

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD011720\
 Data File : VD064858.D
 Acq On : 17 Jan 2020 12:54
 Operator : VA/SY
 Sample : VD0117SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0117SBL01

Quant Time: Jan 17 22:50:55 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	438677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	695457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	625939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	289761	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	211128	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
35) Dibromofluoromethane	7.92	113	214693	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
50) Toluene-d8	10.34	98	827354	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.64	95	258987	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	

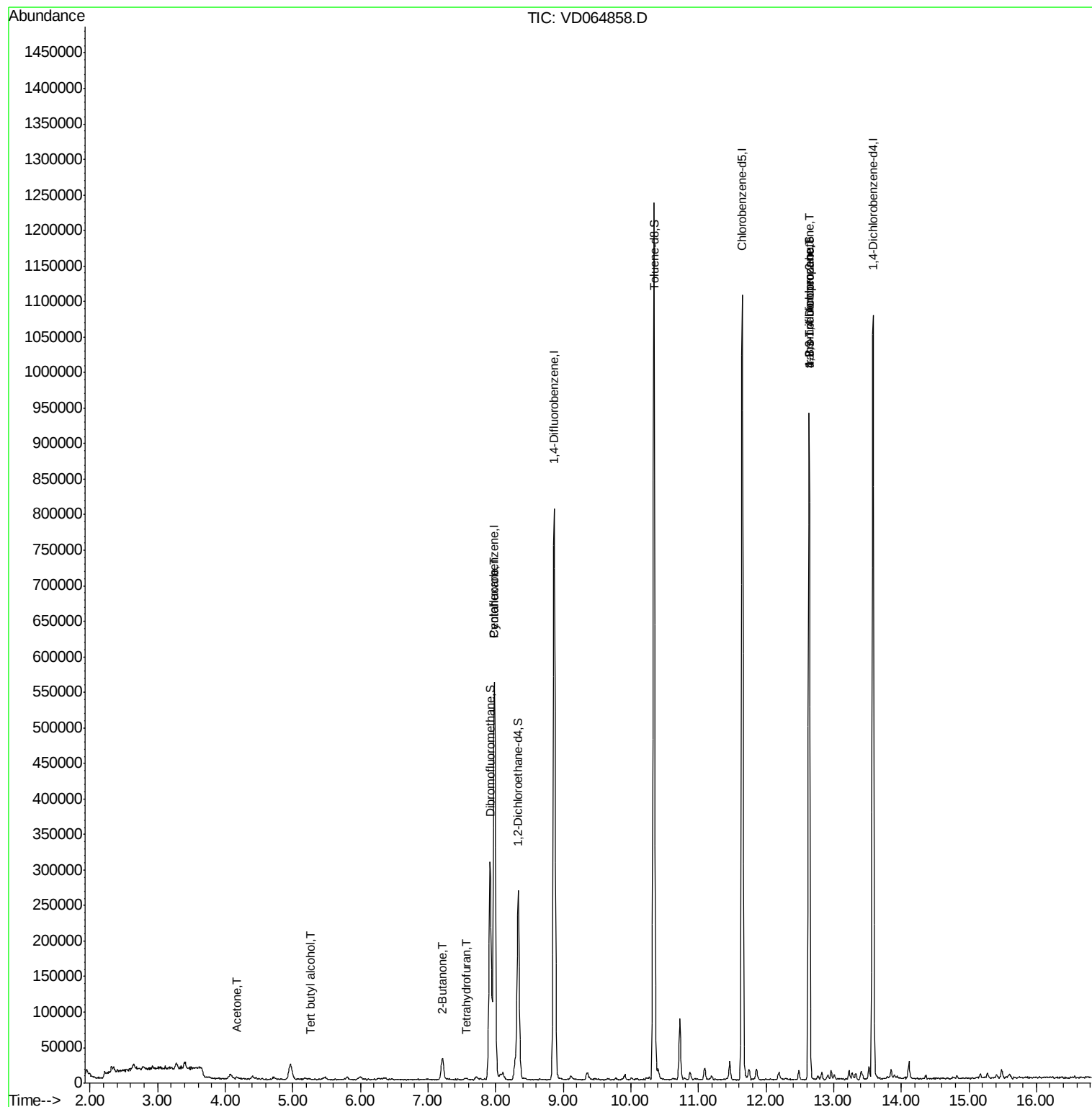
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.26	59	377	1.70	ug/l #	70
16) Acetone	4.18	43	4893	9.48	ug/l	96
20) Methylene Chloride	4.96	84	15993	Below Cal		97
25) 2-Butanone	7.21	43	2711	2.55	ug/l #	49
29) Tetrahydrofuran	7.58	42	783	1.18	ug/l #	55
31) Cyclohexane	7.98	56	12872	1.78	ug/l #	34
76) 1,2,3-Trichloropropane	12.64	75	139703	61.06	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	139703	127.70	ug/l #	10

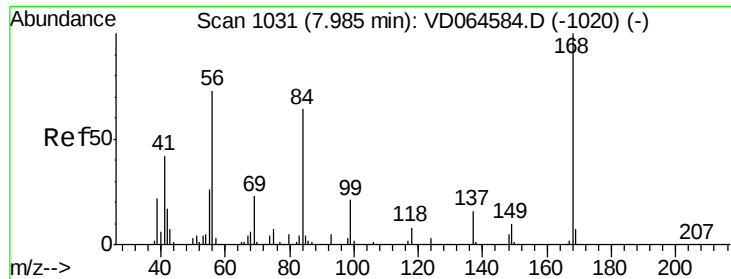
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD011720\
Data File : VD064858.D
Acq On : 17 Jan 2020 12:54
Operator : VA/SY
Sample : VD0117SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0117SBL01

Quant Time: Jan 17 22:50:55 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: 50.00 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064858.D

Acq: 17 Jan 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

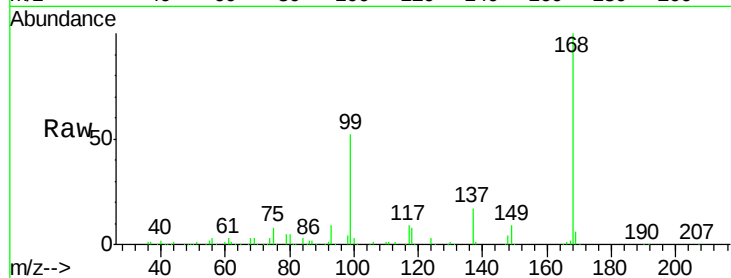
VD0117SBL01

Tgt Ion:168 Resp: 438677

Ion Ratio Lower Upper

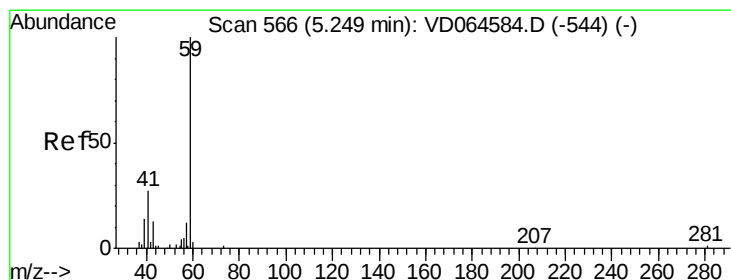
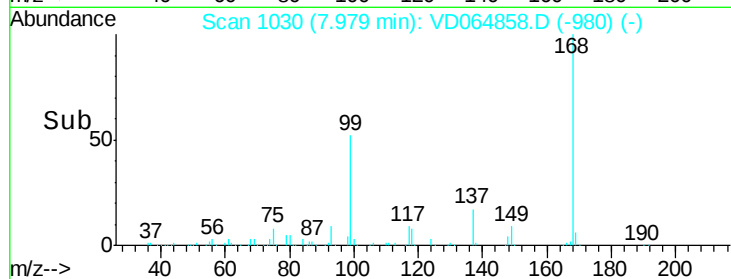
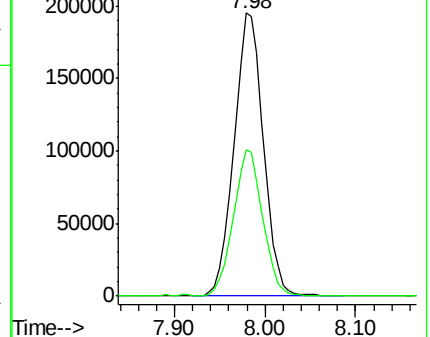
168 100

99 51.4 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 1.70 ug/l

RT: 5.26 min Scan# 568

Delta R.T. 0.01 min

Lab File: VD064858.D

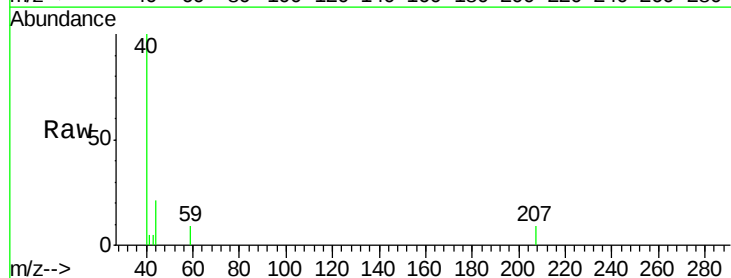
Acq: 17 Jan 2020 12:54

Tgt Ion: 59 Resp: 377

Ion Ratio Lower Upper

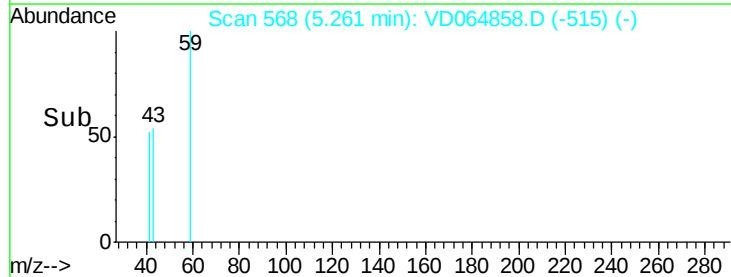
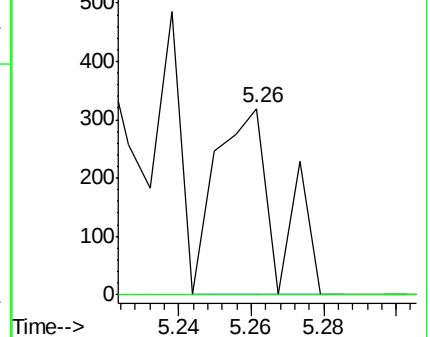
59 100

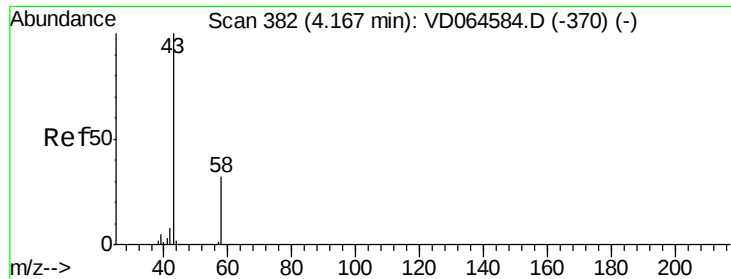
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 9.48 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064858.D

Acq: 17 Jan 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

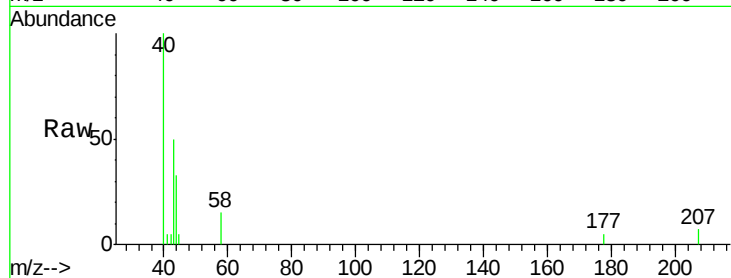
VD0117SBL01

Tgt Ion: 43 Resp: 4893

Ion Ratio Lower Upper

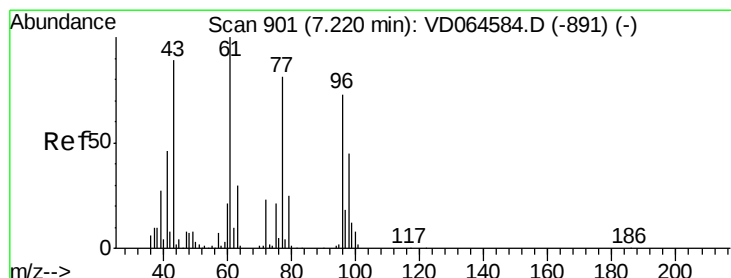
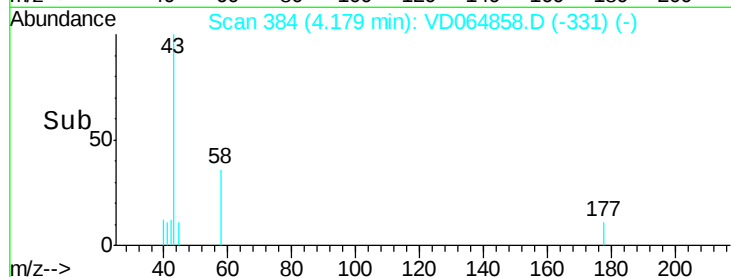
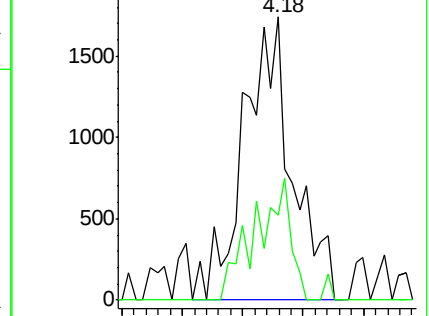
43 100

58 29.9 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: 2.55 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.01 min

Lab File: VD064858.D

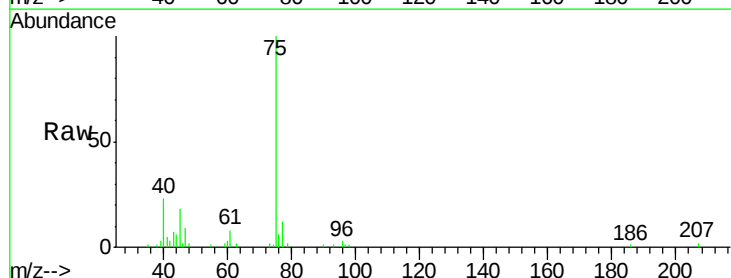
Acq: 17 Jan 2020 12:54

Tgt Ion: 43 Resp: 2711

Ion Ratio Lower Upper

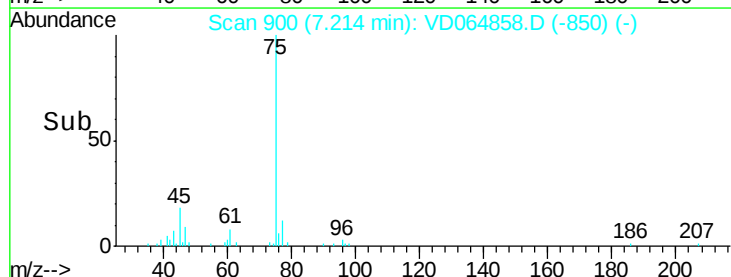
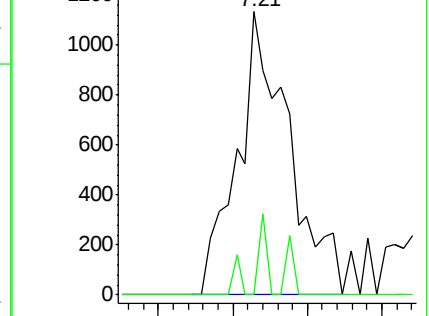
43 100

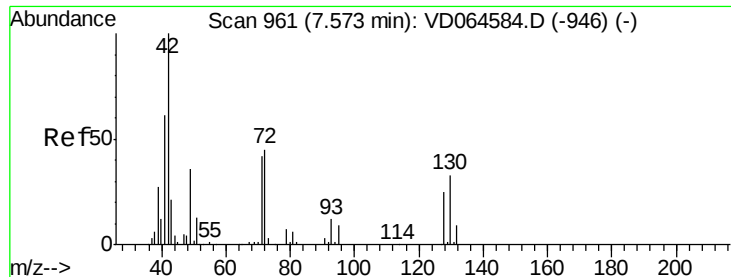
72 0.0 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

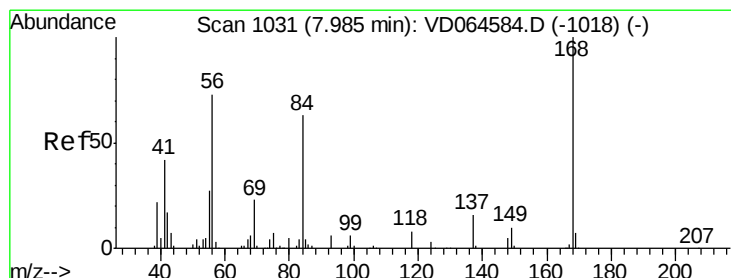
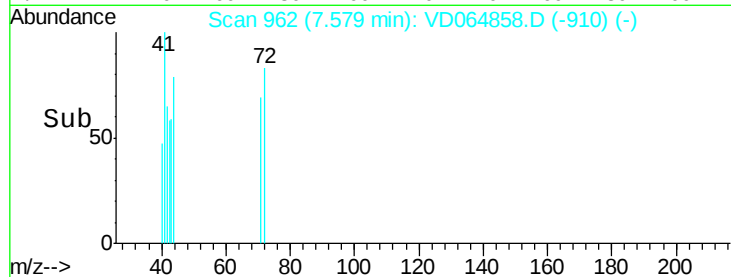
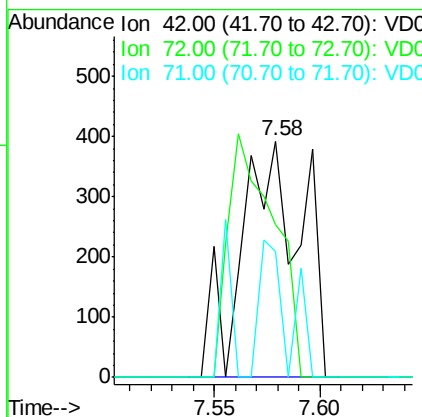
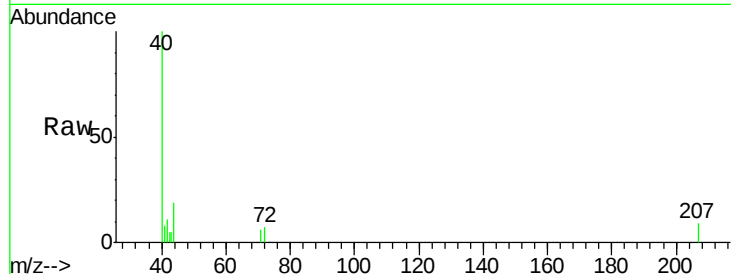




#29
Tetrahydrofuran
Concen: 1.18 ug/l
RT: 7.58 min Scan# 962
Delta R.T. 0.01 min
Lab File: VD064858.D
Acq: 17 Jan 2020 12:54

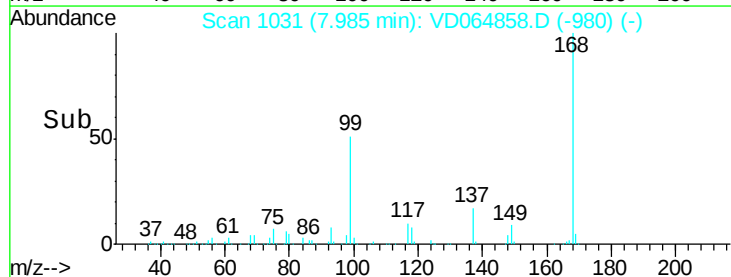
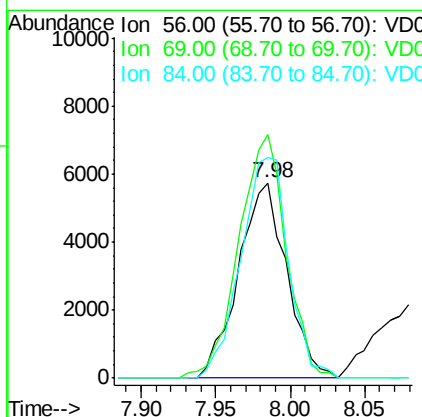
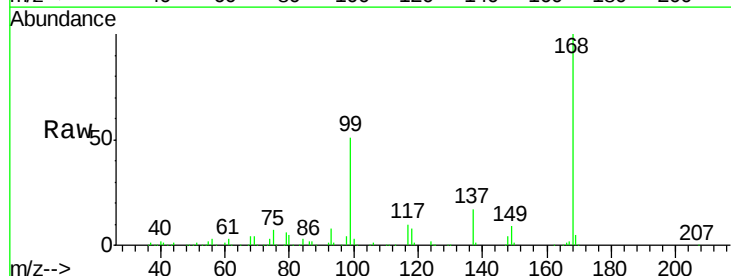
Instrument :
MSVOA_D
ClientSampleId :
VD0117SBL01

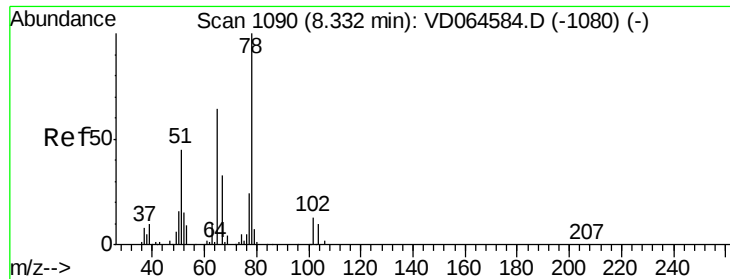
Tgt Ion: 42 Resp: 783
Ion Ratio Lower Upper
42 100
72 0.0 35.0 52.4#
71 28.0 32.9 49.3#



#31
Cyclohexane
Concen: 1.78 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064858.D
Acq: 17 Jan 2020 12:54

Tgt Ion: 56 Resp: 12872
Ion Ratio Lower Upper
56 100
69 124.8 24.7 37.1#
84 112.8 69.4 104.2#

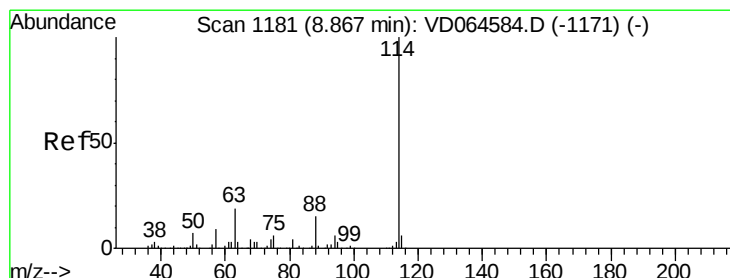
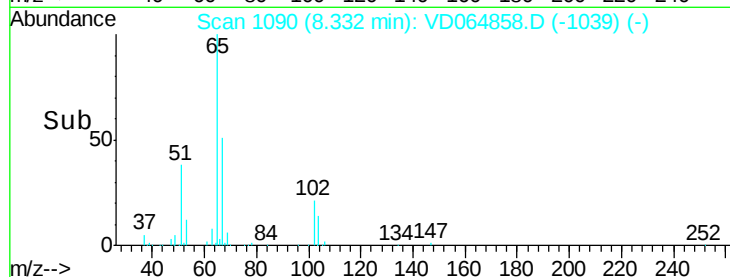
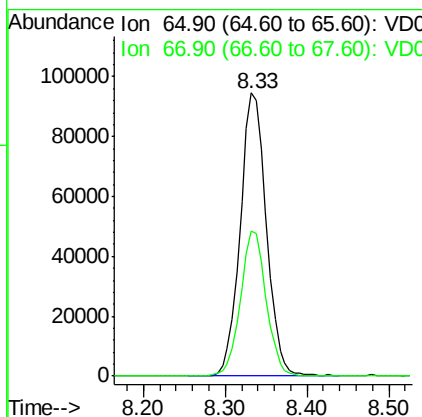
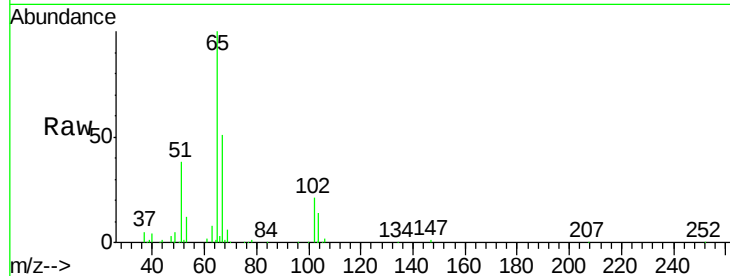




#33
 1,2-Dichloroethane-d4
 Concen: 54.58 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064858.D
 Acq: 17 Jan 2020 12:54

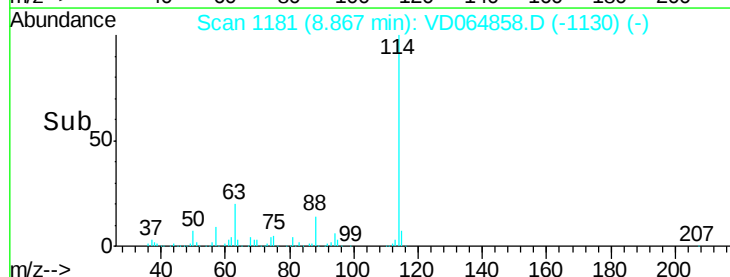
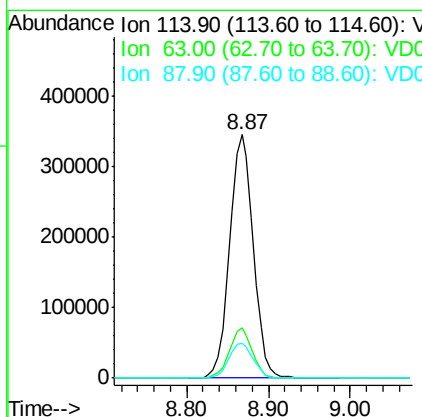
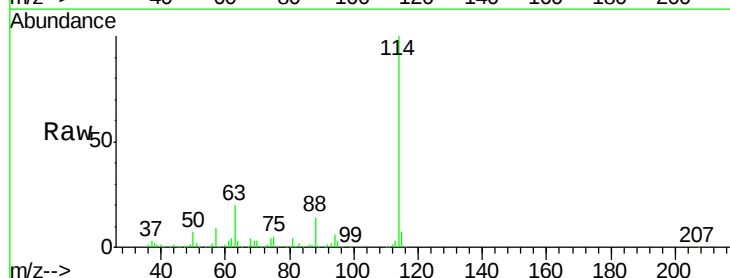
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0117SBL01

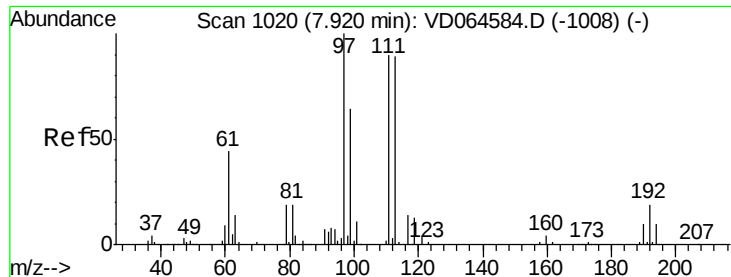
Tgt Ion: 65 Resp: 211128
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064858.D
 Acq: 17 Jan 2020 12:54

Tgt Ion: 114 Resp: 695457
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.0
 88 14.5 0.0 29.2

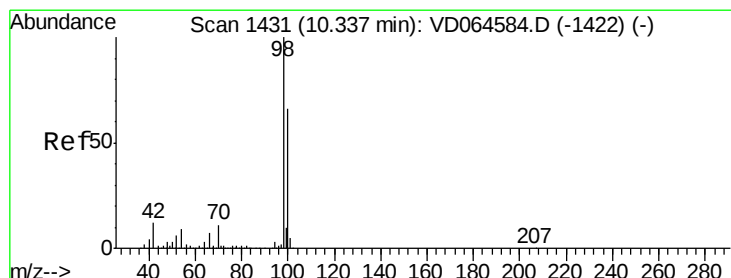
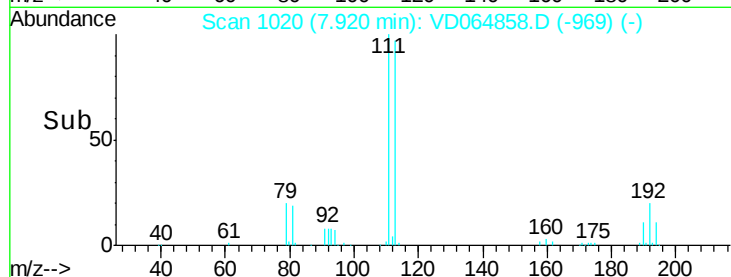
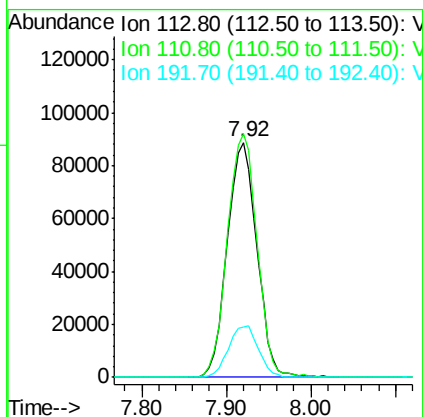
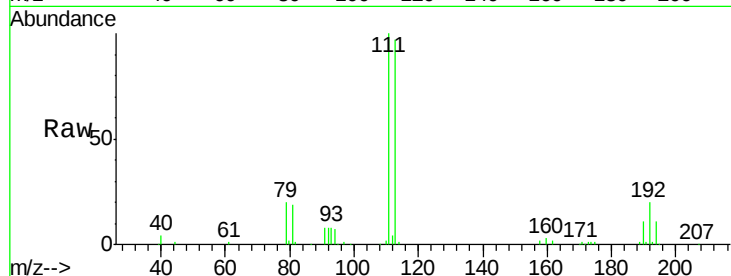




#35
 Dibromofluoromethane
 Concen: 50.32 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064858.D
 Acq: 17 Jan 2020 12:54

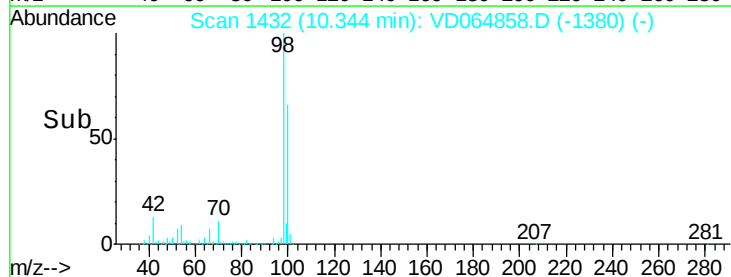
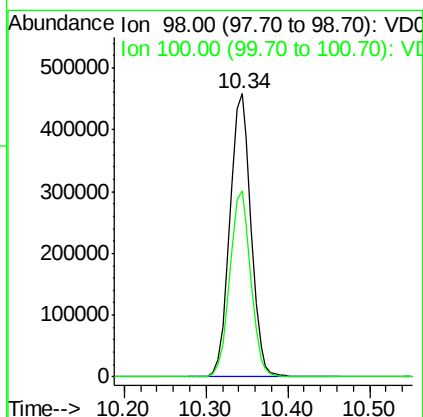
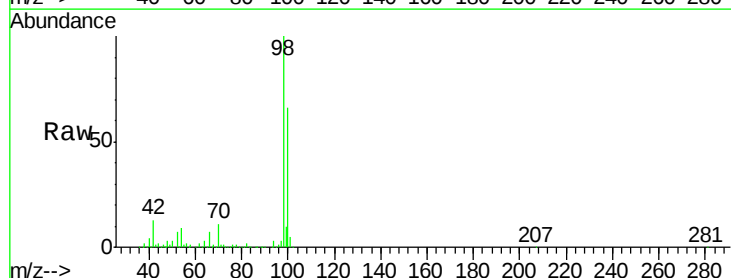
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0117SBL01

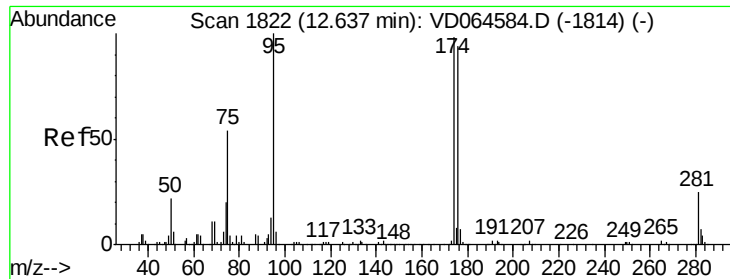
Tgt Ion: 113 Resp: 214693
 Ion Ratio Lower Upper
 113 100
 111 104.0 80.6 121.0
 192 22.1 17.9 26.9



#50
 Toluene-d8
 Concen: 50.63 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064858.D
 Acq: 17 Jan 2020 12:54

Tgt Ion: 98 Resp: 827354
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.7 77.5

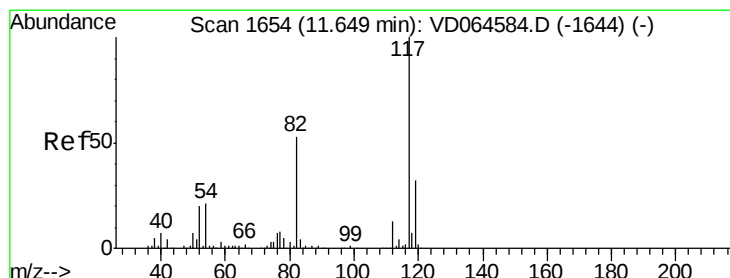
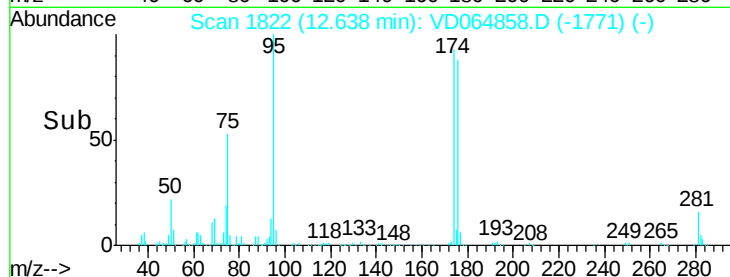
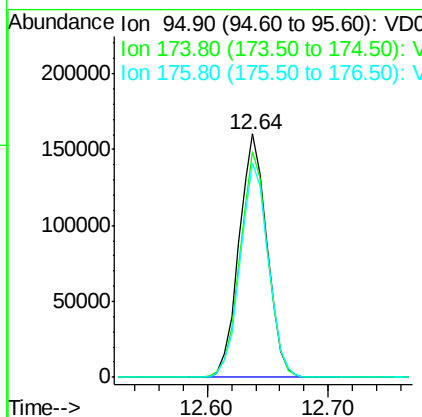
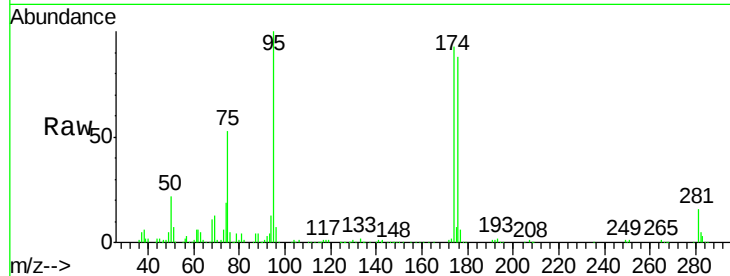




#62
4-Bromofluorobenzene
Concen: 50.12 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064858.D
Acq: 17 Jan 2020 12:54

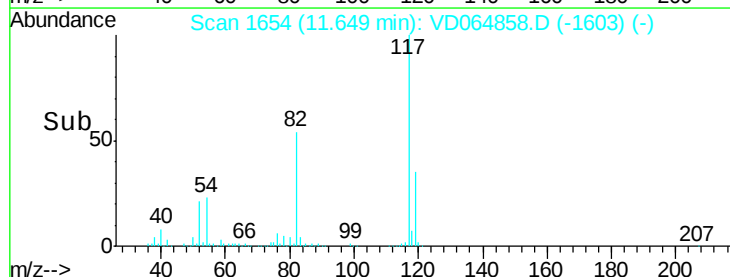
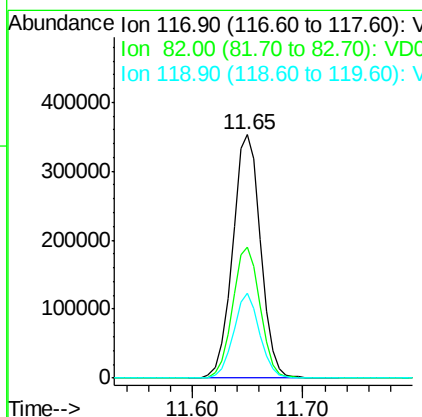
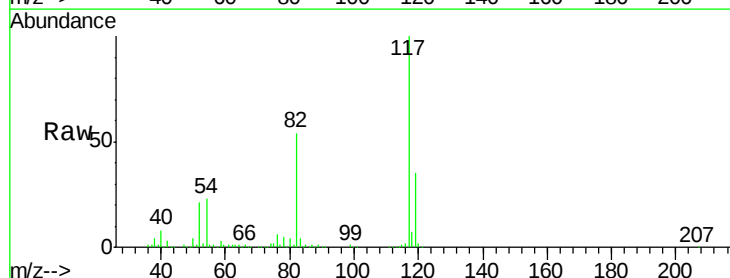
Instrument :
MSVOA_D
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VD0117SBL01

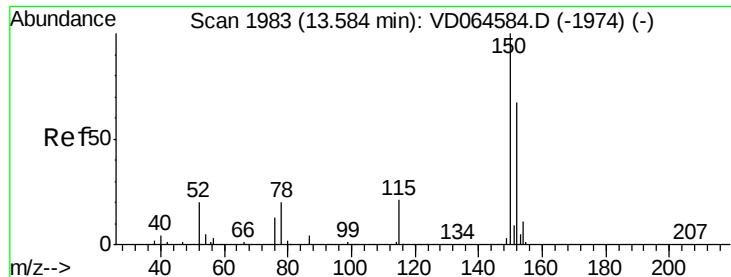
Tgt Ion: 95 Resp: 258987
Ion Ratio Lower Upper
95 100
174 92.1 0.0 193.2
176 88.6 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064858.D
Acq: 17 Jan 2020 12:54

Tgt Ion: 117 Resp: 625939
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.4
119 35.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064858.D

Acq: 17 Jan 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0117SBL01

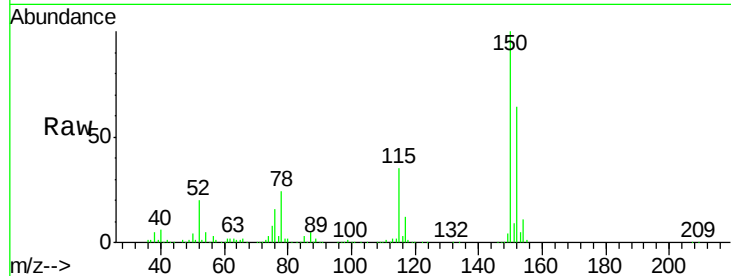
Tgt Ion:152 Resp: 289761

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

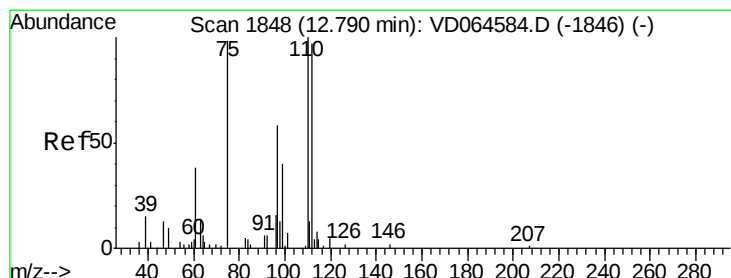
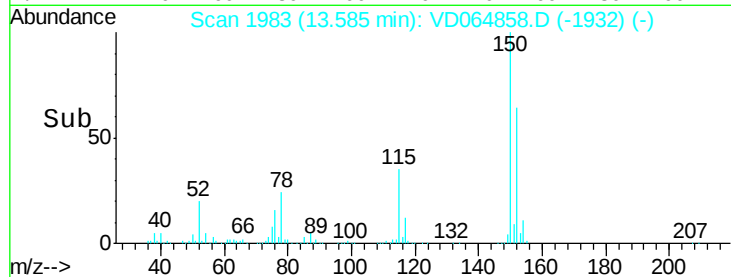
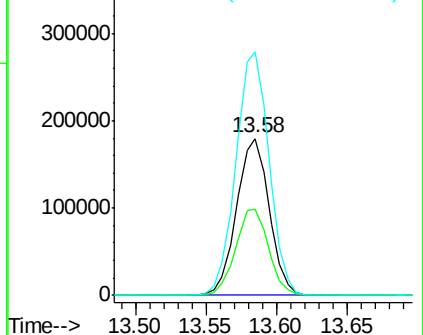
150 157.8 0.0 351.4



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: 61.06 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064858.D

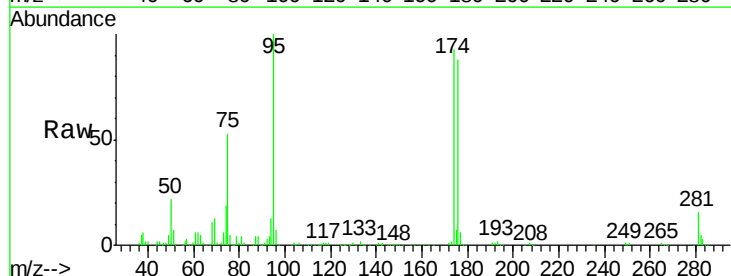
Acq: 17 Jan 2020 12:54

Tgt Ion: 75 Resp: 139703

Ion Ratio Lower Upper

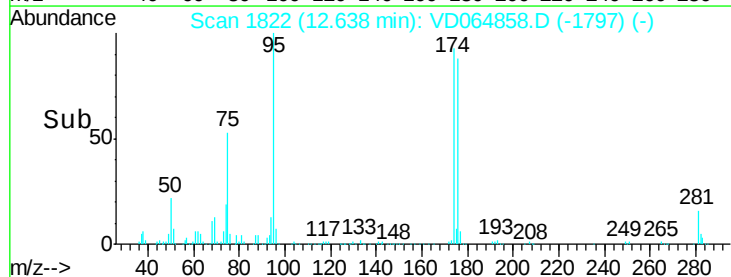
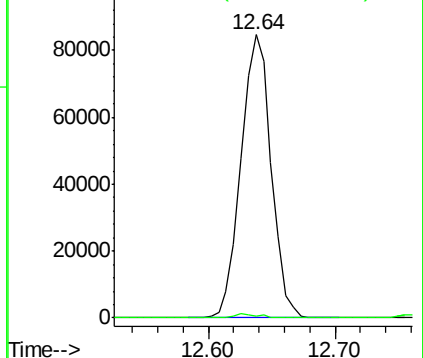
75 100

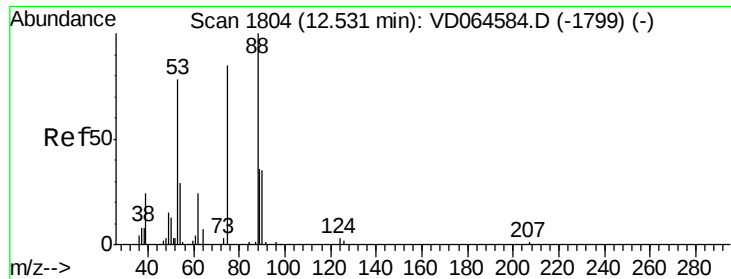
77 1.2 0.0 0.0#



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: 127.70 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064858.D

Acq: 17 Jan 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0117SBL01

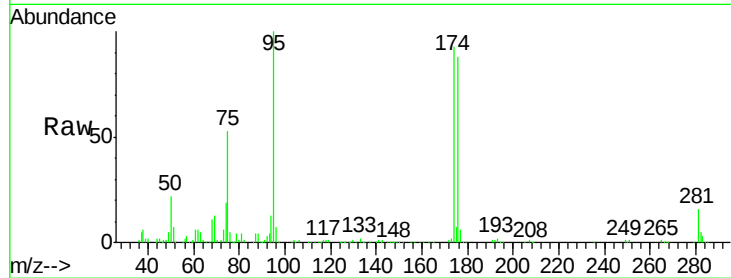
Tgt Ion: 75 Resp: 139703

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.2 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

