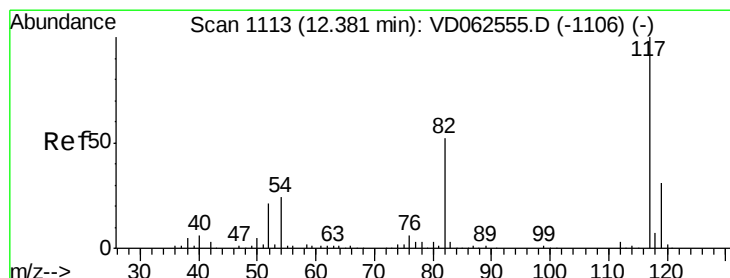
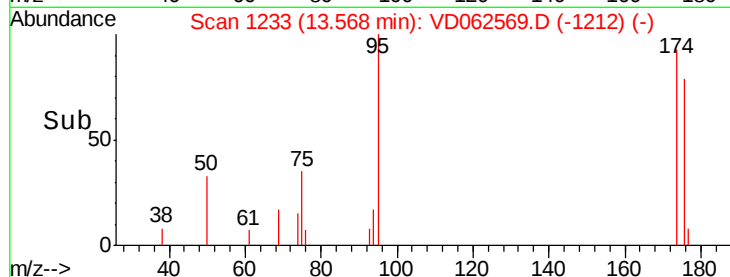
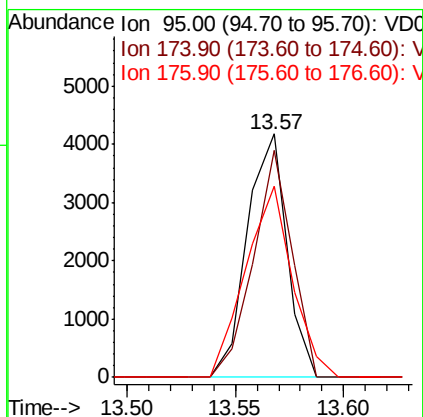
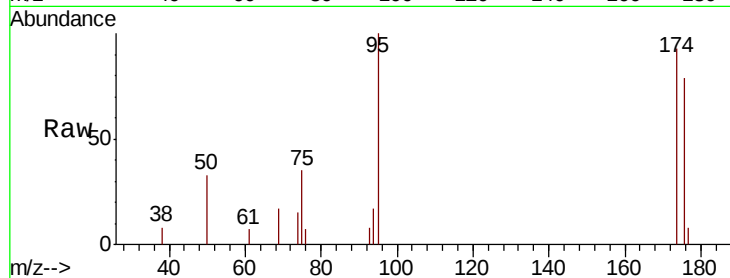




#62
4-Bromofluorobenzene
Concen: 41.709 ug/l
RT: 13.57 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062569.D
Acq: 31 May 2019 17:41

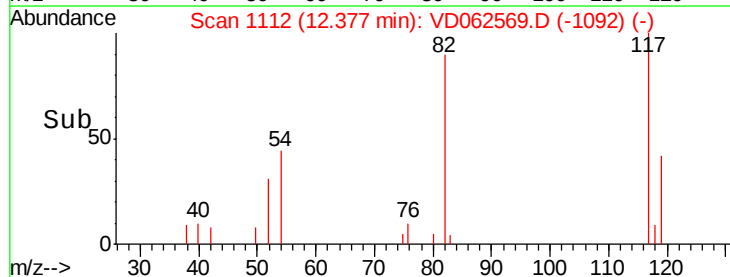
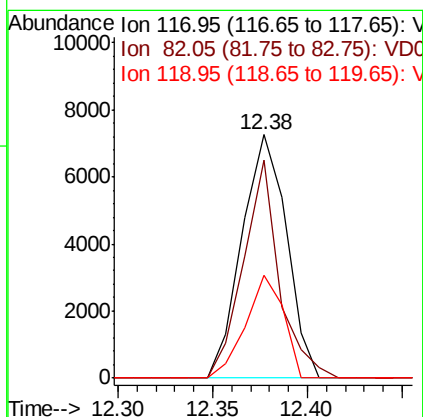
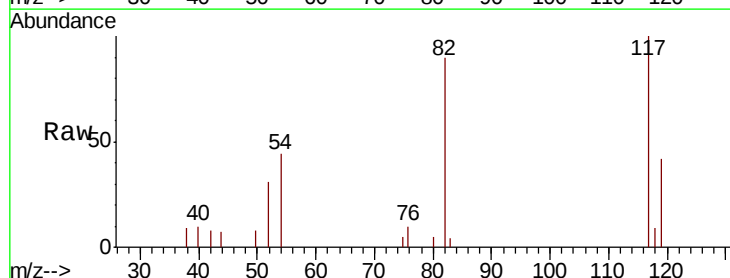
Instrument :
MSVOA_D
ClientSampleId :
20190429-HR-9RE

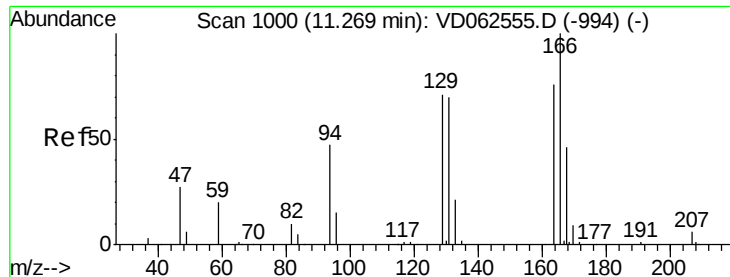
Tot Ion: 95 Resp: 5364
Ion Ratio Lower Upper
95 100
174 93.1 0.0 160.2
176 78.7 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062569.D
Acq: 31 May 2019 17:41

Tgt Ion: 117 Resp: 11892
Ion Ratio Lower Upper
117 100
82 89.5 41.4 62.2#
119 42.0 24.9 37.3#





#64

Tetrachloroethene

Concen: 2.331 ug/l

RT: 11.15 min Scan# 987

Delta R.T. -0.12 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

20190429-HR-9RE

Tot Ion:164 Resp: 245

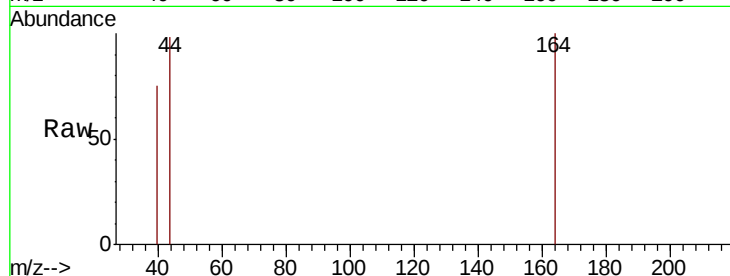
Ion Ratio Lower Upper

164 100

166 0.0 105.3 157.9#

129 0.0 75.3 112.9#

131 0.0 73.3 109.9#

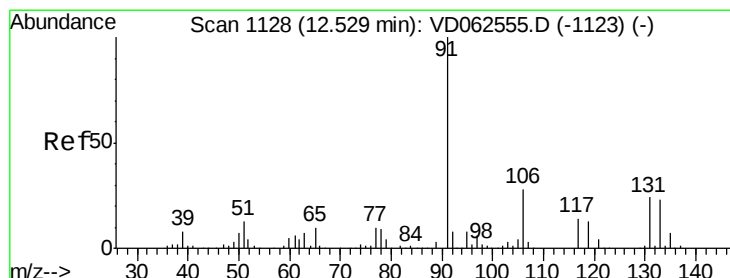
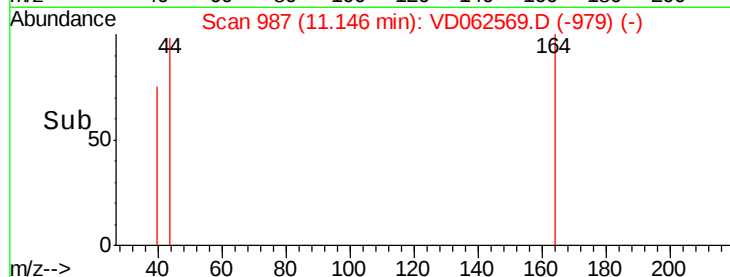
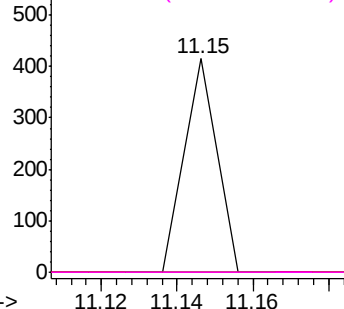


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 2.870 ug/l

RT: 12.54 min Scan# 1129

Delta R.T. 0.02 min

Lab File: VD062569.D

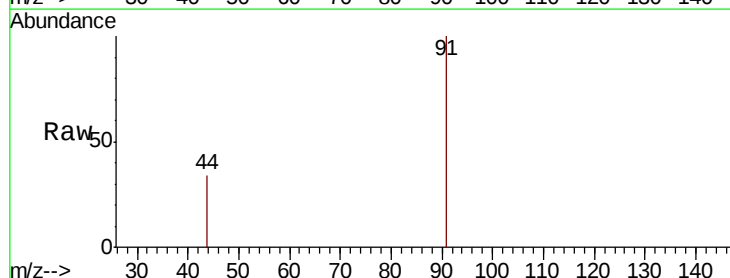
Acq: 31 May 2019 17:41

Tgt Ion: 91 Resp: 1218

Ion Ratio Lower Upper

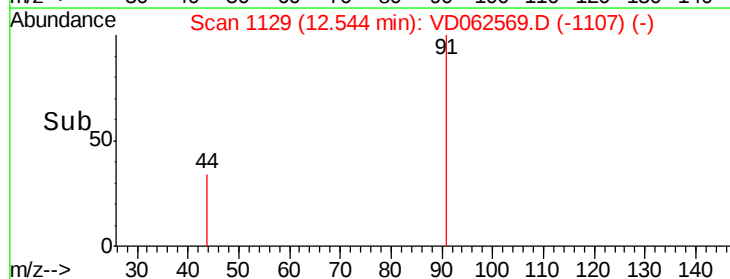
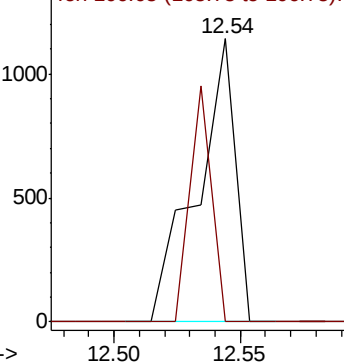
91 100

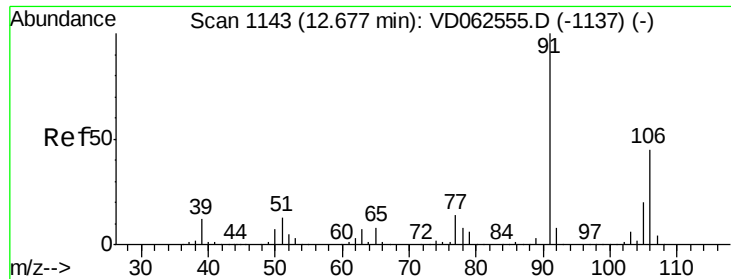
106 0.0 22.2 33.2#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V

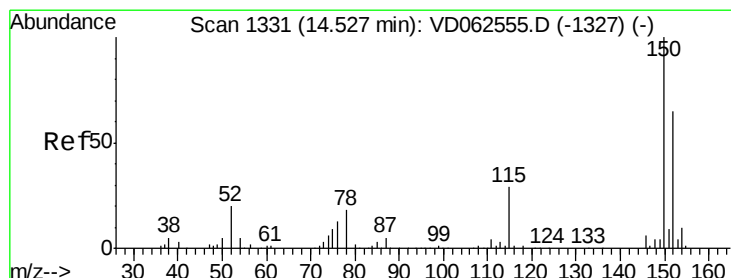
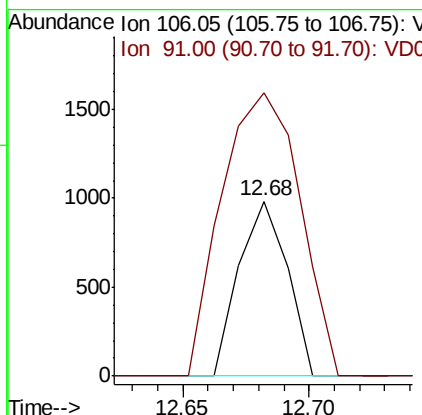
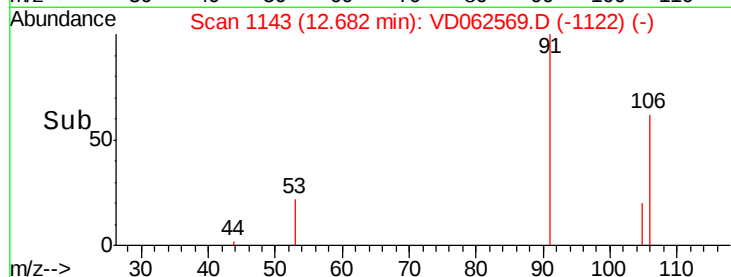
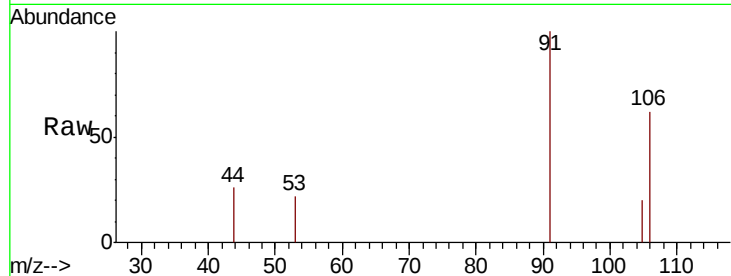




#68
m/p-Xvlenes
Concen: 8.908 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD062569.D
Acq: 31 May 2019 17:41

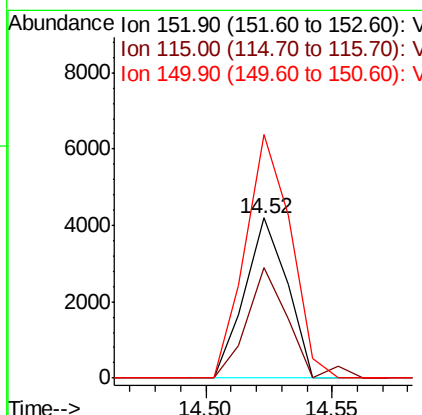
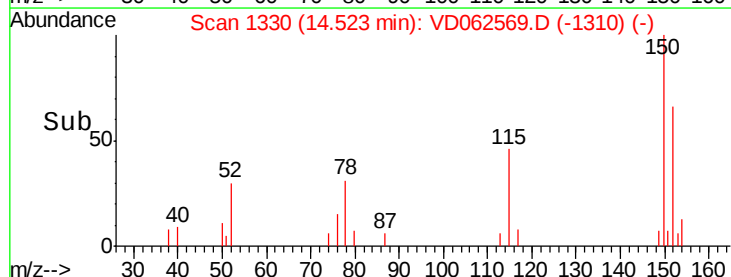
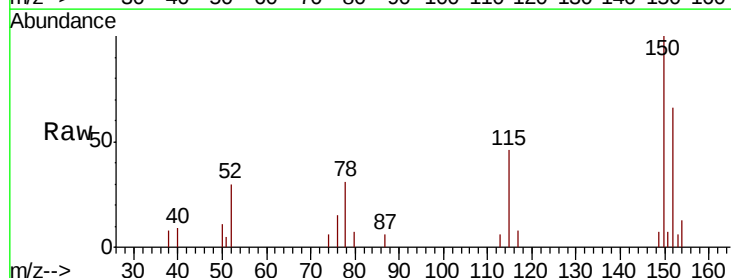
Instrument :
MSVOA_D
ClientSampleId :
20190429-HR-9RE

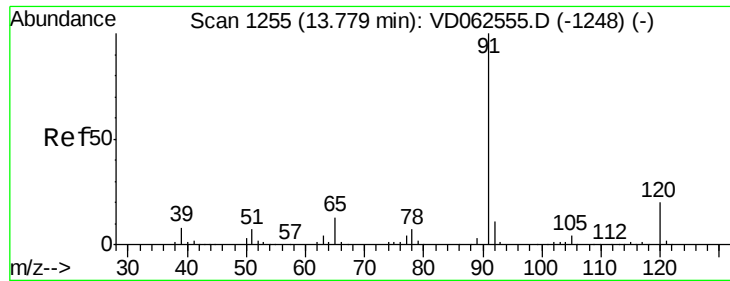
Tot Ion:106 Resp: 1308
Ion Ratio Lower Upper
106 100
91 162.1 178.9 268.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062569.D
Acq: 31 May 2019 17:41

Tgt Ion:152 Resp: 4899
Ion Ratio Lower Upper
152 100
115 69.4 28.4 85.3
150 152.2 0.0 310.4





#78

n-propylbenzene

Concen: 1.418 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

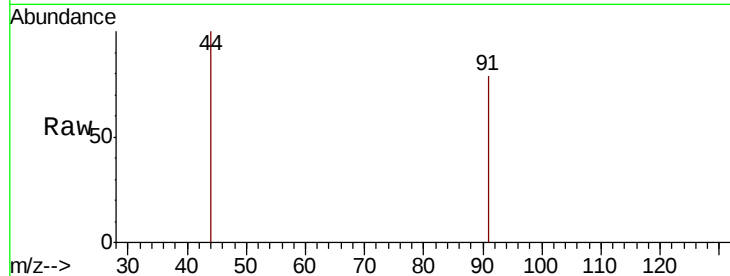
20190429-HR-9RE

Tot Ion: 91 Resp: 528

Ion Ratio Lower Upper

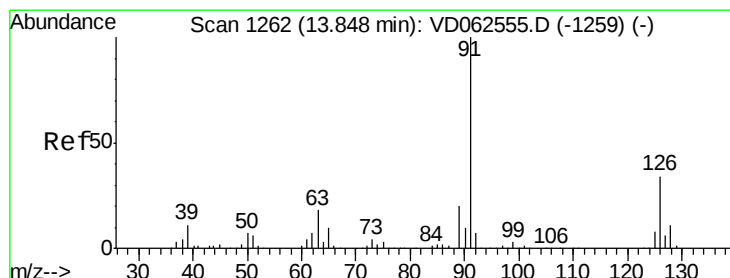
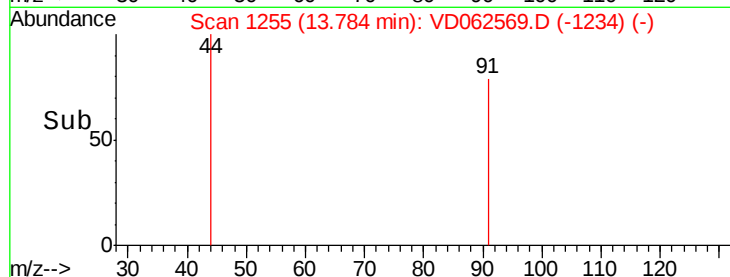
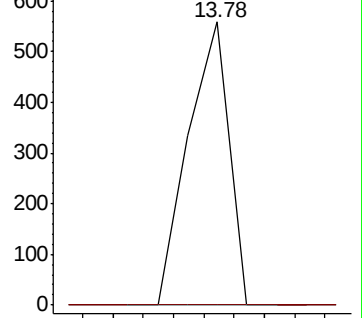
91 100

120 0.0 10.0 29.8#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V



#79

2-Chlorotoluene

Concen: 2.446 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.06 min

Lab File: VD062569.D

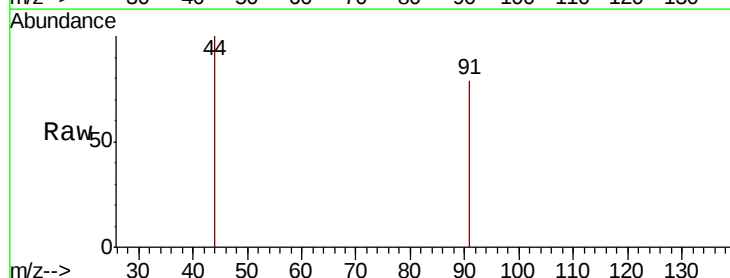
Acq: 31 May 2019 17:41

Tgt Ion: 91 Resp: 528

Ion Ratio Lower Upper

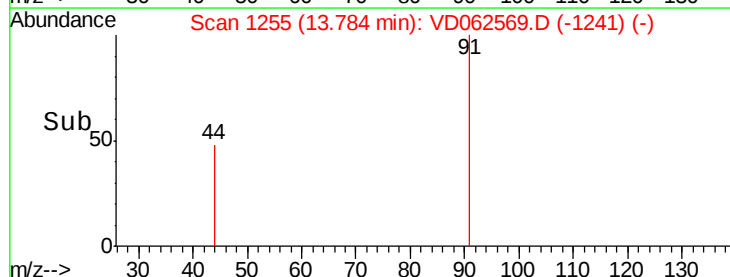
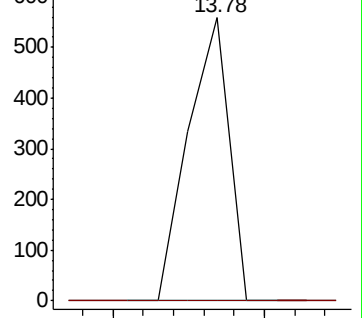
91 100

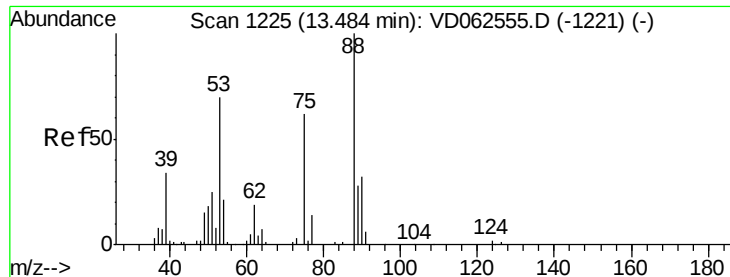
126 0.0 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 181.816 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

20190429-HR-9RE

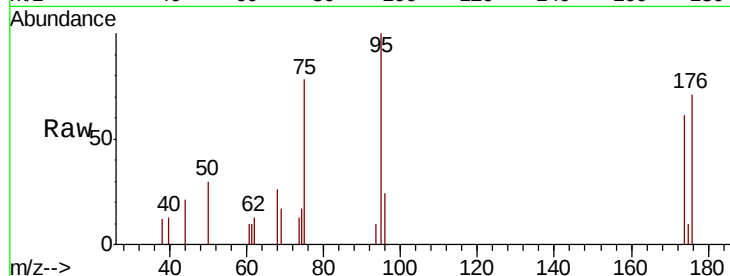
Tot Ion: 75 Resp: 3062

Ion Ratio Lower Upper

75 100

53 0.0 91.0 136.4#

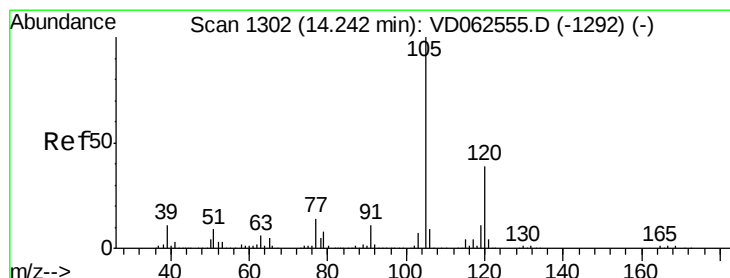
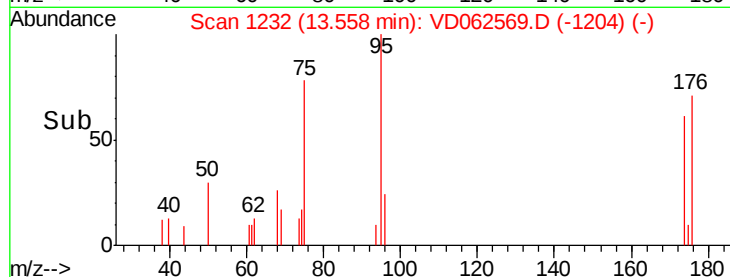
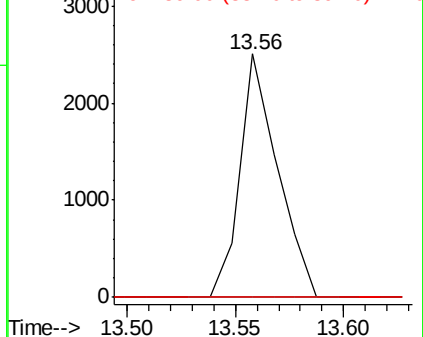
89 0.0 36.9 55.3#



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



#84

1,2,4-Trimethylbenzene

Concen: 8.808 ug/l

RT: 14.25 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VD062569.D

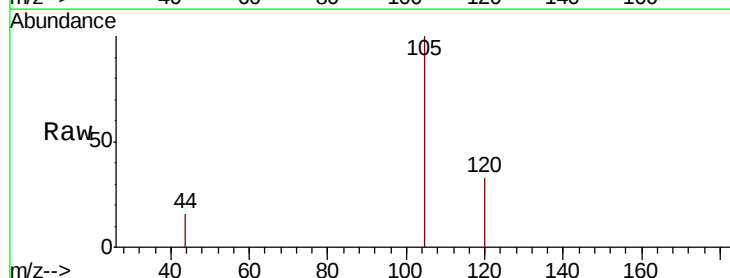
Acq: 31 May 2019 17:41

Tgt Ion:105 Resp: 2477

Ion Ratio Lower Upper

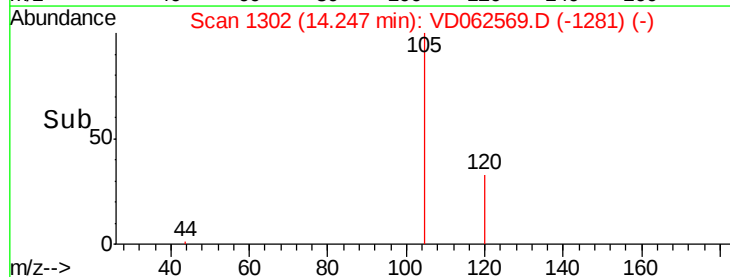
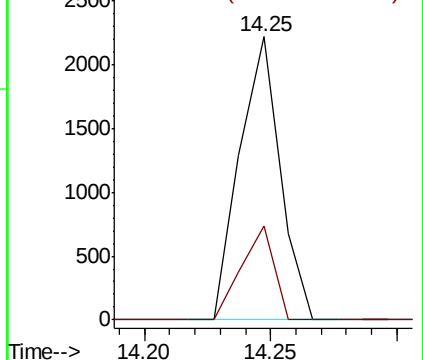
105 100

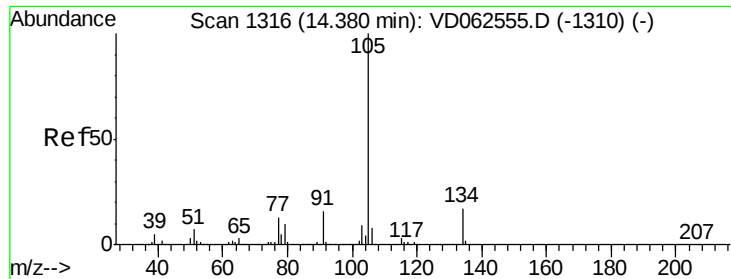
120 33.1 19.6 58.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

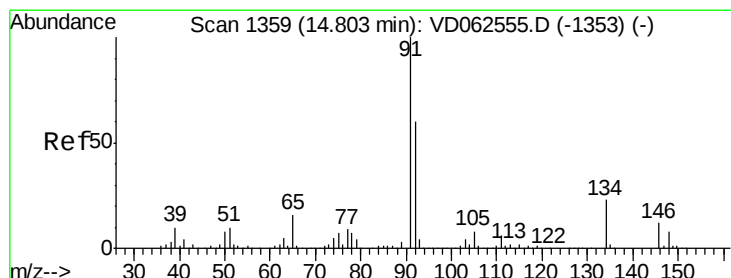
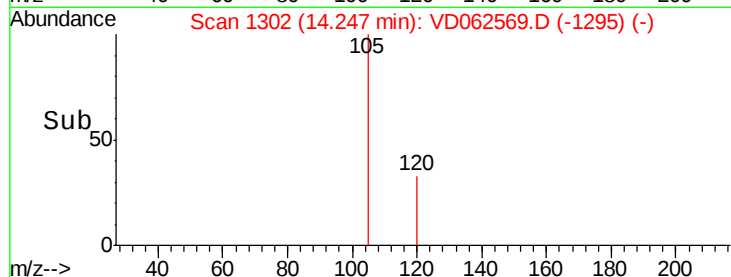
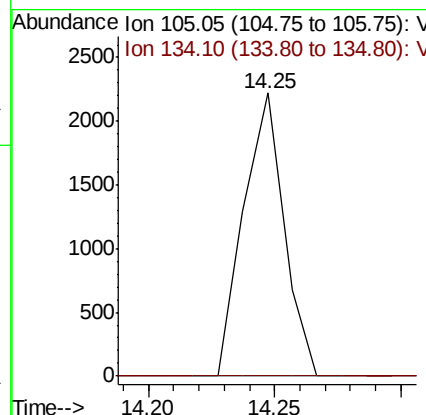
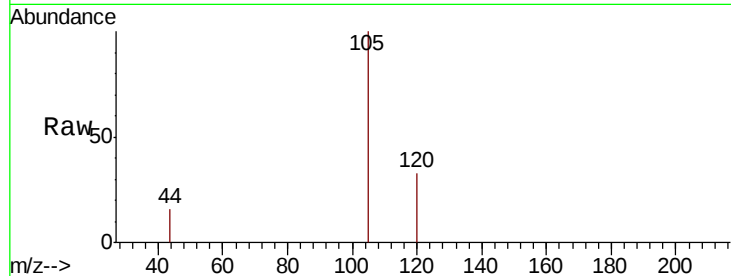




#85
 sec-Butylbenzene
 Concen: 7.593 ug/l
 RT: 14.25 min Scan# 1302
 Delta R.T. -0.13 min
 Lab File: VD062569.D
 Acq: 31 May 2019 17:41

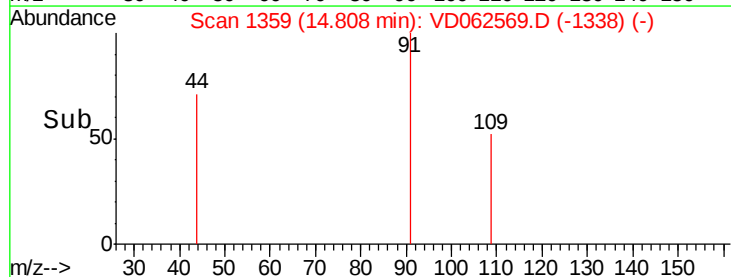
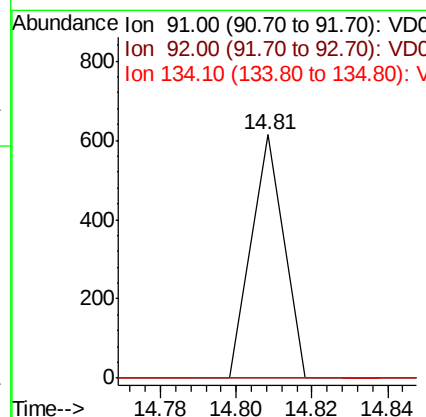
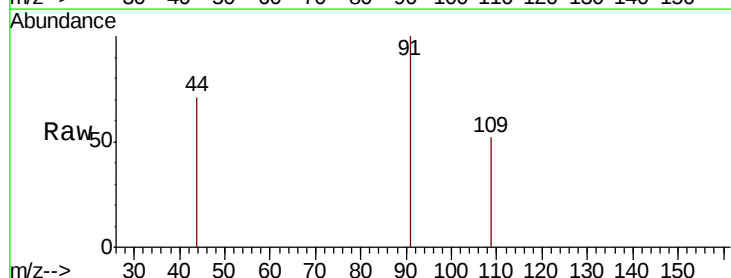
Instrument :
 MSVOA_D
 ClientSampleId :
 20190429-HR-9RE

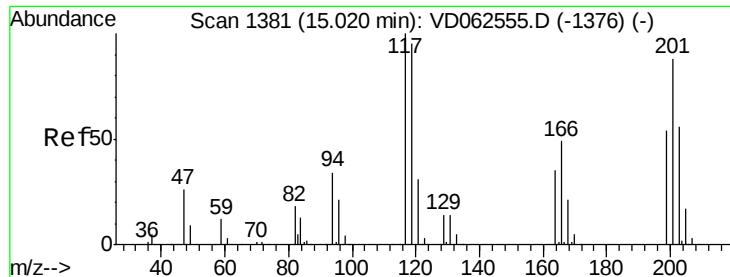
Tot Ion:105 Resp: 2477
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.7 26.1#



#89
 n-Butylbenzene
 Concen: 1.334 ug/l
 RT: 14.81 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: VD062569.D
 Acq: 31 May 2019 17:41

Tgt Ion: 91 Resp: 363
 Ion Ratio Lower Upper
 91 100
 92 0.0 29.8 89.4#
 134 0.0 11.3 33.8#





#90

Hexachloroethane

Concen: 16.498 ug/l

RT: 15.14 min Scan# 1393

Delta R.T. 0.12 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

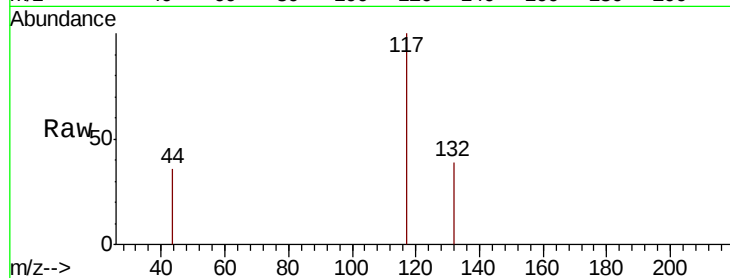
20190429-HR-9RE

Tot Ion:117 Resp: 1334

Ion Ratio Lower Upper

117 100

201 0.0 43.8 131.4#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

15.14

1200

1000

800

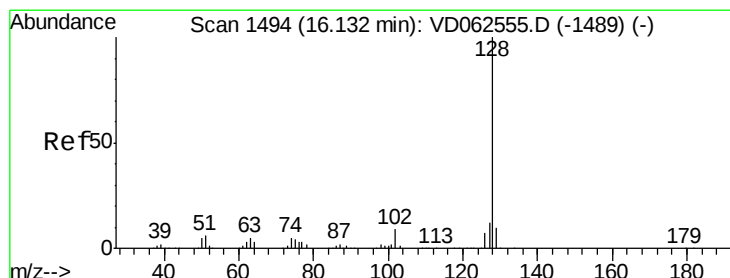
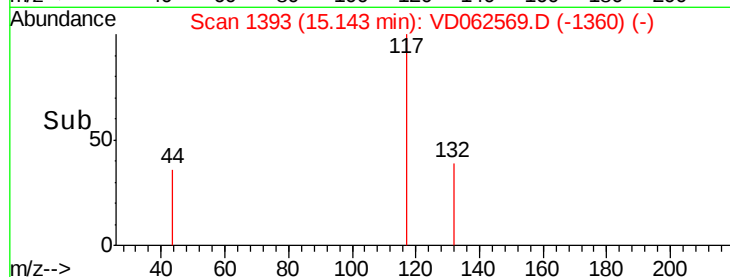
600

400

200

0

Time-->



#95

Naphthalene

Concen: 4.551 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD062569.D

Acq: 31 May 2019 17:41

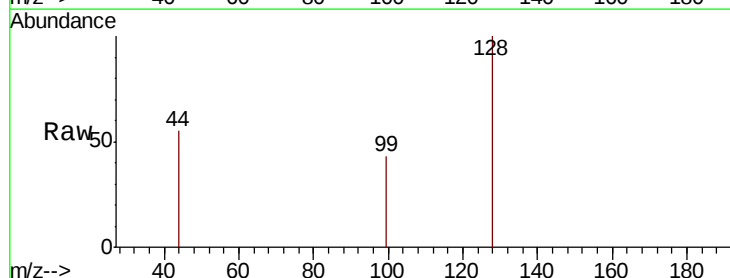
Tgt Ion:128 Resp: 640

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

129 0.0 8.2 12.2#



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

16.13

1000

800

600

400

200

0

Time-->

