

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062567.D
 Acq On : 31 May 2019 16:47
 Operator : VA/AP
 Sample : K3097-07
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190427-HR-7

Quant Time: May 31 23:27:29 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	6637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	8366	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	7233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	2599	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	3173	40.77	ug/l	0.00
Spiked Amount			Recovery	=	81.54%	
35) Dibromofluoromethane	6.94	113	3495	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	
50) Toluene-d8	10.43	98	5182	31.02	ug/l	0.00
Spiked Amount			Recovery	=	62.04%	
62) 4-Bromofluorobenzene	13.56	95	2976	39.51	ug/l	0.00
Spiked Amount			Recovery	=	79.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.77	50	1091	11.753	ug/l #	43
4) Vinyl Chloride	1.88	62	270	4.592	ug/l #	42
5) Bromomethane	2.13	94	625	32.731	ug/l #	12
6) Chloroethane	2.25	64	186	6.746	ug/l #	45
8) Diethyl Ether	2.74	74	220	13.801	ug/l	73
10) Methyl Iodide	3.35	142	1334	16.022	ug/l #	79
14) Allyl chloride	3.57	41	241	2.972	ug/l #	7
16) Acetone	3.22	43	4604	301.107	ug/l #	60
18) Methyl Acetate	3.73	43	204	8.174	ug/l #	63
22) Diisopropyl ether	5.08	45	191	1.153	ug/l #	30
23) Vinyl Acetate	4.94	43	193	1.921	ug/l #	80
25) 2-Butanone	6.11	43	977	67.846	ug/l #	62
29) Tetrahydrofuran	6.10	42	192	29.765	ug/l #	33
37) Ethyl Acetate	6.11	43	977	27.827	ug/l #	72
38) Carbon Tetrachloride	7.03	117	190	1.532	ug/l #	15
43) Isopropyl Acetate	8.97	43	243	5.561	ug/l #	50
53) t-1,3-Dichloropropene	11.05	75	198	2.527	ug/l #	1
55) 1,1,2-Trichloroethane	11.28	97	236	6.447	ug/l #	16
59) 2-Hexanone	11.67	43	185	8.651	ug/l #	32
67) Ethyl Benzene	12.53	91	1107	4.288	ug/l #	47
68) m/p-Xylenes	12.69	106	1236	13.840	ug/l	90
74) N-amyl acetate	13.20	43	186	4.257	ug/l #	51
78) n-propylbenzene	13.78	91	447	2.263	ug/l #	57
79) 2-Chlorotoluene	13.78	91	447	3.903	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.90	105	448	3.060	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.56	75	1342	150.204	ug/l #	5
82) 4-Chlorotoluene	13.96	91	194	1.415	ug/l #	41
83) tert-Butylbenzene	14.24	119	430	2.632	ug/l #	20
84) 1,2,4-Trimethylbenzene	14.25	105	1860	12.467	ug/l	84
85) sec-Butylbenzene	14.25	105	1860	10.747	ug/l #	60
90) Hexachloroethane	15.15	117	246	5.735	ug/l #	6
91) 1,2-Dichlorobenzene	14.96	146	246	3.591	ug/l #	23
95) Naphthalene	16.13	128	419	5.617	ug/l #	71

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QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration

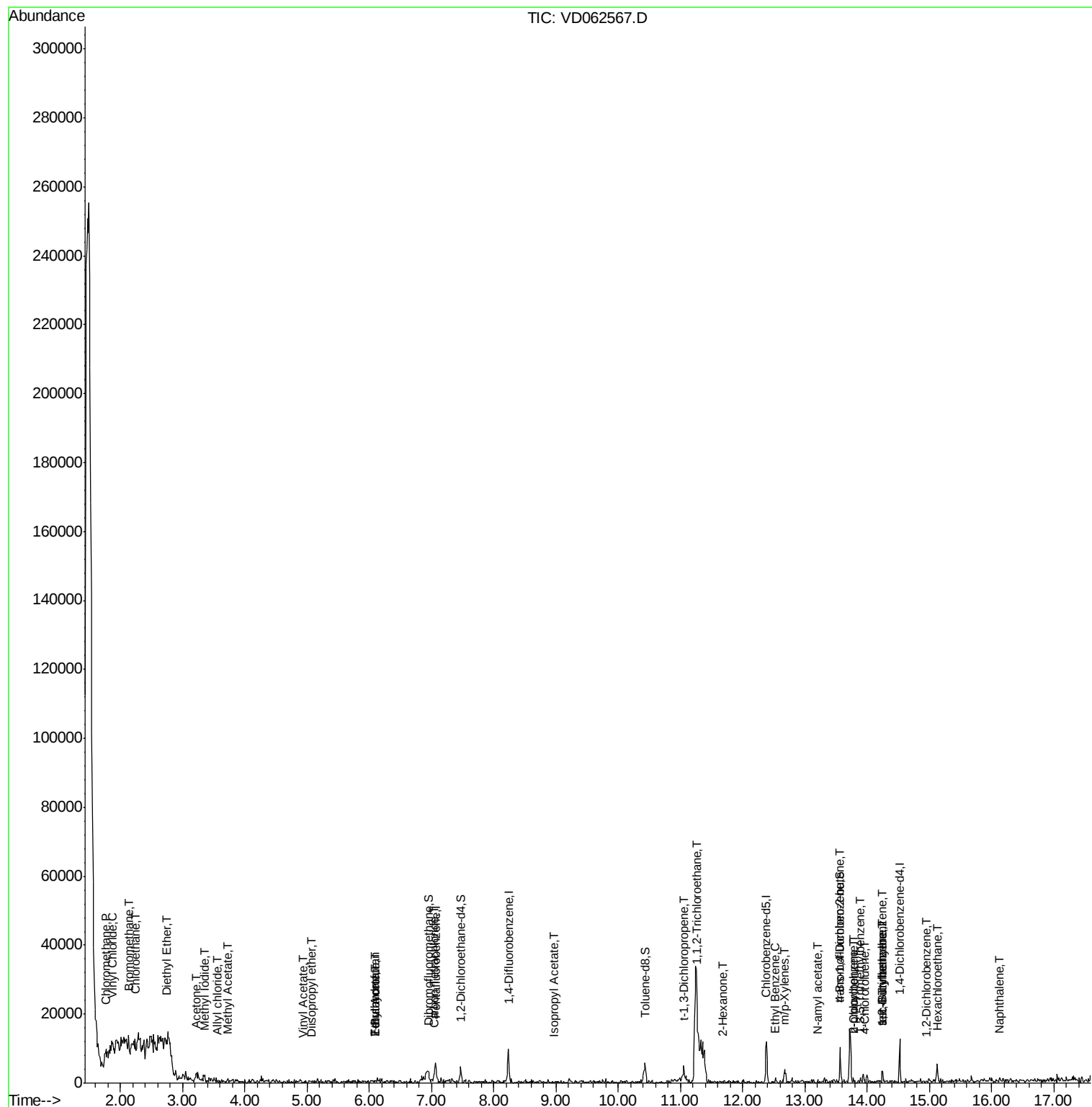
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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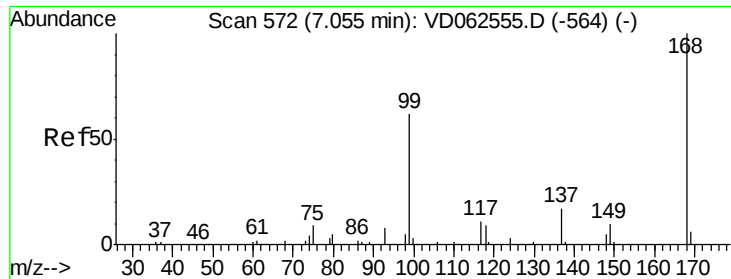
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD053119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

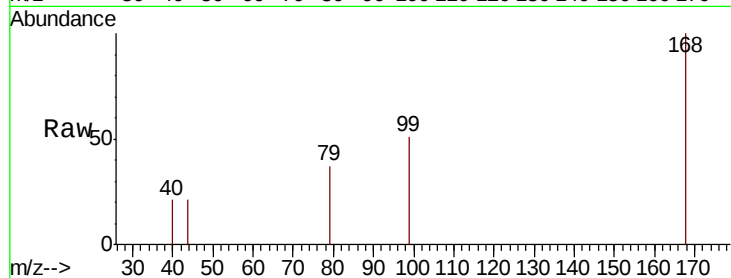
20190427-HR-7

Tot Ion:168 Resp: 6637

Ion Ratio Lower Upper

168 100

99 50.6 50.8 76.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

2500

2000

1500

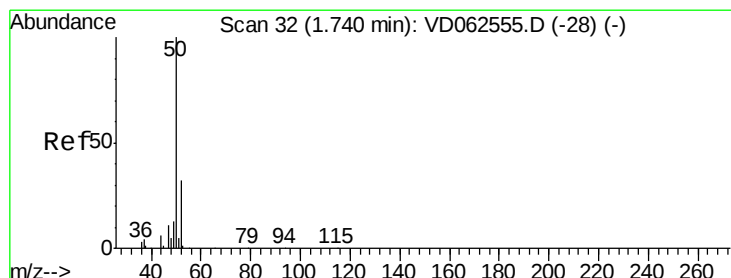
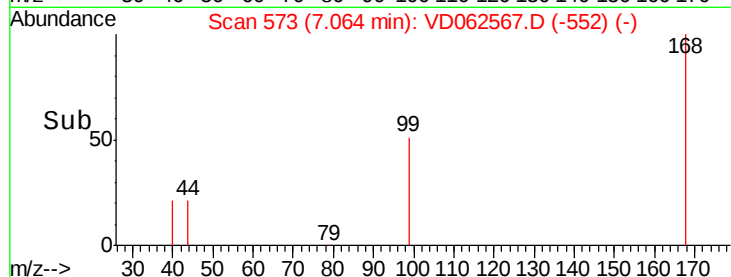
1000

500

0

6.95 7.00 7.05 7.10 7.15

Time-->



#3

Chloromethane

Concen: 11.753 ug/l

RT: 1.77 min Scan# 35

Delta R.T. 0.03 min

Lab File: VD062567.D

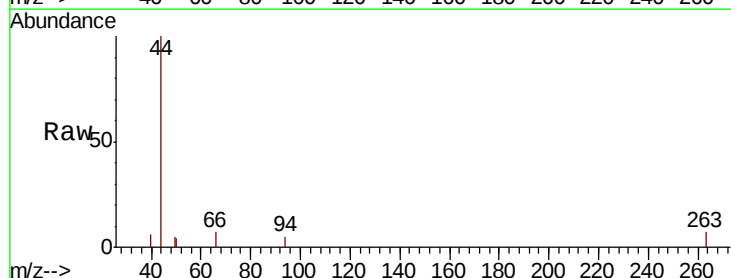
Acq: 31 May 2019 16:47

Tgt Ion: 50 Resp: 1091

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

1.77

800

600

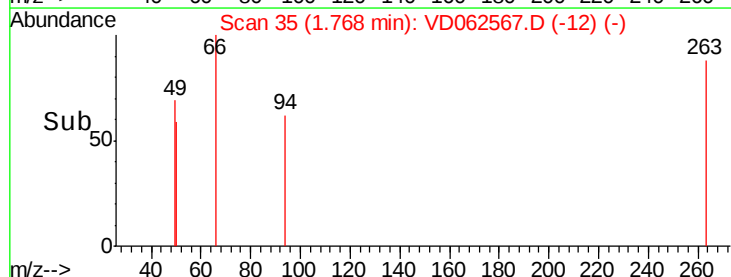
400

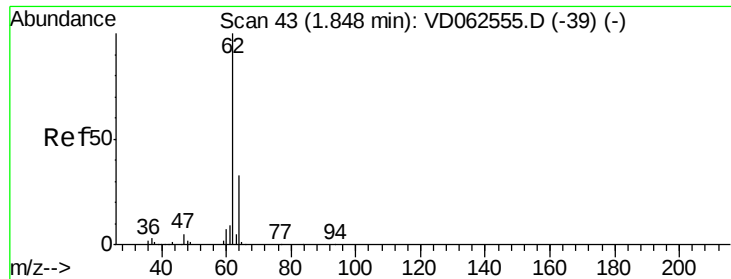
200

0

1.75 1.80

Time-->





#4

Vinyl Chloride

Concen: 4.592 ug/l

RT: 1.88 min Scan# 46

Delta R.T. 0.03 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleID :

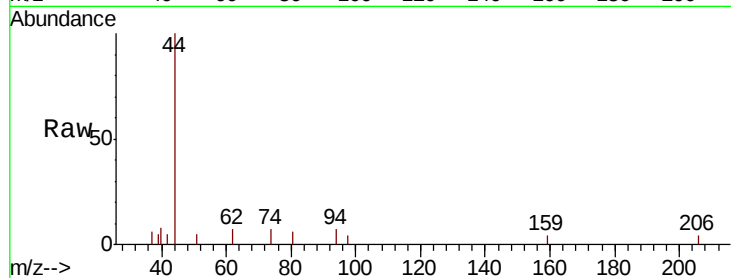
20190427-HR-7

Tot Ion: 62 Resp: 270

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

1.88

500

400

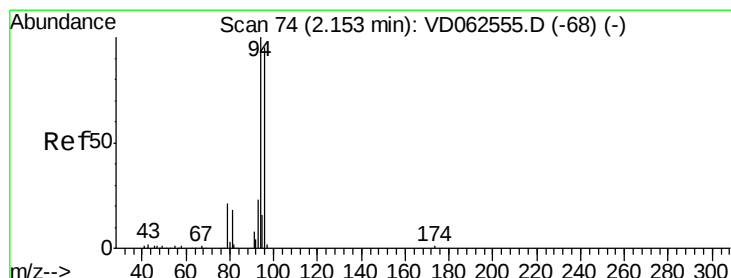
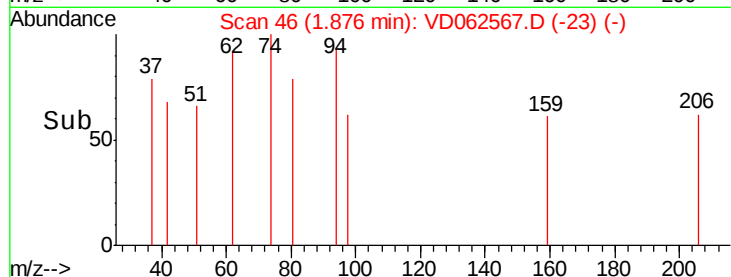
300

200

100

0

Time--> 1.84 1.86 1.88 1.90



#5

Bromomethane

Concen: 32.731 ug/l

RT: 2.13 min Scan# 72

Delta R.T. -0.02 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

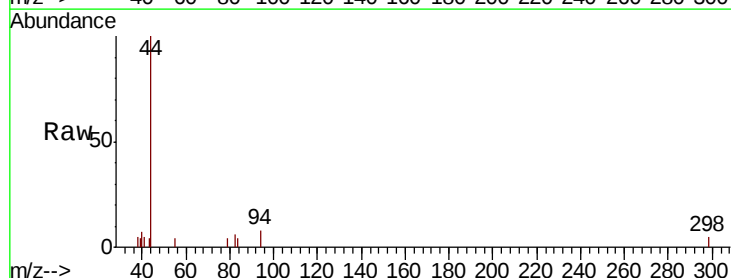
Tgt Ion: 94 Resp: 625

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

1000

800

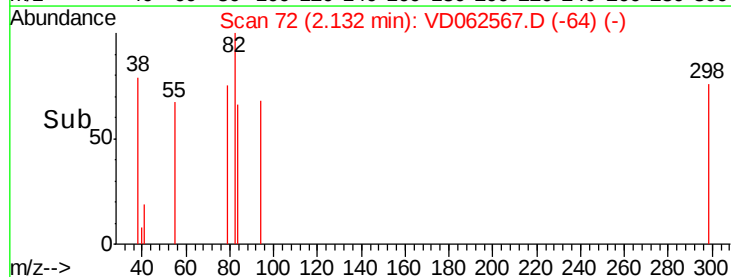
600

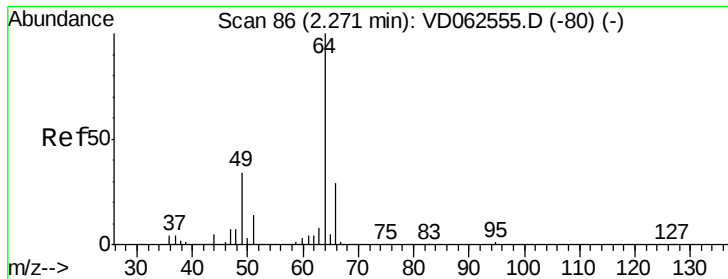
400

200

0

Time--> 2.08 2.10 2.12 2.14 2.16





#6

Chloroethane

Concen: 6.746 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.02 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

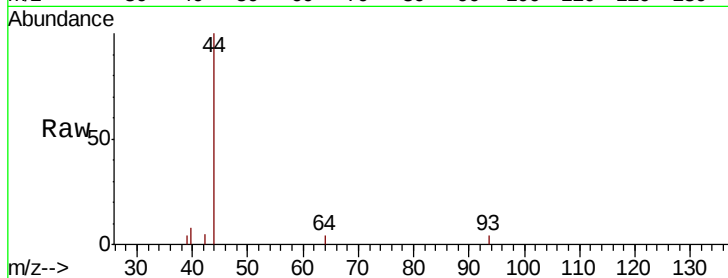
20190427-HR-7

Tot Ion: 64 Resp: 186

Ion Ratio Lower Upper

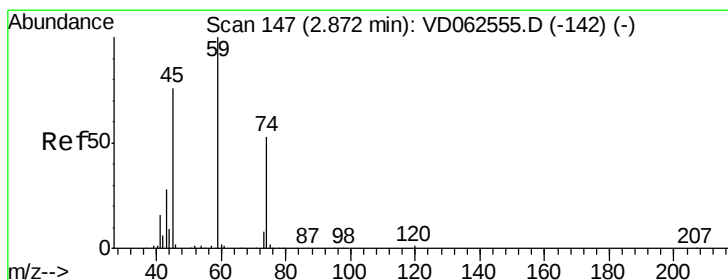
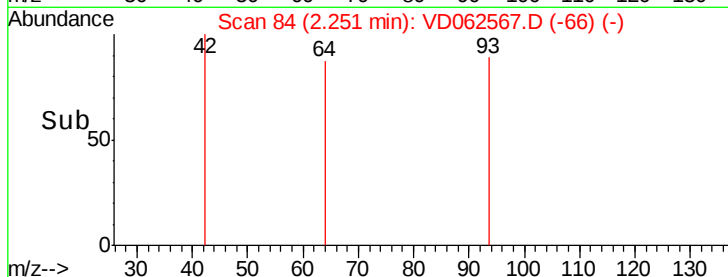
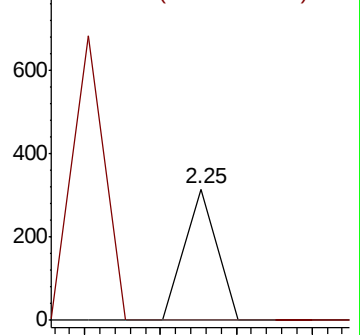
64 100

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



#8

Diethyl Ether

Concen: 13.801 ug/l

RT: 2.74 min Scan# 134

Delta R.T. -0.13 min

Lab File: VD062567.D

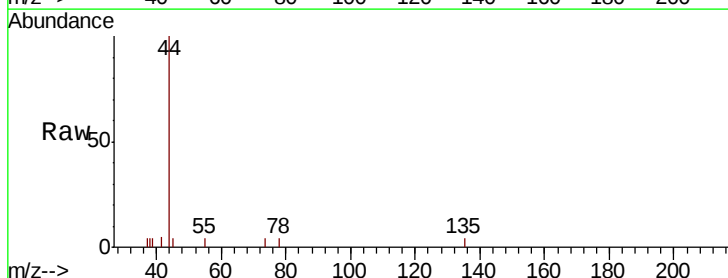
Acq: 31 May 2019 16:47

Tgt Ion: 74 Resp: 220

Ion Ratio Lower Upper

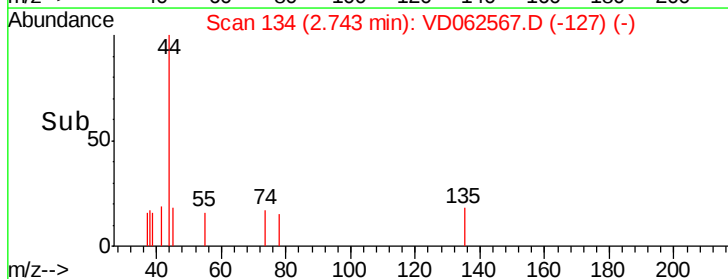
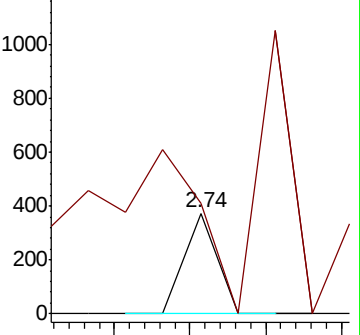
74 100

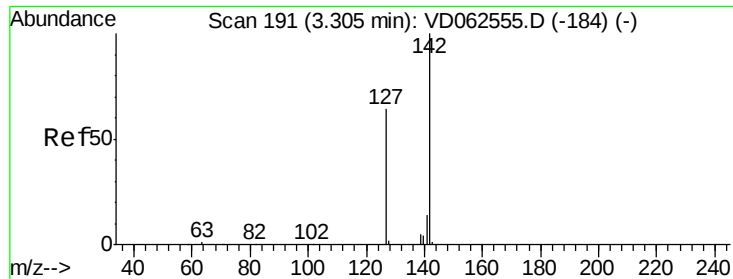
45 110.5 71.9 215.7



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

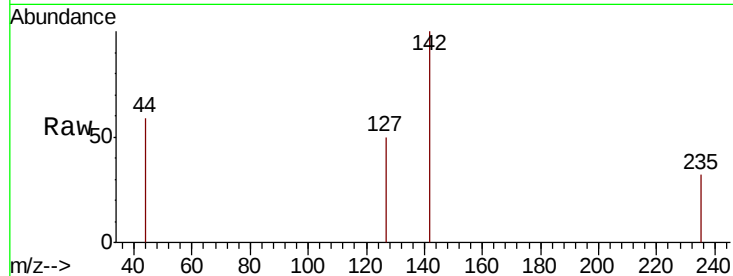




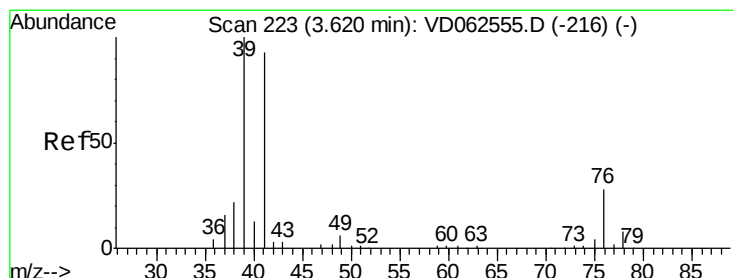
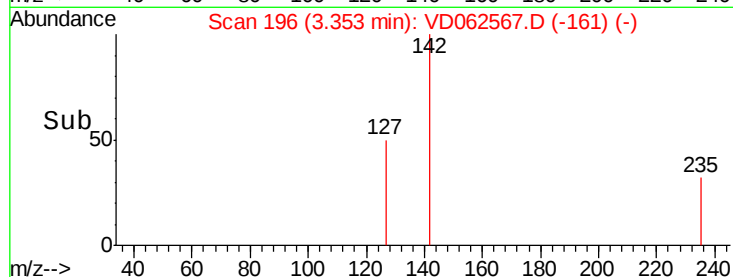
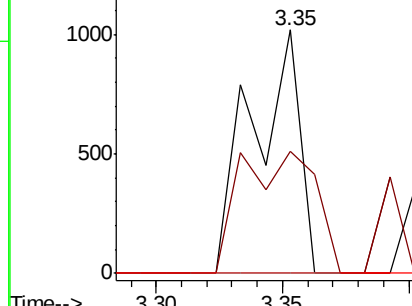
#10
Methyl Iodide
Concen: 16.022 ug/l
RT: 3.35 min Scan# 196
Delta R.T. 0.05 min
Lab File: VD062567.D
Acq: 31 May 2019 16:47

Instrument :
MSVOA_D
ClientSampleId :
20190427-HR-7

Tot Ion:142 Resp: 1334
Ion Ratio Lower Upper
142 100
127 50.1 51.2 76.8#
141 0.0 11.0 16.4#

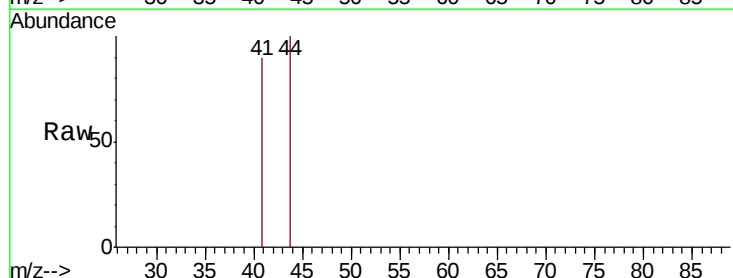


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

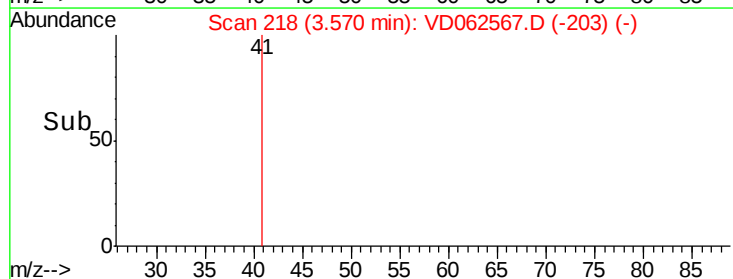
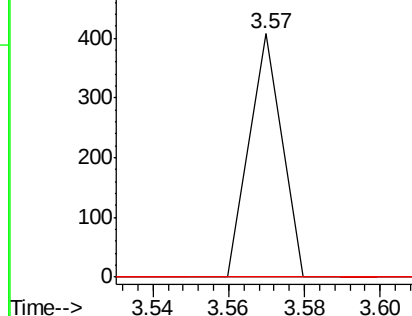


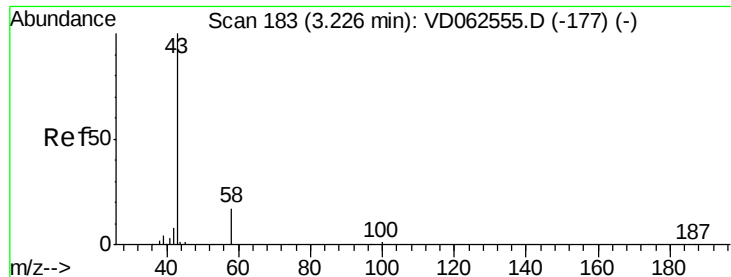
#14
Allyl chloride
Concen: 2.972 ug/l
RT: 3.57 min Scan# 218
Delta R.T. -0.05 min
Lab File: VD062567.D
Acq: 31 May 2019 16:47

Tgt Ion: 41 Resp: 241
Ion Ratio Lower Upper
41 100
39 0.0 86.3 129.5#
76 0.0 25.5 38.3#



Abundance Ion 41.05 (40.75 to 41.75): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 75.95 (75.65 to 76.65): VDC

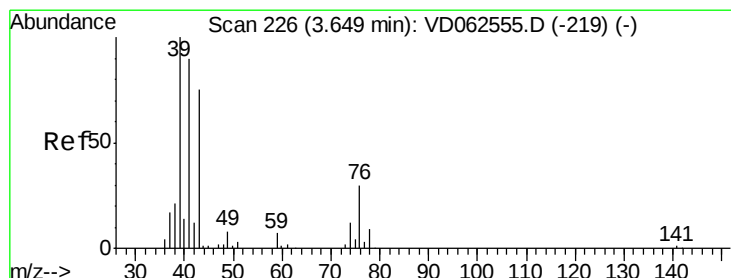
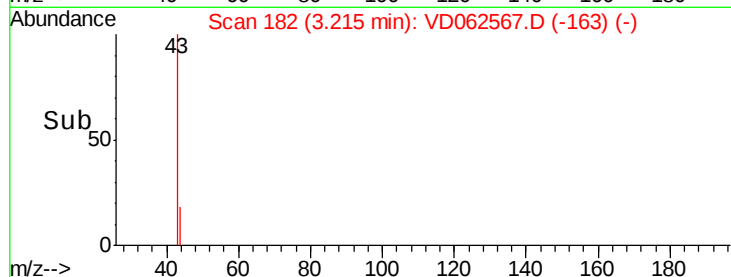
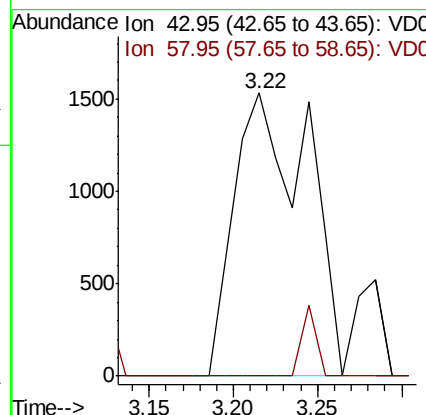
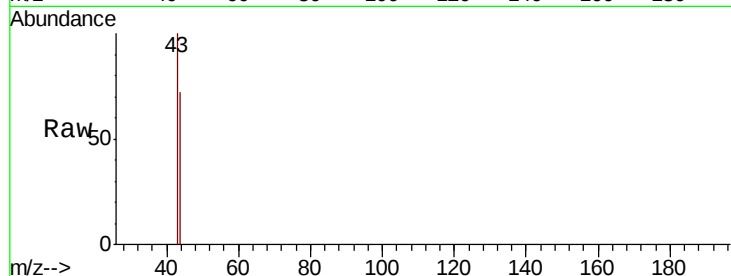




#16
Acetone
Concen: 301.107 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD062567.D
Acq: 31 May 2019 16:47

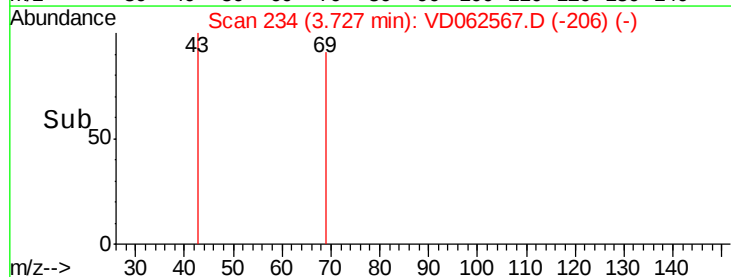
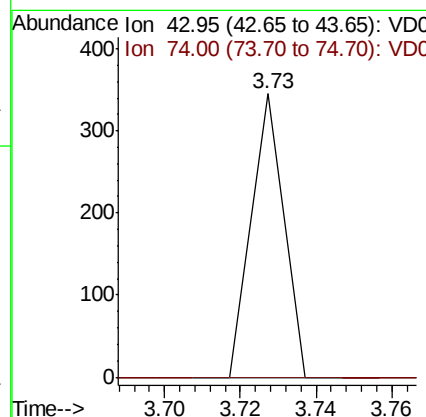
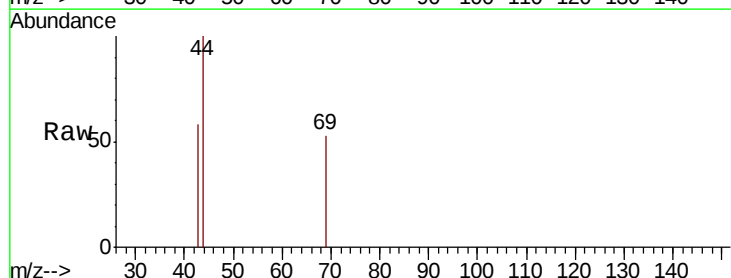
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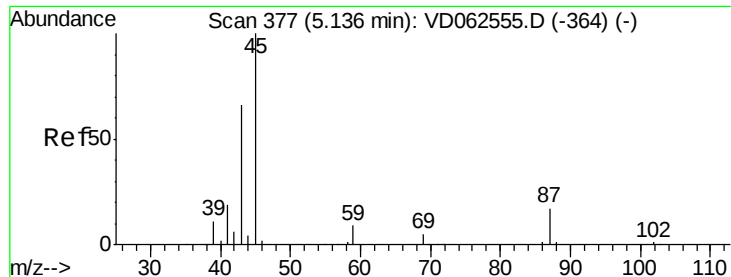
Tot Ion: 43 Resp: 4604
Ion Ratio Lower Upper
43 100
58 0.0 13.8 20.8#



#18
Methyl Acetate
Concen: 8.174 ug/l
RT: 3.73 min Scan# 234
Delta R.T. 0.08 min
Lab File: VD062567.D
Acq: 31 May 2019 16:47

Tgt Ion: 43 Resp: 204
Ion Ratio Lower Upper
43 100
74 0.0 12.5 18.7#





#22

Diisopropyl ether

Concen: 1.153 ug/l

RT: 5.08 min Scan# 371

Delta R.T. -0.06 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

20190427-HR-7

Tot Ion: 45 Resp: 191

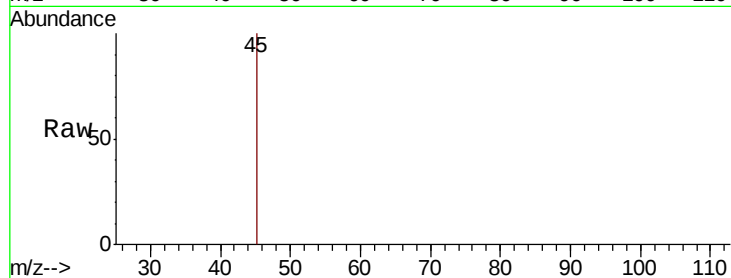
Ion Ratio Lower Upper

45 100

43 0.0 53.6 80.4#

87 0.0 14.2 21.4#

59 0.0 7.3 10.9#

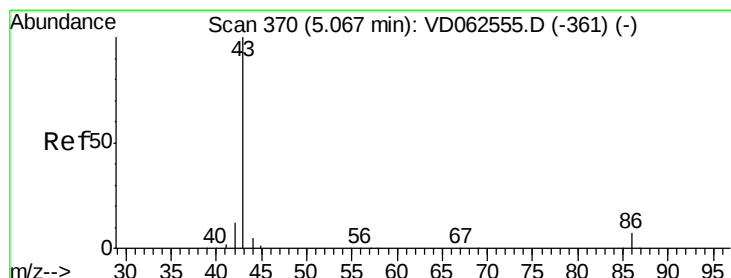
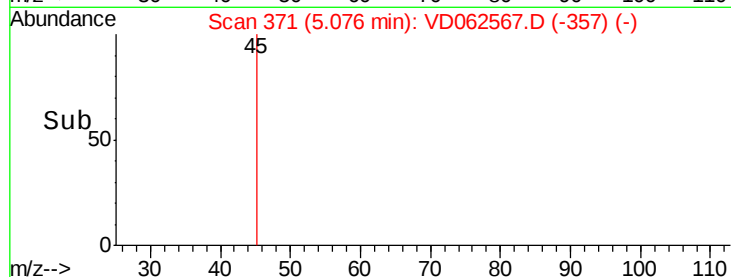
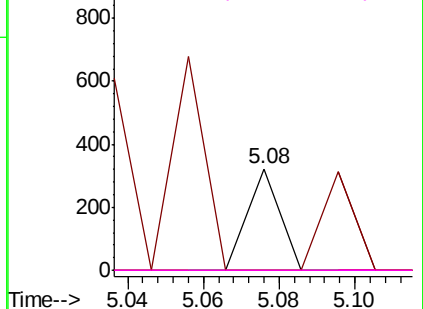


Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC



#23

Vinyl Acetate

Concen: 1.921 ug/l

RT: 4.94 min Scan# 357

Delta R.T. -0.13 min

Lab File: VD062567.D

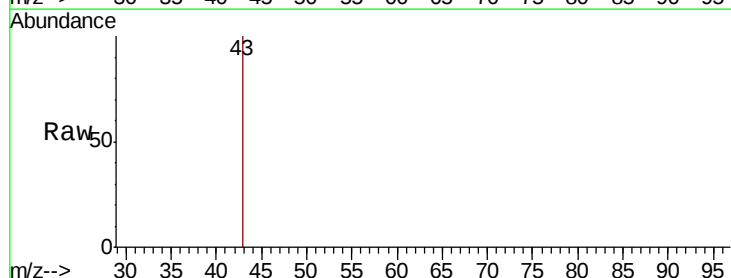
Acq: 31 May 2019 16:47

Tgt Ion: 43 Resp: 193

Ion Ratio Lower Upper

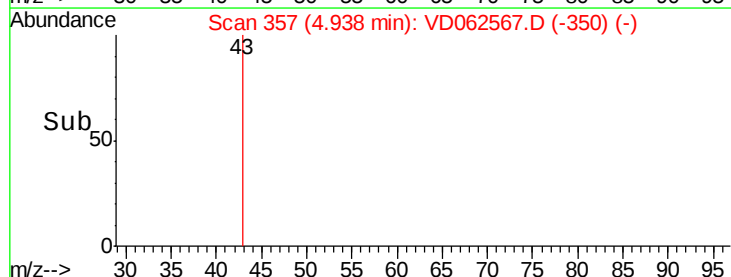
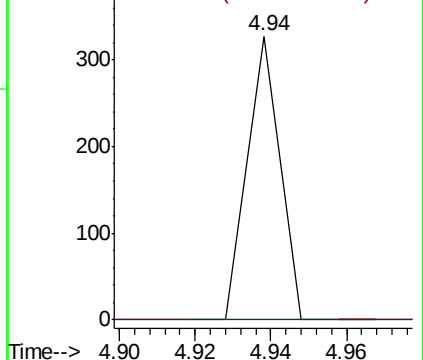
43 100

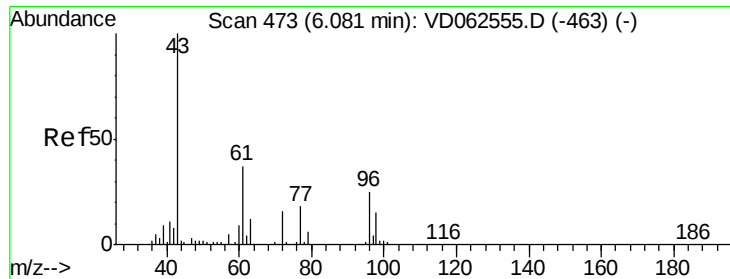
86 0.0 5.5 8.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC





#25

2-Butanone

Concen: 67.846 ug/l

RT: 6.11 min Scan# 476

Delta R.T. 0.03 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

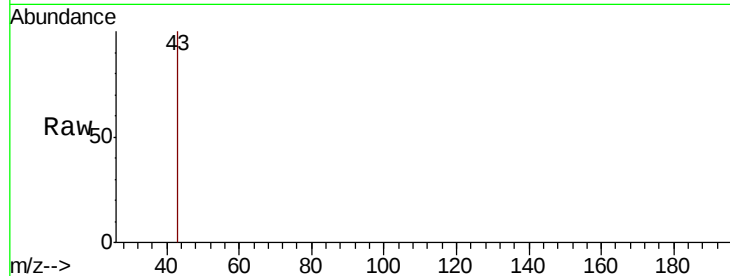
20190427-HR-7

Tot Ion: 43 Resp: 977

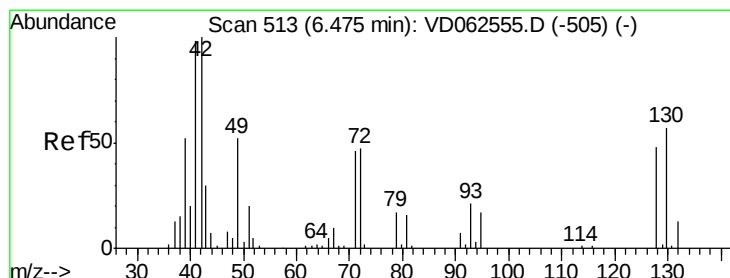
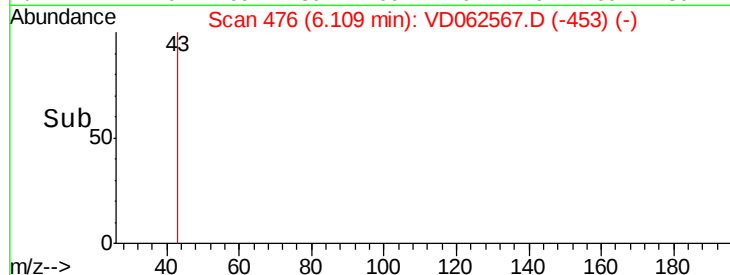
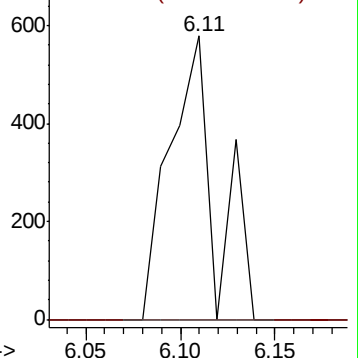
Ion Ratio Lower Upper

43 100

72 0.0 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC



#29

Tetrahydrofuran

Concen: 29.765 ug/l

RT: 6.10 min Scan# 475

Delta R.T. -0.37 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

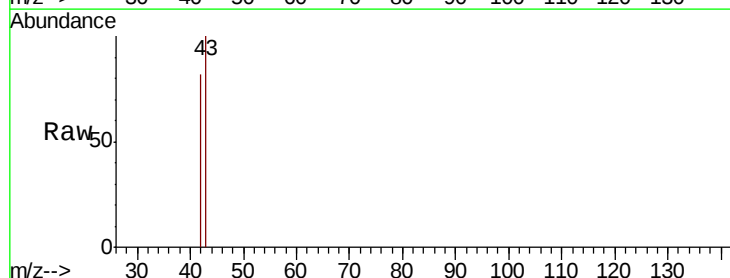
Tgt Ion: 42 Resp: 192

Ion Ratio Lower Upper

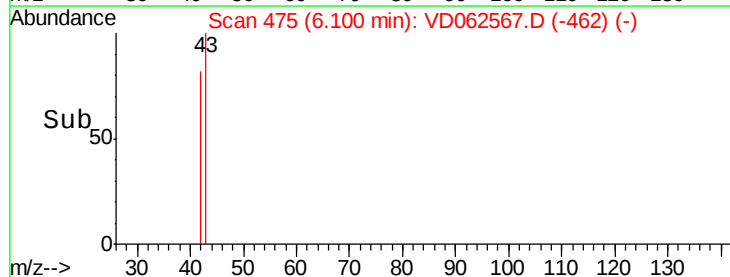
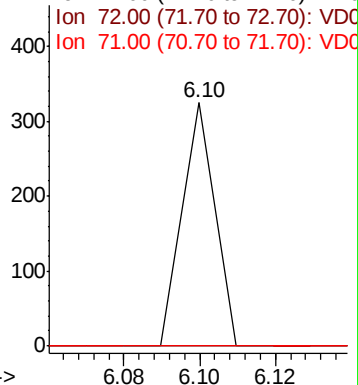
42 100

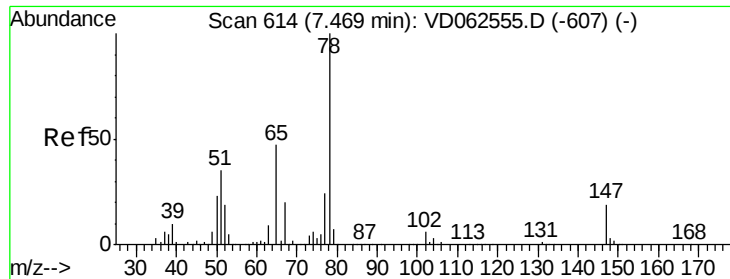
72 0.0 34.5 51.7#

71 0.0 33.0 49.6#



Abundance Ion 42.00 (41.70 to 42.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 40.773 ug/l

RT: 7.47 min Scan# 614

Delta R.T. -0.00 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

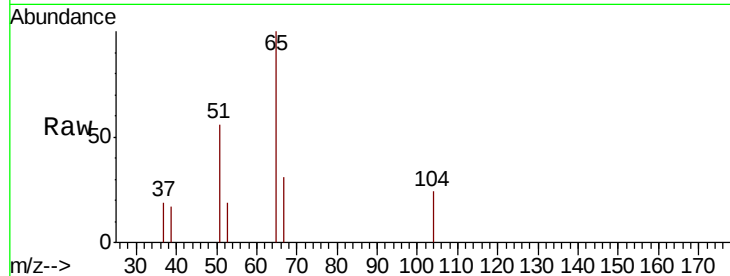
20190427-HR-7

Tot Ion: 65 Resp: 3173

Ion Ratio Lower Upper

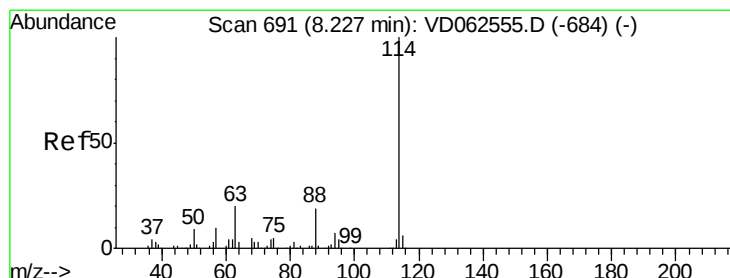
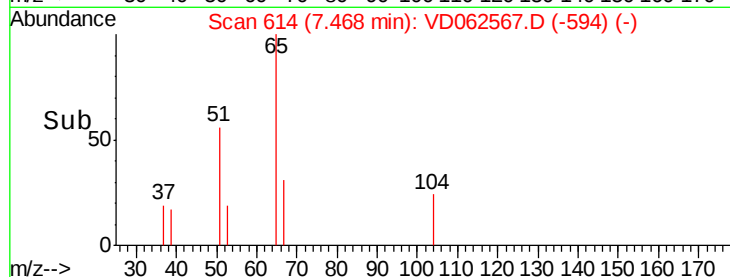
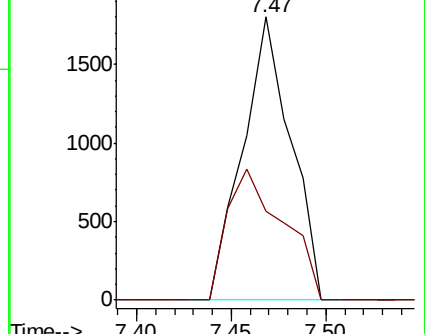
65 100

67 31.2 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: 8.24 min Scan# 692

Delta R.T. 0.01 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

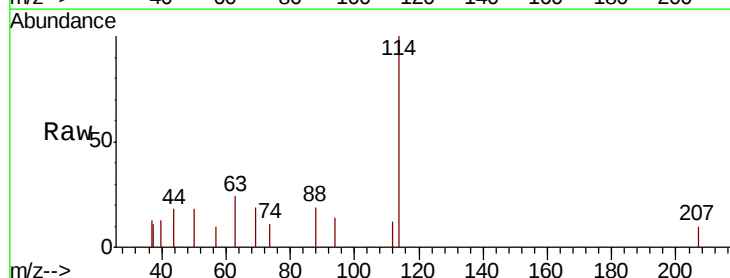
Tgt Ion: 114 Resp: 8366

Ion Ratio Lower Upper

114 100

63 24.2 0.0 40.6

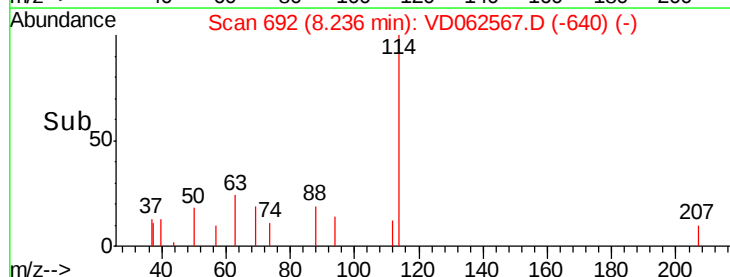
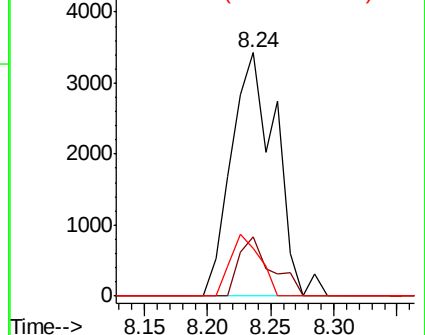
88 19.4 0.0 37.6

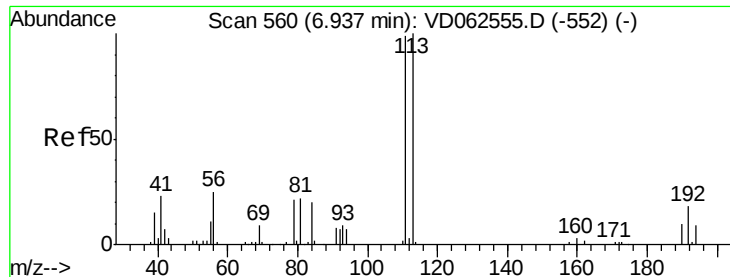


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 45.844 ug/l

RT: 6.94 min Scan# 560

Delta R.T. -0.00 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

20190427-HR-7

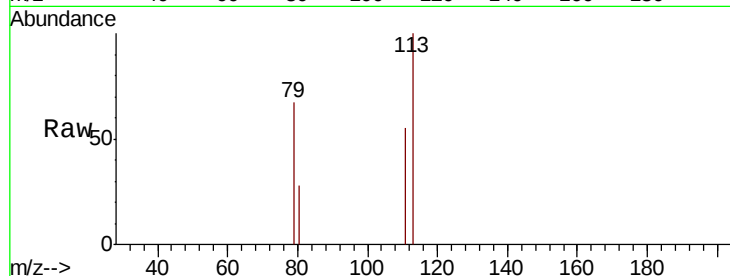
Tot Ion:113 Resp: 3495

Ion Ratio Lower Upper

113 100

111 54.8 78.8 118.2#

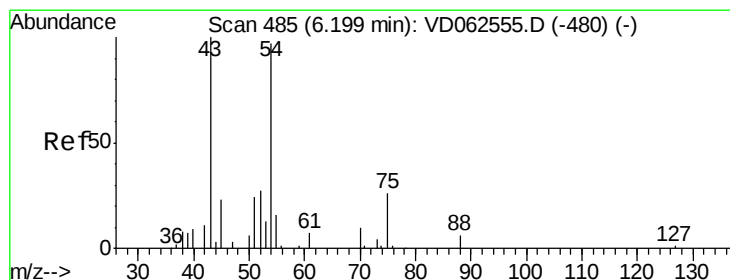
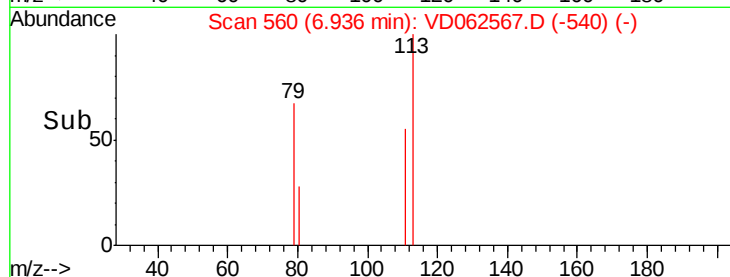
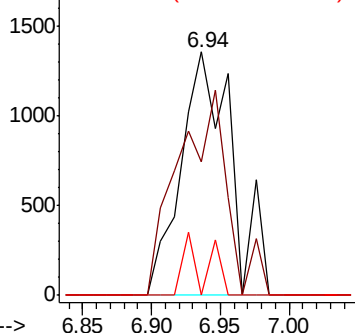
192 0.0 14.6 22.0#



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



#37

Ethyl Acetate

Concen: 27.827 ug/l

RT: 6.11 min Scan# 476

Delta R.T. -0.09 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

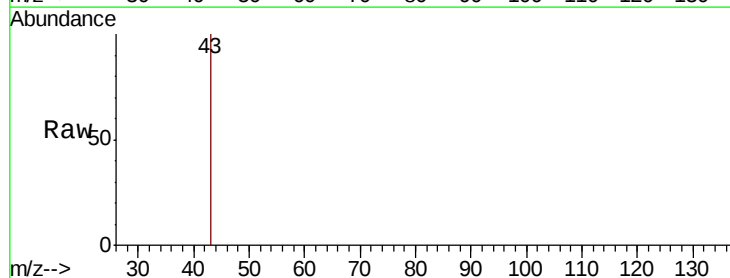
Tgt Ion: 43 Resp: 977

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

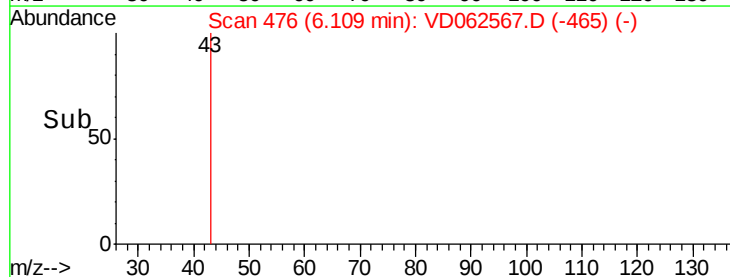
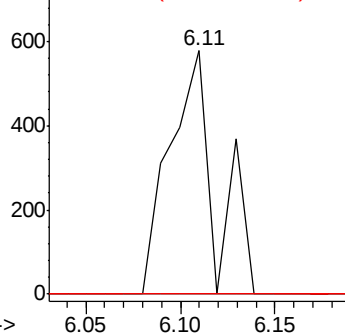
70 0.0 6.5 9.7#

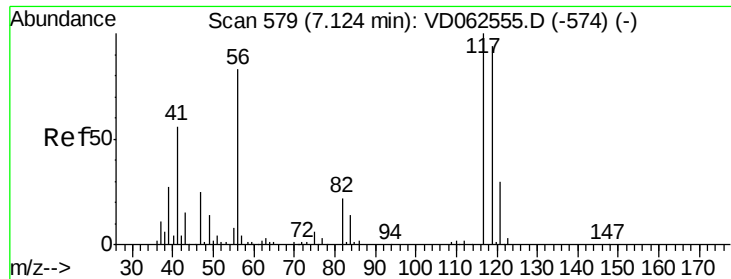


Abundance Ion 42.95 (42.65 to 43.65): V

Ion 60.95 (60.65 to 61.65): V

Ion 70.00 (69.70 to 70.70): V





#38

Carbon Tetrachloride

Concen: 1.532 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.09 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

20190427-HR-7

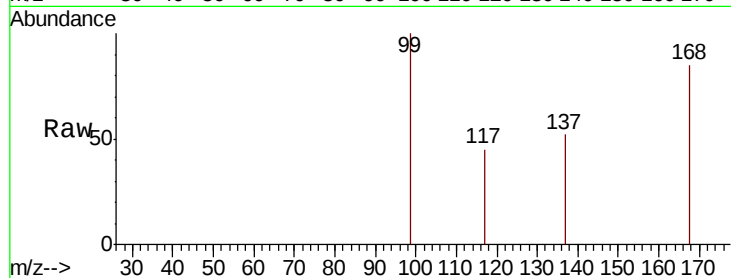
Tot Ion:117 Resp: 190

Ion Ratio Lower Upper

117 100

119 0.0 71.4 107.2#

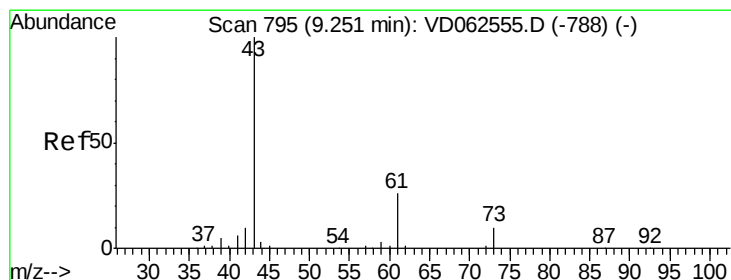
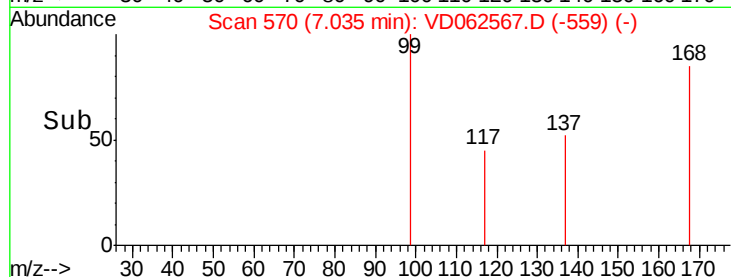
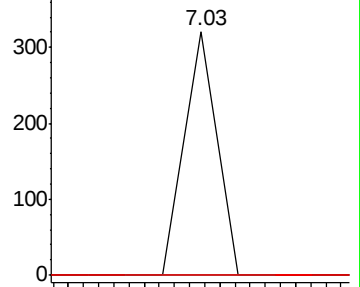
121 0.0 22.5 33.7#



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



#43

Isopropyl Acetate

Concen: 5.561 ug/l

RT: 8.97 min Scan# 767

Delta R.T. -0.28 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

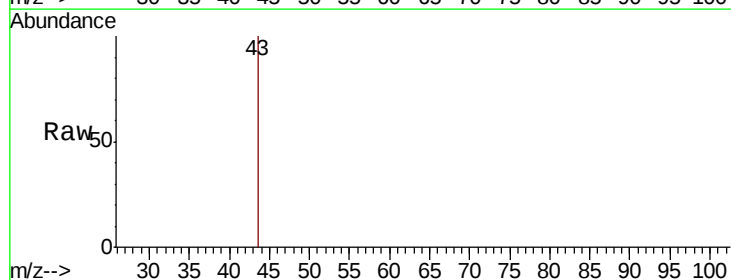
Tgt Ion: 43 Resp: 243

Ion Ratio Lower Upper

43 100

61 0.0 20.5 30.7#

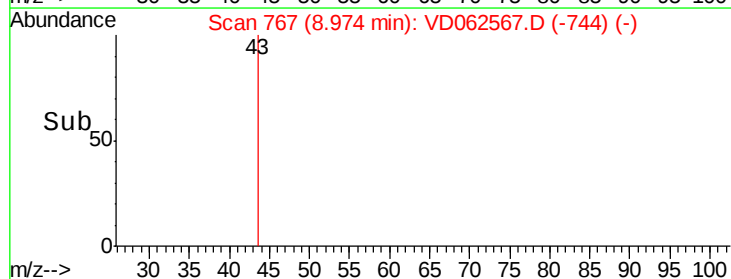
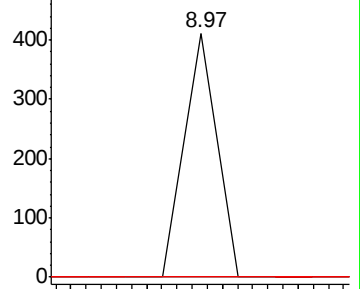
87 0.0 0.2 0.2#

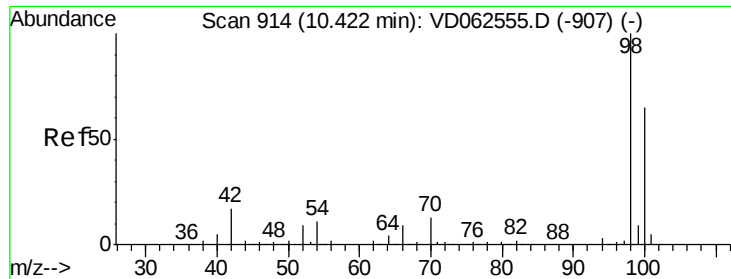


Abundance Ion 42.95 (42.65 to 43.65): V

Ion 60.95 (60.65 to 61.65): V

Ion 87.00 (86.70 to 87.70): V

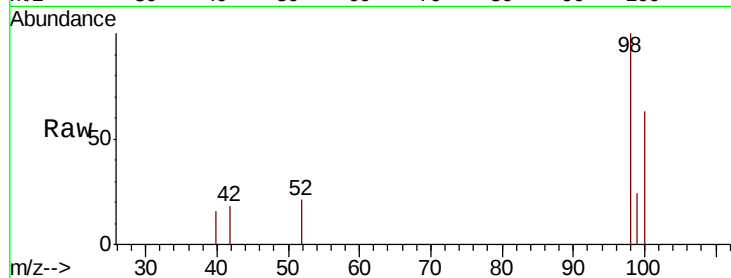




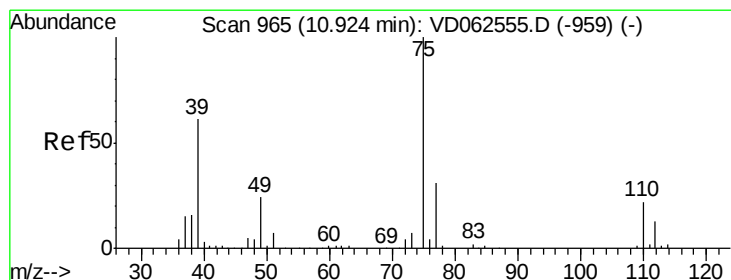
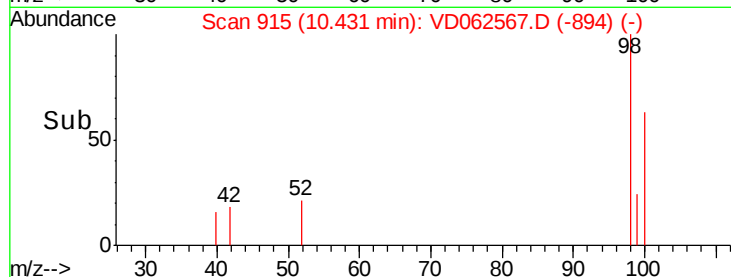
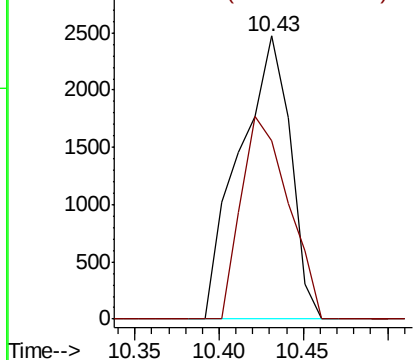
#50
Toluene-d8
Concen: 31.023 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD062567.D
Acq: 31 May 2019 16:47

Instrument :
MSVOA_D
ClientSampleId :
20190427-HR-7

Tot Ion: 98 Resp: 5182
Ion Ratio Lower Upper
98 100
100 62.9 52.3 78.5

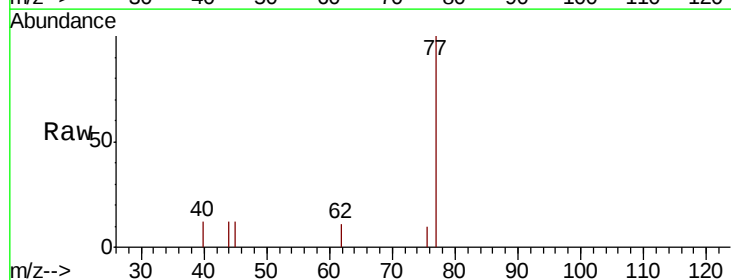


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

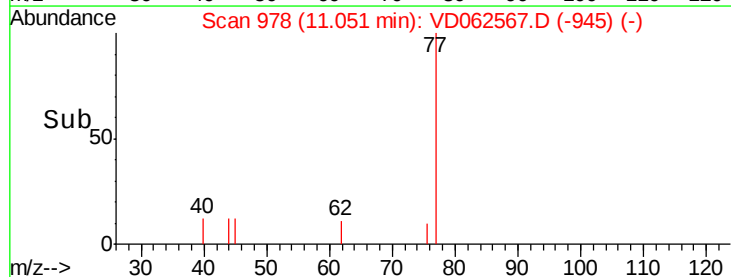
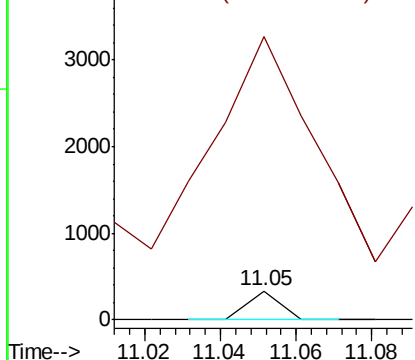


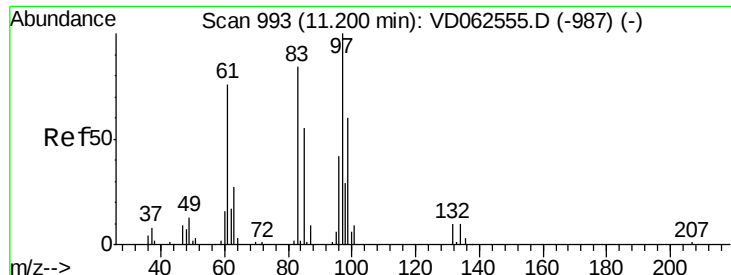
#53
t-1,3-Dichloropropene
Concen: 2.527 ug/l
RT: 11.05 min Scan# 978
Delta R.T. 0.13 min
Lab File: VD062567.D
Acq: 31 May 2019 16:47

Tgt Ion: 75 Resp: 198
Ion Ratio Lower Upper
75 100
77 972.3 24.5 36.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC





#55

1,1,2-Trichloroethane

Concen: 6.447 ug/l

RT: 11.28 min Scan# 1001

Delta R.T. 0.08 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

20190427-HR-7

Tot Ion: 97 Resp: 236

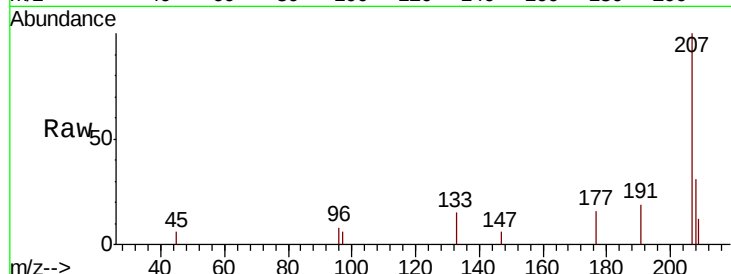
Ion Ratio Lower Upper

97 100

83 0.0 67.3 100.9#

85 0.0 43.8 65.8#

99 0.0 48.2 72.2#

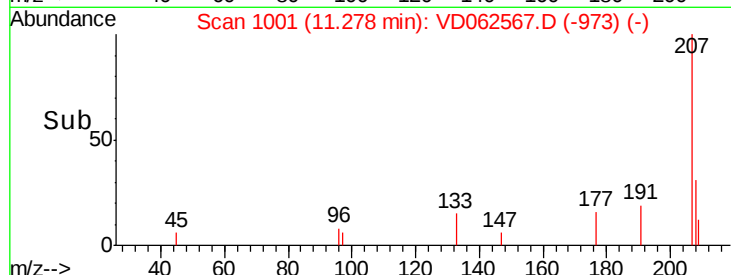
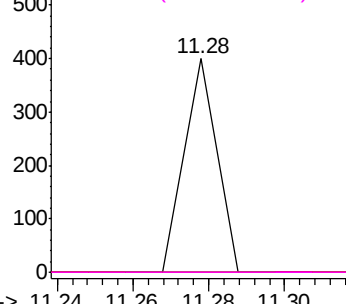


Abundance Ion 96.85 (96.55 to 97.55): VDC

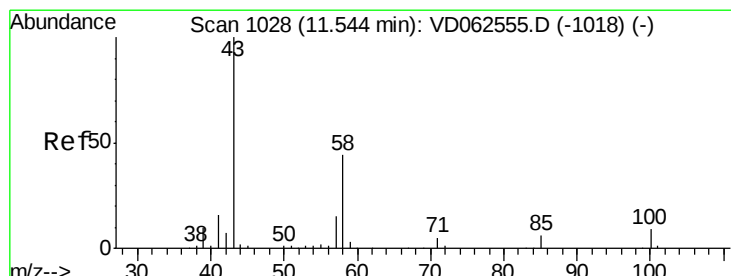
Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



Time-->



#59

2-Hexanone

Concen: 8.651 ug/l

RT: 11.67 min Scan# 1041

Delta R.T. 0.13 min

Lab File: VD062567.D

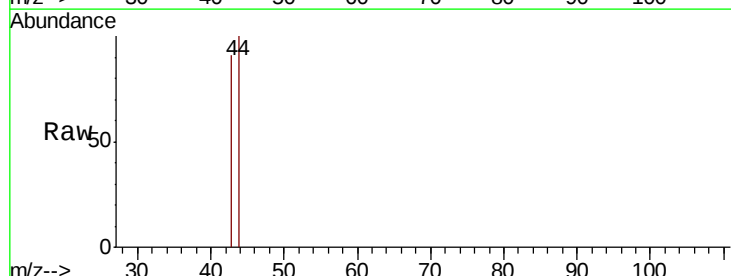
Acq: 31 May 2019 16:47

Tgt Ion: 43 Resp: 185

Ion Ratio Lower Upper

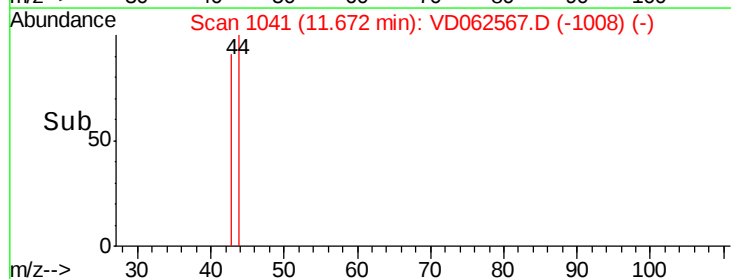
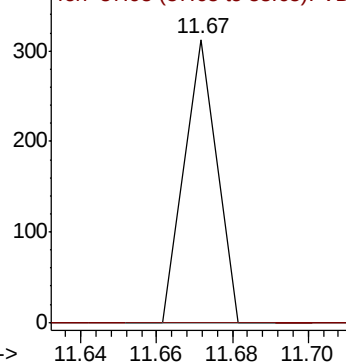
43 100

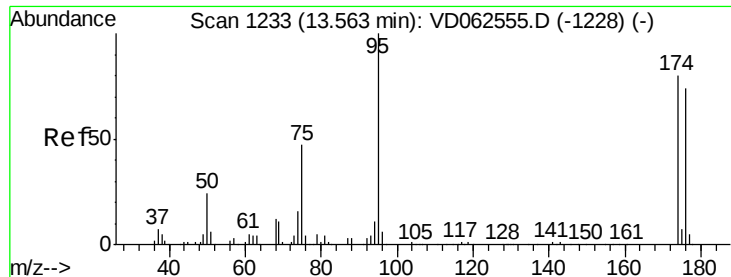
58 0.0 22.0 66.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#62

4-Bromofluorobenzene

Concen: 39.507 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

20190427-HR-7

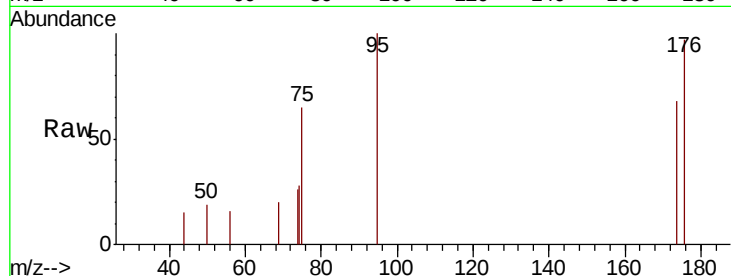
Tot Ion: 95 Resp: 2976

Ion Ratio Lower Upper

95 100

174 67.6 0.0 160.2

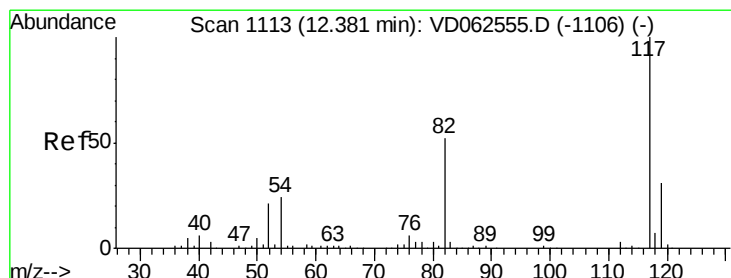
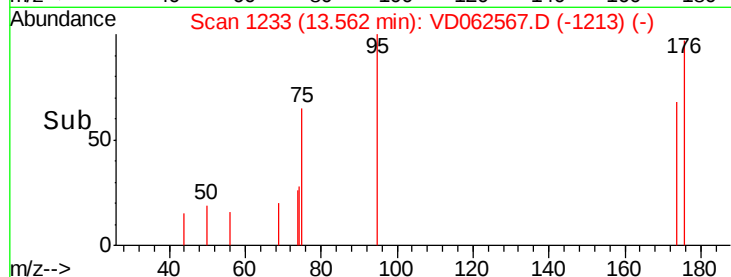
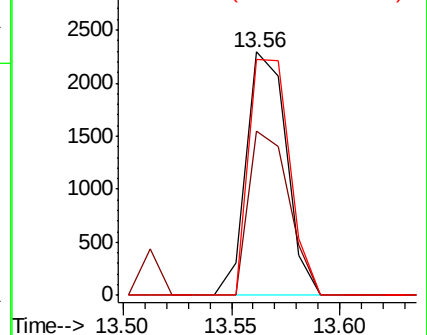
176 96.7 0.0 148.0



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

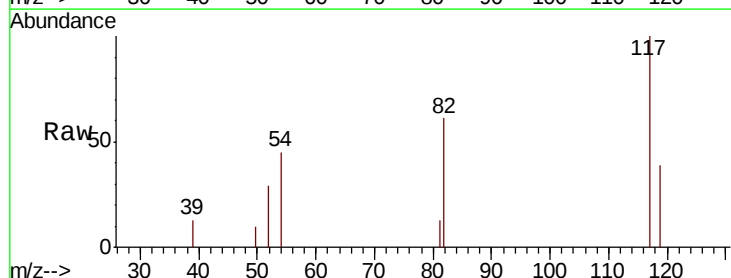
Tgt Ion: 117 Resp: 7233

Ion Ratio Lower Upper

117 100

82 61.0 41.4 62.2

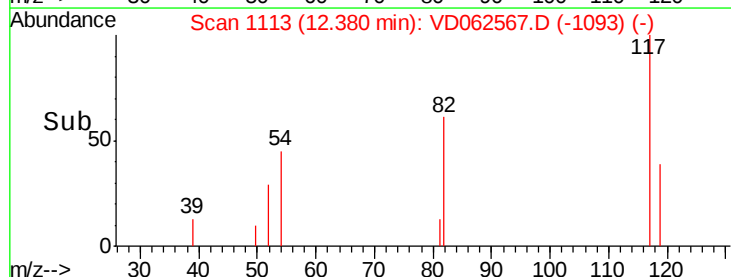
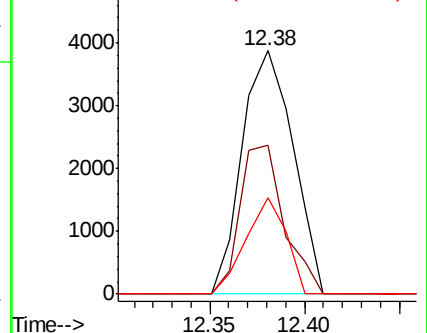
119 39.4 24.9 37.3#

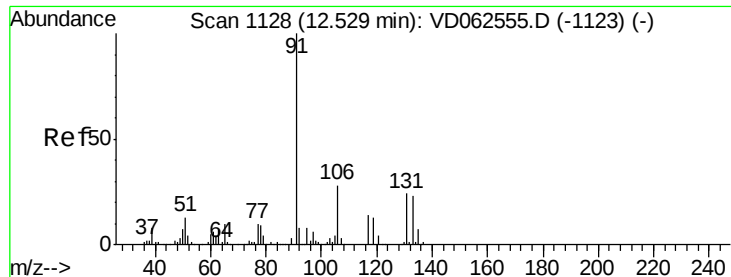


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

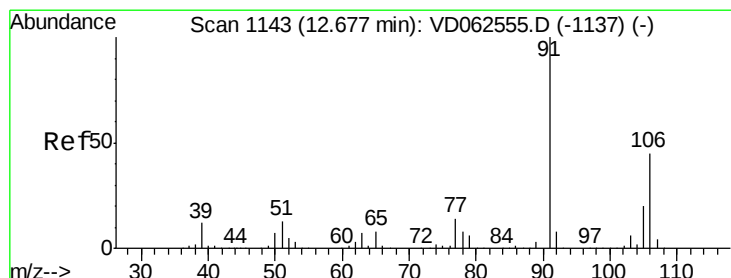
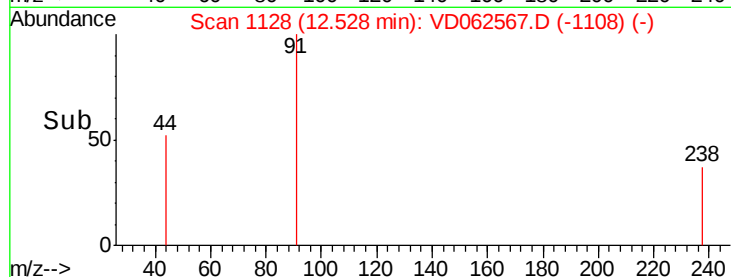
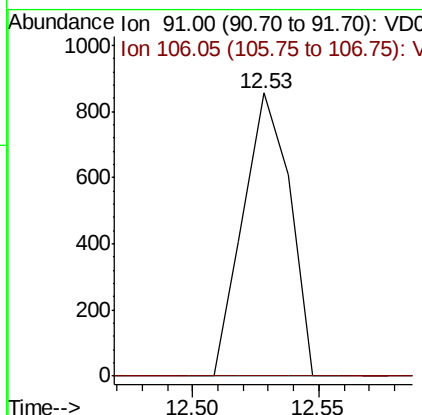
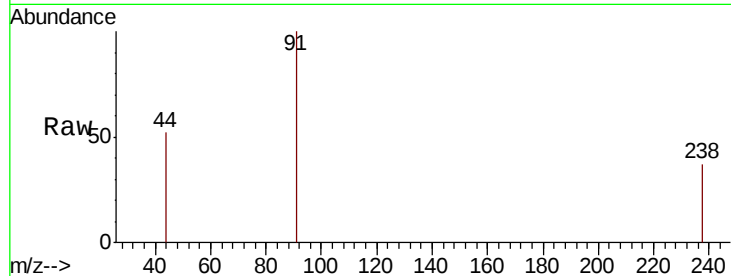




#67
Ethyl Benzene
Concen: 4.288 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VD062567.D
Acq: 31 May 2019 16:47

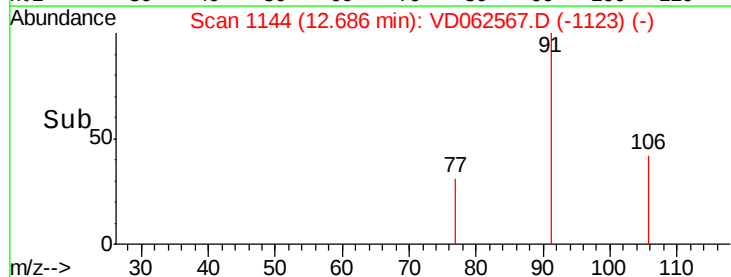
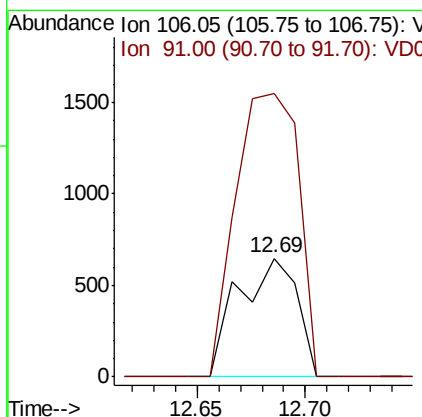
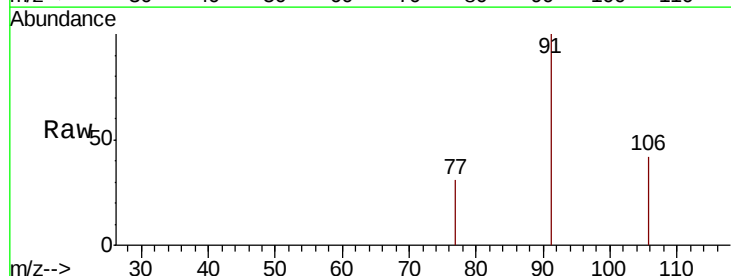
Instrument :
MSVOA_D
ClientSampleId :
20190427-HR-7

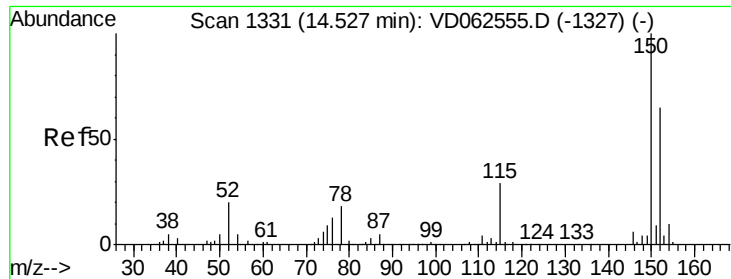
Tot Ion: 91 Resp: 1107
Ion Ratio Lower Upper
91 100
106 0.0 22.2 33.2#



#68
m/p-Xylenes
Concen: 13.840 ug/l
RT: 12.69 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VD062567.D
Acq: 31 May 2019 16:47

Tgt Ion:106 Resp: 1236
Ion Ratio Lower Upper
106 100
91 239.1 178.9 268.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. -0.00 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

20190427-HR-7

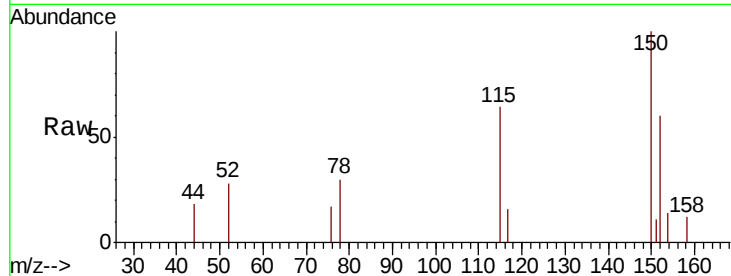
Tot Ion:152 Resp: 2599

Ion Ratio Lower Upper

152 100

115 107.7 28.4 85.3#

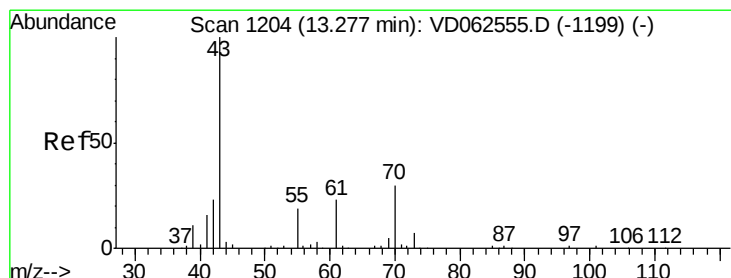
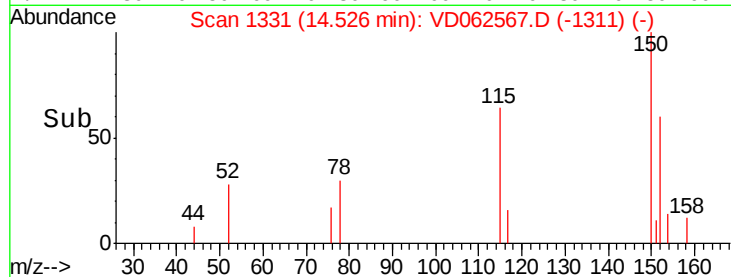
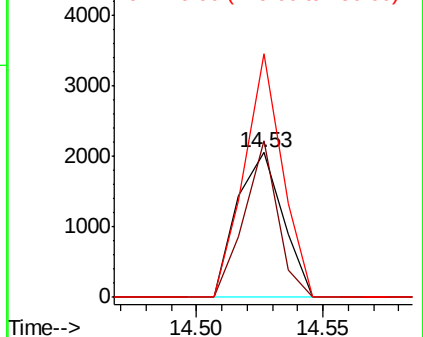
150 167.9 0.0 310.4



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



#74

N-ethyl acetate

Concen: 4.257 ug/l

RT: 13.20 min Scan# 1196

Delta R.T. -0.08 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Tgt Ion: 43 Resp: 186

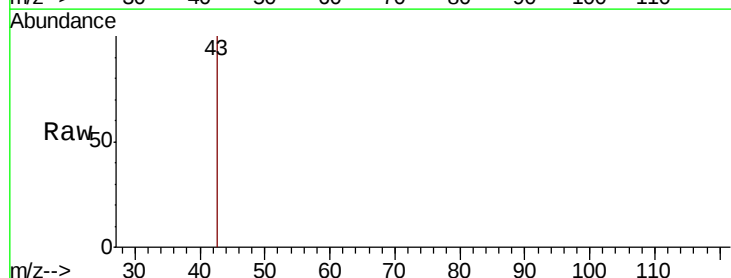
Ion Ratio Lower Upper

43 100

70 0.0 23.7 35.5#

55 0.0 15.0 22.4#

61 0.0 18.4 27.6#

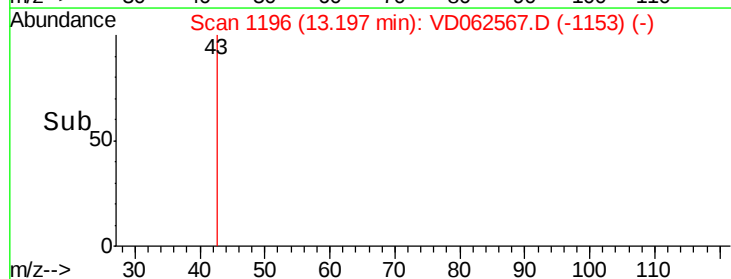
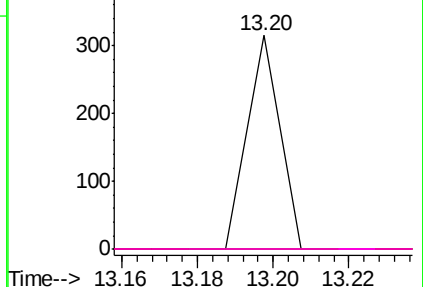


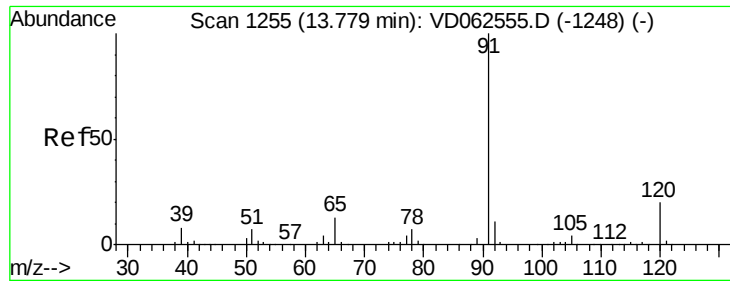
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#78

n-propylbenzene

Concen: 2.263 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

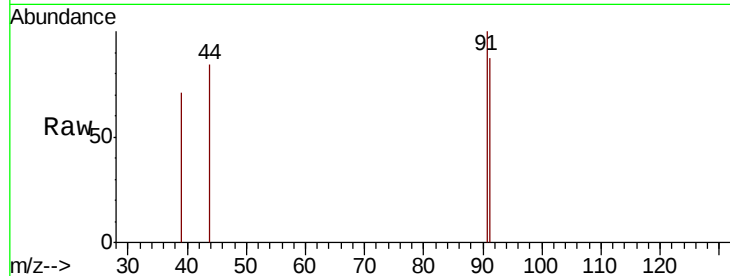
20190427-HR-7

Tot Ion: 91 Resp: 447

Ion Ratio Lower Upper

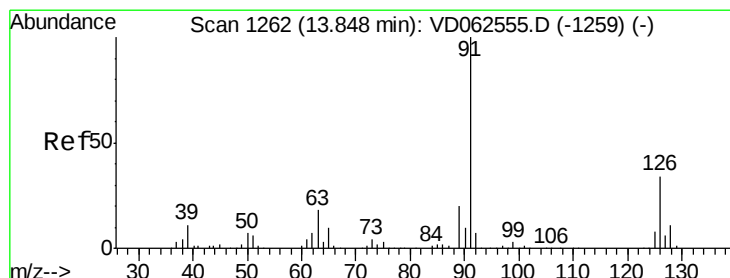
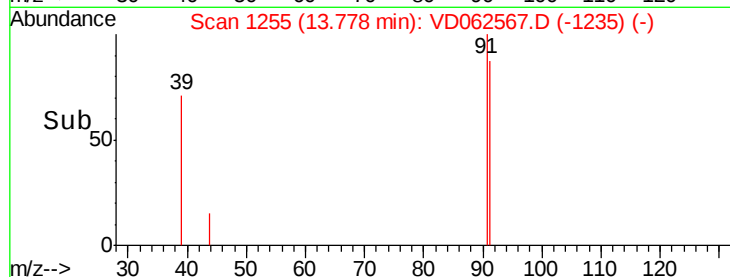
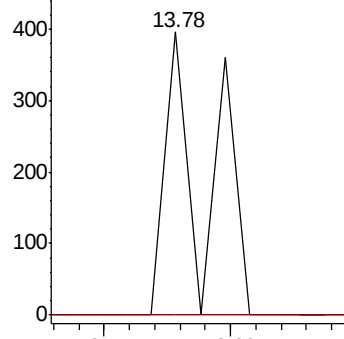
91 100

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: 3.903 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.07 min

Lab File: VD062567.D

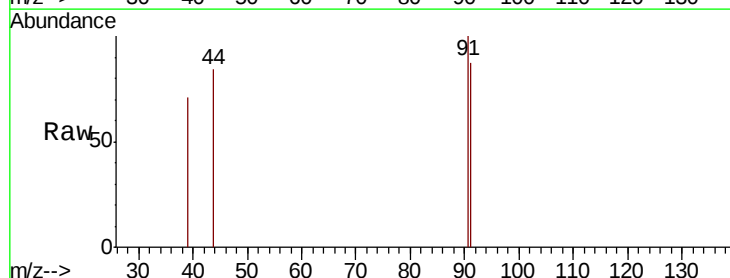
Acq: 31 May 2019 16:47

Tgt Ion: 91 Resp: 447

Ion Ratio Lower Upper

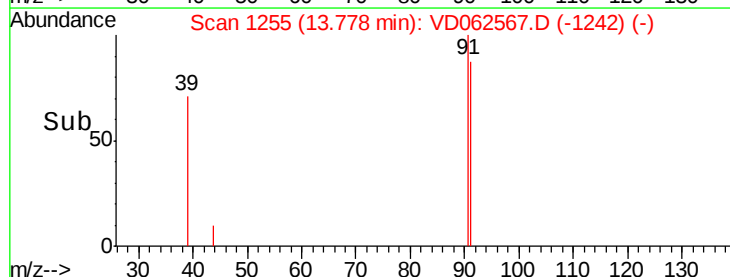
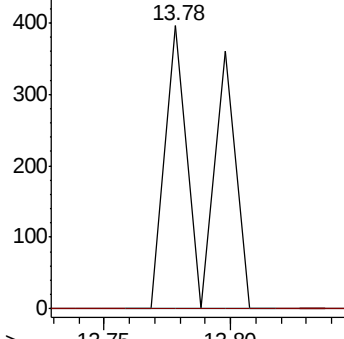
91 100

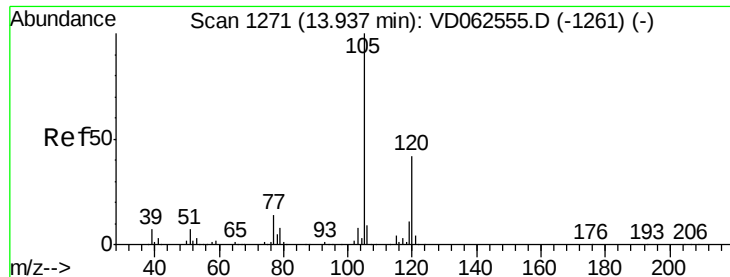
126 0.0 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V





#80

1,3,5-Trimethylbenzene

Concen: 3.060 ug/l

RT: 13.90 min Scan# 1267

Delta R.T. -0.04 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

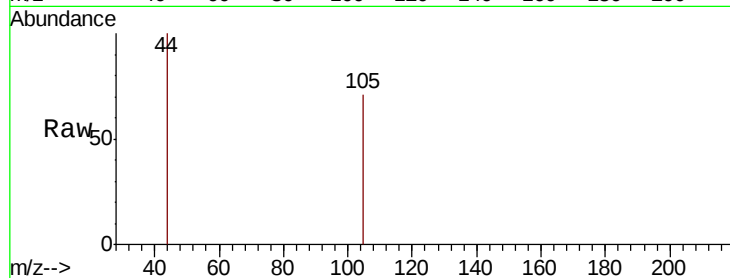
20190427-HR-7

Tot Ion:105 Resp: 448

Ion Ratio Lower Upper

105 100

120 0.0 20.8 62.5#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.90

400

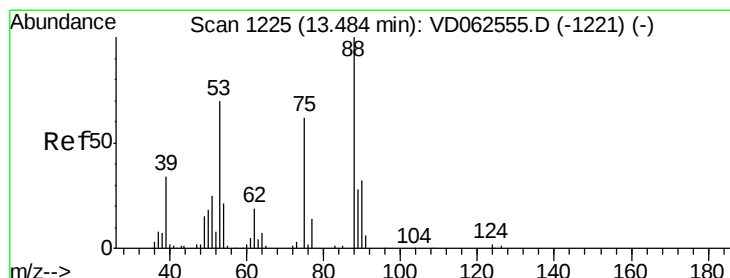
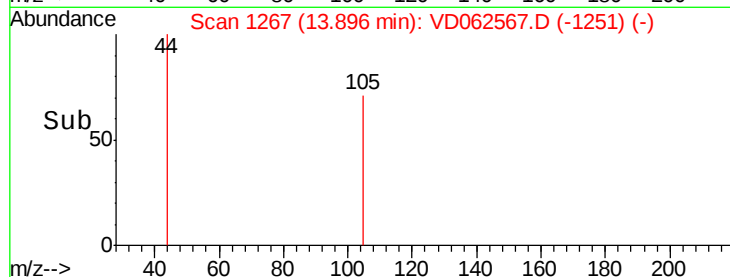
300

200

100

0

Time--> 13.86 13.88 13.90 13.92



#81

trans-1,4-Dichloro-2-butene

Concen: 150.204 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

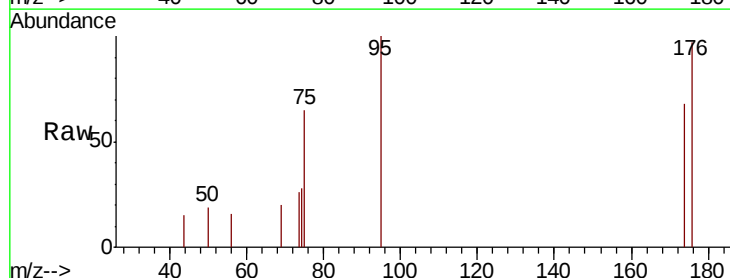
Tgt Ion: 75 Resp: 1342

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

2000

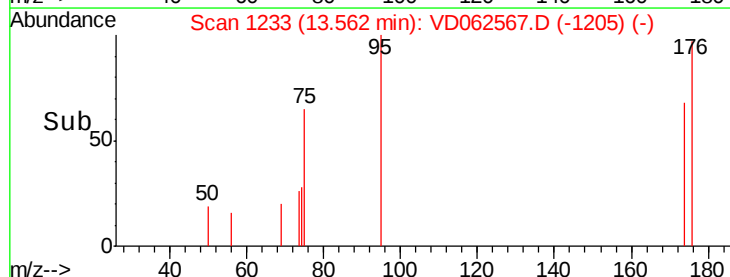
1500

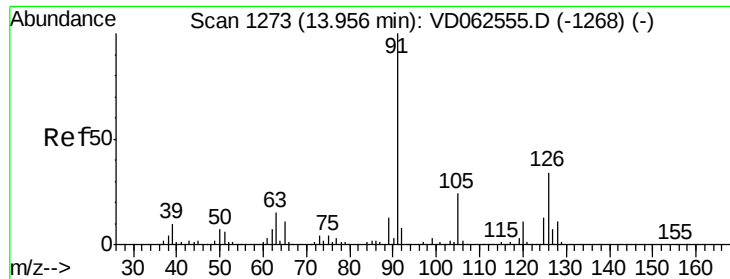
1000

500

0

Time--> 13.55 13.60

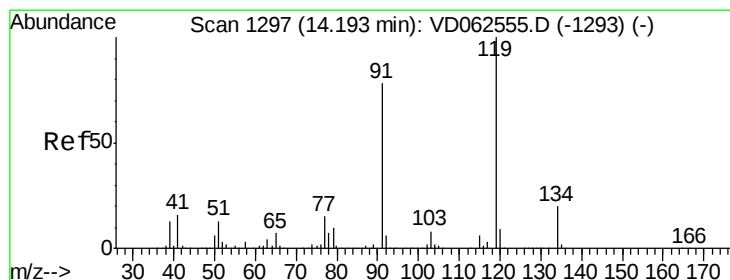
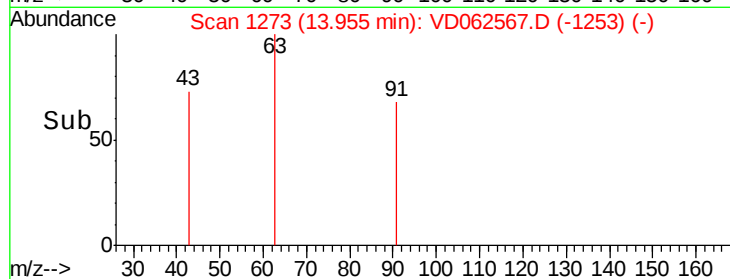
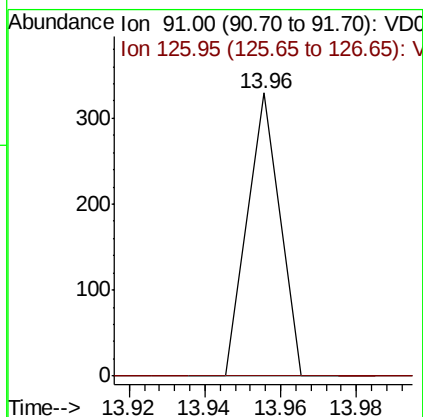
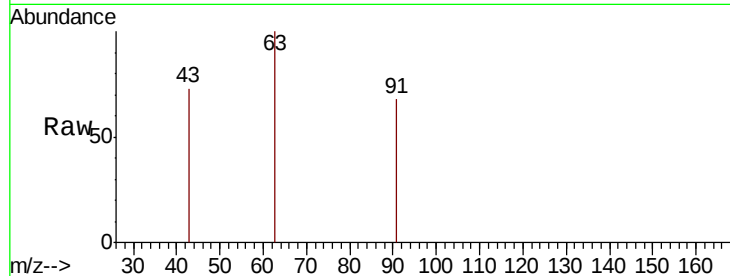




#82
4-Chlorotoluene
Concen: 1.415 ug/l
RT: 13.96 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VD062567.D
Acq: 31 May 2019 16:47

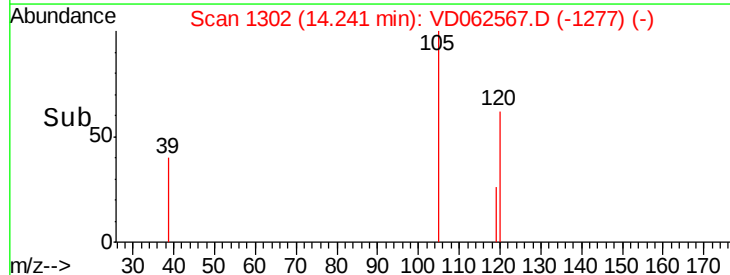
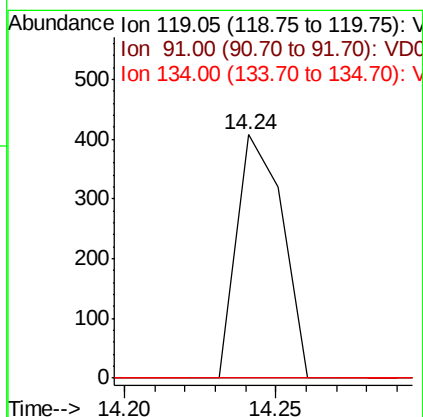
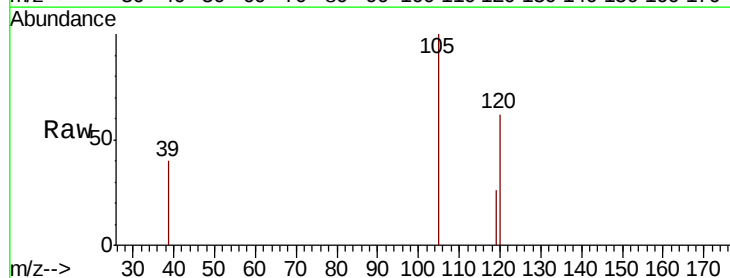
Instrument :
MSVOA_D
ClientSampleId :
20190427-HR-7

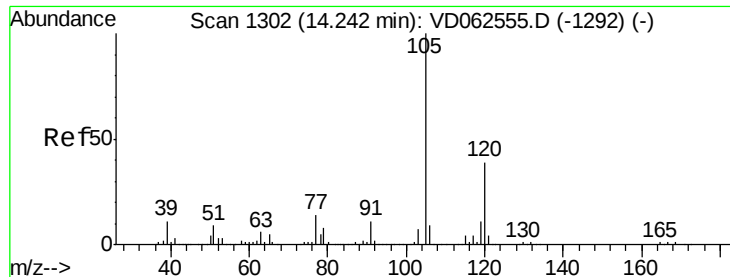
Tot Ion: 91 Resp: 194
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#



#83
tert-Butylbenzene
Concen: 2.632 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.05 min
Lab File: VD062567.D
Acq: 31 May 2019 16:47

Tgt Ion: 119 Resp: 430
Ion Ratio Lower Upper
119 100
91 0.0 39.1 117.5#
134 0.0 10.1 30.3#

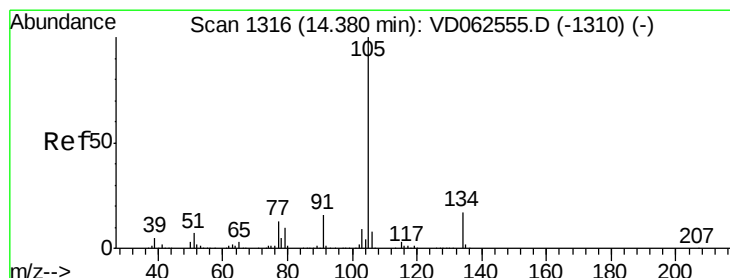
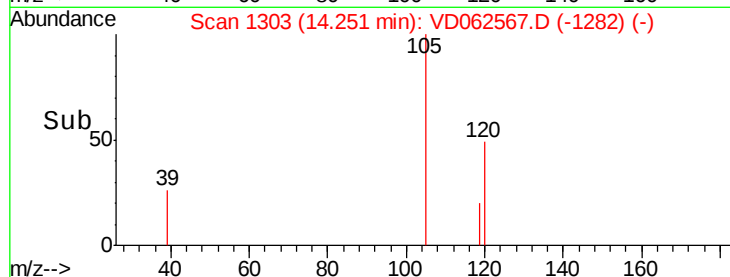
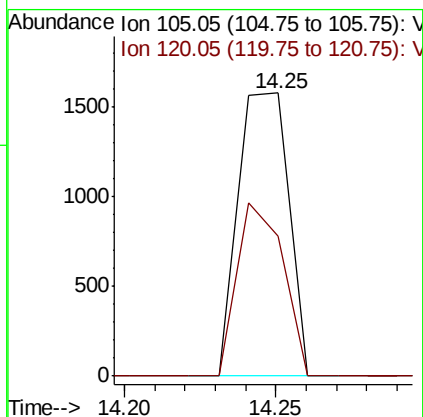
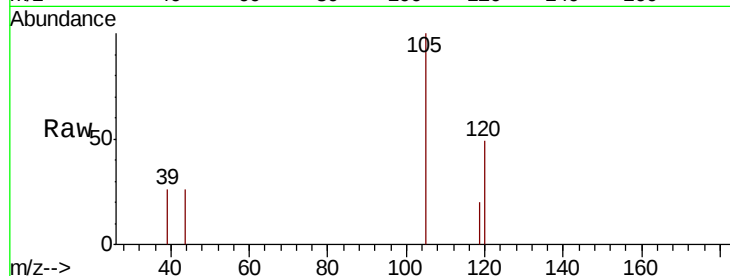




#84
 1,2,4-Trimethylbenzene
 Concen: 12.467 ug/l
 RT: 14.25 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: VD062567.D
 Acq: 31 May 2019 16:47

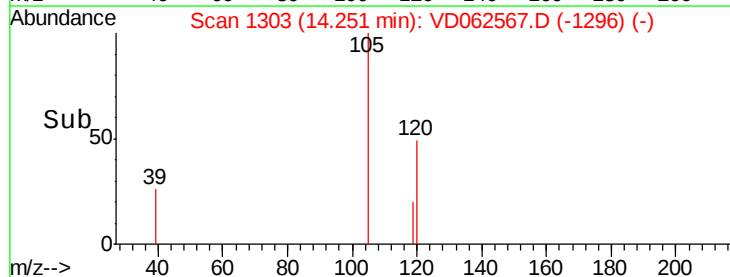
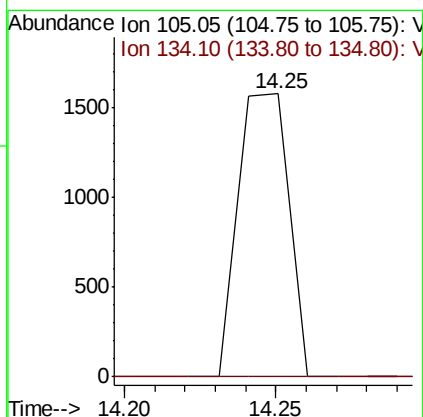
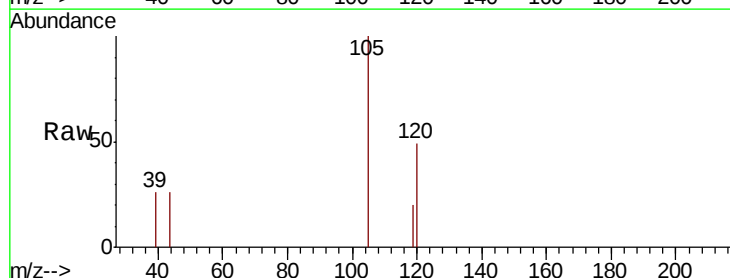
Instrument :
 MSVOA_D
 ClientSampleId :
 20190427-HR-7

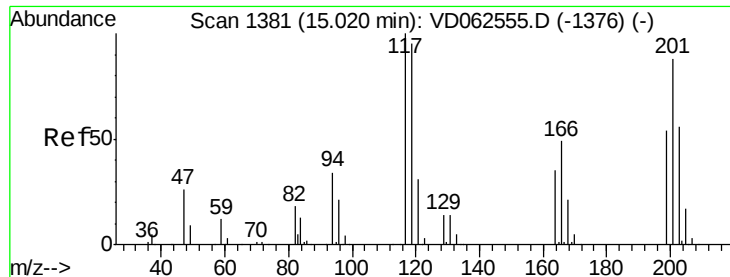
Tot Ion:105 Resp: 1860
 Ion Ratio Lower Upper
 105 100
 120 49.3 19.6 58.8



#85
 sec-Butylbenzene
 Concen: 10.747 ug/l
 RT: 14.25 min Scan# 1303
 Delta R.T. -0.13 min
 Lab File: VD062567.D
 Acq: 31 May 2019 16:47

Tgt Ion:105 Resp: 1860
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.7 26.1#





#90

Hexachloroethane

Concen: 5.735 ug/l

RT: 15.15 min Scan# 1394

Delta R.T. 0.13 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

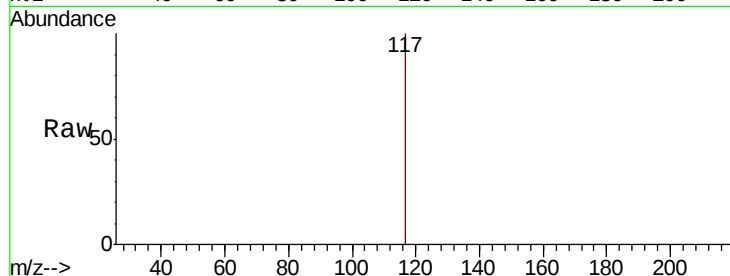
20190427-HR-7

Tot Ion:117 Resp: 246

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

15.15

400

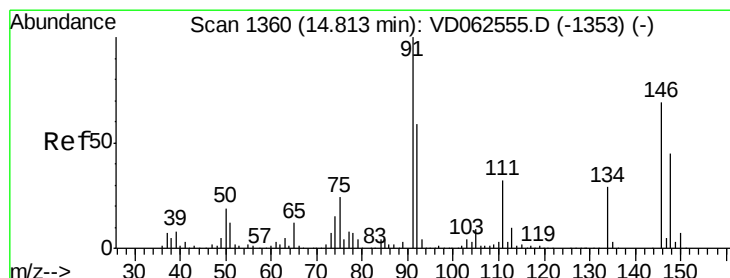
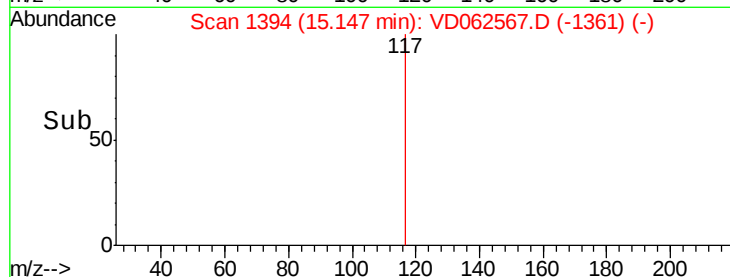
300

200

100

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 3.591 ug/l

RT: 14.96 min Scan# 1375

Delta R.T. 0.15 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

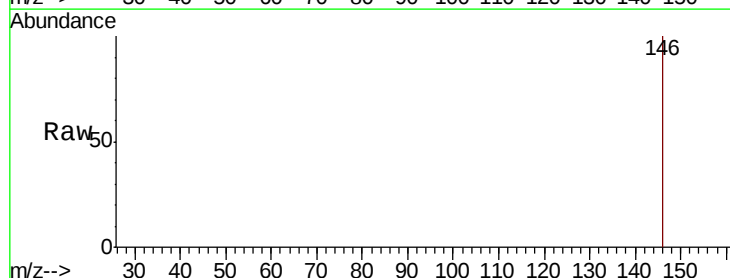
Tgt Ion:146 Resp: 246

Ion Ratio Lower Upper

146 100

111 0.0 22.8 68.4#

148 0.0 32.3 96.9#



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

14.96

500

400

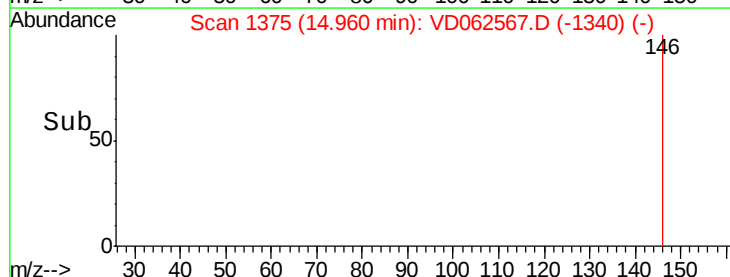
300

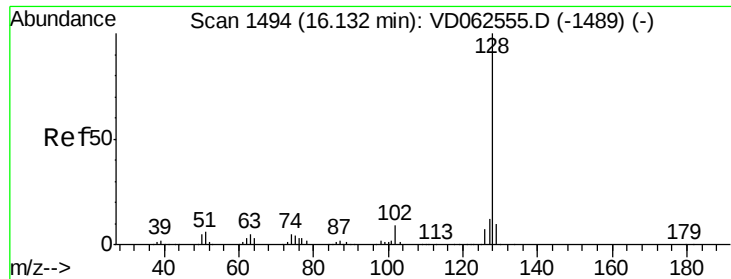
200

100

0

Time-->





#95

Naphthalene

Concen: 5.617 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VD062567.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

20190427-HR-7

Tot Ion:128 Resp: 419

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

129 0.0 8.2 12.2#

