

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081920\
 Data File : VD066317.D
 Acq On : 19 Aug 2020 14:36
 Operator : VA/SY
 Sample : L3700-06RE
 Misc : 8.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S407-K-SO-1-1.5-081420RE

Quant Time: Aug 19 16:00:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

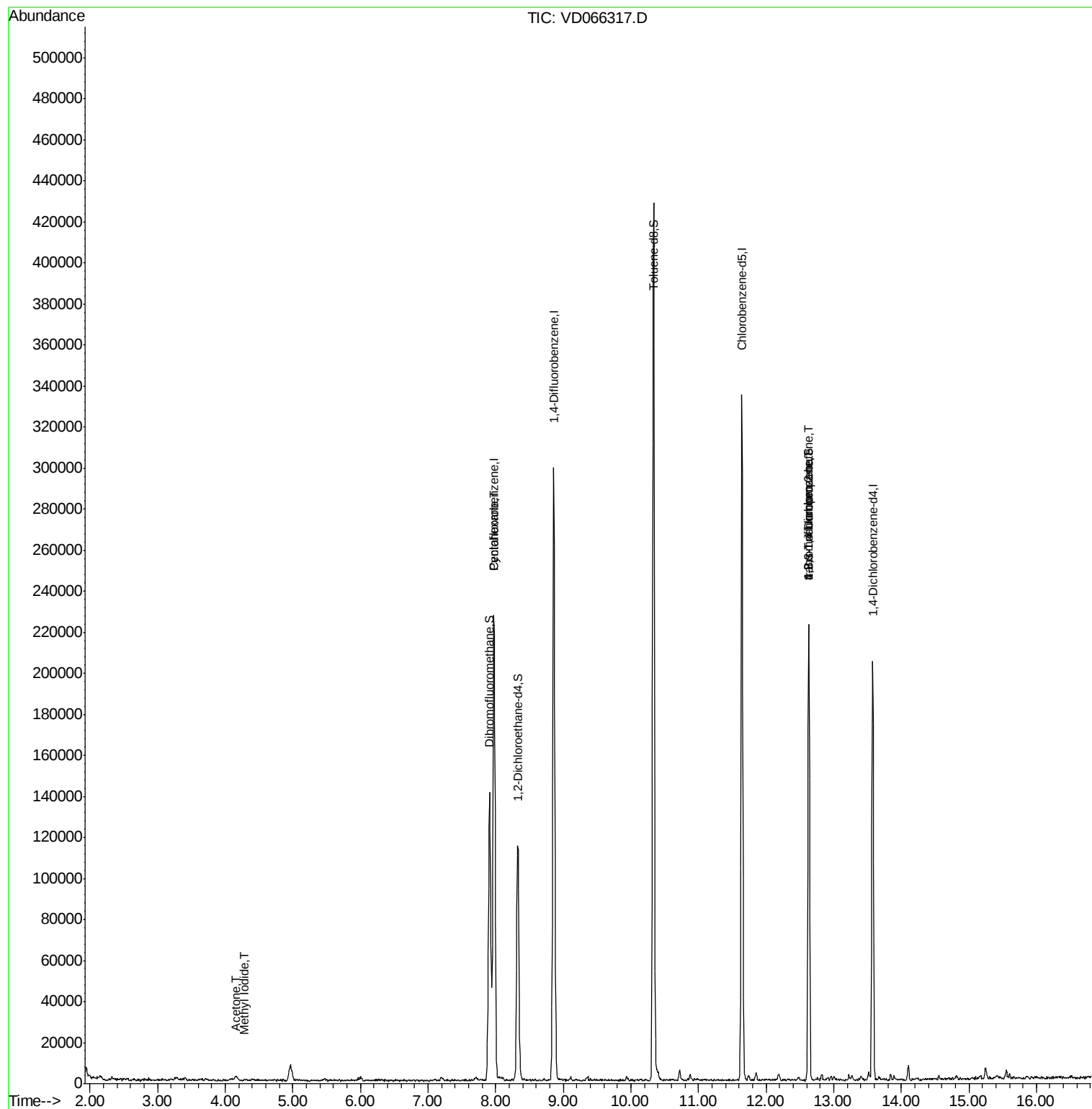
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	174912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	265577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	194235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	56747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	100619	64.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.96%	
35) Dibromofluoromethane	7.91	113	100728	59.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.74%	
50) Toluene-d8	10.34	98	296299	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
62) 4-Bromofluorobenzene	12.63	95	68999	30.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.66%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.29	142	292	6.880	ug/l #	39
11) Tert butyl alcohol	5.19	59	69	Below Cal	#	76
16) Acetone	4.16	43	3362	11.355	ug/l #	88
20) Methylene Chloride	4.95	84	5655	Below Cal		84
31) Cyclohexane	7.97	56	3909	1.430	ug/l #	33
76) 1,2,3-Trichloropropane	12.63	75	35513	75.044	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	35513	165.889	ug/l #	13

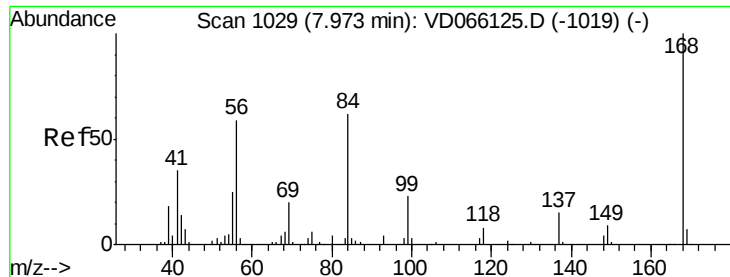
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S407-K-SO-1-1.5-081420RE

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066317.D

Acq: 19 Aug 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

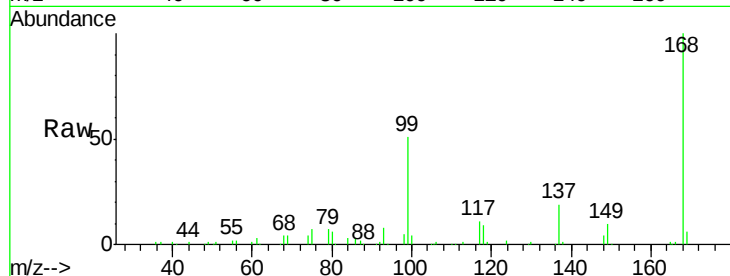
S407-K-SO-1-1.5-081420RE

Tgt Ion:168 Resp: 174912

Ion Ratio Lower Upper

168 100

99 50.3 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.97

80000

60000

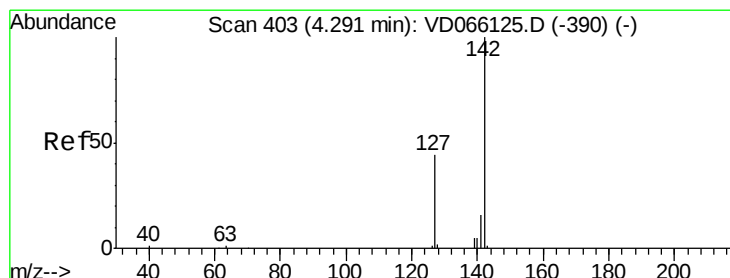
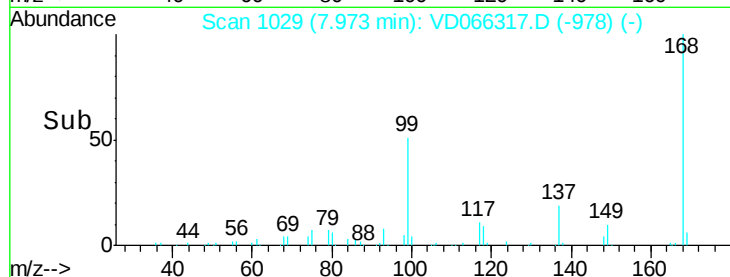
40000

20000

0

Time-->

7.90 7.95 8.00 8.05



#10

Methyl Iodide

Concen: 6.880 ug/l

RT: 4.29 min Scan# 402

Delta R.T. -0.00 min

Lab File: VD066317.D

Acq: 19 Aug 2020 14:36

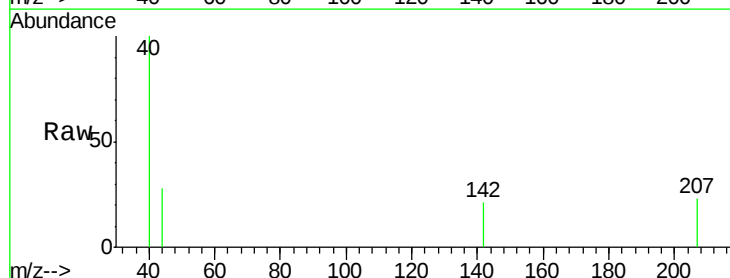
Tgt Ion:142 Resp: 292

Ion Ratio Lower Upper

142 100

127 0.0 36.2 54.4#

141 0.0 12.6 18.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

500

400

300

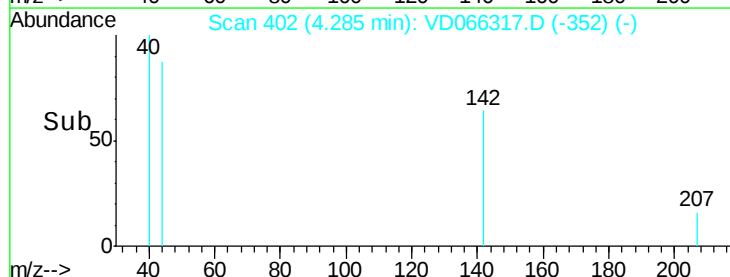
200

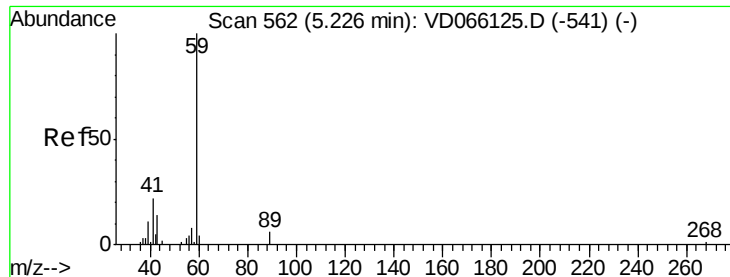
100

0

Time-->

4.26 4.28 4.30

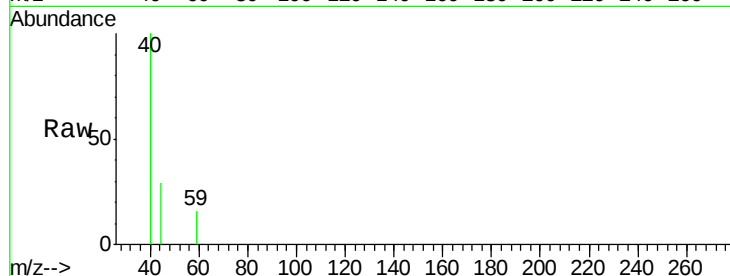




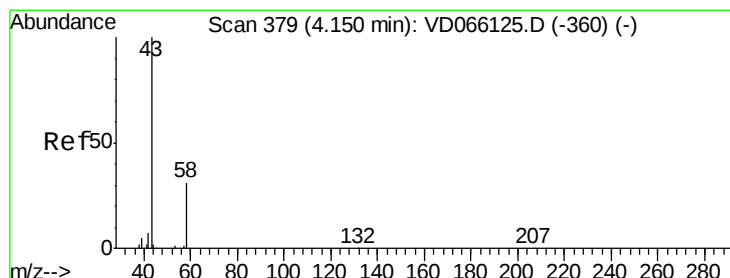
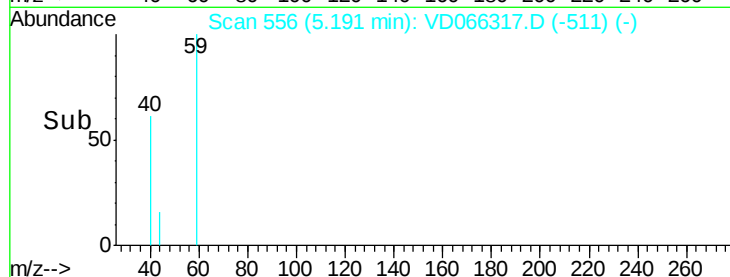
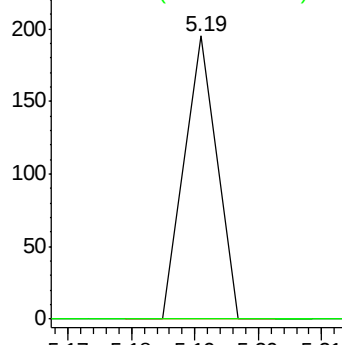
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.19 min Scan# 556
Delta R.T. -0.04 min
Lab File: VD066317.D
Acq: 19 Aug 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
S407-K-SO-1-1.5-081420RE

Tgt Ion: 59 Resp: 69
Ion Ratio Lower Upper
59 100
57 0.0 7.0 10.4#

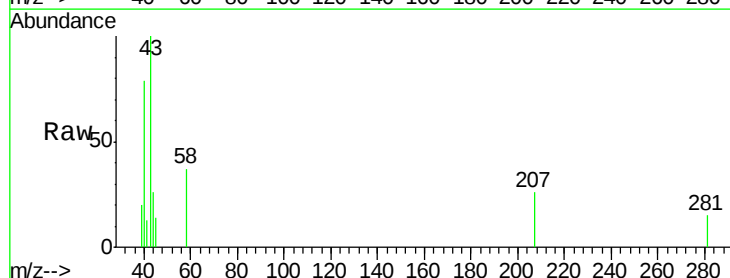


Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC

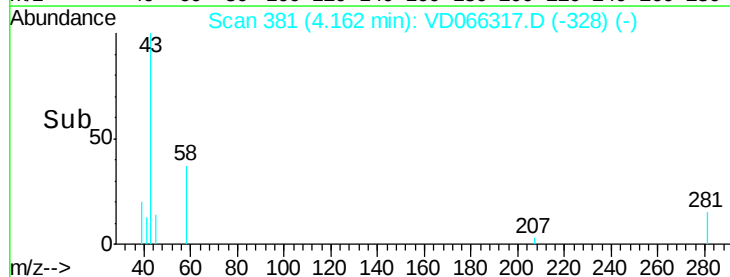
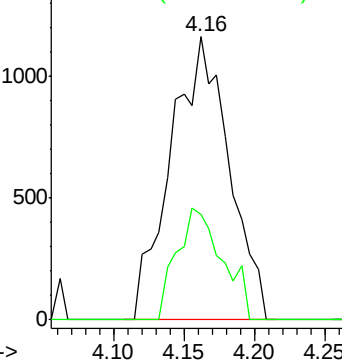


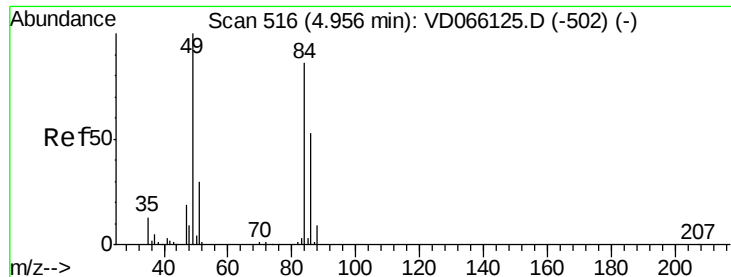
#16
Acetone
Concen: 11.355 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066317.D
Acq: 19 Aug 2020 14:36

Tgt Ion: 43 Resp: 3362
Ion Ratio Lower Upper
43 100
58 37.5 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

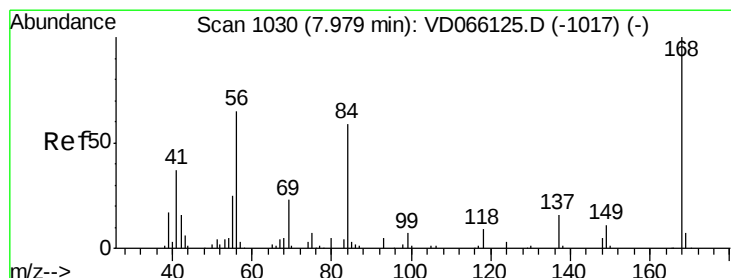
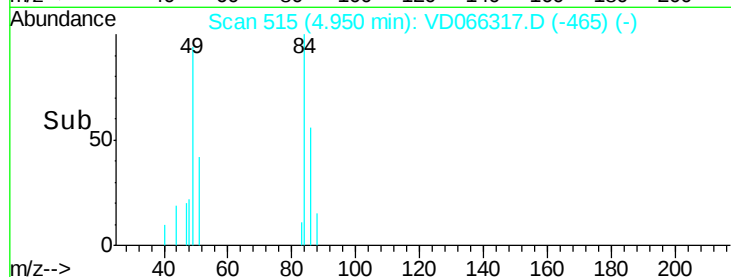
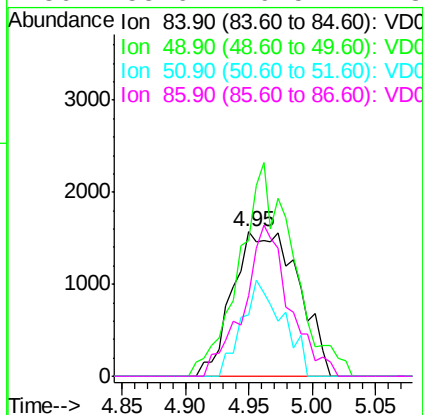
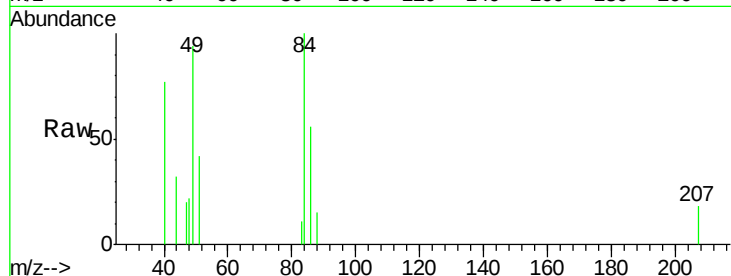




#20
Methylene Chloride
Concen: Below Cal
RT: 4.95 min Scan# 515
Delta R.T. -0.01 min
Lab File: VD066317.D
Acq: 19 Aug 2020 14:36

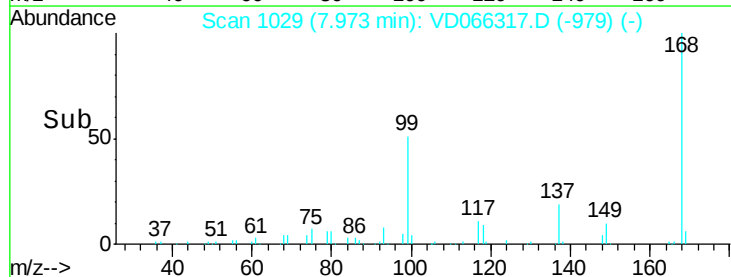
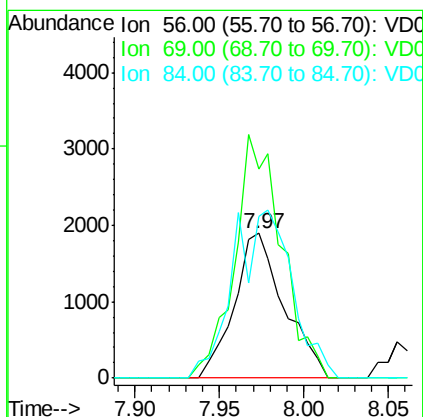
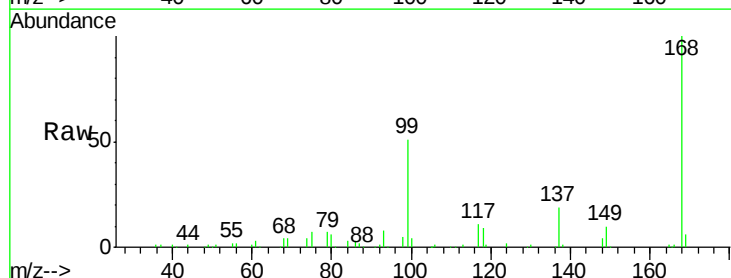
Instrument :
MSVOA_D
ClientSampleId :
S407-K-SO-1-1.5-081420RE

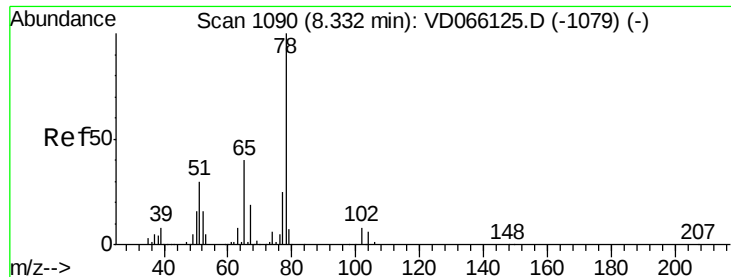
Tgt Ion:	84	Resp:	5655
Ion	Ratio	Lower	Upper
84	100		
49	93.6	93.5	140.3
51	42.1	28.2	42.4
86	55.6	49.5	74.3



#31
Cyclohexane
Concen: 1.430 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066317.D
Acq: 19 Aug 2020 14:36

Tgt Ion:	56	Resp:	3909
Ion	Ratio	Lower	Upper
56	100		
69	144.5	28.8	43.2#
84	111.2	73.0	109.6#

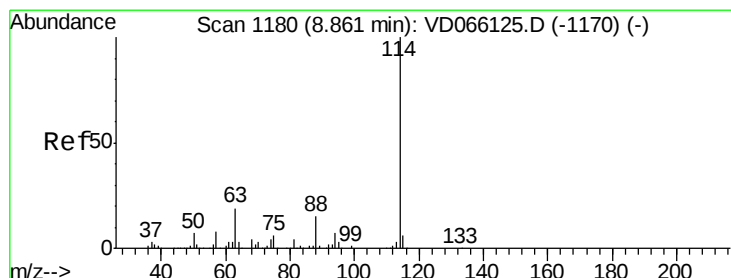
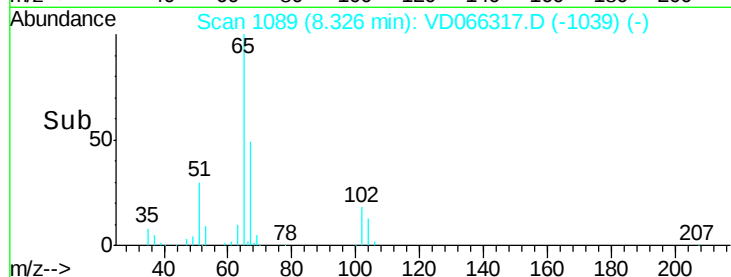
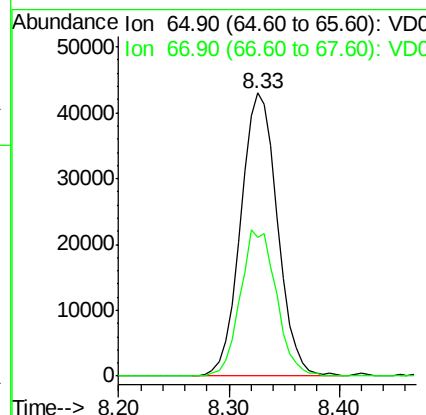
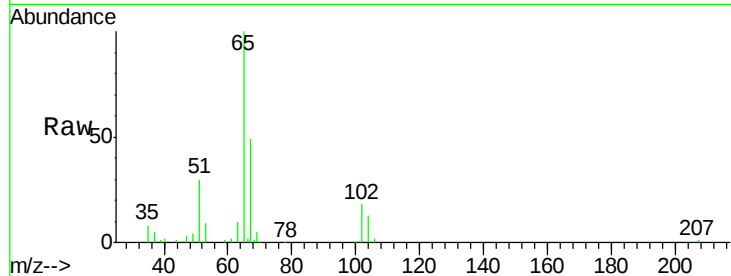




#33
 1,2-Dichloroethane-d4
 Concen: 64.480 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066317.D
 Acq: 19 Aug 2020 14:36

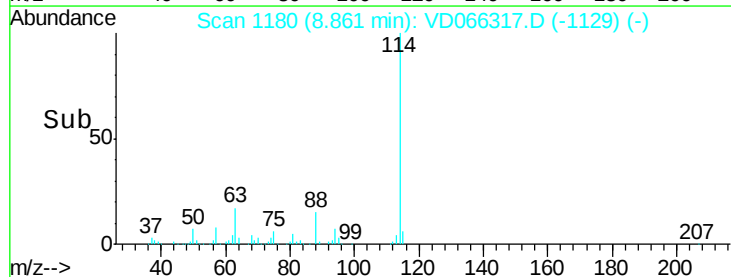
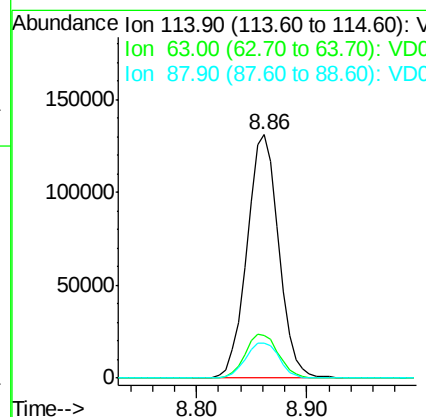
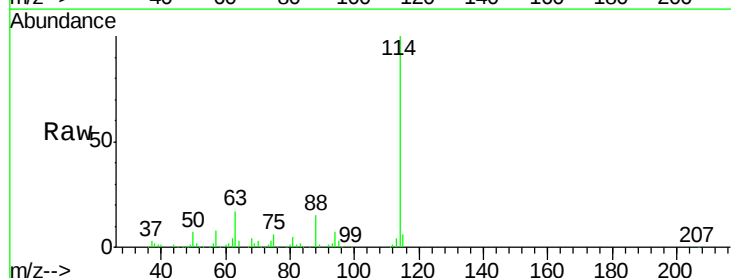
Instrument :
 MSVOA_D
 ClientSampleId :
 S407-K-SO-1-1.5-081420RE

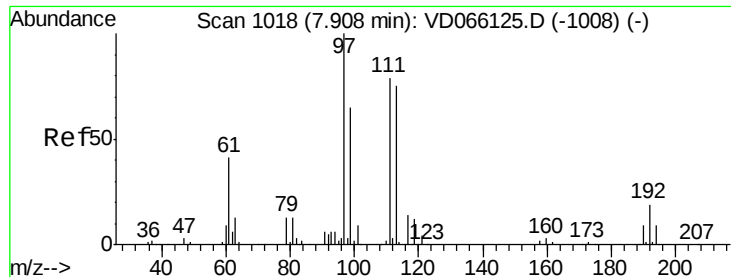
Tgt Ion: 65 Resp: 100619
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066317.D
 Acq: 19 Aug 2020 14:36

Tgt Ion: 114 Resp: 265577
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 38.6
 88 14.5 0.0 30.0

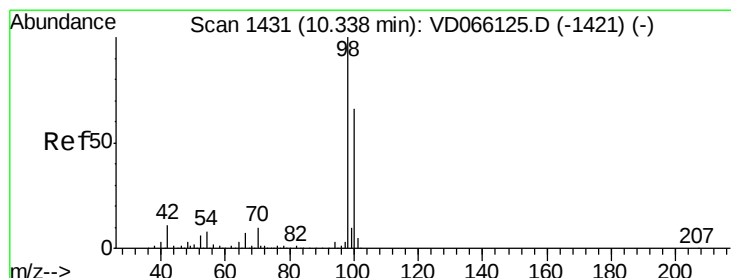
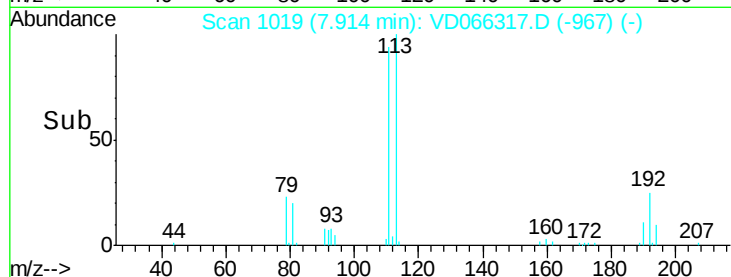
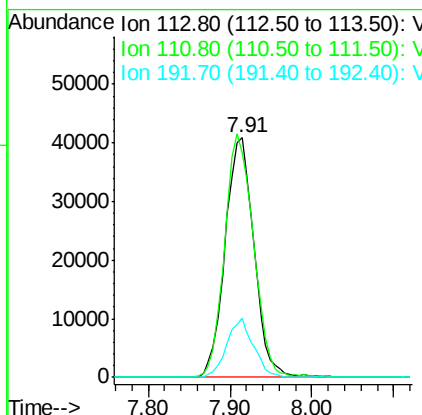
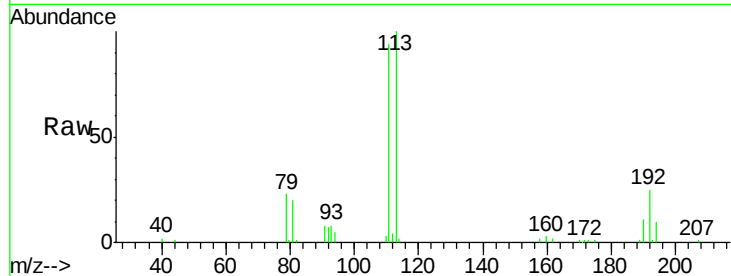




#35
 Dibromofluoromethane
 Concen: 59.871 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066317.D
 Acq: 19 Aug 2020 14:36

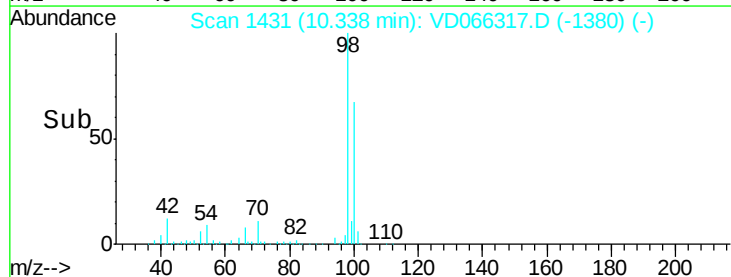
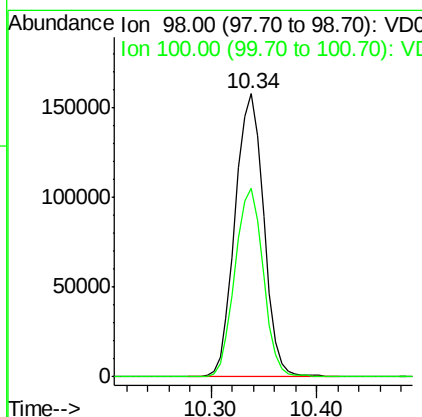
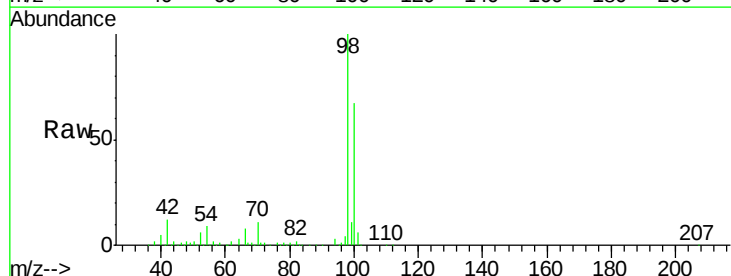
Instrument :
 MSVOA_D
 ClientSampleId :
 S407-K-SO-1-1.5-081420RE

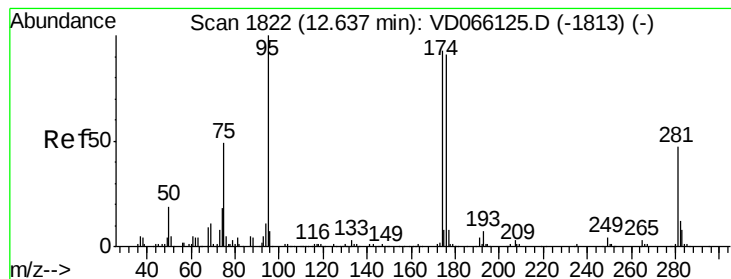
Tgt Ion:113 Resp: 100728
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.7 121.1
 192 22.6 18.4 27.6



#50
 Toluene-d8
 Concen: 47.725 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066317.D
 Acq: 19 Aug 2020 14:36

Tgt Ion: 98 Resp: 296299
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 30.832 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066317.D

Acq: 19 Aug 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

S407-K-SO-1-1.5-081420RE

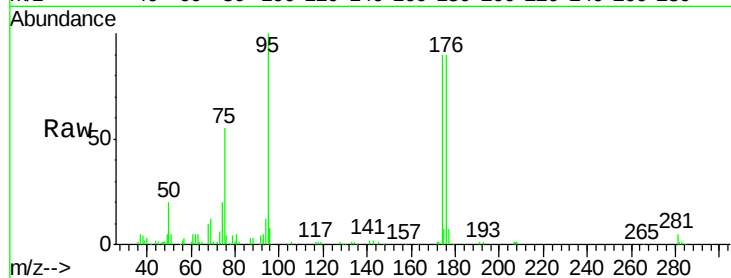
Tgt Ion: 95 Resp: 68999

Ion Ratio Lower Upper

95 100

174 90.9 0.0 180.8

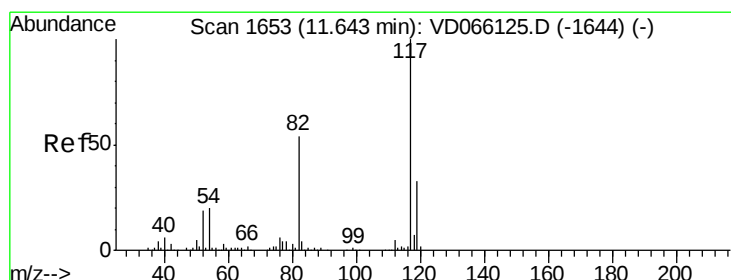
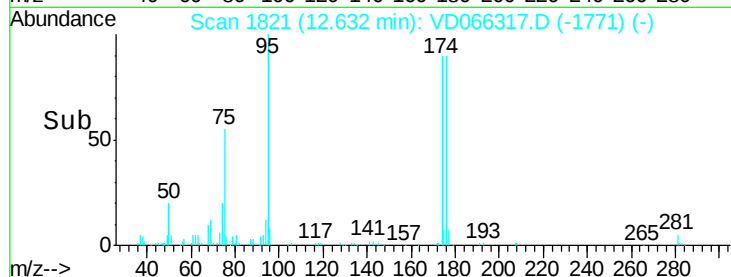
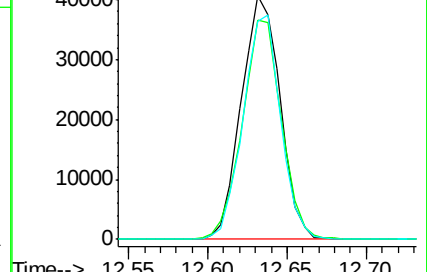
176 89.2 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066317.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD066317.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066317.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066317.D

Acq: 19 Aug 2020 14:36

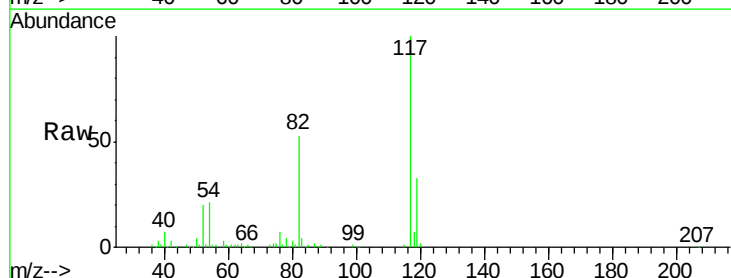
Tgt Ion: 117 Resp: 194235

Ion Ratio Lower Upper

117 100

82 52.5 43.0 64.4

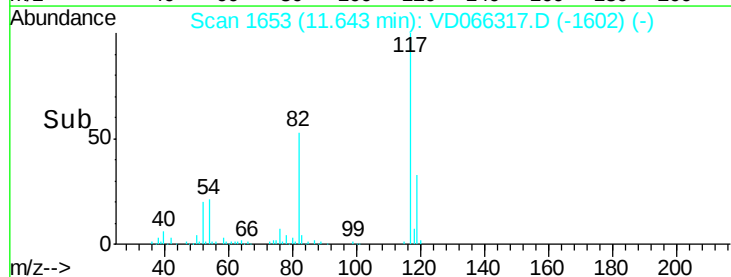
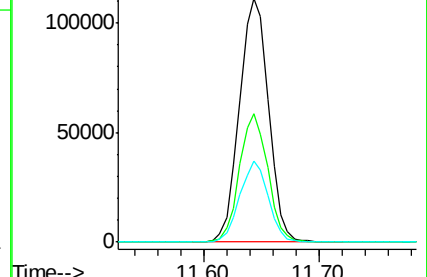
119 33.2 26.1 39.1

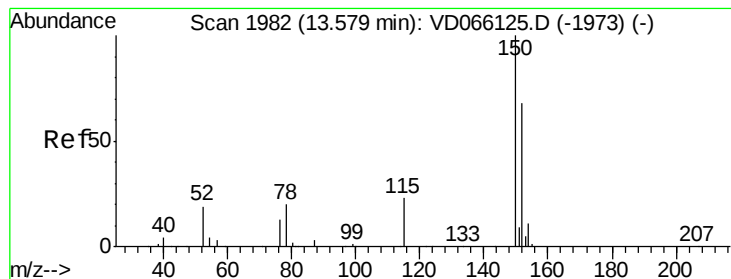


Abundance Ion 116.90 (116.60 to 117.60): VD066317.D (-1602) (-)

Ion 82.00 (81.70 to 82.70): VD066317.D (-1602) (-)

Ion 118.90 (118.60 to 119.60): VD066317.D (-1602) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066317.D

Acq: 19 Aug 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

S407-K-SO-1-1.5-081420RE

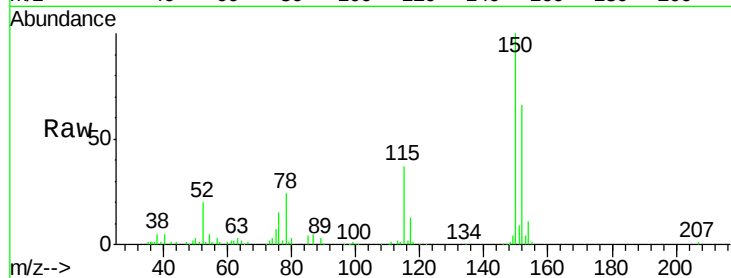
Tgt Ion: 152 Resp: 56747

Ion Ratio Lower Upper

152 100

115 56.8 28.0 83.9

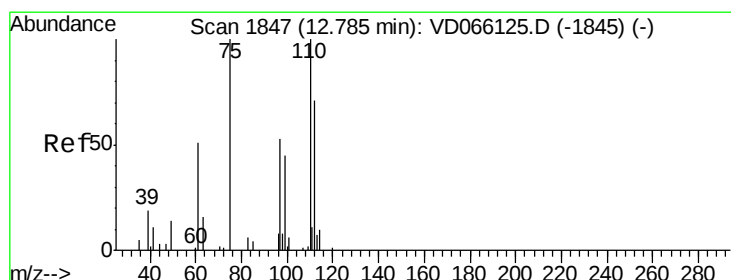
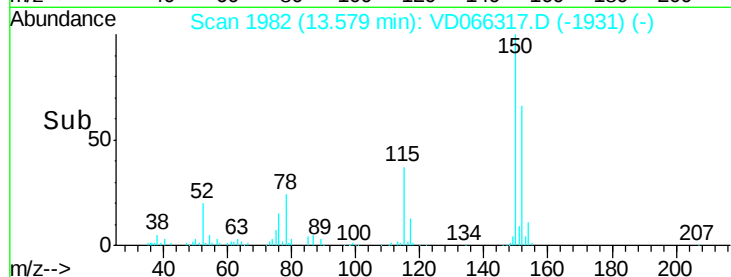
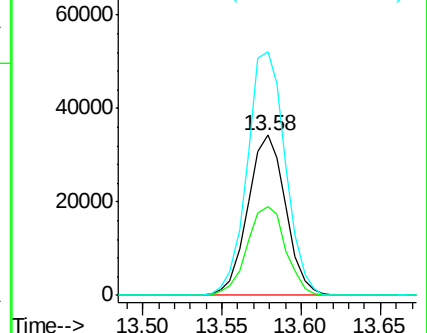
150 153.7 0.0 346.4



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: 75.044 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066317.D

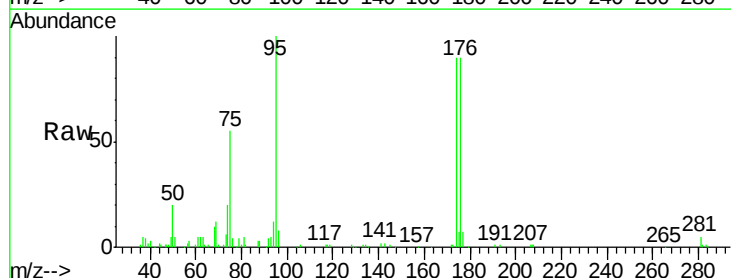
Acq: 19 Aug 2020 14:36

Tgt Ion: 75 Resp: 35513

Ion Ratio Lower Upper

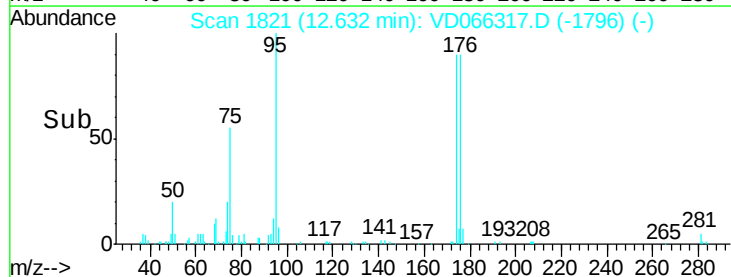
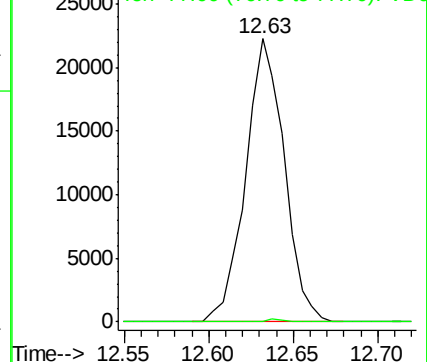
75 100

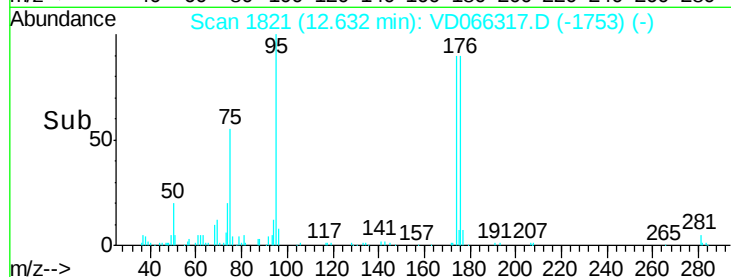
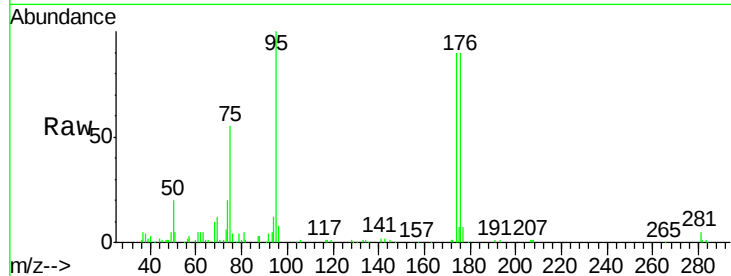
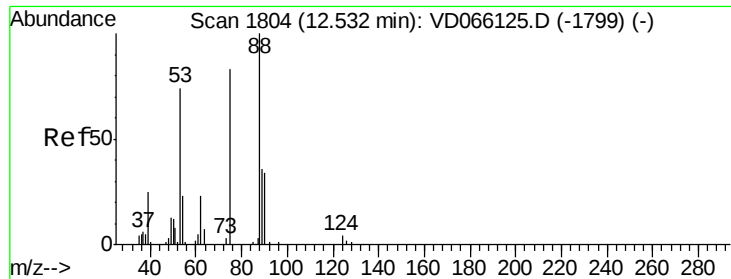
77 0.4 0.0 0.0#



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: 165.889 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066317.D

Acq: 19 Aug 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

S407-K-SO-1-1.5-081420RE

Tgt Ion: 75 Resp: 35513

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.0 36.6 55.0#

