

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121619\
 Data File : VD064522.D
 Acq On : 16 Dec 2019 14:37
 Operator : VA/SY
 Sample : K6325-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3860

Quant Time: Dec 17 01:53:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	56034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	90204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	92415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	50875	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	32981	65.03	ug/l	0.00
Spiked Amount			Recovery	=	130.06%	
35) Dibromofluoromethane	7.91	113	28853	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
50) Toluene-d8	10.34	98	109934	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.64	95	42658	62.00	ug/l	0.00
Spiked Amount			Recovery	=	124.00%	

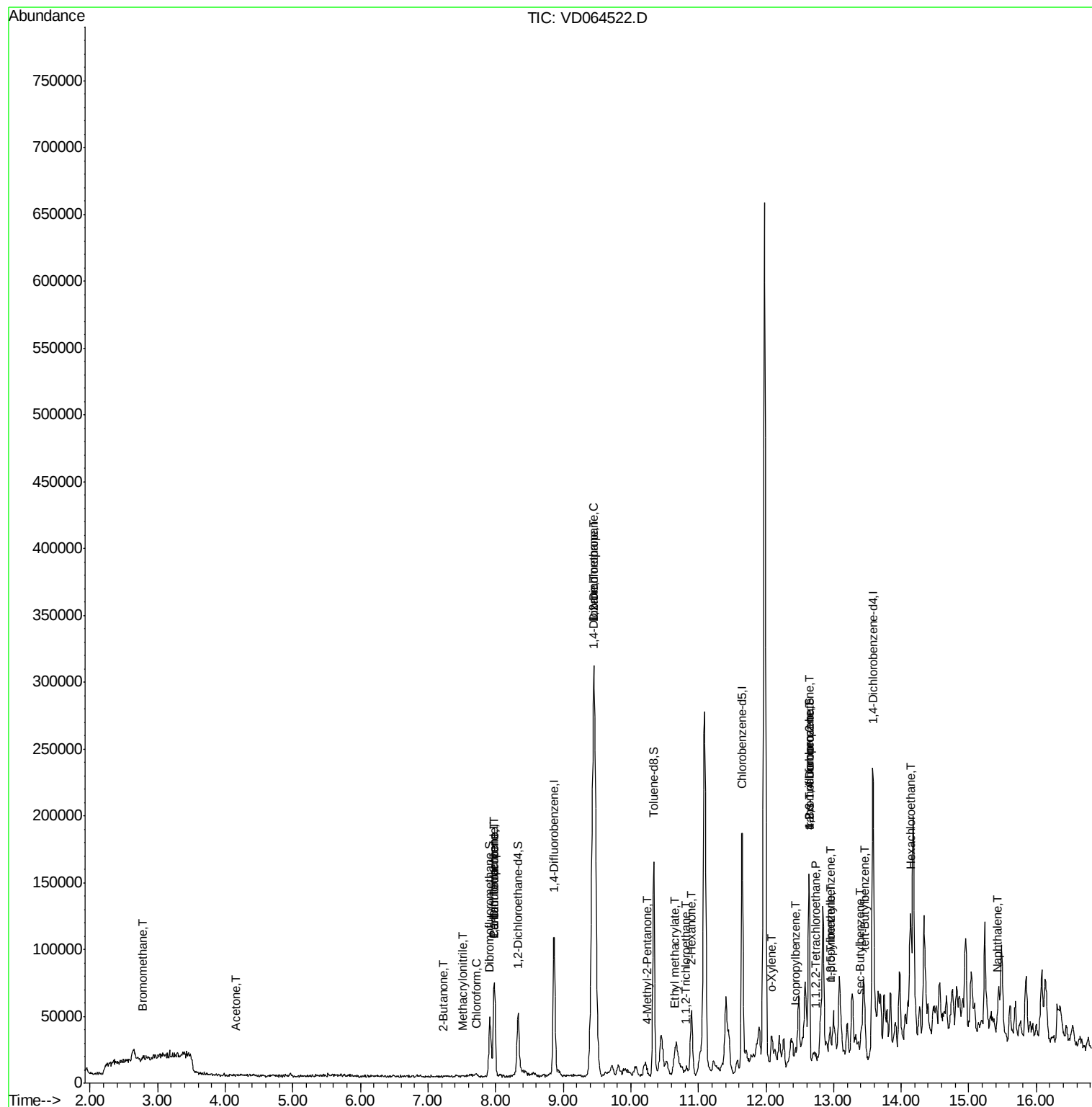
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	1188	2.173	ug/l #	69
16) Acetone	4.16	43	326	3.181	ug/l #	47
20) Methylene Chloride	4.96	84	524	Below Cal	#	28
25) 2-Butanone	7.23	43	265	1.828	ug/l #	49
30) Chloroform	7.72	83	2104	2.171	ug/l #	65
31) Cyclohexane	7.98	56	1470	Below Cal	#	57
36) 1,1-Dichloropropene	7.98	75	4106	4.812	ug/l #	49
38) Carbon Tetrachloride	7.98	117	5650	6.274	ug/l #	11
41) Methacrylonitrile	7.51	41	397	1.912	ug/l #	75
45) 1,2-Dichloropropane	9.45	63	5818	10.266	ug/l #	43
46) Dibromomethane	9.46	93	11753	36.744	ug/l #	1
49) 1,4-Dioxane	9.44	88	7245	1834.244	ug/l #	31
51) 4-Methyl-2-Pentanone	10.24	43	919	2.609	ug/l #	47
55) 1,1,2-Trichloroethane	10.81	97	896	2.046	ug/l #	30
56) Ethyl methacrylate	10.64	69	811	1.452	ug/l #	1
59) 2-Hexanone	10.90	43	22468	91.935	ug/l #	26
69) o-Xylene	12.08	106	1244	1.030	ug/l	53
73) Isopropylbenzene	12.43	105	4987	1.363	ug/l	75
75) 1,1,2,2-Tetrachloroethane	12.74	83	660	1.091	ug/l #	39
76) 1,2,3-Trichloropropane	12.64	75	22188	53.033	ug/l #	100
78) n-propylbenzene	12.95	91	4864	1.152	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	4412	1.476	ug/l	66
81) trans-1,4-Dichloro-2-buten	12.64	75	22188	115.640	ug/l #	9
83) tert-Butylbenzene	13.46	119	10131	3.897	ug/l	71
85) sec-Butylbenzene	13.39	105	4310	1.208	ug/l	81
90) Hexachloroethane	14.14	117	31957	50.725	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.48	75	147	Below Cal	#	1
95) Naphthalene	15.41	128	2903	1.550	ug/l #	71

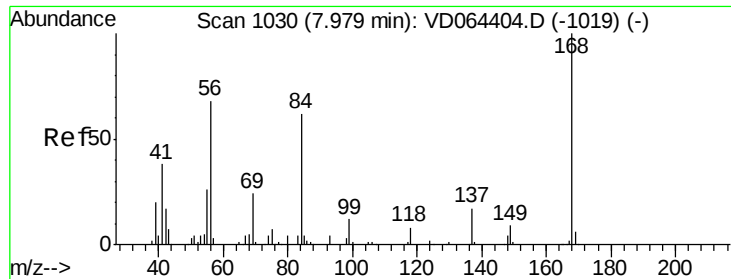
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD064522.D

Acq: 16 Dec 2019 14:37

Instrument :

MSVOA_D

ClientSampleId :

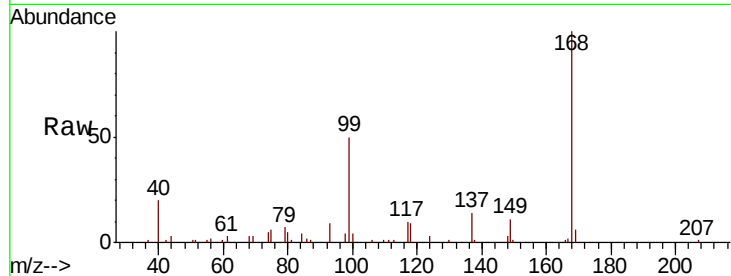
RT-3860

Tgt Ion:168 Resp: 56034

Ion Ratio Lower Upper

168 100

99 50.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

25000

20000

15000

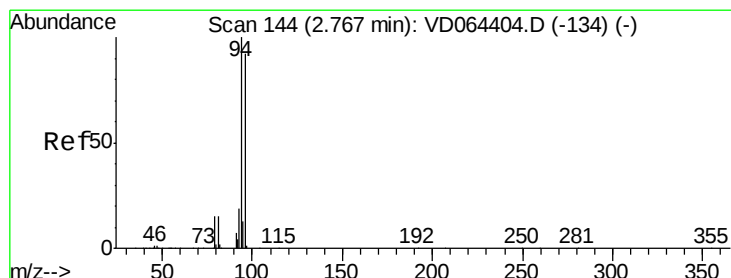
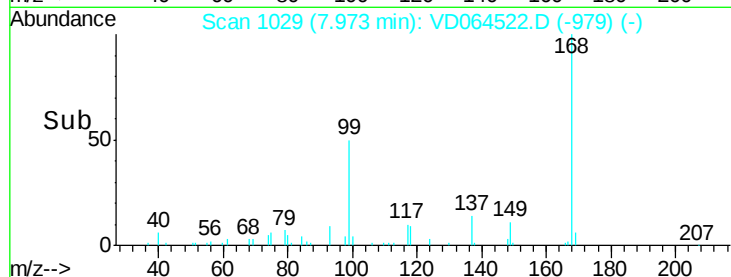
10000

5000

0

Time-->

7.90 7.95 8.00 8.05



#5

Bromomethane

Concen: 2.173 ug/l

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD064522.D

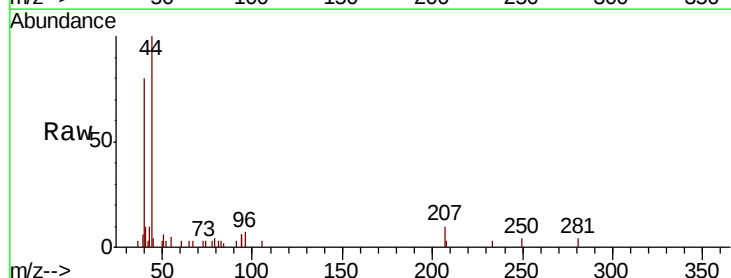
Acq: 16 Dec 2019 14:37

Tgt Ion: 94 Resp: 1188

Ion Ratio Lower Upper

94 100

96 62.3 73.6 110.4#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.78

800

600

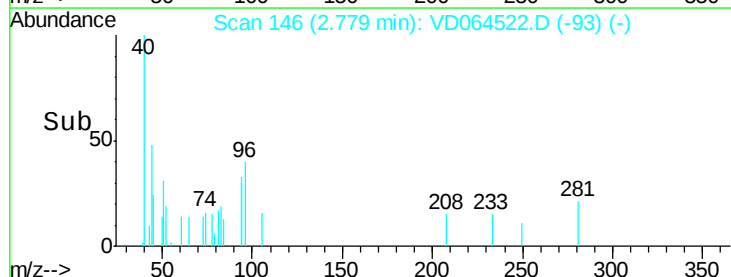
400

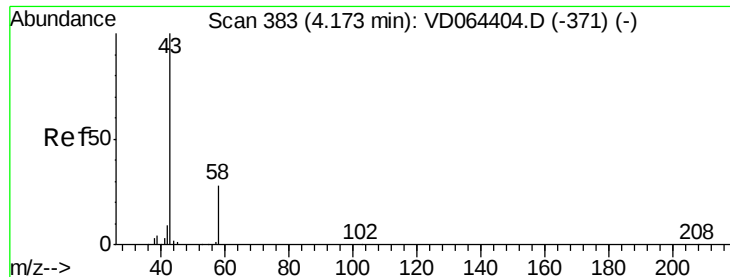
200

0

Time-->

2.70 2.75 2.80 2.85





#16

Acetone

Concen: 3.181 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064522.D

Acq: 16 Dec 2019 14:37

Instrument :

MSVOA_D

ClientSampleId :

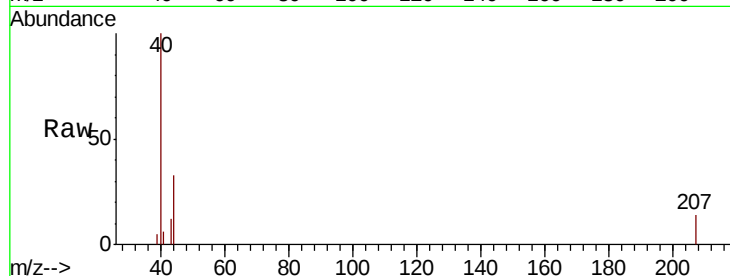
RT-3860

Tgt Ion: 43 Resp: 326

Ion Ratio Lower Upper

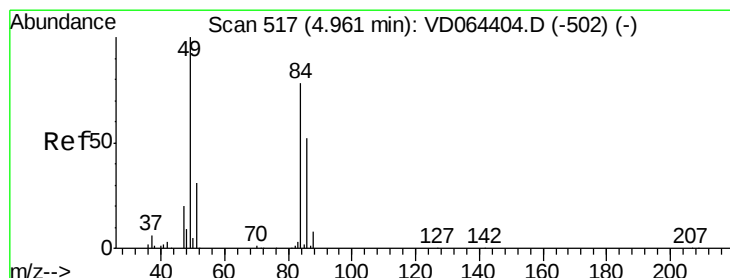
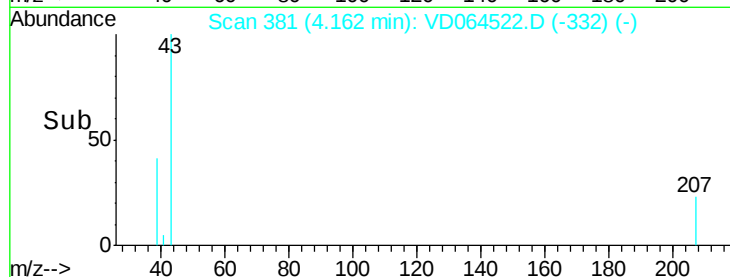
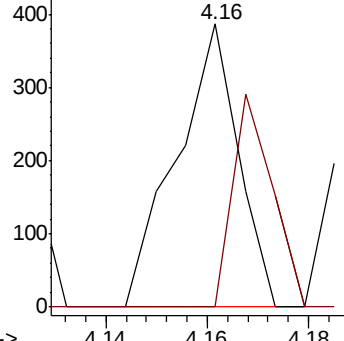
43 100

58 0.0 22.6 33.8#



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: VD064522.D

Acq: 16 Dec 2019 14:37

Tgt Ion: 84 Resp: 524

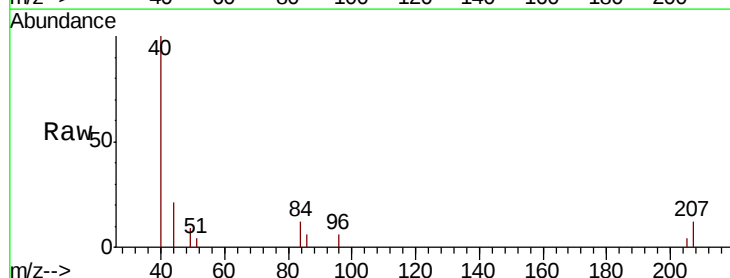
Ion Ratio Lower Upper

84 100

49 27.1 102.6 153.8#

51 33.1 32.0 48.0

86 3.3 53.4 80.0#

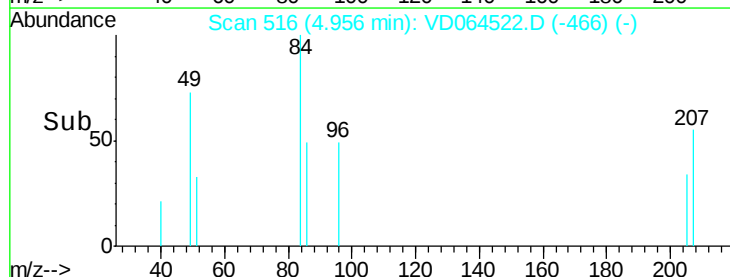
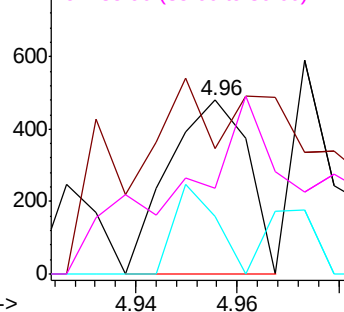


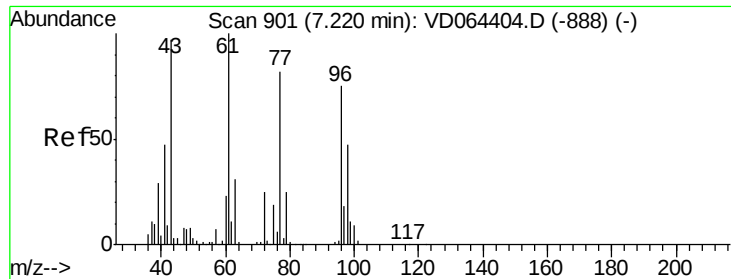
Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 1.828 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD064522.D

Acq: 16 Dec 2019 14:37

Instrument :

MSVOA_D

ClientSampleId :

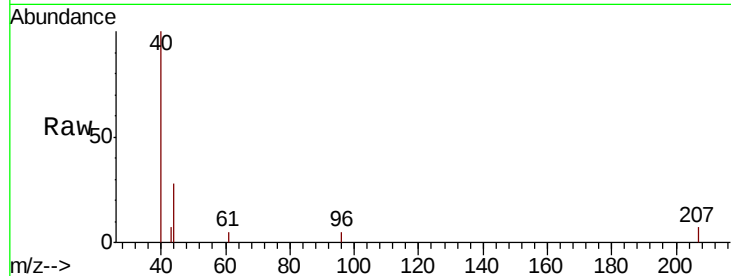
RT-3860

Tgt Ion: 43 Resp: 265

Ion Ratio Lower Upper

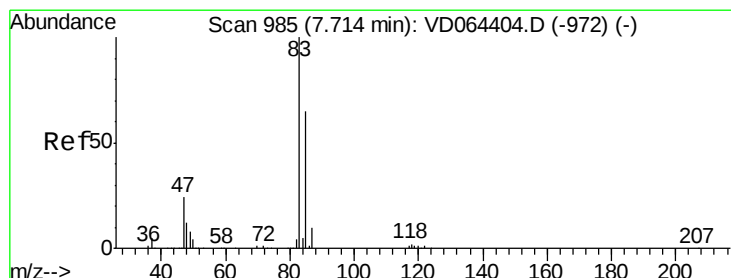
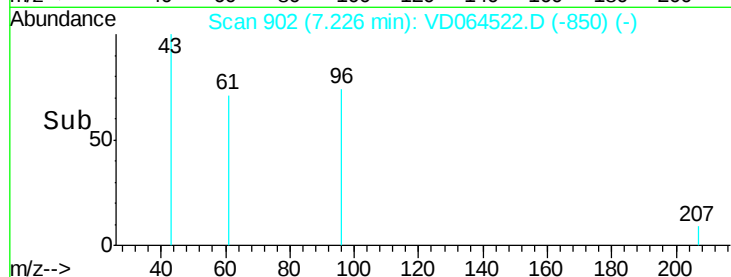
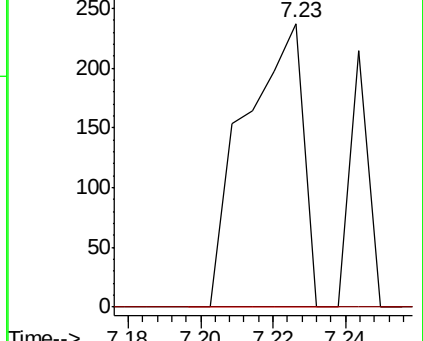
43 100

72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#30

Chloroform

Concen: 2.171 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD064522.D

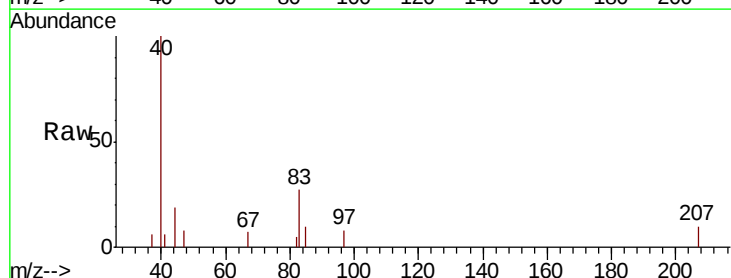
Acq: 16 Dec 2019 14:37

Tgt Ion: 83 Resp: 2104

Ion Ratio Lower Upper

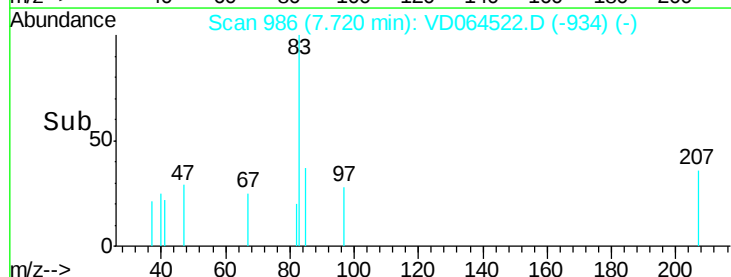
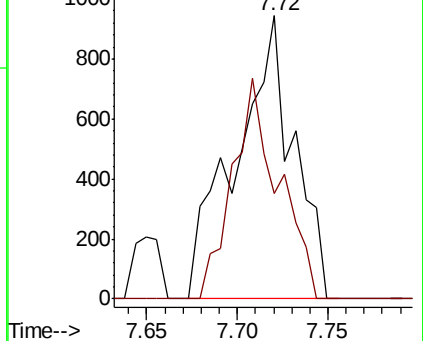
83 100

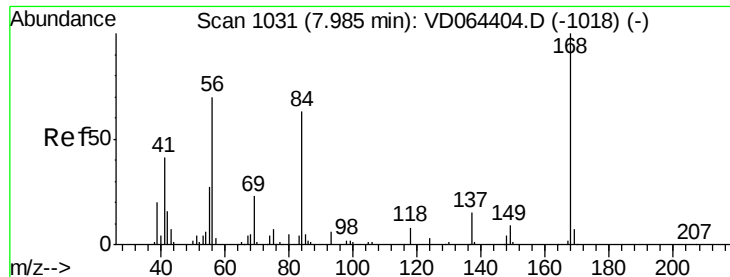
85 37.2 51.8 77.6#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

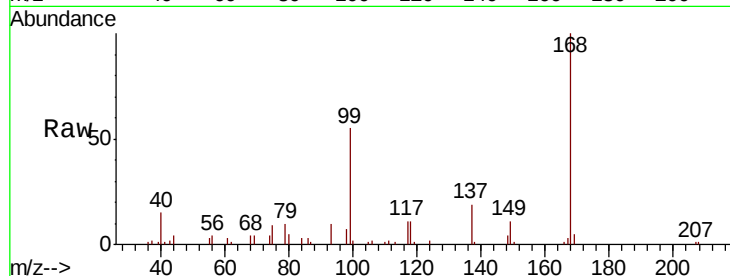




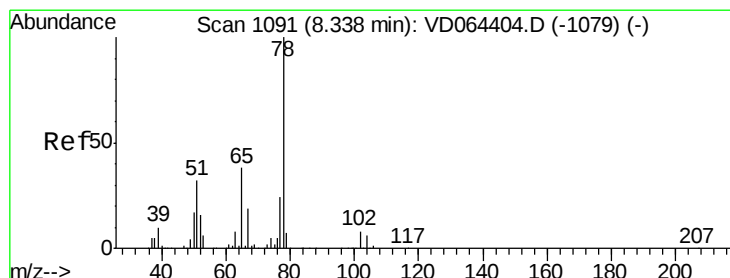
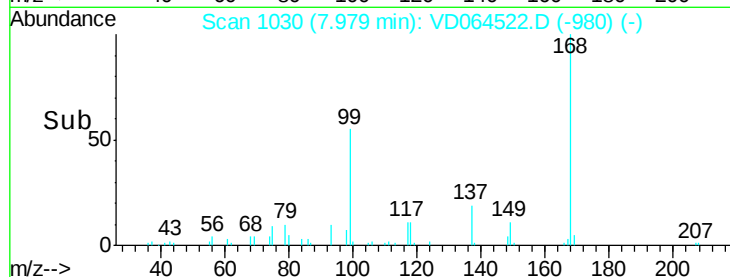
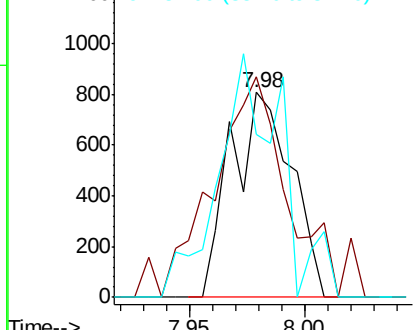
#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD064522.D
Acq: 16 Dec 2019 14:37

Instrument :
MSVOA_D
ClientSampleId :
RT-3860

Tgt Ion: 56 Resp: 1470
Ion Ratio Lower Upper
56 100
69 107.8 26.2 39.4#
84 79.7 70.3 105.5

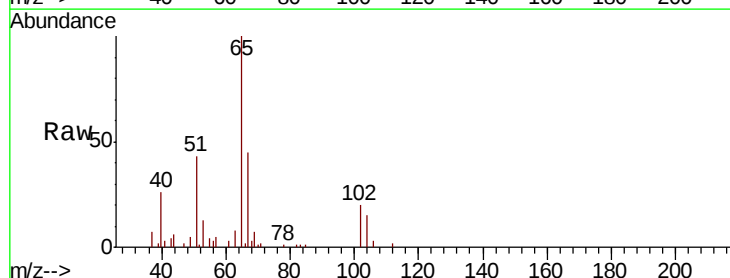


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

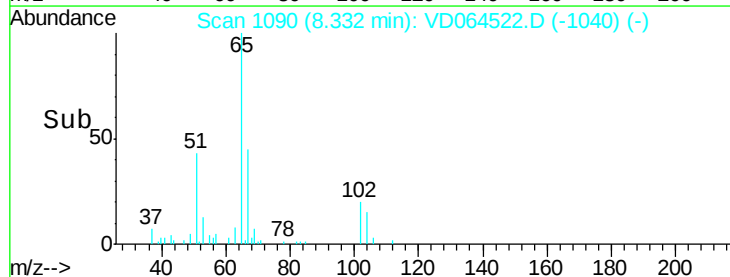
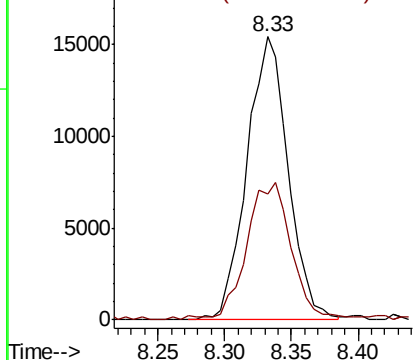


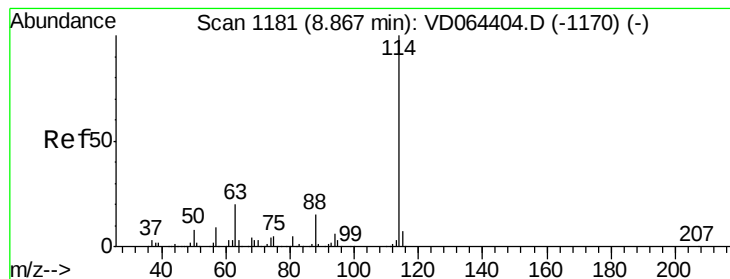
#33
1,2-Dichloroethane-d4
Concen: 65.027 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064522.D
Acq: 16 Dec 2019 14:37

Tgt Ion: 65 Resp: 32981
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.0



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: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD064522.D

Acq: 16 Dec 2019 14:37

Instrument :

MSVOA_D

ClientSampleId :

RT-3860

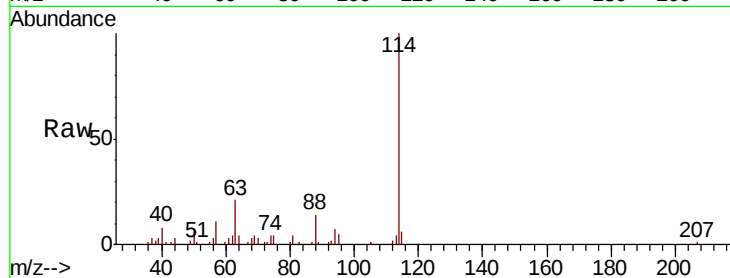
Tgt Ion:114 Resp: 90204

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

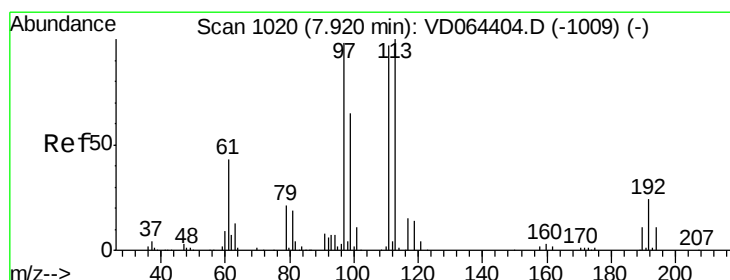
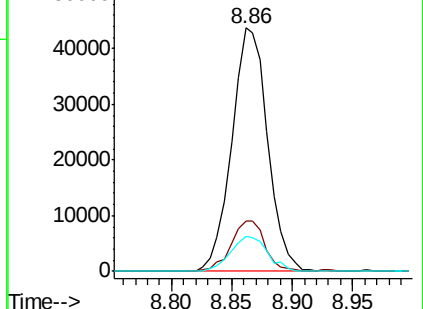
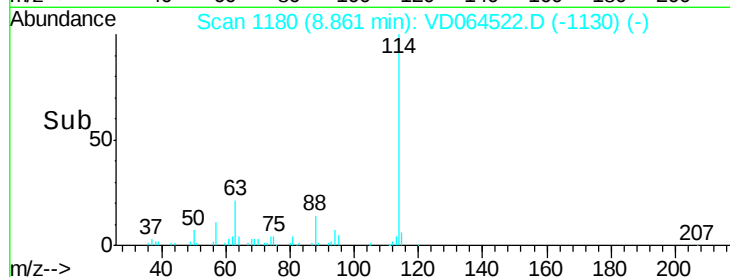
88 14.5 0.0 29.2



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: 50.768 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064522.D

Acq: 16 Dec 2019 14:37

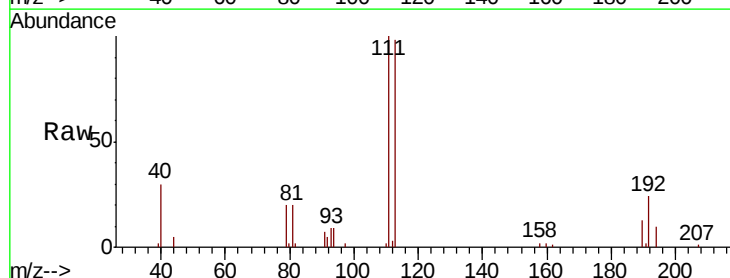
Tgt Ion:113 Resp: 28853

Ion Ratio Lower Upper

113 100

111 103.8 79.4 119.2

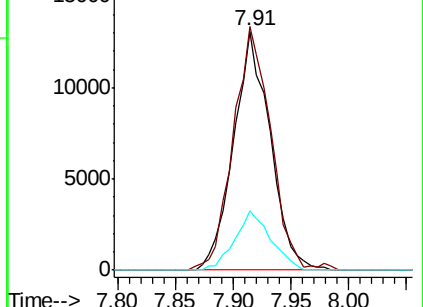
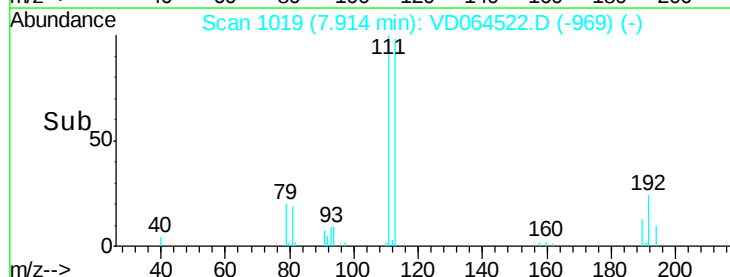
192 24.3 18.6 28.0

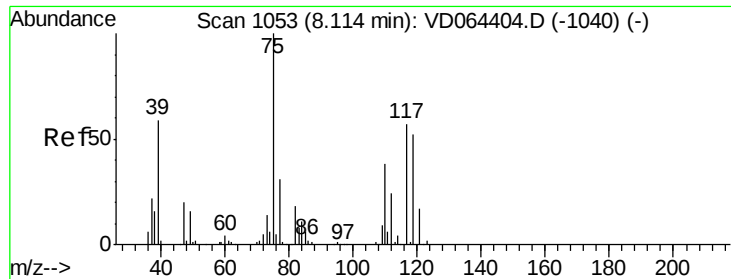


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.812 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064522.D

Acq: 16 Dec 2019 14:37

Instrument :

MSVOA_D

ClientSampled :

RT-3860

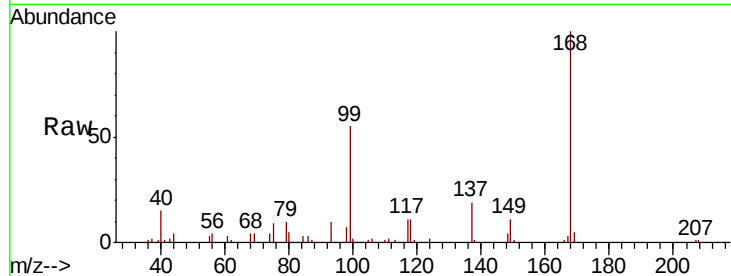
Tgt Ion: 75 Resp: 4106

Ion Ratio Lower Upper

75 100

110 9.4 18.6 55.8#

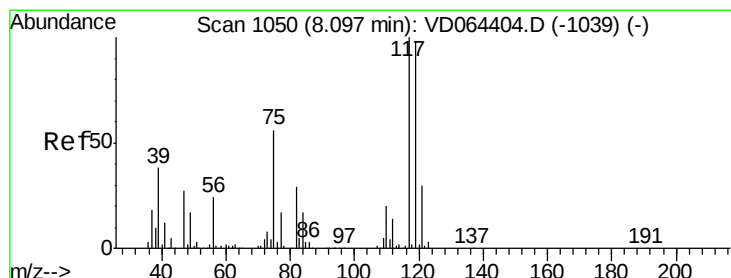
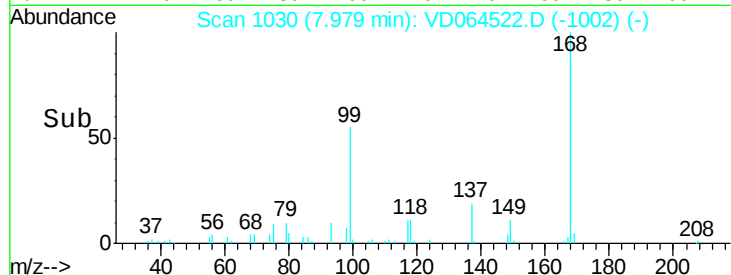
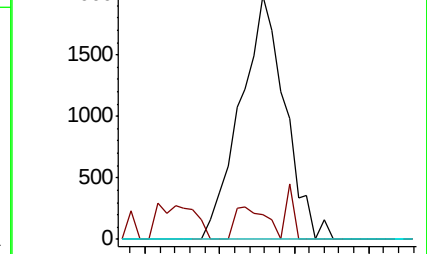
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 6.274 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064522.D

Acq: 16 Dec 2019 14:37

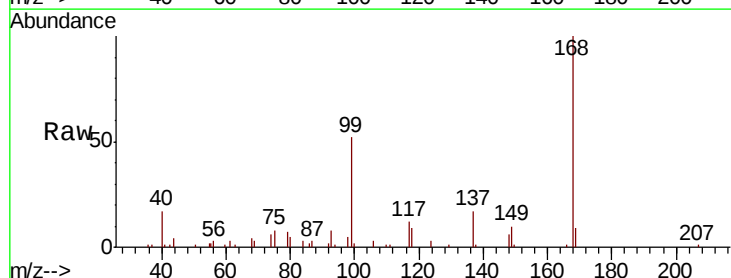
Tgt Ion: 117 Resp: 5650

Ion Ratio Lower Upper

117 100

119 0.0 78.8 118.2#

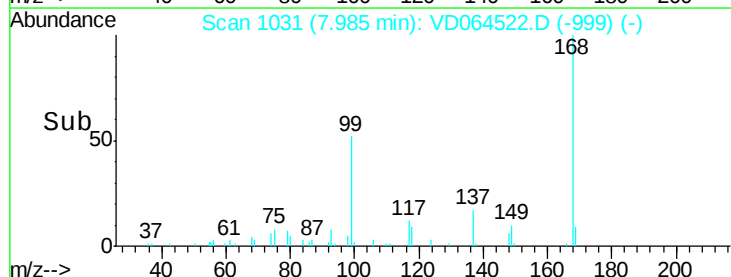
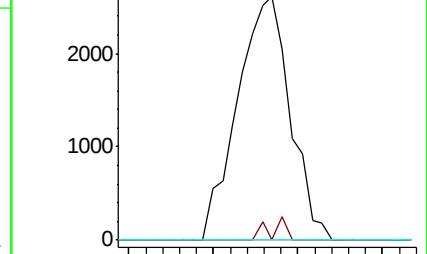
121 0.0 24.2 36.2#

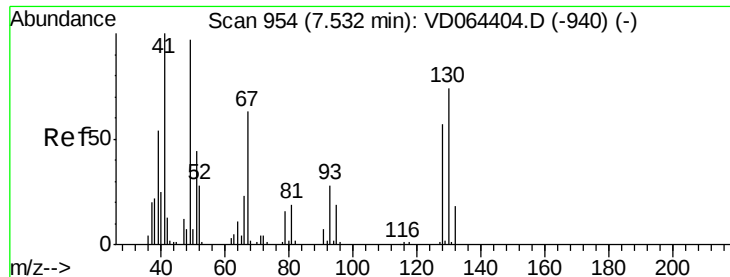


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

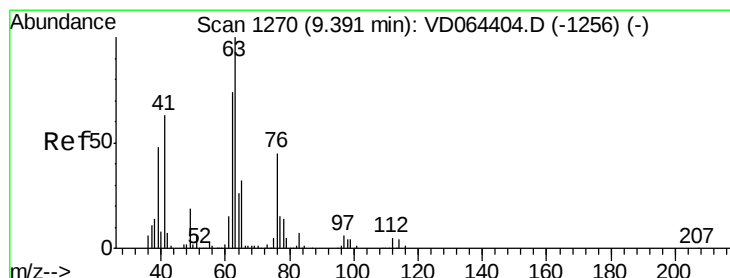
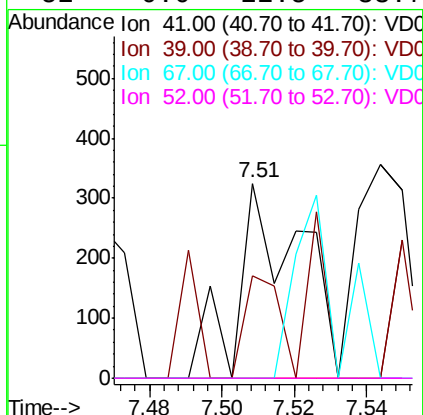
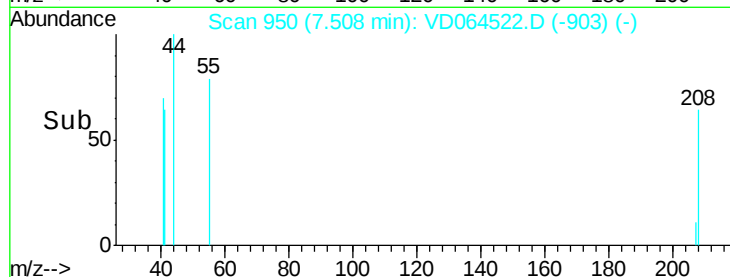
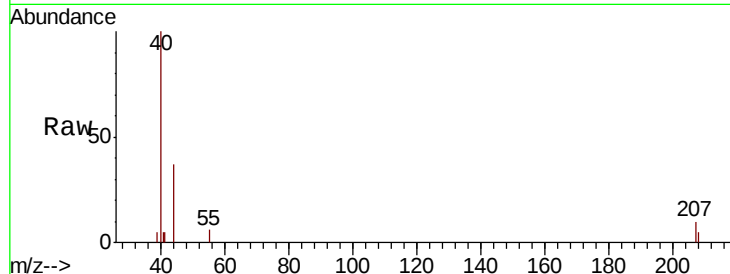




#41
Methacrylonitrile
Concen: 1.912 ug/l
RT: 7.51 min Scan# 950
Delta R.T. -0.02 min
Lab File: VD064522.D
Acq: 16 Dec 2019 14:37

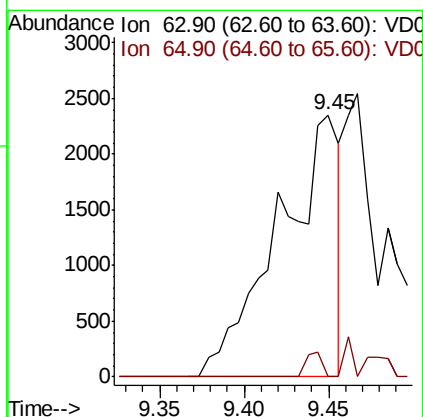
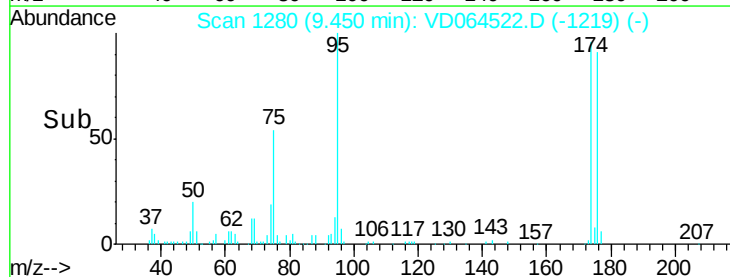
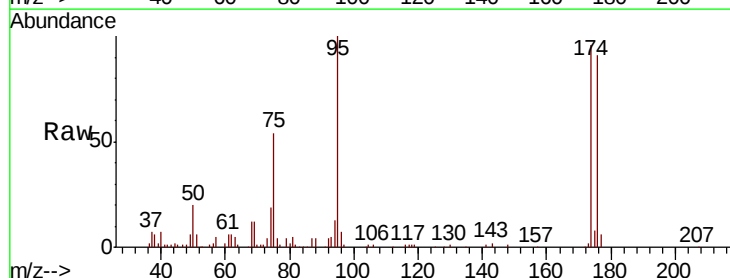
Instrument :
MSVOA_D
ClientSampled :
RT-3860

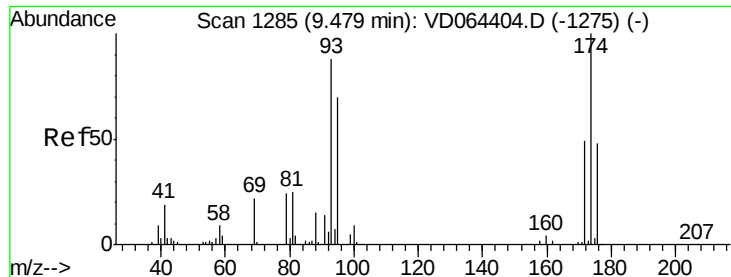
Tgt Ion: 41 Resp: 397
Ion Ratio Lower Upper
41 100
39 28.7 44.6 67.0#
67 62.7 50.9 76.3
52 0.0 22.5 33.7#



#45
1,2-Dichloropropane
Concen: 10.266 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. 0.06 min
Lab File: VD064522.D
Acq: 16 Dec 2019 14:37

Tgt Ion: 63 Resp: 5818
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.0#





#46

Dibromomethane

Concen: 36.744 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.02 min

Lab File: VD064522.D

Acq: 16 Dec 2019 14:37

Instrument :

MSVOA_D

ClientSampleId :

RT-3860

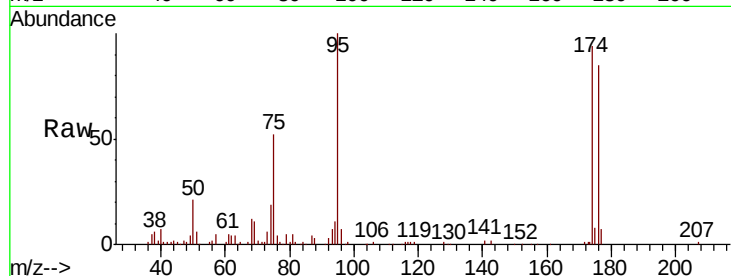
Tgt Ion: 93 Resp: 11753

Ion Ratio Lower Upper

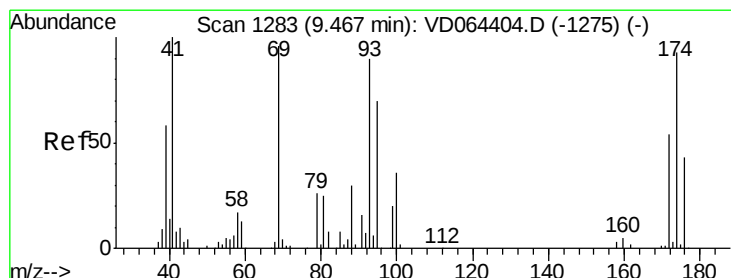
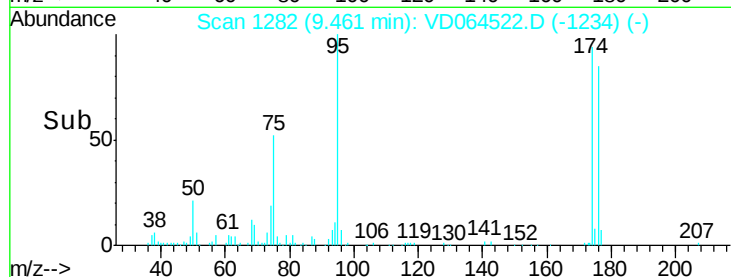
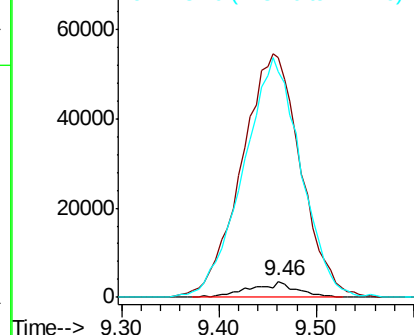
93 100

95 1972.6 66.7 100.1#

174 1879.9 92.3 138.5#



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): VDC



#49

1,4-Dioxane

Concen: 1834.244 ug/l

RT: 9.44 min Scan# 1279

Delta R.T. -0.02 min

Lab File: VD064522.D

Acq: 16 Dec 2019 14:37

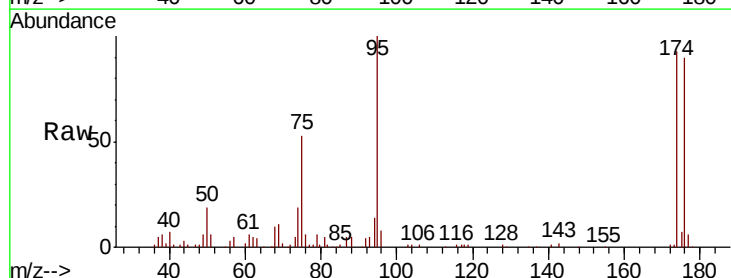
Tgt Ion: 88 Resp: 7245

Ion Ratio Lower Upper

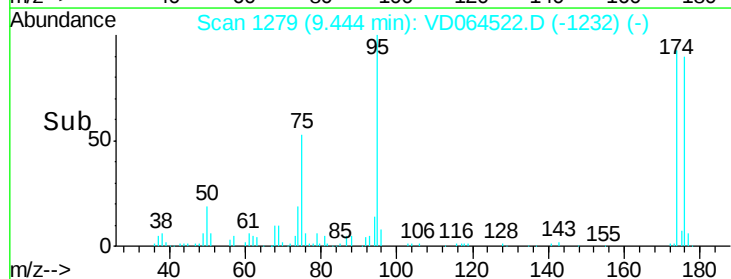
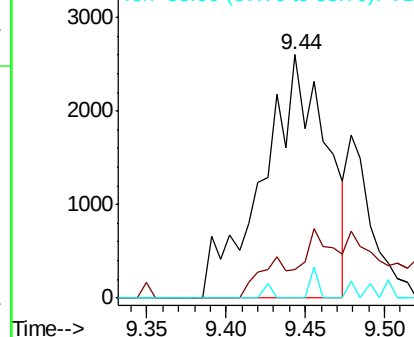
88 100

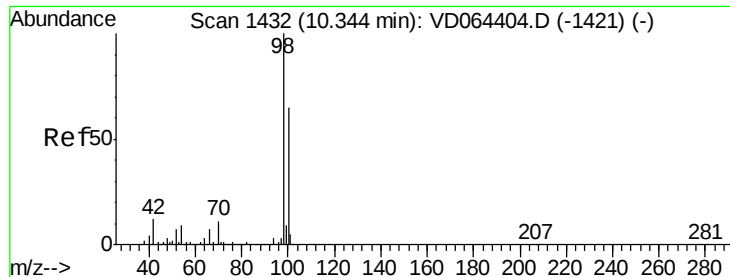
43 7.0 26.7 40.1#

58 1.6 52.3 78.5#



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

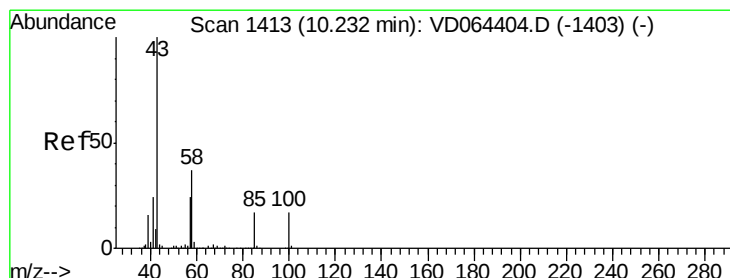
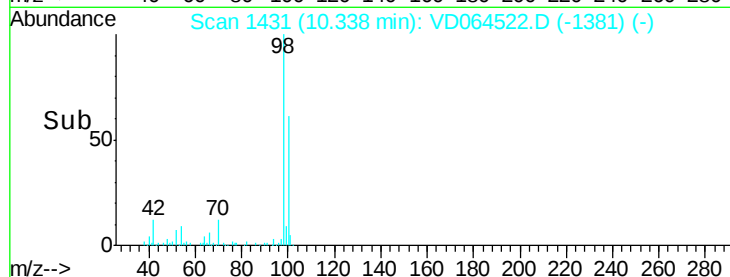
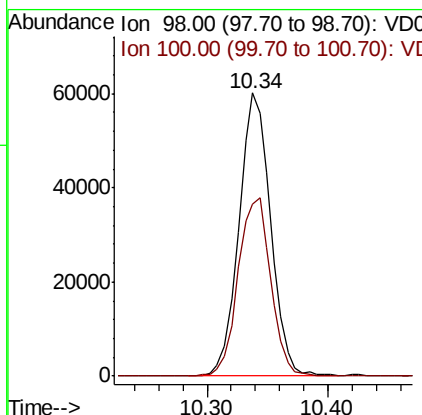
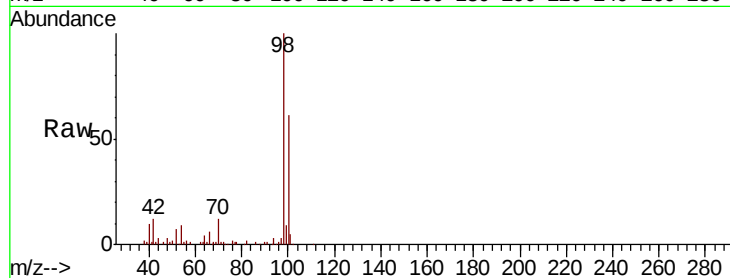




#50
Toluene-d8
Concen: 51.351 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064522.D
Acq: 16 Dec 2019 14:37

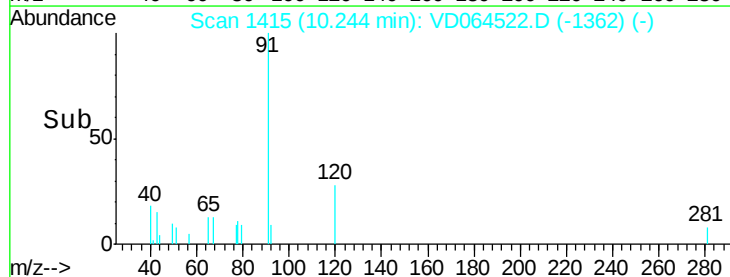
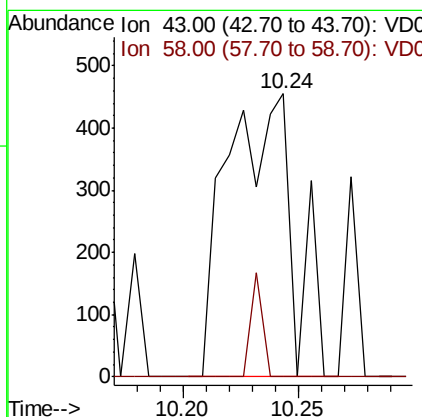
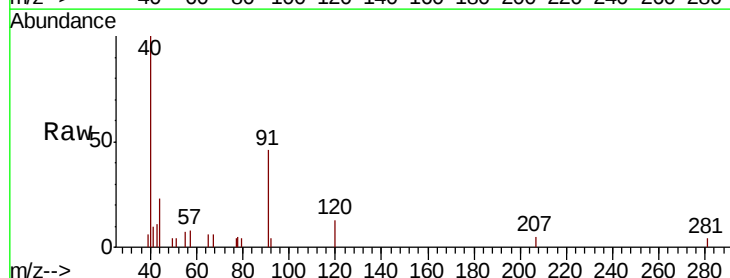
Instrument :
MSVOA_D
ClientSampleId :
RT-3860

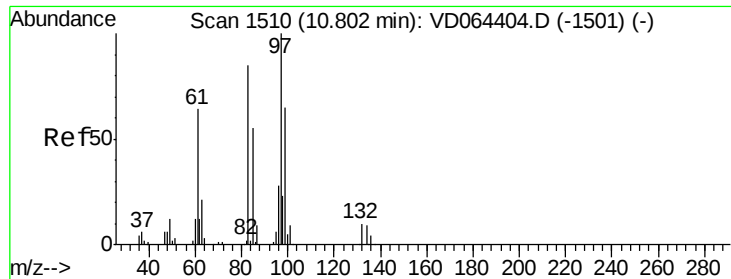
Tgt Ion: 98 Resp: 109934
Ion Ratio Lower Upper
98 100
100 65.0 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 2.609 ug/l
RT: 10.24 min Scan# 1415
Delta R.T. 0.01 min
Lab File: VD064522.D
Acq: 16 Dec 2019 14:37

Tgt Ion: 43 Resp: 919
Ion Ratio Lower Upper
43 100
58 6.4 30.6 46.0#

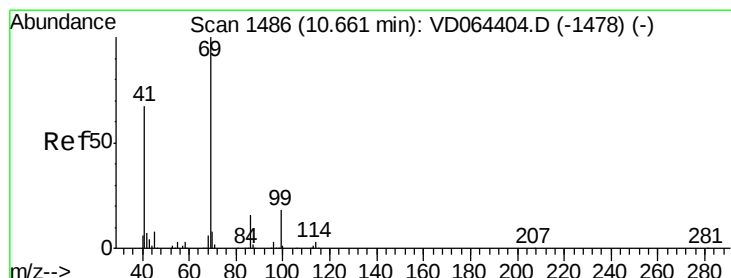
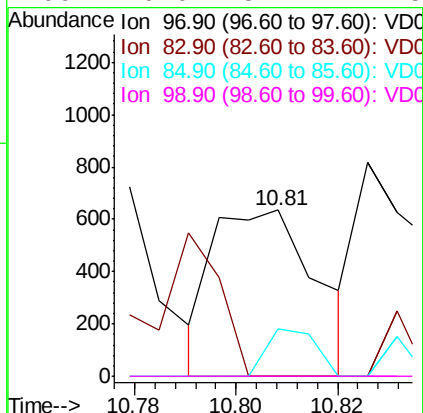
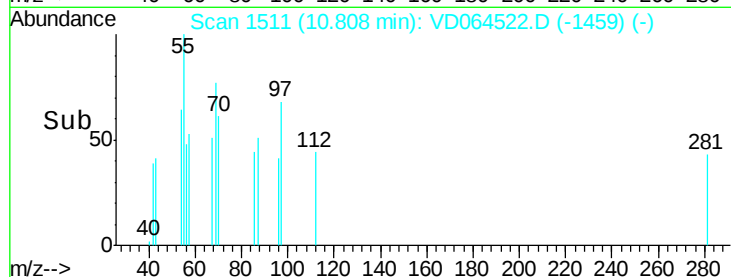
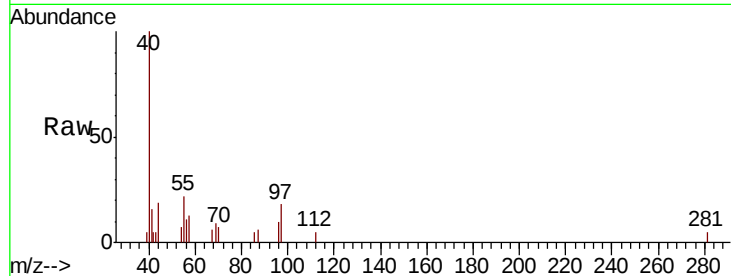




#55
1,1,2-Trichloroethane
Concen: 2.046 ug/l
RT: 10.81 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VD064522.D
Acq: 16 Dec 2019 14:37

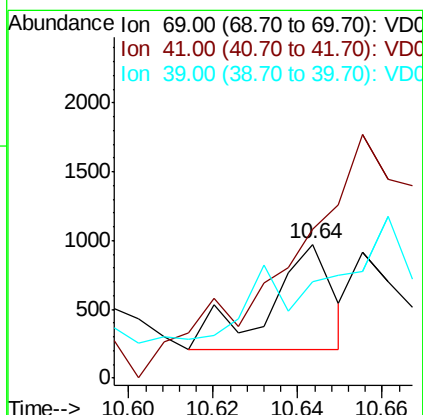
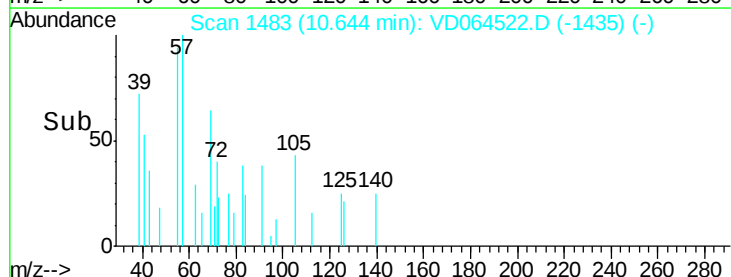
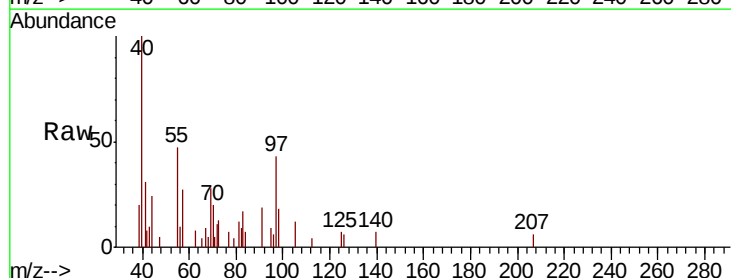
Instrument :
MSVOA_D
ClientSampleId :
RT-3860

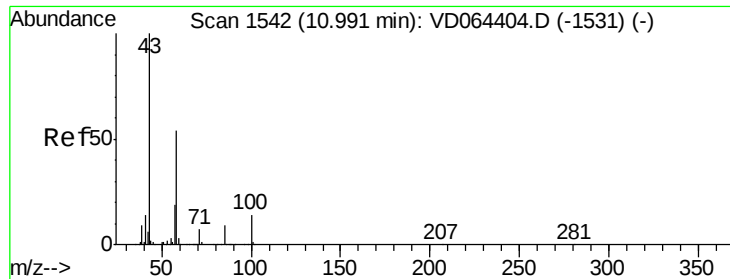
Tgt Ion: 97 Resp: 896
Ion Ratio Lower Upper
97 100
83 0.0 67.8 101.8#
85 41.3 43.7 65.5#
99 0.0 51.7 77.5#



#56
Ethyl methacrylate
Concen: 1.452 ug/l
RT: 10.64 min Scan# 1483
Delta R.T. -0.02 min
Lab File: VD064522.D
Acq: 16 Dec 2019 14:37

Tgt Ion: 69 Resp: 811
Ion Ratio Lower Upper
69 100
41 583.1 55.0 82.4#
39 271.4 33.0 49.6#

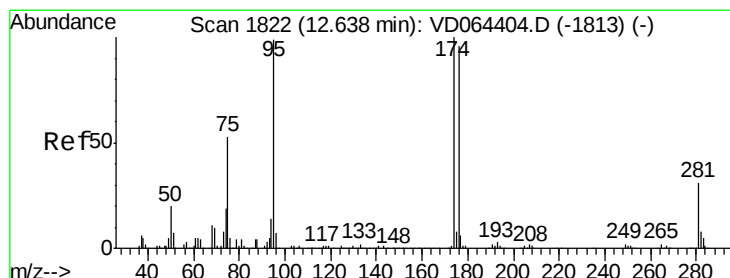
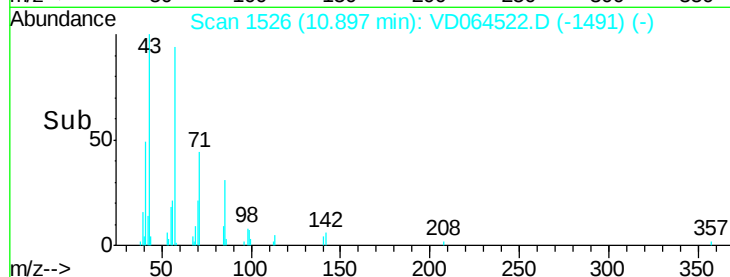
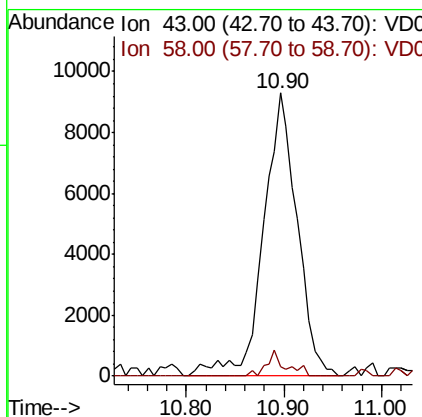
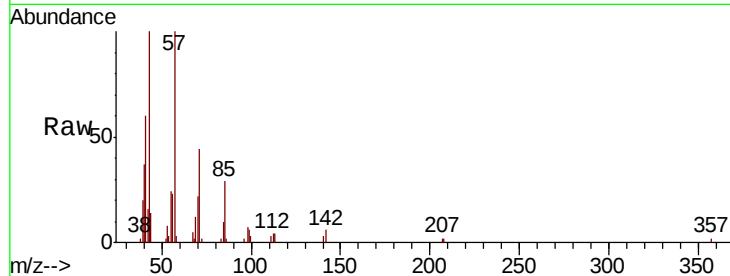




#59
2-Hexanone
Concen: 91.935 ug/l
RT: 10.90 min Scan# 1526
Delta R.T. -0.09 min
Lab File: VD064522.D
Acq: 16 Dec 2019 14:37

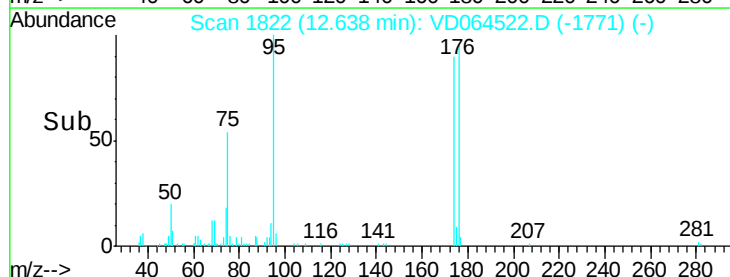
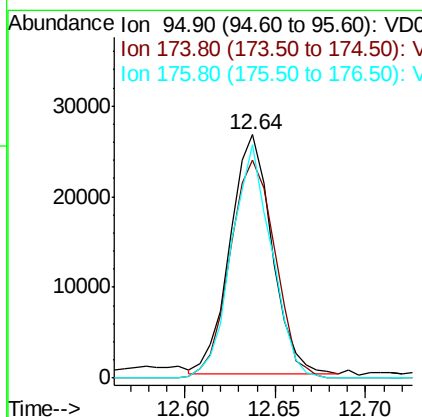
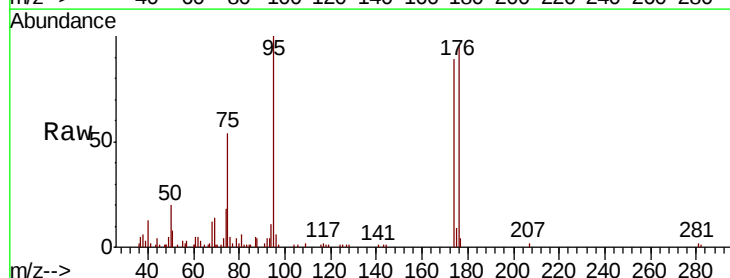
Instrument :
MSVOA_D
ClientSampleId :
RT-3860

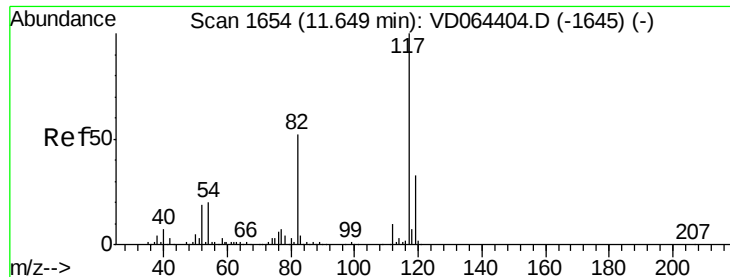
Tgt Ion: 43 Resp: 22468
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.8#



#62
4-Bromofluorobenzene
Concen: 62.002 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064522.D
Acq: 16 Dec 2019 14:37

Tgt Ion: 95 Resp: 42658
Ion Ratio Lower Upper
95 100
174 97.5 0.0 197.2
176 92.8 0.0 189.6

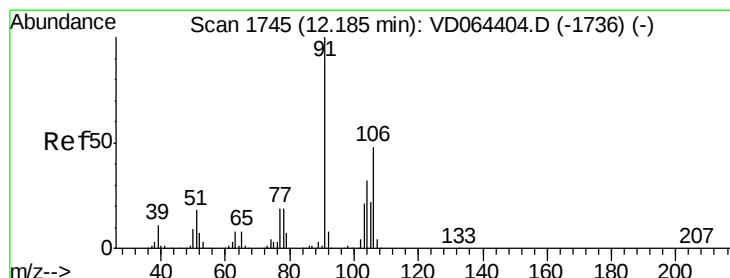
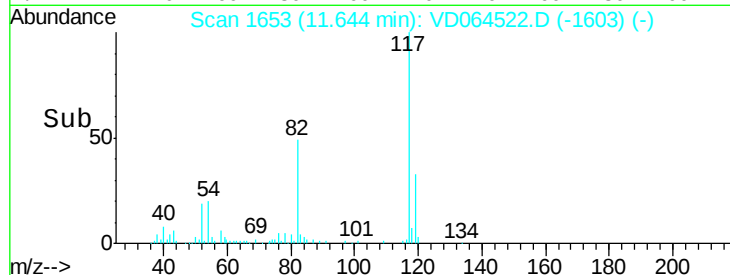
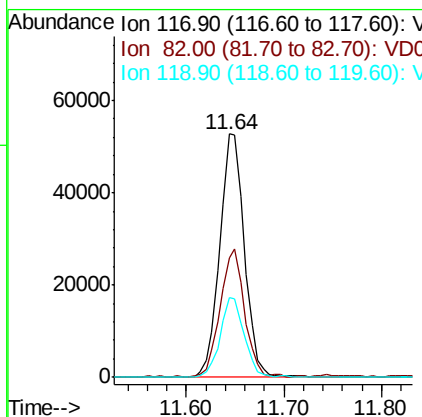
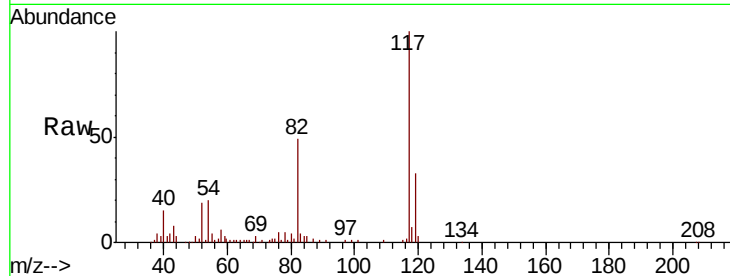




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064522.D
Acq: 16 Dec 2019 14:37

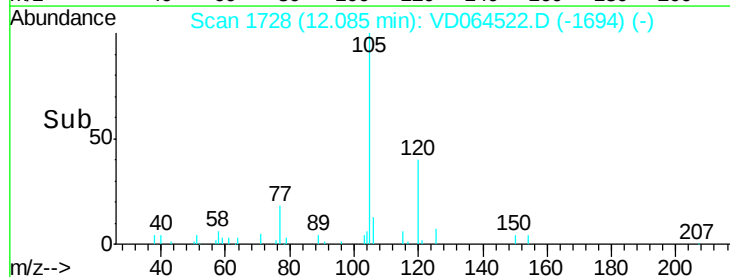
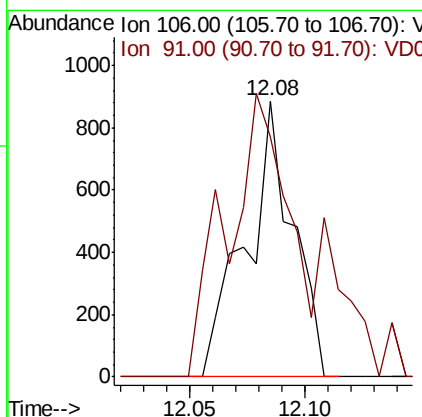
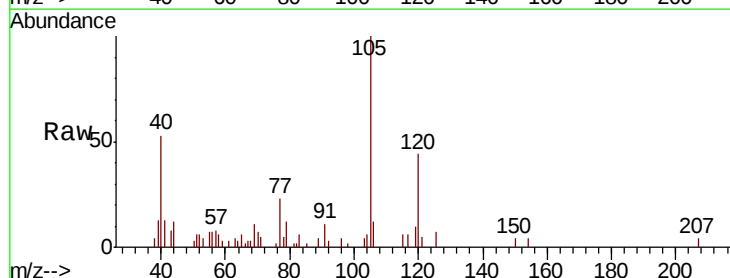
Instrument :
MSVOA_D
ClientSampleId :
RT-3860

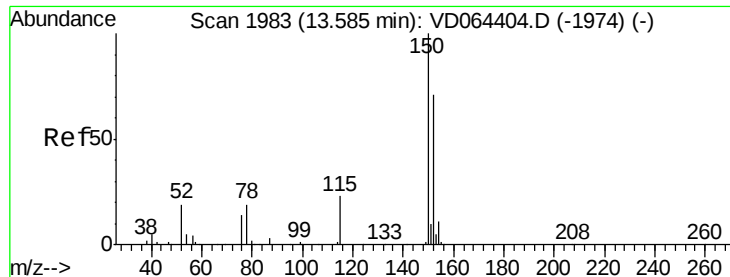
Tgt Ion:117 Resp: 92415
Ion Ratio Lower Upper
117 100
82 49.0 41.4 62.2
119 32.8 26.2 39.2



#69
o-Xylene
Concen: 1.030 ug/l
RT: 12.08 min Scan# 1728
Delta R.T. -0.10 min
Lab File: VD064522.D
Acq: 16 Dec 2019 14:37

Tgt Ion:106 Resp: 1244
Ion Ratio Lower Upper
106 100
91 135.4 103.8 311.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD064522.D

Acq: 16 Dec 2019 14:37

Instrument :

MSVOA_D

ClientSampleId :

RT-3860

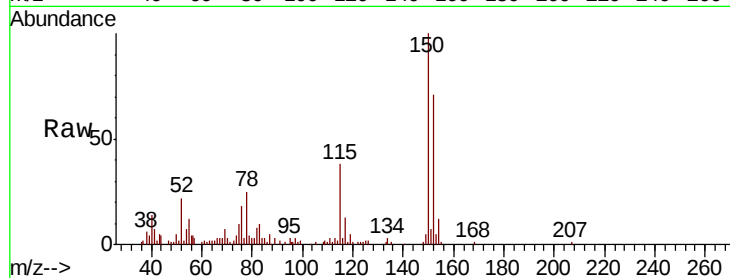
Tgt Ion:152 Resp: 50875

Ion Ratio Lower Upper

152 100

115 56.6 26.7 80.1

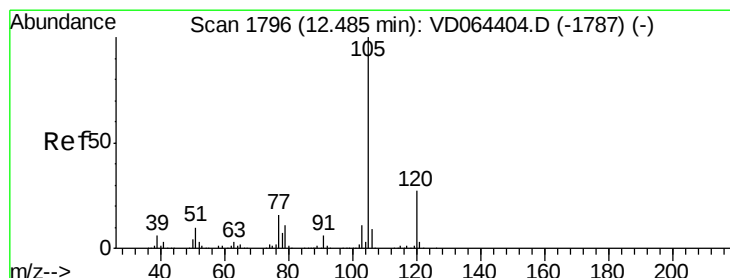
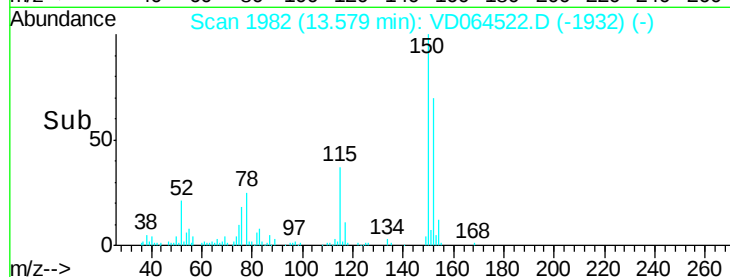
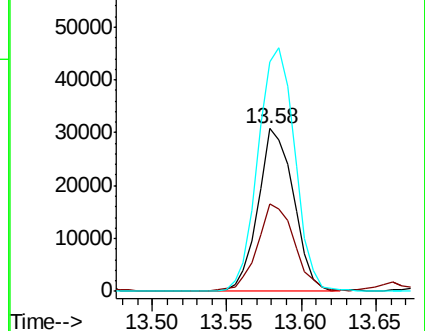
150 154.2 0.0 347.2



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



#73

Isopropylbenzene

Concen: 1.363 ug/l

RT: 12.43 min Scan# 1786

Delta R.T. -0.06 min

Lab File: VD064522.D

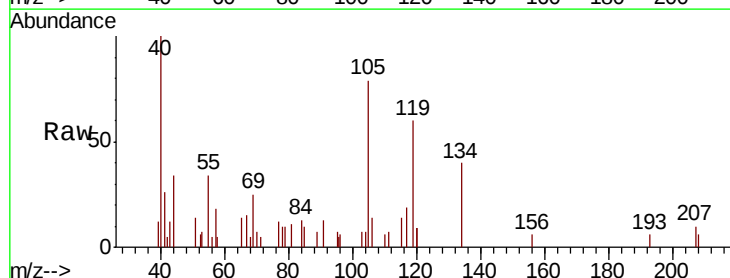
Acq: 16 Dec 2019 14:37

Tgt Ion:105 Resp: 4987

Ion Ratio Lower Upper

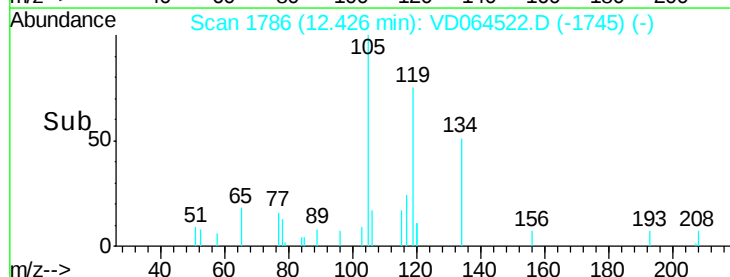
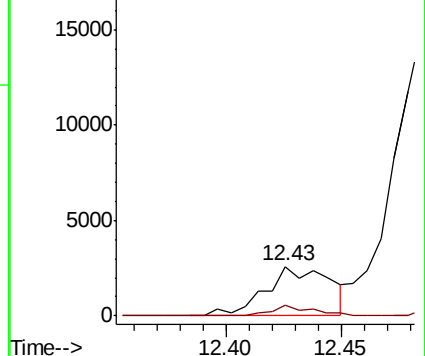
105 100

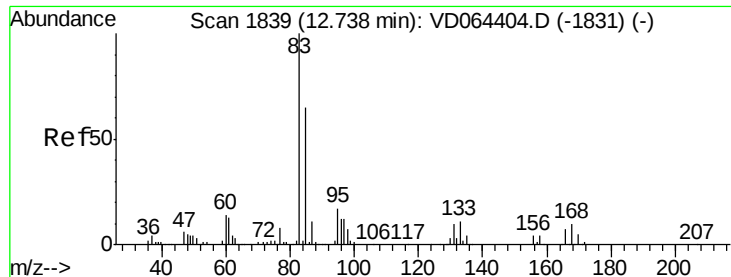
120 13.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 1.091 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064522.D

Acq: 16 Dec 2019 14:37

Instrument :

MSVOA_D

ClientSampled :

RT-3860

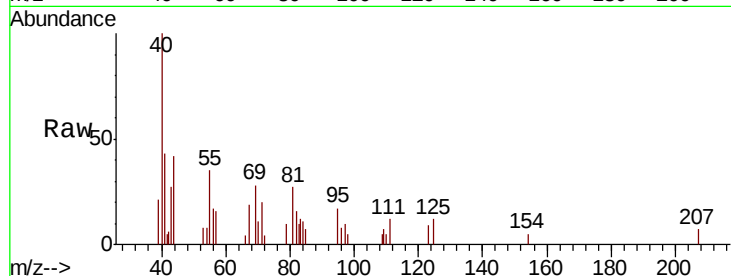
Tgt Ion: 83 Resp: 660

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.0#

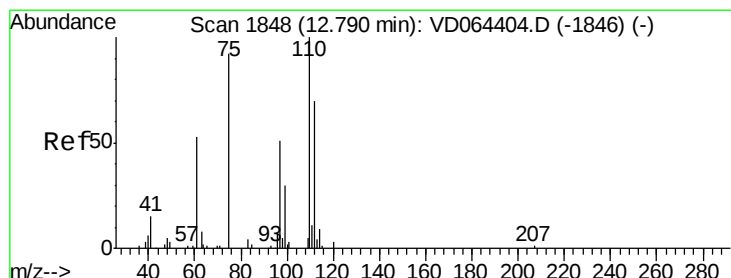
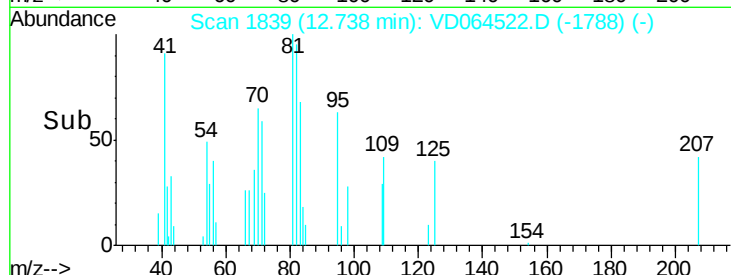
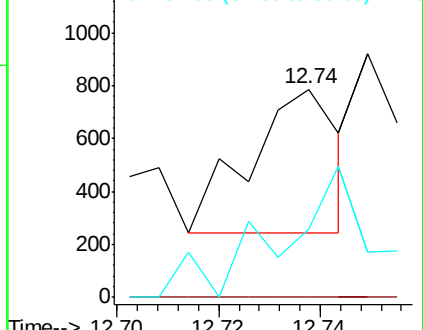
85 114.4 31.3 93.9#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 53.033 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064522.D

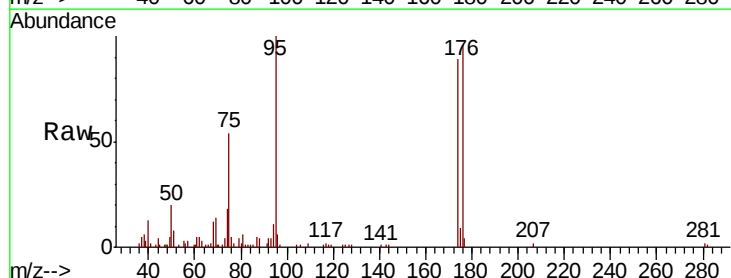
Acq: 16 Dec 2019 14:37

Tgt Ion: 75 Resp: 22188

Ion Ratio Lower Upper

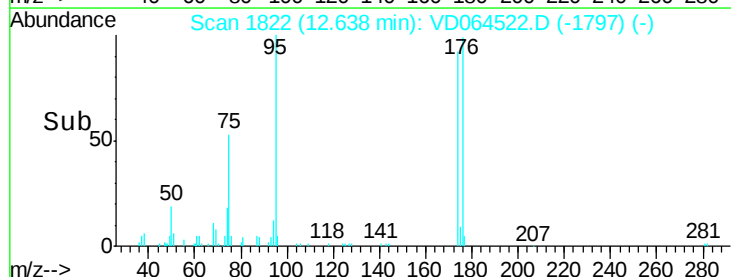
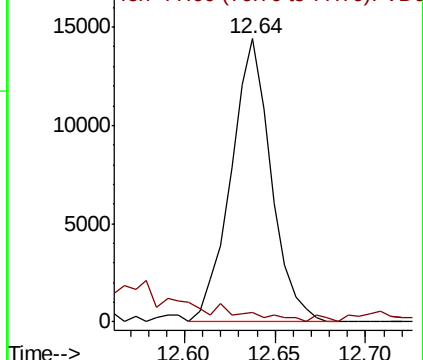
75 100

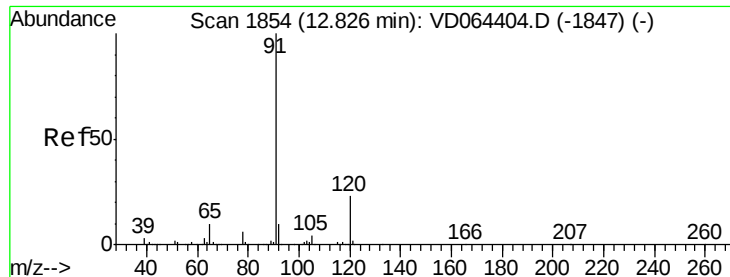
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#78

n-propylbenzene

Concen: 1.152 ug/l

RT: 12.95 min Scan# 1875

Delta R.T. 0.12 min

Lab File: VD064522.D

Acq: 16 Dec 2019 14:37

Instrument :

MSVOA_D

ClientSampleId :

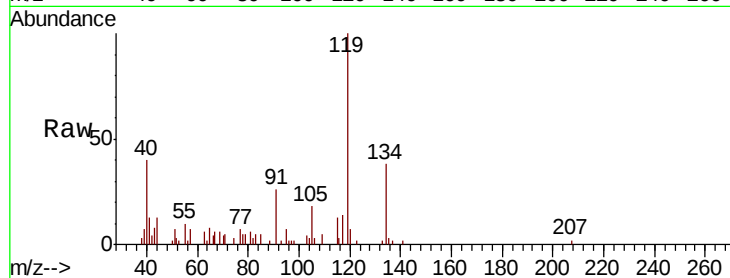
RT-3860

Tgt Ion: 91 Resp: 4864

Ion Ratio Lower Upper

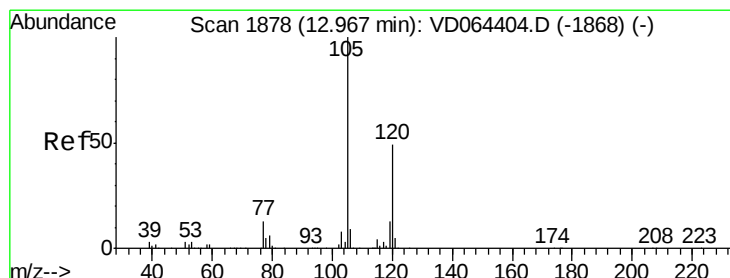
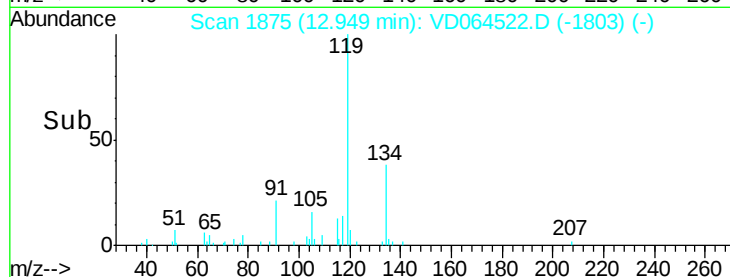
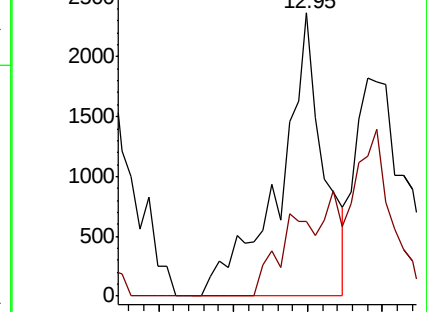
91 100

120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 1.476 ug/l

RT: 12.96 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VD064522.D

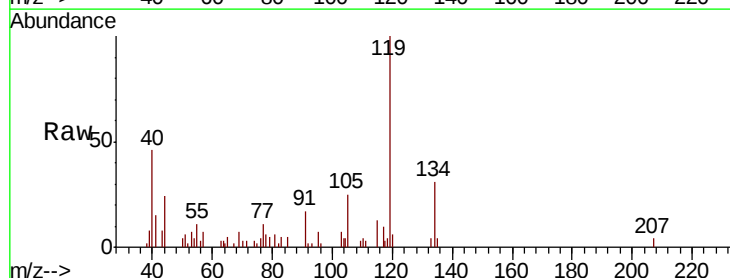
Acq: 16 Dec 2019 14:37

Tgt Ion: 105 Resp: 4412

Ion Ratio Lower Upper

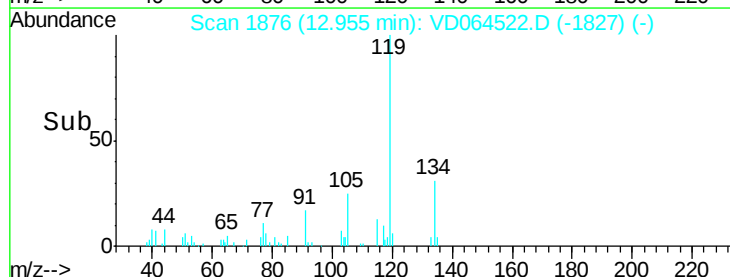
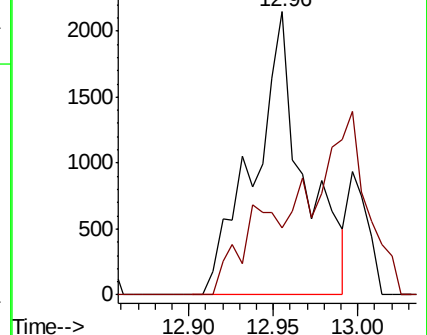
105 100

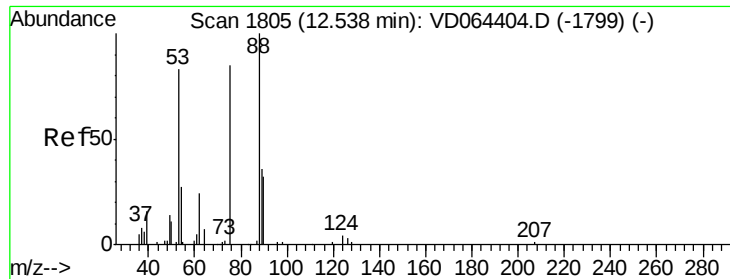
120 26.6 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

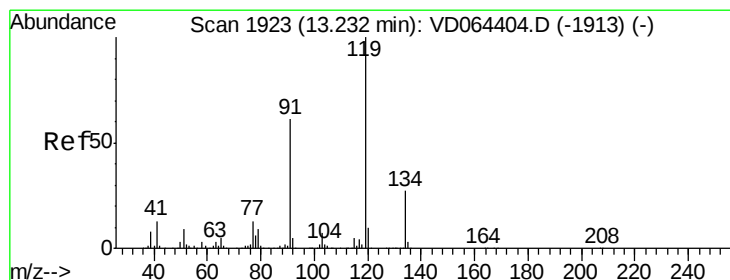
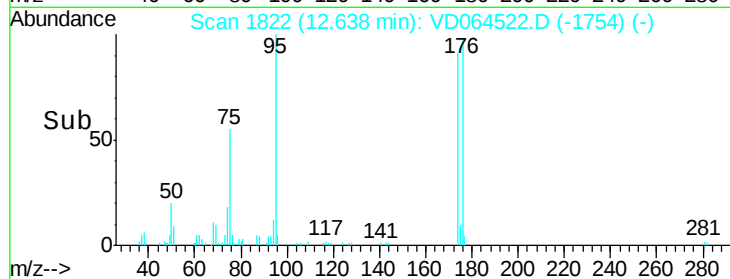
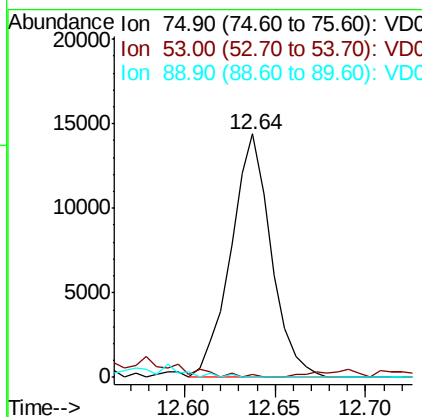
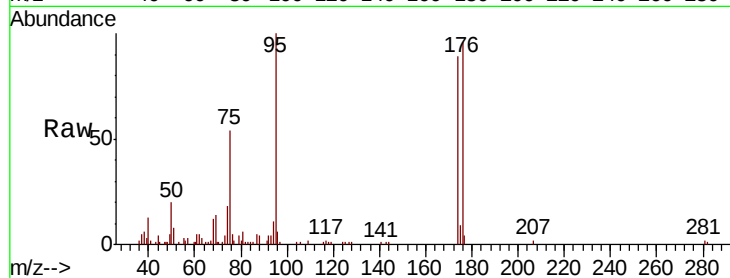




#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.640 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD064522.D
 Acq: 16 Dec 2019 14:37

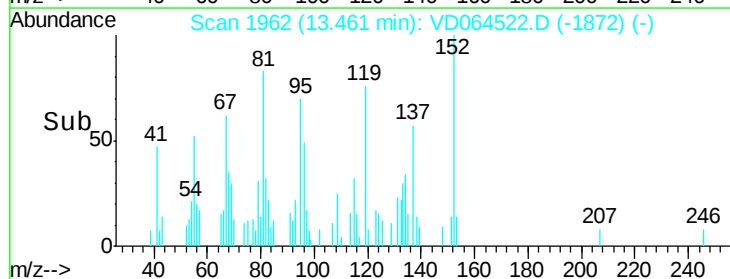
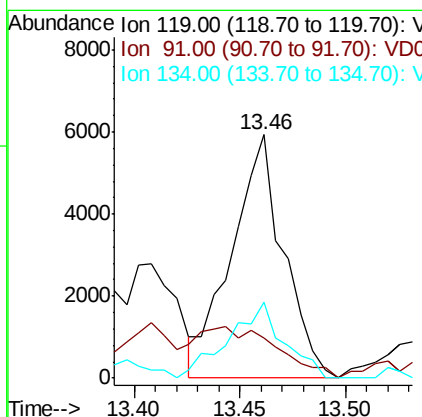
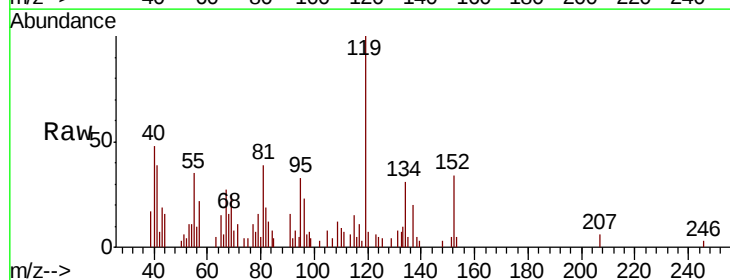
Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3860

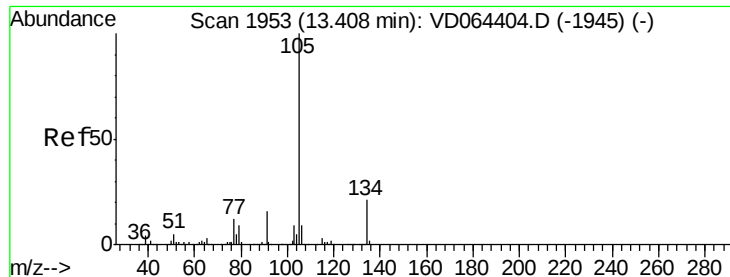
Tgt Ion: 75 Resp: 22188
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.0 121.6#
 89 0.0 38.5 57.7#



#83
 tert-Butylbenzene
 Concen: 3.897 ug/l
 RT: 13.46 min Scan# 1962
 Delta R.T. 0.23 min
 Lab File: VD064522.D
 Acq: 16 Dec 2019 14:37

Tgt Ion: 119 Resp: 10131
 Ion Ratio Lower Upper
 119 100
 91 33.8 31.2 93.6
 134 33.1 13.9 41.7

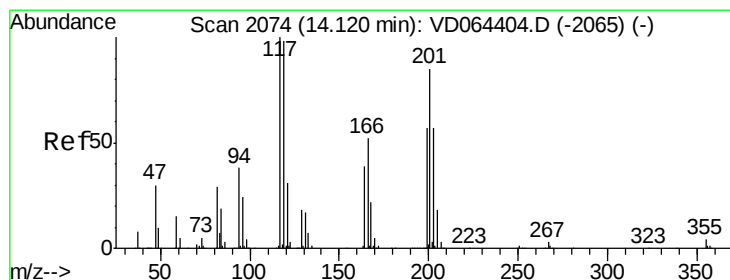
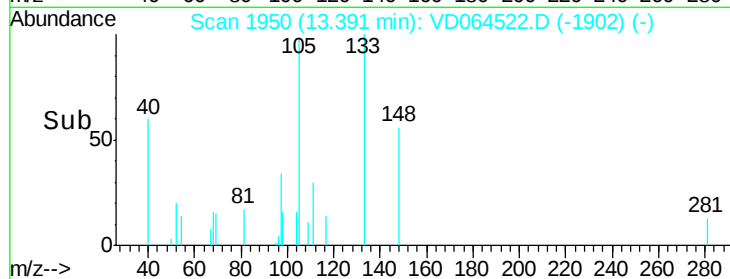
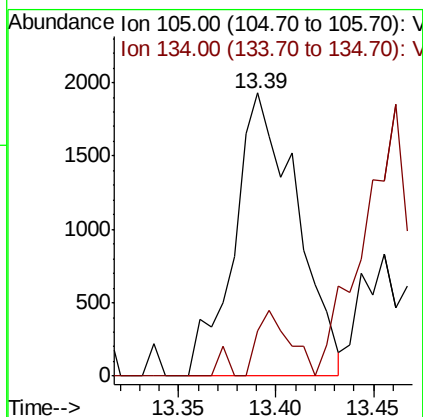
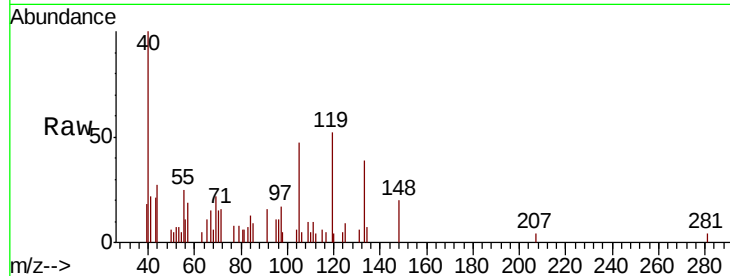




#85
 sec-Butylbenzene
 Concen: 1.208 ug/l
 RT: 13.39 min Scan# 1950
 Delta R.T. -0.02 min
 Lab File: VD064522.D
 Acq: 16 Dec 2019 14:37

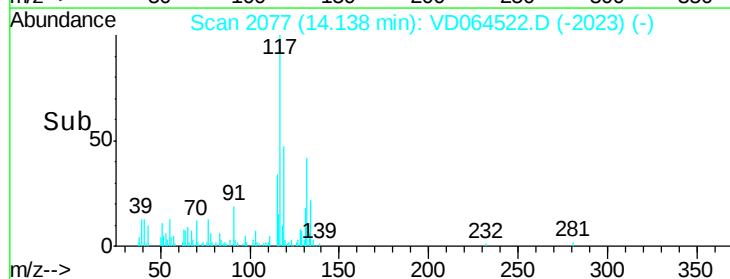
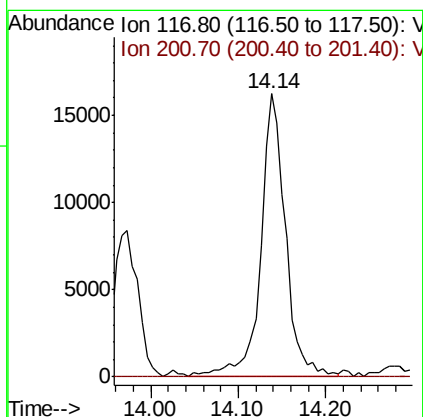
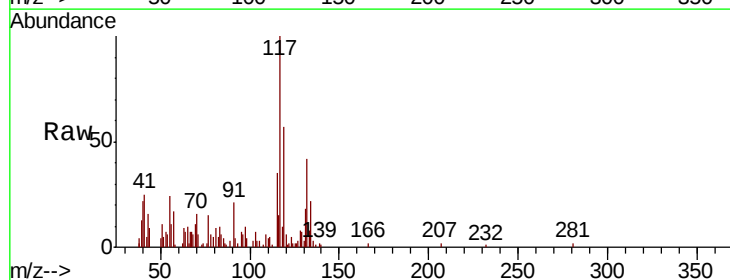
Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3860

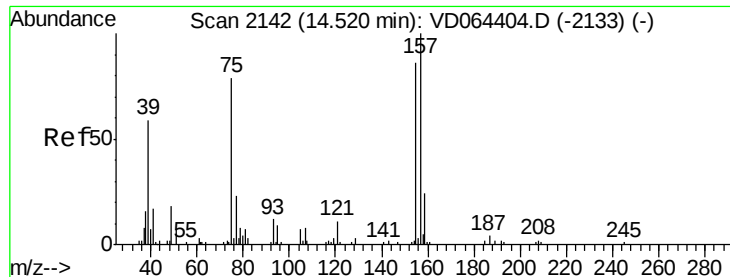
Tgt Ion:105 Resp: 4310
 Ion Ratio Lower Upper
 105 100
 134 12.1 10.5 31.5



#90
 Hexachloroethane
 Concen: 50.725 ug/l
 RT: 14.14 min Scan# 2077
 Delta R.T. 0.02 min
 Lab File: VD064522.D
 Acq: 16 Dec 2019 14:37

Tgt Ion:117 Resp: 31957
 Ion Ratio Lower Upper
 117 100
 201 0.0 44.3 132.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.48 min Scan# 2136

Delta R.T. -0.03 min

Lab File: VD064522.D

Acq: 16 Dec 2019 14:37

Instrument :

MSVOA_D

ClientSampleId :

RT-3860

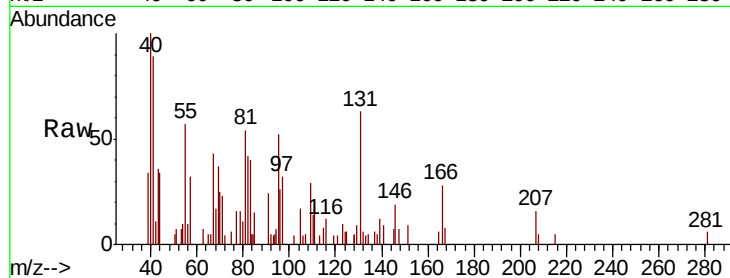
Tgt Ion: 75 Resp: 147

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

157 0.0 63.2 189.8#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

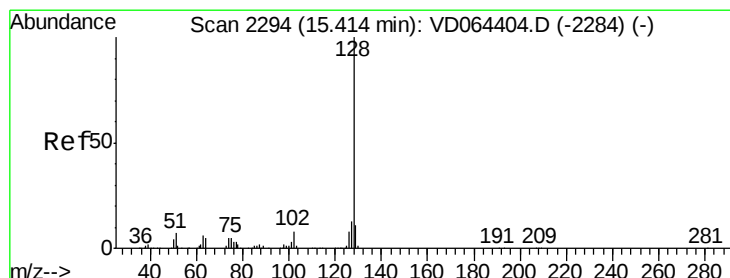
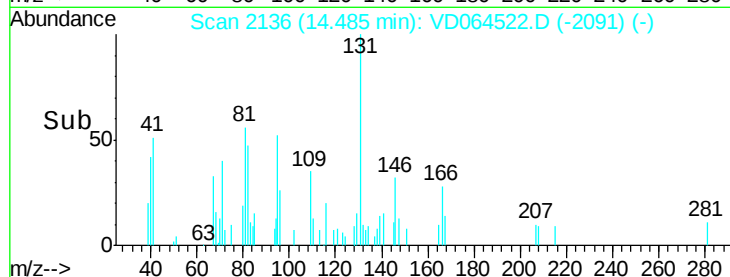
14.48

200

100

0

Time--> 14.46 14.48 14.50



#95

Naphthalene

Concen: 1.550 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064522.D

Acq: 16 Dec 2019 14:37

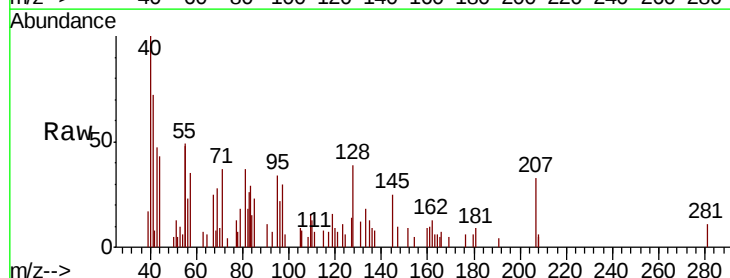
Tgt Ion: 128 Resp: 2903

Ion Ratio Lower Upper

128 100

127 24.4 10.5 15.7#

129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.41

1000

500

0

Time--> 15.40 15.41 15.42

