

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063763.D
 Acq On : 23 Aug 2019 13:49
 Operator : JC/SY
 Sample : K4477-02
 Misc : 6.48g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1(3-6)

Quant Time: Aug 26 01:06:33 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	7.03	168	12061	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.21	114	18697	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	13701	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	10847	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.42	65	12833	99.54	ug/l	-0.05
Spiked Amount			Recovery	=	199.08%	
35) Dibromofluoromethane	6.91	113	6323	40.15	ug/l	-0.03
Spiked Amount			Recovery	=	80.30%	
50) Toluene-d8	10.40	98	18349	53.00	ug/l	-0.02
Spiked Amount			Recovery	=	106.00%	
62) 4-Bromofluorobenzene	13.55	95	8010	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	

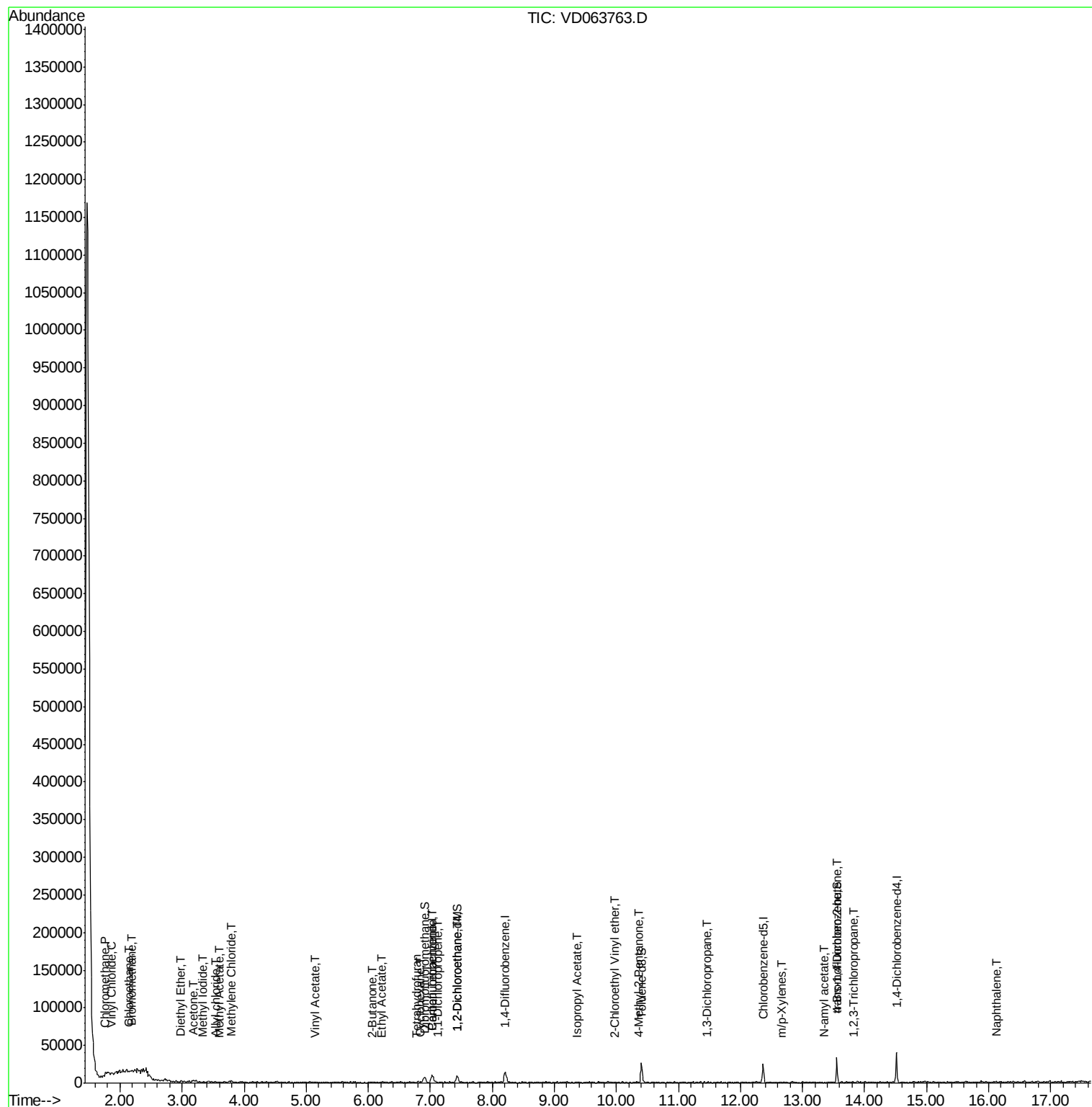
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.77	50	283	2.482	ug/l #	41
4) Vinyl Chloride	1.87	62	217	1.917	ug/l #	42
5) Bromomethane	2.20	94	1733	32.452	ug/l #	11
6) Chloroethane	2.14	64	210	4.058	ug/l #	42
8) Diethyl Ether	2.99	74	203	6.477	ug/l #	1
10) Methyl Iodide	3.33	142	203	1.095	ug/l #	29
14) Allyl chloride	3.55	41	184	1.256	ug/l #	8
16) Acetone	3.18	43	4303	164.190	ug/l #	65
18) Methyl Acetate	3.59	43	214	4.311	ug/l #	57
20) Methylene Chloride	3.79	84	402	3.547	ug/l #	85
23) Vinyl Acetate	5.15	43	274	1.559	ug/l #	82
25) 2-Butanone	6.07	43	263	10.161	ug/l #	58
29) Tetrahydrofuran	6.77	42	184	15.256	ug/l #	35
31) Cyclohexane	6.85	56	190	1.632	ug/l #	16
36) 1,1-Dichloropropene	7.11	75	187	1.131	ug/l #	42
37) Ethyl Acetate	6.21	43	207	2.989	ug/l #	73
38) Carbon Tetrachloride	7.04	117	1030	4.135	ug/l #	13
42) 1,2-Dichloroethane	7.43	62	211	1.154	ug/l	84
43) Isopropyl Acetate	9.37	43	220	2.372	ug/l #	48
51) 4-Methyl-2-Pentanone	10.35	43	198	3.119	ug/l #	40
57) 1,3-Dichloropropane	11.46	76	206	1.722	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.97	63	209	4.609	ug/l #	49
68) m/p-Xylenes	12.67	106	279	1.779	ug/l #	1
74) N-ethyl acetate	13.36	43	252	1.455	ug/l #	53
76) 1,2,3-Trichloropropane	13.83	75	218	1.751	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.55	75	3463	103.500	ug/l #	1
95) Naphthalene	16.11	128	524	1.624	ug/l #	71

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

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TP-1(3-6)

Quant Time: Aug 26 01:06:33 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.04 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

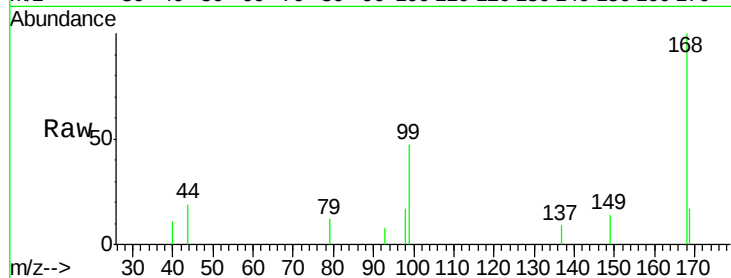
TP-1(3-6)

Tot Ion:168 Resp: 12061

Ion Ratio Lower Upper

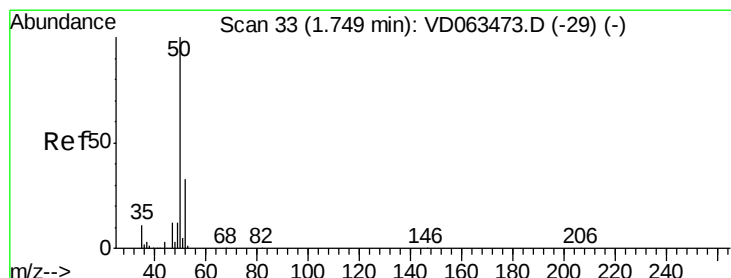
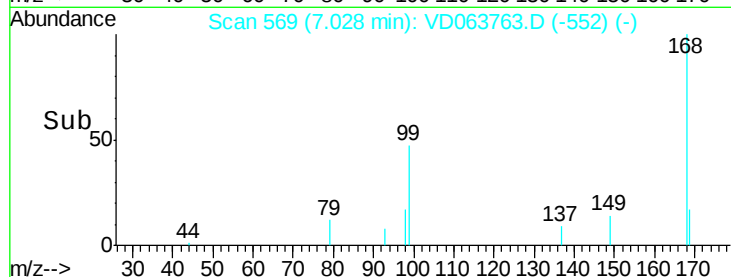
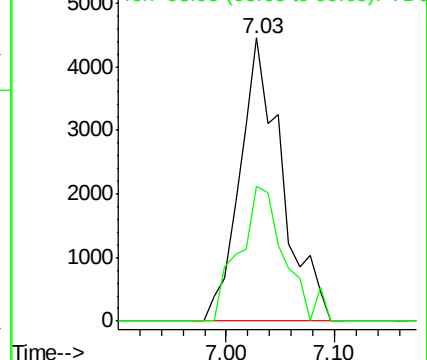
168 100

99 47.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 2.482 ug/l

RT: 1.77 min Scan# 35

Delta R.T. 0.02 min

Lab File: VD063763.D

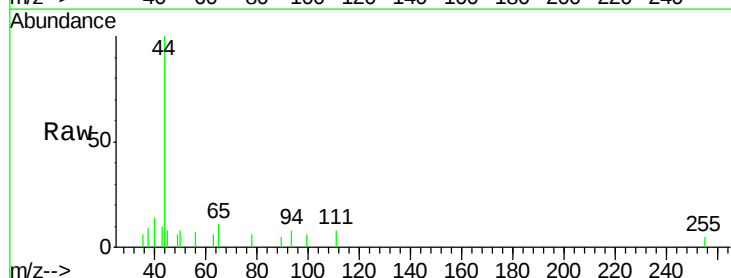
Acq: 23 Aug 2019 13:49

Tgt Ion: 50 Resp: 283

Ion Ratio Lower Upper

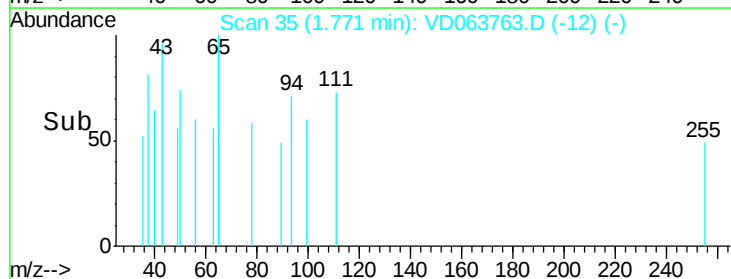
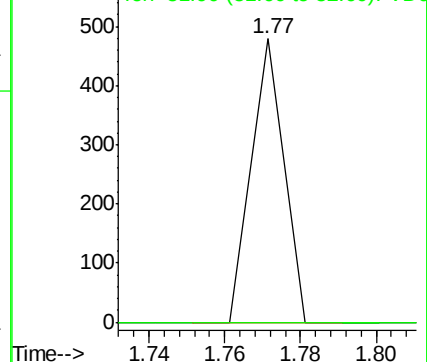
50 100

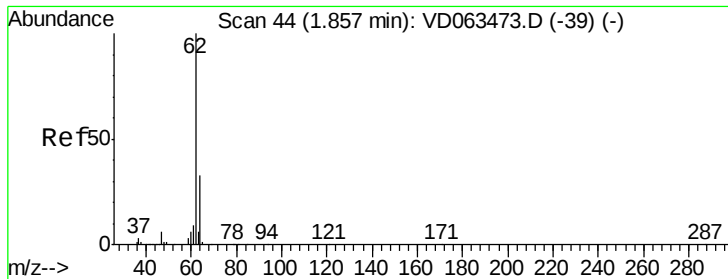
52 0.0 26.6 40.0#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#4

Vinyl Chloride

Concen: 1.917 ug/l

RT: 1.87 min Scan# 45

Delta R.T. 0.01 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

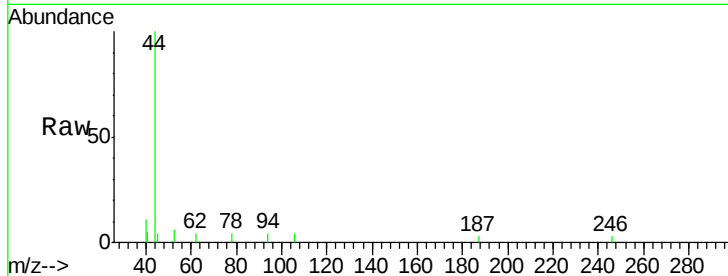
TP-1(3-6)

Tot Ion: 62 Resp: 217

Ion Ratio Lower Upper

62 100

64 0.0 26.4 39.6#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.87

400

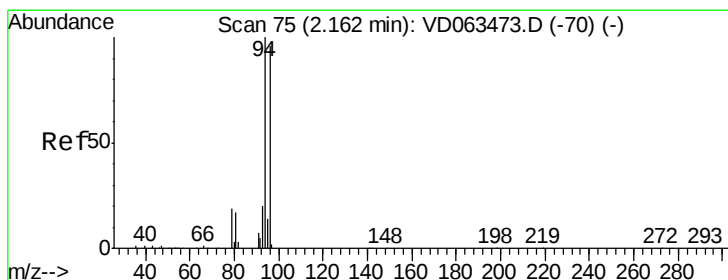
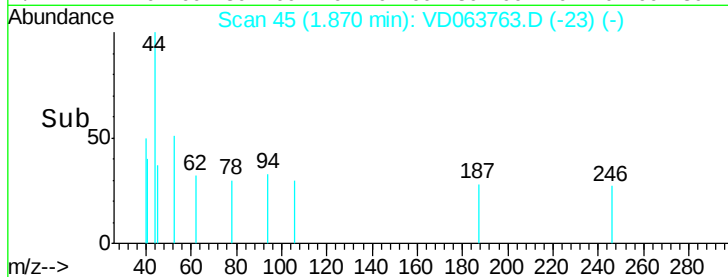
300

200

100

0

Time-->



#5

Bromomethane

Concen: 32.452 ug/l

RT: 2.20 min Scan# 79

Delta R.T. 0.04 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

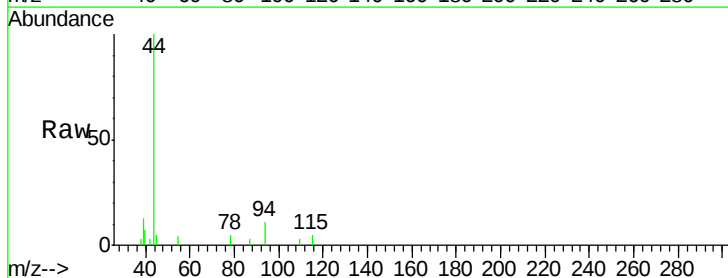
Tgt Ion: 94 Resp: 1733

Ion Ratio Lower Upper

94 100

96 0.0 76.5 114.7#

93 0.0 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

2000

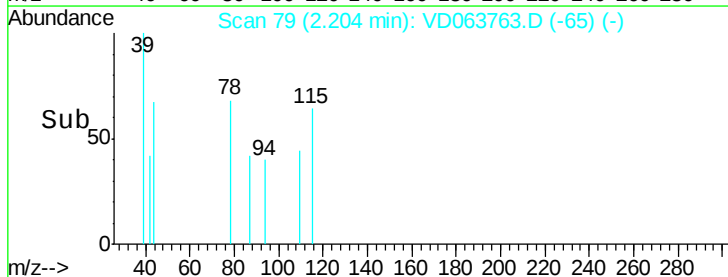
1500

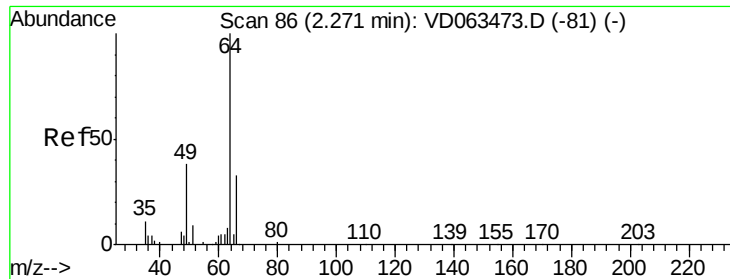
1000

500

0

Time-->





#6

Chloroethane

Concen: 4.058 ug/l

RT: 2.14 min Scan# 72

Delta R.T. -0.14 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

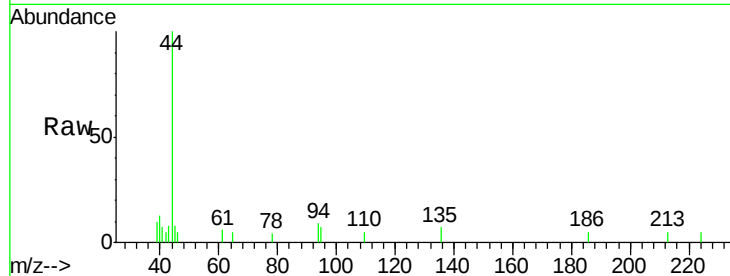
TP-1(3-6)

Tot Ion: 64 Resp: 210

Ion Ratio Lower Upper

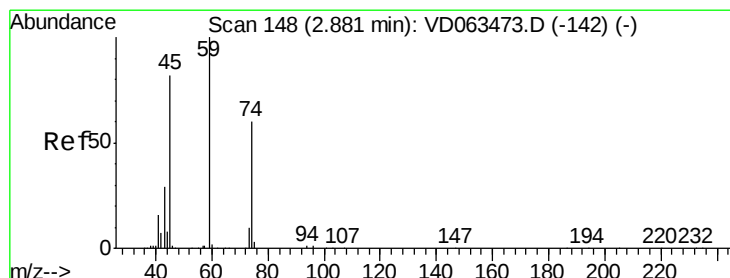
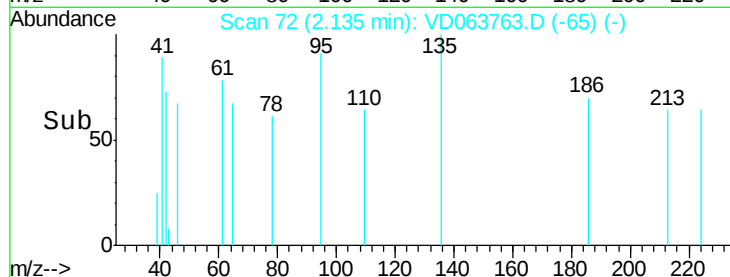
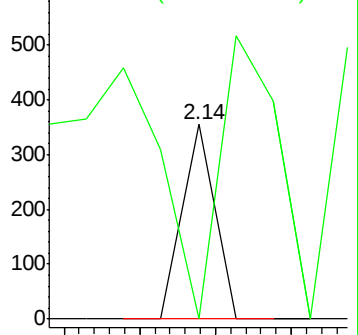
64 100

66 0.0 26.3 39.5#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



#8

Diethyl Ether

Concen: 6.477 ug/l

RT: 2.99 min Scan# 159

Delta R.T. 0.11 min

Lab File: VD063763.D

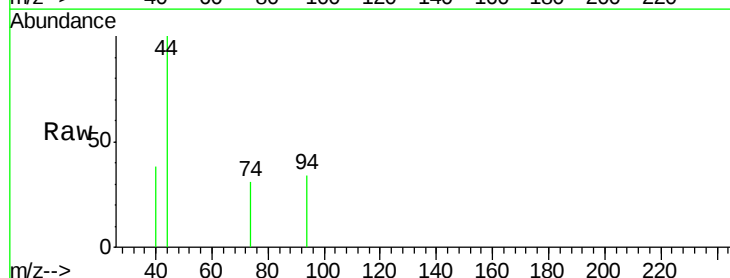
Acq: 23 Aug 2019 13:49

Tgt Ion: 74 Resp: 203

Ion Ratio Lower Upper

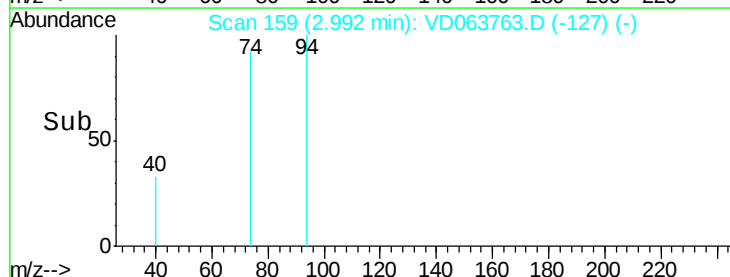
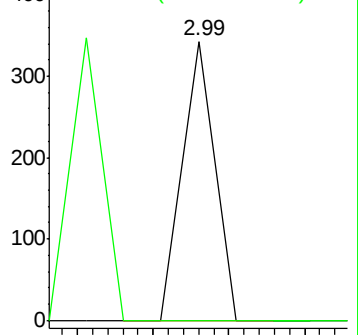
74 100

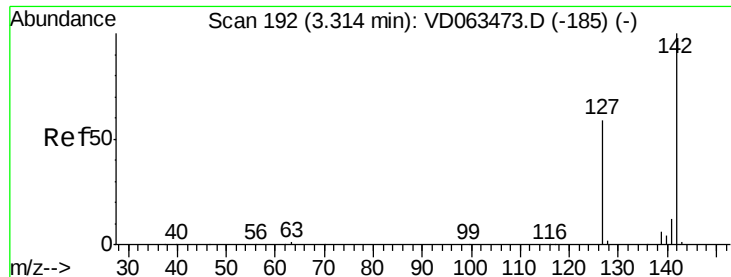
45 0.0 68.5 205.5#



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

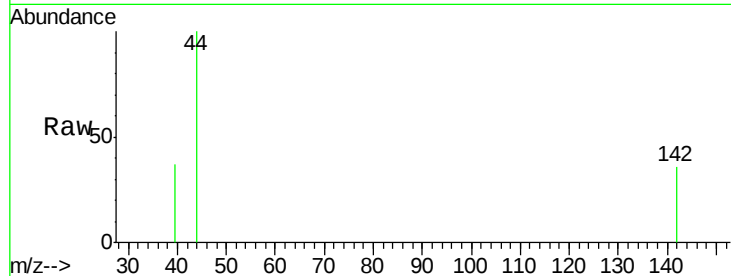




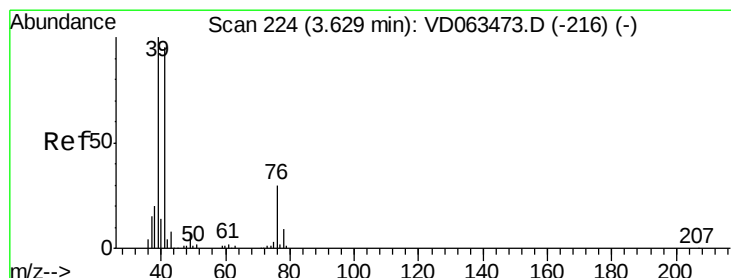
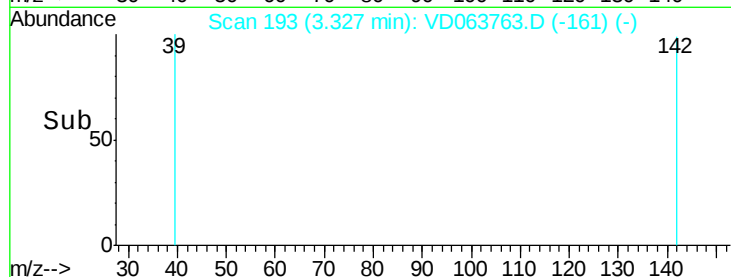
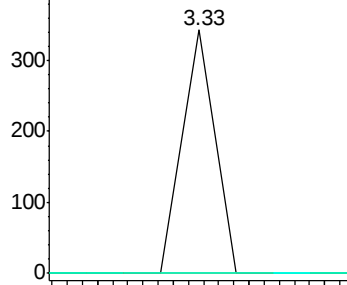
#10
Methyl Iodide
Concen: 1.095 ug/l
RT: 3.33 min Scan# 193
Delta R.T. 0.01 min
Lab File: VD063763.D
Acq: 23 Aug 2019 13:49

Instrument :
MSVOA_D
ClientSampleId :
TP-1(3-6)

Tot Ion:142 Resp: 203
Ion Ratio Lower Upper
142 100
127 0.0 47.2 70.8#
141 0.0 9.8 14.8#

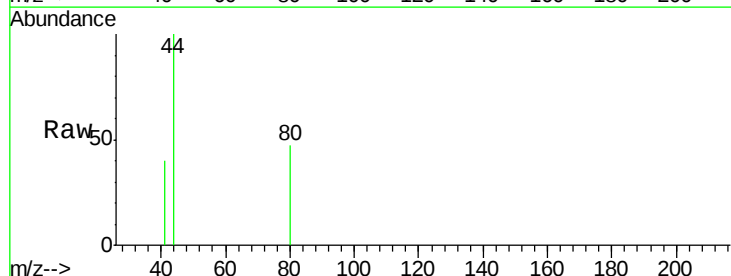


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

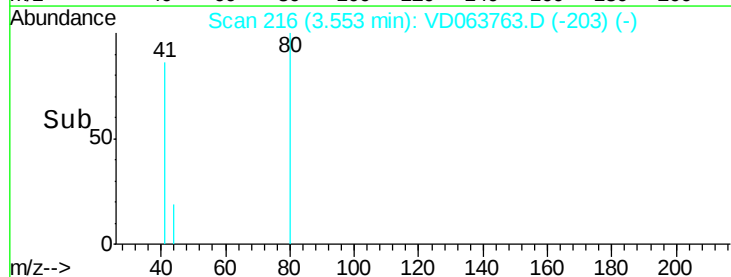
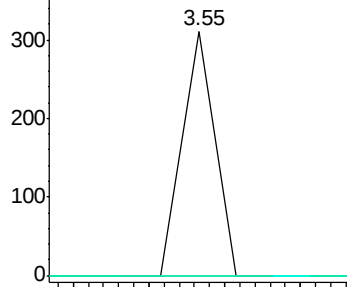


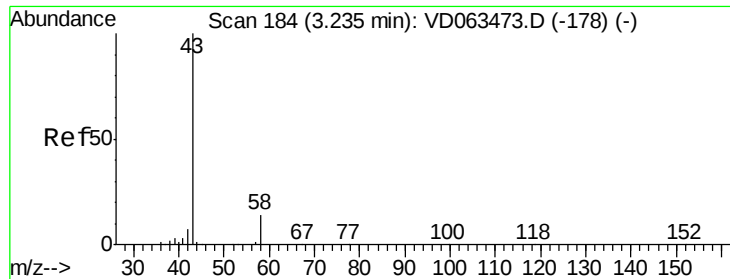
#14
Allyl chloride
Concen: 1.256 ug/l
RT: 3.55 min Scan# 216
Delta R.T. -0.08 min
Lab File: VD063763.D
Acq: 23 Aug 2019 13:49

Tgt Ion: 41 Resp: 184
Ion Ratio Lower Upper
41 100
39 0.0 84.2 126.4#
76 0.0 26.0 39.0#



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: 164.190 ug/l

RT: 3.18 min Scan# 178

Delta R.T. -0.06 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

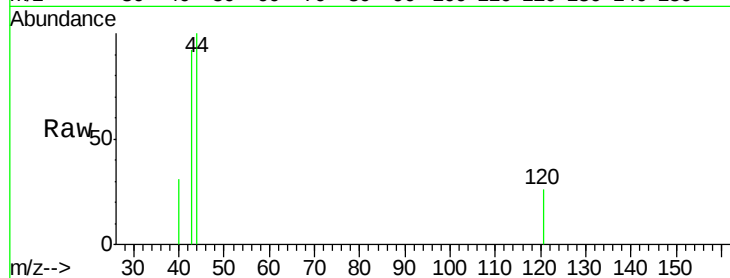
TP-1(3-6)

Tot Ion: 43 Resp: 4303

Ion Ratio Lower Upper

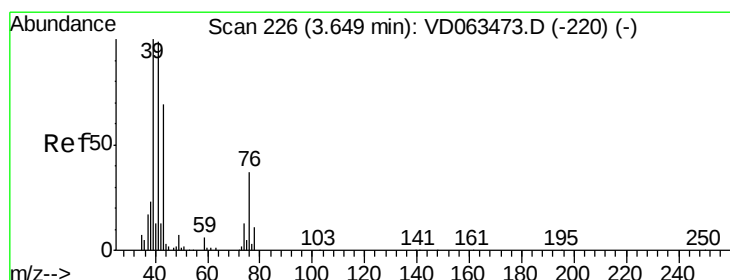
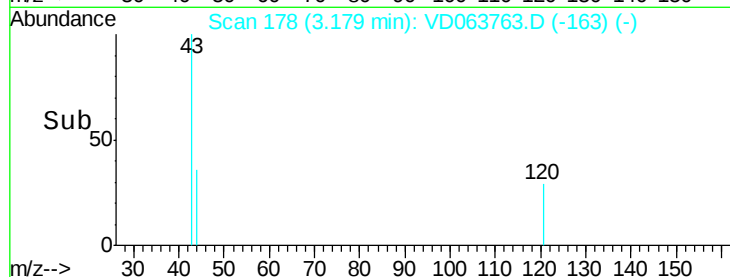
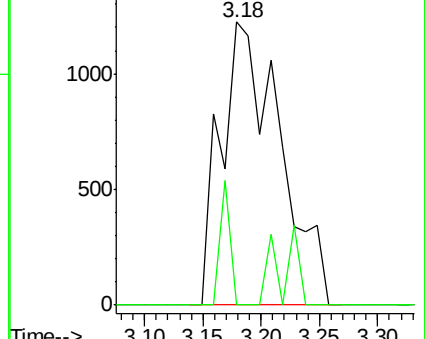
43 100

58 0.0 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: 4.311 ug/l

RT: 3.59 min Scan# 220

Delta R.T. -0.06 min

Lab File: VD063763.D

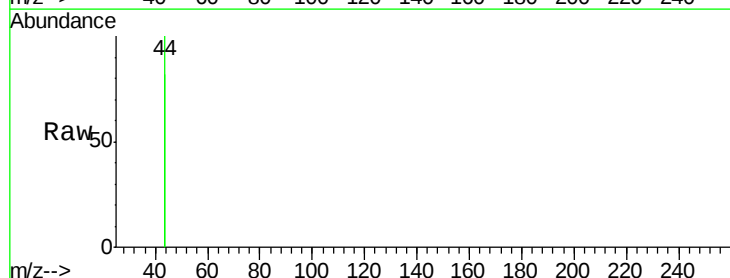
Acq: 23 Aug 2019 13:49

Tgt Ion: 43 Resp: 214

Ion Ratio Lower Upper

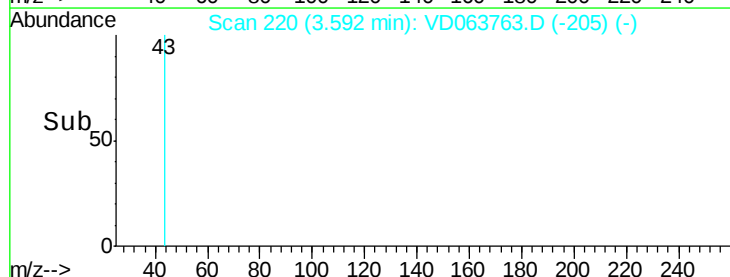
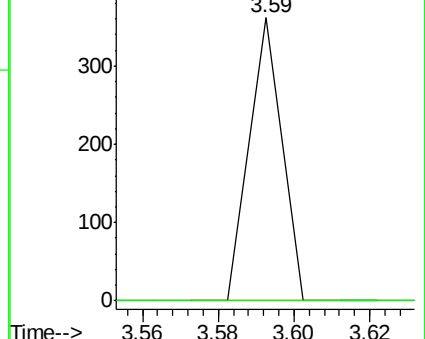
43 100

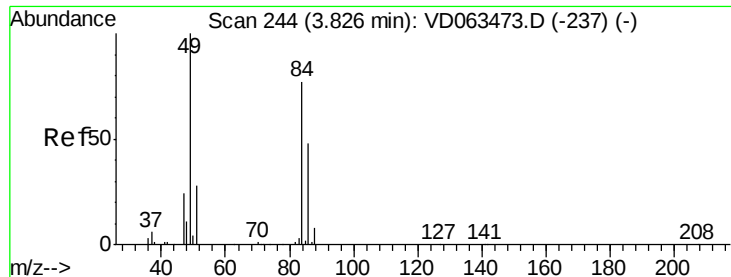
74 0.0 15.4 23.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

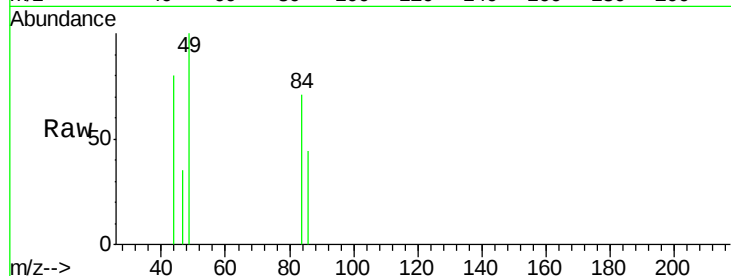




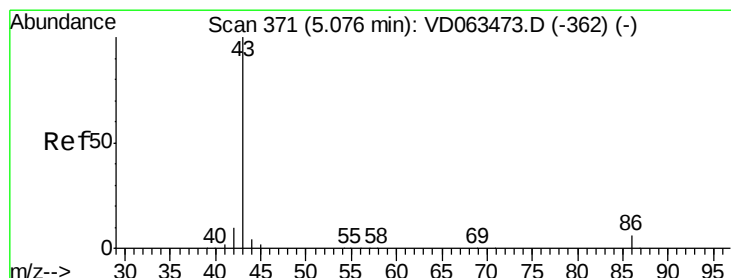
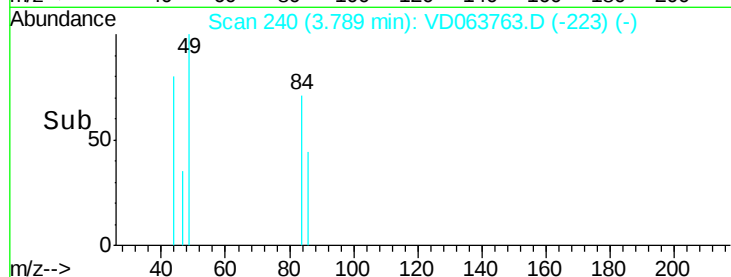
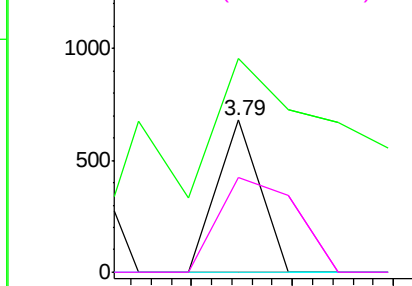
#20
Methvlene Chloride
Concen: 3.547 ug/l
RT: 3.79 min Scan# 240
Delta R.T. -0.04 min
Lab File: VD063763.D
Acq: 23 Aug 2019 13:49

Instrument :
MSVOA_D
ClientSampleId :
TP-1(3-6)

Tot Ion: 84 Resp: 402
Ion Ratio Lower Upper
84 100
49 140.4 103.4 155.2
51 0.0 28.5 42.7#
86 62.1 49.4 74.2

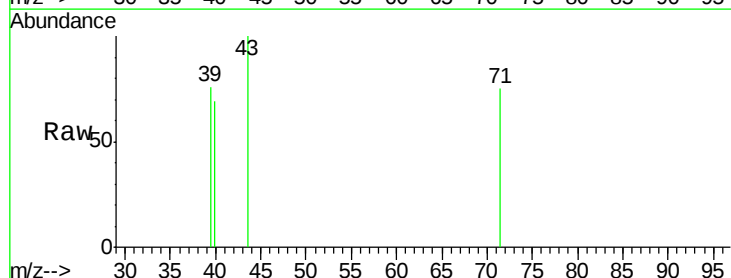


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

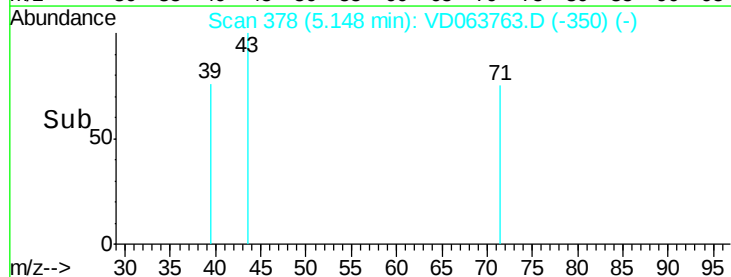
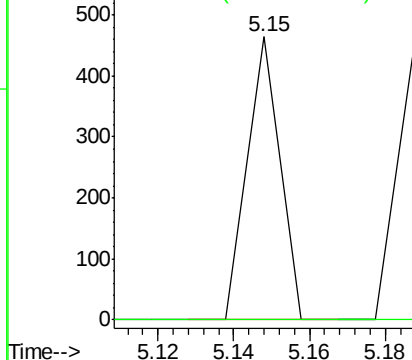


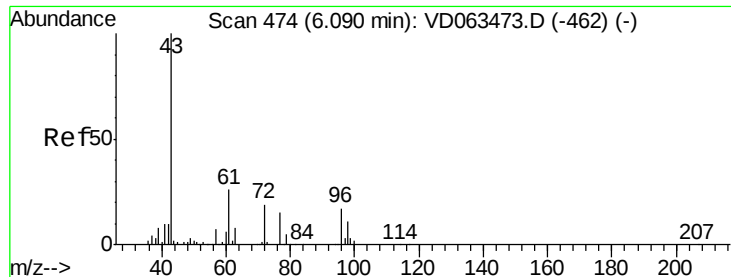
#23
Vinyl Acetate
Concen: 1.559 ug/l
RT: 5.15 min Scan# 378
Delta R.T. 0.07 min
Lab File: VD063763.D
Acq: 23 Aug 2019 13:49

Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
86 0.0 4.8 7.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 86.00 (85.70 to 86.70): VDC





#25

2-Butanone

Concen: 10.161 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.02 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

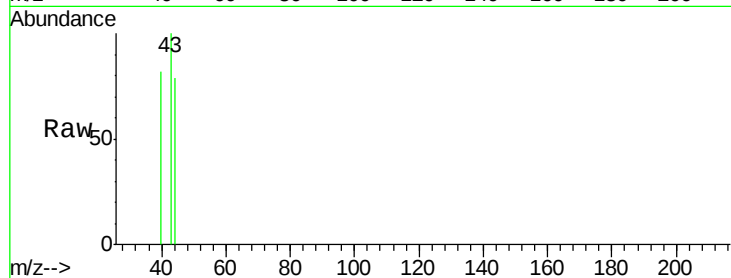
TP-1(3-6)

Tot Ion: 43 Resp: 263

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

500

400

300

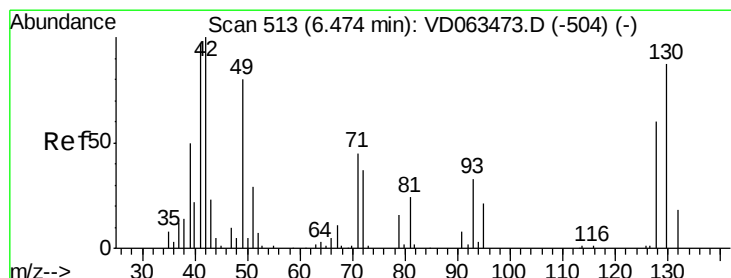
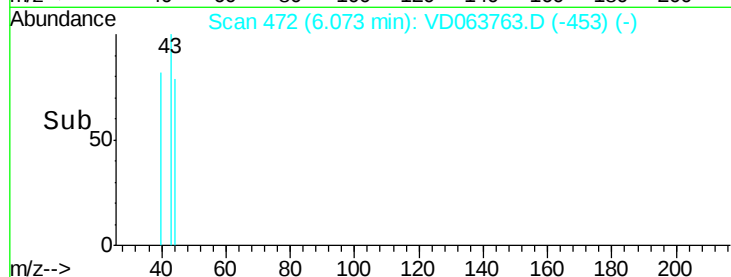
200

100

0

6.04 6.06 6.08 6.10

Time-->



#29

Tetrahydrofuran

Concen: 15.256 ug/l

RT: 6.77 min Scan# 543

Delta R.T. 0.30 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

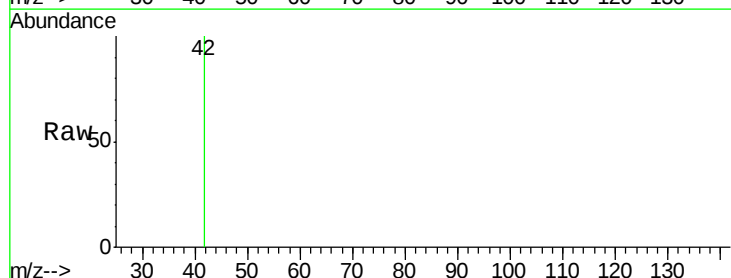
Tgt Ion: 42 Resp: 184

Ion Ratio Lower Upper

42 100

72 0.0 31.5 47.3#

71 0.0 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

400

300

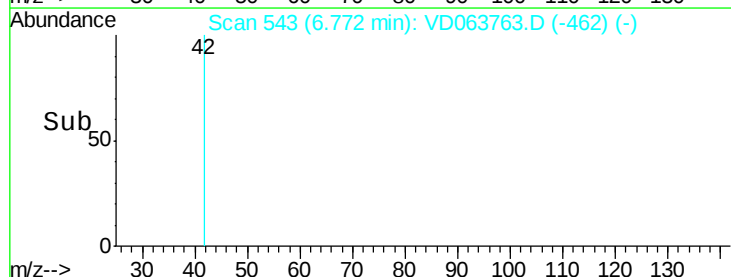
200

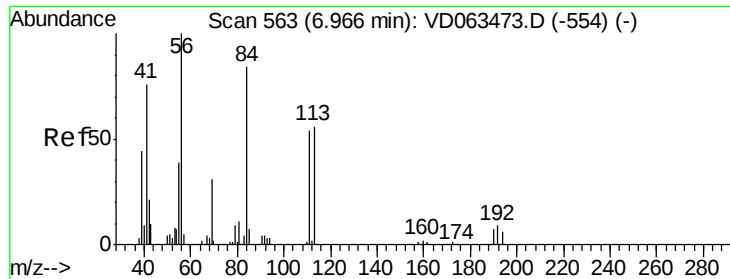
100

0

6.74 6.76 6.78 6.80

Time-->

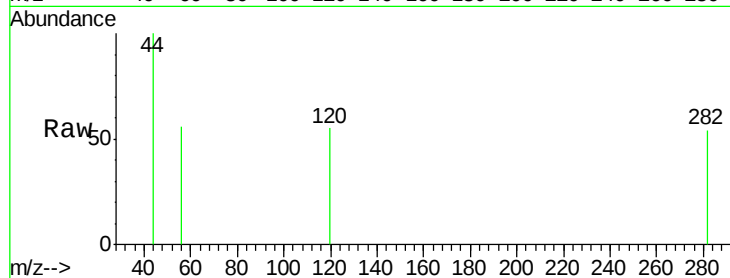




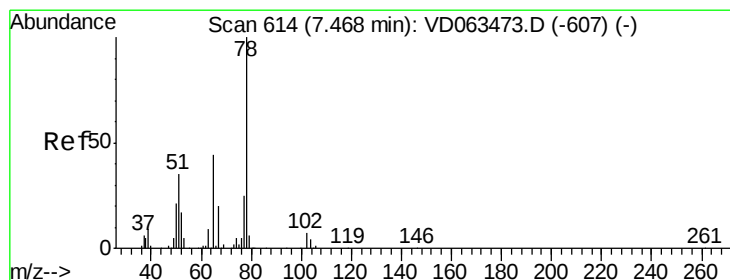
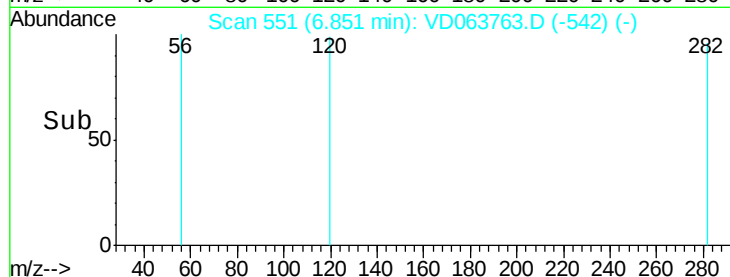
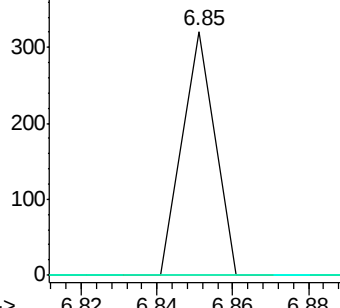
#31
Cyclohexane
Concen: 1.632 ug/l
RT: 6.85 min Scan# 551
Delta R.T. -0.12 min
Lab File: VD063763.D
Acq: 23 Aug 2019 13:49

Instrument :
MSVOA_D
ClientSampleId :
TP-1(3-6)

Tot Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
69 0.0 25.0 37.6#
84 0.0 69.7 104.5#

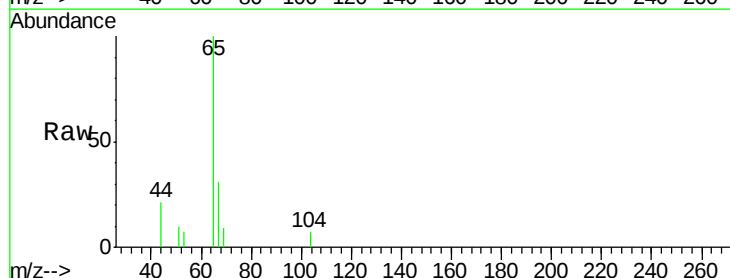


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

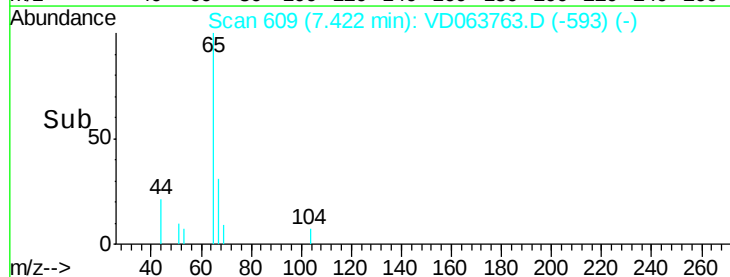
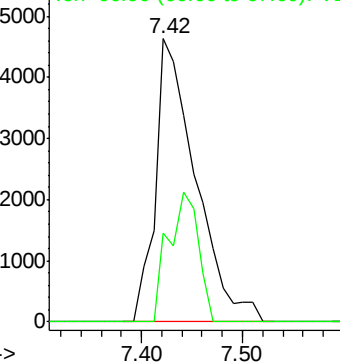


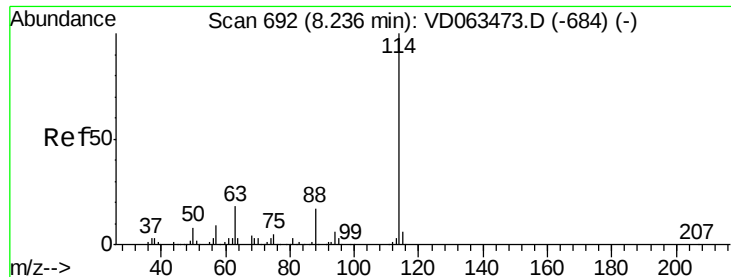
#33
1,2-Dichloroethane-d4
Concen: 99.540 ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.05 min
Lab File: VD063763.D
Acq: 23 Aug 2019 13:49

Tgt Ion: 65 Resp: 12833
Ion Ratio Lower Upper
65 100
67 31.5 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: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

TP-1(3-6)

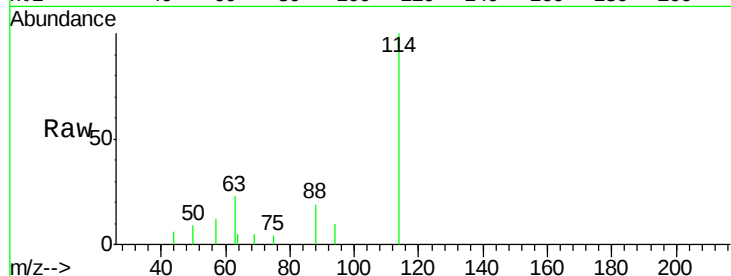
Tot Ion:114 Resp: 18697

Ion Ratio Lower Upper

114 100

63 23.5 0.0 36.2

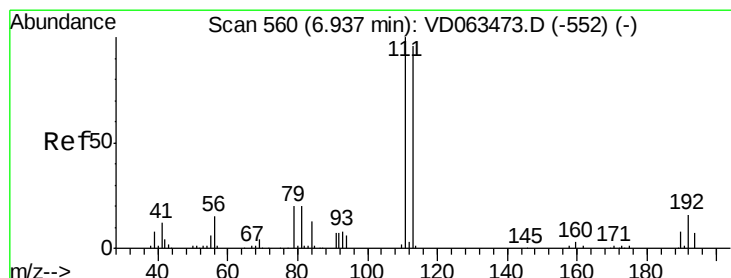
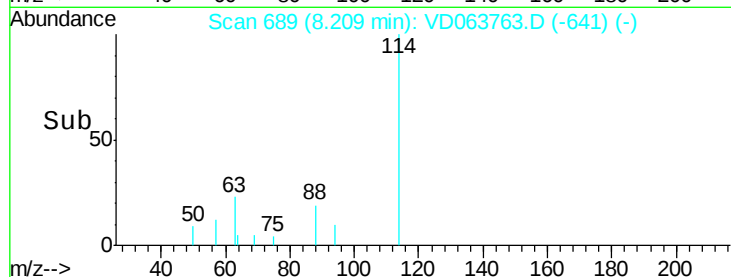
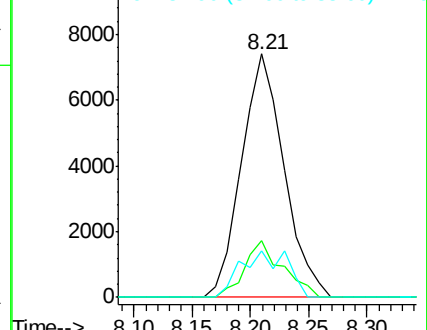
88 19.0 0.0 35.0



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: 40.154 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

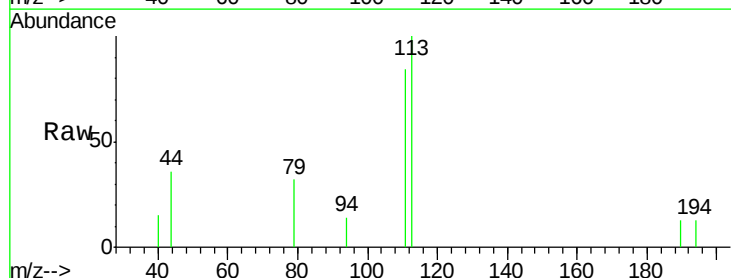
Tgt Ion:113 Resp: 6323

Ion Ratio Lower Upper

113 100

111 84.0 83.1 124.7

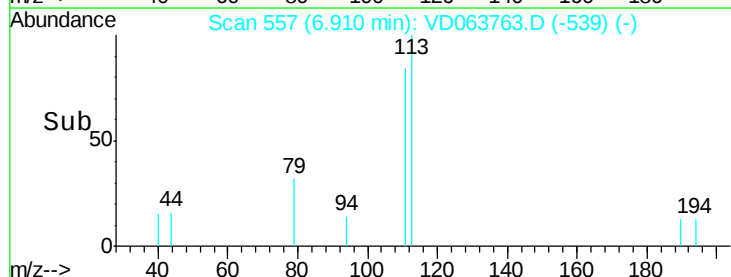
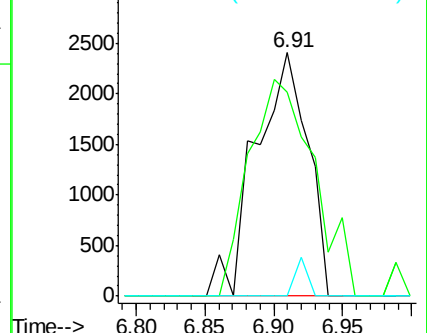
192 0.0 13.1 19.7#

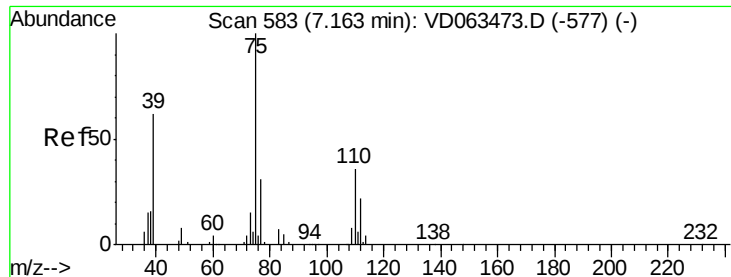


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 1.131 ug/l

RT: 7.11 min Scan# 577

Delta R.T. -0.06 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

TP-1(3-6)

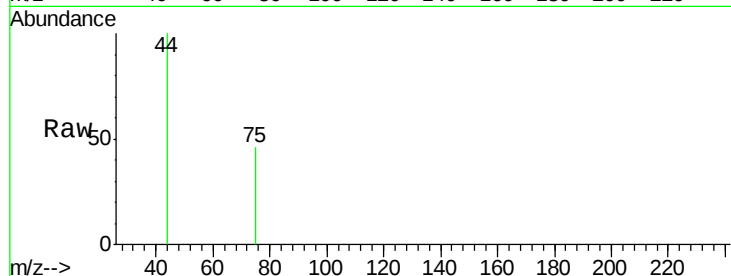
Tot Ion: 75 Resp: 187

Ion Ratio Lower Upper

75 100

110 0.0 17.6 52.8#

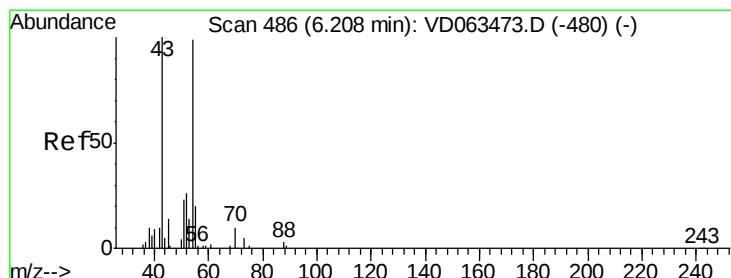
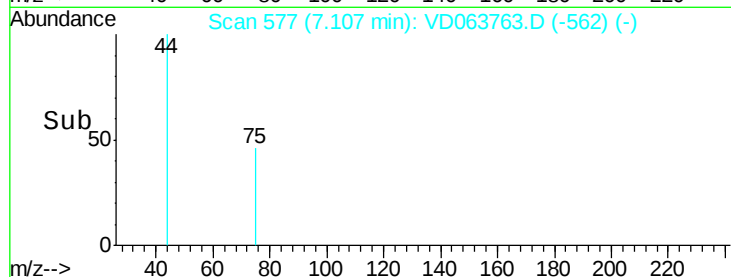
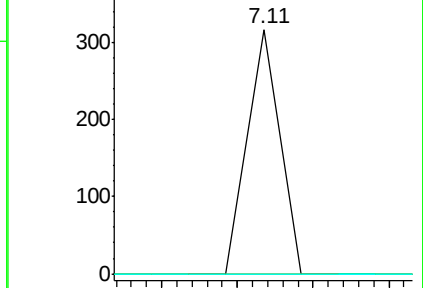
77 0.0 24.3 36.5#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#37

Ethyl Acetate

Concen: 2.989 ug/l

RT: 6.21 min Scan# 486

Delta R.T. 0.00 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

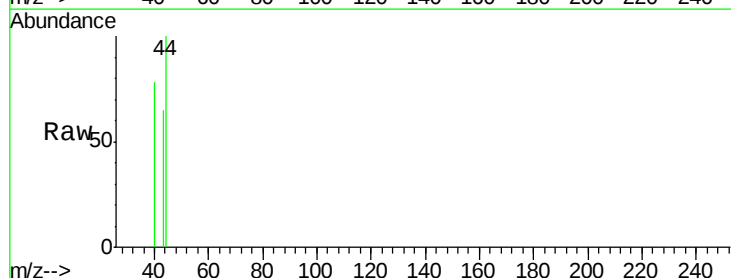
Tgt Ion: 43 Resp: 207

Ion Ratio Lower Upper

43 100

61 0.0 9.0 13.6#

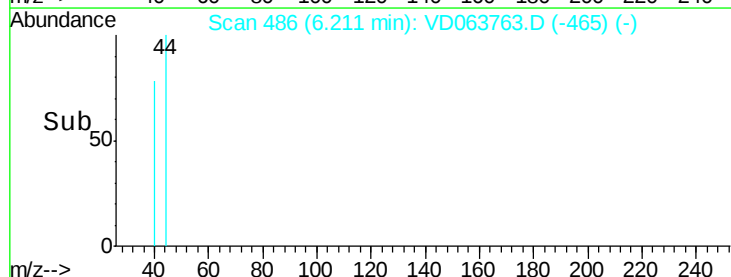
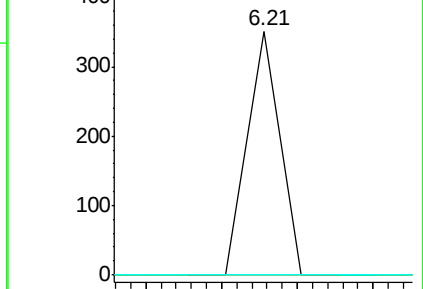
70 0.0 6.9 10.3#

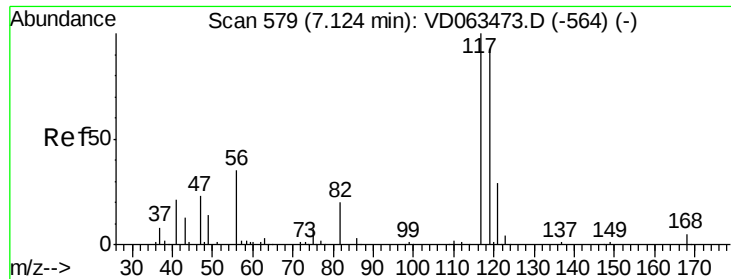


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 4.135 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.09 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

TP-1(3-6)

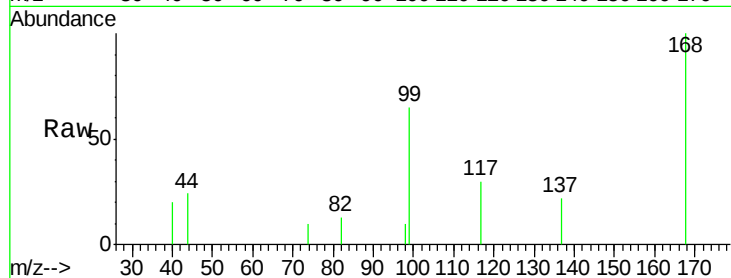
Tot Ion:117 Resp: 1030

Ion Ratio Lower Upper

117 100

119 0.0 74.2 111.2#

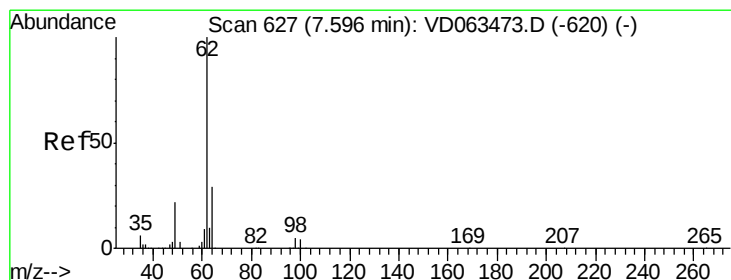
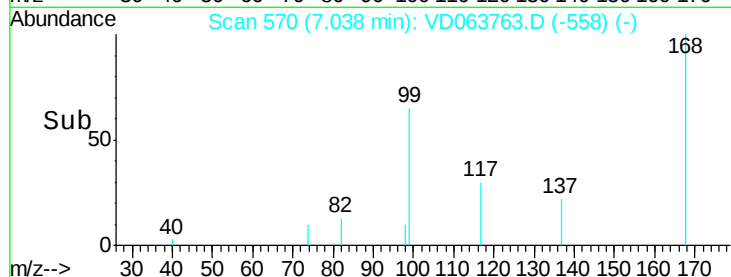
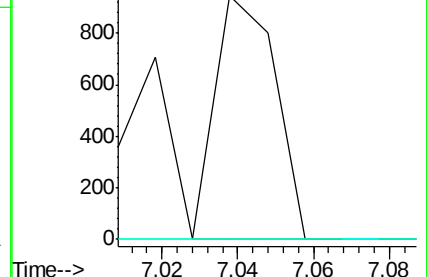
121 0.0 23.1 34.7#



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



#42

1,2-Dichloroethane

Concen: 1.154 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.16 min

Lab File: VD063763.D

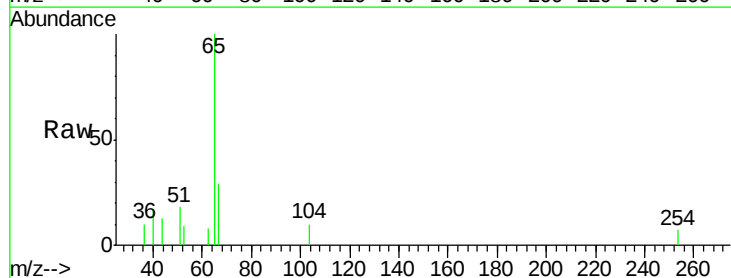
Acq: 23 Aug 2019 13:49

Tgt Ion: 62 Resp: 211

Ion Ratio Lower Upper

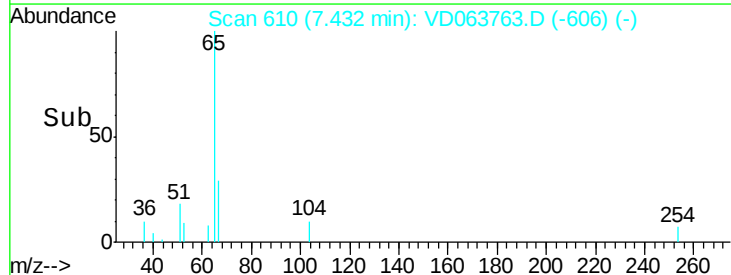
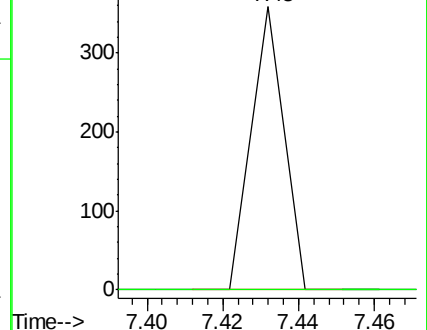
62 100

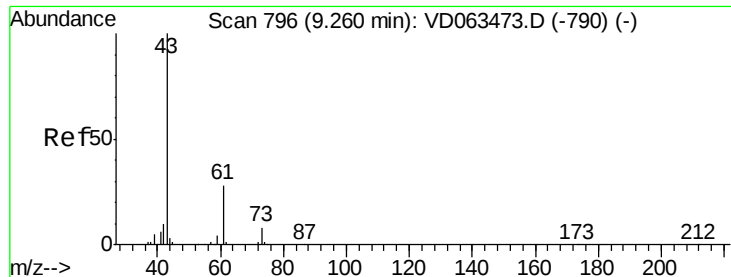
98 0.0 0.0 10.4



Abundance Ion 61.95 (61.65 to 62.65): V

Ion 97.85 (97.55 to 98.55): V





#43

Isopropyl Acetate

Concen: 2.372 ug/l

RT: 9.37 min Scan# 807

Delta R.T. 0.11 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

TP-1(3-6)

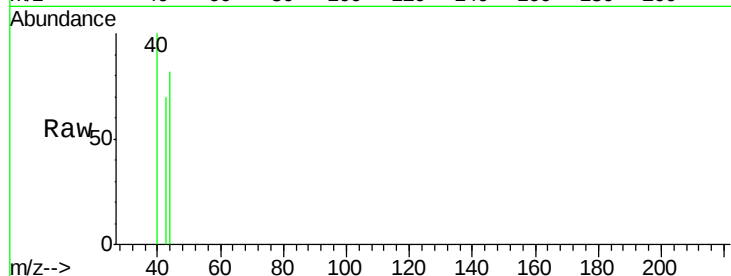
Tot Ion: 43 Resp: 220

Ion Ratio Lower Upper

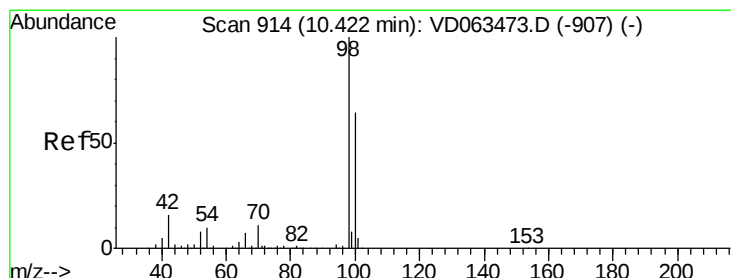
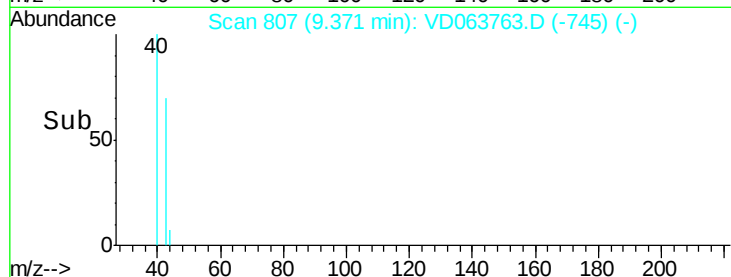
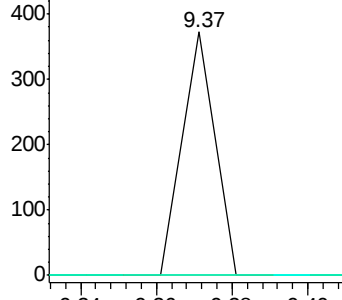
43 100

61 0.0 22.2 33.2#

87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC



#50

Toluene-d8

Concen: 53.001 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063763.D

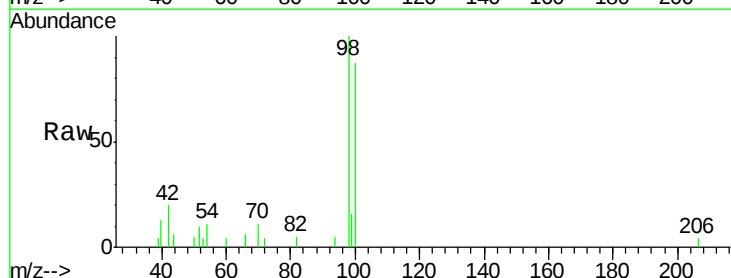
Acq: 23 Aug 2019 13:49

Tgt Ion: 98 Resp: 18349

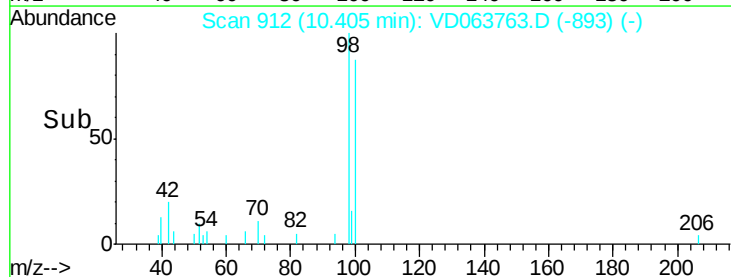
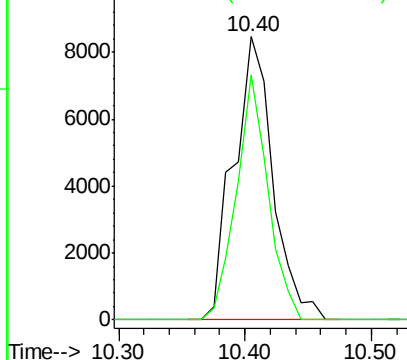
Ion Ratio Lower Upper

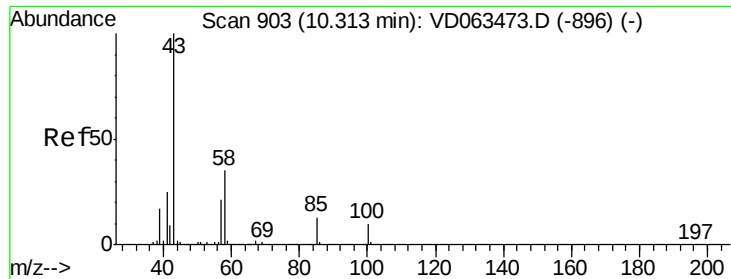
98 100

100 86.6 51.7 77.5#



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

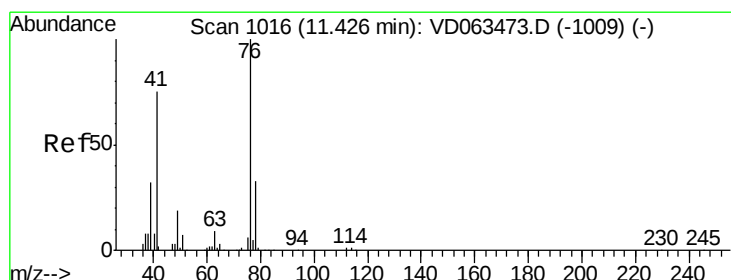
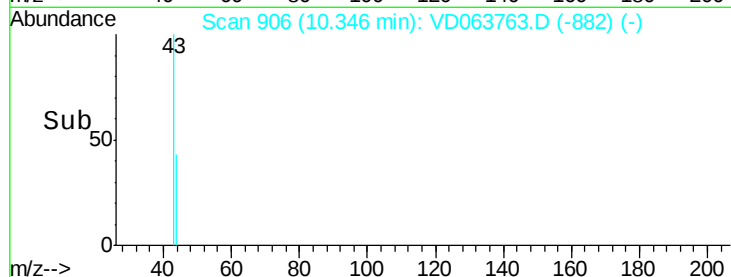
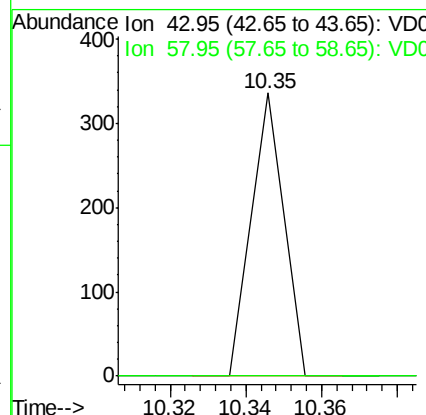
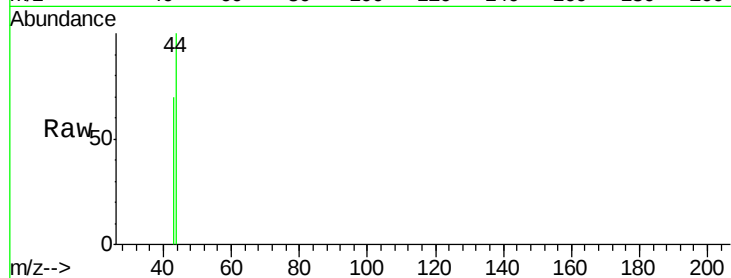




#51
 4-Methyl-2-Pentanone
 Concen: 3.119 ug/l
 RT: 10.35 min Scan# 906
 Delta R.T. 0.03 min
 Lab File: VD063763.D
 Acq: 23 Aug 2019 13:49

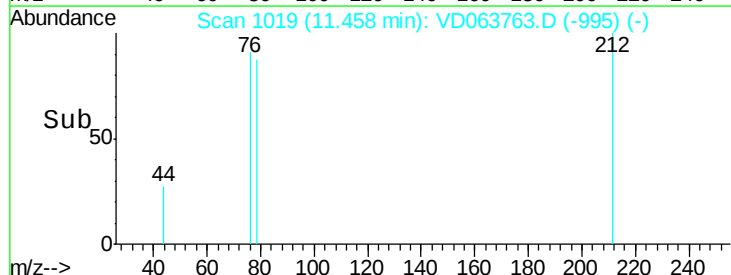
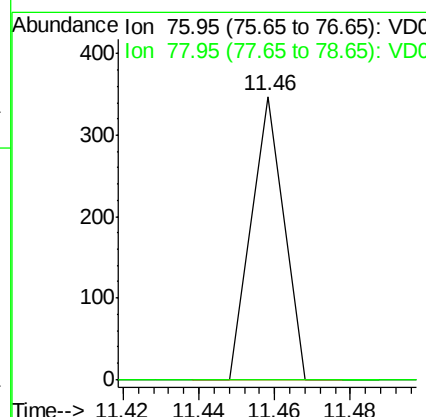
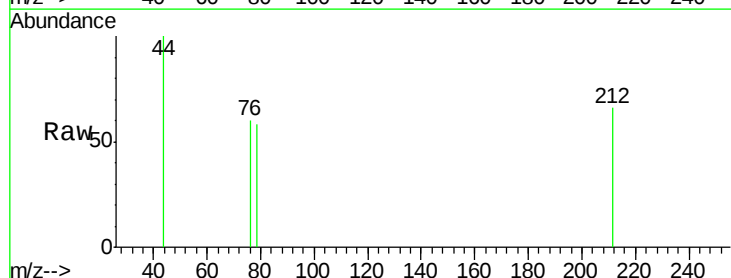
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1(3-6)

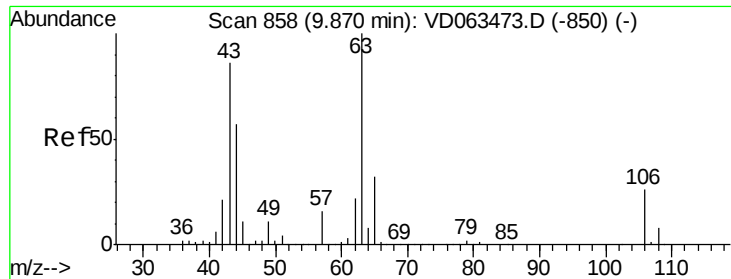
Tot Ion: 43 Resp: 198
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.0 42.0#



#57
 1,3-Dichloropropane
 Concen: 1.722 ug/l
 RT: 11.46 min Scan# 1019
 Delta R.T. 0.03 min
 Lab File: VD063763.D
 Acq: 23 Aug 2019 13:49

Tgt Ion: 76 Resp: 206
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.3 39.5#

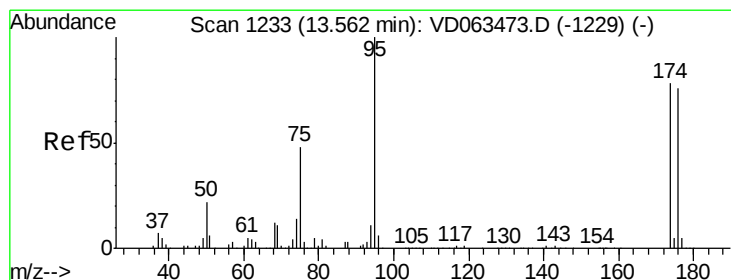
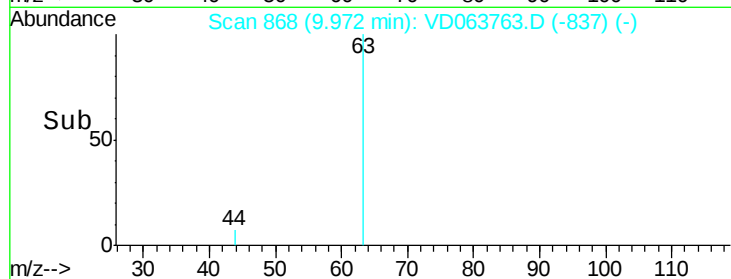
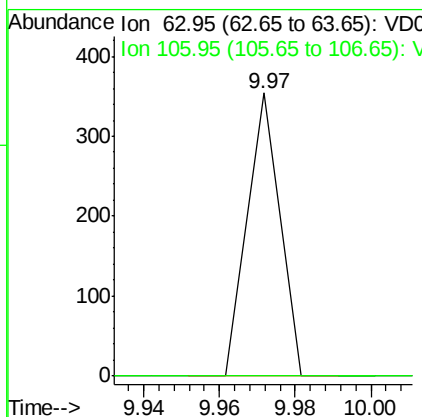
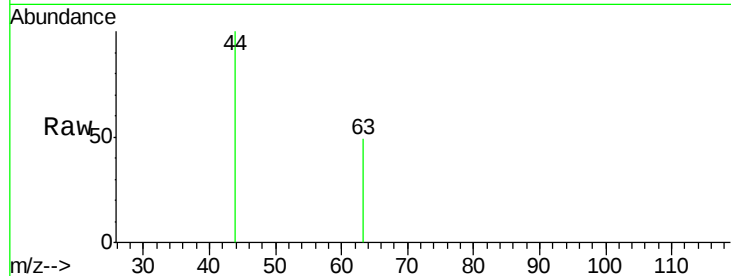




#58
 2-Chloroethyl Vinyl ether
 Concen: 4.609 ug/l
 RT: 9.97 min Scan# 868
 Delta R.T. 0.10 min
 Lab File: VD063763.D
 Acq: 23 Aug 2019 13:49

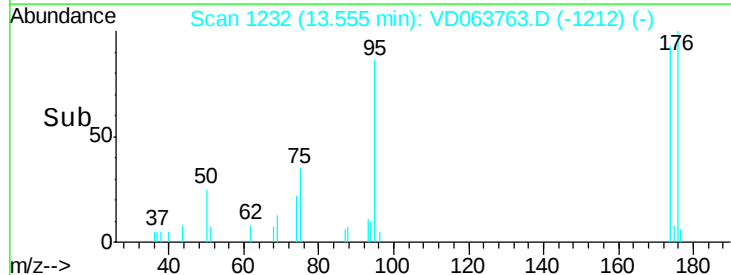
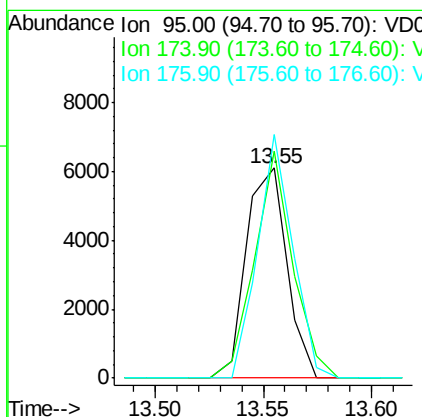
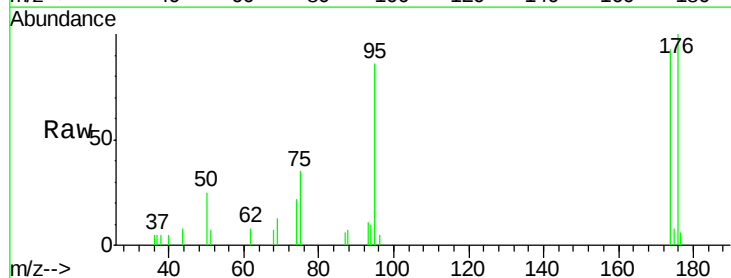
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1(3-6)

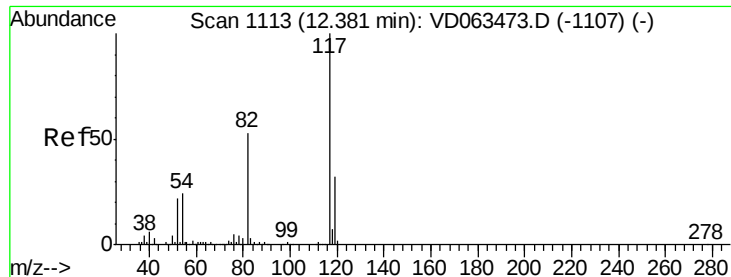
Tot Ion: 63 Resp: 209
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.8 31.2#



#62
 4-Bromofluorobenzene
 Concen: 51.048 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: VD063763.D
 Acq: 23 Aug 2019 13:49

Tgt Ion: 95 Resp: 8010
 Ion Ratio Lower Upper
 95 100
 174 108.3 0.0 155.4
 176 115.9 0.0 152.4

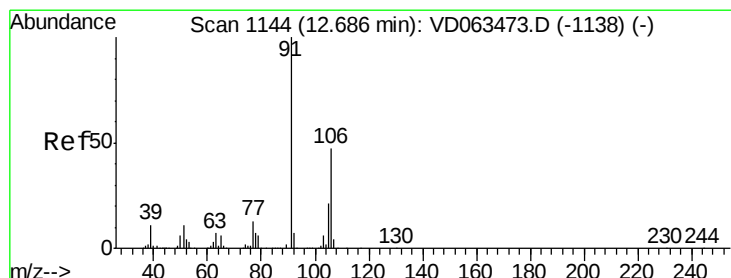
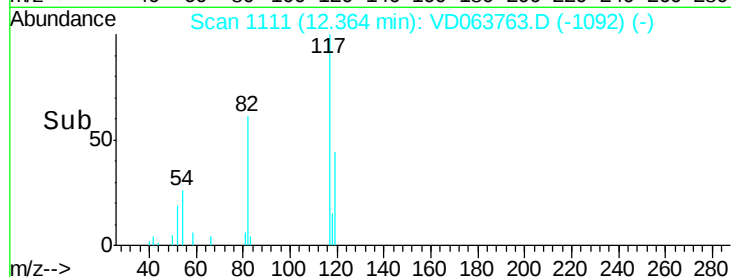
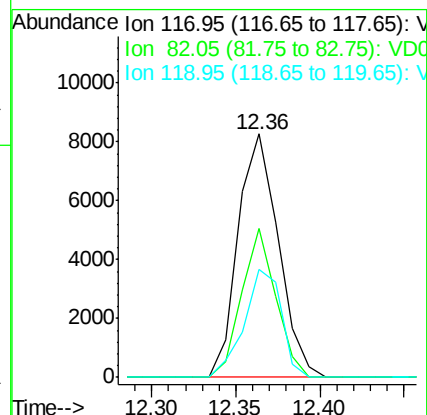
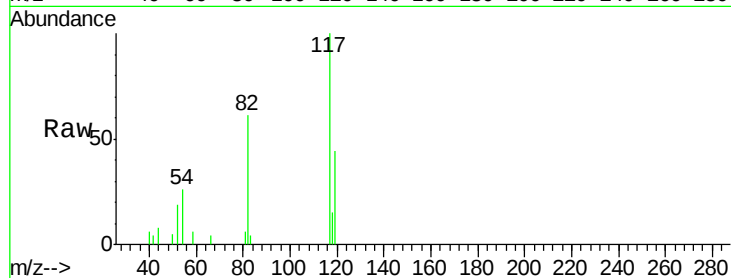




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063763.D
Acq: 23 Aug 2019 13:49

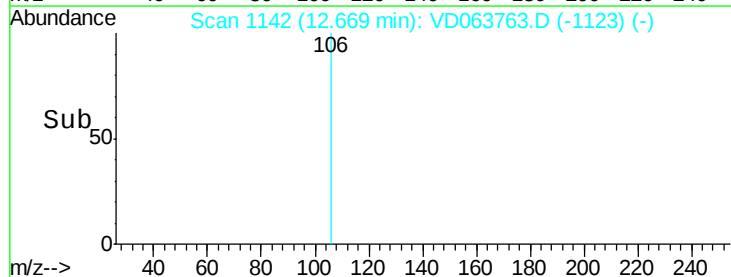
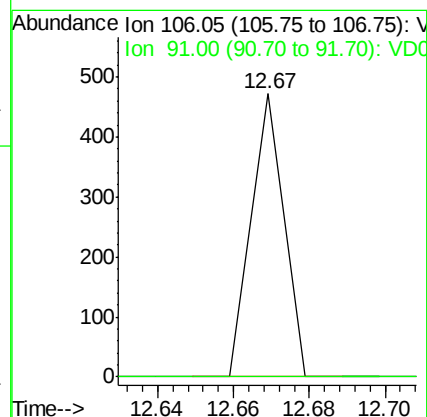
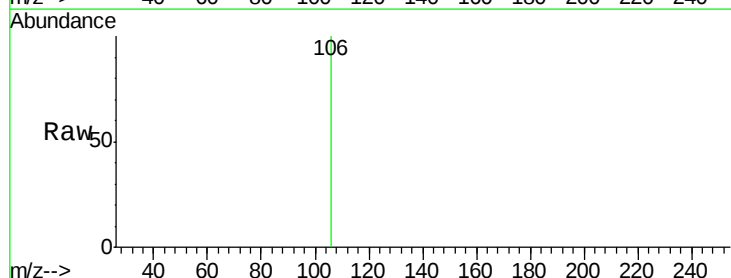
Instrument :
MSVOA_D
ClientSampleId :
TP-1(3-6)

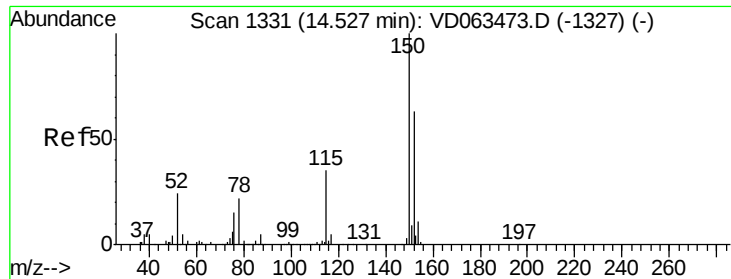
Tot Ion:117 Resp: 13701
Ion Ratio Lower Upper
117 100
82 61.0 42.0 63.0
119 44.2 25.4 38.0#



#68
m/p-Xylenes
Concen: 1.779 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.02 min
Lab File: VD063763.D
Acq: 23 Aug 2019 13:49

Tgt Ion:106 Resp: 279
Ion Ratio Lower Upper
106 100
91 0.0 171.8 257.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

TP-1(3-6)

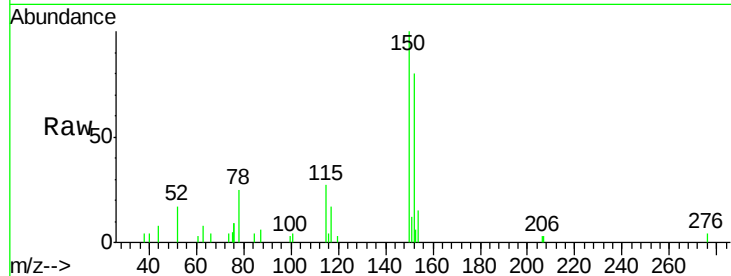
Tot Ion:152 Resp: 10847

Ion Ratio Lower Upper

152 100

115 33.6 30.9 92.7

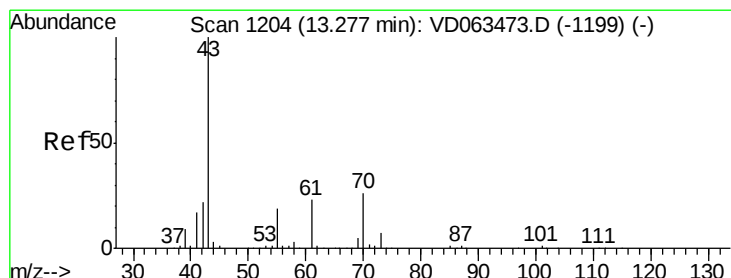
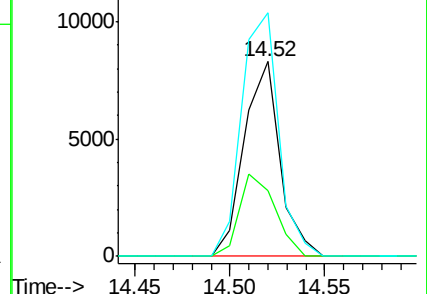
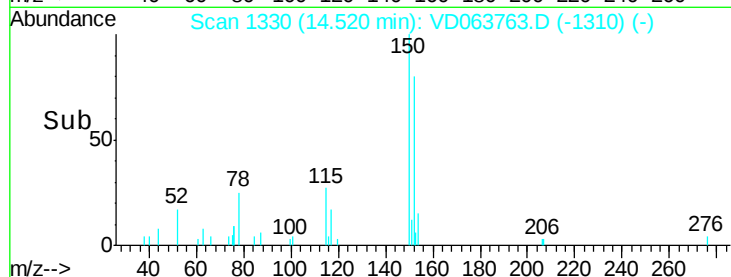
150 125.0 0.0 318.6



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



#74

N-ethyl acetate

Concen: 1.455 ug/l

RT: 13.36 min Scan# 1212

Delta R.T. 0.08 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

Tgt Ion: 43 Resp: 252

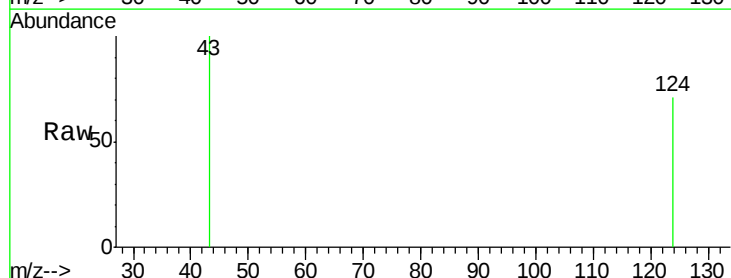
Ion Ratio Lower Upper

43 100

70 0.0 21.1 31.7#

55 0.0 15.4 23.0#

61 0.0 18.2 27.2#

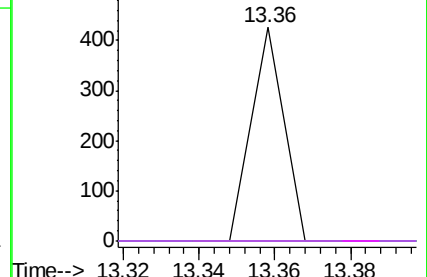
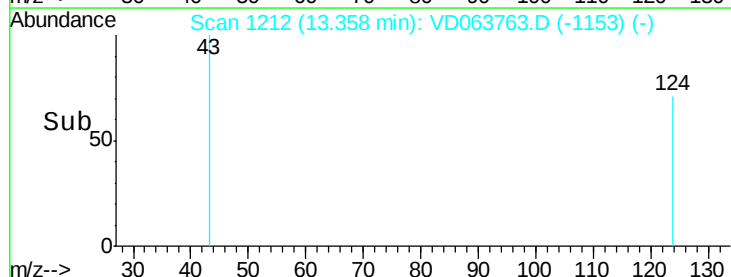


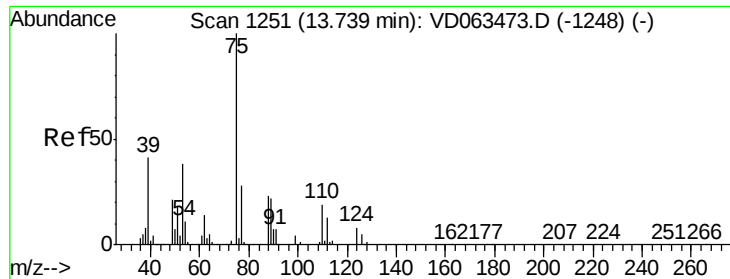
Abundance Ion 42.95 (42.65 to 43.65): V

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





#76

1,2,3-Trichloropropane

Concen: 1.751 ug/l

RT: 13.83 min Scan# 1260

Delta R.T. 0.09 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

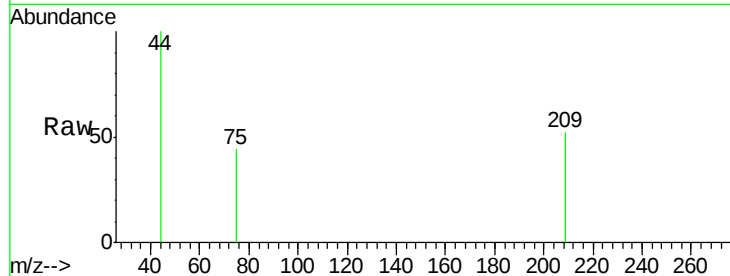
TP-1(3-6)

Tot Ion: 75 Resp: 218

Ion Ratio Lower Upper

75 100

77 0.0 15.1 45.3#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

13.83

400

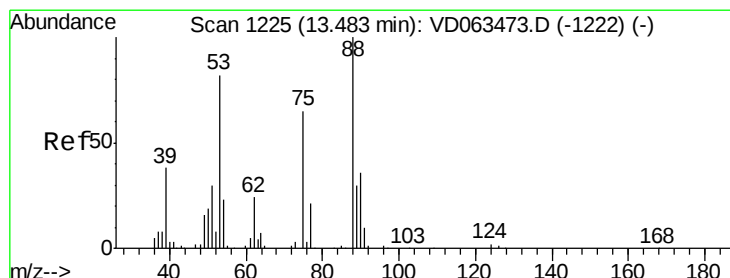
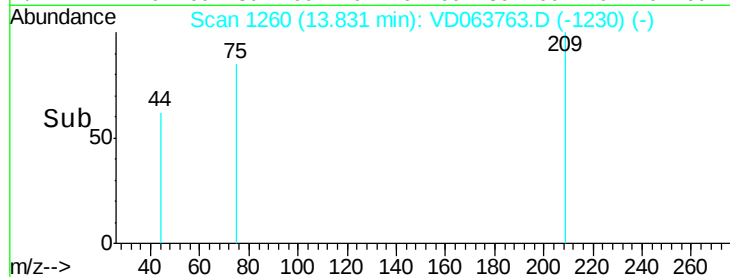
300

200

100

0

Time--> 13.80 13.82 13.84 13.86



#81

trans-1,4-Dichloro-2-butene

Concen: 103.500 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

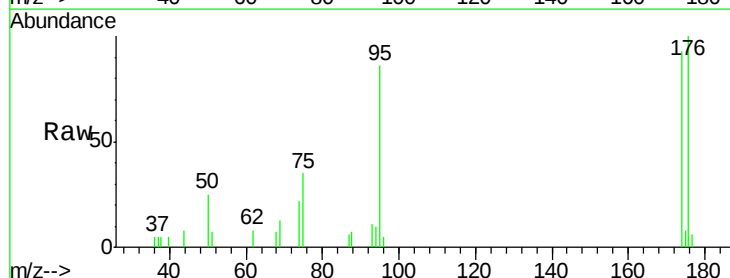
Tgt Ion: 75 Resp: 3463

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

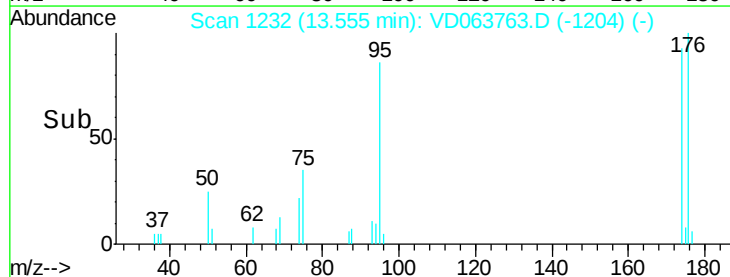
3000

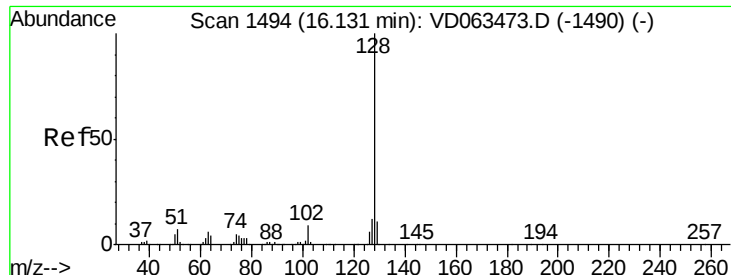
2000

1000

0

Time--> 13.50 13.55 13.60





#95

Naphthalene

Concen: 1.624 ug/l

RT: 16.11 min Scan# 1492

Delta R.T. -0.02 min

Lab File: VD063763.D

Acq: 23 Aug 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

TP-1(3-6)

Tot Ion:128 Resp: 524

Ion Ratio Lower Upper

128 100

127 0.0 9.4 14.0#

129 0.0 8.5 12.7#

