

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064750.D
 Acq On : 04 Jan 2020 00:11
 Operator : VA/SY
 Sample : VD0103SBL02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:50:30 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

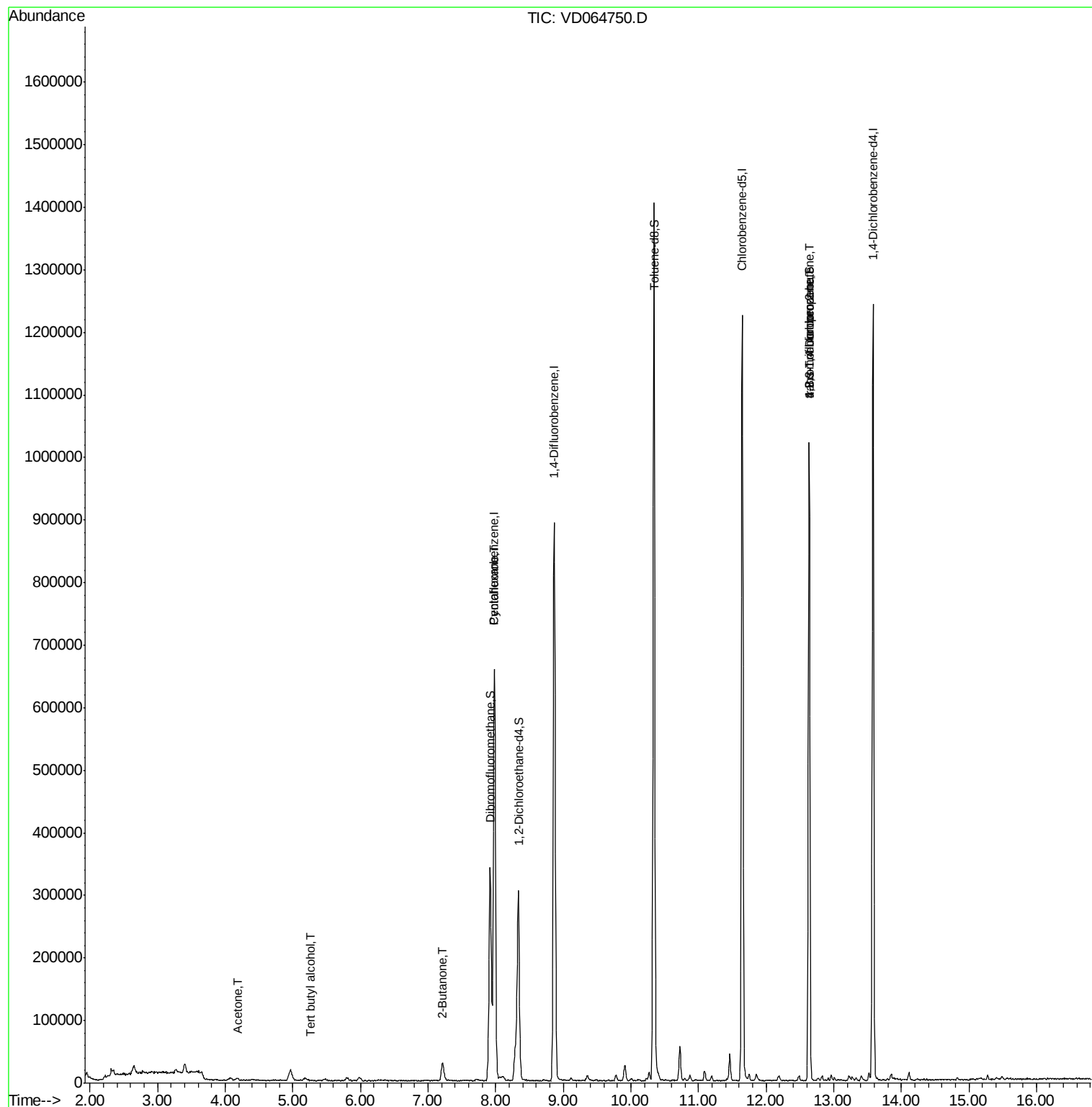
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	507429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	773144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	690791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	319991	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	239011	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
35) Dibromofluoromethane	7.92	113	237783	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.34	98	931484	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.64	95	280785	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.26	59	403	1.572	ug/l #	70
16) Acetone	4.17	43	6907	10.645	ug/l #	84
20) Methylene Chloride	4.97	84	12162	Below Cal		93
25) 2-Butanone	7.21	43	2877	2.339	ug/l	96
31) Cyclohexane	7.98	56	13153	1.577	ug/l #	2
76) 1,2,3-Trichloropropane	12.64	75	149485	59.159	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	149485	123.729	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010320\
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Quant Time: Jan 06 06:50:30 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# 1031

Delta R.T. 0.00 min

Lab File: VD064750.D

Acq: 04 Jan 2020 00:11

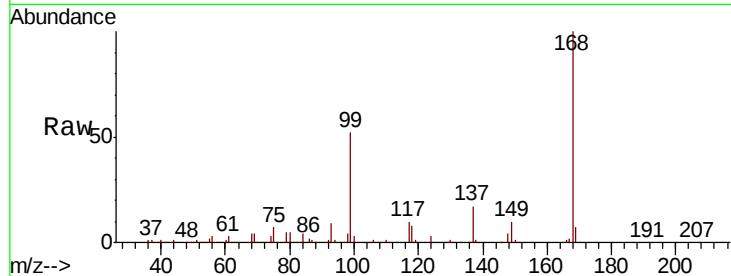
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 507429

Ion Ratio Lower Upper

168 100

99 51.3 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

200000

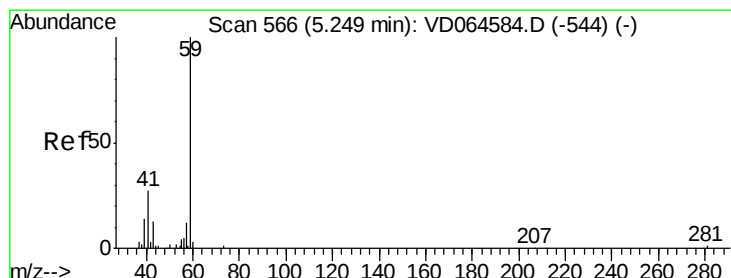
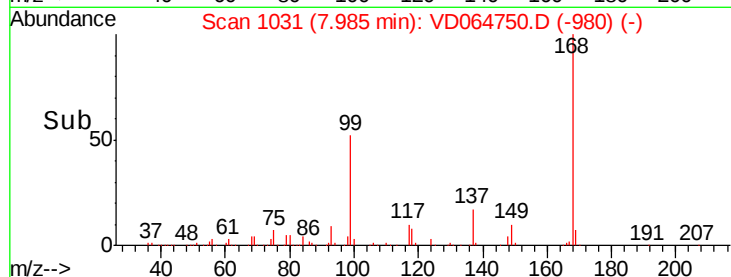
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.572 ug/l

RT: 5.26 min Scan# 567

Delta R.T. 0.01 min

Lab File: VD064750.D

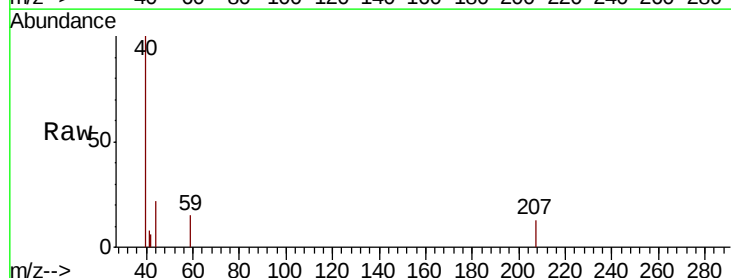
Acq: 04 Jan 2020 00:11

Tgt Ion: 59 Resp: 403

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

400

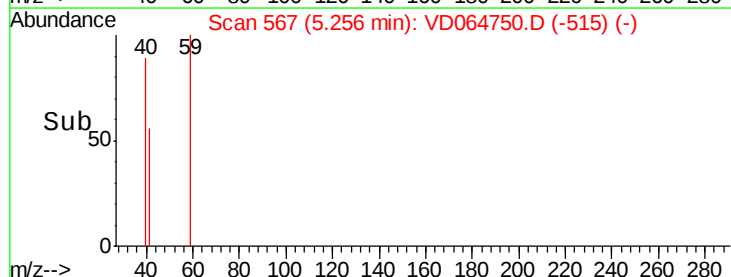
300

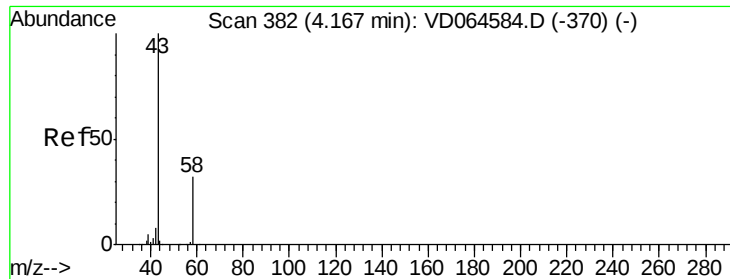
200

100

0

Time-->





#16

Acetone

Concen: 10.645 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064750.D

Acq: 04 Jan 2020 00:11

Instrument :

MSVOA_D

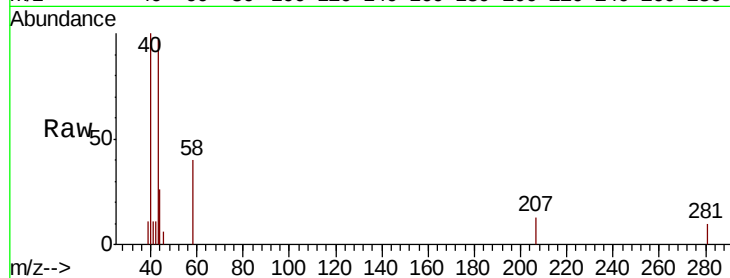
ClientSampled :

Tot Ion: 43 Resp: 6907

Ion Ratio Lower Upper

43 100

58 41.3 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

2500

2000

1500

1000

500

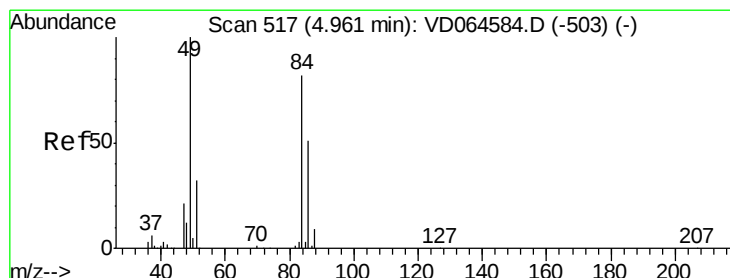
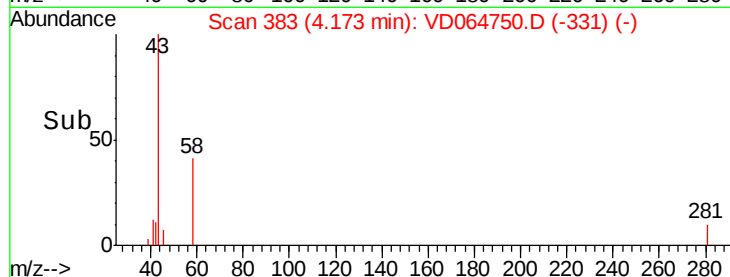
0

4.10

4.20

4.30

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD064750.D

Acq: 04 Jan 2020 00:11

Tgt Ion: 84 Resp: 12162

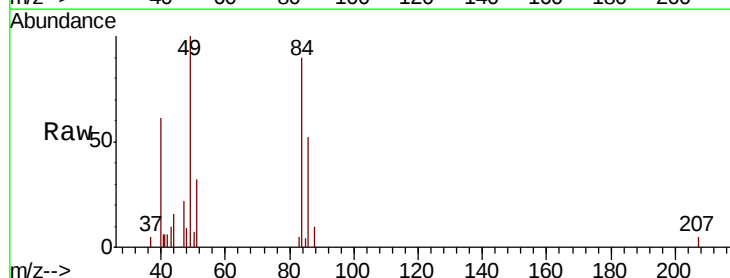
Ion Ratio Lower Upper

84 100

49 111.6 97.2 145.8

51 36.2 31.4 47.0

86 57.5 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

8000

6000

4000

2000

0

4.85

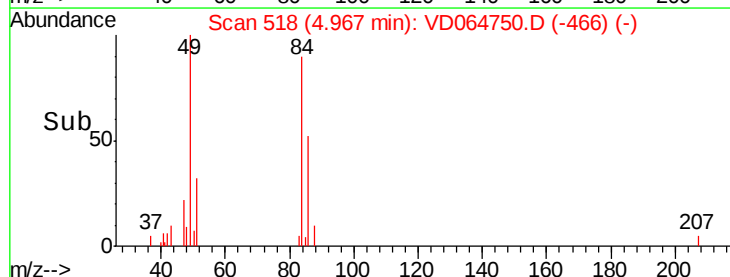
4.90

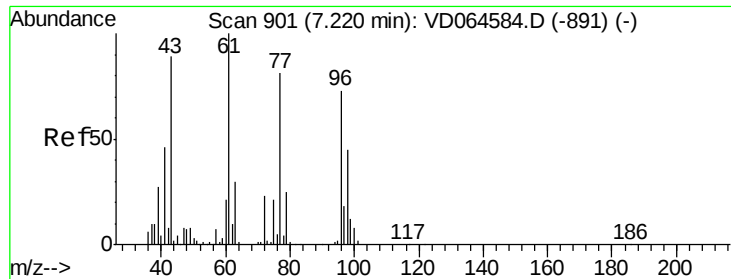
4.95

5.00

5.05

Time-->





#25

2-Butanone

Concen: 2.339 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064750.D

Acq: 04 Jan 2020 00:11

Instrument :

MSVOA_D

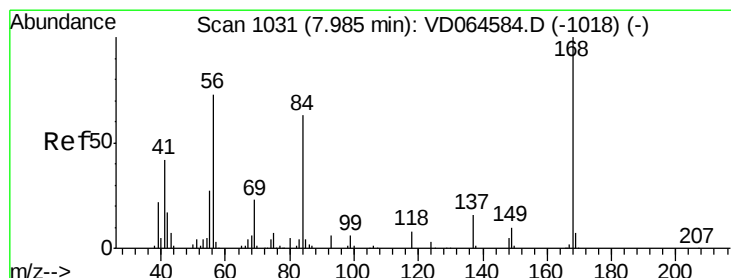
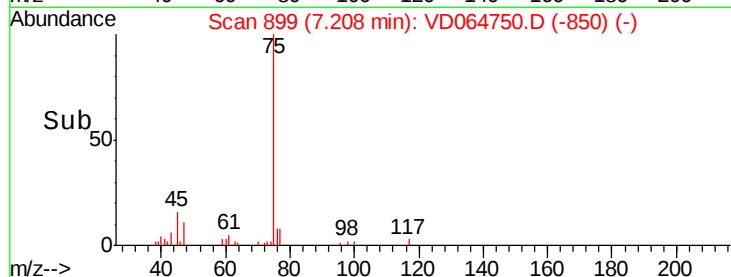
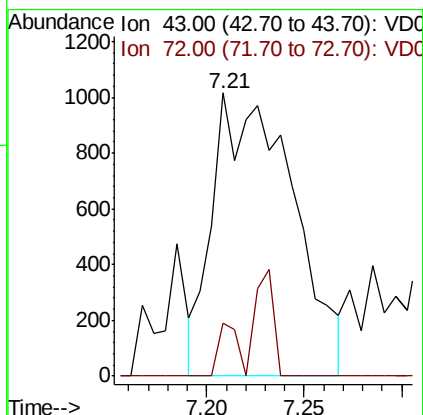
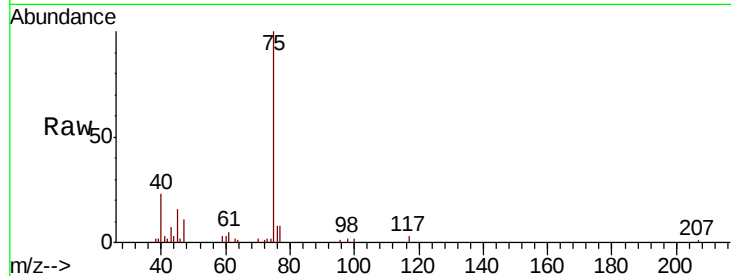
ClientSampled :

Tot Ion: 43 Resp: 2877

Ion Ratio Lower Upper

43 100

72 23.6 20.7 31.1



#31

Cyclohexane

Concen: 1.577 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064750.D

Acq: 04 Jan 2020 00:11

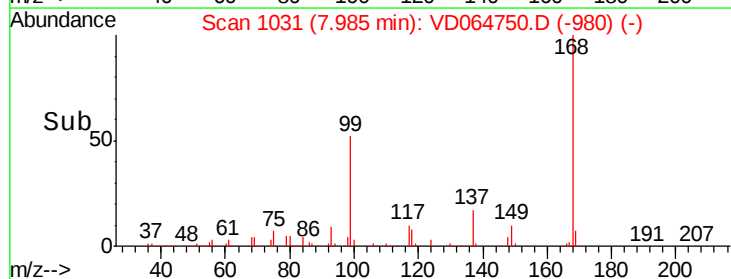
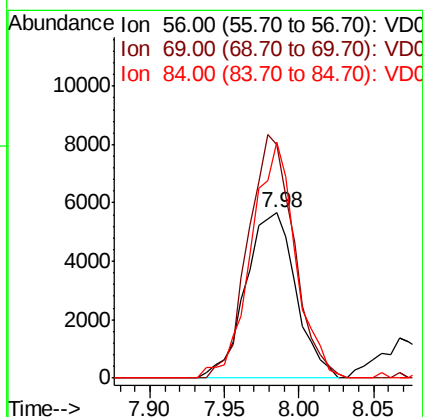
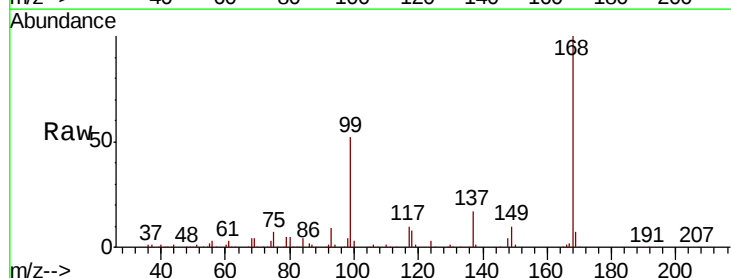
Tgt Ion: 56 Resp: 13153

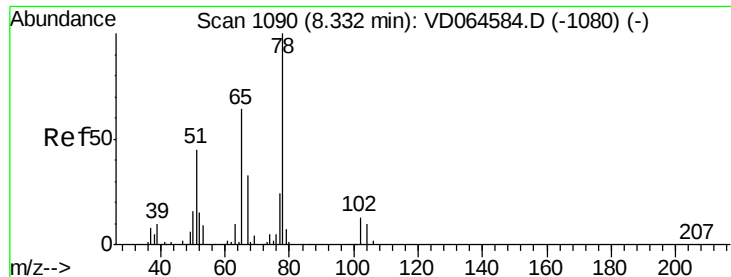
Ion Ratio Lower Upper

56 100

69 141.7 24.7 37.1#

84 143.1 69.4 104.2#

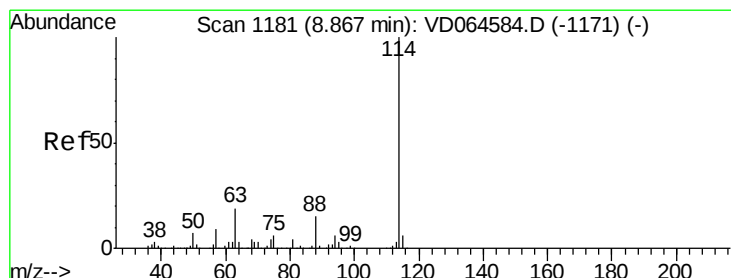
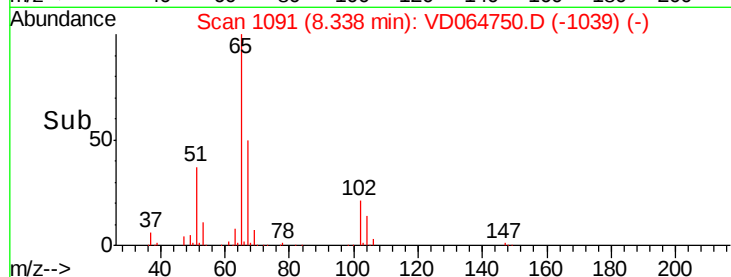
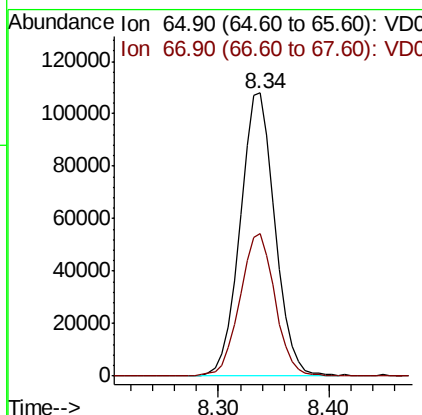
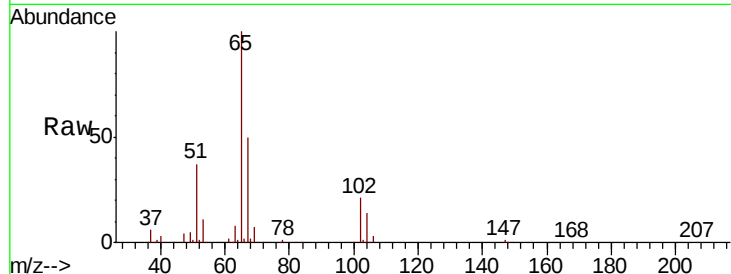




#33
 1,2-Dichloroethane-d4
 Concen: 53.417 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064750.D
 Acq: 04 Jan 2020 00:11

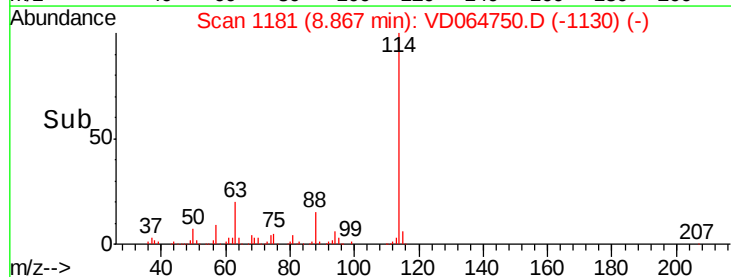
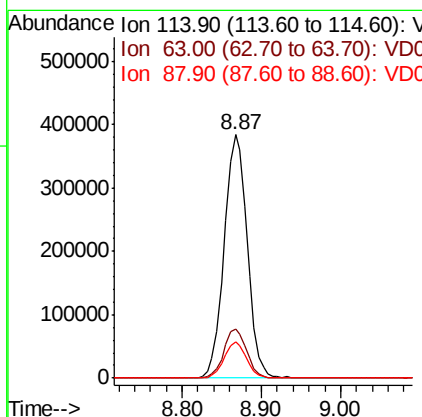
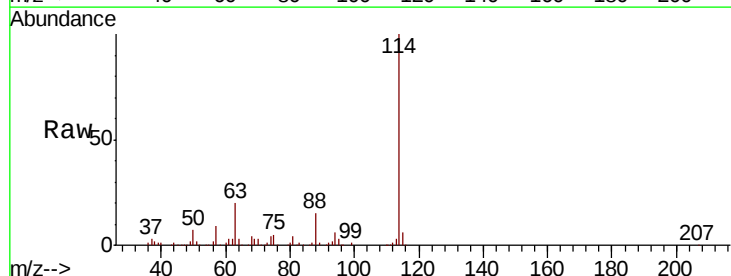
Instrument :
 MSVOA_D
 ClientSampleId :

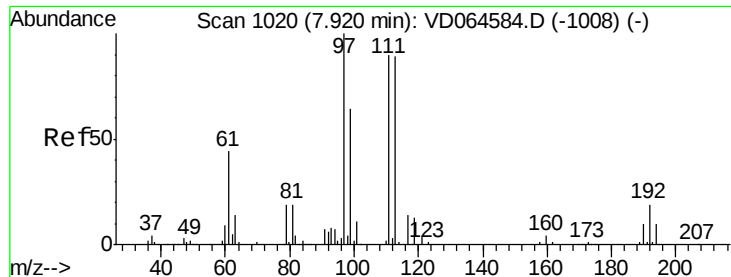
Tot Ion: 65 Resp: 239011
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064750.D
 Acq: 04 Jan 2020 00:11

Tgt Ion: 114 Resp: 773144
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 14.8 0.0 29.2

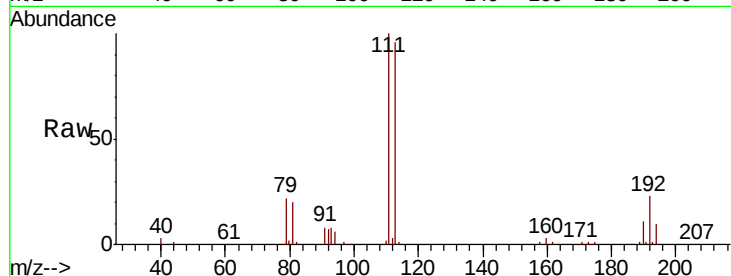




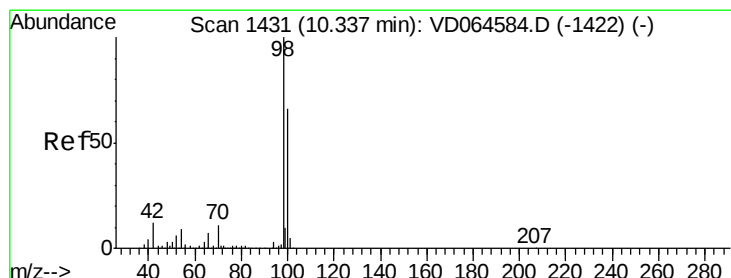
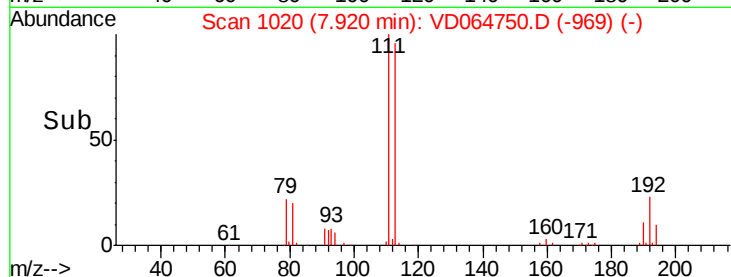
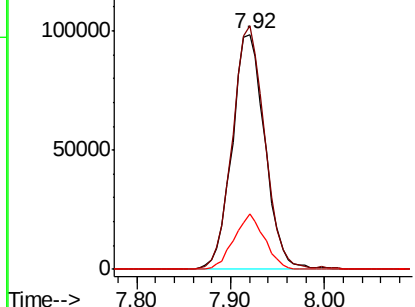
#35
 Dibromofluoromethane
 Concen: 50.130 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064750.D
 Acq: 04 Jan 2020 00:11

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.6	121.0
192	22.1	17.9	26.9

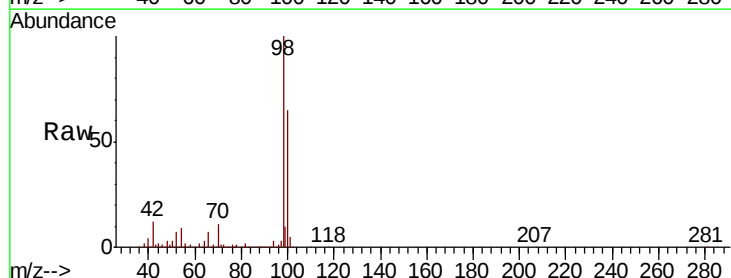


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

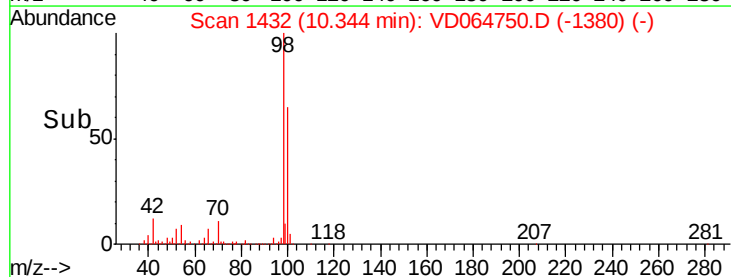
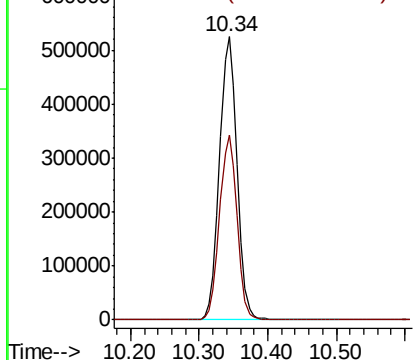


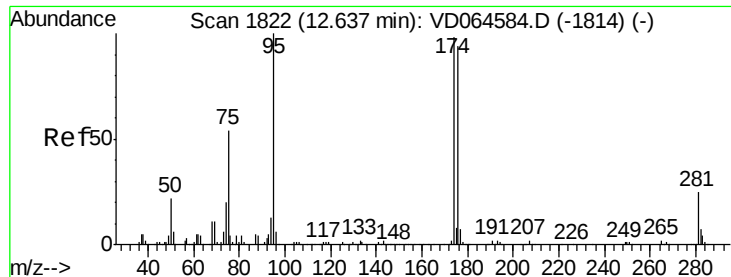
#50
 Toluene-d8
 Concen: 51.275 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064750.D
 Acq: 04 Jan 2020 00:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5



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

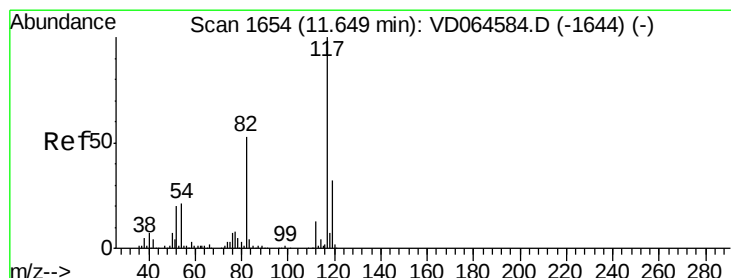
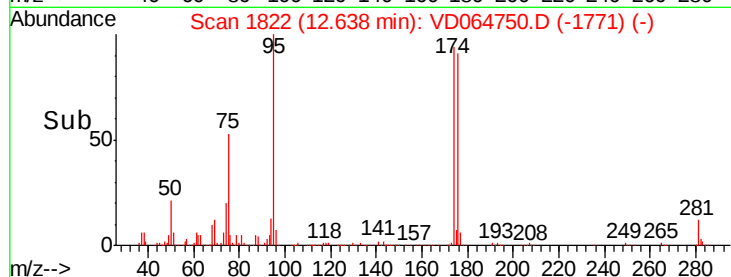
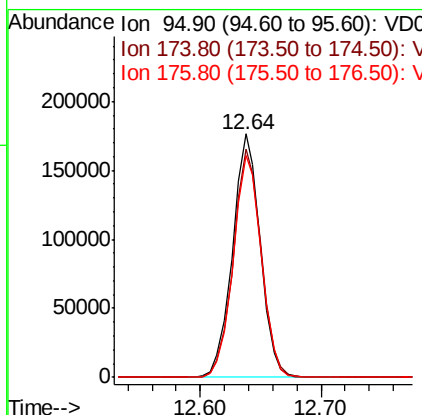
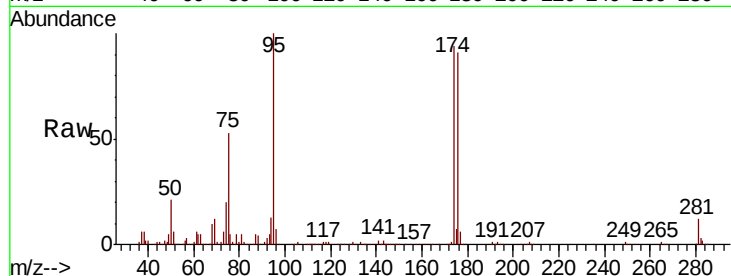




#62
4-Bromofluorobenzene
Concen: 48.879 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064750.D
Acq: 04 Jan 2020 00:11

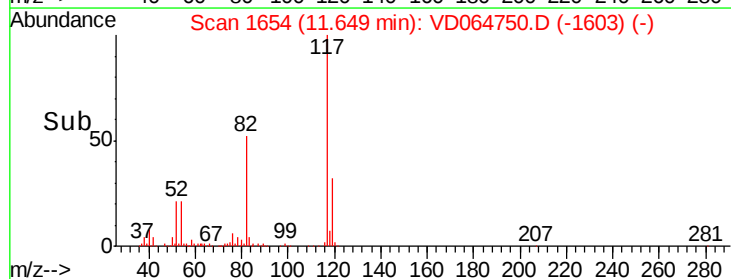
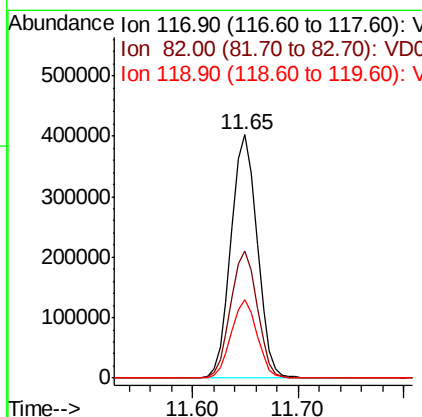
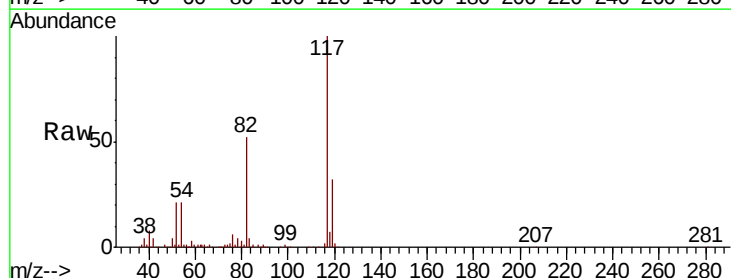
Instrument :
MSVOA_D
ClientSampleId :

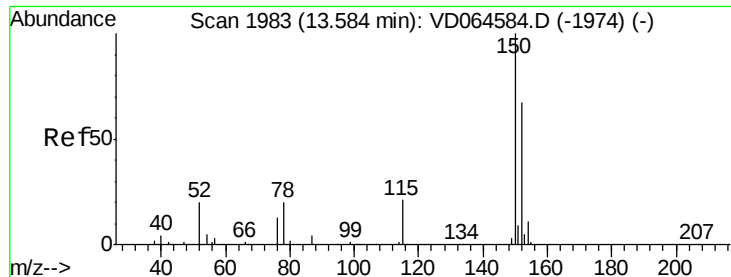
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	193.2
176	92.4	0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064750.D
Acq: 04 Jan 2020 00:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.2	63.4
119	32.4	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: VD064750.D

Acq: 04 Jan 2020 00:11

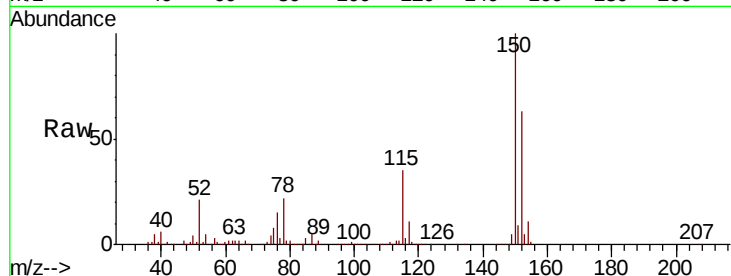
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:152 Resp: 319991

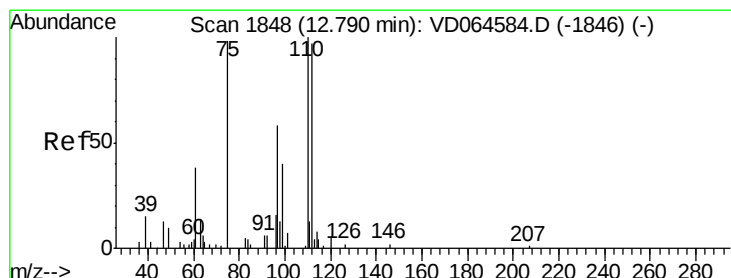
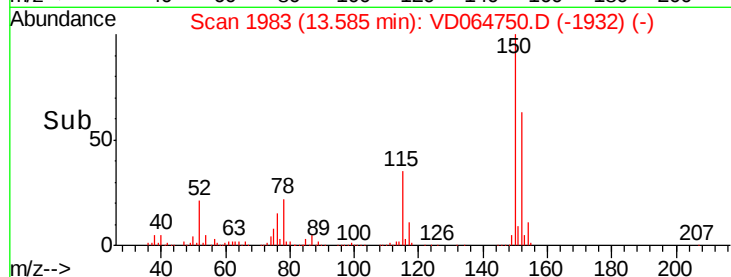
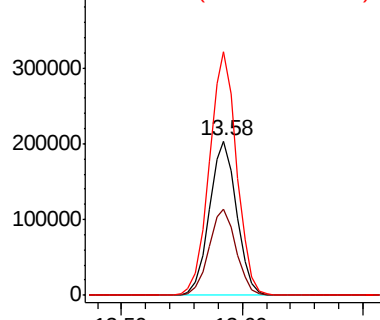
Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.8	83.4
150	157.9	0.0	351.4



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



#76

1,2,3-Trichloropropane

Concen: 59.159 ug/l

RT: 12.64 min Scan# 1822

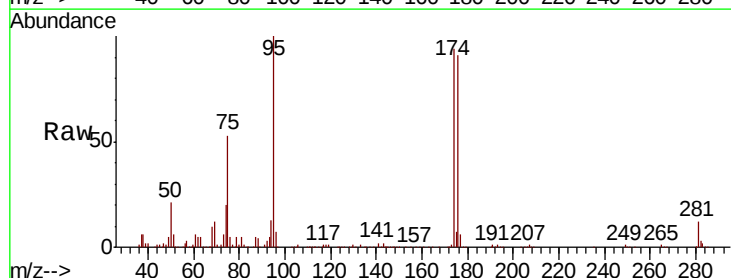
Delta R.T. -0.15 min

Lab File: VD064750.D

Acq: 04 Jan 2020 00:11

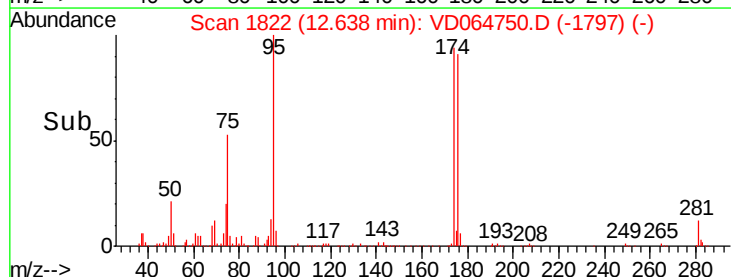
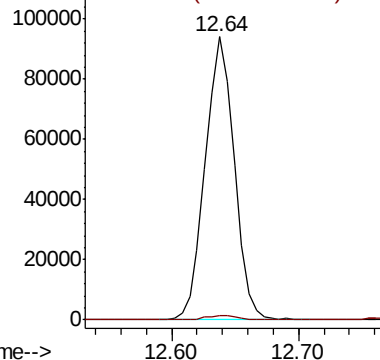
Tgt Ion: 75 Resp: 149485

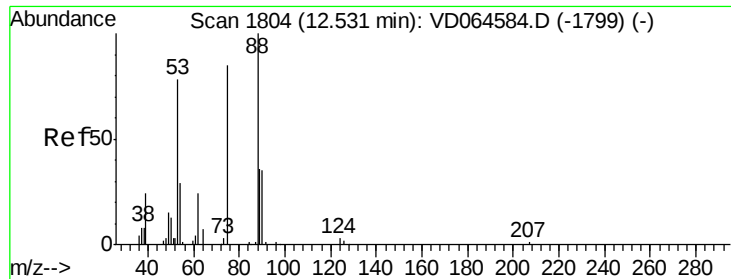
Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#



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: 123.729 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064750.D

Acq: 04 Jan 2020 00:11

Instrument :

MSVOA_D

ClientSampleId :

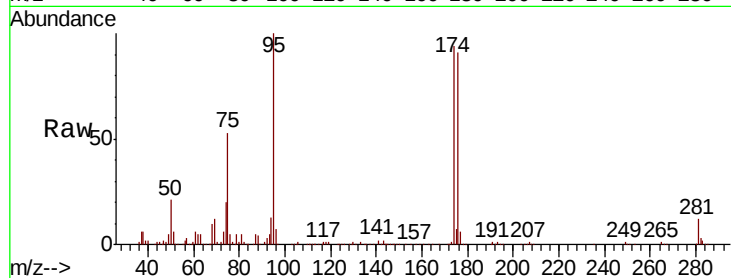
Tot Ion: 75 Resp: 149485

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.3 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

