

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010620\
 Data File : VD064771.D
 Acq On : 06 Jan 2020 14:13
 Operator : VA/SY
 Sample : VD0106SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 07 00:35:08 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

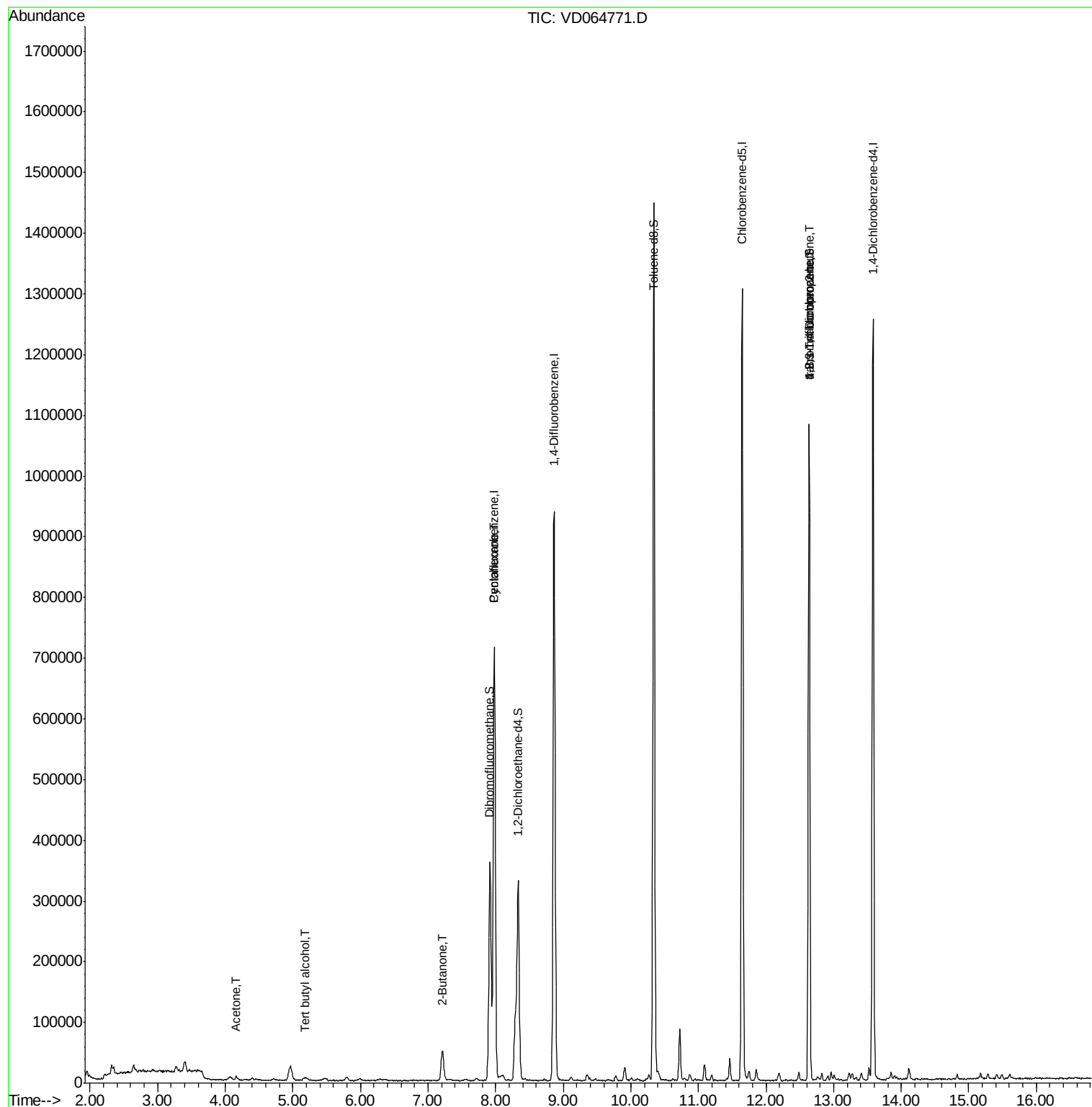
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	551857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	826213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	734680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	342996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	254875	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
35) Dibromofluoromethane	7.92	113	251898	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	10.34	98	975207	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.64	95	301380	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	5483	19.660	ug/l #	70
16) Acetone	4.16	43	8720	11.685	ug/l	99
20) Methylene Chloride	4.97	84	17251	Below Cal		86
25) 2-Butanone	7.22	43	4777	3.571	ug/l #	77
31) Cyclohexane	7.98	56	14908	1.643	ug/l #	30
76) 1,2,3-Trichloropropane	12.64	75	165795	61.213	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	165795	128.024	ug/l #	10

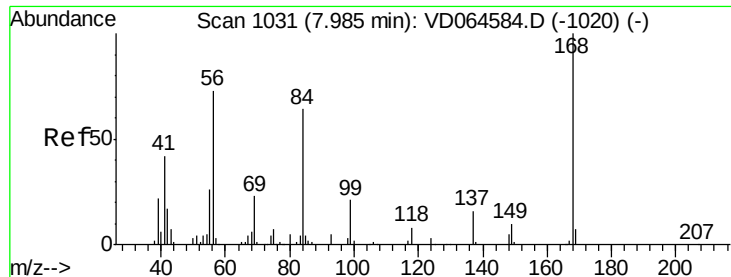
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010620\
Data File : VD064771.D
Acq On : 06 Jan 2020 14:13
Operator : VA/SY
Sample : VD0106SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 07 00:35:08 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: VD064771.D

Acq: 06 Jan 2020 14:13

Instrument :

MSVOA_D

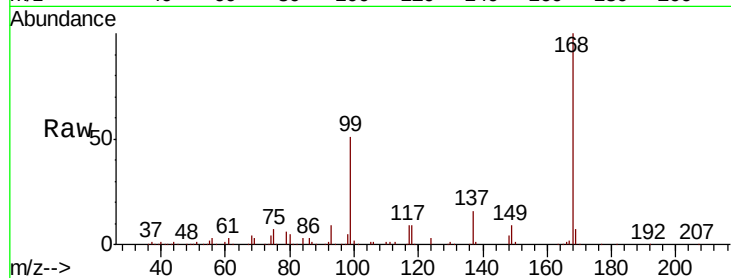
ClientSampleId :

Tot Ion:168 Resp: 551857

Ion Ratio Lower Upper

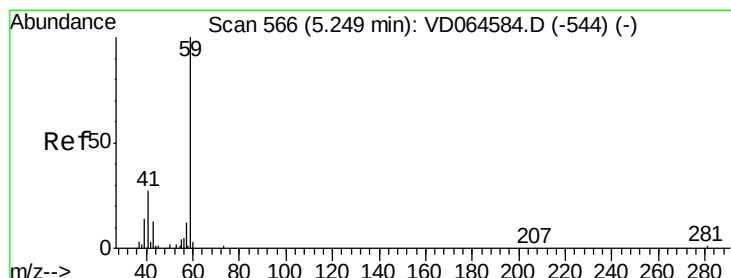
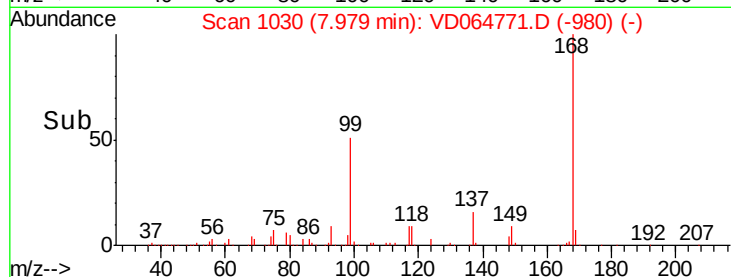
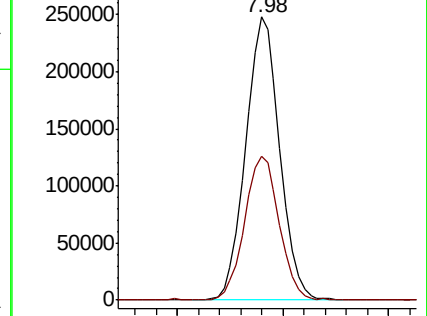
168 100

99 50.6 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: 19.660 ug/l

RT: 5.17 min Scan# 553

Delta R.T. -0.08 min

Lab File: VD064771.D

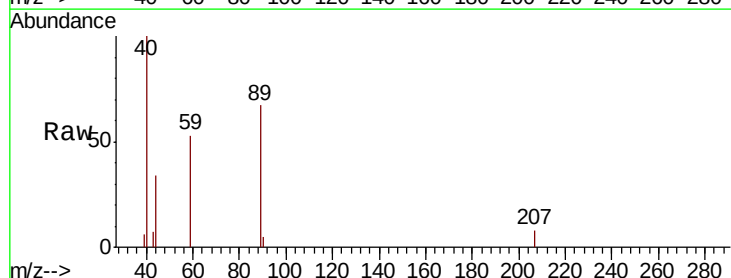
Acq: 06 Jan 2020 14:13

Tgt Ion: 59 Resp: 5483

Ion Ratio Lower Upper

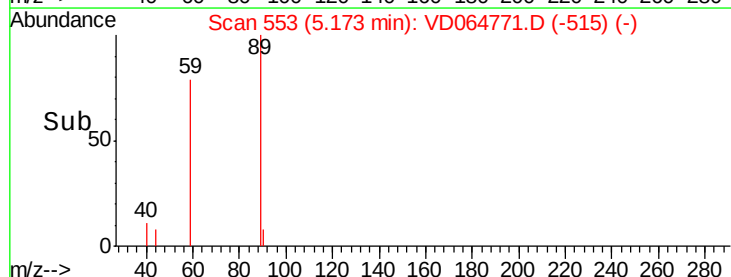
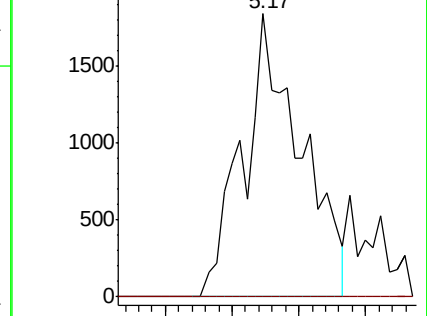
59 100

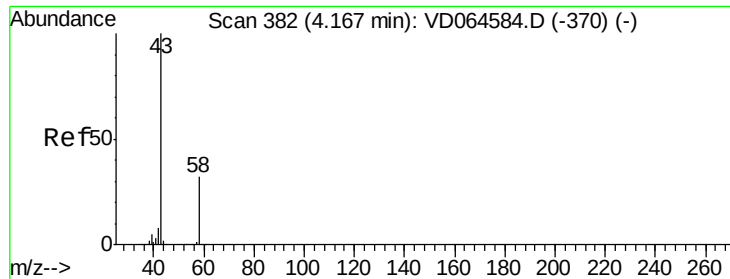
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 11.685 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064771.D

Acq: 06 Jan 2020 14:13

Instrument :

MSVOA_D

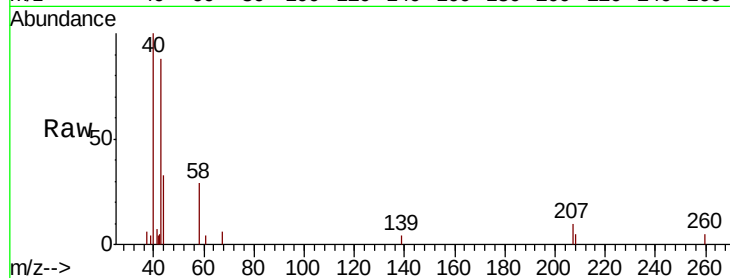
ClientSampleId :

Tot Ion: 43 Resp: 8720

Ion Ratio Lower Upper

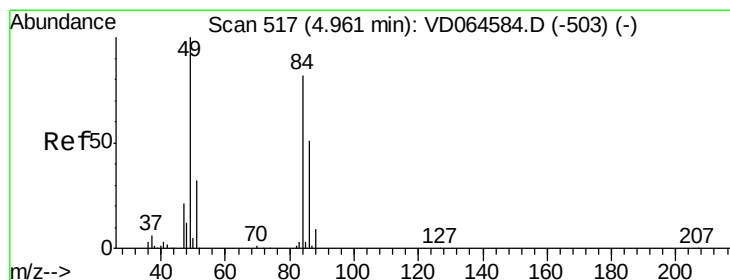
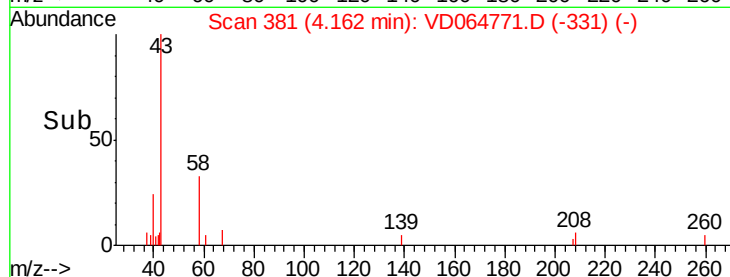
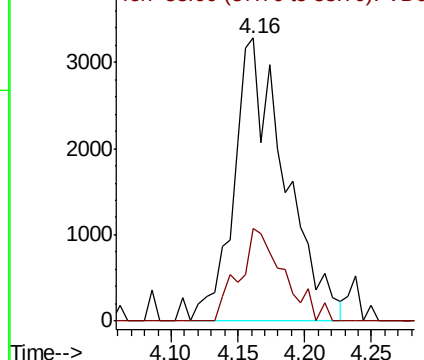
43 100

58 32.9 25.8 38.6



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: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD064771.D

Acq: 06 Jan 2020 14:13

Tgt Ion: 84 Resp: 17251

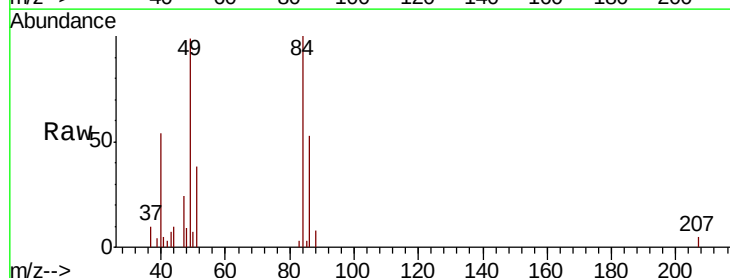
Ion Ratio Lower Upper

84 100

49 99.2 97.2 145.8

51 37.7 31.4 47.0

86 53.2 49.3 73.9

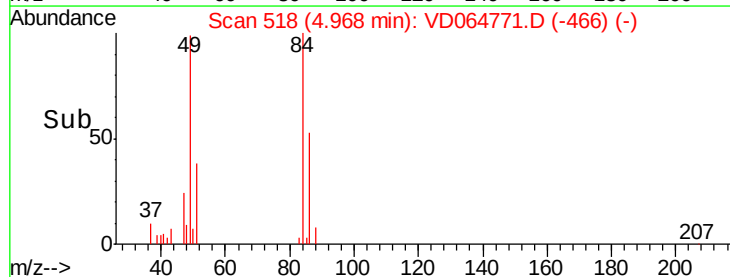
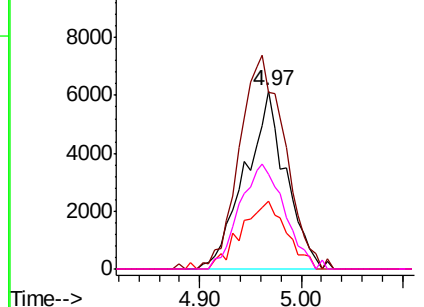


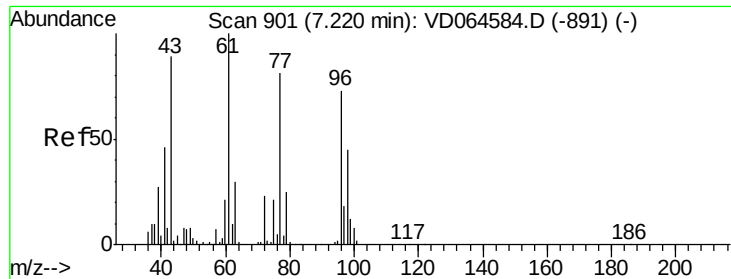
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#25

2-Butanone

Concen: 3.571 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064771.D

Acq: 06 Jan 2020 14:13

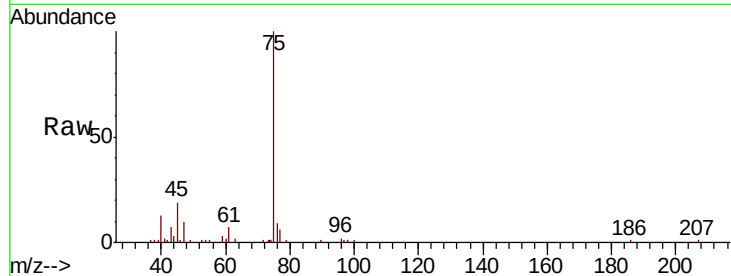
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 4777

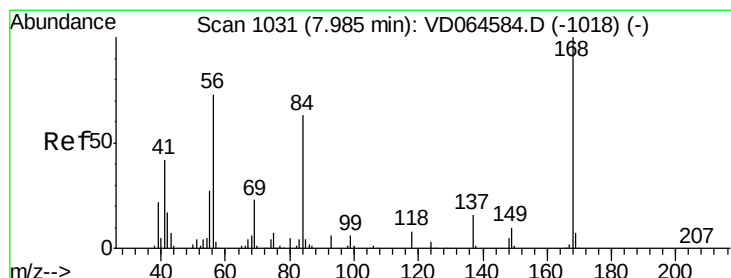
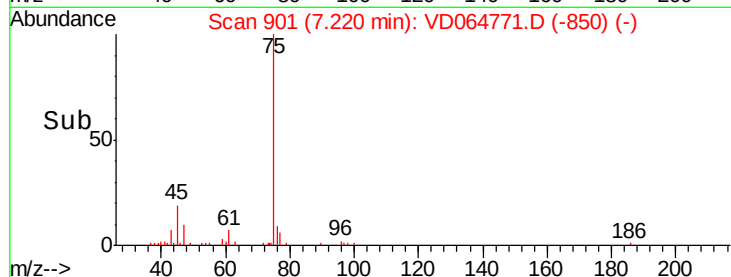
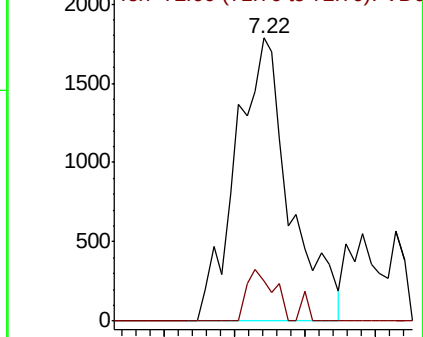
Ion Ratio Lower Upper

43 100

72 14.1 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.643 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064771.D

Acq: 06 Jan 2020 14:13

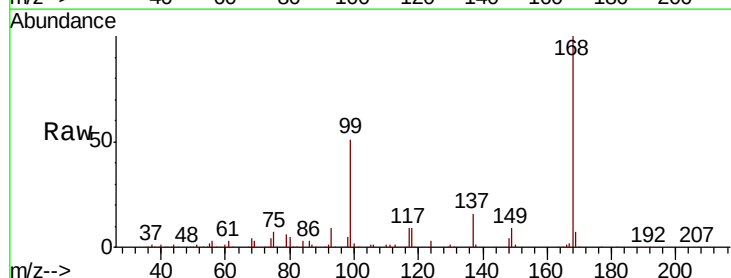
Tgt Ion: 56 Resp: 14908

Ion Ratio Lower Upper

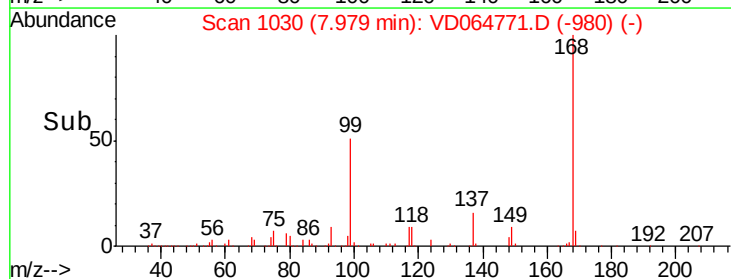
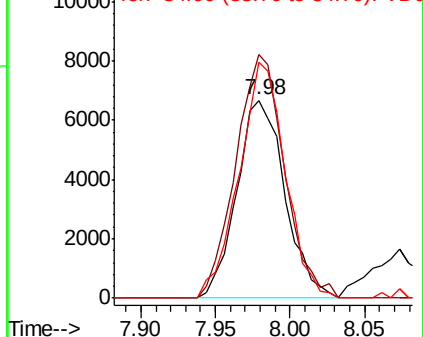
56 100

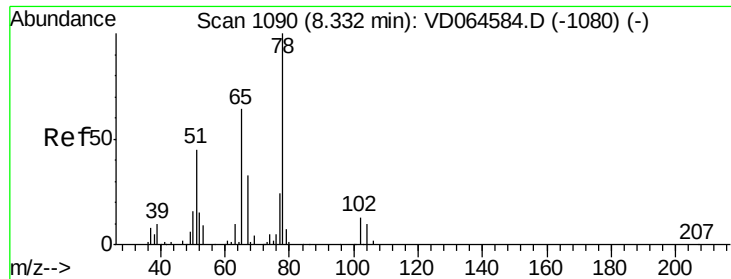
69 123.1 24.7 37.1#

84 119.0 69.4 104.2#



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

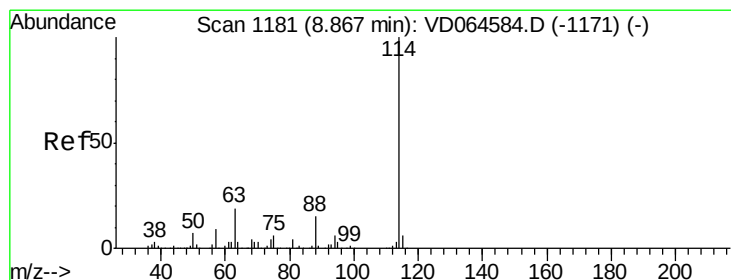
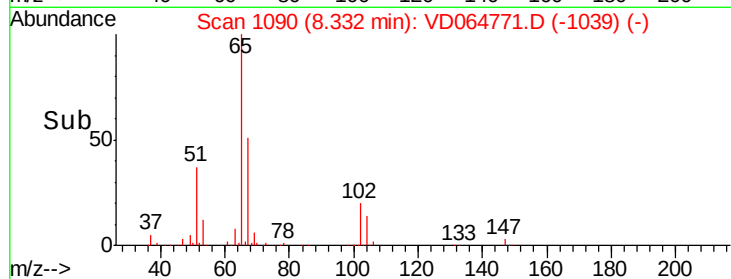
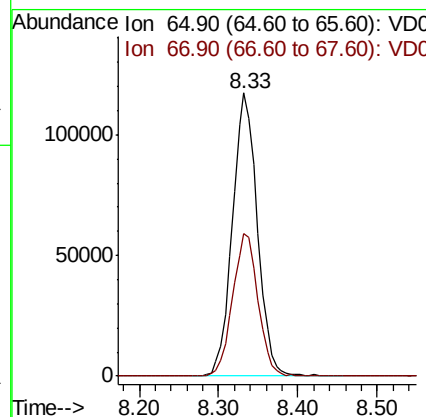
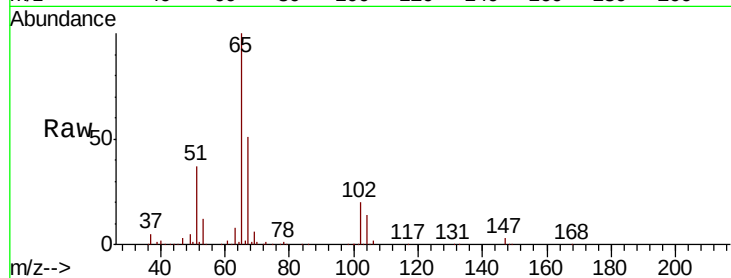




#33
 1,2-Dichloroethane-d4
 Concen: 52.377 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064771.D
 Acq: 06 Jan 2020 14:13

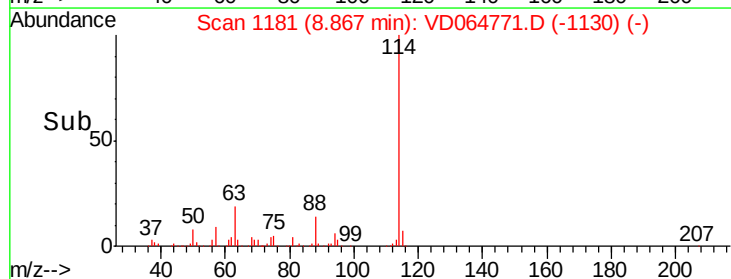
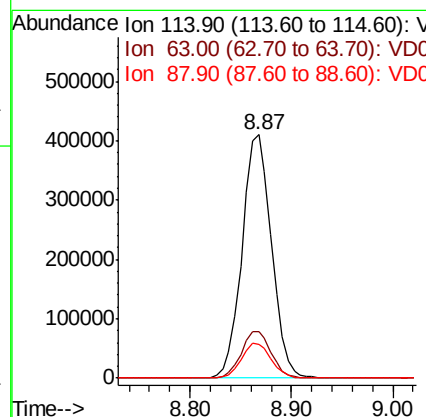
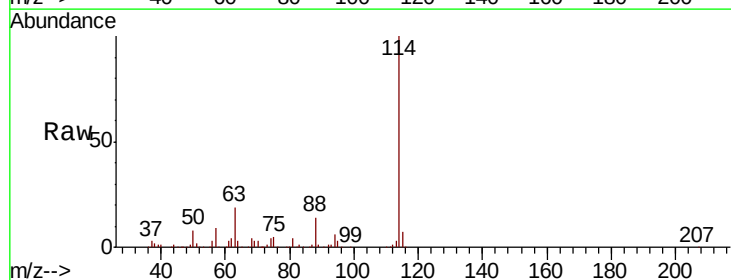
Instrument :
 MSVOA_D
 ClientSampled :

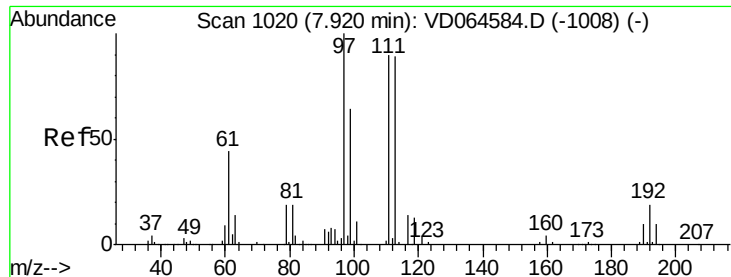
Tot Ion: 65 Resp: 254875
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064771.D
 Acq: 06 Jan 2020 14:13

Tgt Ion: 114 Resp: 826213
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.0
 88 14.0 0.0 29.2

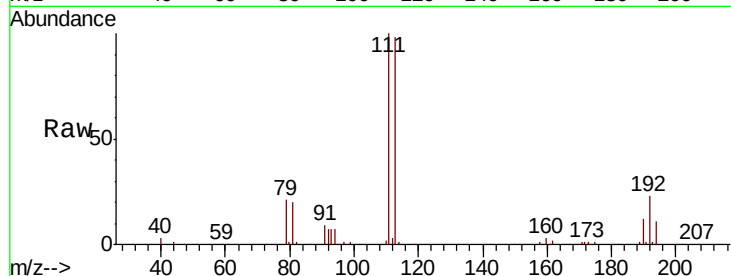




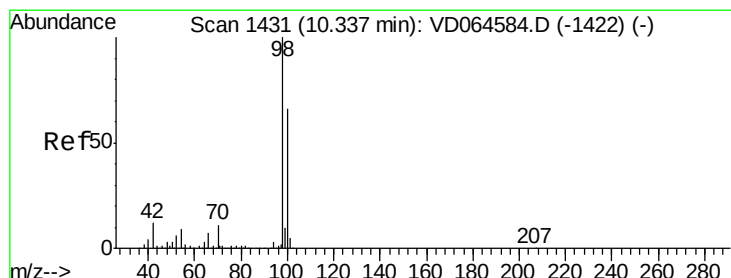
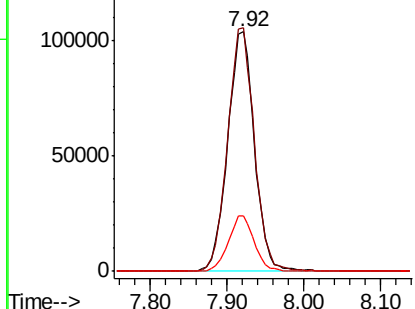
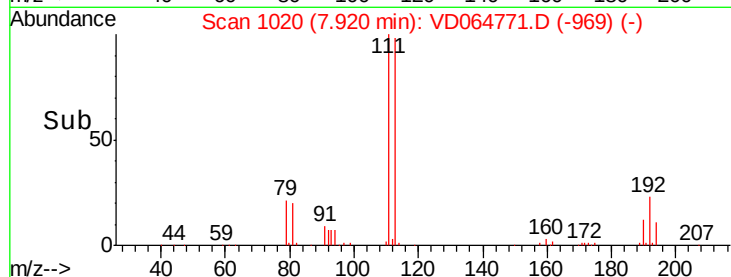
#35
Dibromofluoromethane
Concen: 49.694 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064771.D
Acq: 06 Jan 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	80.6	121.0
192	22.4	17.9	26.9

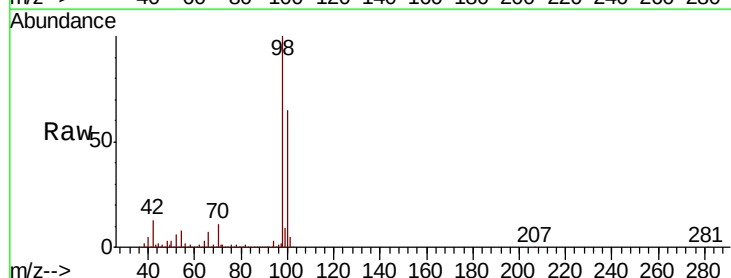


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

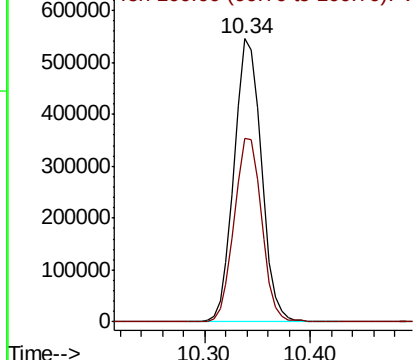
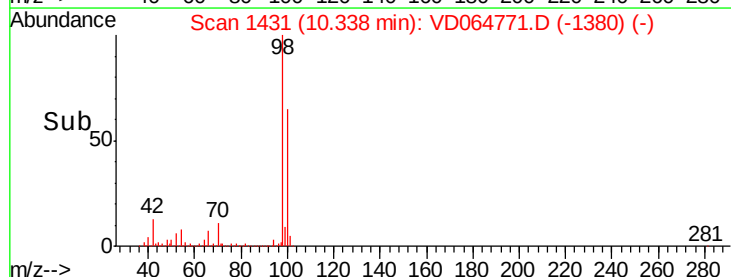


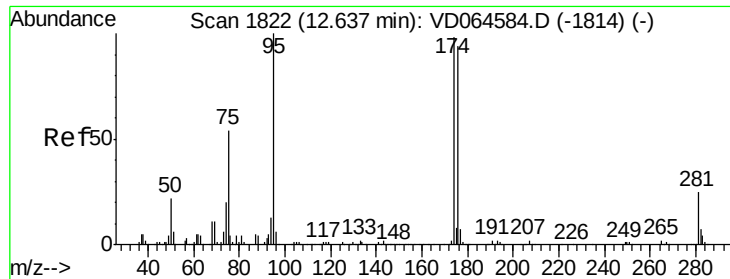
#50
Toluene-d8
Concen: 50.233 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064771.D
Acq: 06 Jan 2020 14:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.7	77.5



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

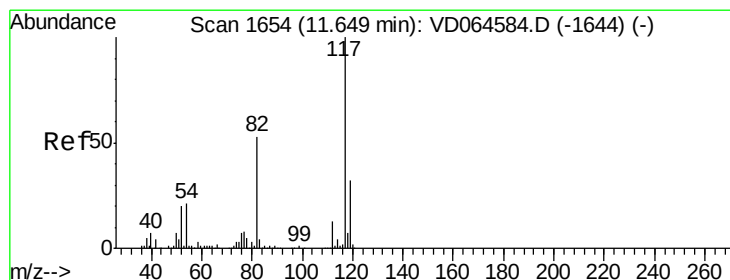
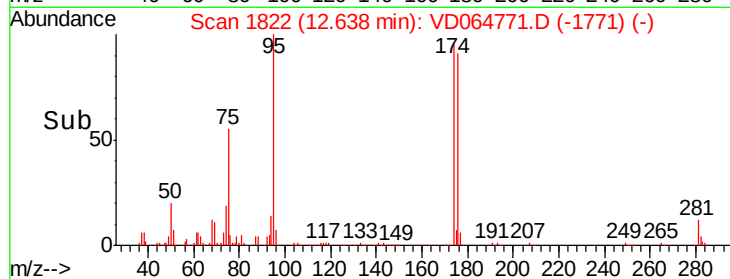
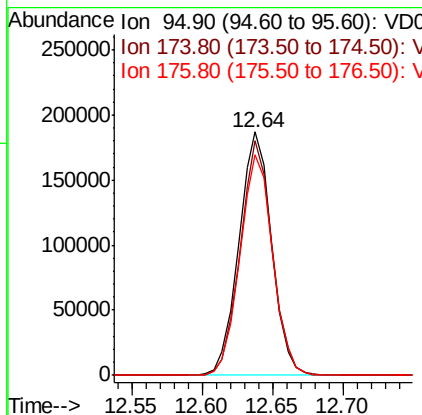
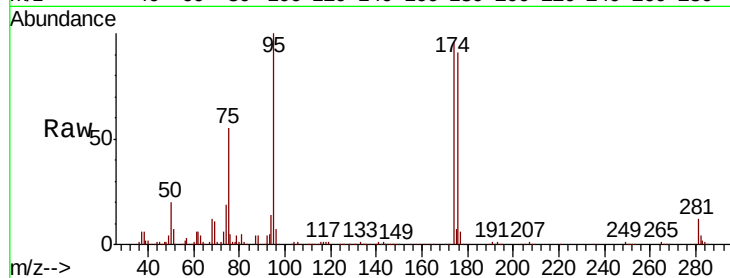




#62
4-Bromofluorobenzene
Concen: 49.094 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064771.D
Acq: 06 Jan 2020 14:13

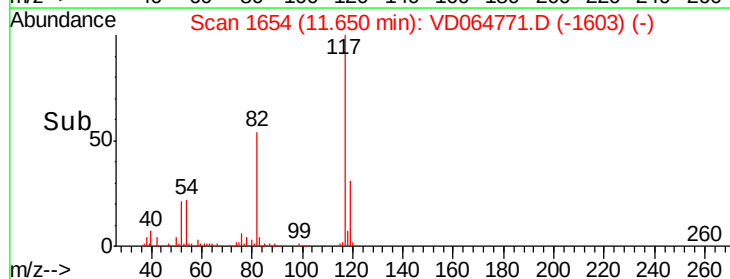
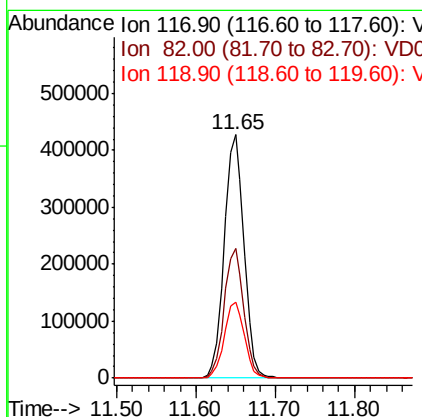
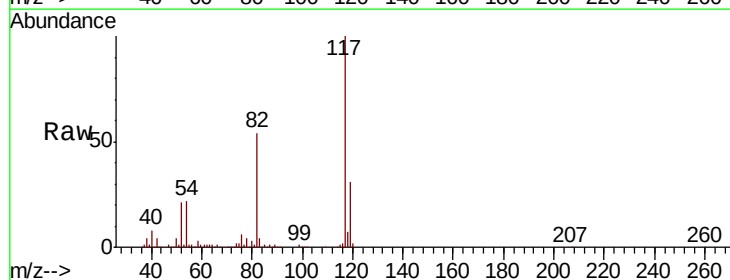
Instrument :
MSVOA_D
ClientSampleId :

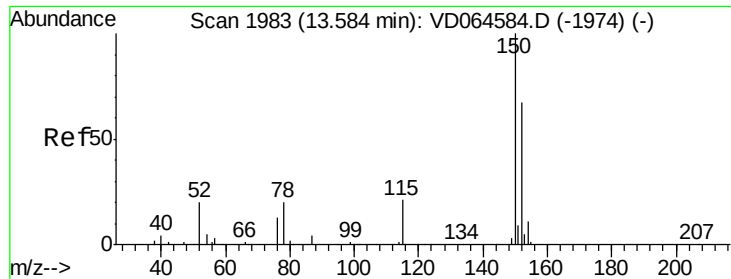
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	193.2
176	90.9	0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064771.D
Acq: 06 Jan 2020 14:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.2	63.4
119	31.4	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: VD064771.D

Acq: 06 Jan 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

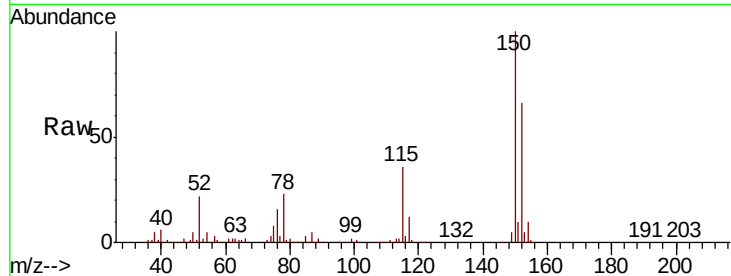
Tot Ion:152 Resp: 342996

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

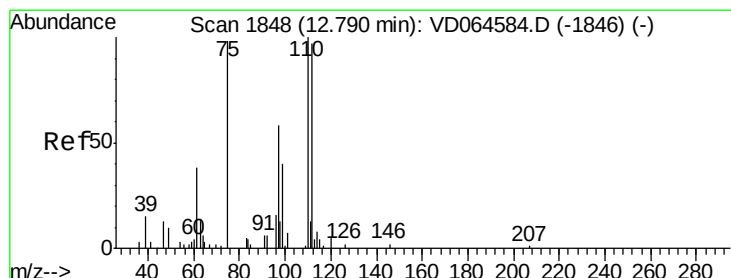
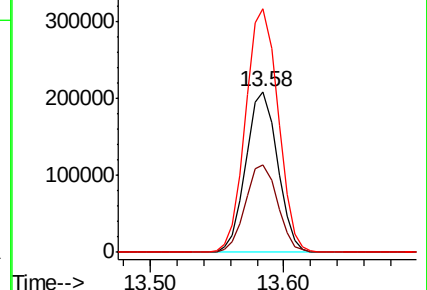
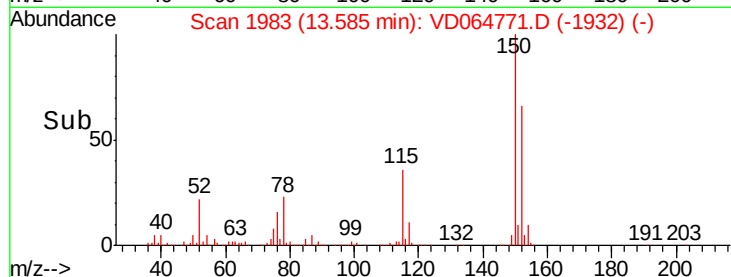
150 155.8 0.0 351.4



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: 61.213 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064771.D

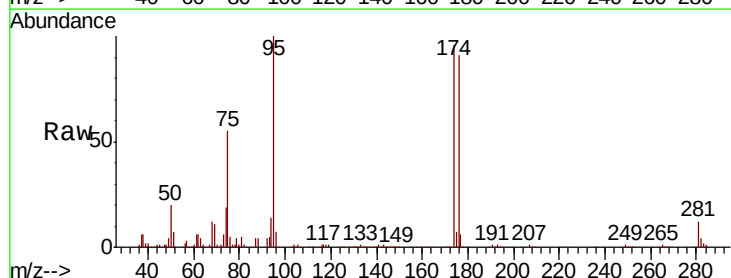
Acq: 06 Jan 2020 14:13

Tgt Ion: 75 Resp: 165795

Ion Ratio Lower Upper

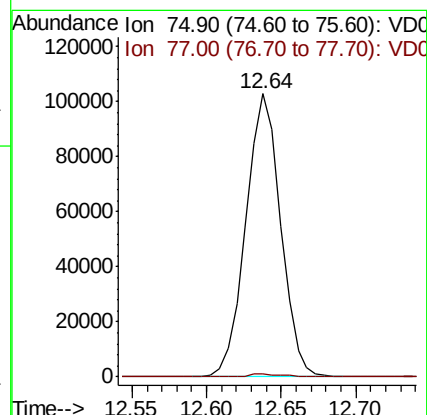
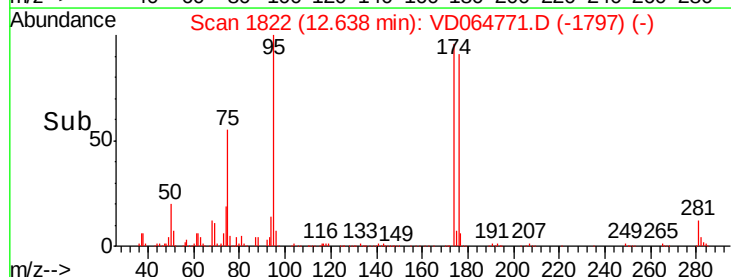
75 100

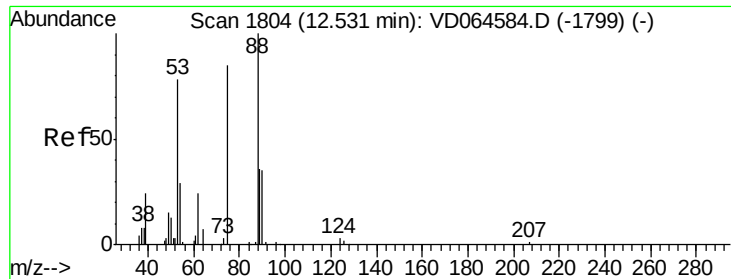
77 1.1 0.0 0.0#



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: 128.024 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064771.D

Acq: 06 Jan 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

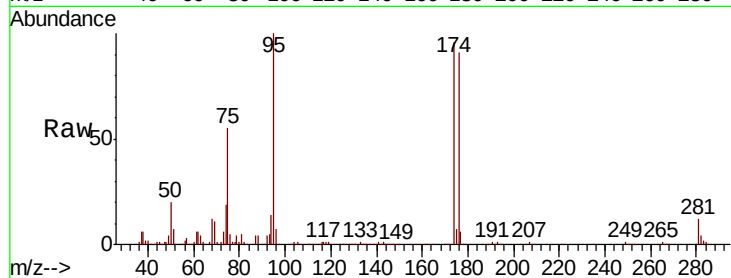
Tot Ion: 75 Resp: 165795

Ion Ratio Lower Upper

75 100

53 0.1 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

