

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD011320\
 Data File : VD064842.D
 Acq On : 13 Jan 2020 11:39
 Operator : VA/SY
 Sample : VD0113SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0113SBL01

Quant Time: Jan 14 11:31:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

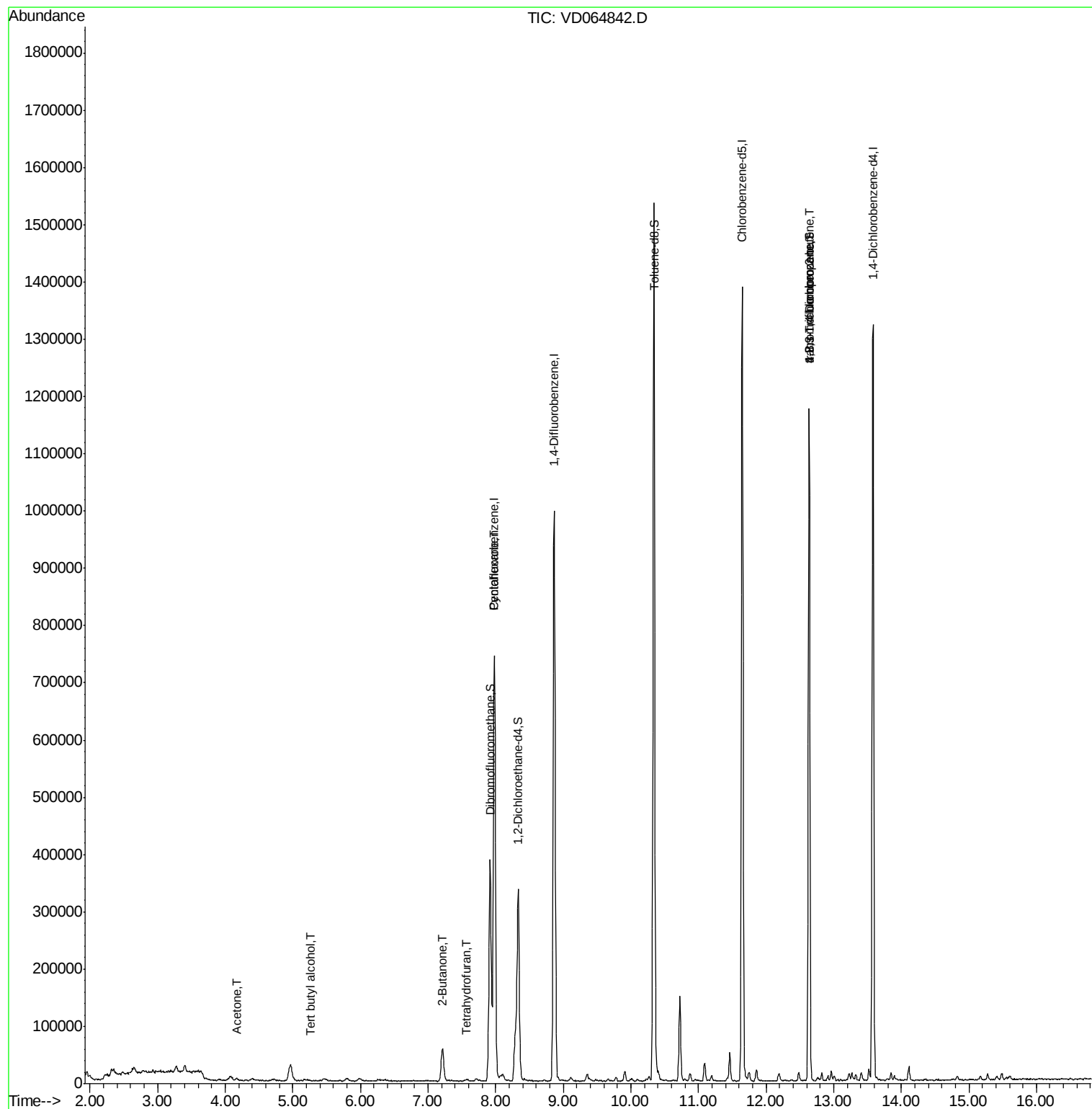
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	570050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	854315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	772207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	359771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	264867	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
35) Dibromofluoromethane	7.92	113	261408	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	10.34	98	1024813	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.64	95	318852	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.26	59	385	1.336	ug/l #	70
16) Acetone	4.17	43	5888	9.086	ug/l #	85
20) Methylene Chloride	4.96	84	21647	Below Cal		90
25) 2-Butanone	7.20	43	2202	1.594	ug/l	95
29) Tetrahydrofuran	7.57	42	1609	1.873	ug/l #	93
31) Cyclohexane	7.98	56	16513	1.762	ug/l #	28
76) 1,2,3-Trichloropropane	12.64	75	173156	60.950	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	173156	127.474	ug/l #	10

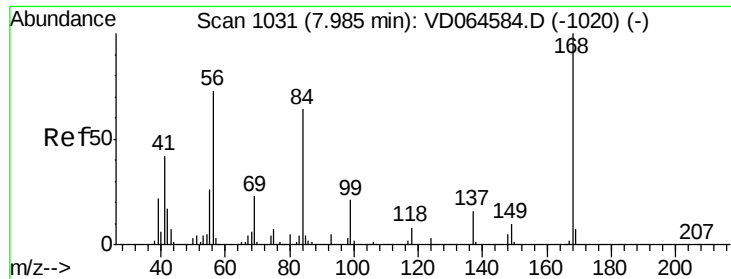
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD011320\
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ClientSampleId :
VD0113SBL01

Quant Time: Jan 14 11:31:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064842.D

Acq: 13 Jan 2020 11:39

Instrument :

MSVOA_D

ClientSampleId :

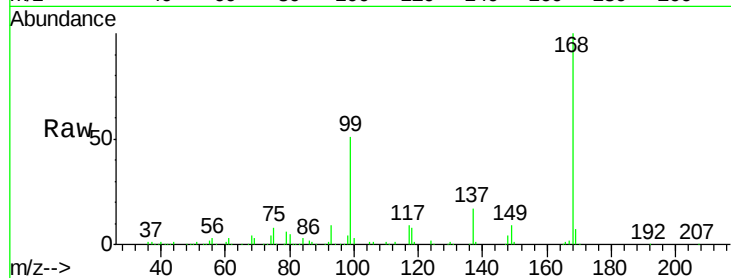
VD0113SBL01

Tgt Ion:168 Resp: 570050

Ion Ratio Lower Upper

168 100

99 50.8 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

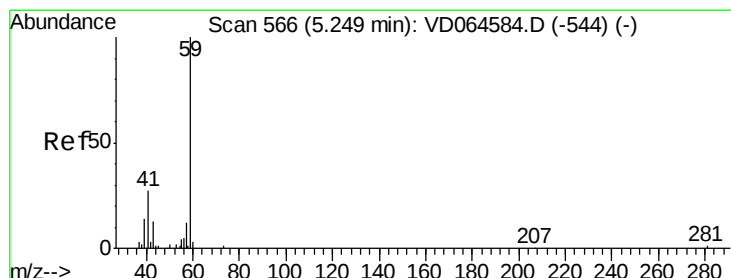
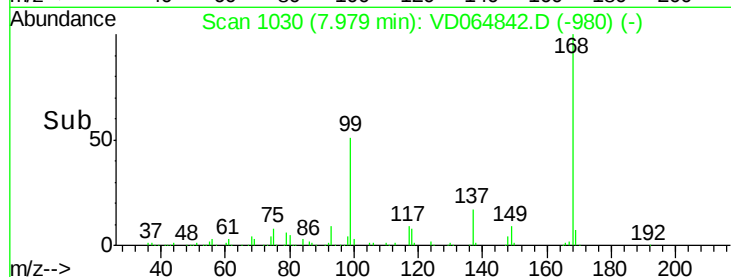
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.336 ug/l

RT: 5.26 min Scan# 568

Delta R.T. 0.01 min

Lab File: VD064842.D

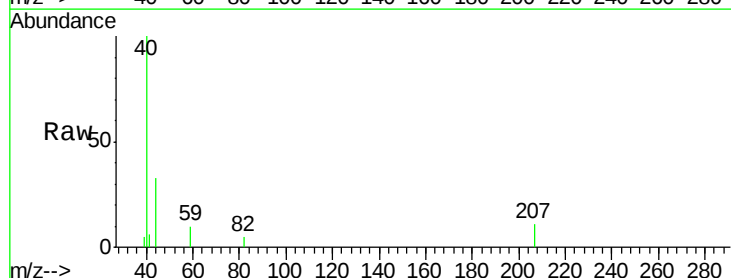
Acq: 13 Jan 2020 11:39

Tgt Ion: 59 Resp: 385

Ion Ratio Lower Upper

59 100

57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.26

500

400

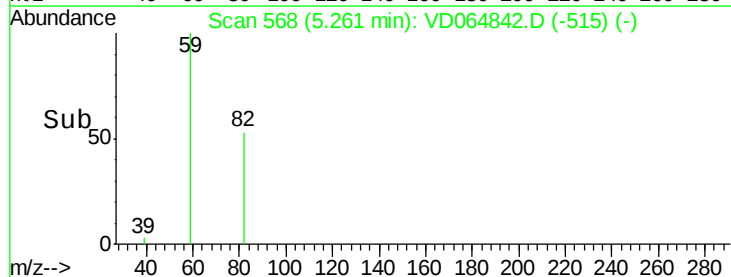
300

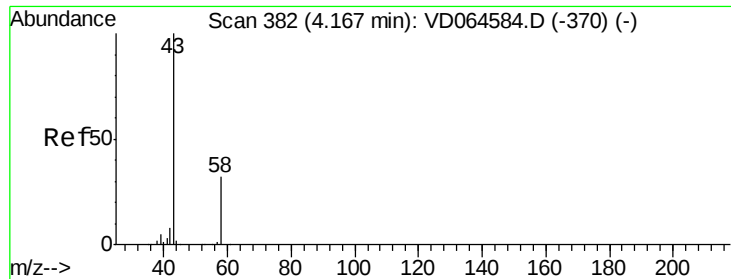
200

100

0

Time-->





#16

Acetone

Concen: 9.086 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064842.D

Acq: 13 Jan 2020 11:39

Instrument :

MSVOA_D

ClientSampleId :

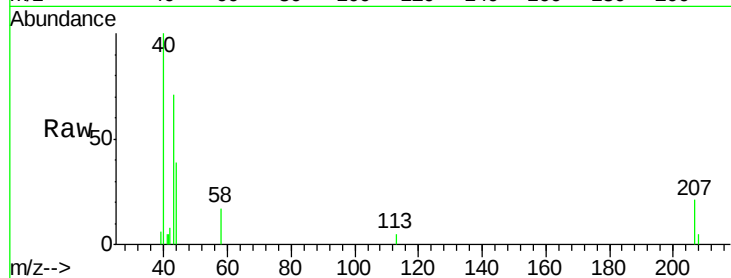
VD0113SBL01

Tgt Ion: 43 Resp: 5888

Ion Ratio Lower Upper

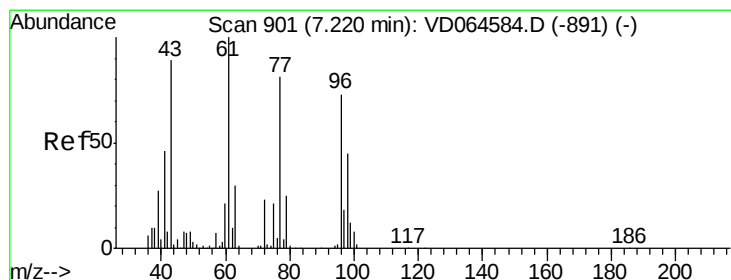
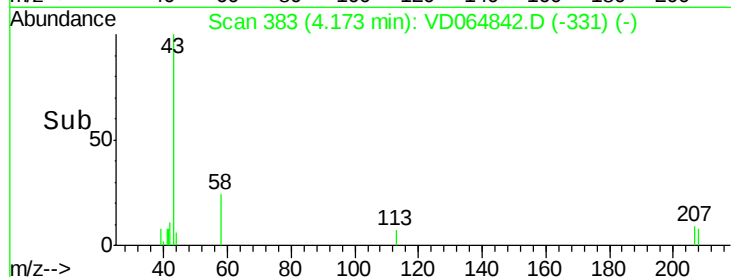
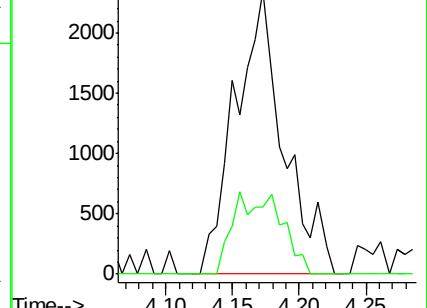
43 100

58 23.6 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#25

2-Butanone

Concen: 1.594 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.02 min

Lab File: VD064842.D

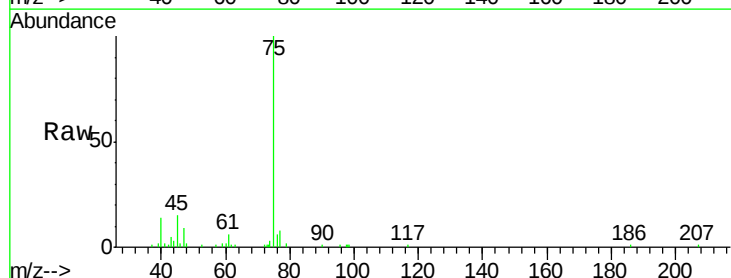
Acq: 13 Jan 2020 11:39

Tgt Ion: 43 Resp: 2202

Ion Ratio Lower Upper

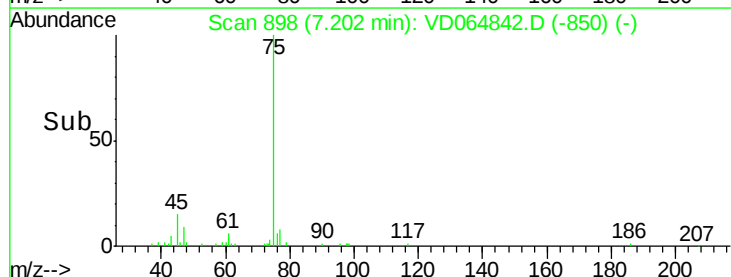
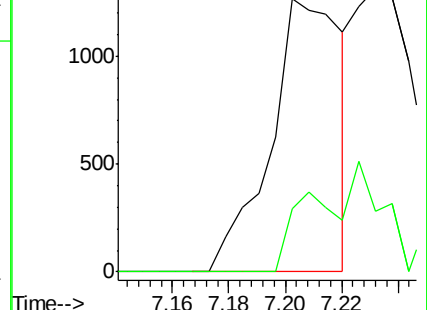
43 100

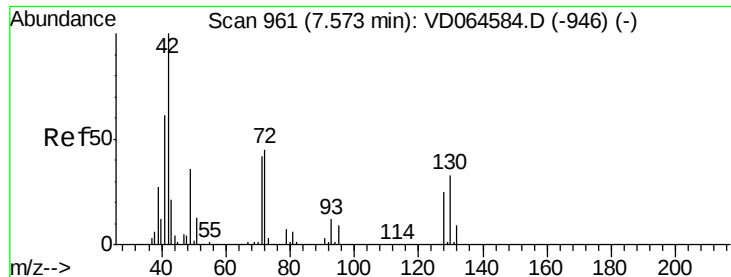
72 23.2 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

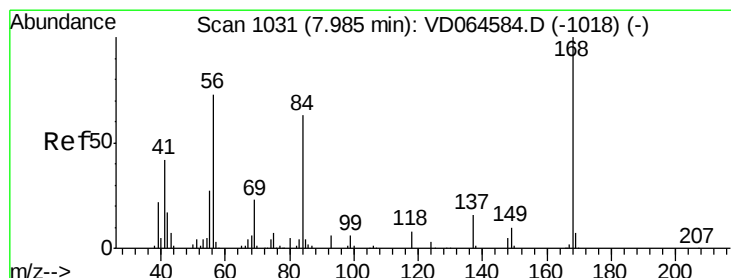
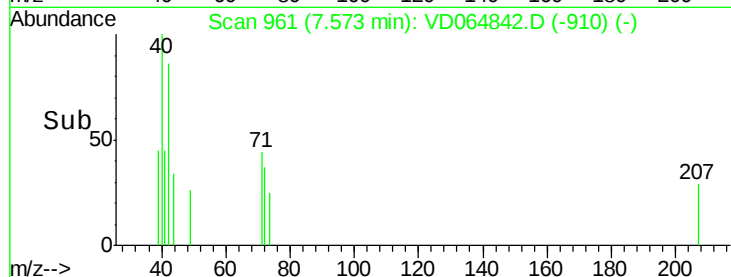
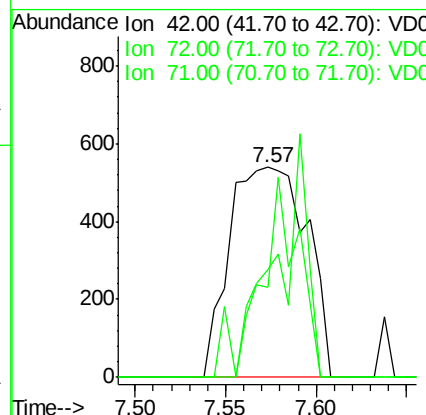
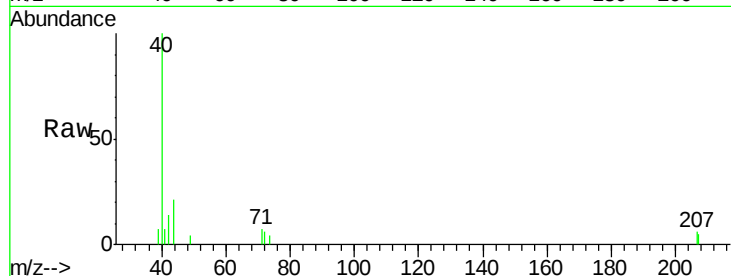




#29
Tetrahydrofuran
Concen: 1.873 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD064842.D
Acq: 13 Jan 2020 11:39

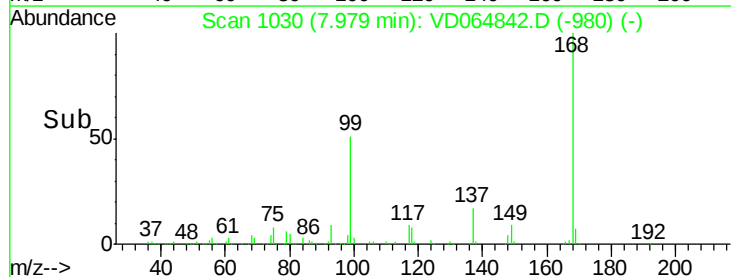
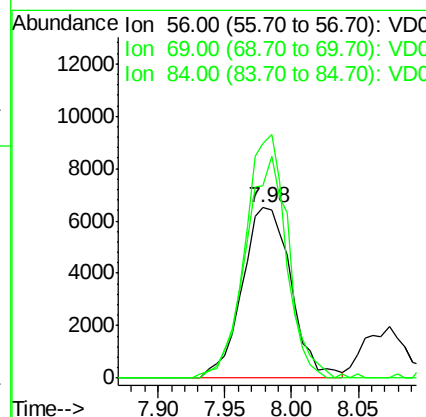
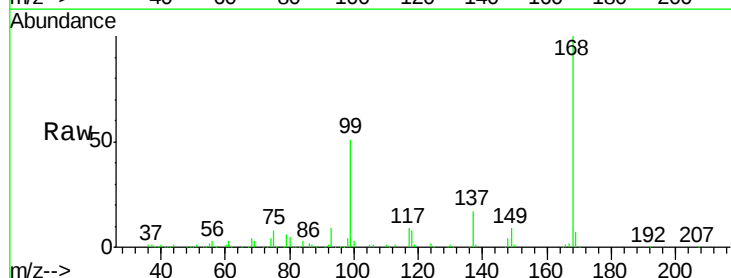
Instrument :
MSVOA_D
ClientSampleId :
VD0113SBL01

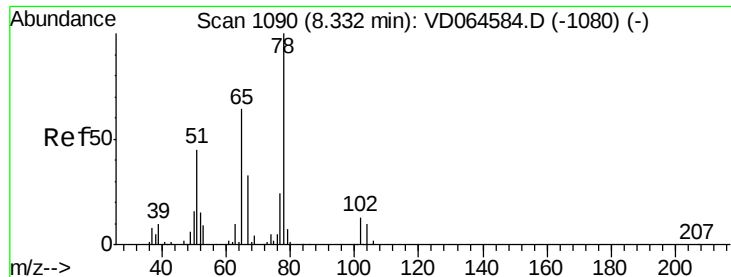
Tgt Ion: 42 Resp: 1609
Ion Ratio Lower Upper
42 100
72 43.9 35.0 52.4
71 50.2 32.9 49.3#



#31
Cyclohexane
Concen: 1.762 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064842.D
Acq: 13 Jan 2020 11:39

Tgt Ion: 56 Resp: 16513
Ion Ratio Lower Upper
56 100
69 137.7 24.7 37.1#
84 113.0 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 52.693 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064842.D

Acq: 13 Jan 2020 11:39

Instrument :

MSVOA_D

ClientSampleId :

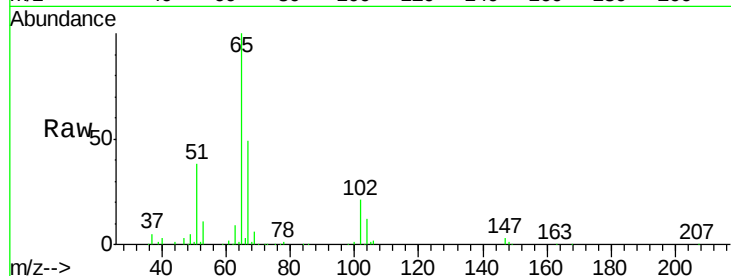
VD0113SBL01

Tgt Ion: 65 Resp: 264867

Ion Ratio Lower Upper

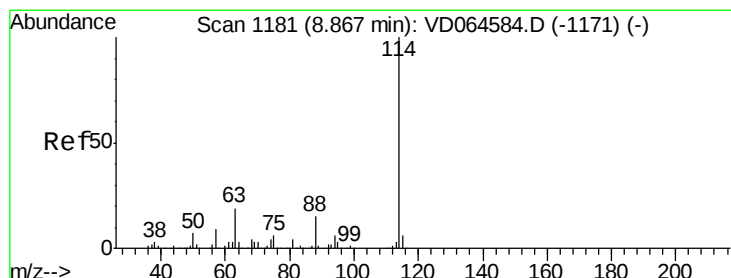
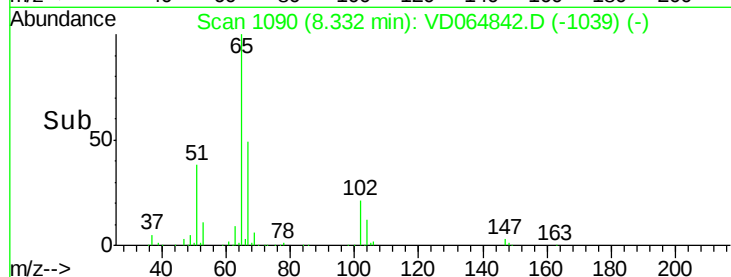
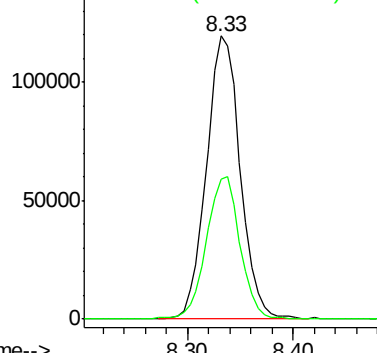
65 100

67 50.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064842.D

Acq: 13 Jan 2020 11:39

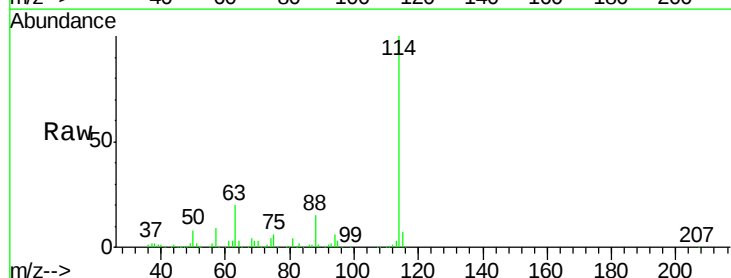
Tgt Ion: 114 Resp: 854315

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.0

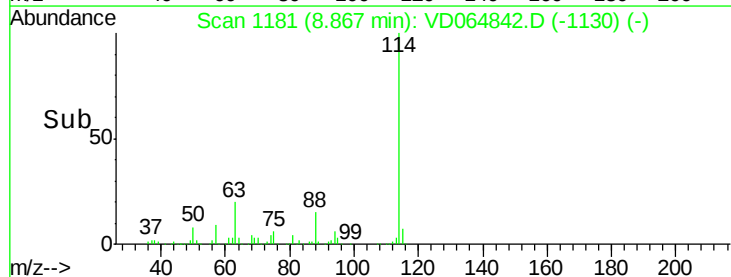
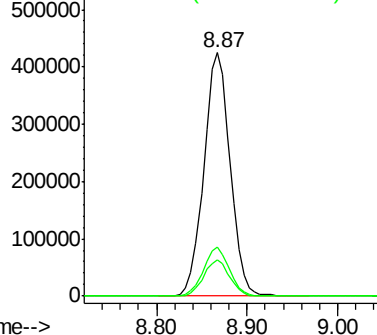
88 15.1 0.0 29.2

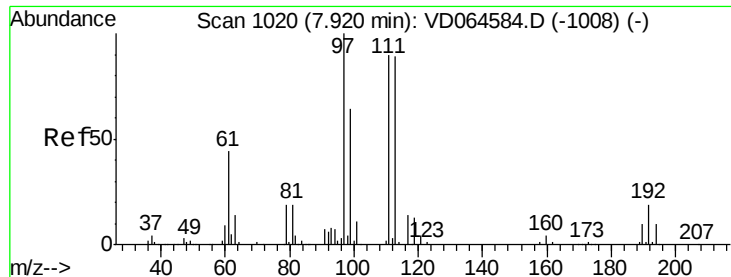


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

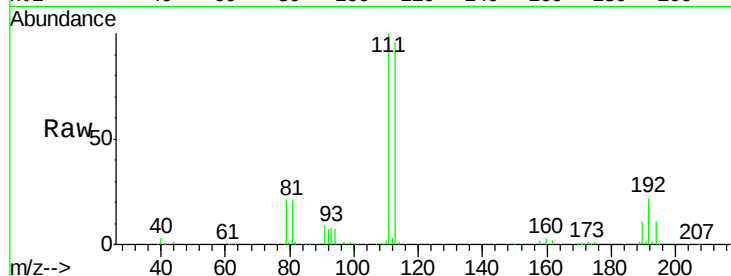




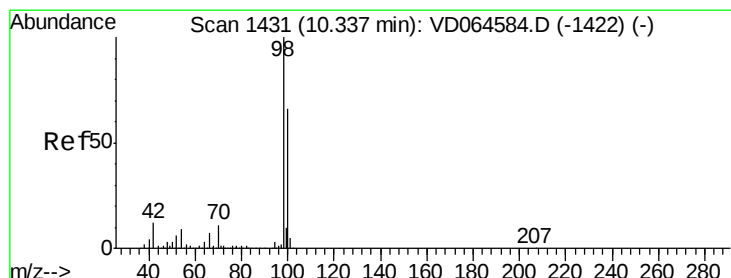
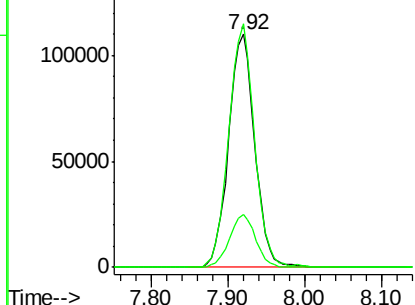
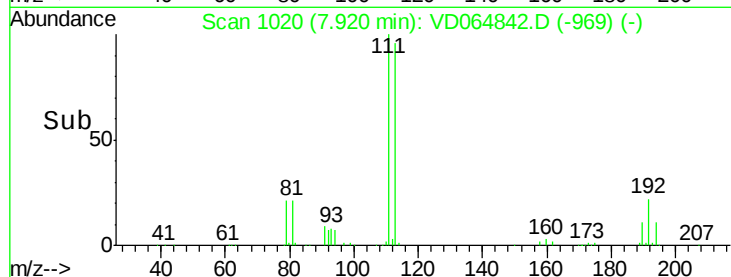
#35
 Dibromofluoromethane
 Concen: 49.874 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064842.D
 Acq: 13 Jan 2020 11:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0113SBL01

Tgt Ion:113 Resp: 261408
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.6 121.0
 192 22.7 17.9 26.9

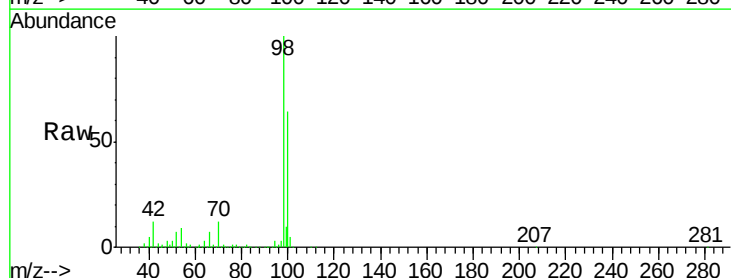


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

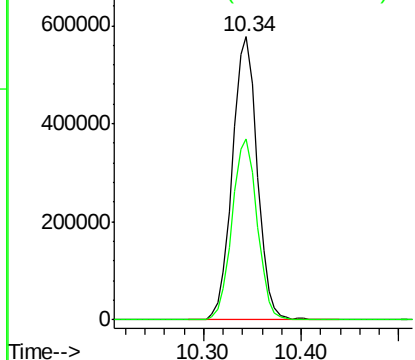
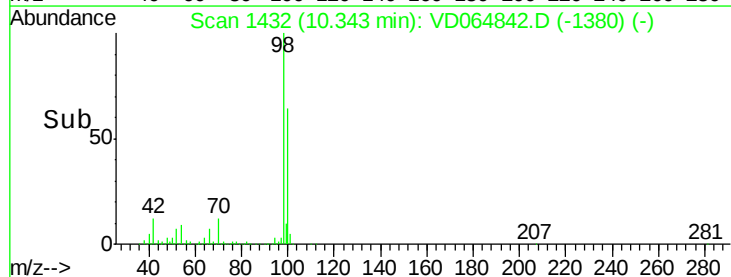


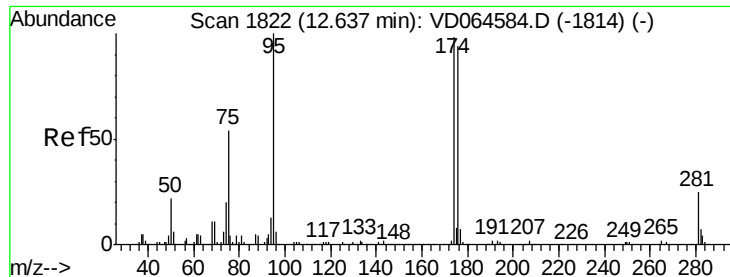
#50
 Toluene-d8
 Concen: 51.052 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064842.D
 Acq: 13 Jan 2020 11:39

Tgt Ion: 98 Resp: 1024813
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

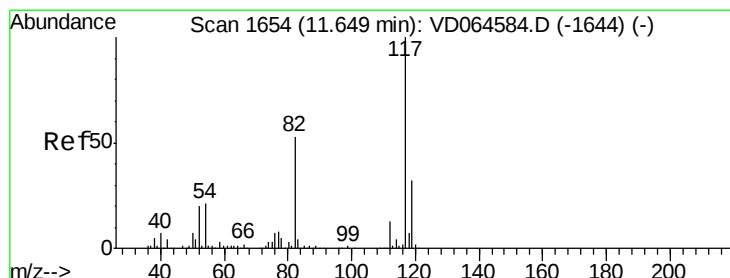
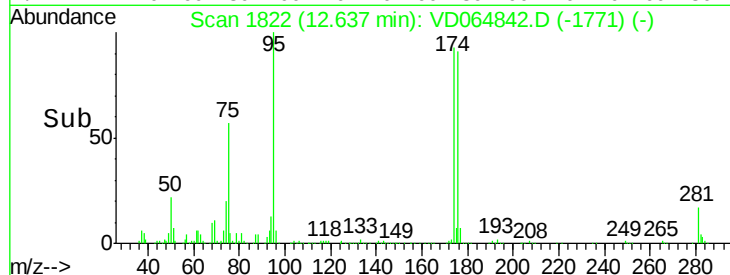
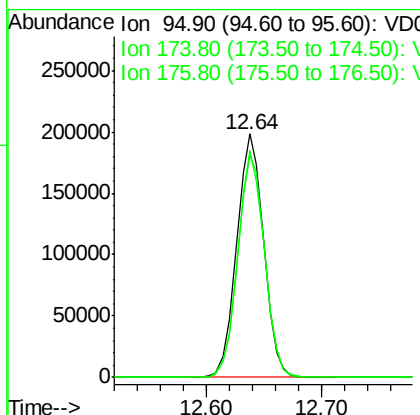
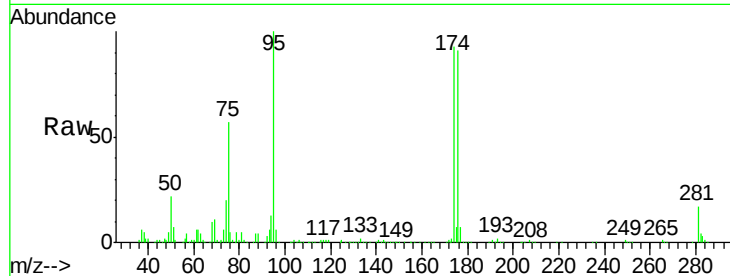




#62
4-Bromofluorobenzene
Concen: 50.232 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064842.D
Acq: 13 Jan 2020 11:39

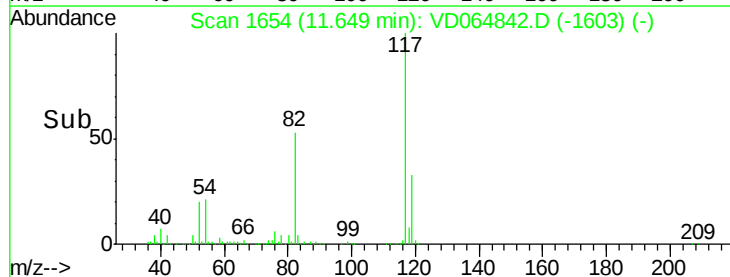
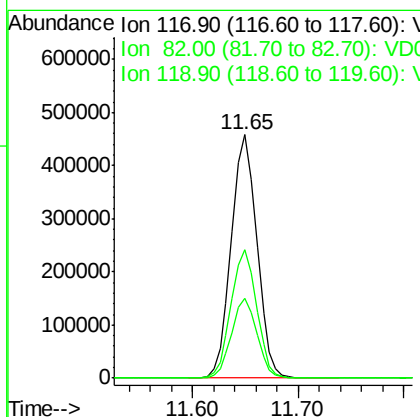
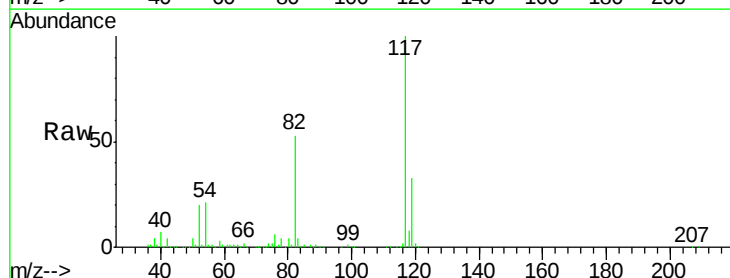
Instrument :
MSVOA_D
ClientSampleId :
VD0113SBL01

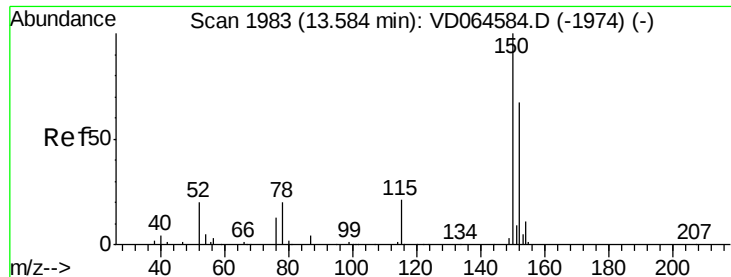
Tgt Ion: 95 Resp: 318852
Ion Ratio Lower Upper
95 100
174 91.9 0.0 193.2
176 91.1 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064842.D
Acq: 13 Jan 2020 11:39

Tgt Ion: 117 Resp: 772207
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 32.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064842.D

Acq: 13 Jan 2020 11:39

Instrument :

MSVOA_D

ClientSampleId :

VD0113SBL01

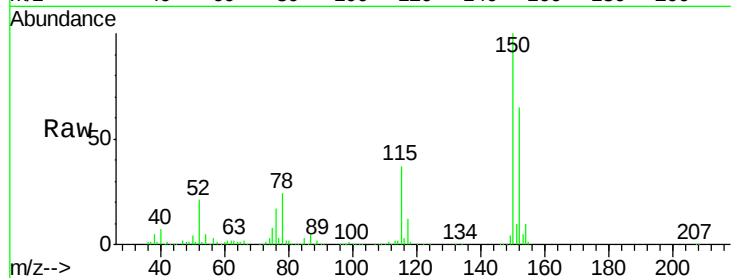
Tgt Ion:152 Resp: 359771

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

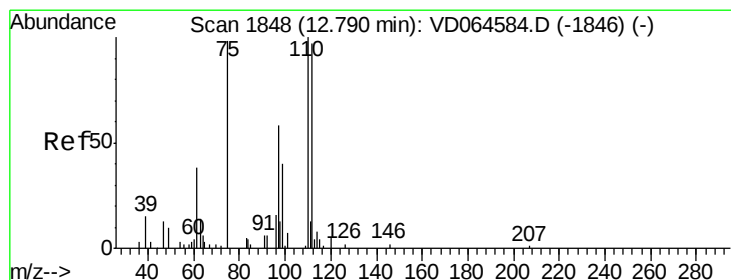
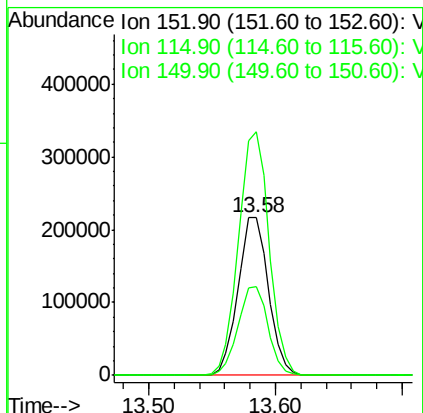
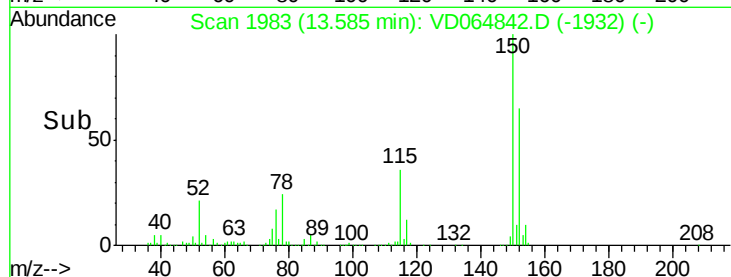
150 155.3 0.0 351.4



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



#76

1,2,3-Trichloropropane

Concen: 60.950 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064842.D

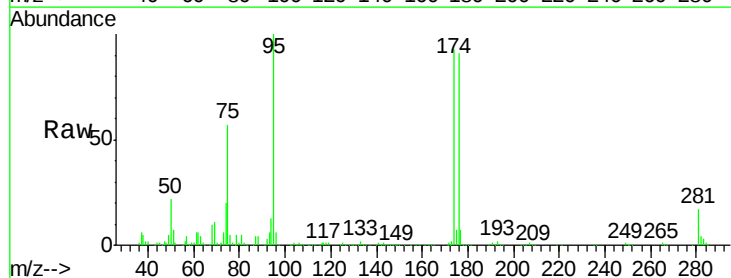
Acq: 13 Jan 2020 11:39

Tgt Ion: 75 Resp: 173156

Ion Ratio Lower Upper

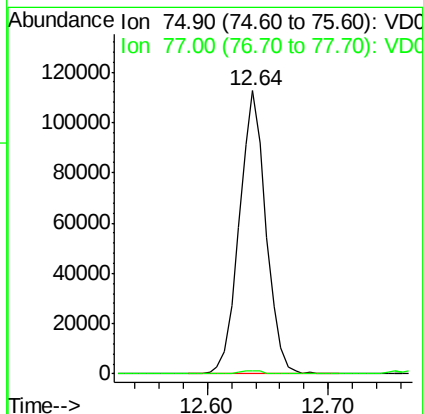
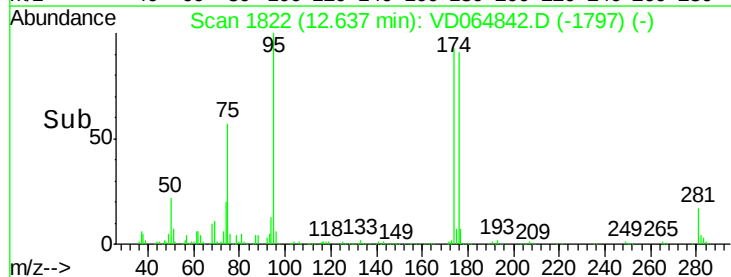
75 100

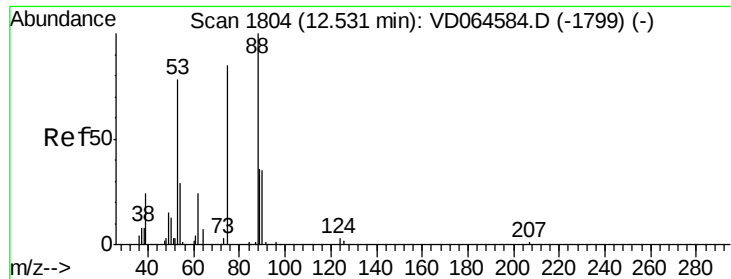
77 1.2 0.0 0.0#



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: 127.474 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064842.D

Acq: 13 Jan 2020 11:39

Instrument :

MSVOA_D

ClientSampleId :

VD0113SBL01

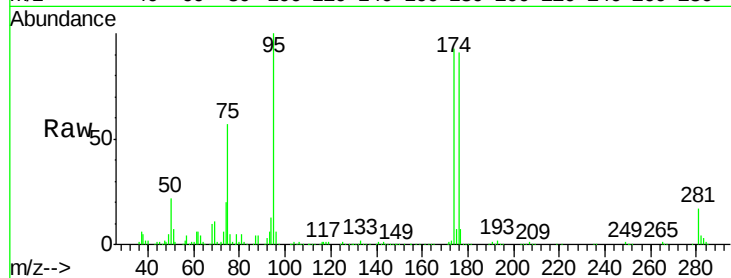
Tgt Ion: 75 Resp: 173156

Ion Ratio Lower Upper

75 100

53 0.0 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

