

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123119\
 Data File : VD064702.D
 Acq On : 31 Dec 2019 18:39
 Operator : VA/SY
 Sample : K6465-01
 Misc : 6.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-11-(1-3)

Quant Time: Jan 01 00:47:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	15242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	22796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	23164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	13445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	10516	78.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.48%	
35) Dibromofluoromethane	7.92	113	7880	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
50) Toluene-d8	10.34	98	29651	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	
62) 4-Bromofluorobenzene	12.64	95	11280	66.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.20%	

Target Compounds

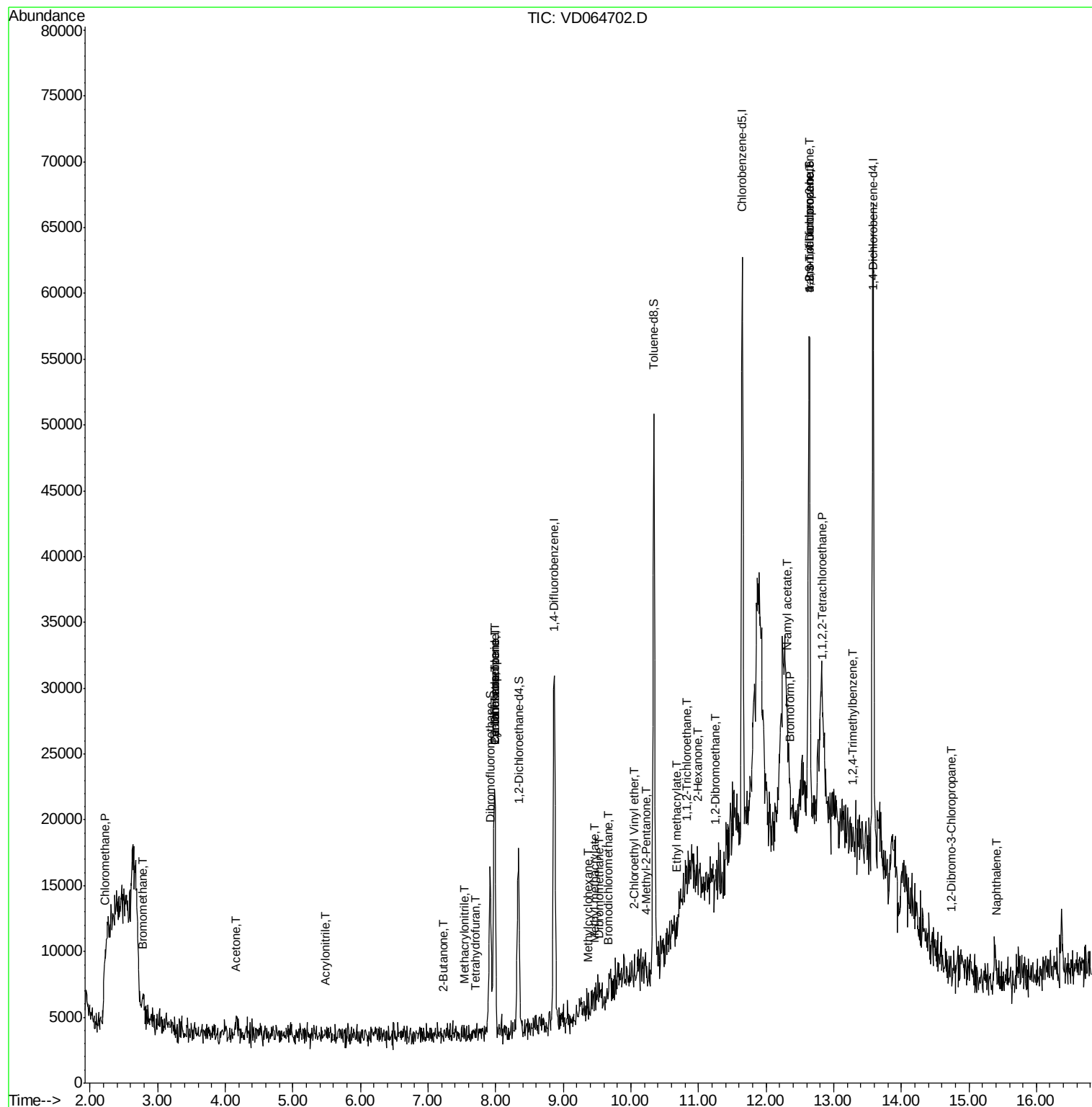
						Qvalue
3) Chloromethane	2.21	50	278	1.678	ug/l #	43
5) Bromomethane	2.79	94	668	4.548	ug/l #	76
15) Acrylonitrile	5.47	53	115	4.088	ug/l #	17
16) Acetone	4.16	43	1609	55.215	ug/l	100
20) Methylene Chloride	4.96	84	279	Below Cal	#	47
25) 2-Butanone	7.22	43	119	3.221	ug/l #	49
29) Tetrahydrofuran	7.71	42	72	3.134	ug/l #	33
31) Cyclohexane	7.98	56	340	1.357	ug/l #	84
36) 1,1-Dichloropropene	7.98	75	1198	5.460	ug/l #	46
38) Carbon Tetrachloride	7.98	117	1543	6.595	ug/l #	12
39) Methylcyclohexane	9.37	83	425	1.599	ug/l #	22
41) Methacrylonitrile	7.54	41	59	1.180	ug/l #	1
46) Dibromomethane	9.53	93	109	1.367	ug/l #	1
47) Bromodichloromethane	9.67	83	394	1.857	ug/l #	27
48) Methyl methacrylate	9.47	41	417	5.162	ug/l #	38
51) 4-Methyl-2-Pentanone	10.23	43	187	2.205	ug/l #	37
55) 1,1,2-Trichloroethane	10.83	97	534	4.970	ug/l #	33
56) Ethyl methacrylate	10.67	69	169	1.259	ug/l #	22
58) 2-Chloroethyl Vinyl ether	10.05	63	59	1.154	ug/l #	45
59) 2-Hexanone	10.98	43	264	4.587	ug/l #	26
61) 1,2-Dibromoethane	11.25	107	161	1.519	ug/l #	2
71) Bromoform	12.36	173	146	1.413	ug/l #	28
74) N-amyl acetate	12.31	43	874	4.255	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.84	83	976	6.466	ug/l	67
76) 1,2,3-Trichloropropane	12.64	75	6083	57.295	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	6083	119.830	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.28	105	1083	1.378	ug/l #	37
92) 1,2-Dibromo-3-Chloropropan	14.74	75	73	2.983	ug/l #	1
95) Naphthalene	15.41	128	829	1.854	ug/l #	69

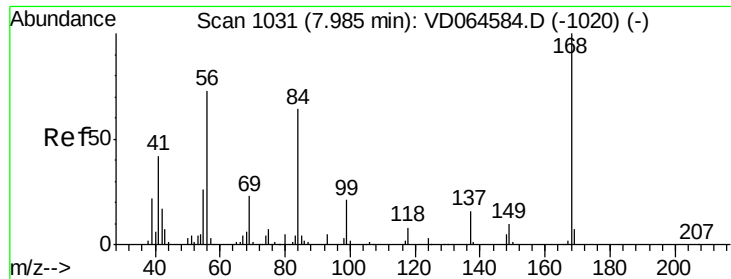
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 01 00:47:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

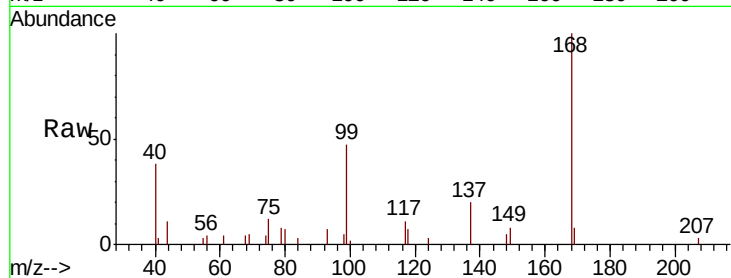
GP-11-(1-3)

Tot Ion:168 Resp: 15242

Ion Ratio Lower Upper

168 100

99 47.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

6000

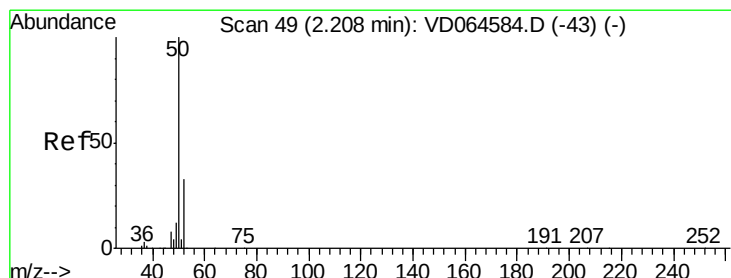
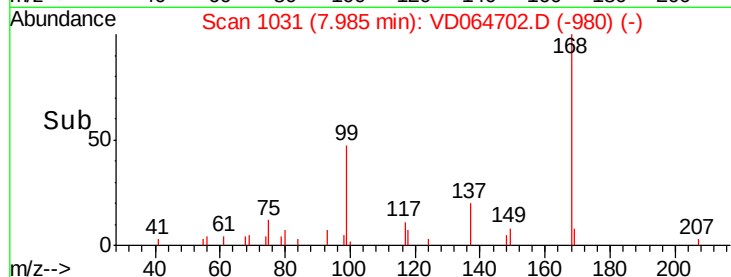
4000

2000

0

7.90 7.95 8.00 8.05

Time-->



#3

Chloromethane

Concen: 1.678 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064702.D

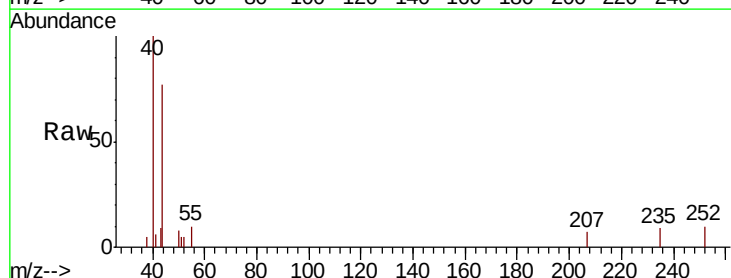
Acq: 31 Dec 2019 18:39

Tgt Ion: 50 Resp: 278

Ion Ratio Lower Upper

50 100

52 65.4 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

300

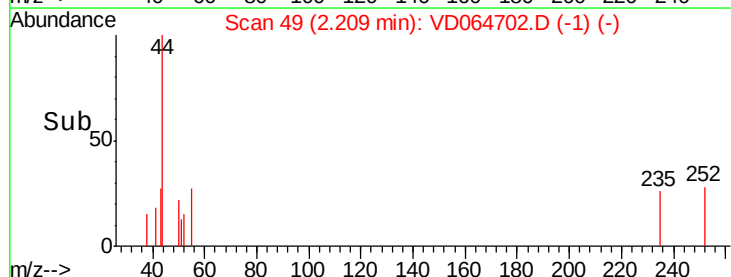
200

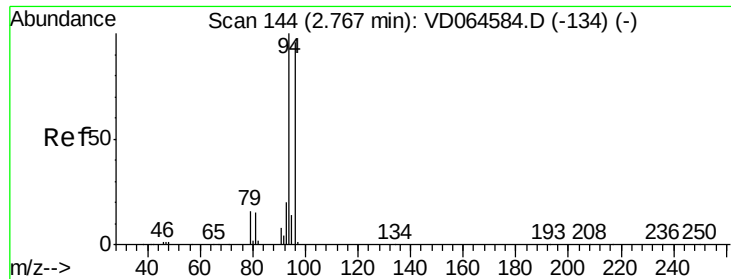
100

0

2.18 2.20 2.22 2.24

Time-->





#5

Bromomethane

Concen: 4.548 ug/l

RT: 2.79 min Scan# 147

Delta R.T. 0.02 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

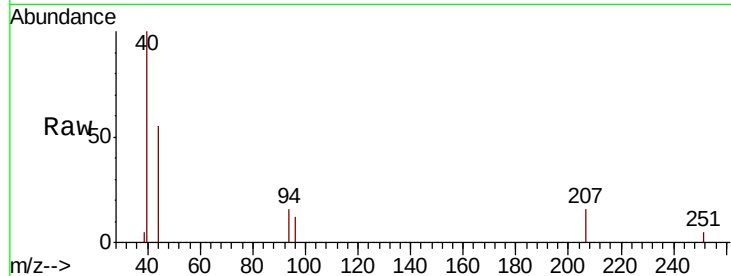
GP-11-(1-3)

Tot Ion: 94 Resp: 668

Ion Ratio Lower Upper

94 100

96 72.7 77.2 115.8#

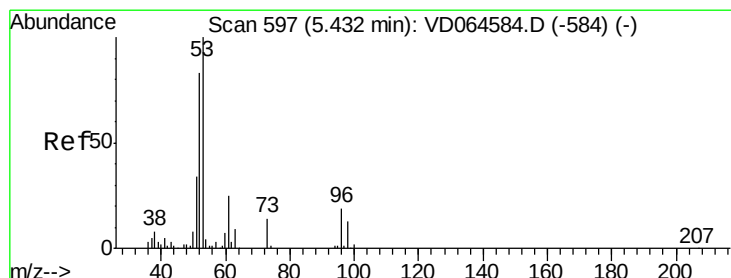
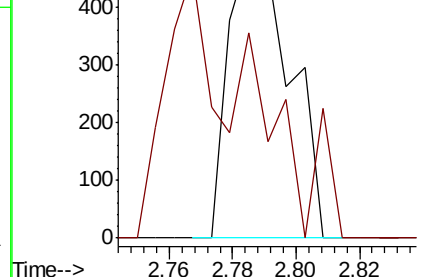
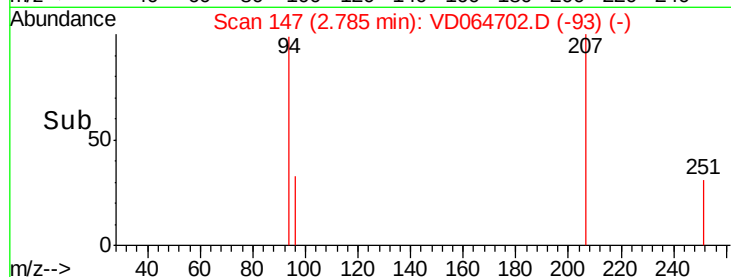


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.79

Time-->



#15

Acrylonitrile

Concen: 4.088 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.04 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

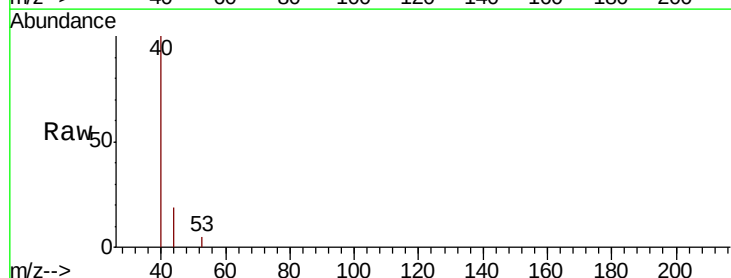
Tgt Ion: 53 Resp: 115

Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.2#

51 0.0 30.1 45.1#



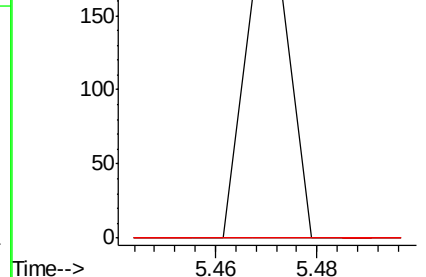
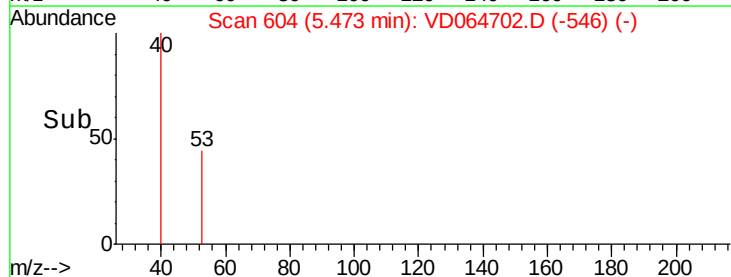
Abundance Ion 53.00 (52.70 to 53.70): VDC

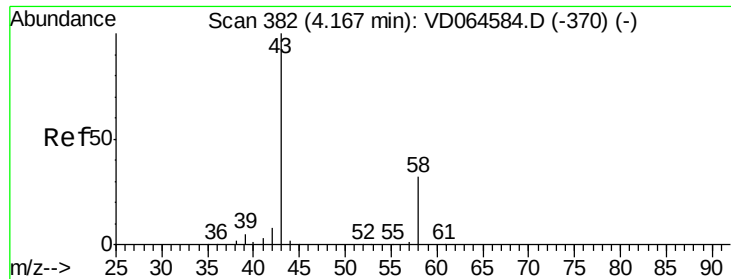
Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC

5.47

Time-->





#16

Acetone

Concen: 55.215 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

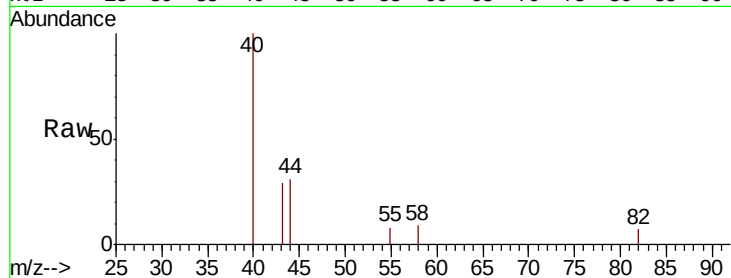
GP-11-(1-3)

Tot Ion: 43 Resp: 1609

Ion Ratio Lower Upper

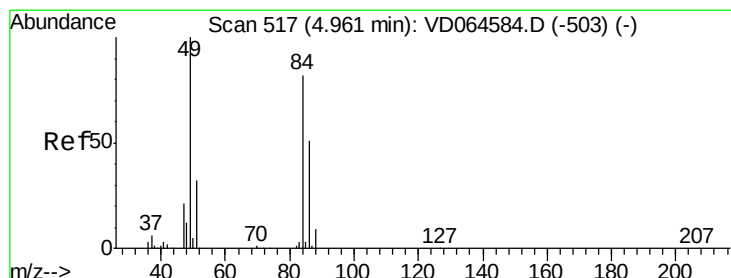
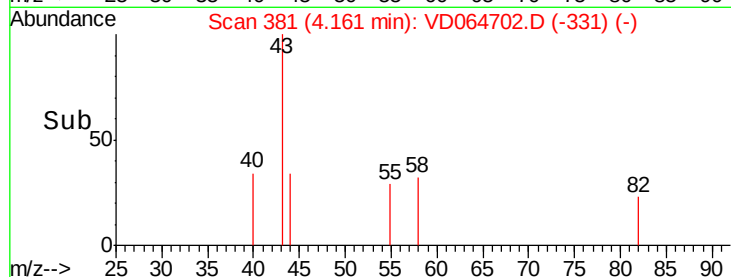
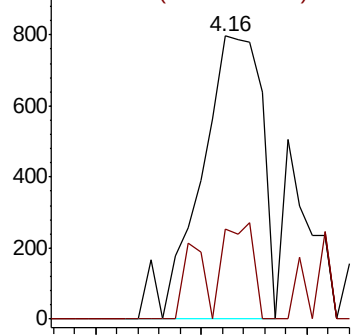
43 100

58 32.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Tgt Ion: 84 Resp: 279

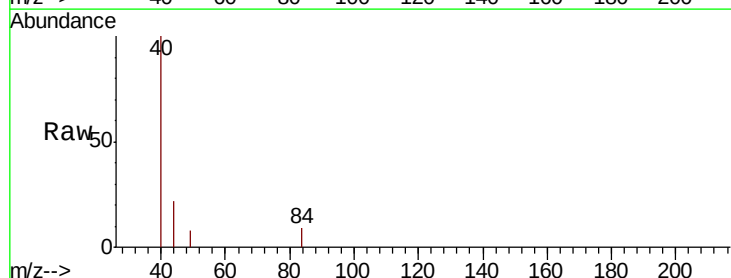
Ion Ratio Lower Upper

84 100

49 82.2 97.2 145.8#

51 0.0 31.4 47.0#

86 0.0 49.3 73.9#

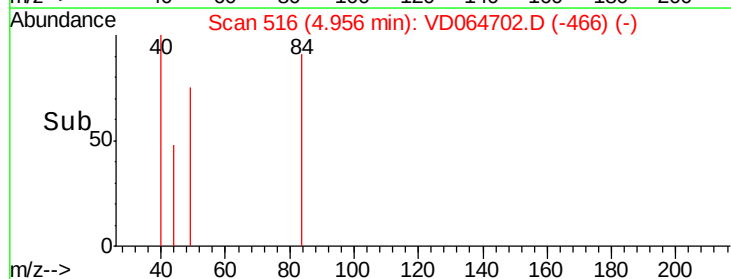
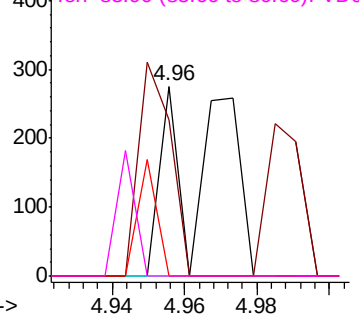


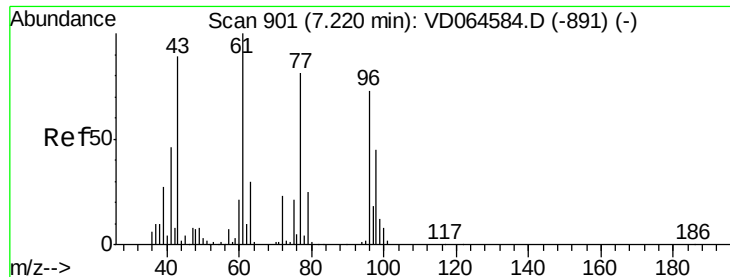
Abundance Ion 83.90 (83.60 to 84.60): VDC

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





#25

2-Butanone

Concen: 3.221 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

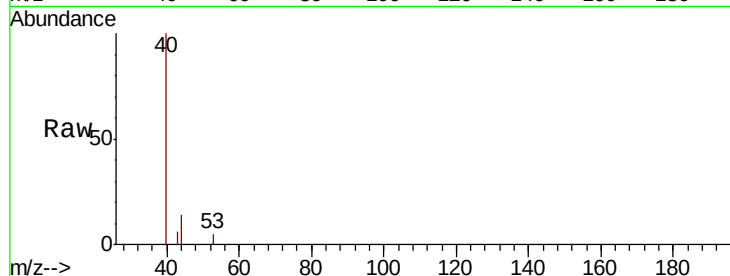
GP-11-(1-3)

Tot Ion: 43 Resp: 119

Ion Ratio Lower Upper

43 100

72 0.0 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.22

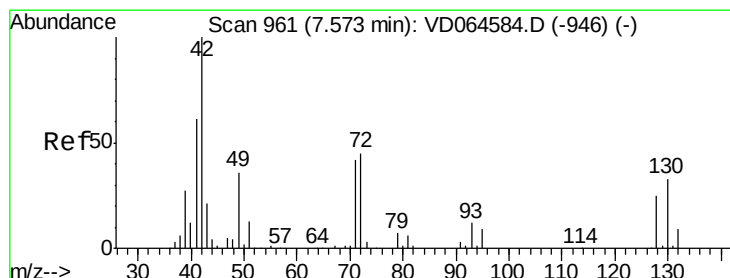
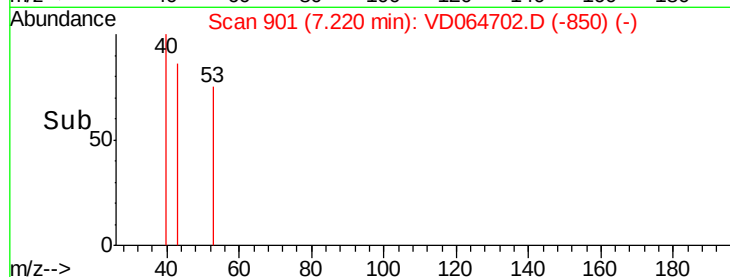
150

100

50

0

Time--> 7.18 7.20 7.22 7.24



#29

Tetrahydrofuran

Concen: 3.134 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.14 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

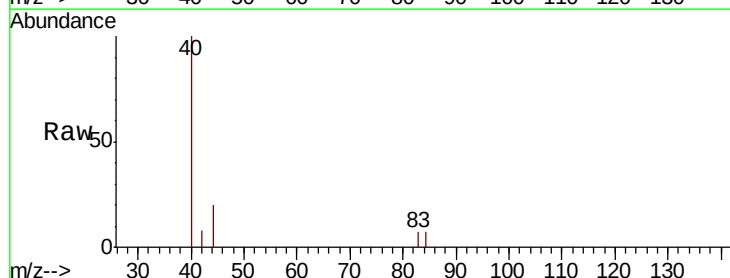
Tgt Ion: 42 Resp: 72

Ion Ratio Lower Upper

42 100

72 0.0 35.0 52.4#

71 0.0 32.9 49.3#



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

250

200

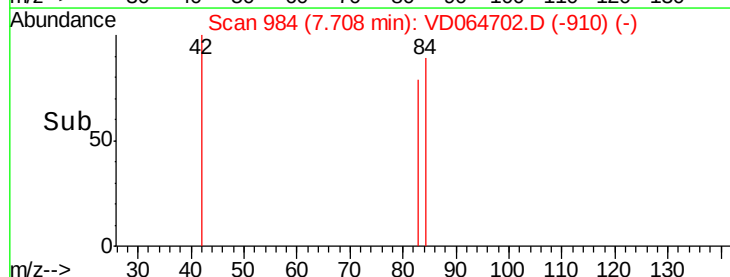
150

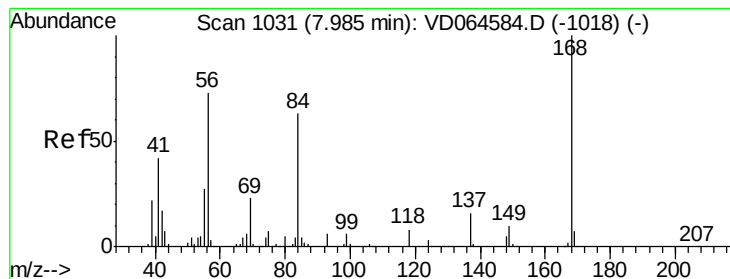
100

50

0

Time--> 7.69 7.70 7.71 7.72





#31

Cyclohexane

Concen: 1.357 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

GP-11-(1-3)

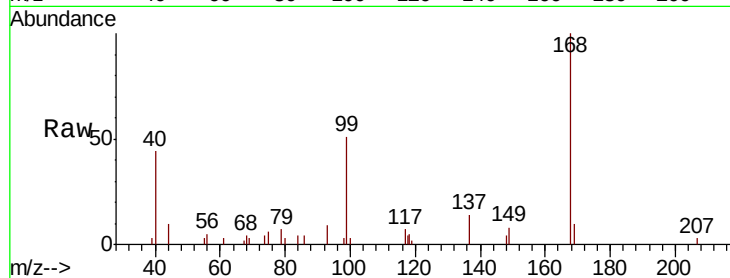
Tot Ion: 56 Resp: 340

Ion Ratio Lower Upper

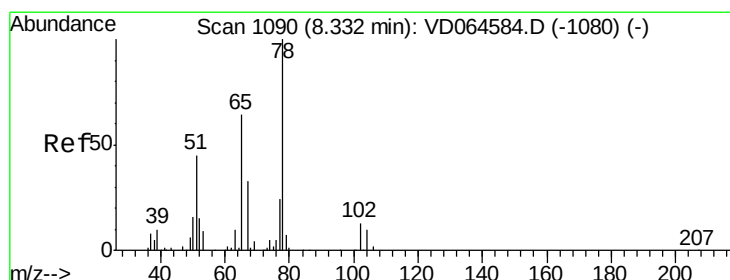
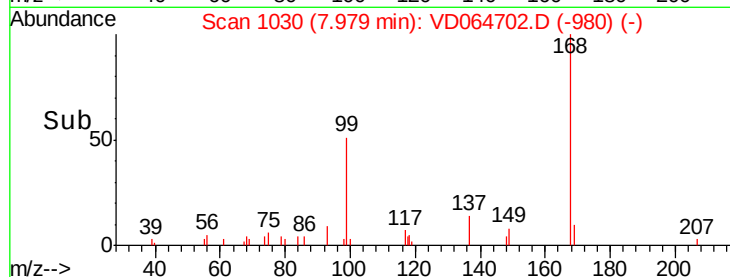
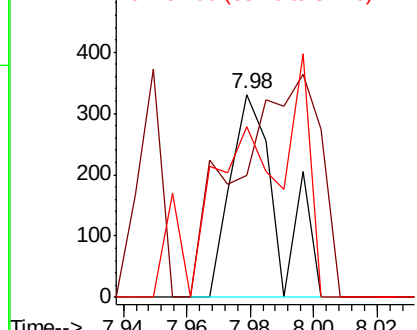
56 100

69 60.4 24.7 37.1#

84 84.0 69.4 104.2



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 78.243 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064702.D

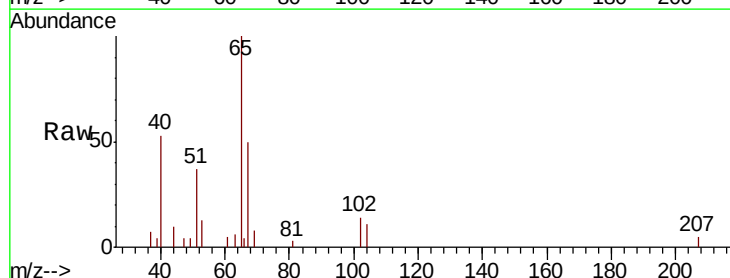
Acq: 31 Dec 2019 18:39

Tgt Ion: 65 Resp: 10516

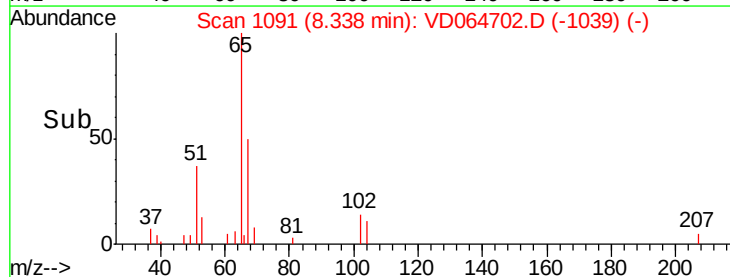
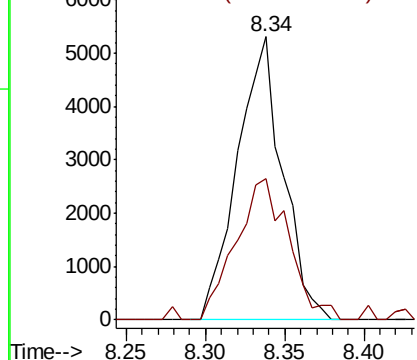
Ion Ratio Lower Upper

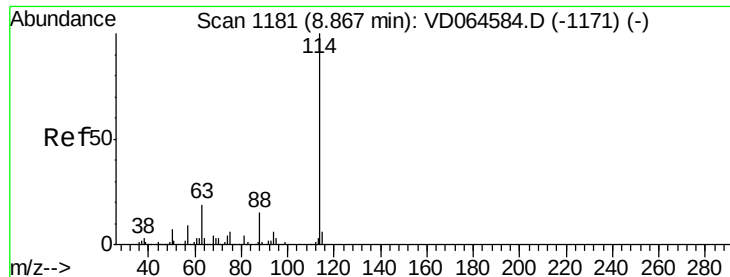
65 100

67 58.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

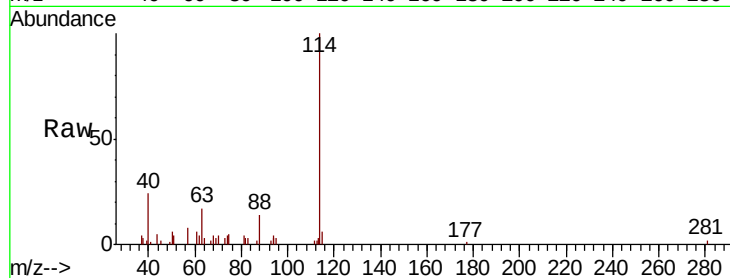




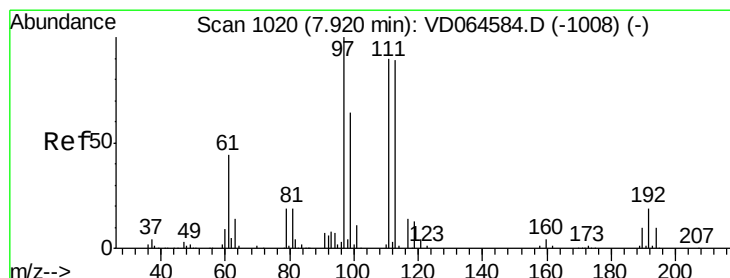
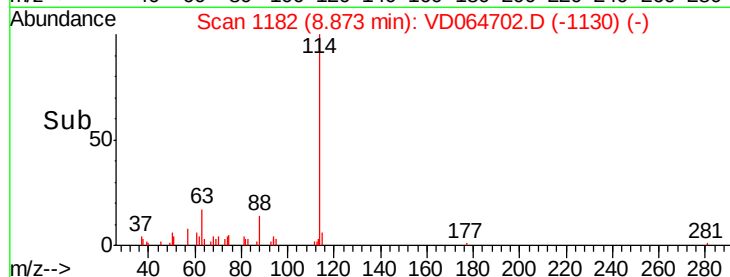
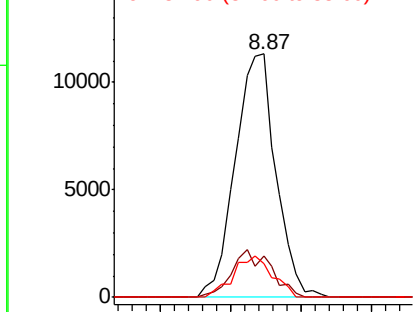
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD064702.D
Acq: 31 Dec 2019 18:39

Instrument :
MSVOA_D
ClientSampleId :
GP-11-(1-3)

Tot Ion:114 Resp: 22796
Ion Ratio Lower Upper
114 100
63 16.7 0.0 38.0
88 13.6 0.0 29.2

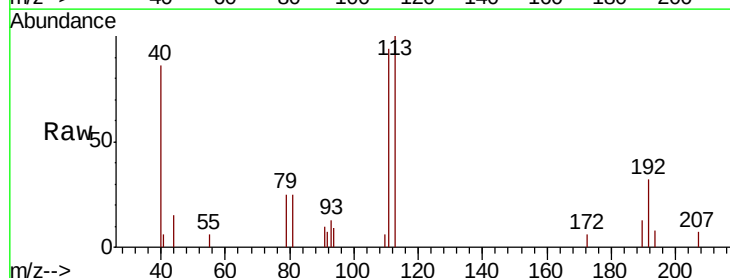


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

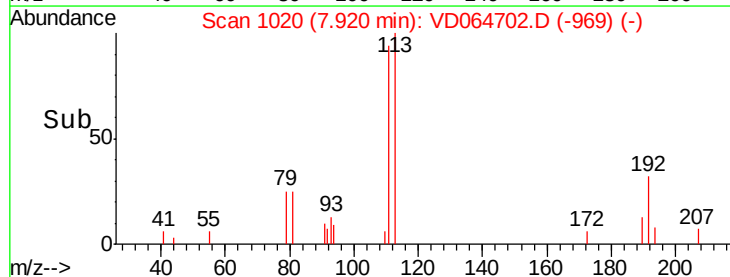
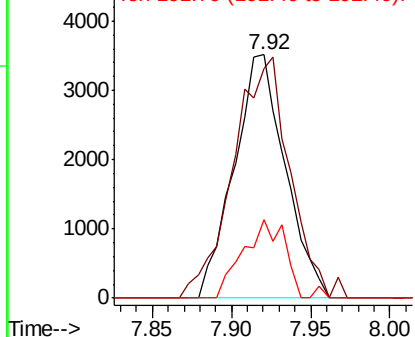


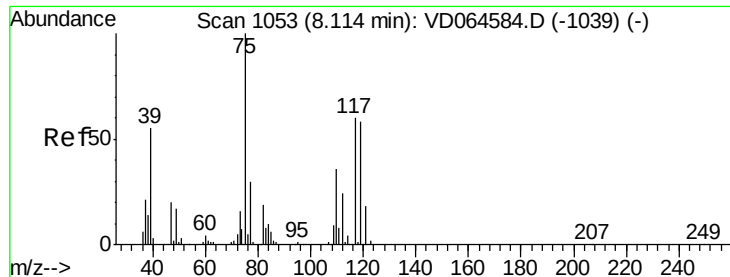
#35
Dibromofluoromethane
Concen: 56.343 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064702.D
Acq: 31 Dec 2019 18:39

Tgt Ion:113 Resp: 7880
Ion Ratio Lower Upper
113 100
111 110.0 80.6 121.0
192 26.1 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.460 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

GP-11-(1-3)

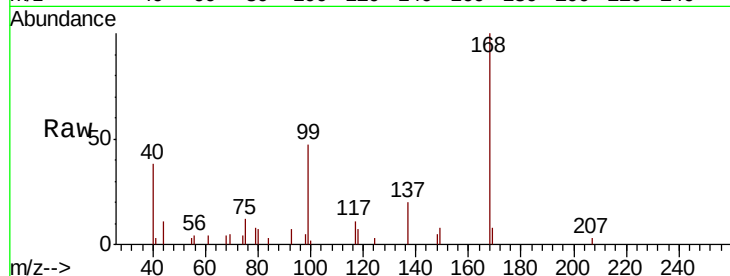
Tot Ion: 75 Resp: 1198

Ion Ratio Lower Upper

75 100

110 5.6 18.1 54.1#

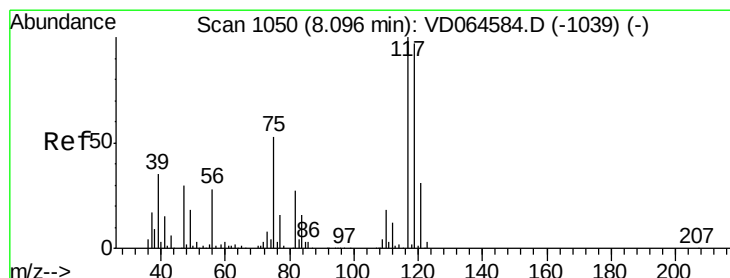
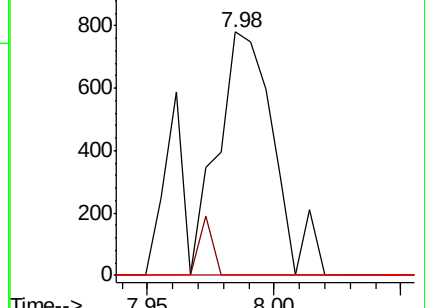
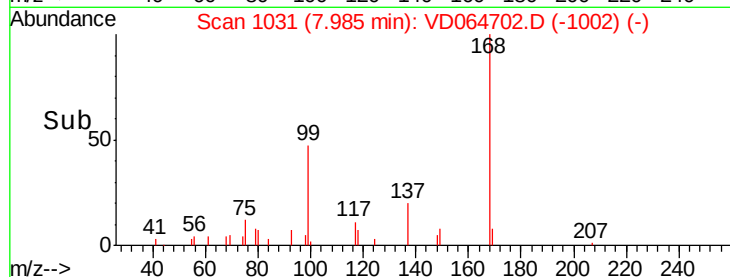
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VD064702.D (-999) (-)

Ion 109.90 (109.60 to 110.60): VD064702.D (-999) (-)

Ion 76.90 (76.60 to 77.60): VD064702.D (-999) (-)



#38

Carbon Tetrachloride

Concen: 6.595 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

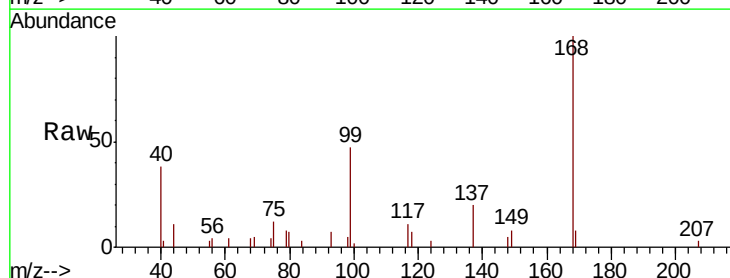
Tgt Ion: 117 Resp: 1543

Ion Ratio Lower Upper

117 100

119 0.0 77.3 115.9#

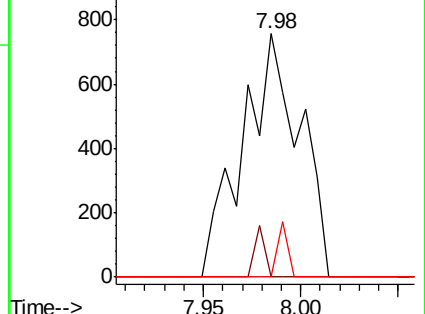
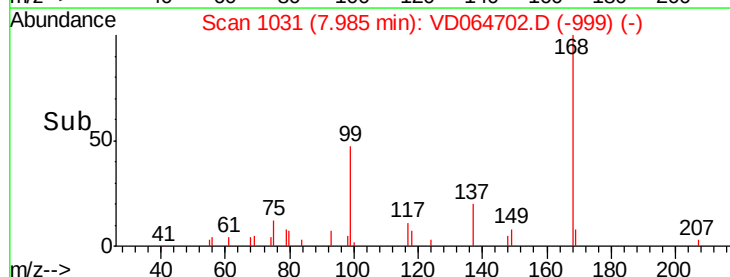
121 0.0 25.0 37.6#

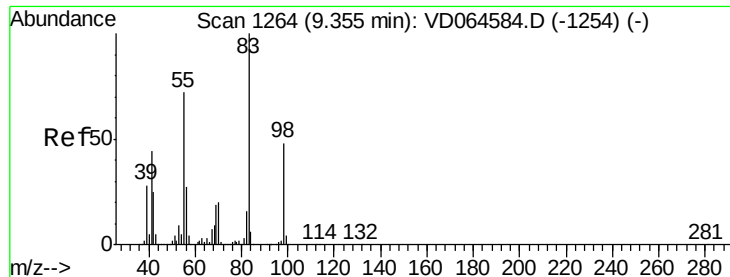


Abundance Ion 116.80 (116.50 to 117.50): VD064702.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD064702.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD064702.D (-999) (-)





#39

Methylcyclohexane

Concen: 1.599 ug/l

RT: 9.37 min Scan# 1266

Delta R.T. 0.01 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

GP-11-(1-3)

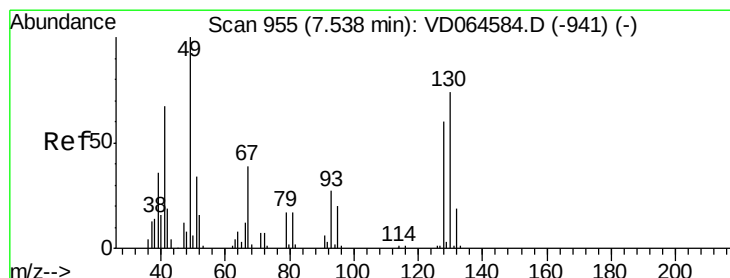
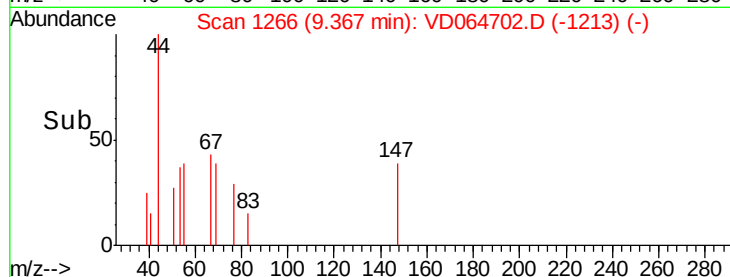
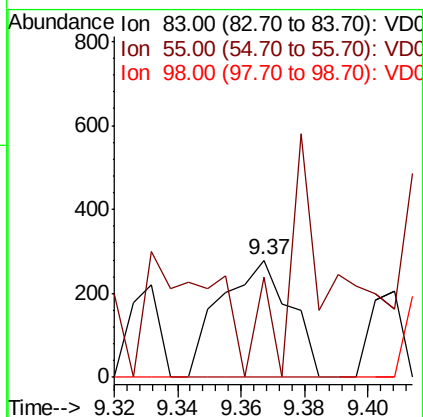
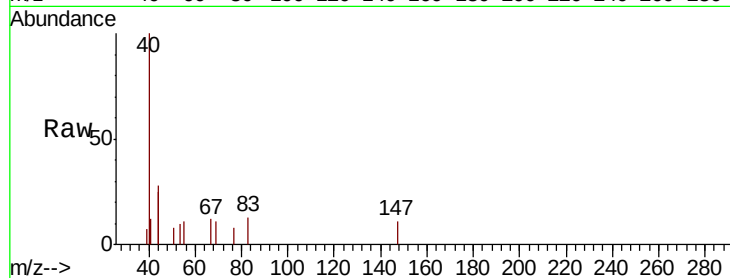
Tot Ion: 83 Resp: 425

Ion Ratio Lower Upper

83 100

55 3.6 57.8 86.6#

98 0.0 38.7 58.1#



#41

Methacrylonitrile

Concen: 1.180 ug/l

RT: 7.54 min Scan# 956

Delta R.T. 0.01 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Tgt Ion: 41 Resp: 59

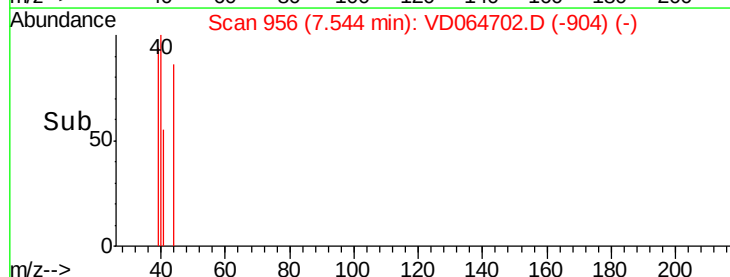
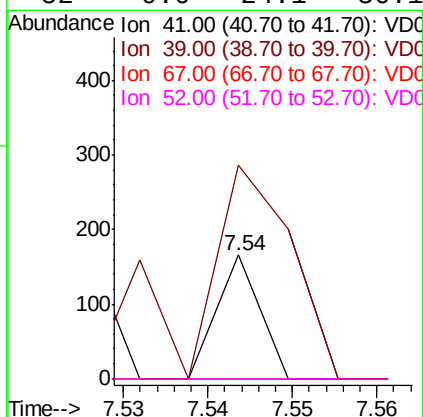
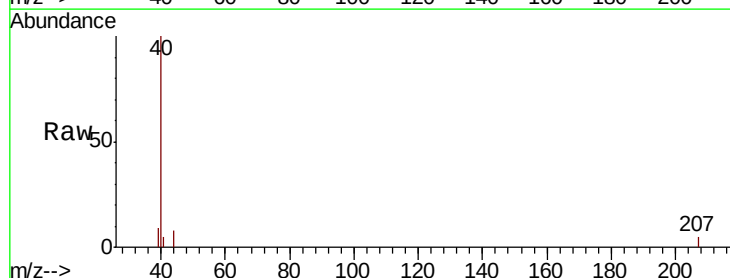
Ion Ratio Lower Upper

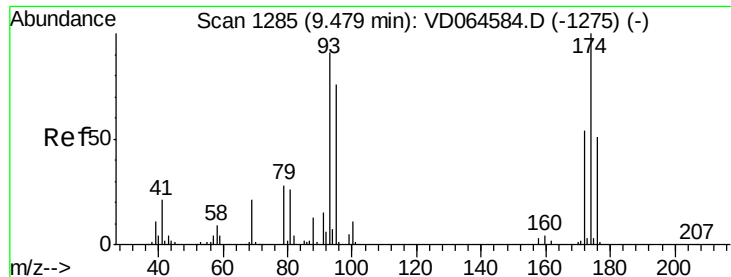
41 100

39 291.5 46.7 70.1#

67 0.0 52.5 78.7#

52 0.0 24.1 36.1#





#46

Dibromomethane

Concen: 1.367 ug/l

RT: 9.53 min Scan# 1294

Delta R.T. 0.05 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

GP-11-(1-3)

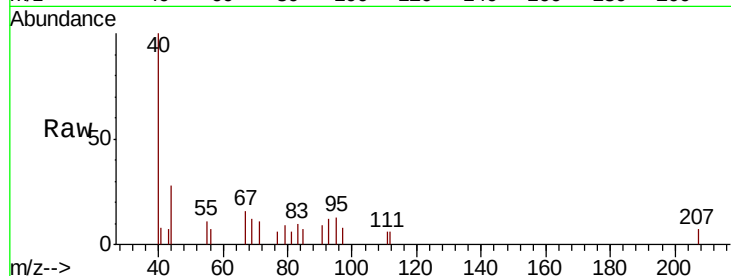
Tot Ion: 93 Resp: 109

Ion Ratio Lower Upper

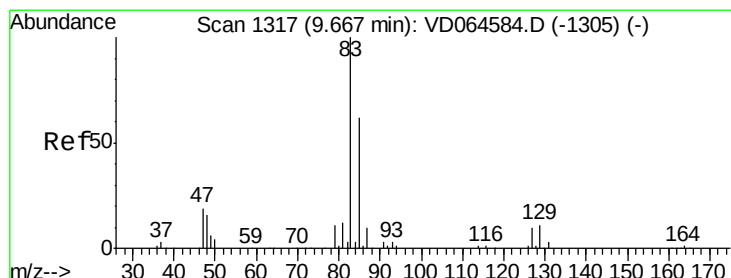
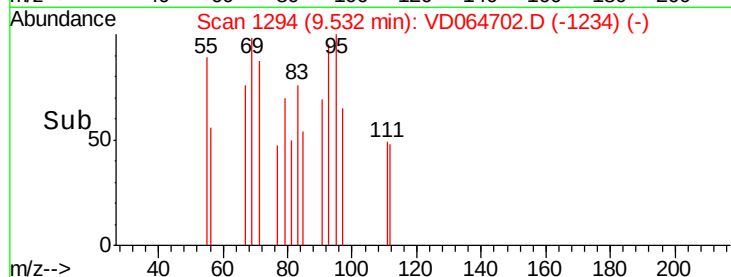
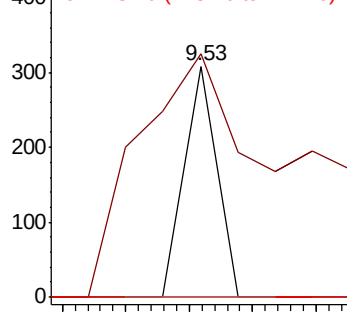
93 100

95 367.9 64.6 97.0#

174 0.0 88.1 132.1#



Abundance Ion 92.80 (92.50 to 93.50): VDC
Ion 94.80 (94.50 to 95.50): VDC
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 1.857 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

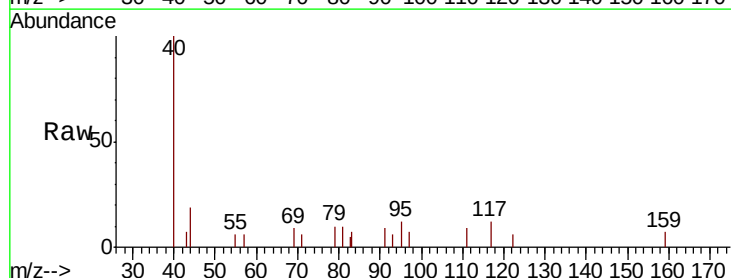
Tgt Ion: 83 Resp: 394

Ion Ratio Lower Upper

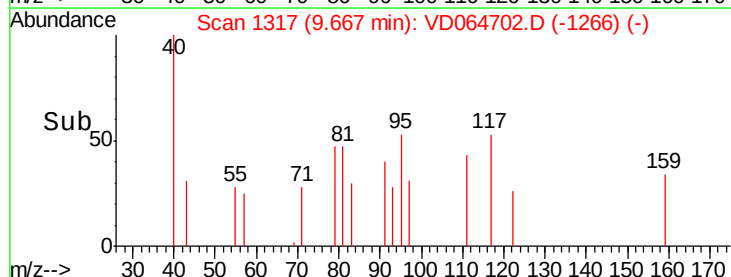
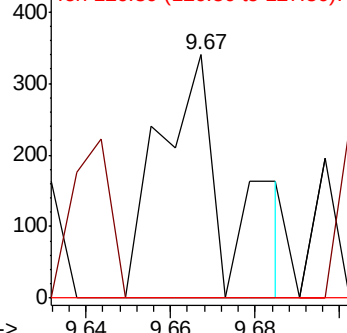
83 100

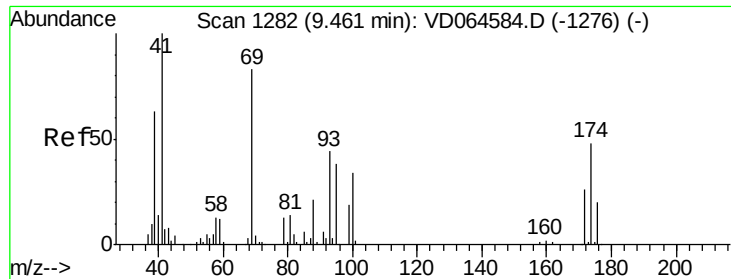
85 0.0 49.5 74.3#

127 0.0 7.8 11.6#



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V

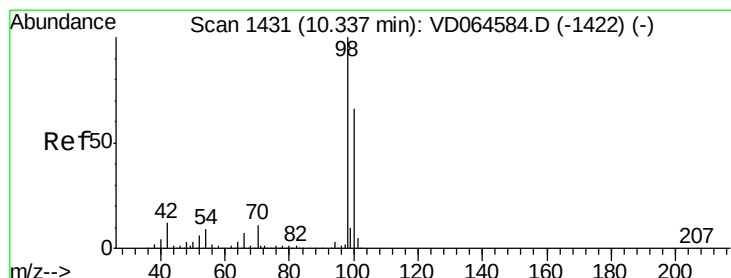
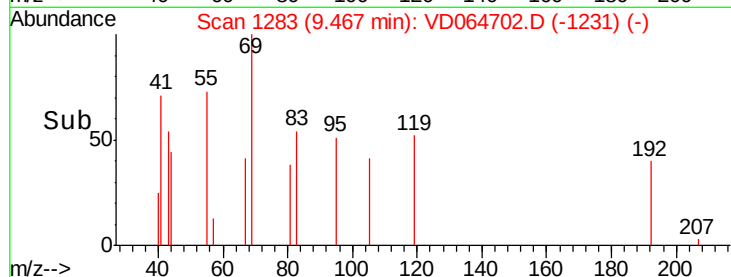
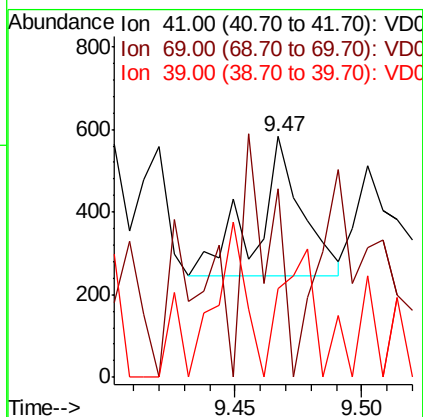
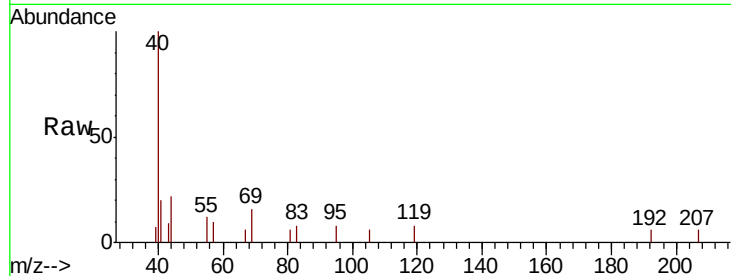




#48
Methyl methacrylate
Concen: 5.162 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD064702.D
Acq: 31 Dec 2019 18:39

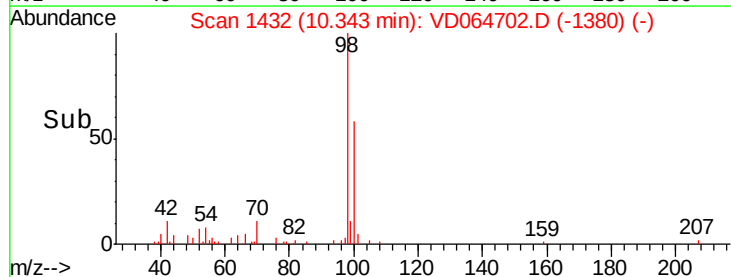
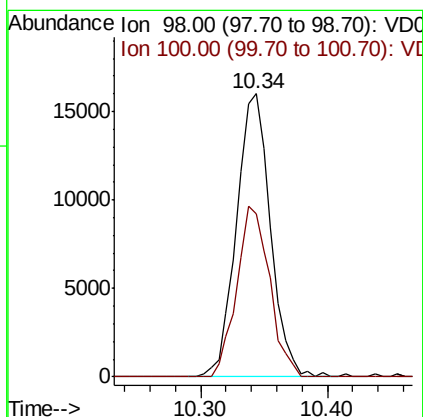
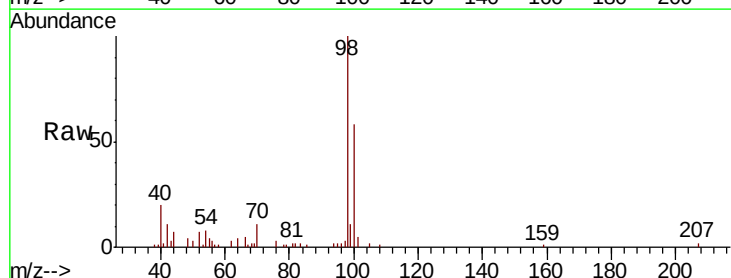
Instrument :
MSVOA_D
ClientSampled :
GP-11-(1-3)

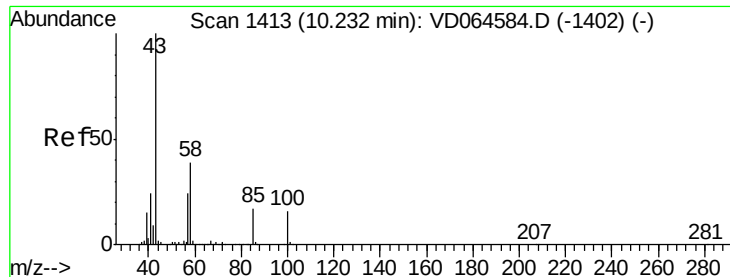
Tot Ion: 41 Resp: 417
Ion Ratio Lower Upper
41 100
69 0.0 63.0 94.6#
39 77.9 47.4 71.2#



#50
Toluene-d8
Concen: 55.356 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064702.D
Acq: 31 Dec 2019 18:39

Tgt Ion: 98 Resp: 29651
Ion Ratio Lower Upper
98 100
100 58.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 2.205 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

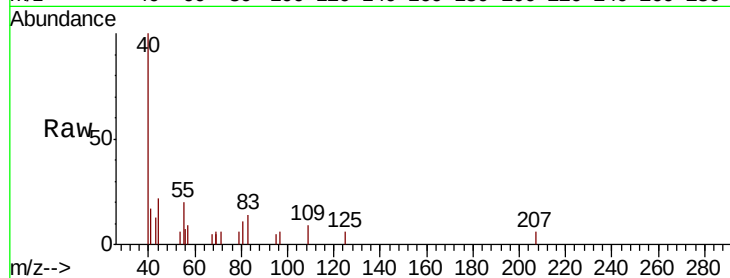
GP-11-(1-3)

Tot Ion: 43 Resp: 187

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

400

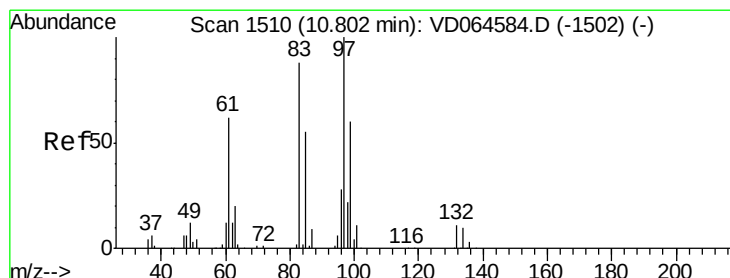
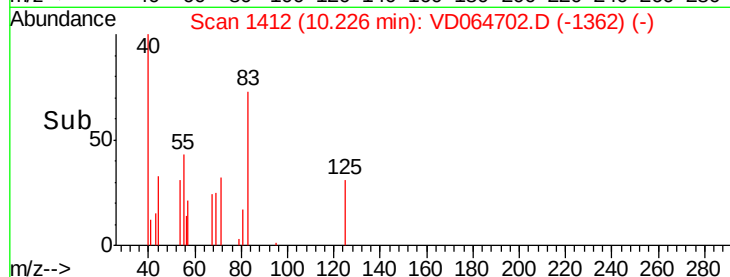
300

200

100

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 4.970 ug/l

RT: 10.83 min Scan# 1514

Delta R.T. 0.02 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Tgt Ion: 97 Resp: 534

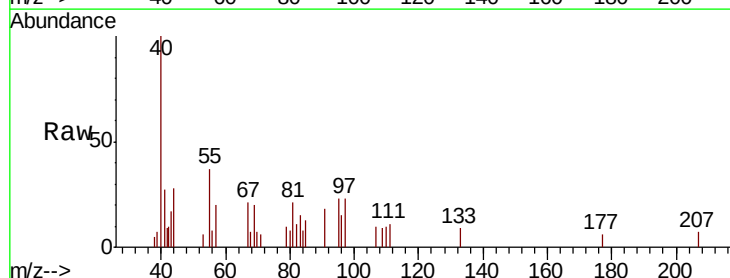
Ion Ratio Lower Upper

97 100

83 0.3 70.2 105.4#

85 48.0 44.0 66.0

99 0.0 47.8 71.6#



Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

1000

800

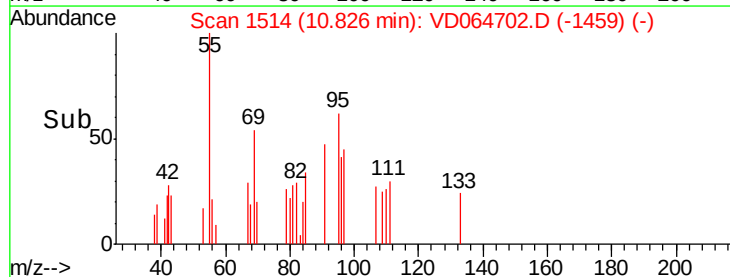
600

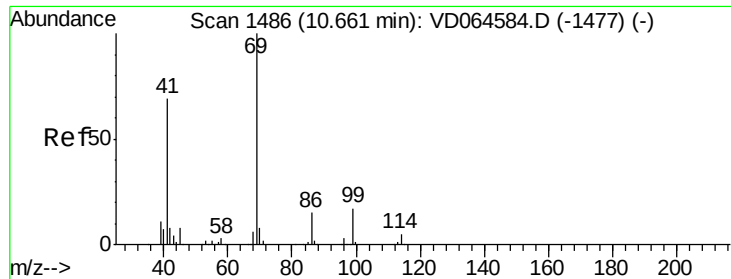
400

200

0

Time-->





#56

Ethyl methacrylate

Concen: 1.259 ug/l

RT: 10.67 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

GP-11-(1-3)

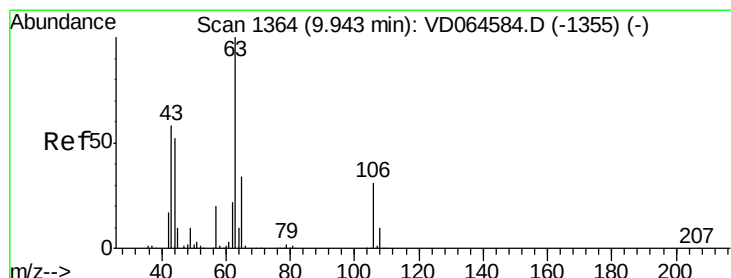
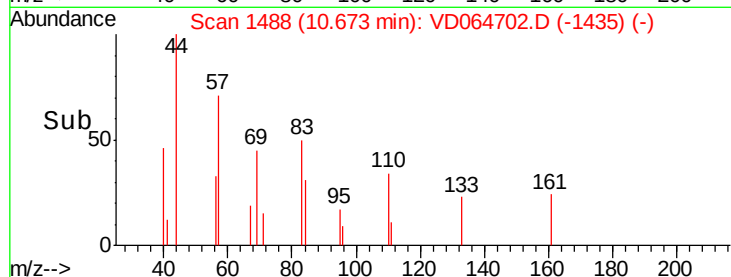
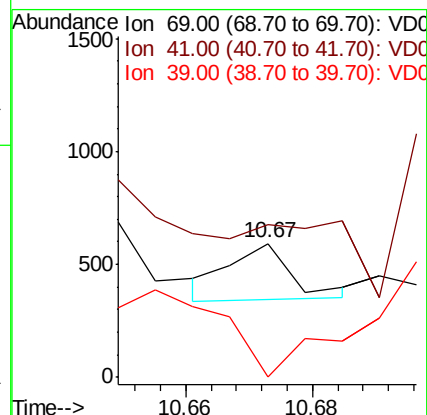
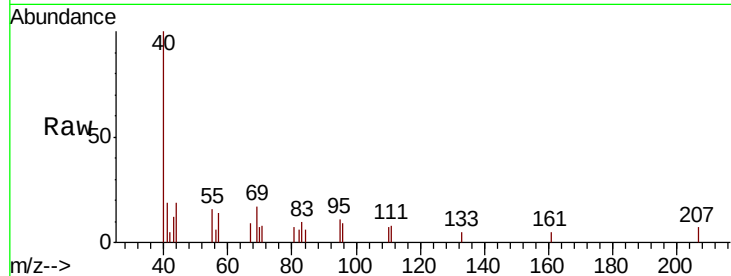
Tot Ion: 69 Resp: 169

Ion Ratio Lower Upper

69 100

41 0.0 55.3 82.9#

39 0.0 33.8 50.8#



#58

2-Chloroethyl Vinyl ether

Concen: 1.154 ug/l

RT: 10.05 min Scan# 1382

Delta R.T. 0.11 min

Lab File: VD064702.D

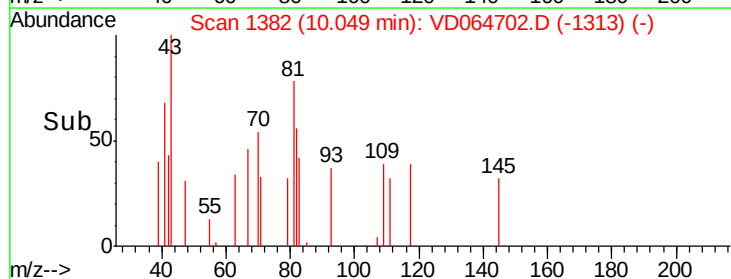
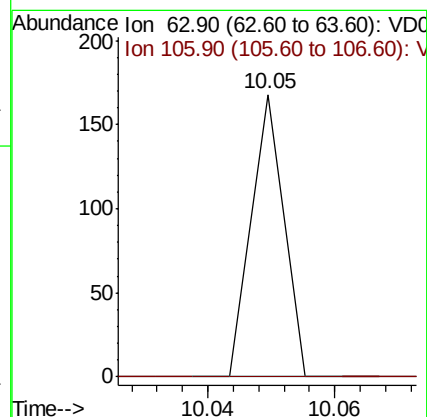
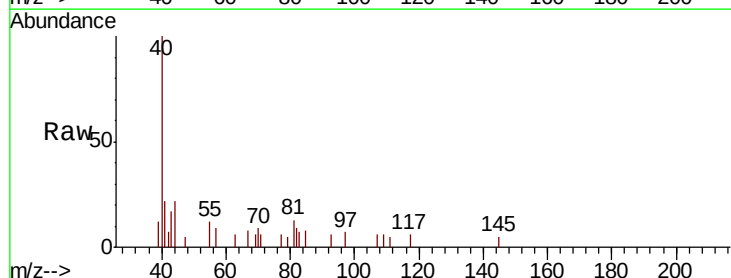
Acq: 31 Dec 2019 18:39

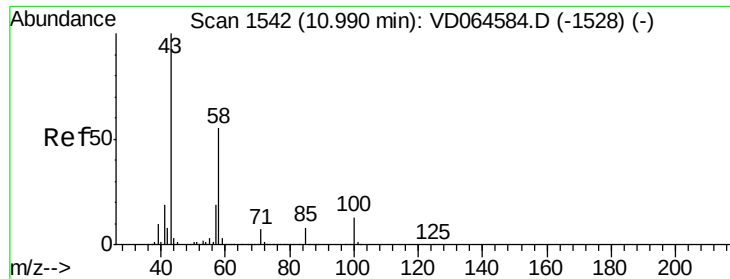
Tgt Ion: 63 Resp: 59

Ion Ratio Lower Upper

63 100

106 0.0 23.8 35.8#





#59

2-Hexanone

Concen: 4.587 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.01 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

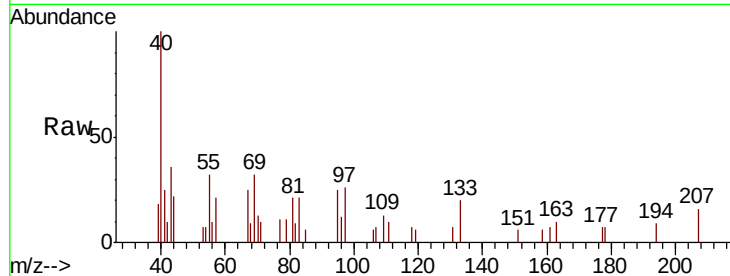
GP-11-(1-3)

Tot Ion: 43 Resp: 264

Ion Ratio Lower Upper

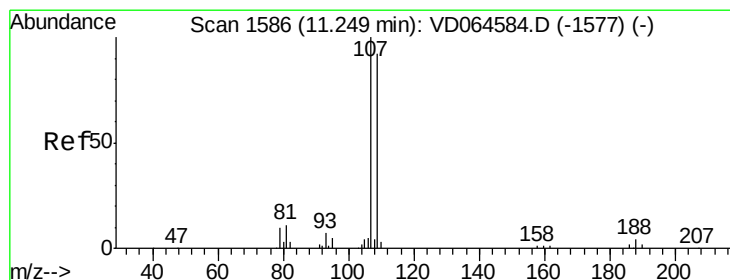
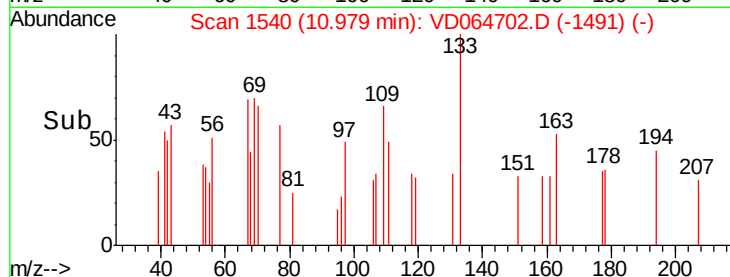
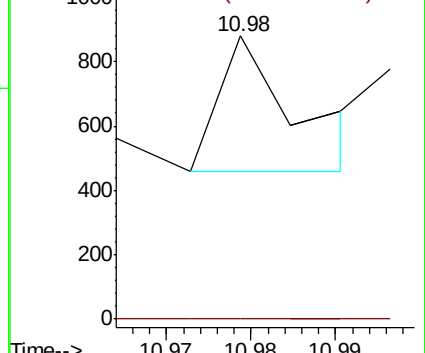
43 100

58 0.0 26.4 79.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#61

1,2-Dibromoethane

Concen: 1.519 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD064702.D

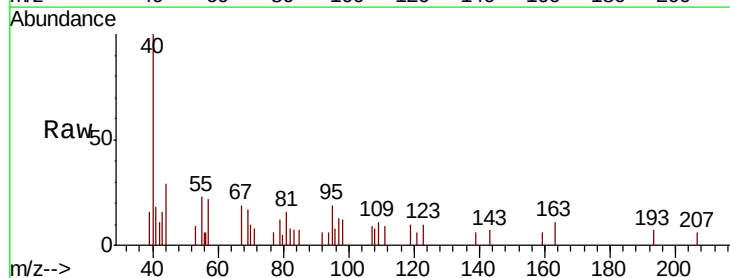
Acq: 31 Dec 2019 18:39

Tgt Ion: 107 Resp: 161

Ion Ratio Lower Upper

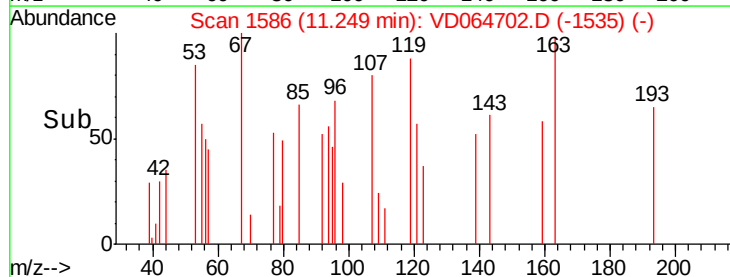
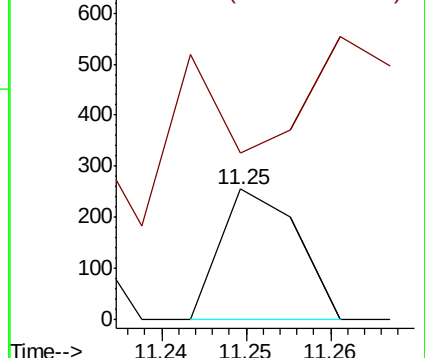
107 100

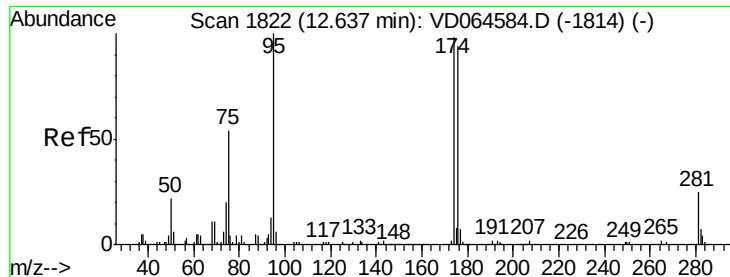
109 0.0 75.6 113.4#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

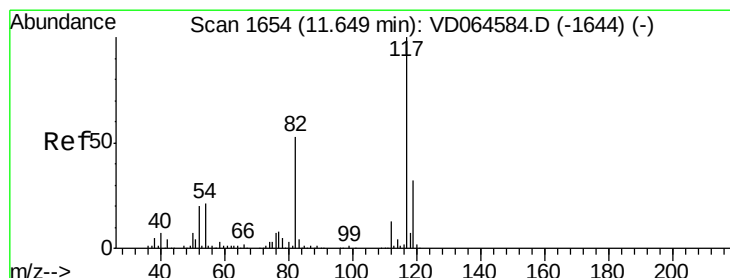
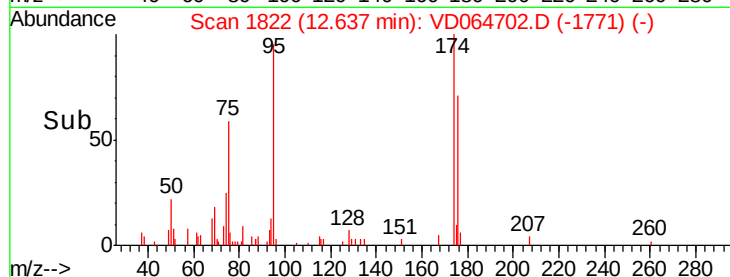
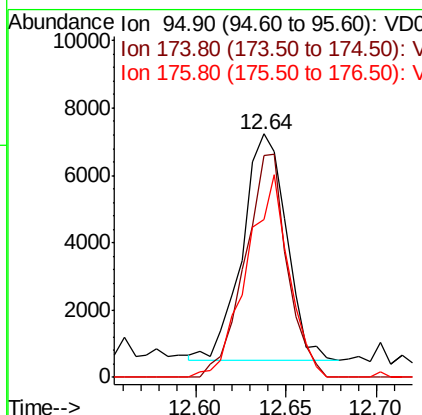
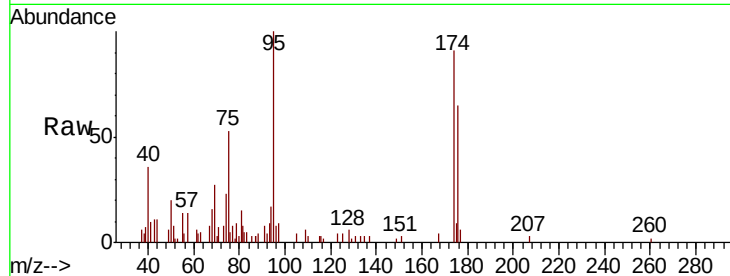




#62
4-Bromofluorobenzene
Concen: 66.598 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064702.D
Acq: 31 Dec 2019 18:39

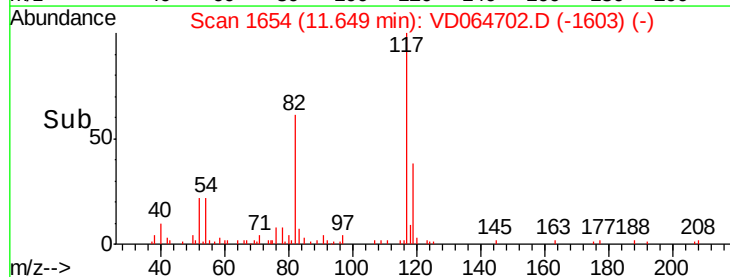
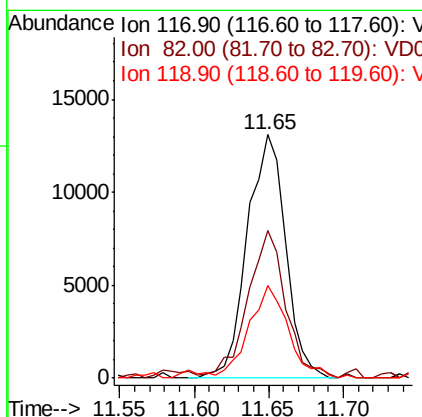
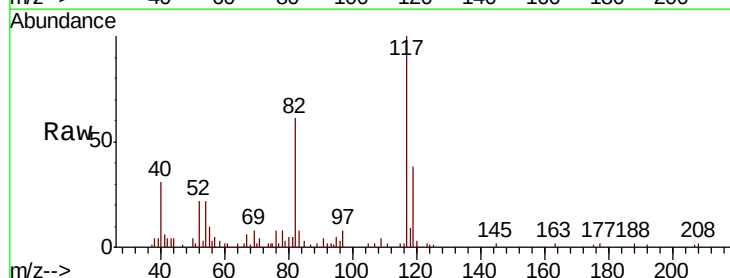
Instrument :
MSVOA_D
ClientSampleId :
GP-11-(1-3)

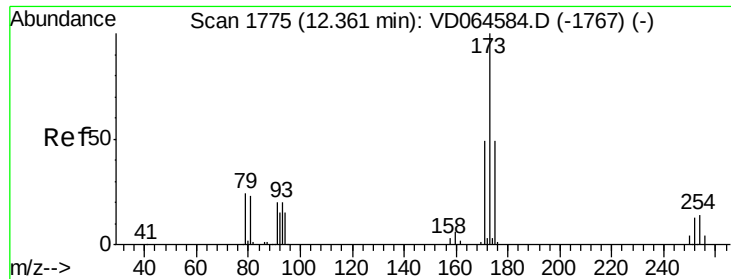
Tot Ion: 95 Resp: 11280
Ion Ratio Lower Upper
95 100
174 95.4 0.0 193.2
176 86.3 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064702.D
Acq: 31 Dec 2019 18:39

Tgt Ion: 117 Resp: 23164
Ion Ratio Lower Upper
117 100
82 60.8 42.2 63.4
119 38.0 26.0 39.0





#71

Bromoform

Concen: 1.413 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

GP-11-(1-3)

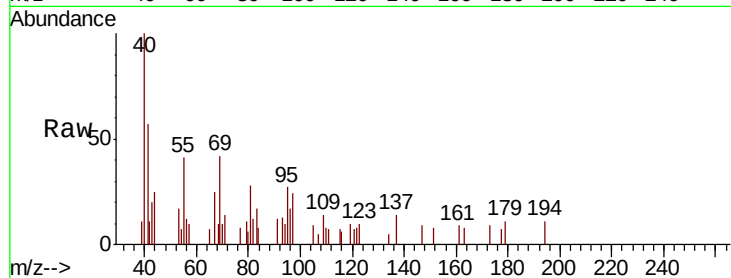
Tot Ion:173 Resp: 146

Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.8#

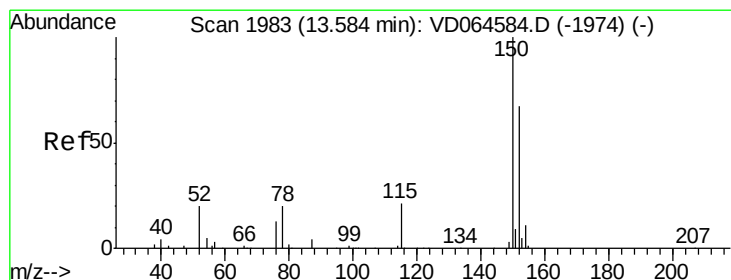
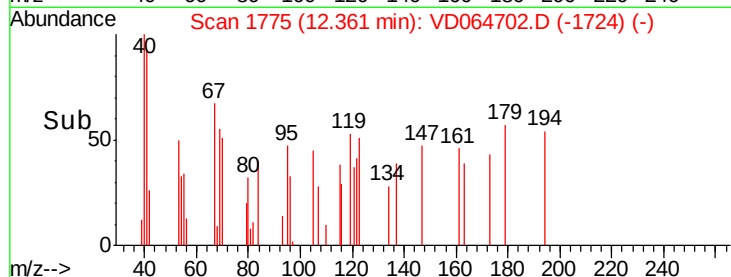
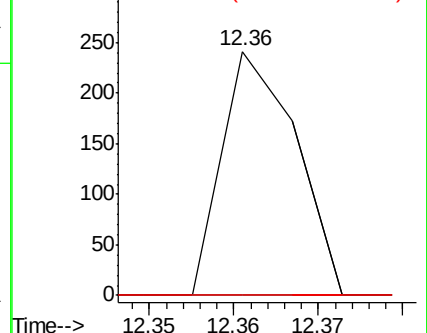
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

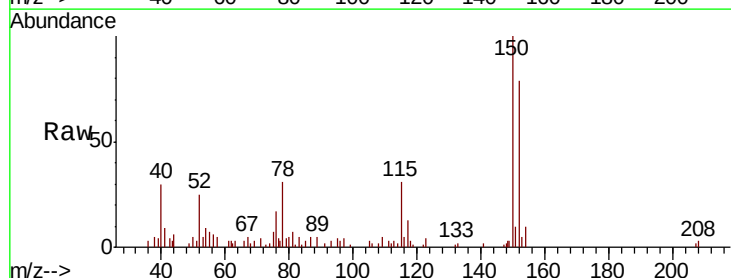
Tgt Ion:152 Resp: 13445

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

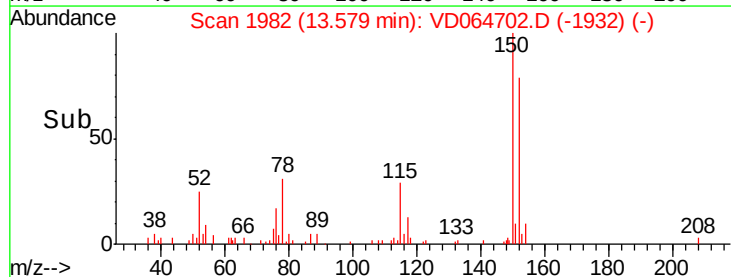
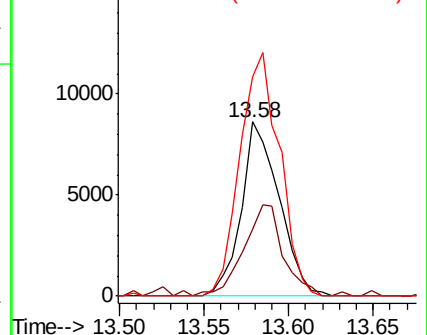
150 146.7 0.0 351.4

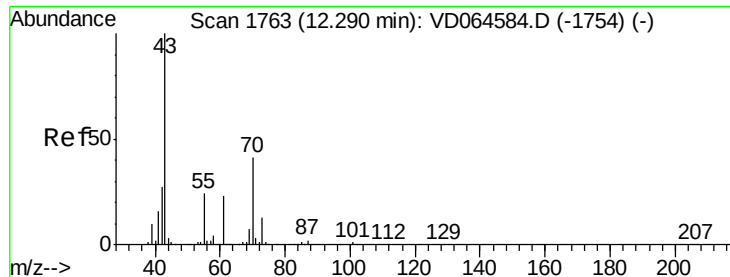


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 4.255 ug/l

RT: 12.31 min Scan# 1767

Delta R.T. 0.02 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

GP-11-(1-3)

Tot Ion: 43 Resp: 874

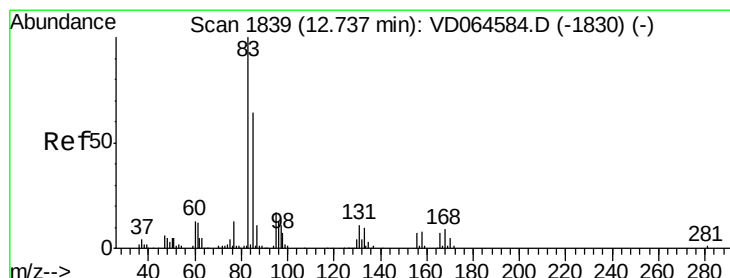
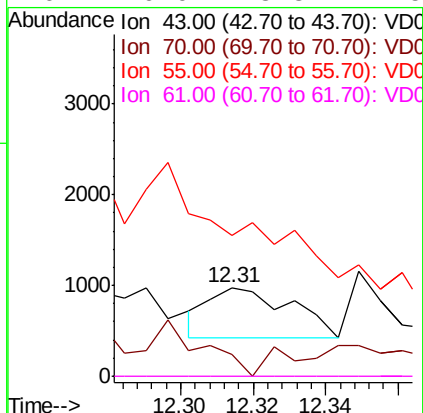
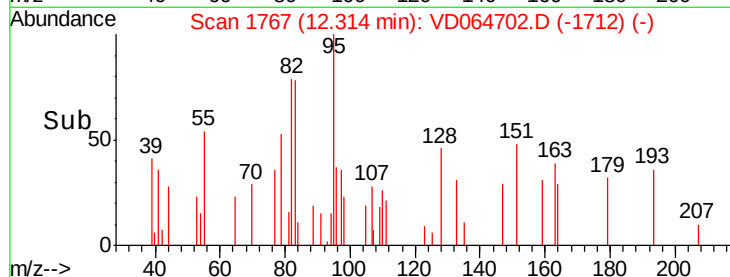
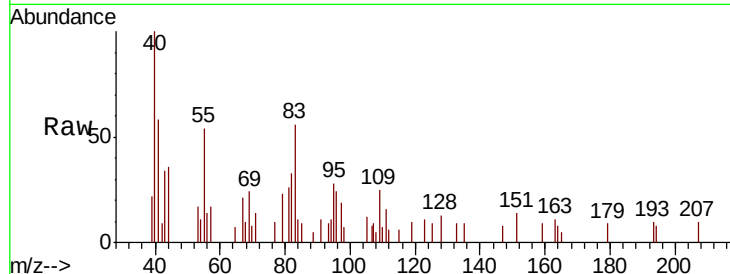
Ion Ratio Lower Upper

43 100

70 59.6 33.4 50.0#

55 0.0 19.4 29.0#

61 0.0 18.3 27.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 6.466 ug/l

RT: 12.84 min Scan# 1856

Delta R.T. 0.10 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

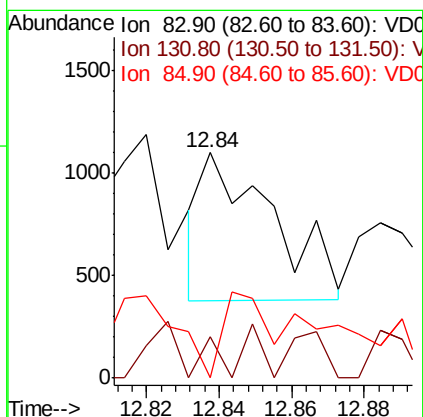
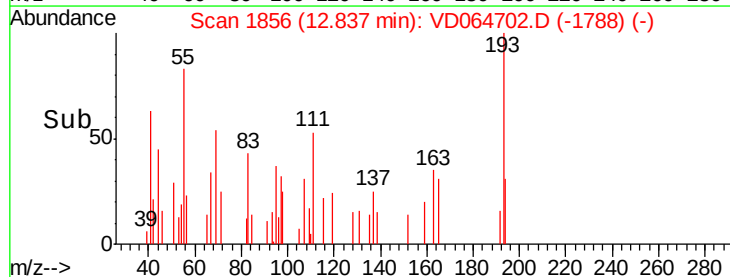
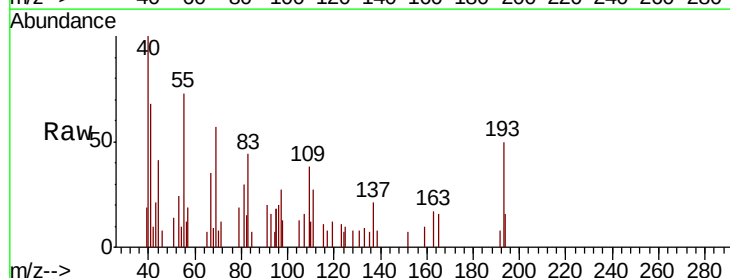
Tgt Ion: 83 Resp: 976

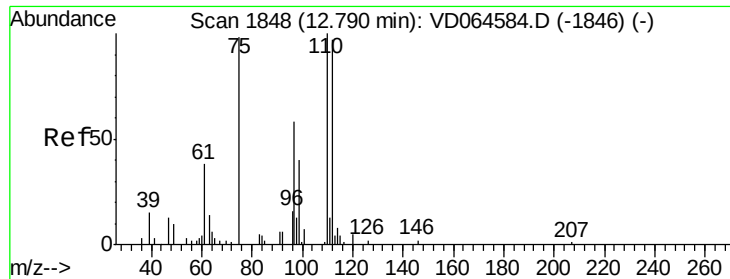
Ion Ratio Lower Upper

83 100

131 9.4 5.8 17.4

85 35.0 32.3 96.9





#76

1,2,3-Trichloropropane

Concen: 57.295 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

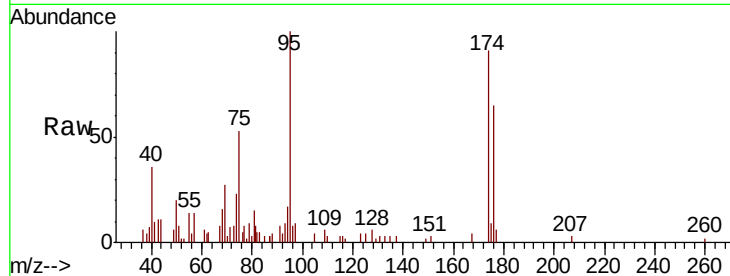
GP-11-(1-3)

Tot Ion: 75 Resp: 6083

Ion Ratio Lower Upper

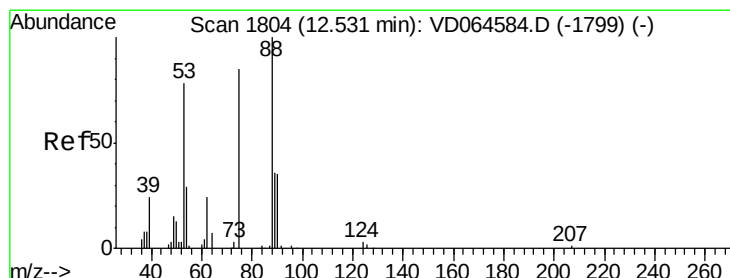
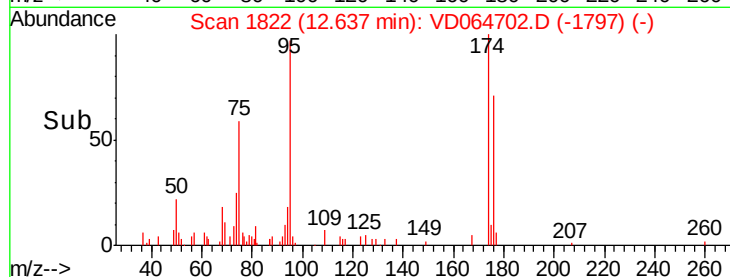
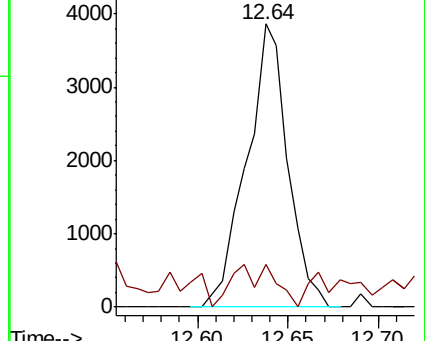
75 100

77 15.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 119.830 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

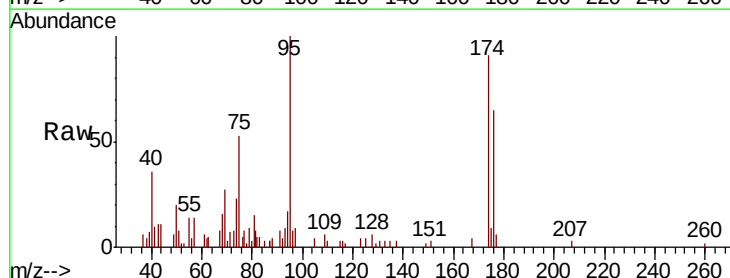
Tgt Ion: 75 Resp: 6083

Ion Ratio Lower Upper

75 100

53 7.2 78.8 118.2#

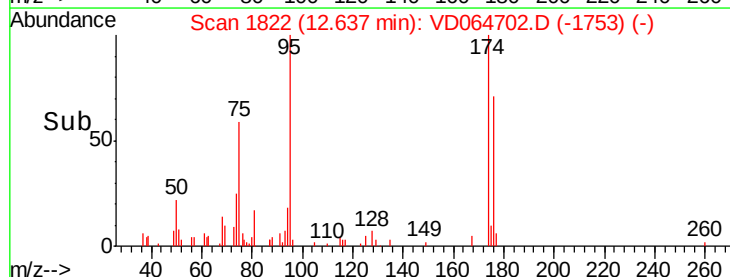
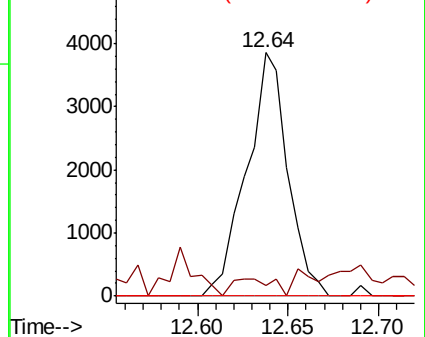
89 0.0 38.3 57.5#

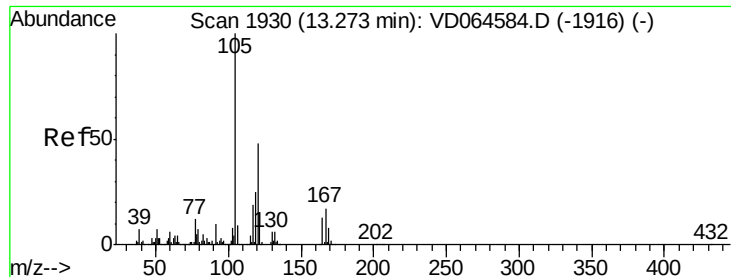


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#84

1,2,4-Trimethylbenzene

Concen: 1.378 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.01 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

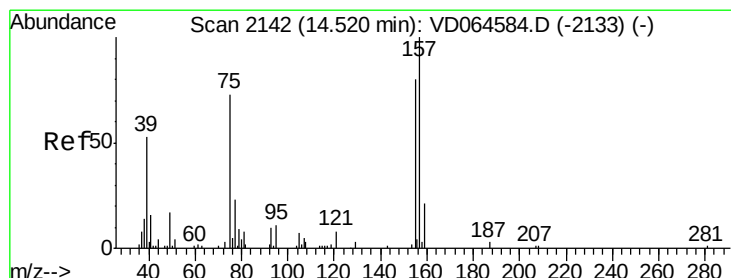
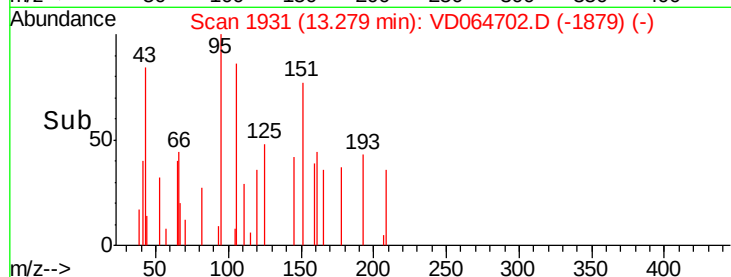
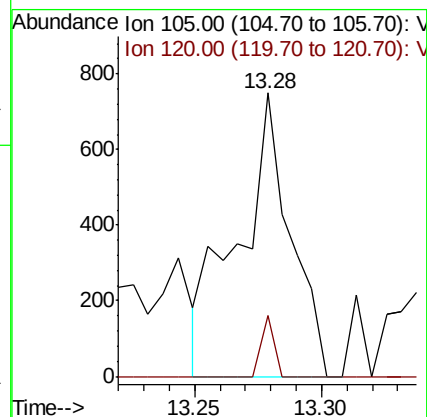
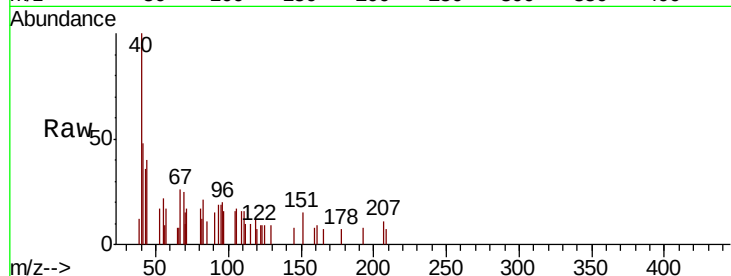
GP-11-(1-3)

Tot Ion:105 Resp: 1083

Ion Ratio Lower Upper

105 100

120 5.3 23.8 71.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.983 ug/l

RT: 14.74 min Scan# 2179

Delta R.T. 0.22 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

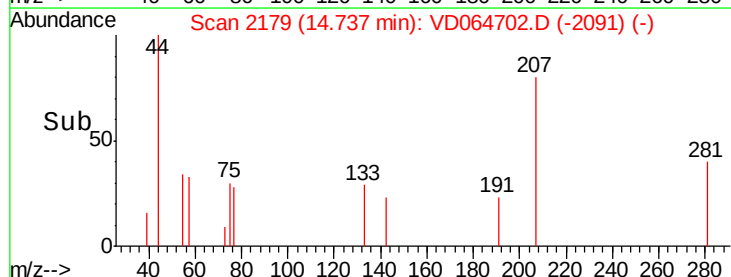
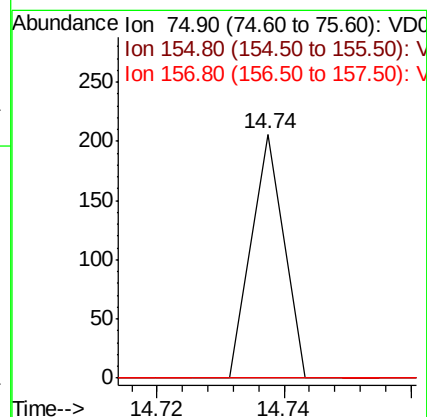
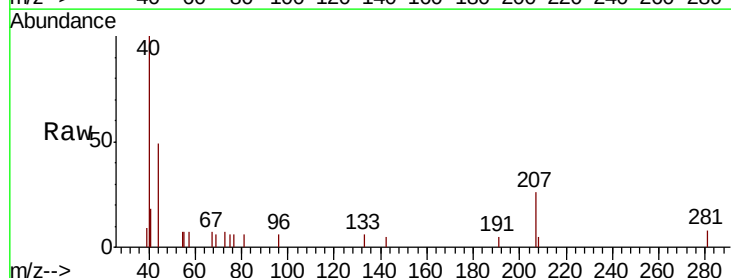
Tgt Ion: 75 Resp: 73

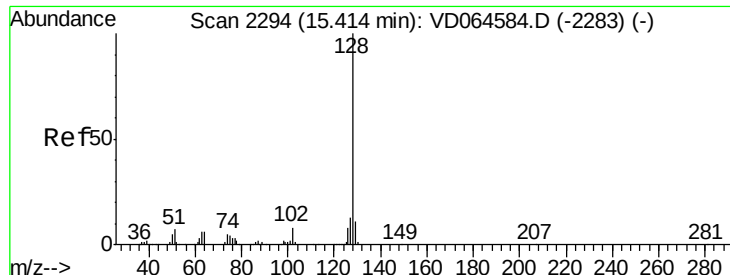
Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.0#

157 0.0 64.1 192.3#





#95

Naphthalene

Concen: 1.854 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD064702.D

Acq: 31 Dec 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

GP-11-(1-3)

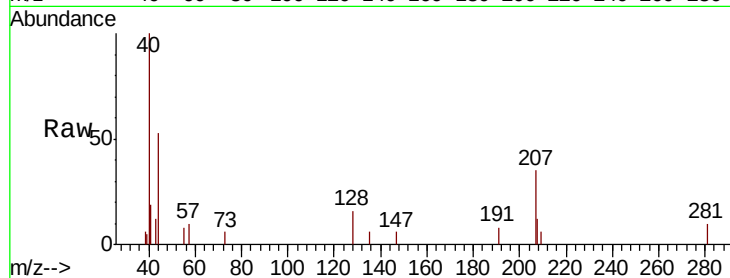
Tot Ion:128 Resp: 829

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

