

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD013020\
 Data File : VD065004.D
 Acq On : 30 Jan 2020 10:50
 Operator : VA/SY
 Sample : VD0130SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBL01

Quant Time: Jan 30 12:32:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	528854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	834282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	813639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	390262	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	259563	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
35) Dibromofluoromethane	7.91	113	259346	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	10.34	98	1012071	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.64	95	352363	56.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.80%	

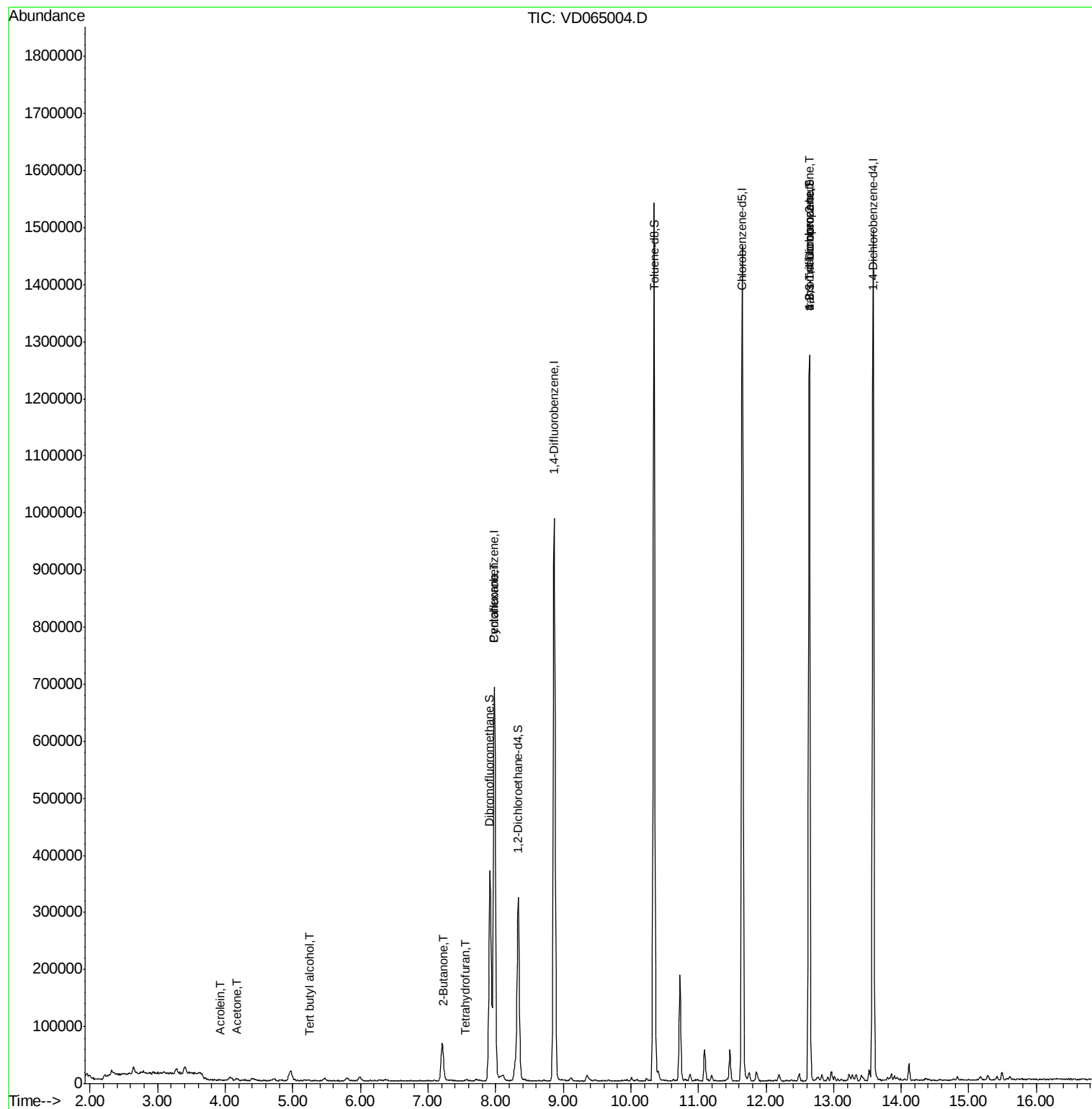
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	908	3.24	ug/l #	74
13) Acrolein	3.92	56	505	1.44	ug/l #	25
16) Acetone	4.17	43	6439	18.11	ug/l #	82
20) Methylene Chloride	4.96	84	12332	Below Cal		98
25) 2-Butanone	7.23	43	4664	3.40	ug/l	99
29) Tetrahydrofuran	7.56	42	1145	1.35	ug/l #	68
31) Cyclohexane	7.98	56	15005	1.70	ug/l #	47
76) 1,2,3-Trichloropropane	12.64	75	189308	58.44	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	189308	124.79	ug/l #	9

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD013020\
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0130SBL01

Quant Time: Jan 30 12:32:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065004.D

Acq: 30 Jan 2020 10:50

Instrument :

MSVOA_D

ClientSampleId :

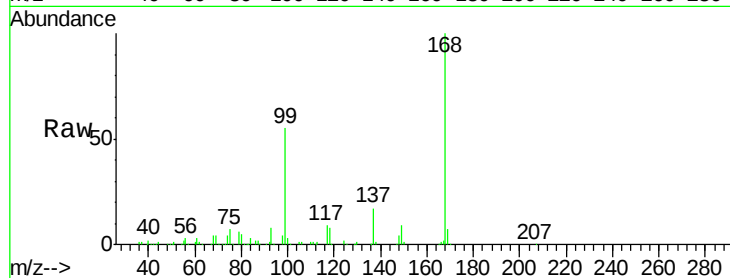
VD0130SBL01

Tgt Ion:168 Resp: 528854

Ion Ratio Lower Upper

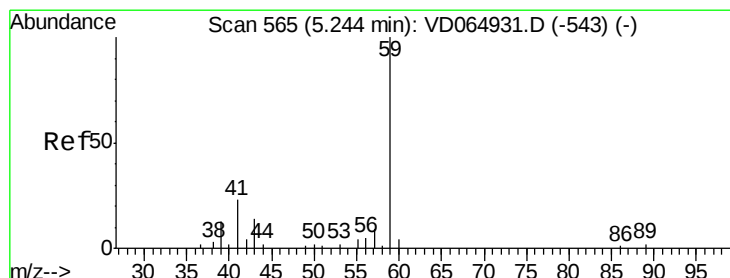
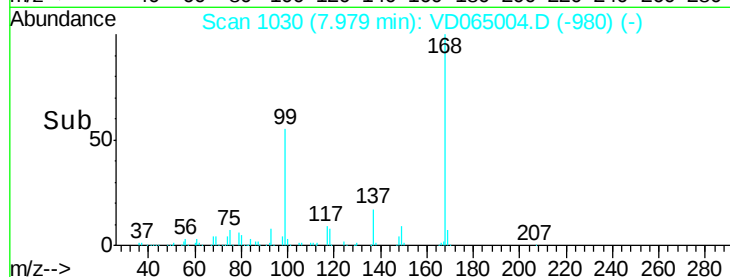
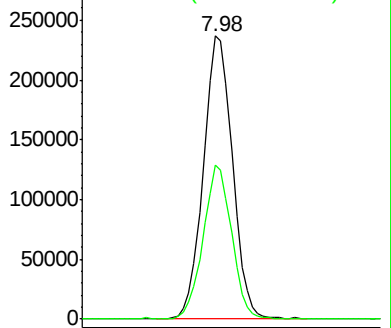
168 100

99 54.5 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 3.24 ug/l

RT: 5.24 min Scan# 564

Delta R.T. -0.01 min

Lab File: VD065004.D

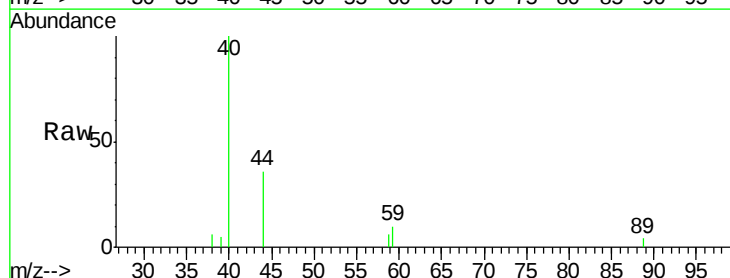
Acq: 30 Jan 2020 10:50

Tgt Ion: 59 Resp: 908

Ion Ratio Lower Upper

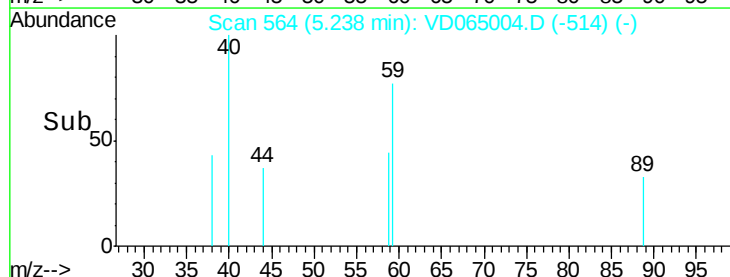
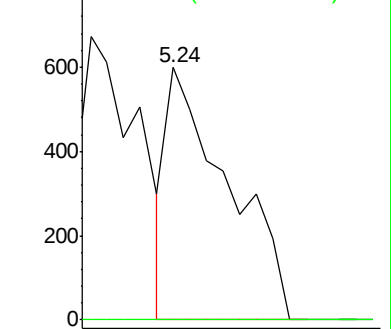
59 100

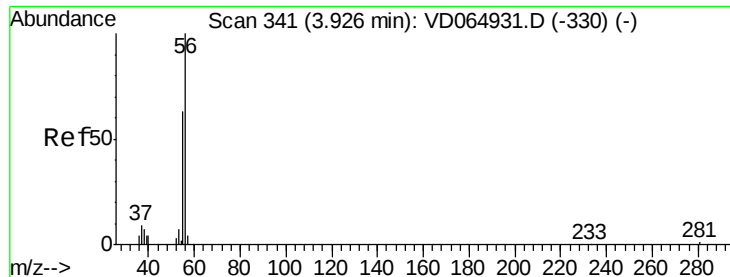
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#13

Acrolein

Concen: 1.44 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065004.D

Acq: 30 Jan 2020 10:50

Instrument :

MSVOA_D

ClientSampleId :

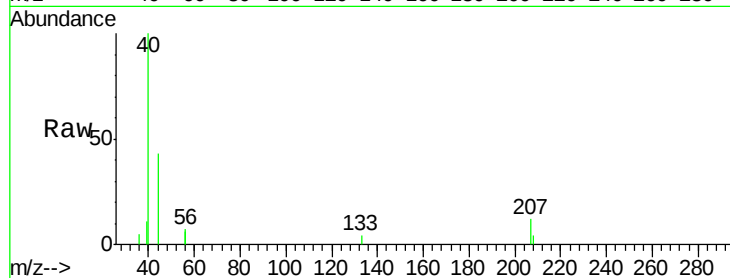
VD0130SBL01

Tgt Ion: 56 Resp: 505

Ion Ratio Lower Upper

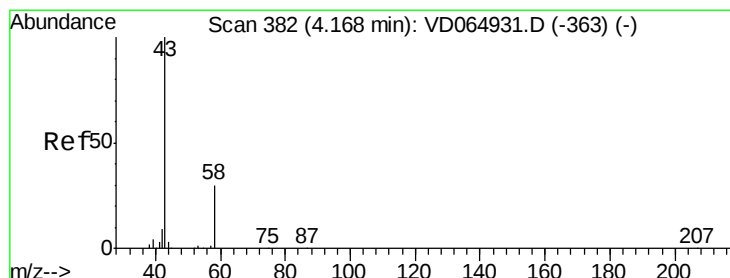
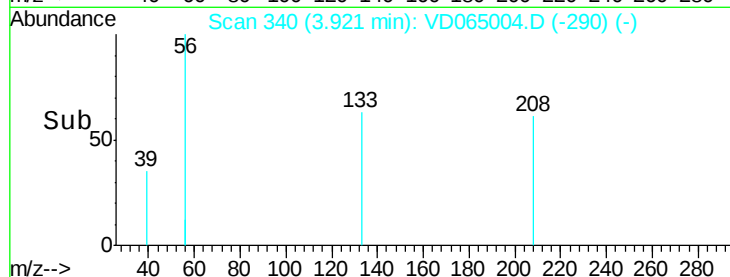
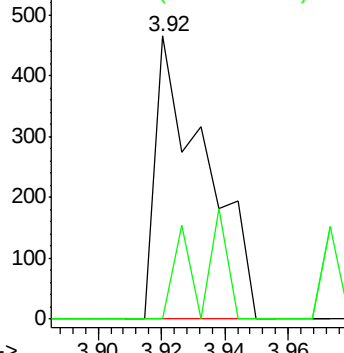
56 100

55 10.9 59.7 89.5#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 18.11 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065004.D

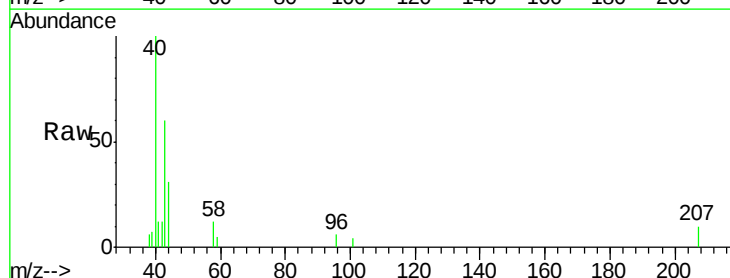
Acq: 30 Jan 2020 10:50

Tgt Ion: 43 Resp: 6439

Ion Ratio Lower Upper

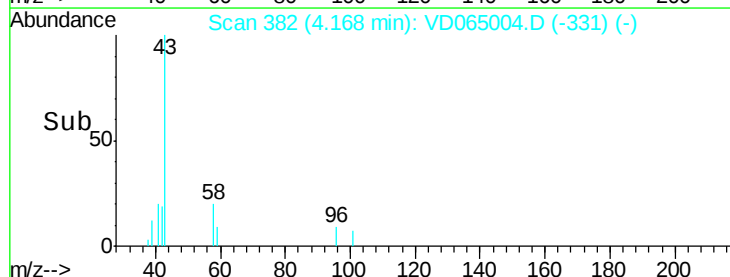
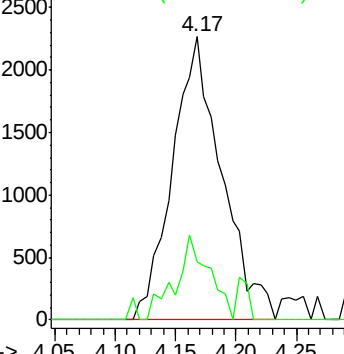
43 100

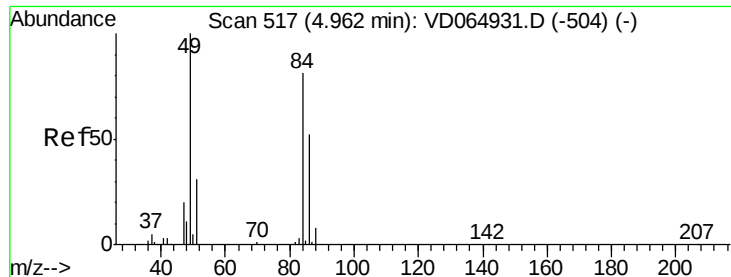
58 20.3 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

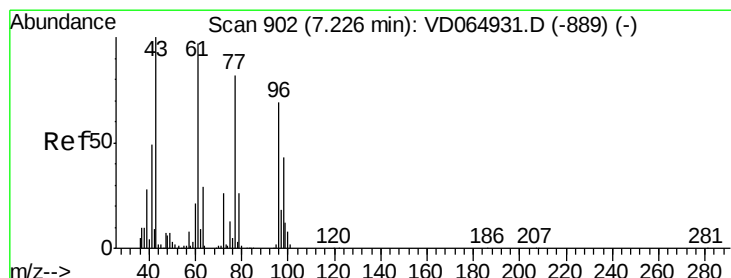
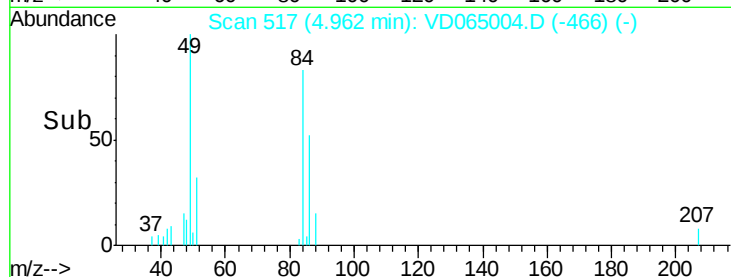
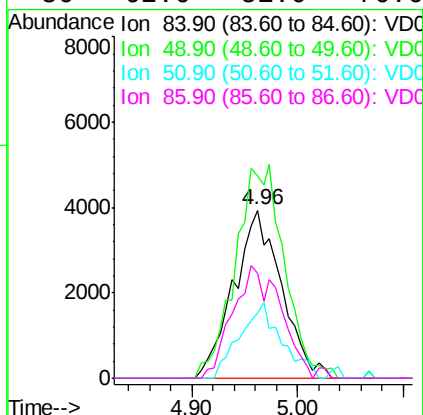
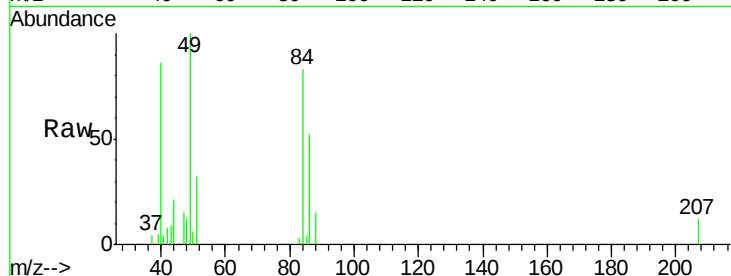




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065004.D
Acq: 30 Jan 2020 10:50

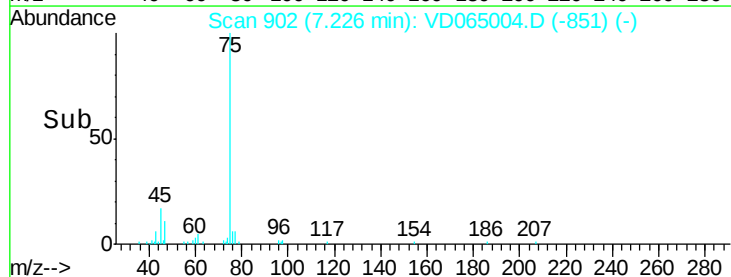
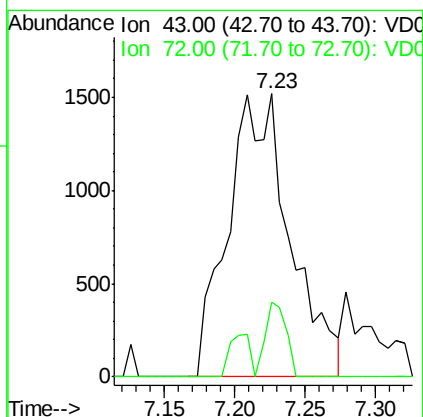
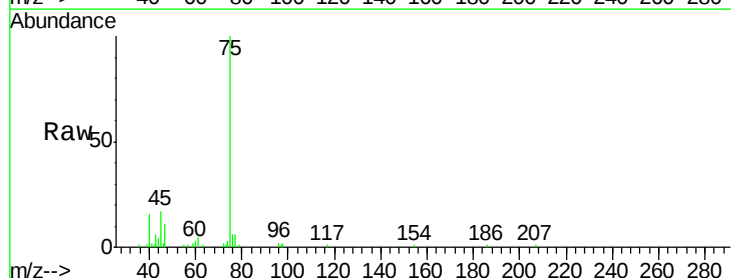
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBL01

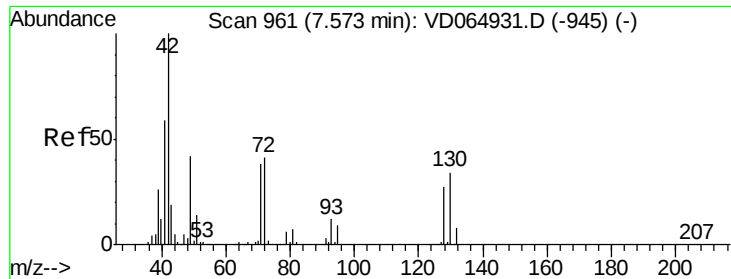
Tgt Ion:	84	Resp:	12332
Ion	Ratio	Lower	Upper
84	100		
49	120.5	98.4	147.6
51	38.9	30.8	46.2
86	62.6	51.0	76.6



#25
2-Butanone
Concen: 3.40 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.00 min
Lab File: VD065004.D
Acq: 30 Jan 2020 10:50

Tgt Ion:	43	Resp:	4664
Ion	Ratio	Lower	Upper
43	100		
72	26.3	20.6	31.0

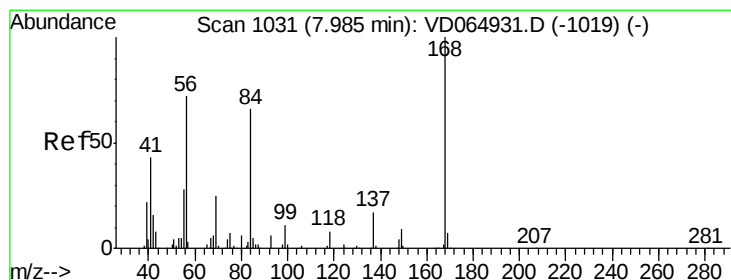
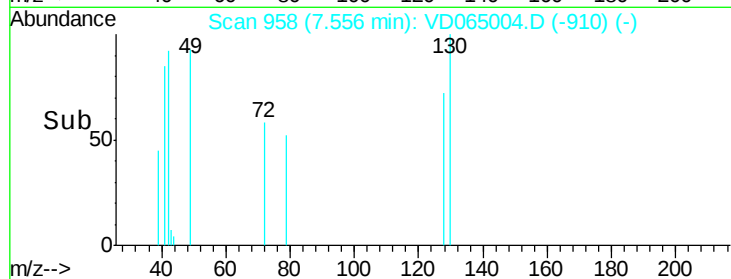
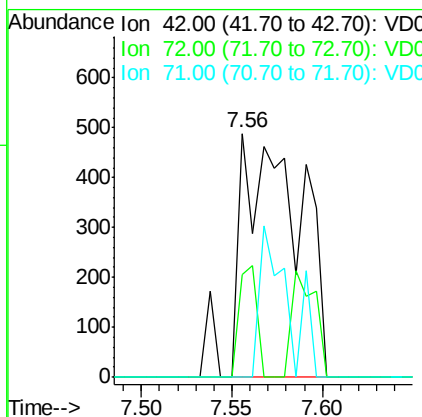
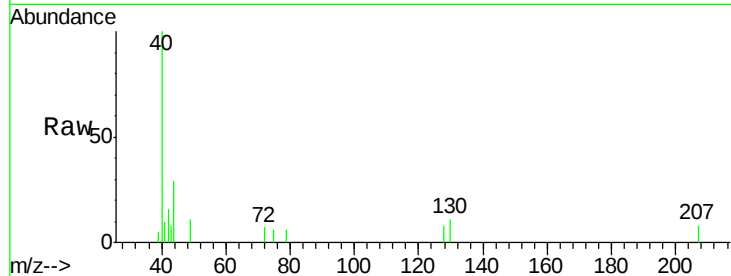




#29
Tetrahydrofuran
Concen: 1.35 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.02 min
Lab File: VD065004.D
Acq: 30 Jan 2020 10:50

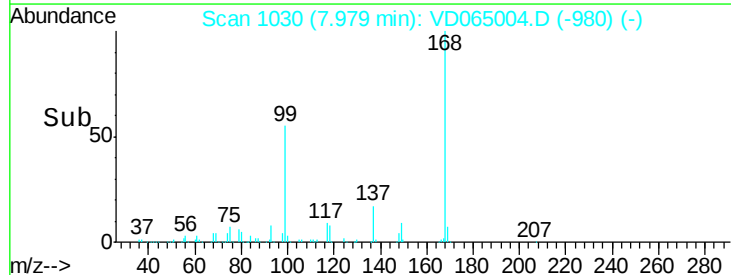
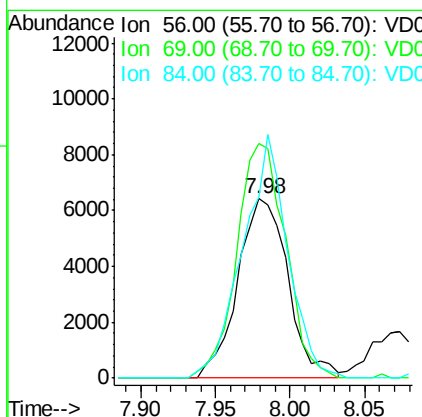
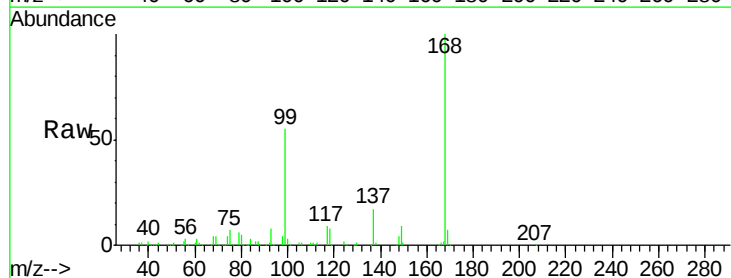
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBL01

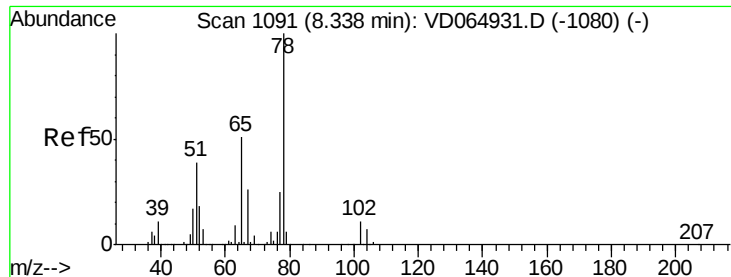
Tgt Ion: 42 Resp: 1145
Ion Ratio Lower Upper
42 100
72 13.3 34.0 51.0#
71 29.0 31.5 47.3#



#31
Cyclohexane
Concen: 1.70 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065004.D
Acq: 30 Jan 2020 10:50

Tgt Ion: 56 Resp: 15005
Ion Ratio Lower Upper
56 100
69 130.7 27.9 41.9#
84 100.9 72.8 109.2

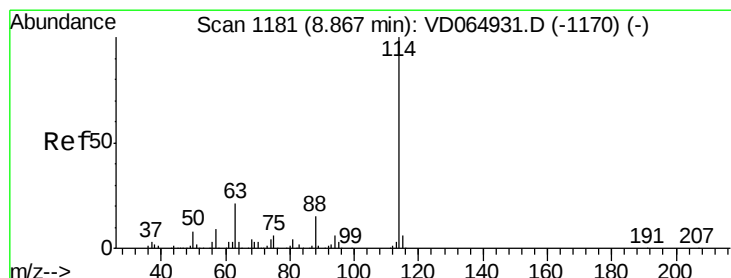
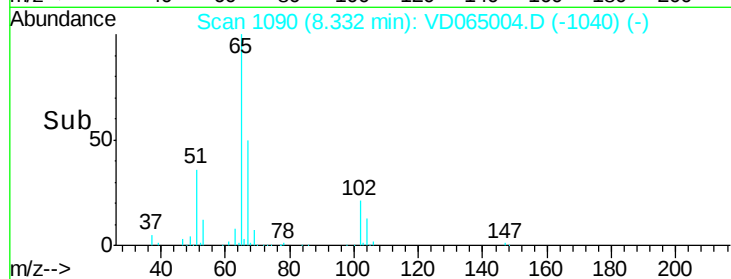
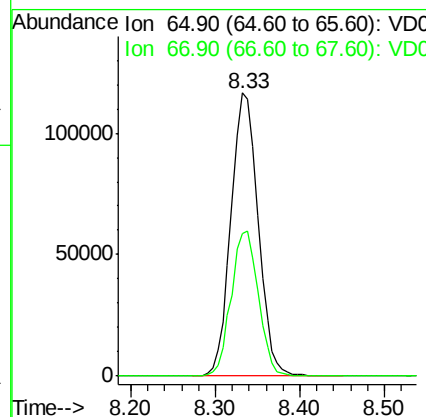
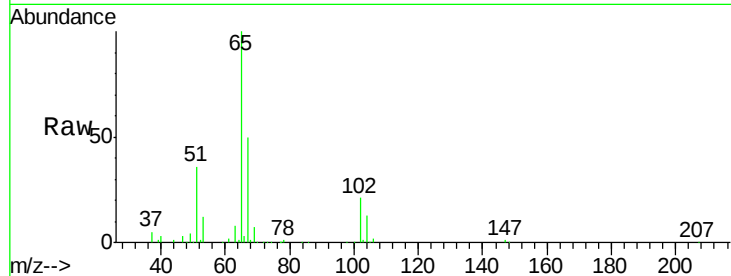




#33
 1,2-Dichloroethane-d4
 Concen: 51.17 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065004.D
 Acq: 30 Jan 2020 10:50

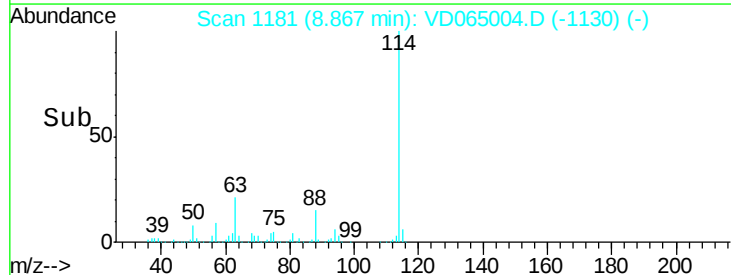
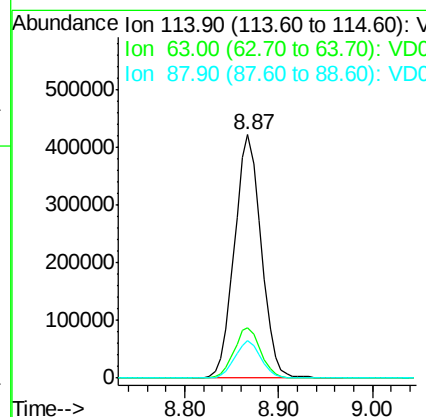
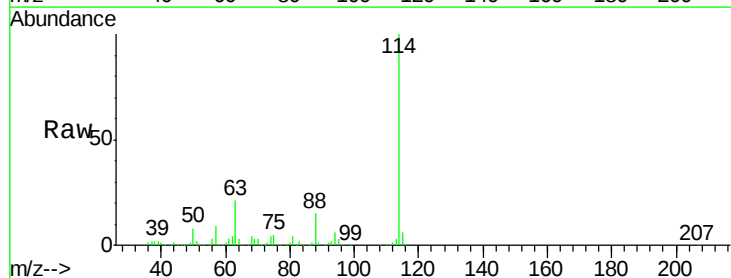
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBL01

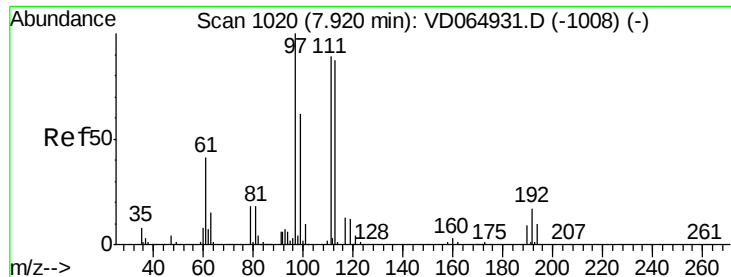
Tgt Ion: 65 Resp: 259563
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065004.D
 Acq: 30 Jan 2020 10:50

Tgt Ion: 114 Resp: 834282
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.0
 88 15.4 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.47 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065004.D

Acq: 30 Jan 2020 10:50

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBL01

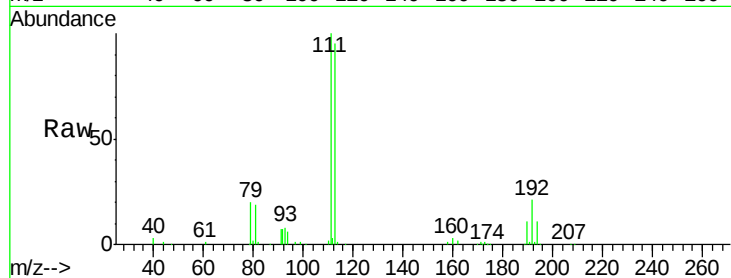
Tgt Ion:113 Resp: 259346

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

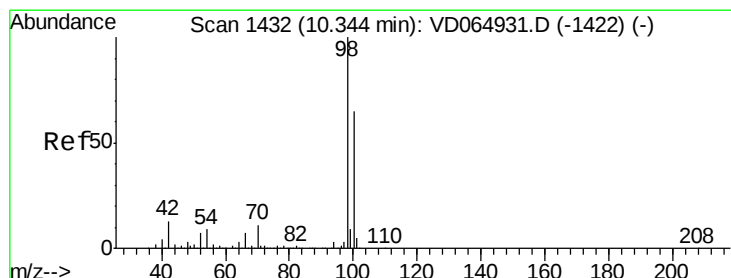
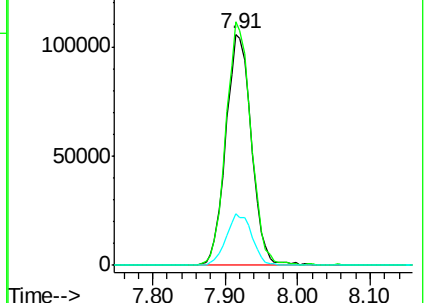
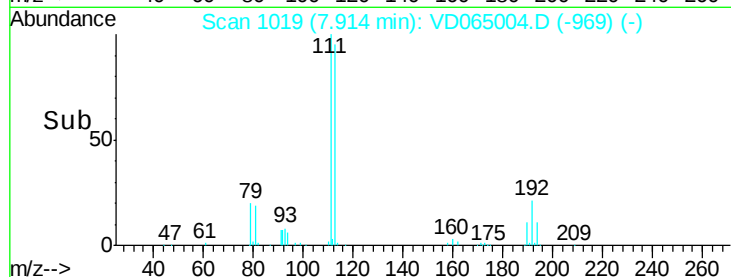
192 22.2 16.9 25.3



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



#50

Toluene-d8

Concen: 50.02 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065004.D

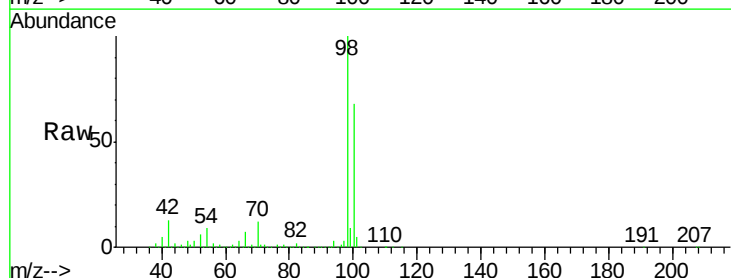
Acq: 30 Jan 2020 10:50

Tgt Ion: 98 Resp: 1012071

Ion Ratio Lower Upper

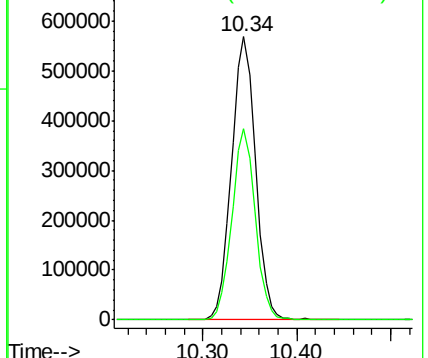
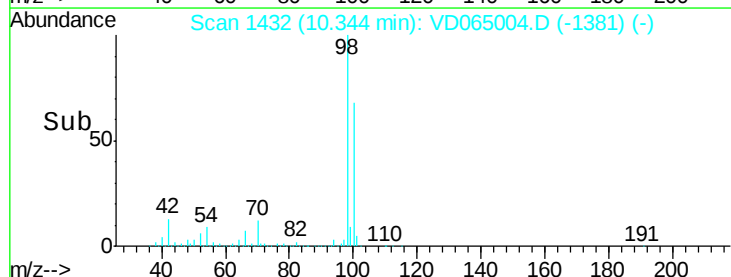
98 100

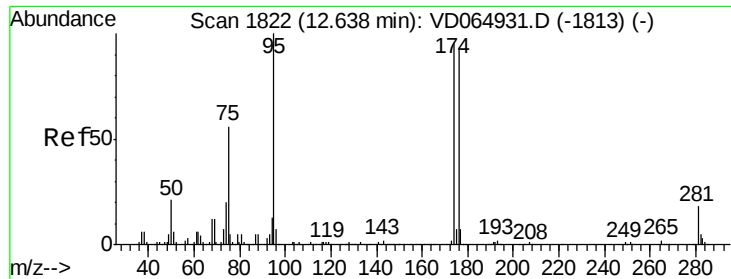
100 65.5 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 56.90 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065004.D

Acq: 30 Jan 2020 10:50

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBL01

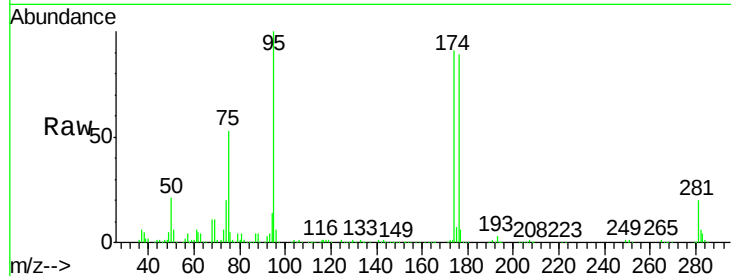
Tgt Ion: 95 Resp: 352363

Ion Ratio Lower Upper

95 100

174 91.8 0.0 186.8

176 87.4 0.0 183.4



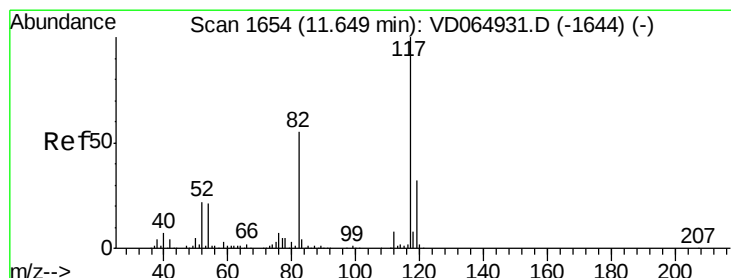
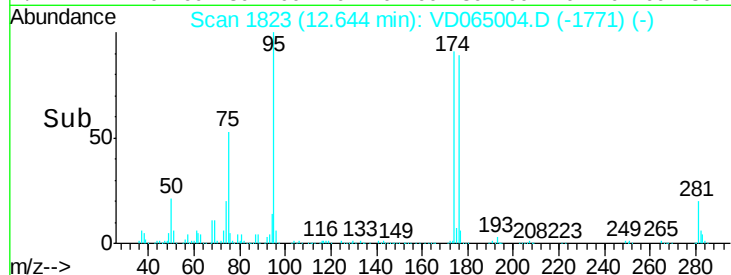
Abundance Ion 94.90 (94.60 to 95.60): VD064931.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD064931.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD064931.D (-1813) (-)

Time-->

12.64



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065004.D

Acq: 30 Jan 2020 10:50

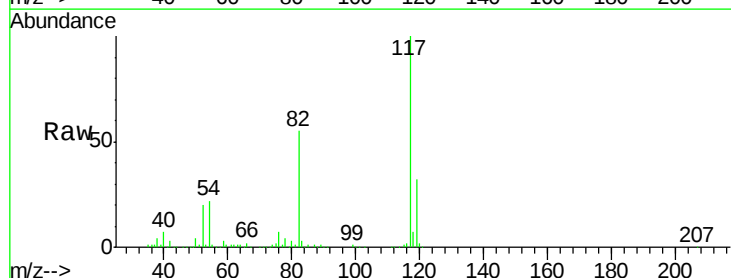
Tgt Ion: 117 Resp: 813639

Ion Ratio Lower Upper

117 100

82 54.9 43.6 65.4

119 31.5 25.2 37.8



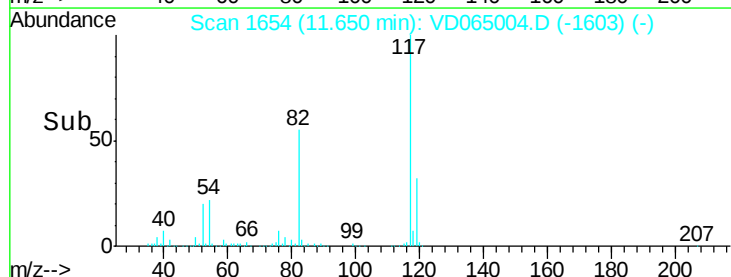
Abundance Ion 116.90 (116.60 to 117.60): VD064931.D (-1644) (-)

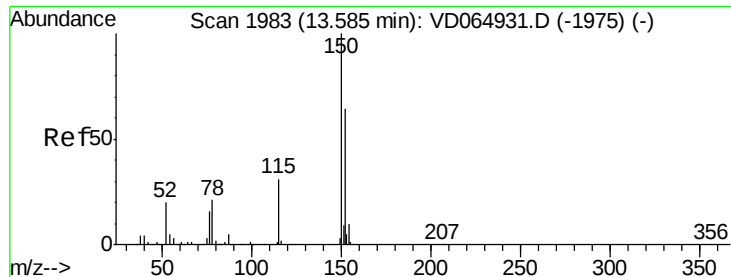
Ion 82.00 (81.70 to 82.70): VD064931.D (-1644) (-)

Ion 118.90 (118.60 to 119.60): VD064931.D (-1644) (-)

Time-->

11.65





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065004.D

Acq: 30 Jan 2020 10:50

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBL01

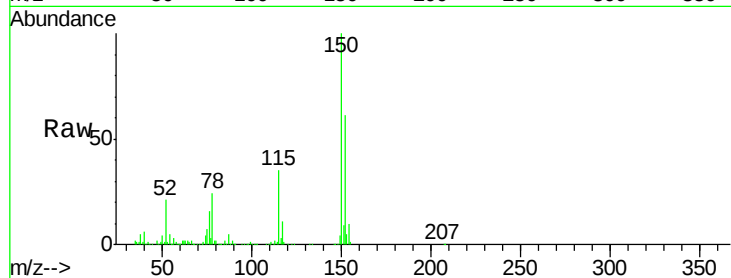
Tgt Ion:152 Resp: 390262

Ion Ratio Lower Upper

152 100

115 56.9 28.1 84.4

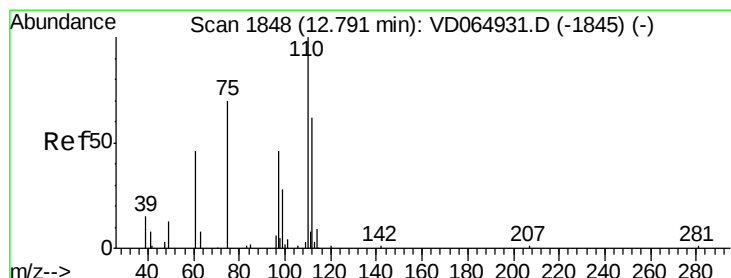
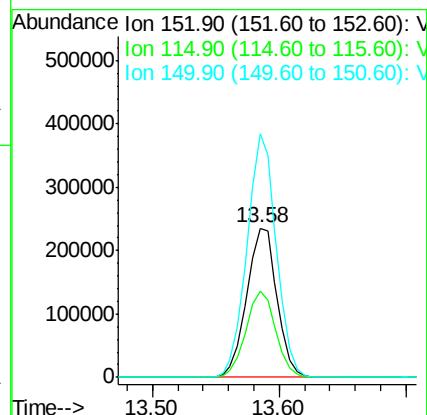
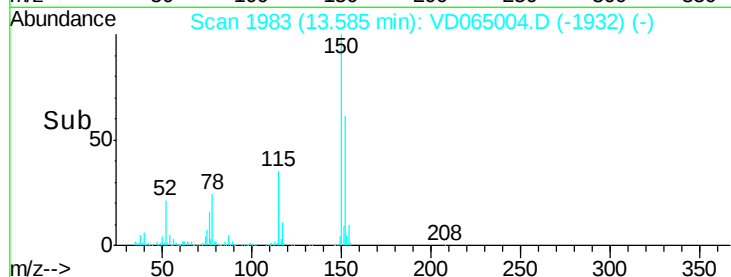
150 157.7 0.0 350.4



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



#76

1,2,3-Trichloropropane

Concen: 58.44 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065004.D

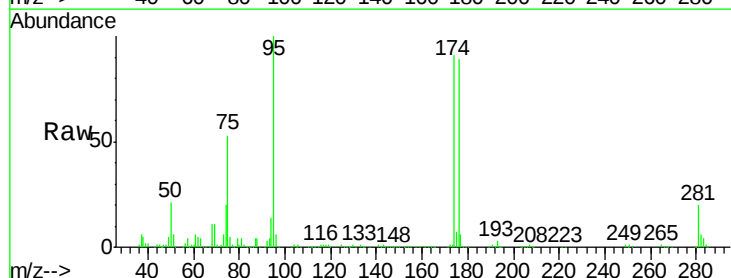
Acq: 30 Jan 2020 10:50

Tgt Ion: 75 Resp: 189308

Ion Ratio Lower Upper

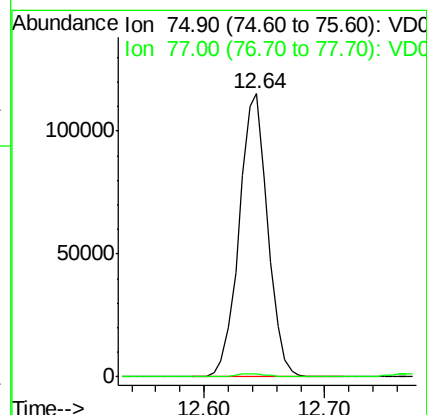
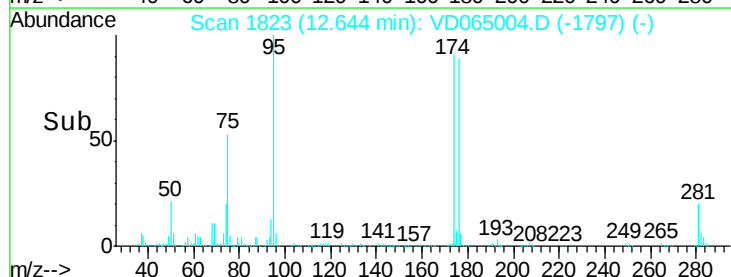
75 100

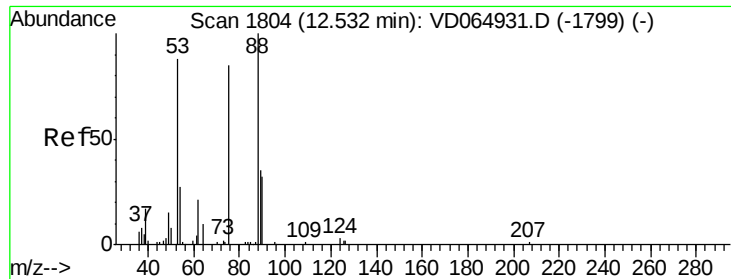
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 124.79 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065004.D

Acq: 30 Jan 2020 10:50

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBL01

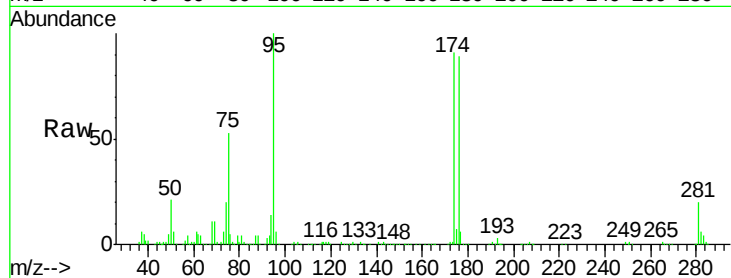
Tgt Ion: 75 Resp: 189308

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.4#

89 0.2 36.2 54.4#



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

