

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064828.D
 Acq On : 09 Jan 2020 20:48
 Operator : VA/SY
 Sample : L1070-04
 Misc : 9.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 10 05:44:17 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	7318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	11187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	11013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	5071	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	5176	80.21	ug/l	0.00
Spiked Amount			Recovery	=	160.42%	
35) Dibromofluoromethane	7.91	113	3987	58.09	ug/l	0.00
Spiked Amount			Recovery	=	116.18%	
50) Toluene-d8	10.34	98	12663	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.63	95	4559	54.85	ug/l	0.00
Spiked Amount			Recovery	=	109.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	191	2.401	ug/l #	42
5) Bromomethane	2.79	94	128	1.815	ug/l #	2
12) 1,1-Dichloroethene	4.06	96	72	1.118	ug/l #	50
15) Acrylonitrile	5.47	53	66	4.887	ug/l #	17
16) Acetone	4.18	43	146	13.661	ug/l #	42
18) Methyl Acetate	4.69	43	56	1.541	ug/l #	51
20) Methylene Chloride	4.96	84	93	Below Cal	#	7
25) 2-Butanone	7.21	43	67	3.777	ug/l #	49
29) Tetrahydrofuran	7.78	42	58	5.258	ug/l #	33
31) Cyclohexane	7.98	56	287	2.385	ug/l #	16
37) Ethyl Acetate	7.21	43	67	1.584	ug/l #	70
38) Carbon Tetrachloride	7.97	117	520	4.529	ug/l #	12
41) Methacrylonitrile	7.57	41	104	4.238	ug/l #	24
48) Methyl methacrylate	9.41	41	291	7.340	ug/l #	30
51) 4-Methyl-2-Pentanone	10.32	43	118	2.835	ug/l #	37
55) 1,1,2-Trichloroethane	10.78	97	287	5.443	ug/l #	15
56) Ethyl methacrylate	10.67	69	99	1.503	ug/l #	1
59) 2-Hexanone	11.03	43	77	2.726	ug/l #	26
61) 1,2-Dibromoethane	11.24	107	62	1.192	ug/l #	2
64) Tetrachloroethene	10.88	164	87	1.030	ug/l #	44
65) Chlorobenzene	11.68	112	313	1.369	ug/l #	44
74) N-amyl acetate	12.27	43	854	11.024	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.74	83	65	1.142	ug/l #	26
76) 1,2,3-Trichloropropane	12.64	75	2569	64.155	ug/l #	100
78) n-propylbenzene	12.82	91	615	1.455	ug/l #	51
81) trans-1,4-Dichloro-2-buten	12.64	75	2569	134.178	ug/l #	13
82) 4-Chlorotoluene	13.01	91	410	1.659	ug/l #	39
83) tert-Butylbenzene	13.23	119	351	1.358	ug/l #	66
85) sec-Butylbenzene	13.41	105	533	1.504	ug/l #	55
89) n-Butylbenzene	13.86	91	828	2.714	ug/l #	54
90) Hexachloroethane	14.23	117	135	2.086	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.57	75	59	6.393	ug/l #	1
95) Naphthalene	15.40	128	225	1.334	ug/l #	69

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
Data File : VD064828.D
Acq On : 09 Jan 2020 20:48
Operator : VA/SY
Sample : L1070-04
Misc : 9.12G/5.00ml/MSVOA D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 10 05:44:17 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

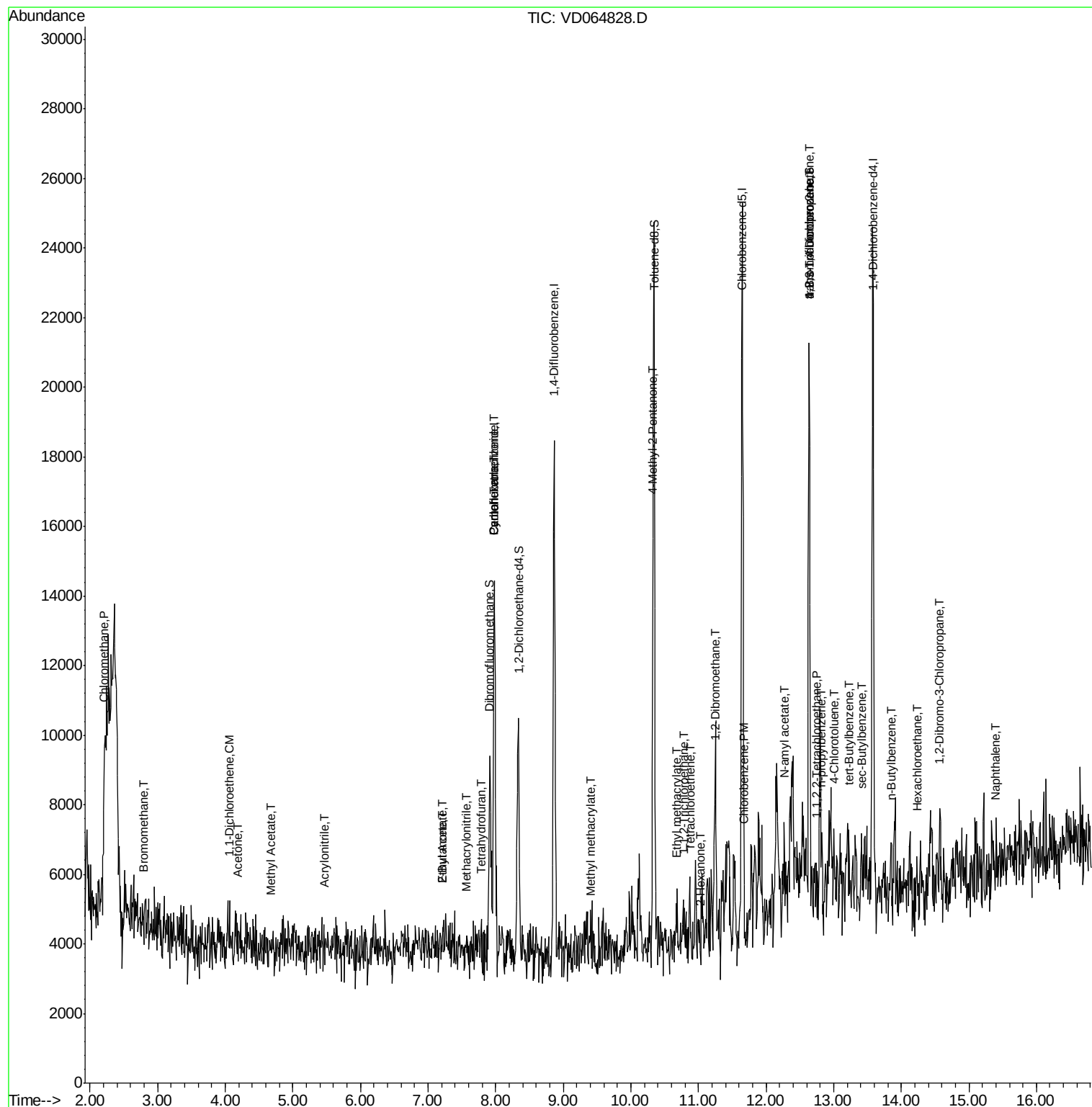
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

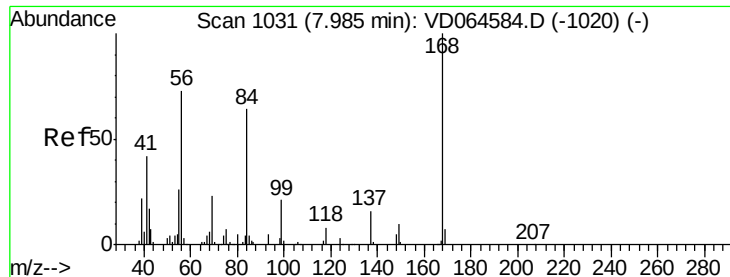
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010920\
Data File : VD064828.D
Acq On : 09 Jan 2020 20:48
Operator : VA/SY
Sample : L1070-04
Misc : 9.12G/5.00ml/MSVOA D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 10 05:44:17 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# 1030

Delta R.T. -0.01 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

Instrument :

MSVOA_D

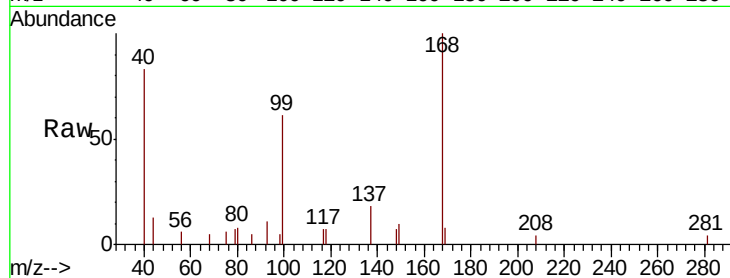
ClientSampleId :

Tot Ion:168 Resp: 7318

Ion Ratio Lower Upper

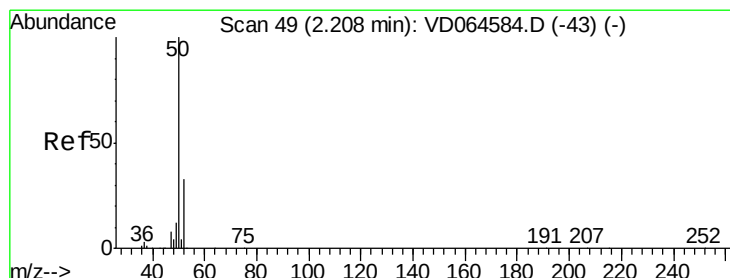
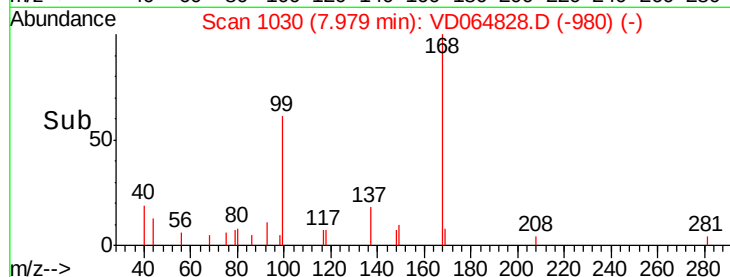
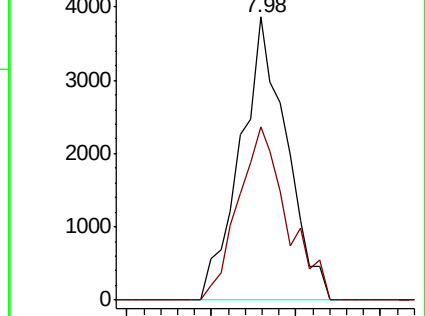
168 100

99 61.4 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#3

Chloromethane

Concen: 2.401 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD064828.D

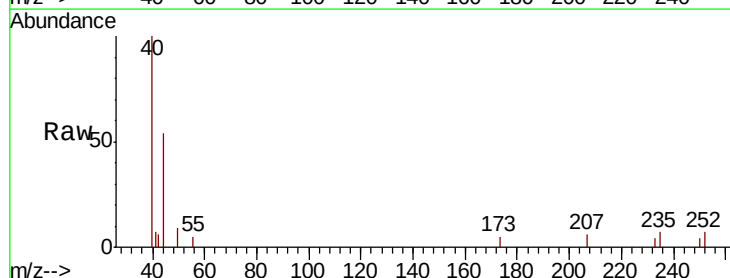
Acq: 09 Jan 2020 20:48

Tgt Ion: 50 Resp: 191

Ion Ratio Lower Upper

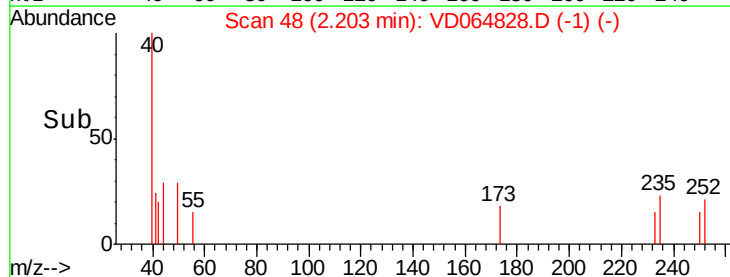
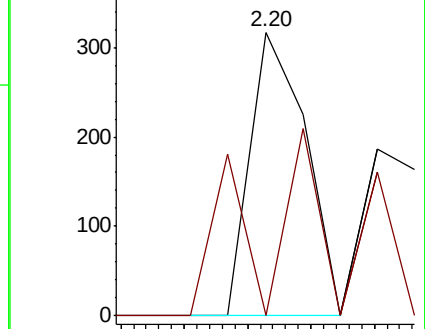
50 100

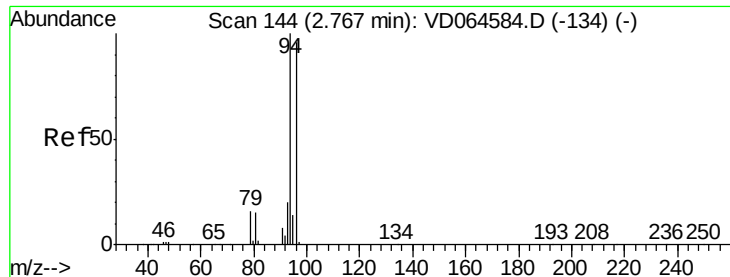
52 0.0 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 1.815 ug/l

RT: 2.79 min Scan# 148

Delta R.T. 0.02 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

Instrument :

MSVOA_D

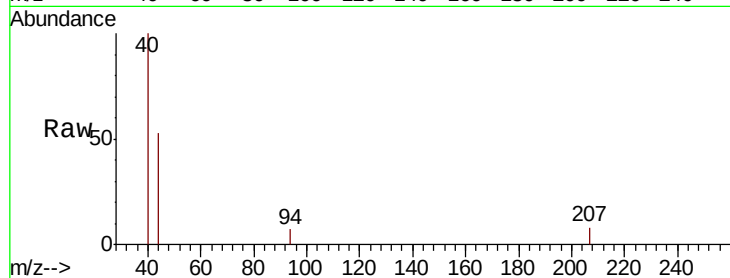
ClientSampleId :

Tot Ion: 94 Resp: 128

Ion Ratio Lower Upper

94 100

96 0.0 77.2 115.8#



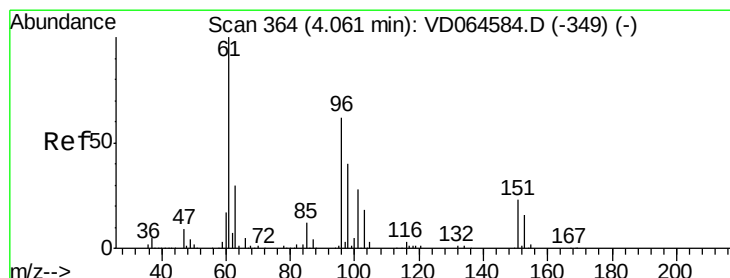
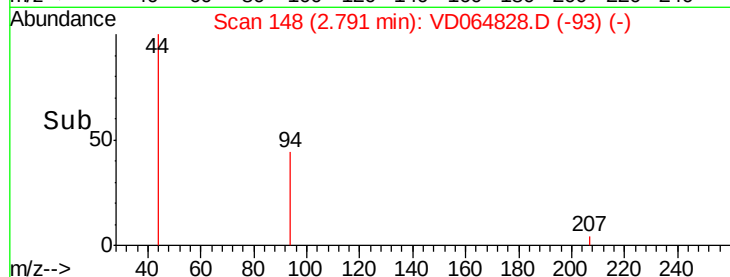
Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.79

2.80

Time-->



#12

1,1-Dichloroethene

Concen: 1.118 ug/l

RT: 4.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

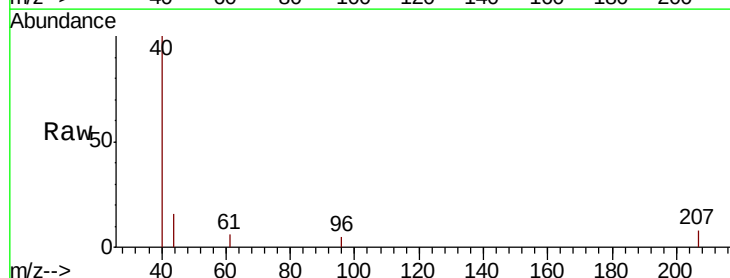
Tgt Ion: 96 Resp: 72

Ion Ratio Lower Upper

96 100

61 111.2 129.4 194.0#

98 0.0 51.4 77.0#



Abundance Ion 95.90 (95.60 to 96.60): VDC

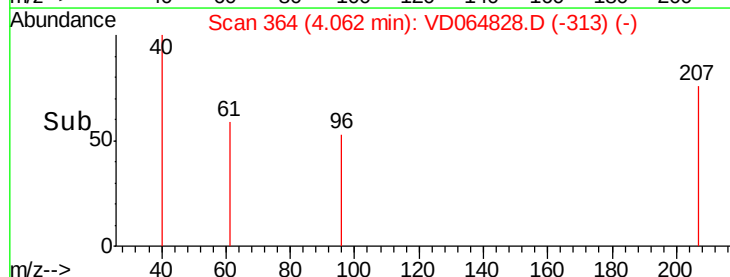
Ion 60.90 (60.60 to 61.60): VDC

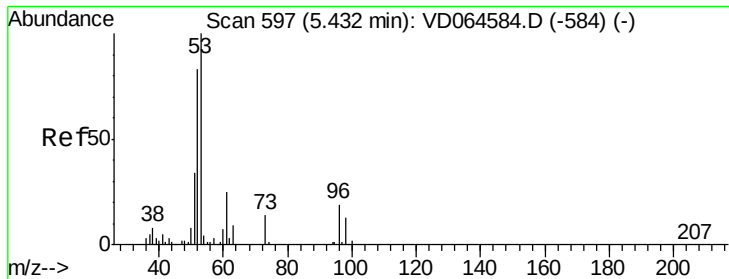
Ion 97.90 (97.60 to 98.60): VDC

4.06

4.07

Time-->





#15

Acrylonitrile

Concen: 4.887 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.04 min

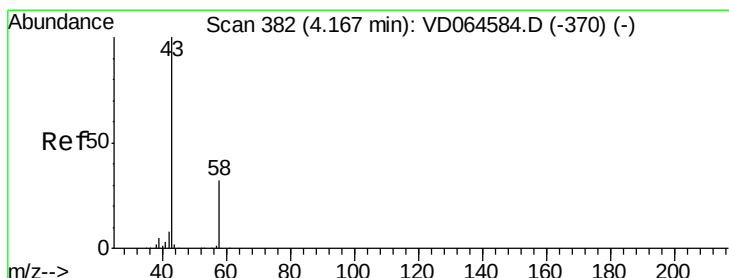
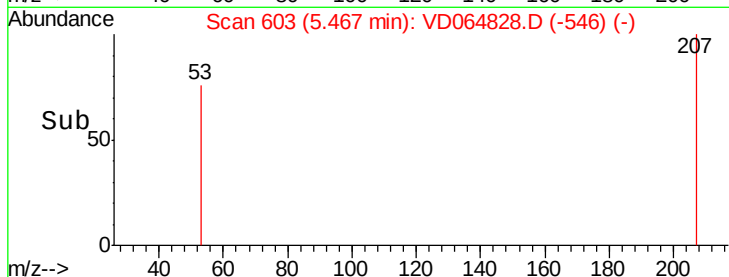
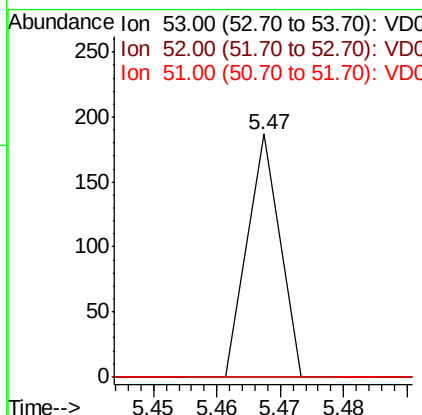
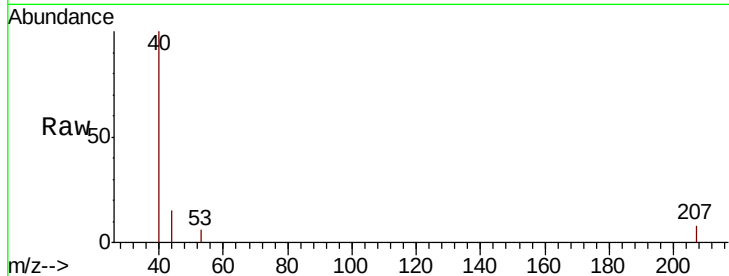
Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 53 Resp: 66

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.2	99.2#
51	0.0	30.1	45.1#



#16

Acetone

Concen: 13.661 ug/l

RT: 4.18 min Scan# 384

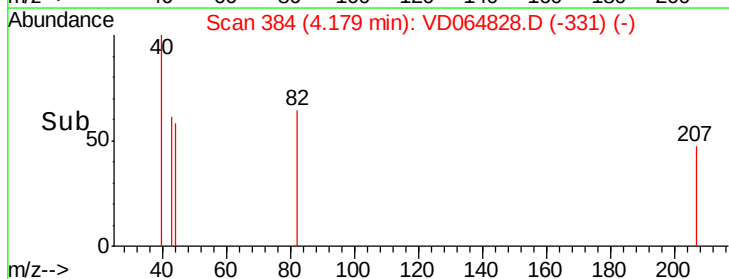
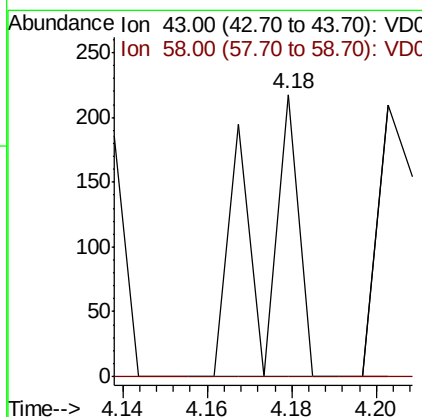
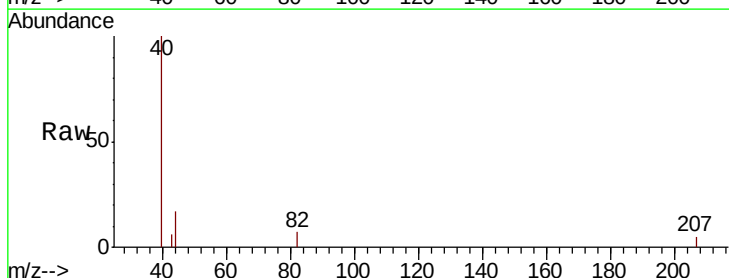
Delta R.T. 0.01 min

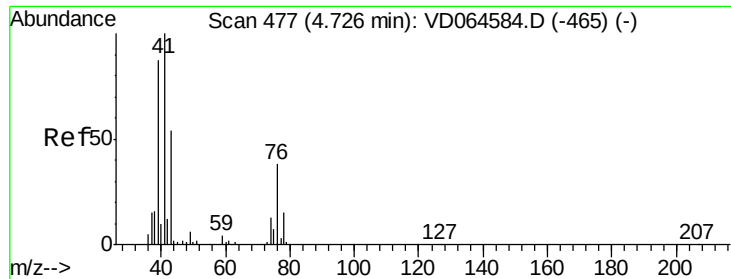
Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

Tgt Ion: 43 Resp: 146

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.8	38.6#

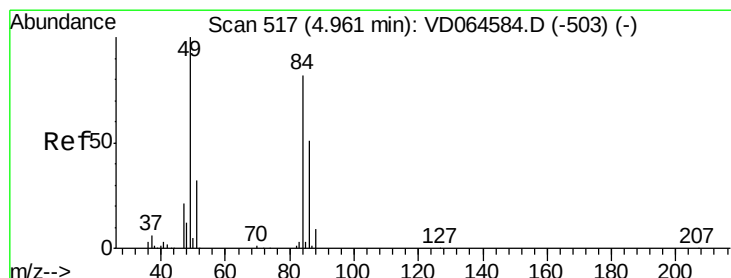
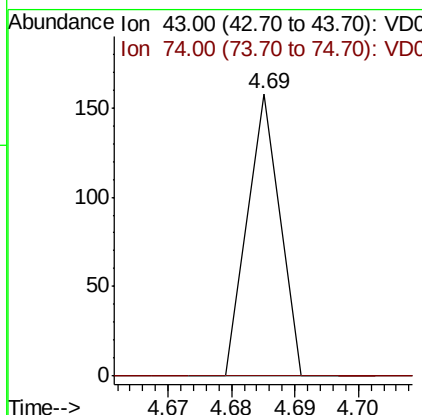
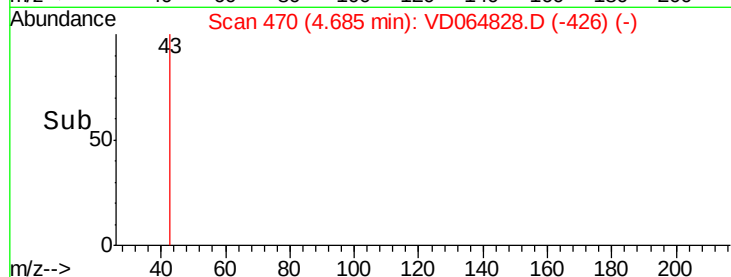
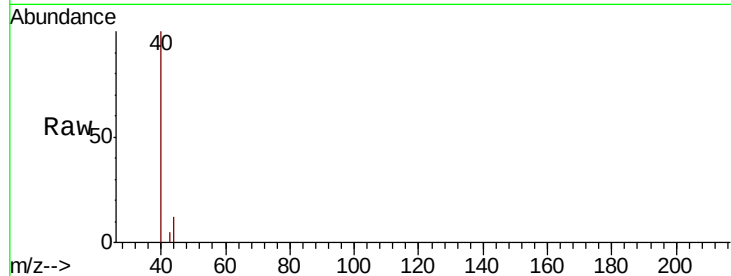




#18
Methyl Acetate
Concen: 1.541 ug/l
RT: 4.69 min Scan# 470
Delta R.T. -0.04 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

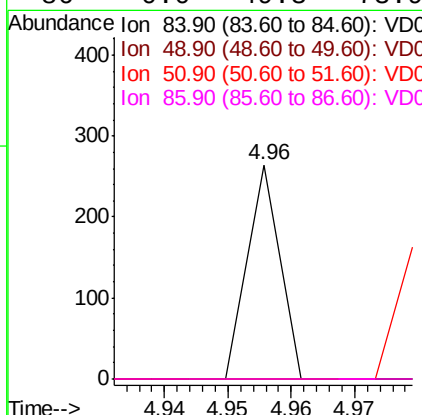
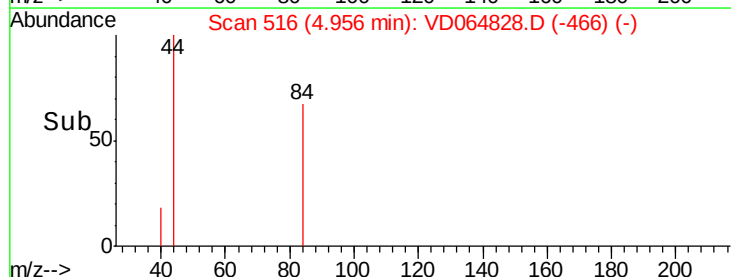
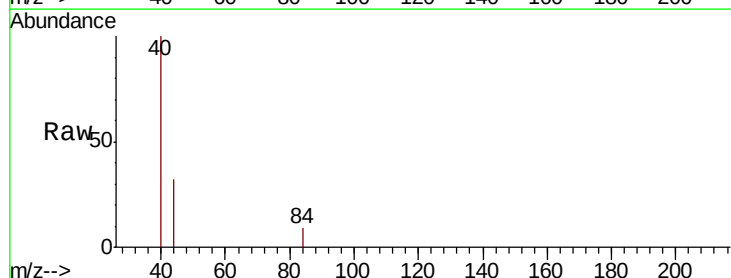
Instrument :
MSVOA_D
ClientSampleId :

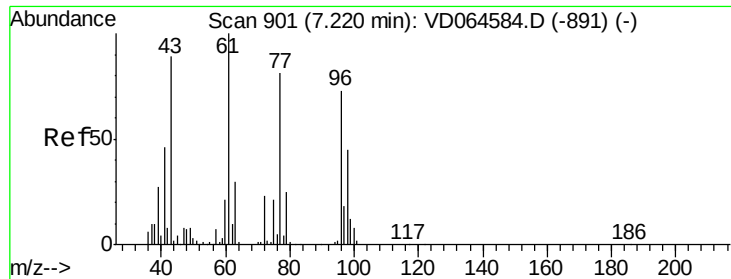
Tot Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

Tgt Ion: 84 Resp: 93
Ion Ratio Lower Upper
84 100
49 0.0 97.2 145.8#
51 0.0 31.4 47.0#
86 0.0 49.3 73.9#





#25

2-Butanone

Concen: 3.777 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.01 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

Instrument :

MSVOA_D

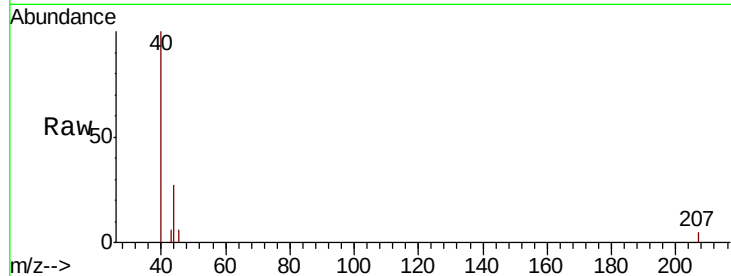
ClientSampleId :

Tot Ion: 43 Resp: 67

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

7.21

200

150

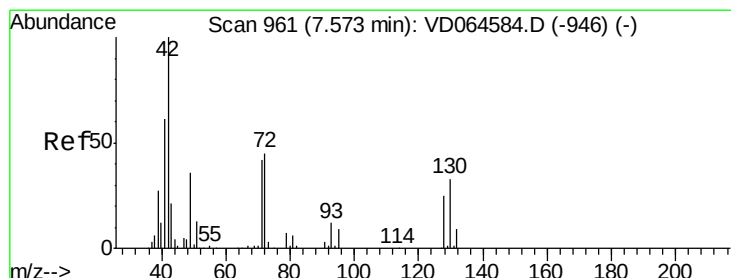
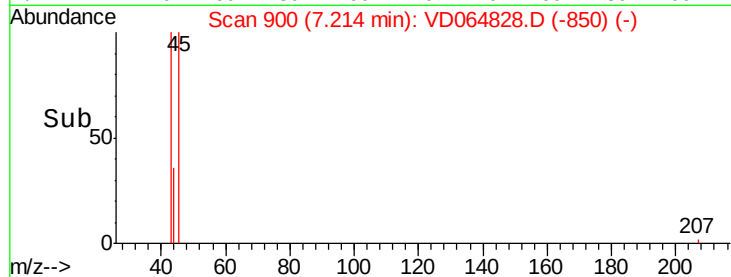
100

50

0

7.20 7.21 7.22 7.23

Time-->



#29

Tetrahydrofuran

Concen: 5.258 ug/l

RT: 7.78 min Scan# 997

Delta R.T. 0.21 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

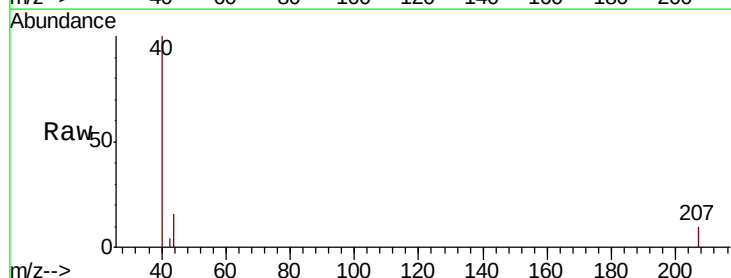
Tgt Ion: 42 Resp: 58

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

7.78

200

150

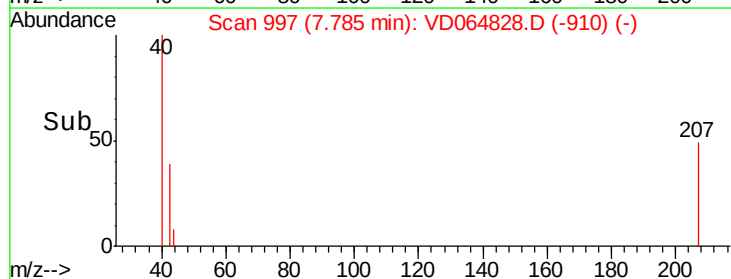
100

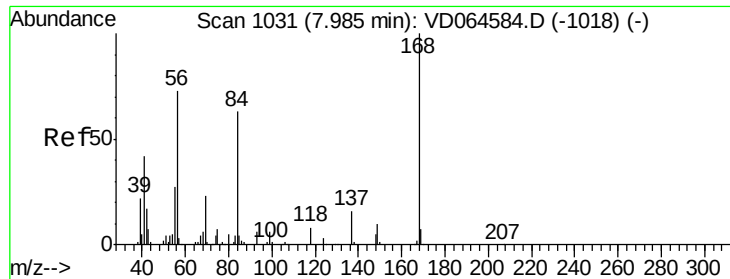
50

0

7.77 7.78 7.79 7.80

Time-->

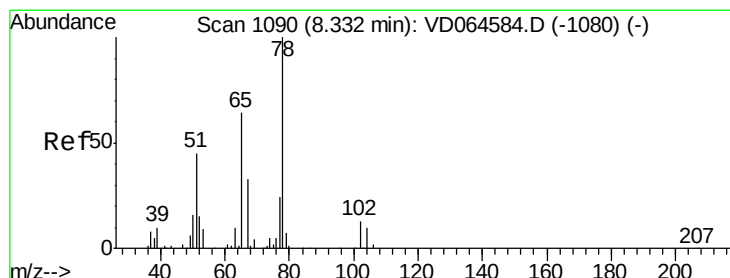
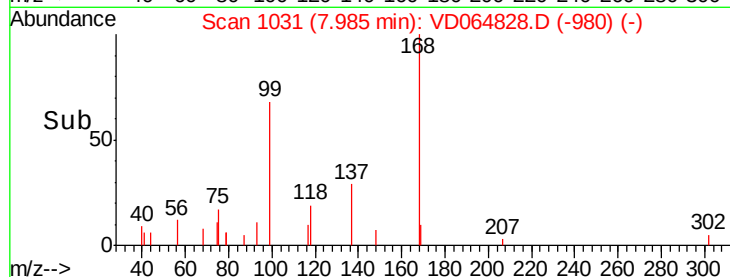
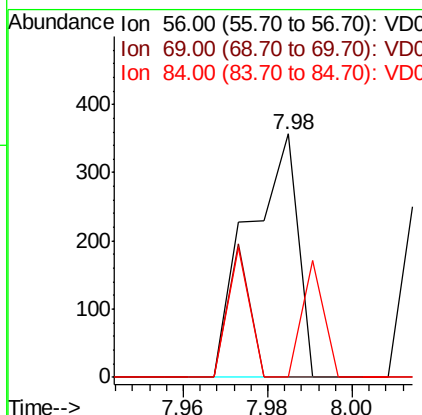
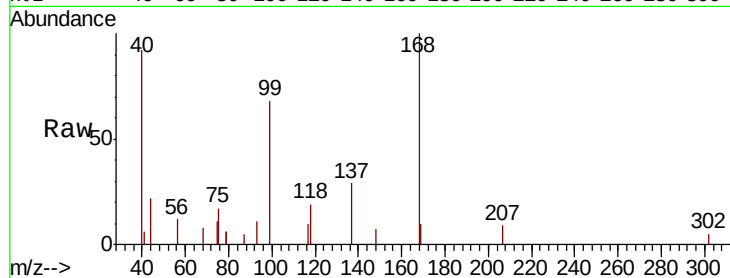




#31
Cyclohexane
Concen: 2.385 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

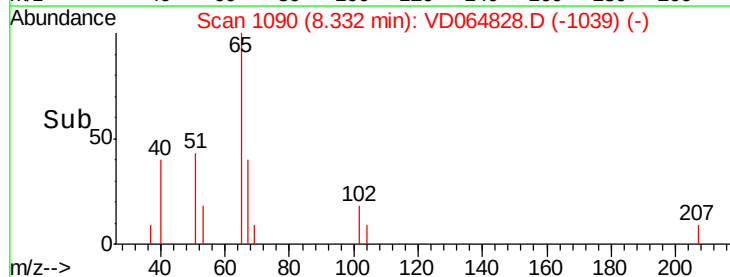
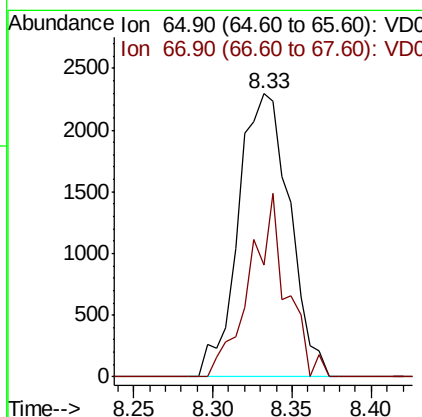
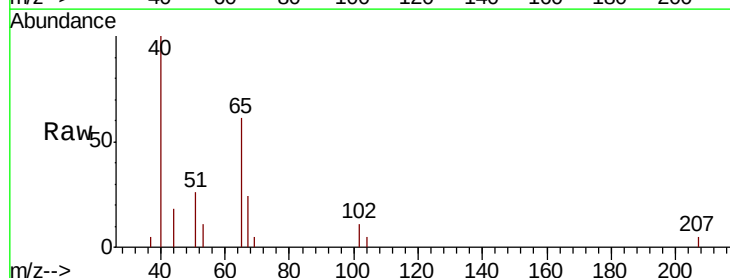
Instrument :
MSVOA_D
ClientSampled :

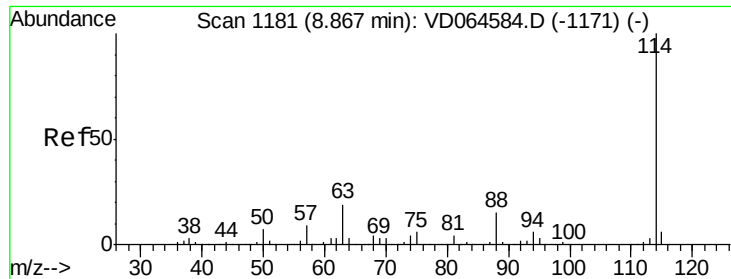
Tot Ion: 56 Resp: 287
Ion Ratio Lower Upper
56 100
69 0.0 24.7 37.1#
84 0.0 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 80.212 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

Tgt Ion: 65 Resp: 5176
Ion Ratio Lower Upper
65 100
67 46.3 0.0 106.2

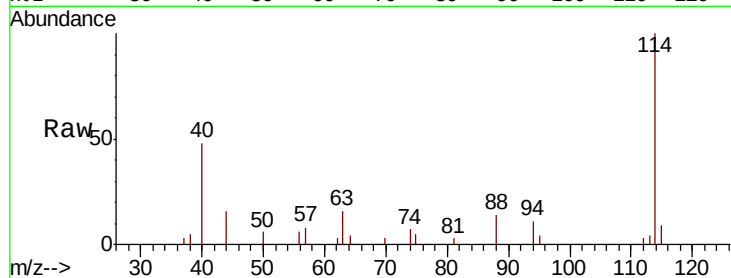




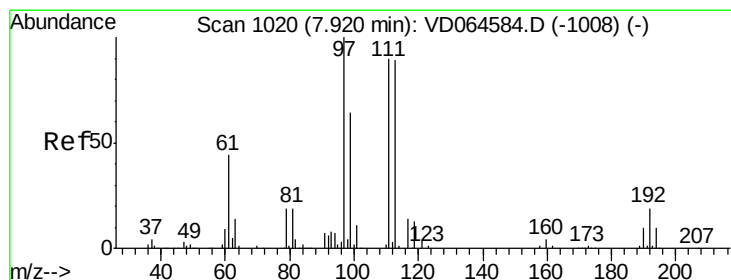
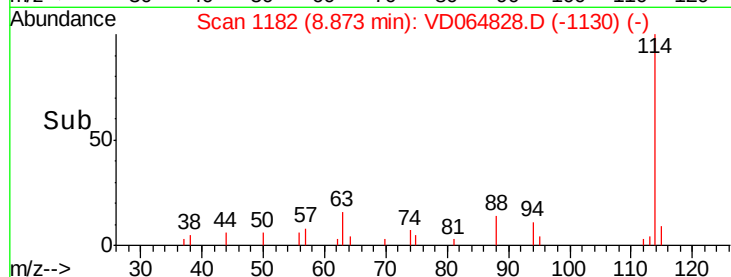
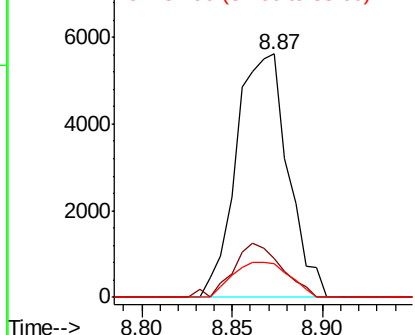
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:114 Resp: 11187
Ion Ratio Lower Upper
114 100
63 15.7 0.0 38.0
88 14.0 0.0 29.2

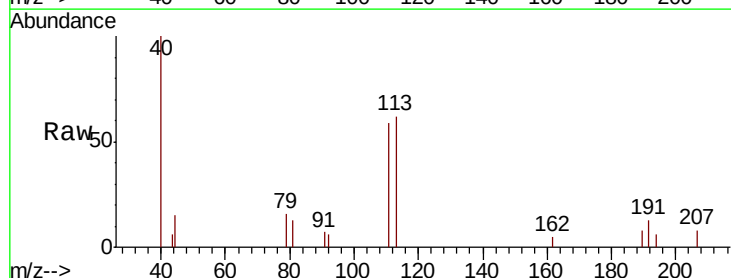


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

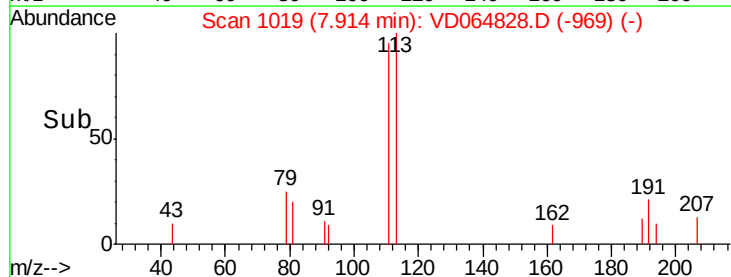
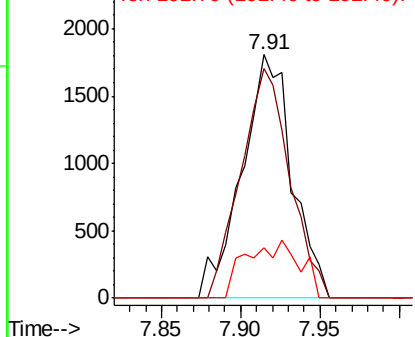


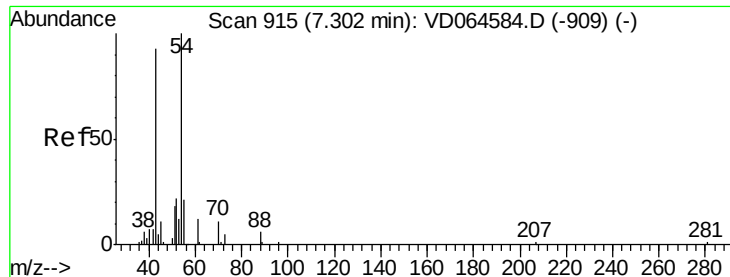
#35
Dibromofluoromethane
Concen: 58.091 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

Tgt Ion:113 Resp: 3987
Ion Ratio Lower Upper
113 100
111 91.8 80.6 121.0
192 25.3 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





#37

Ethyl Acetate

Concen: 1.584 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.09 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

Instrument :

MSVOA_D

ClientSampleId :

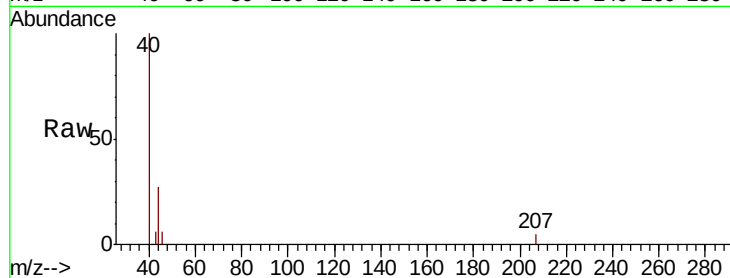
Tot Ion: 43 Resp: 67

Ion Ratio Lower Upper

43 100

61 0.0 10.3 15.5#

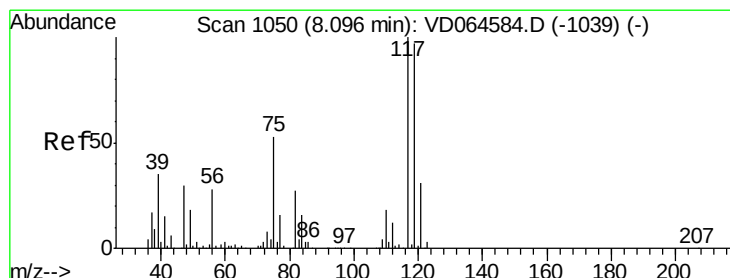
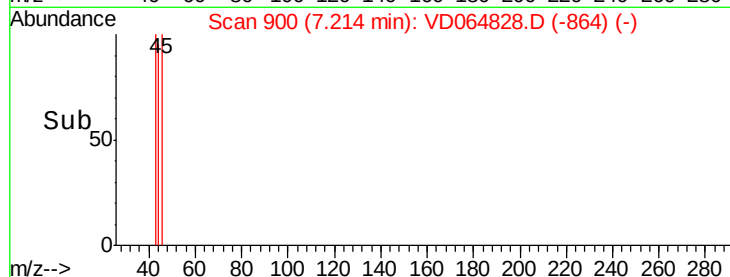
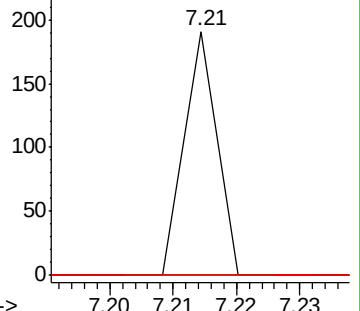
70 0.0 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 4.529 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

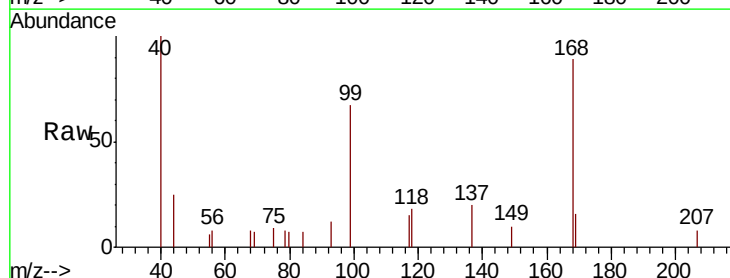
Tgt Ion: 117 Resp: 520

Ion Ratio Lower Upper

117 100

119 0.0 77.3 115.9#

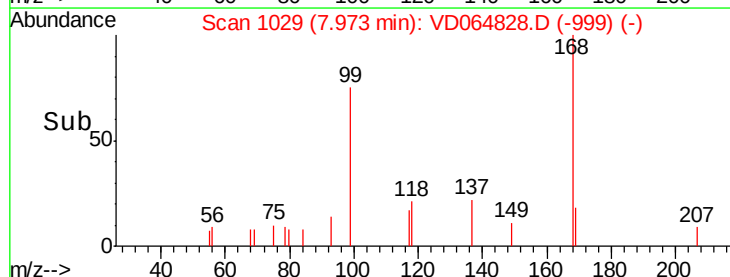
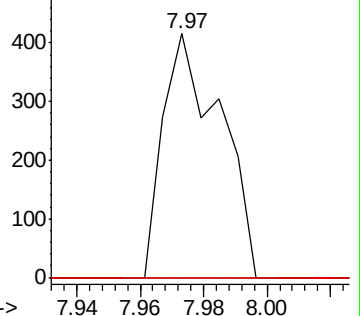
121 0.0 25.0 37.6#

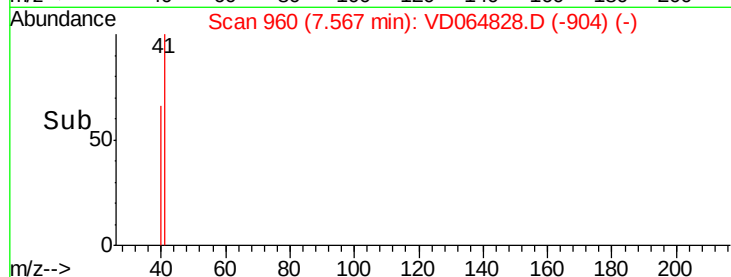
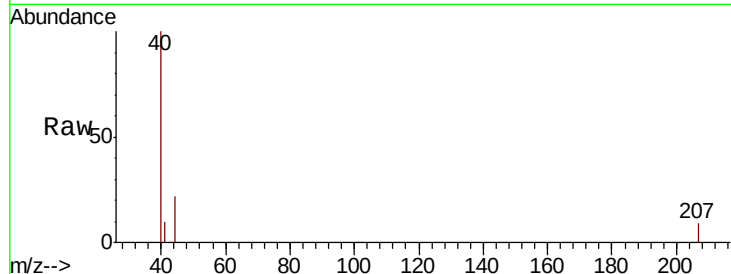
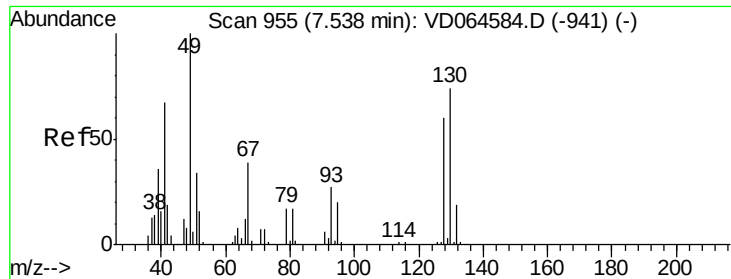


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

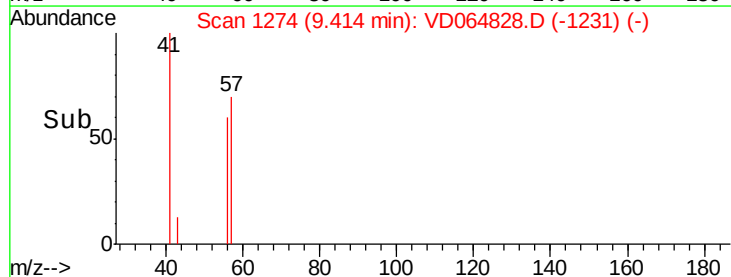
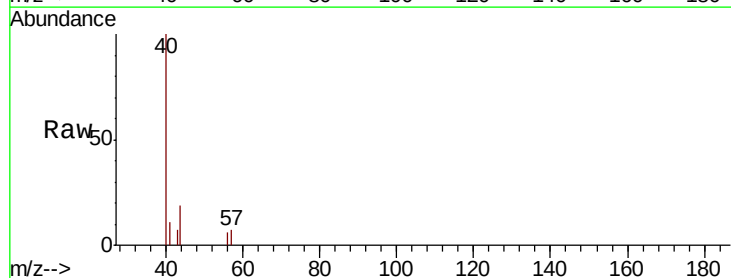
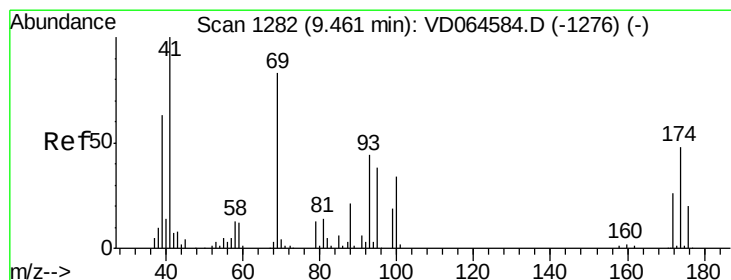
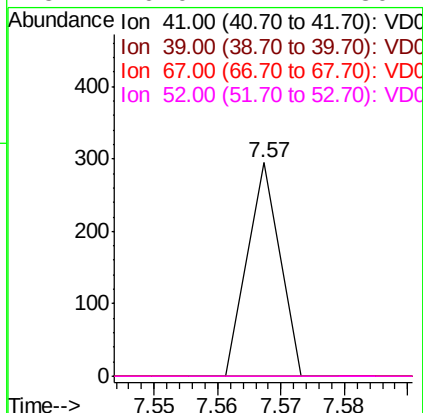
Ion 120.80 (120.50 to 121.50): V





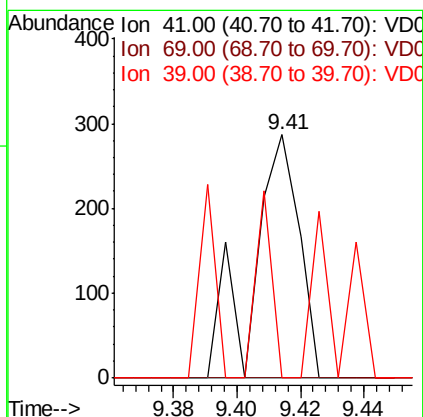
#41
Methacrylonitrile
Concen: 4.238 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.03 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

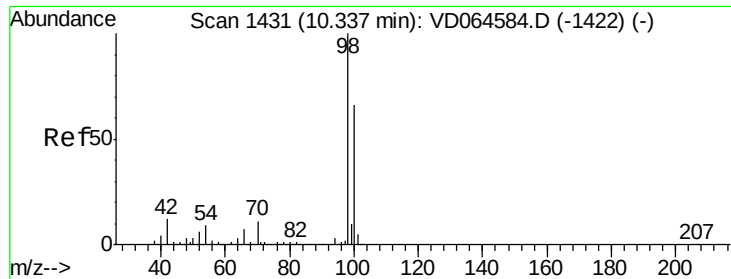
Tot Ion: 41 Resp: 104
Ion Ratio Lower Upper
41 100
39 0.0 46.7 70.1#
67 0.0 52.5 78.7#
52 0.0 24.1 36.1#



#48
Methyl methacrylate
Concen: 7.340 ug/l
RT: 9.41 min Scan# 1274
Delta R.T. -0.05 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

Tgt Ion: 41 Resp: 291
Ion Ratio Lower Upper
41 100
69 0.0 63.0 94.6#
39 26.8 47.4 71.2#

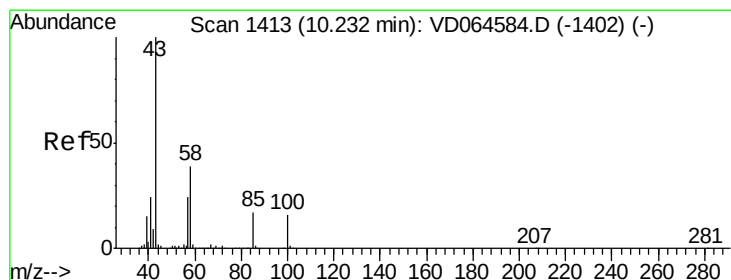
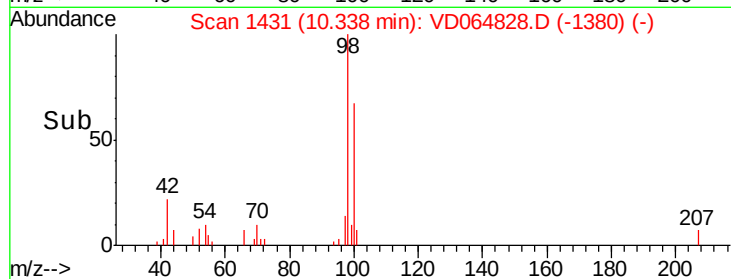
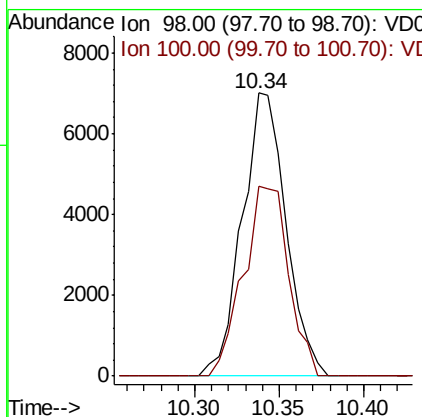
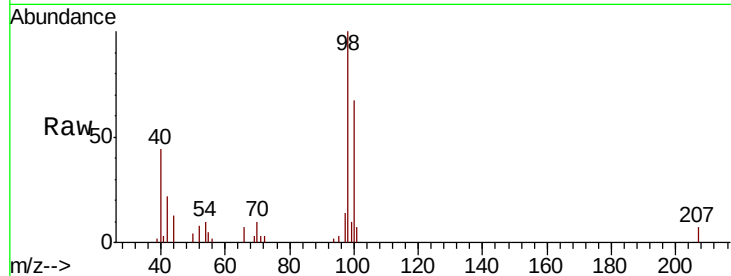




#50
Toluene-d8
Concen: 48.174 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

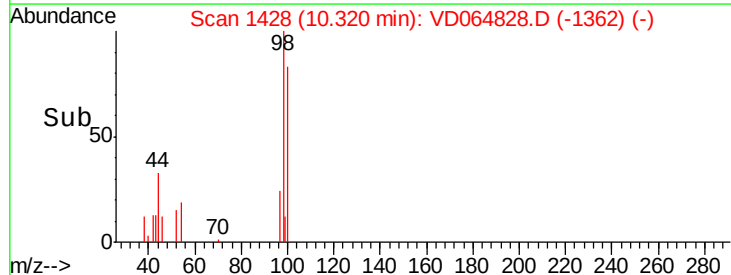
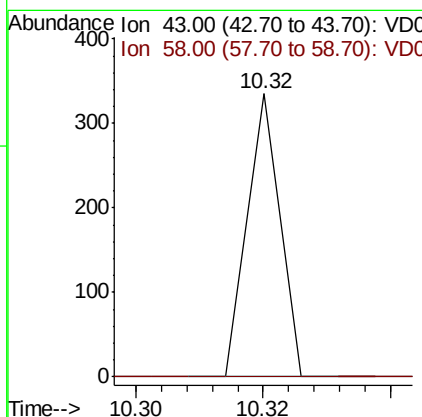
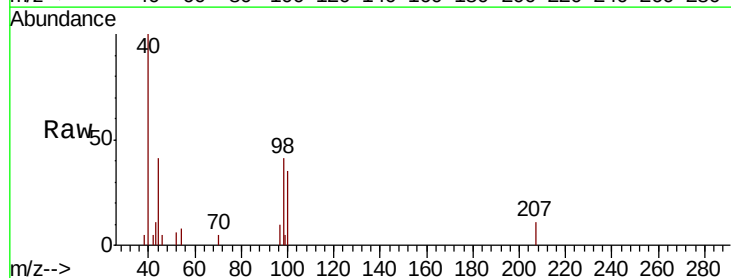
Instrument :
MSVOA_D
ClientSampled :

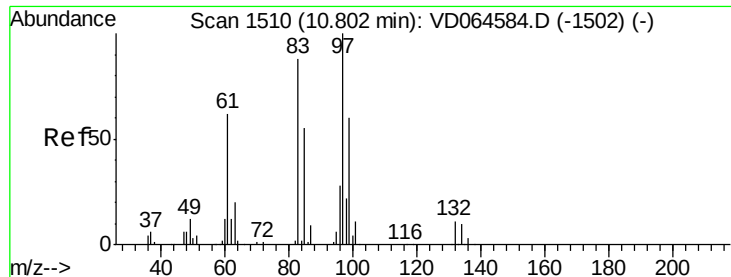
Tot Ion: 98 Resp: 12663
Ion Ratio Lower Upper
98 100
100 69.1 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 2.835 ug/l
RT: 10.32 min Scan# 1428
Delta R.T. 0.09 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

Tgt Ion: 43 Resp: 118
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#





#55

1,1,2-Trichloroethane

Concen: 5.443 ug/l

RT: 10.78 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

Instrument :

MSVOA_D

ClientSampled :

Tot Ion: 97 Resp: 287

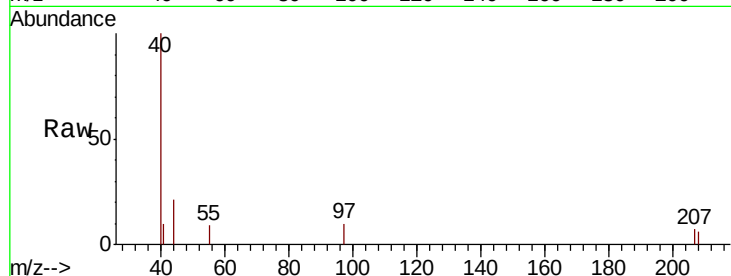
Ion Ratio Lower Upper

97 100

83 0.0 70.2 105.4#

85 0.0 44.0 66.0#

99 0.0 47.8 71.6#

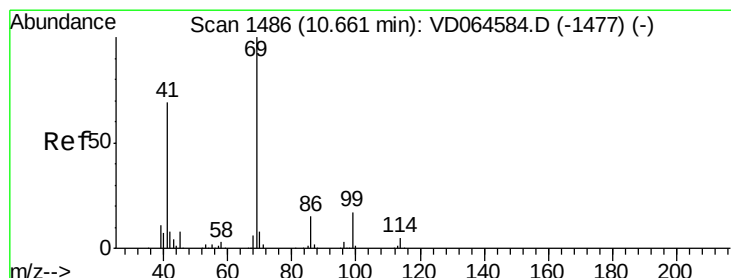
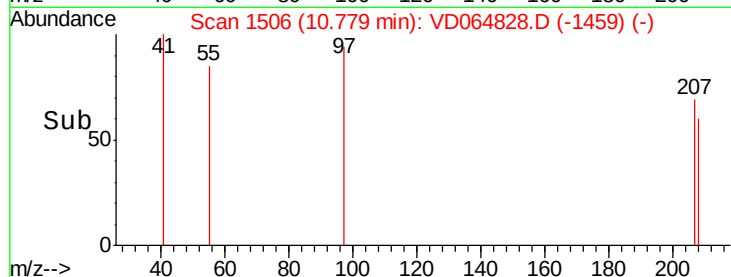
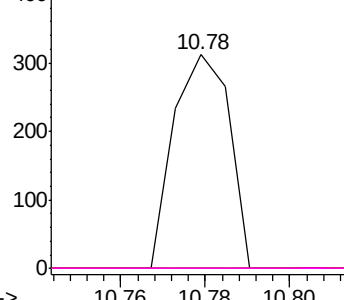


Abundance Ion 96.90 (96.60 to 97.60): VDC

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



#56

Ethyl methacrylate

Concen: 1.503 ug/l

RT: 10.67 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

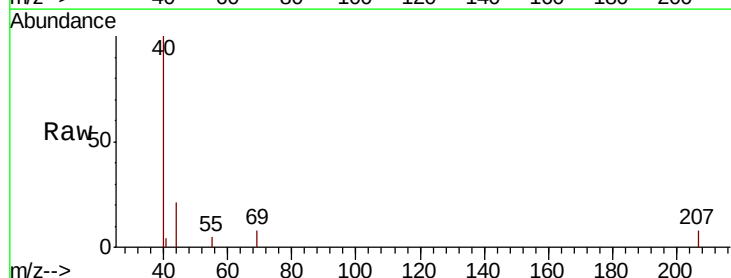
Tgt Ion: 69 Resp: 99

Ion Ratio Lower Upper

69 100

41 431.3 55.3 82.9#

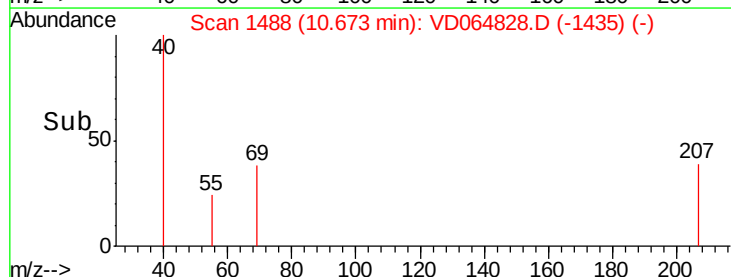
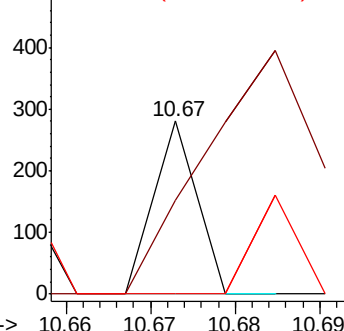
39 57.6 33.8 50.8#

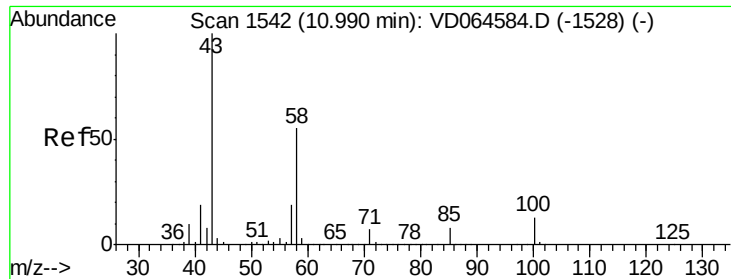


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

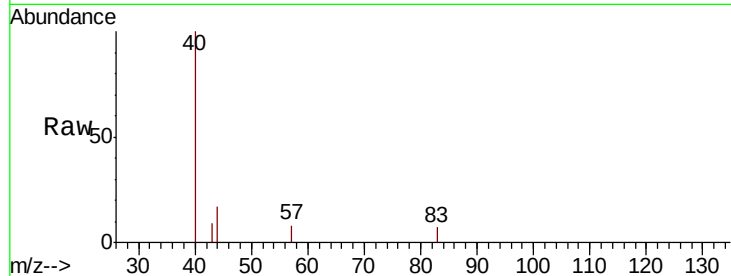




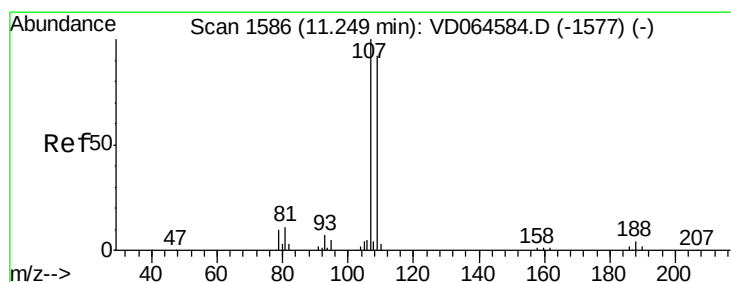
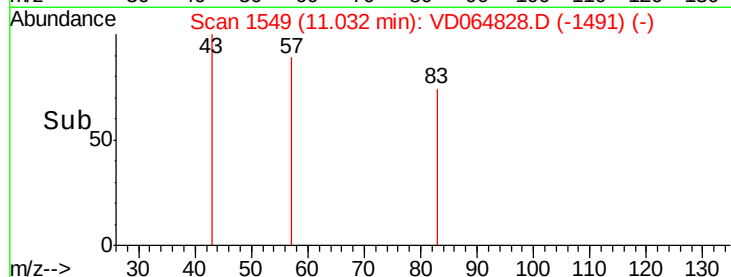
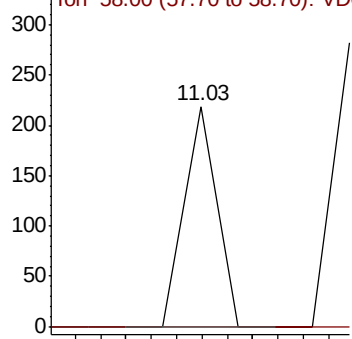
#59
2-Hexanone
Concen: 2.726 ug/l
RT: 11.03 min Scan# 1549
Delta R.T. 0.04 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 77
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.0#

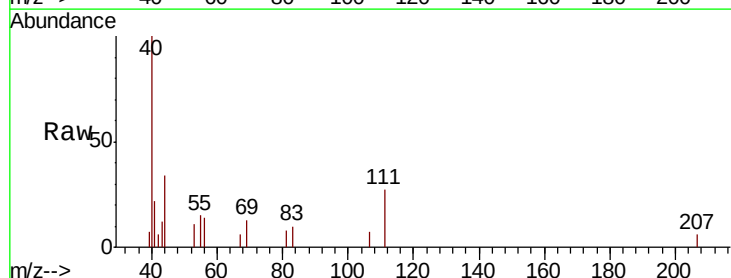


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

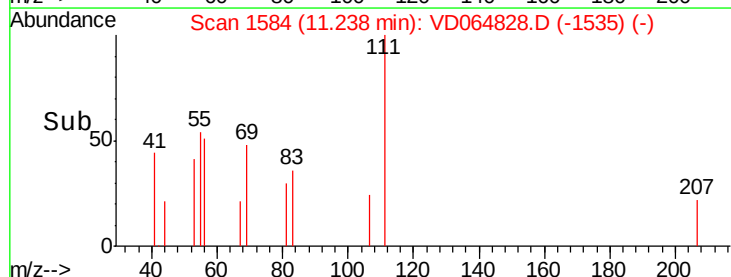
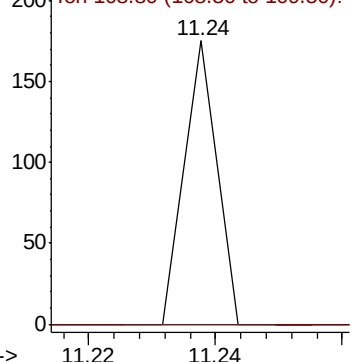


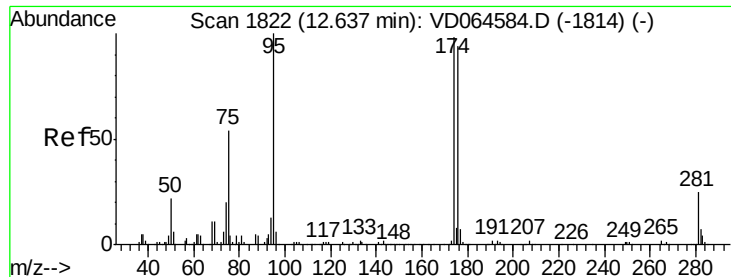
#61
1,2-Dibromoethane
Concen: 1.192 ug/l
RT: 11.24 min Scan# 1584
Delta R.T. -0.01 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

Tgt Ion: 107 Resp: 62
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: 54.849 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

Instrument :

MSVOA_D

ClientSampleId :

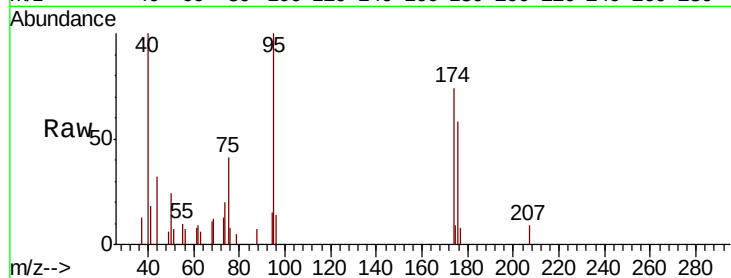
Tot Ion: 95 Resp: 4559

Ion Ratio Lower Upper

95 100

174 89.1 0.0 193.2

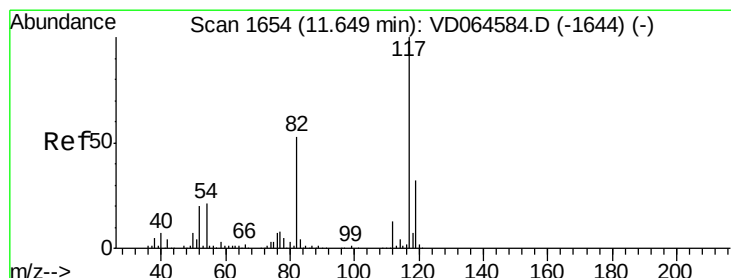
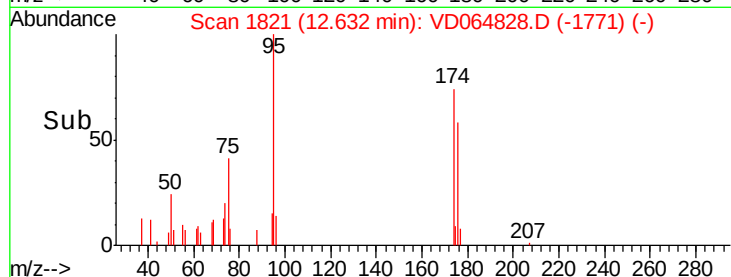
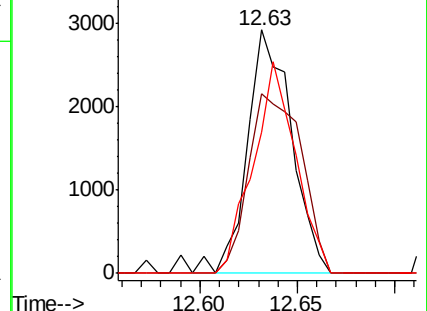
176 83.8 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

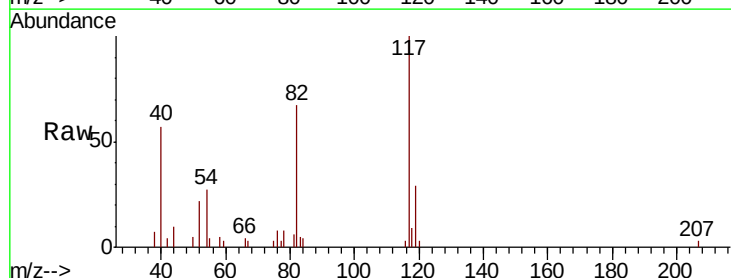
Tgt Ion: 117 Resp: 11013

Ion Ratio Lower Upper

117 100

82 67.3 42.2 63.4#

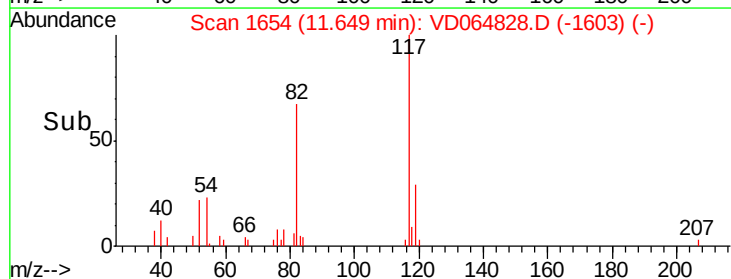
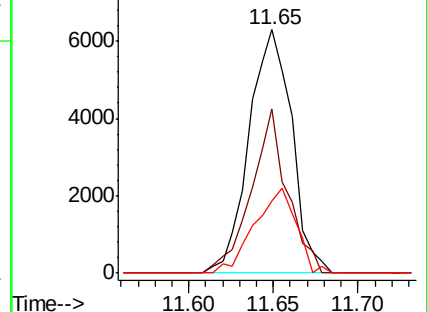
119 29.4 26.0 39.0

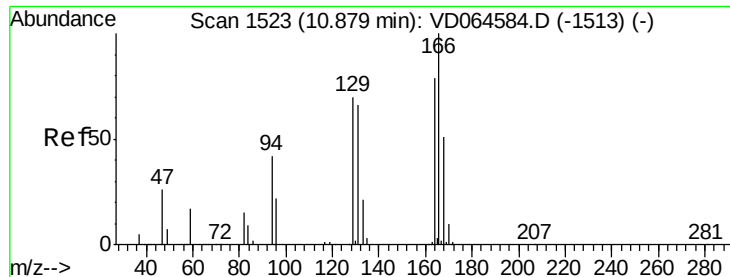


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

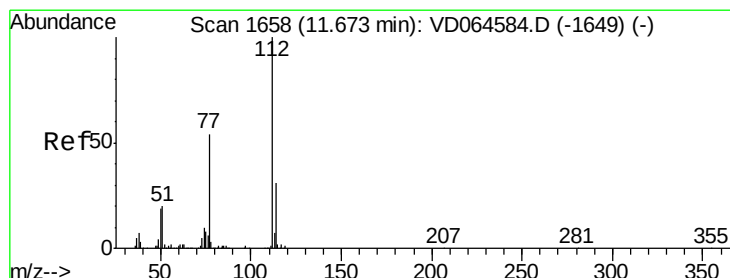
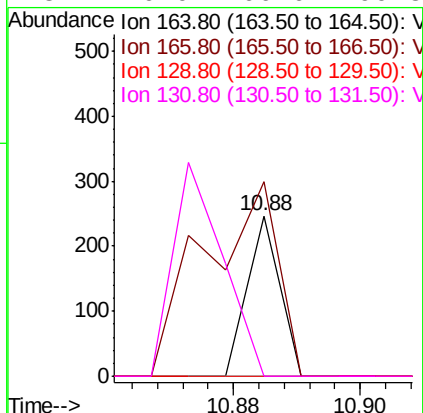
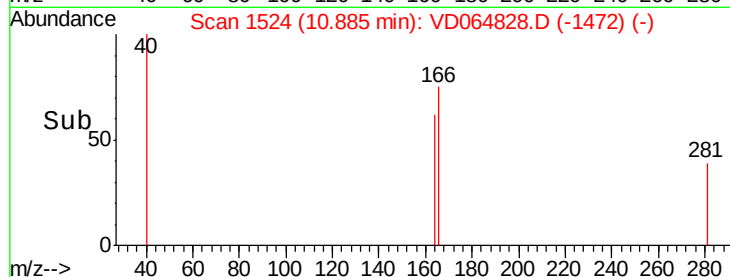
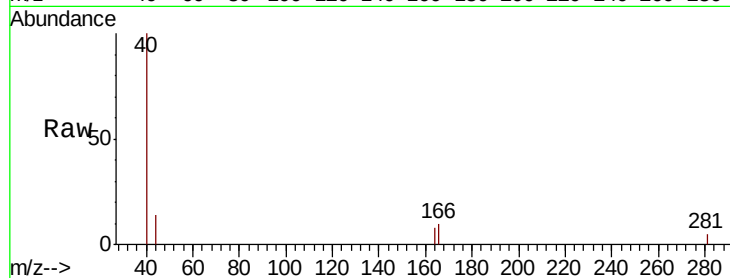




#64
Tetrachloroethene
Concen: 1.030 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

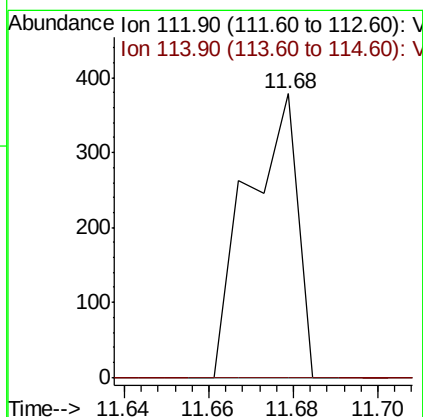
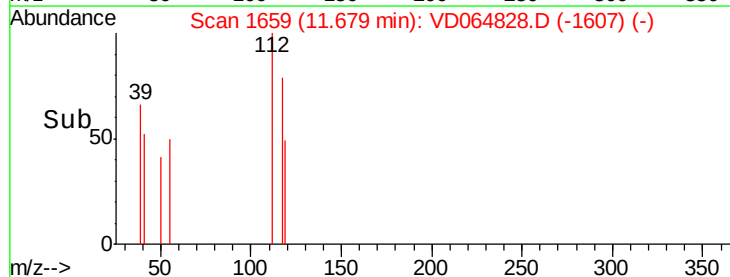
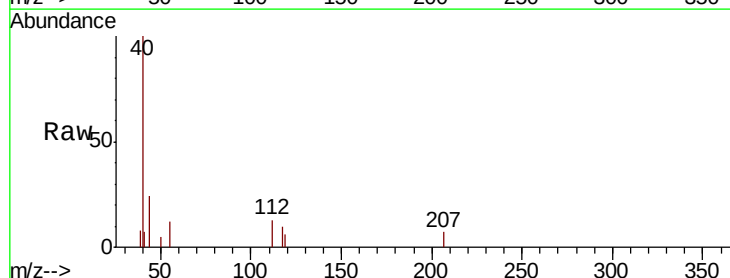
Instrument :
MSVOA_D
ClientSampled :

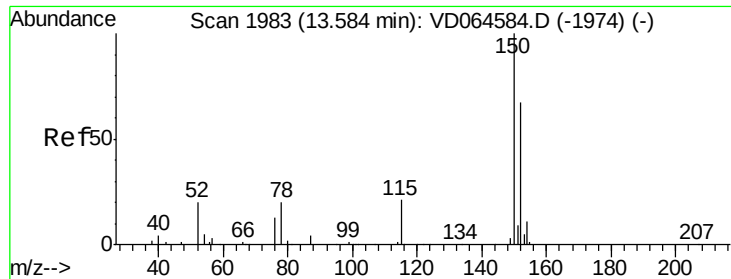
Tot Ion	Ratio	Lower	Upper
164	100		
166	121.1	101.3	151.9
129	0.0	70.5	105.7#
131	0.0	66.6	99.8#



#65
Chlorobenzene
Concen: 1.369 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

Tgt Ion	Ratio	Lower	Upper
112	100		
114	0.0	24.8	37.2#



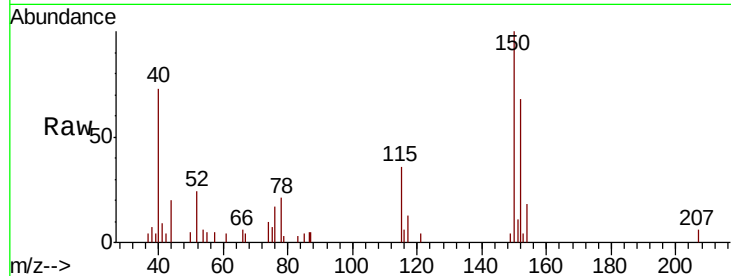


#72

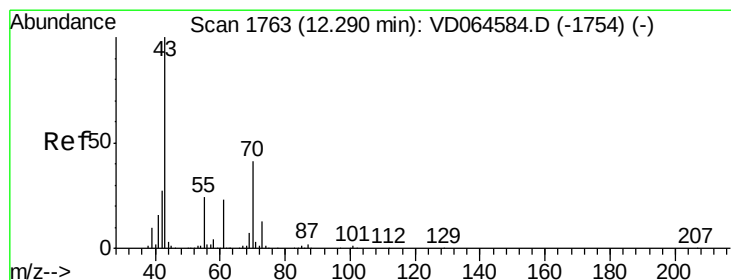
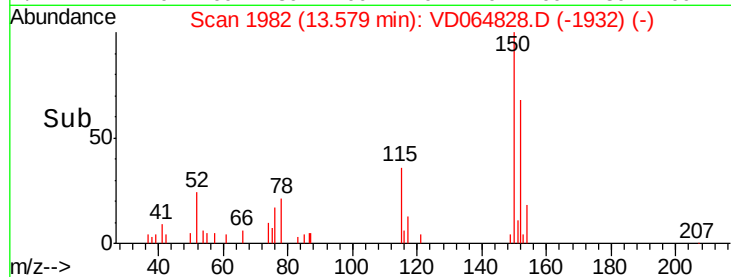
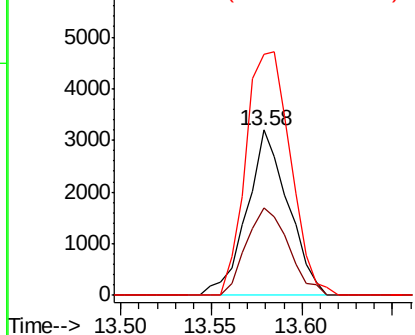
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 5071
Ion Ratio Lower Upper
152 100
115 54.1 27.8 83.4
150 158.9 0.0 351.4



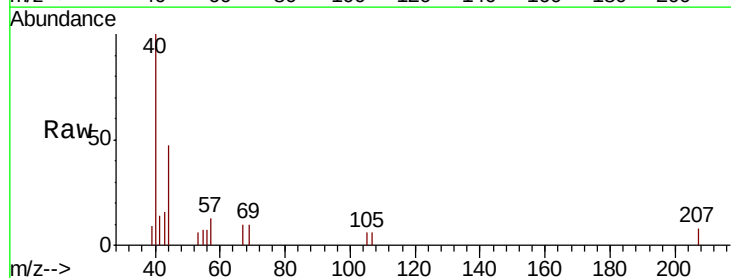
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



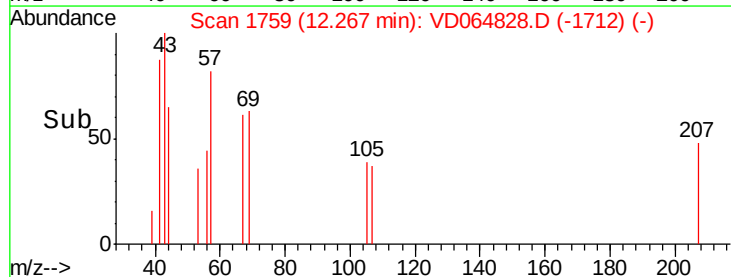
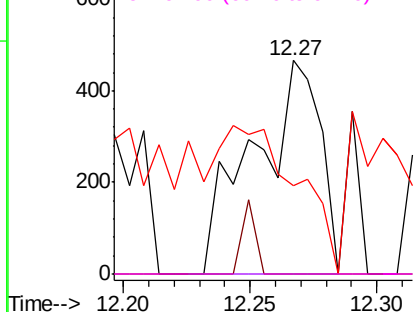
#74

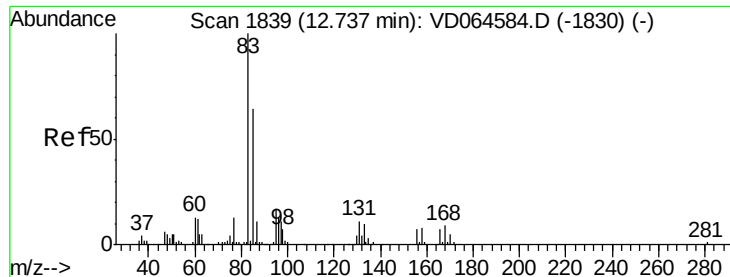
N-aryl acetate
Concen: 11.024 ug/l
RT: 12.27 min Scan# 1759
Delta R.T. -0.02 min
Lab File: VD064828.D
Acq: 09 Jan 2020 20:48

Tgt Ion: 43 Resp: 854
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.0#
55 0.0 19.4 29.0#
61 0.0 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 70.00 (69.70 to 70.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 1.142 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

Instrument :

MSVOA_D

ClientSampleId :

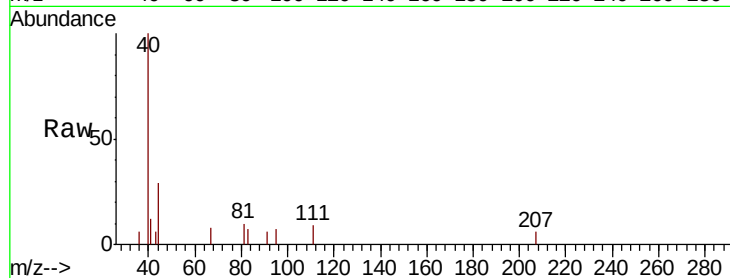
Tot Ion: 83 Resp: 65

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

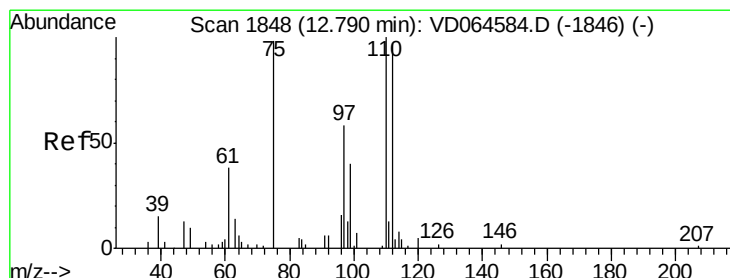
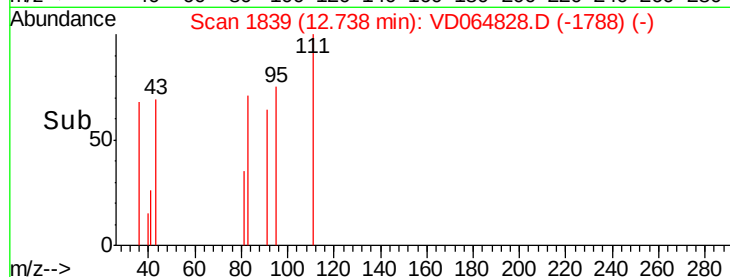
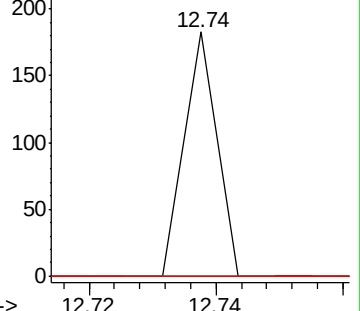
85 0.0 32.3 96.9#



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: 64.155 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064828.D

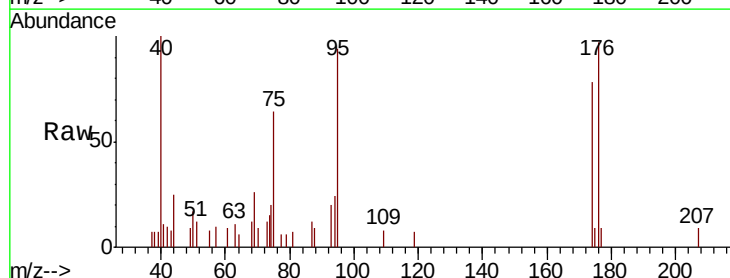
Acq: 09 Jan 2020 20:48

Tgt Ion: 75 Resp: 2569

Ion Ratio Lower Upper

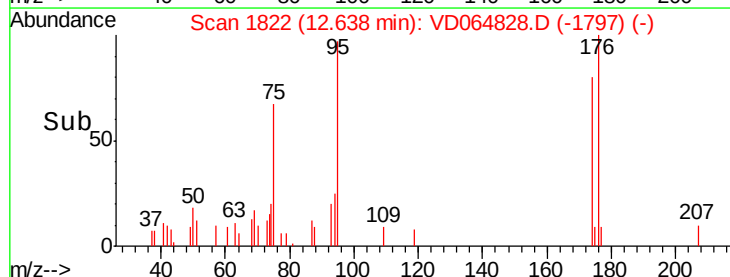
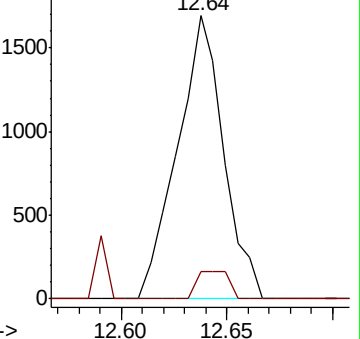
75 100

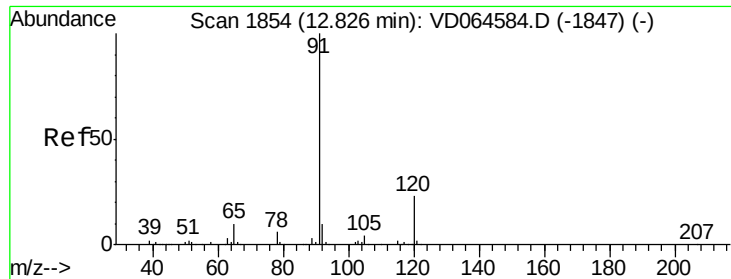
77 6.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#78

n-propylbenzene

Concen: 1.455 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

Instrument :

MSVOA_D

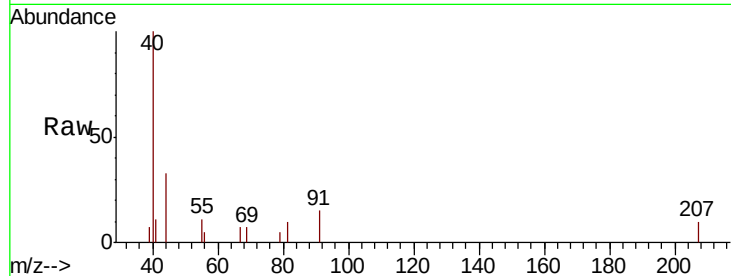
ClientSampleId :

Tot Ion: 91 Resp: 615

Ion Ratio Lower Upper

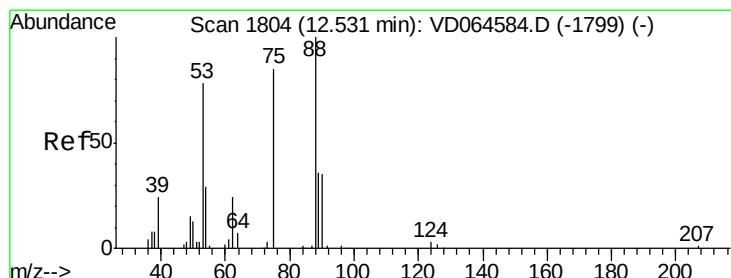
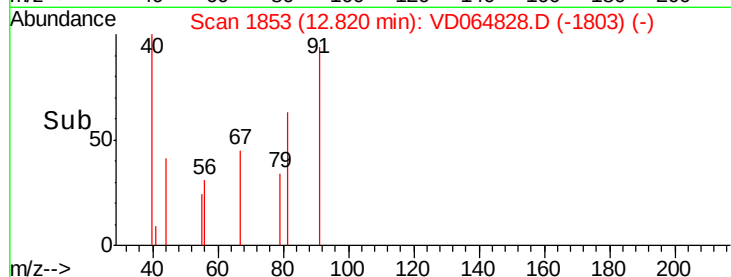
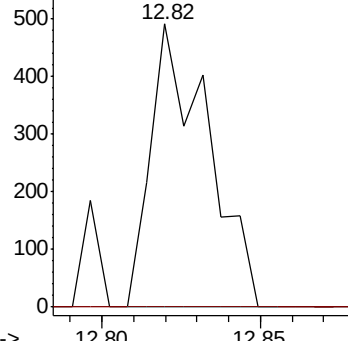
91 100

120 0.0 11.9 35.9#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 134.178 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

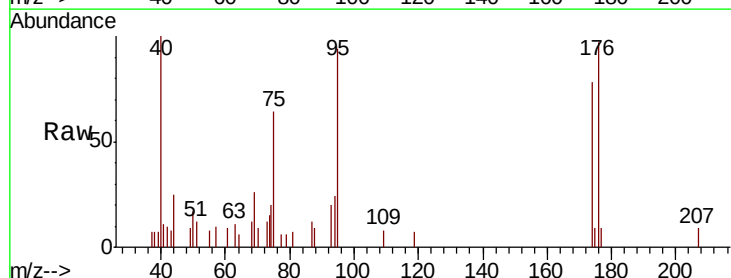
Tgt Ion: 75 Resp: 2569

Ion Ratio Lower Upper

75 100

53 4.6 78.8 118.2#

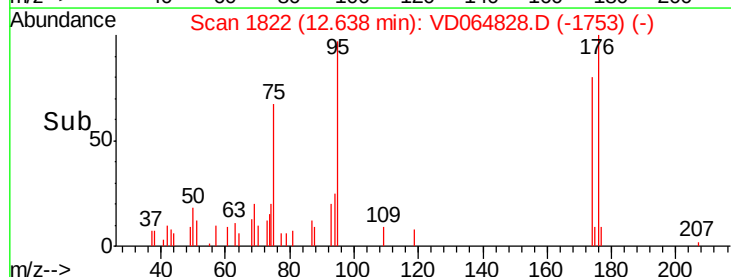
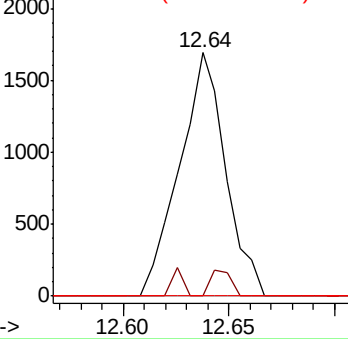
89 0.0 38.3 57.5#

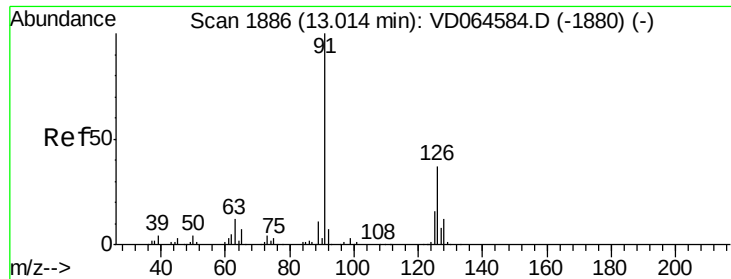


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#82

4-Chlorotoluene

Concen: 1.659 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

Instrument :

MSVOA_D

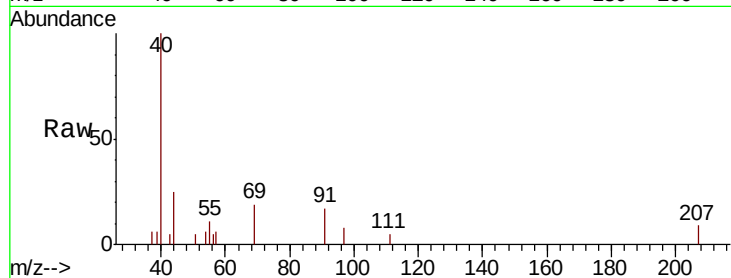
ClientSampleId :

Tot Ion: 91 Resp: 410

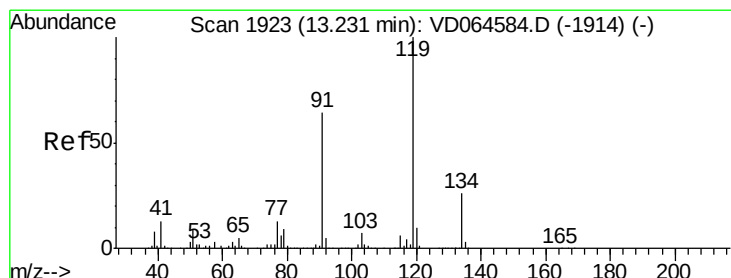
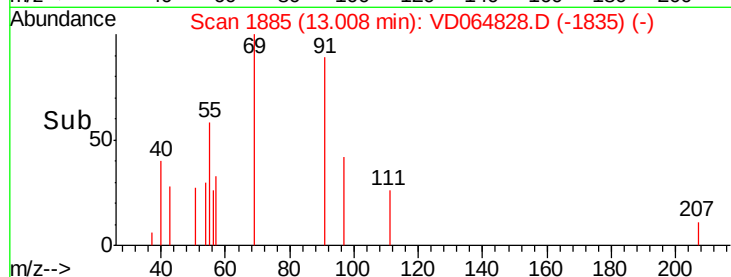
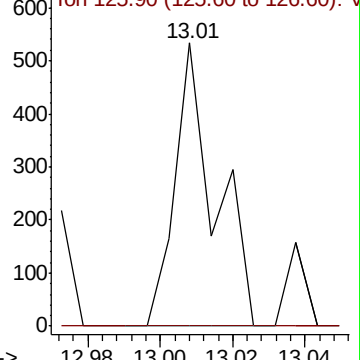
Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.5#



Abundance Ion 91.00 (90.70 to 91.70): VD064584.D (-1880) (-)



#83

tert-Butylbenzene

Concen: 1.358 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

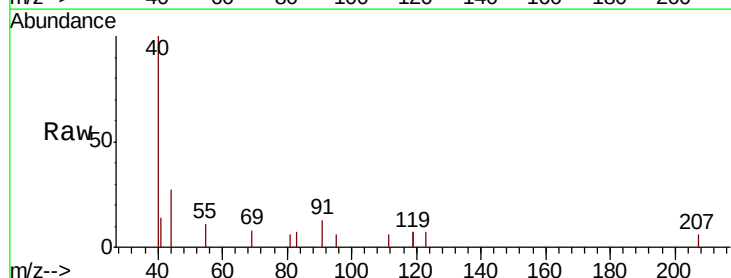
Tgt Ion: 119 Resp: 351

Ion Ratio Lower Upper

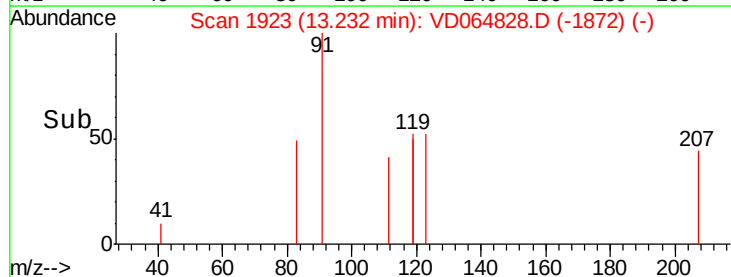
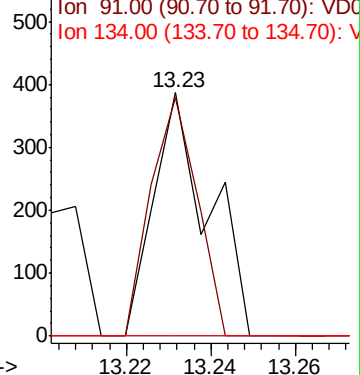
119 100

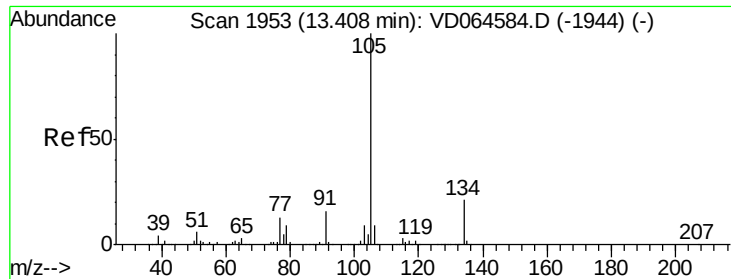
91 82.1 30.8 92.4

134 0.0 12.8 38.3#



Abundance Ion 119.00 (118.70 to 119.70): VD064584.D (-1914) (-)





#85

sec-Butylbenzene

Concen: 1.504 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

Instrument :

MSVOA_D

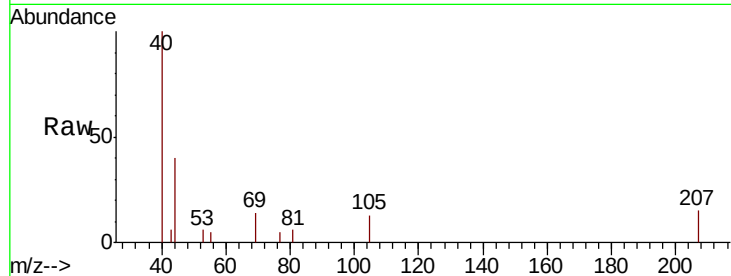
ClientSampleId :

Tot Ion: 105 Resp: 533

Ion Ratio Lower Upper

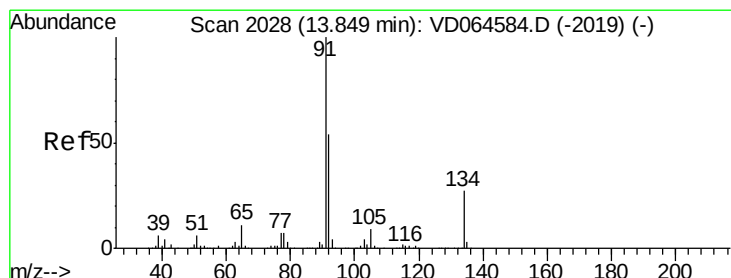
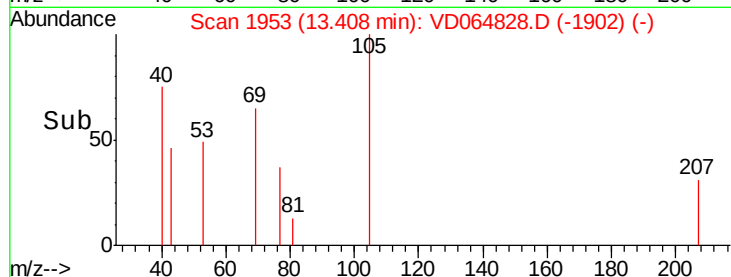
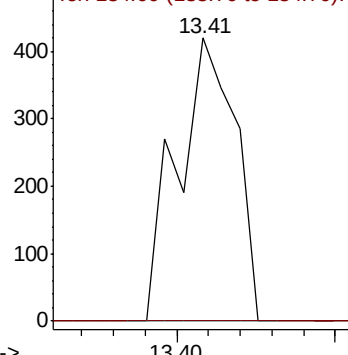
105 100

134 0.0 10.6 31.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 2.714 ug/l

RT: 13.86 min Scan# 2030

Delta R.T. 0.01 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

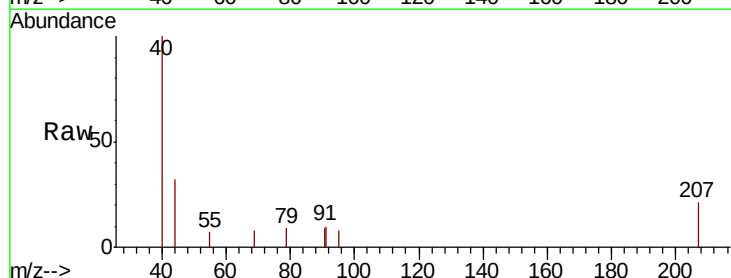
Tgt Ion: 91 Resp: 828

Ion Ratio Lower Upper

91 100

92 17.6 26.8 80.4#

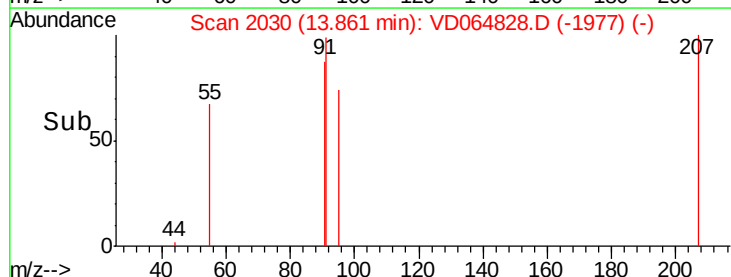
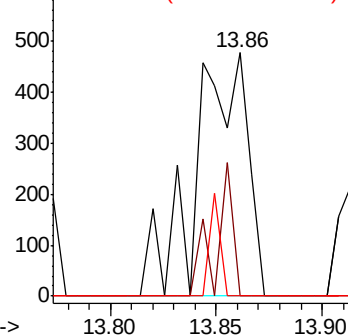
134 8.6 14.0 41.9#

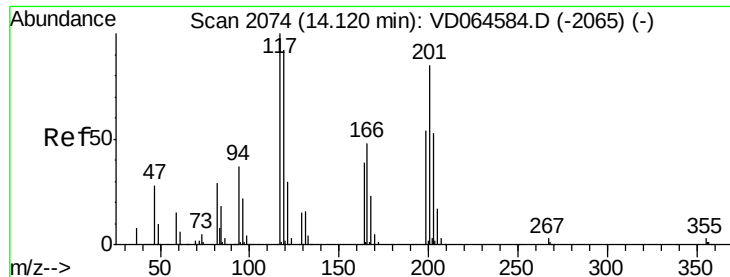


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 2.086 ug/l

RT: 14.23 min Scan# 2093

Delta R.T. 0.11 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

Instrument :

MSVOA_D

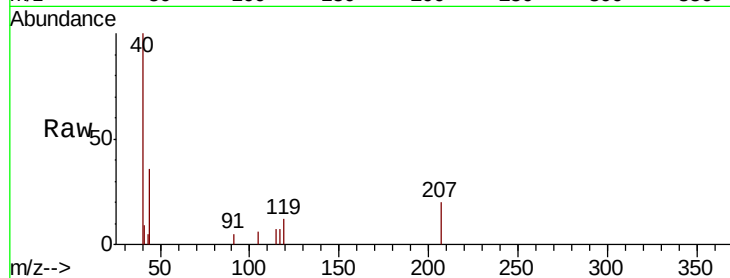
ClientSampleId :

Tot Ion:117 Resp: 135

Ion Ratio Lower Upper

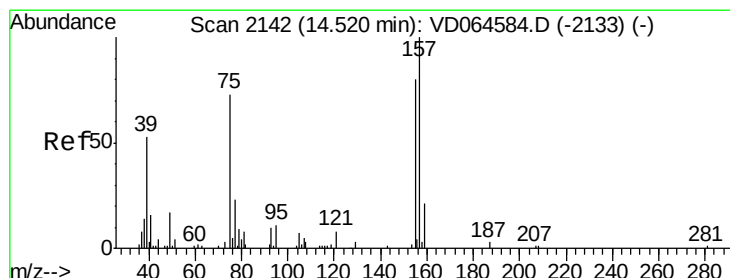
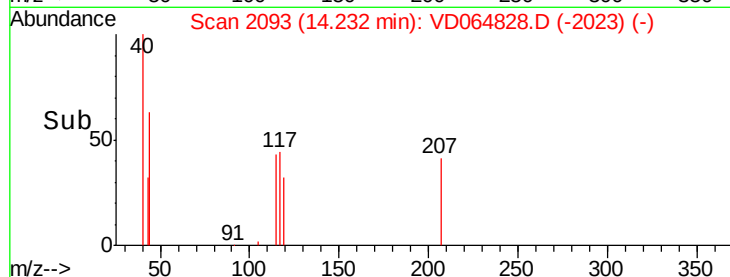
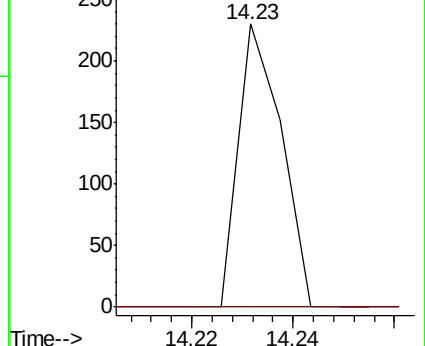
117 100

201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.393 ug/l

RT: 14.57 min Scan# 2150

Delta R.T. 0.05 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

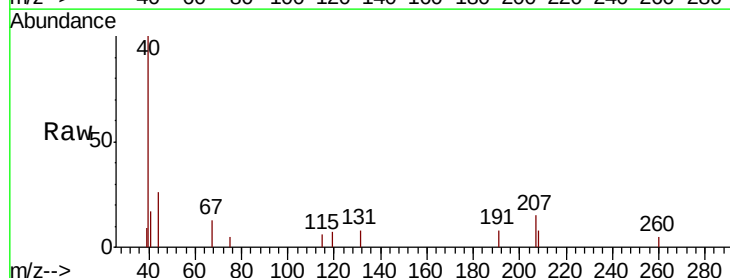
Tgt Ion: 75 Resp: 59

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.0#

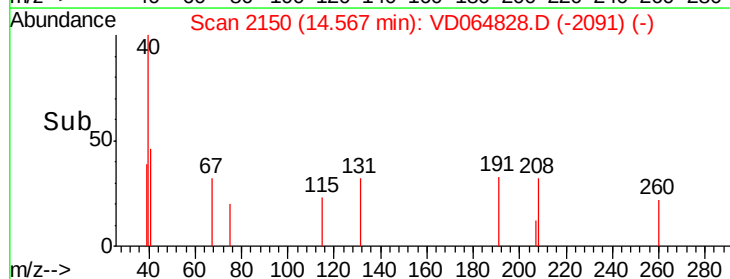
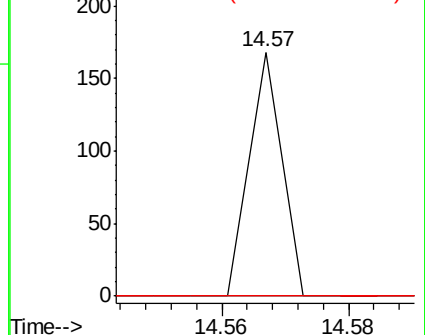
157 0.0 64.1 192.3#

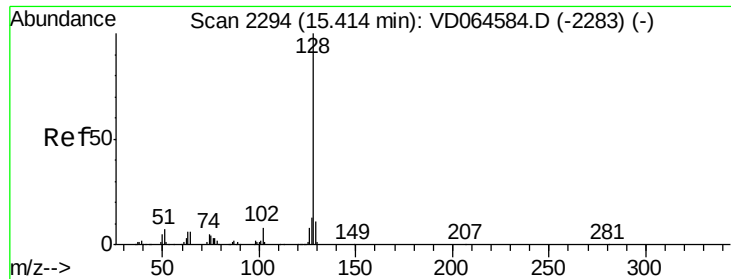


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 1.334 ug/l

RT: 15.40 min Scan# 2291

Delta R.T. -0.02 min

Lab File: VD064828.D

Acq: 09 Jan 2020 20:48

Instrument :

MSVOA_D

ClientSampleId :

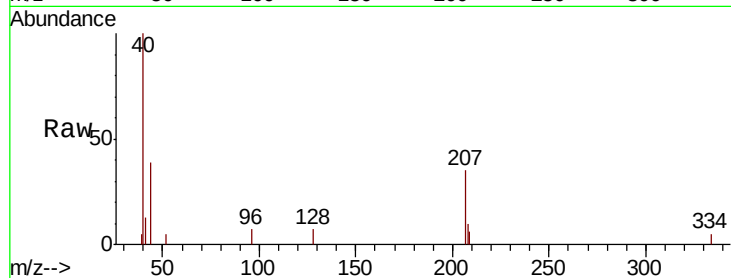
Tot Ion:128 Resp: 225

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

