

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066233.D
 Acq On : 14 Aug 2020 13:39
 Operator : VA/SY
 Sample : L3679-03
 Misc : 9.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S414-K-SO-1-1.5-081220

Quant Time: Aug 17 08:44:09 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

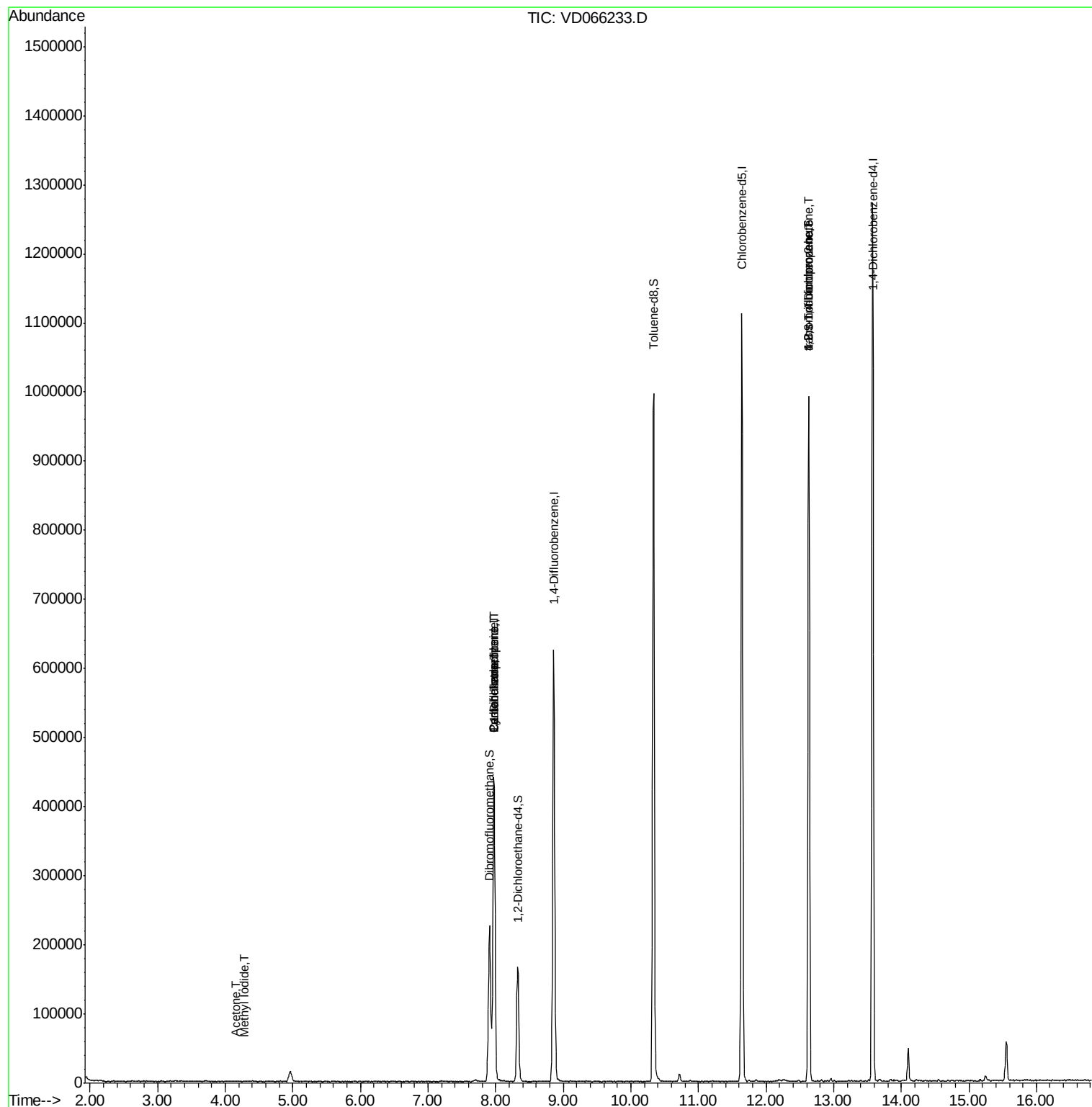
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	351635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	553881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	656237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	353875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	132480	42.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.46%	
35) Dibromofluoromethane	7.91	113	160923	45.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.72%	
50) Toluene-d8	10.34	98	688621	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
62) 4-Bromofluorobenzene	12.63	95	320484	68.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.34%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.29	142	71	6.732	ug/l #	39
11) Tert butyl alcohol	5.24	59	54	Below Cal	#	76
16) Acetone	4.16	43	1035	1.739	ug/l #	65
20) Methylene Chloride	4.96	84	12049	Below Cal		95
31) Cyclohexane	7.97	56	6773	1.232	ug/l #	19
36) 1,1-Dichloropropene	7.97	75	24368	4.682	ug/l #	50
38) Carbon Tetrachloride	7.97	117	33989	5.856	ug/l #	13
76) 1,2,3-Trichloropropane	12.63	75	156978	53.194	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	156978	117.588	ug/l #	13

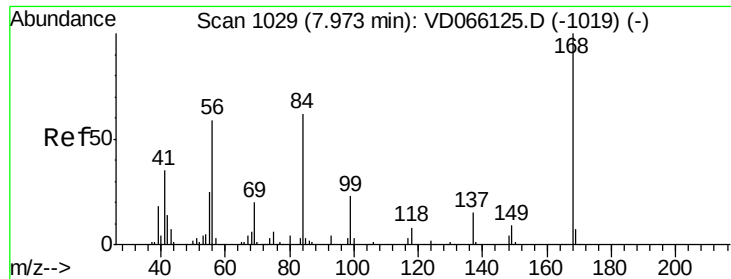
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD066233.D

Acq: 14 Aug 2020 13:39

Instrument :

MSVOA_D

ClientSampleId :

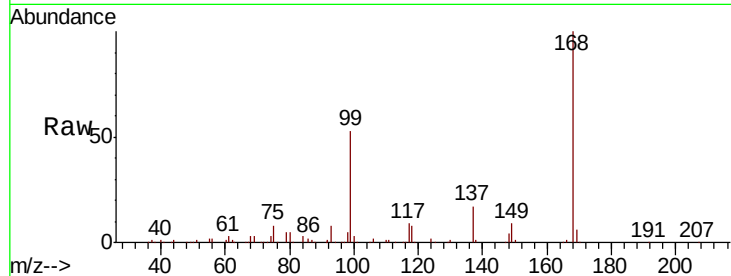
S414-K-SO-1-1.5-081220

Tot Ion:168 Resp: 351635

Ion Ratio Lower Upper

168 100

99 52.6 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

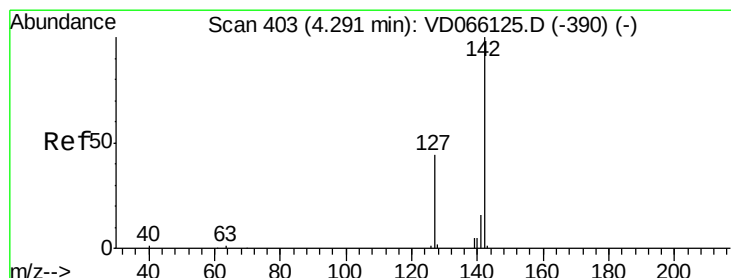
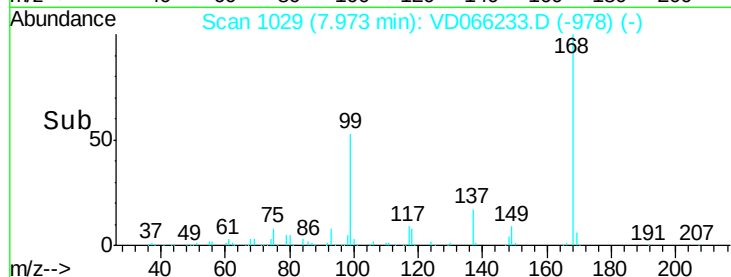
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 6.732 ug/l

RT: 4.29 min Scan# 402

Delta R.T. -0.00 min

Lab File: VD066233.D

Acq: 14 Aug 2020 13:39

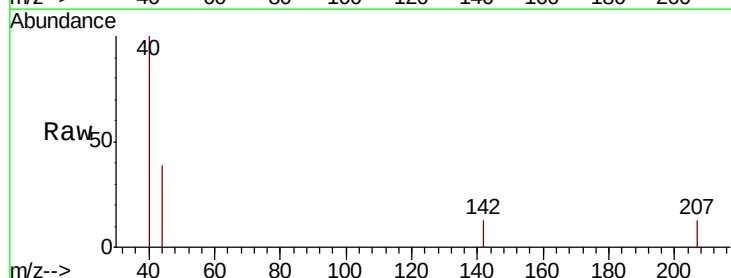
Tgt Ion:142 Resp: 71

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

250

200

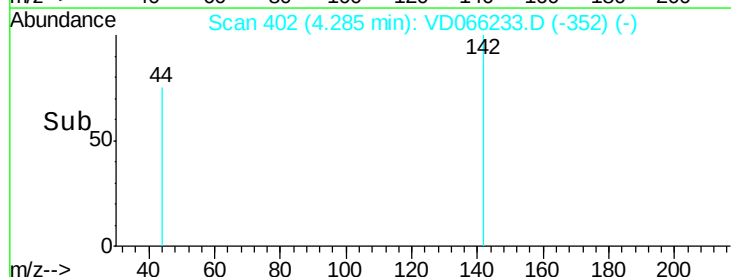
150

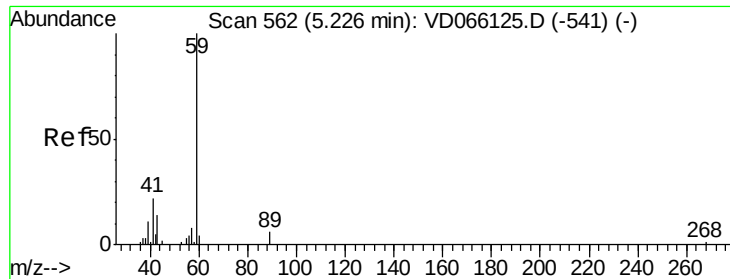
100

50

0

Time-->



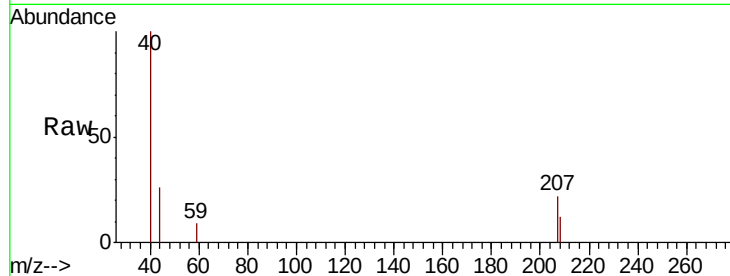


#11

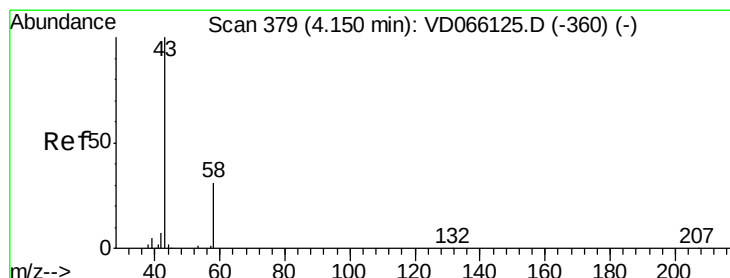
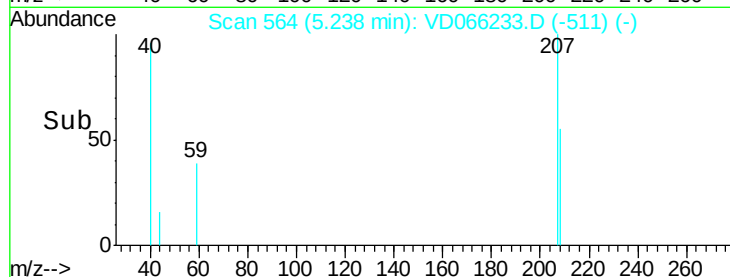
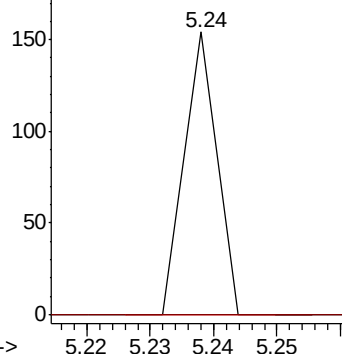
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.24 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VD066233.D
 Acq: 14 Aug 2020 13:39

Instrument :
 MSVOA_D
 ClientSampleId :
 S414-K-SO-1-1.5-081220

Tot Ion: 59 Resp: 54
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.4#



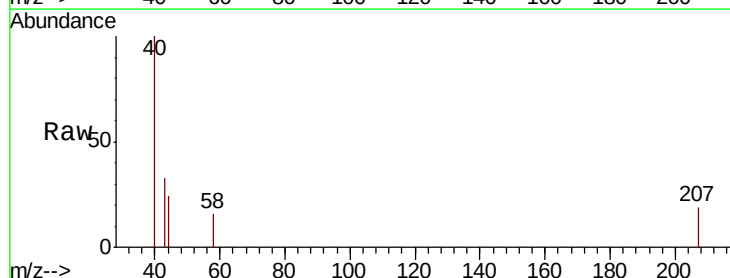
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



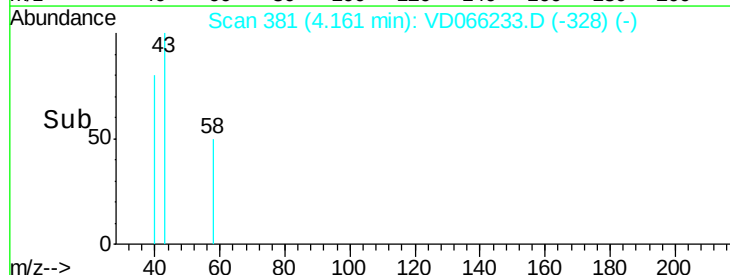
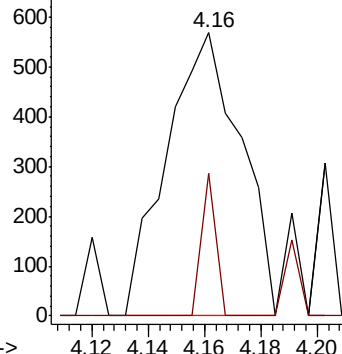
#16

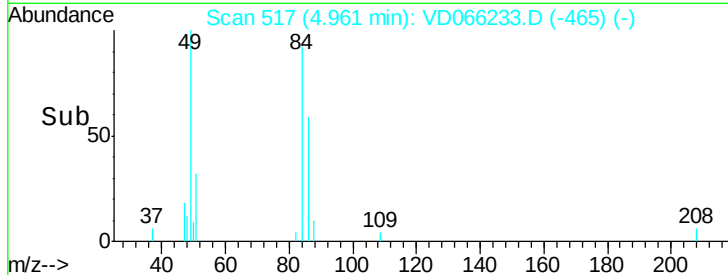
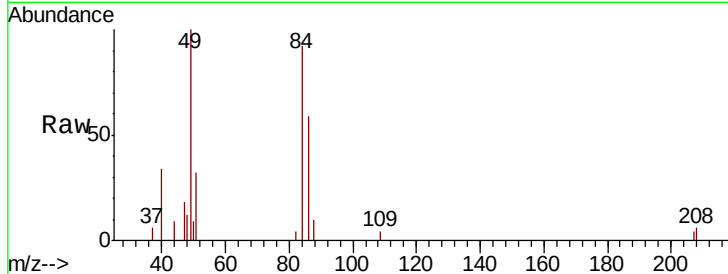
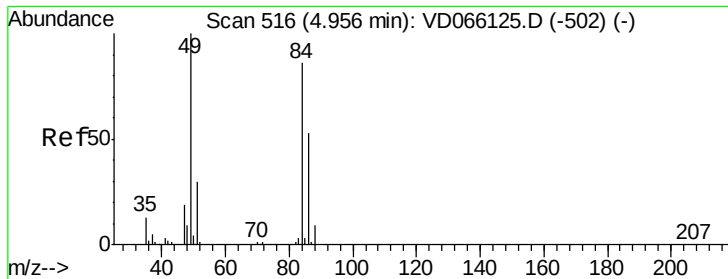
Acetone
 Concen: 1.739 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD066233.D
 Acq: 14 Aug 2020 13:39

Tgt Ion: 43 Resp: 1035
 Ion Ratio Lower Upper
 43 100
 58 50.4 24.7 37.1#



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

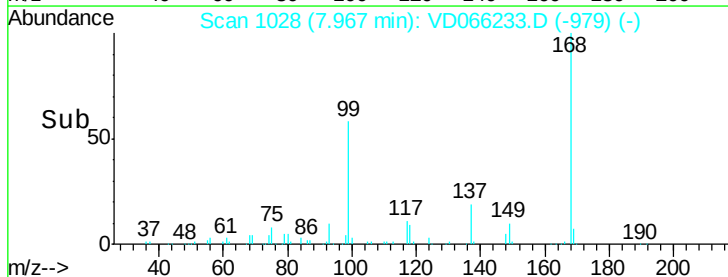
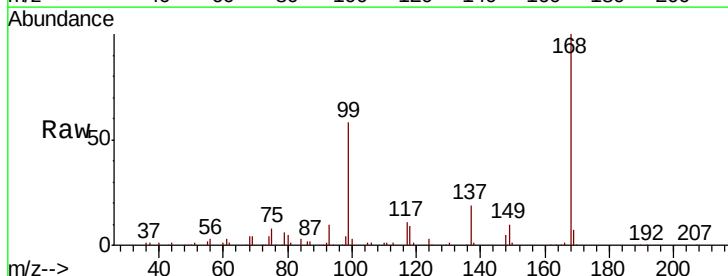
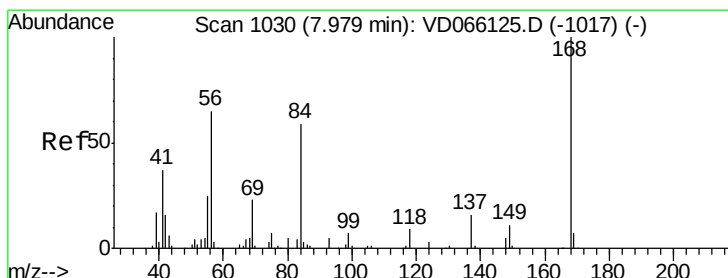
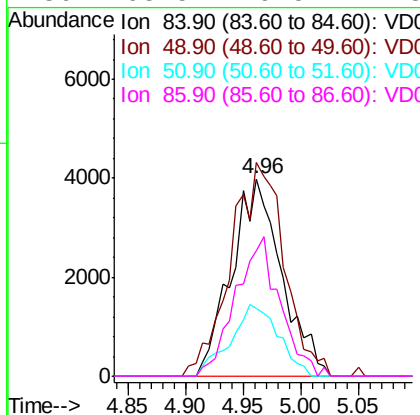




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066233.D
Acq: 14 Aug 2020 13:39

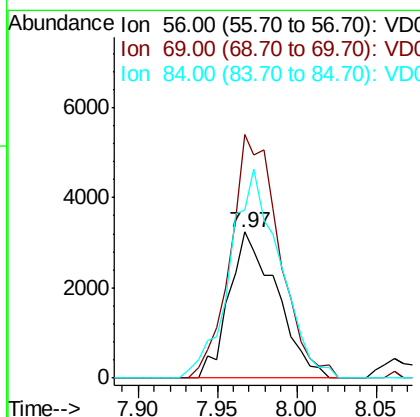
Instrument :
MSVOA_D
ClientSampleId :
S414-K-SO-1-1.5-081220

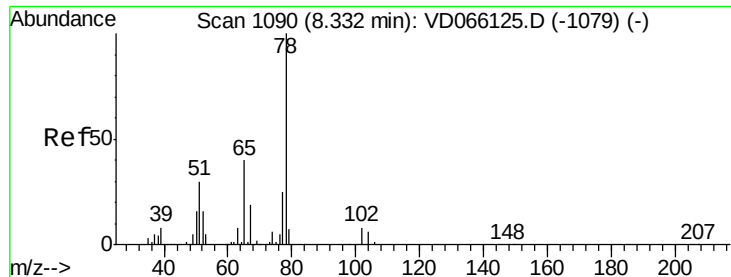
Tot Ion: 84	Resp: 12049
Ion Ratio	Lower Upper
84 100	
49 108.1	93.5 140.3
51 34.6	28.2 42.4
86 63.5	49.5 74.3



#31
Cyclohexane
Concen: 1.232 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VD066233.D
Acq: 14 Aug 2020 13:39

Tgt	Ion: 56	Resp:	6773
Ion	Ratio	Lower	Upper
56	100		
69	167.0	28.8	43.2#
84	115.7	73.0	109.6#

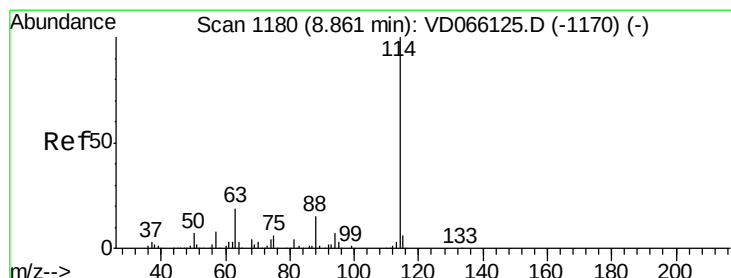
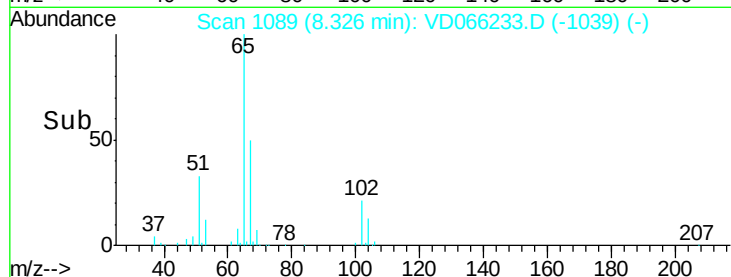
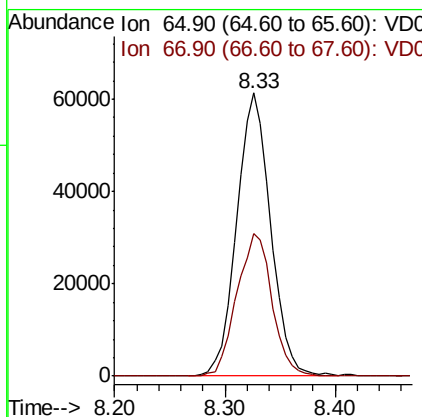
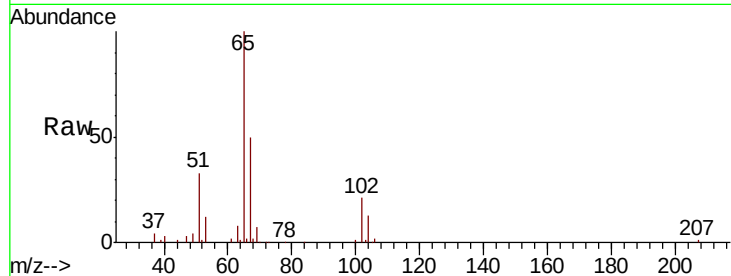




#33
 1,2-Dichloroethane-d4
 Concen: 42.230 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066233.D
 Acq: 14 Aug 2020 13:39

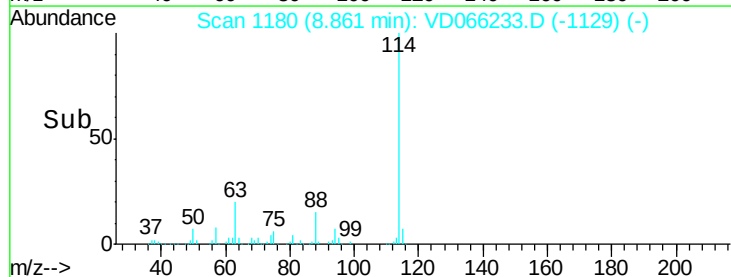
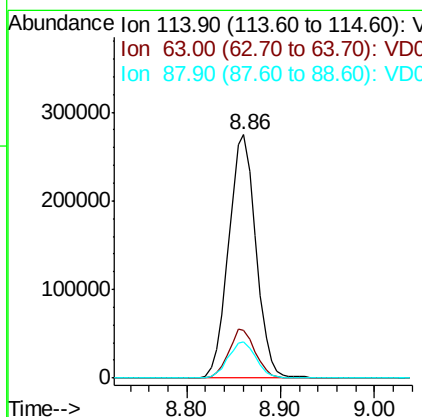
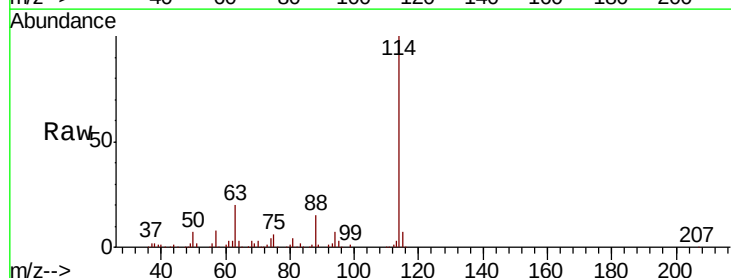
Instrument :
 MSVOA_D
 ClientSampleId :
 S414-K-SO-1-1.5-081220

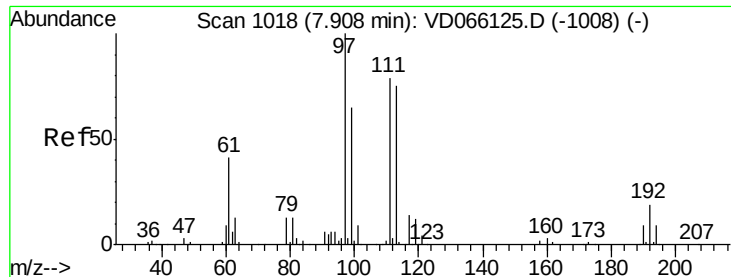
Tot Ion: 65 Resp: 132480
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066233.D
 Acq: 14 Aug 2020 13:39

Tgt Ion: 114 Resp: 553881
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 14.9 0.0 30.0

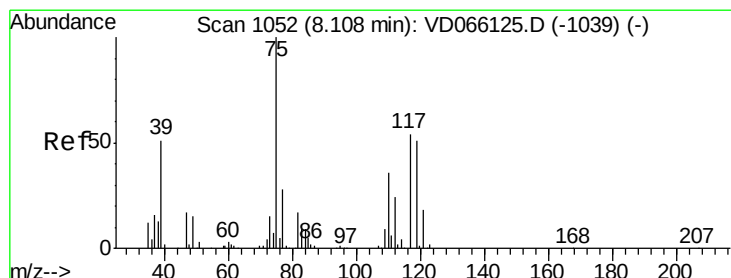
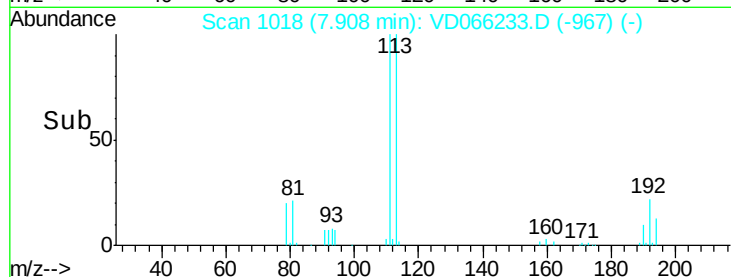
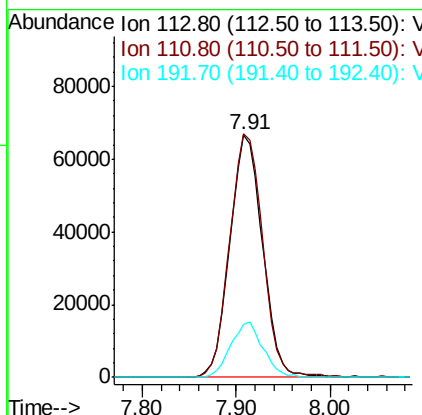
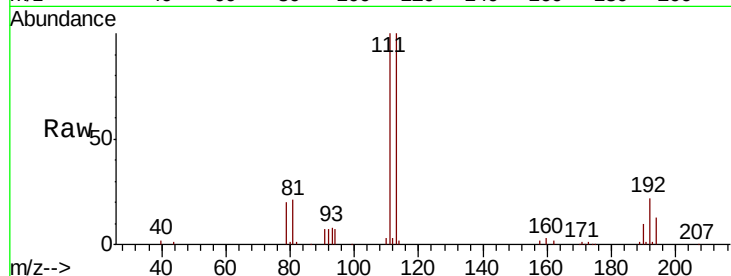




#35
 Dibromofluoromethane
 Concen: 45.863 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066233.D
 Acq: 14 Aug 2020 13:39

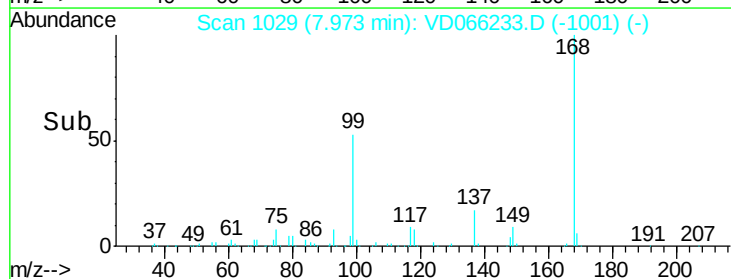
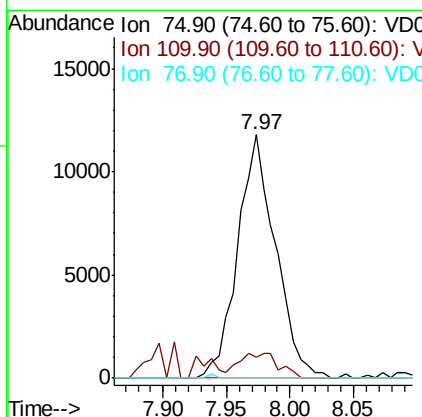
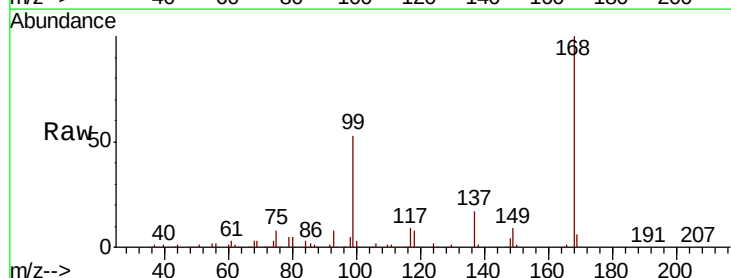
Instrument :
 MSVOA_D
 ClientSampleId :
 S414-K-SO-1-1.5-081220

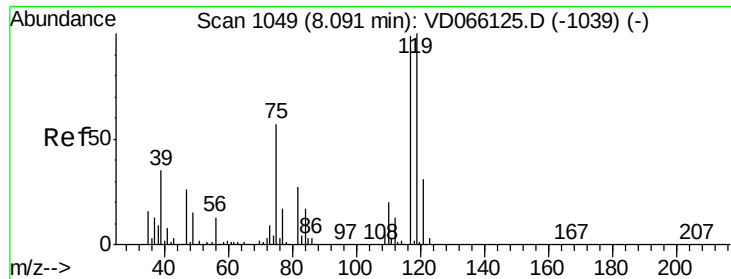
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.7	121.1
192	22.6	18.4	27.6



#36
 1,1-Dichloropropene
 Concen: 4.682 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066233.D
 Acq: 14 Aug 2020 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.8	56.3#
77	0.0	24.2	36.2#

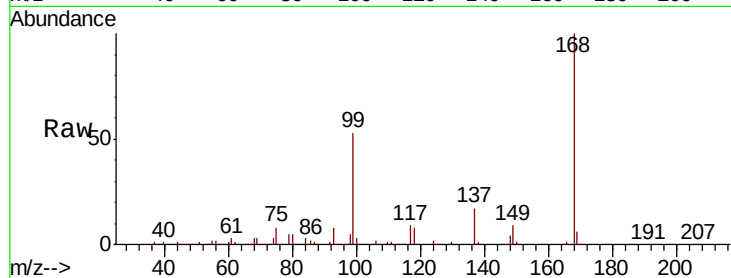




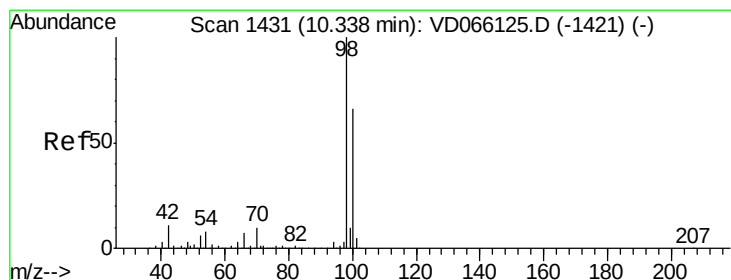
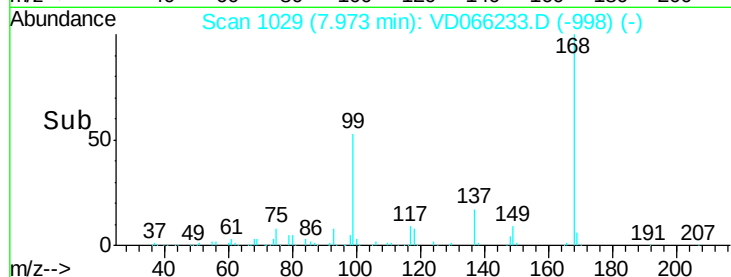
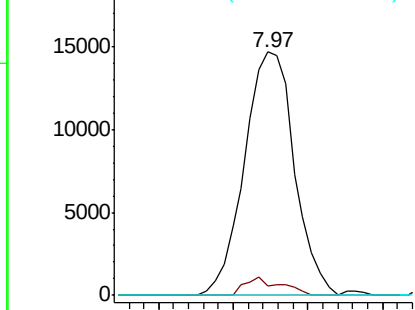
#38
Carbon Tetrachloride
Concen: 5.856 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066233.D
Acq: 14 Aug 2020 13:39

Instrument :
MSVOA_D
ClientSampleId :
S414-K-SO-1-1.5-081220

Tot Ion:117 Resp: 33989
Ion Ratio Lower Upper
117 100
119 3.9 81.0 121.4#
121 0.0 24.8 37.2#

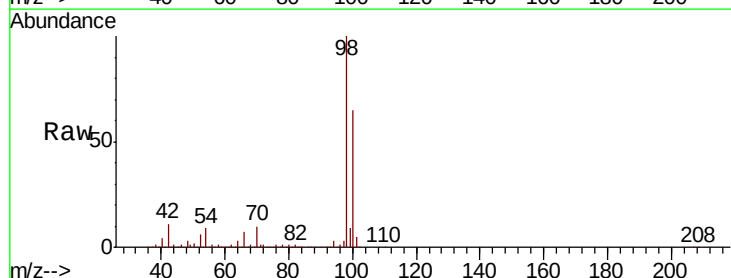


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

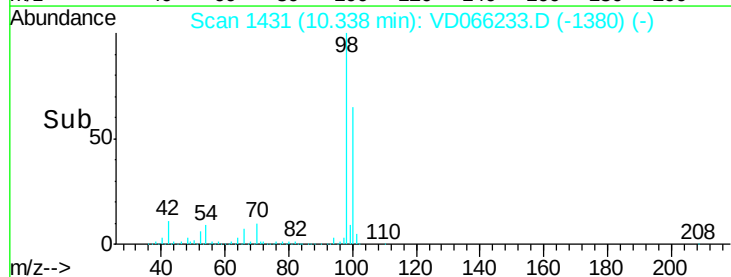
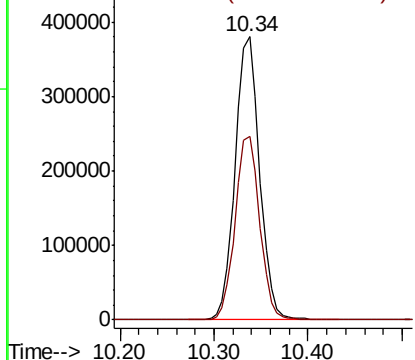


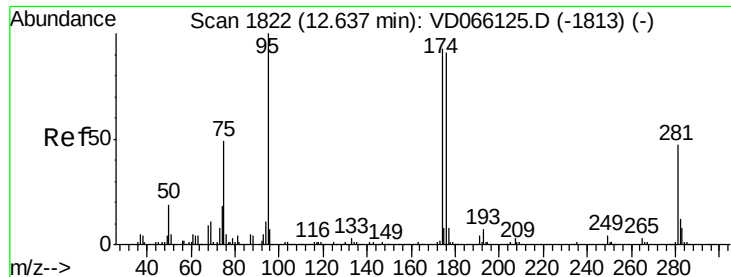
#50
Toluene-d8
Concen: 53.183 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066233.D
Acq: 14 Aug 2020 13:39

Tgt Ion: 98 Resp: 688621
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



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

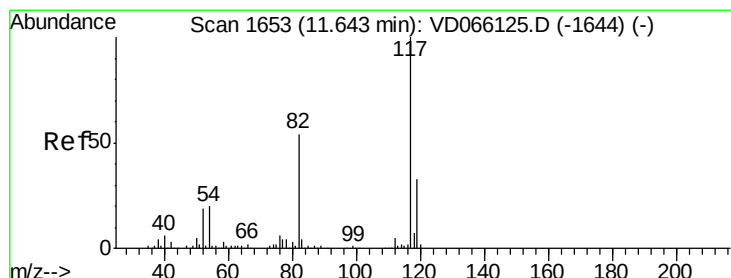
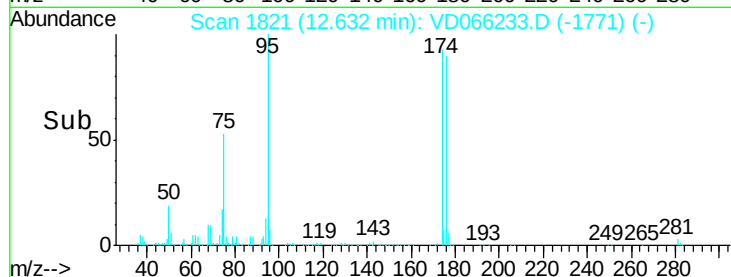
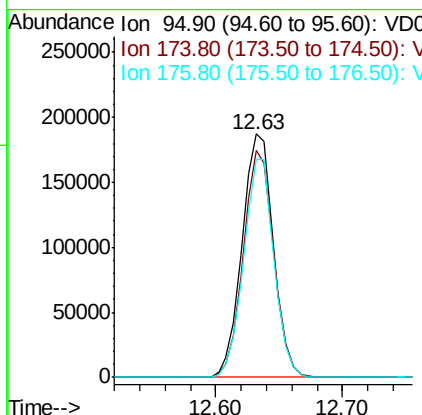
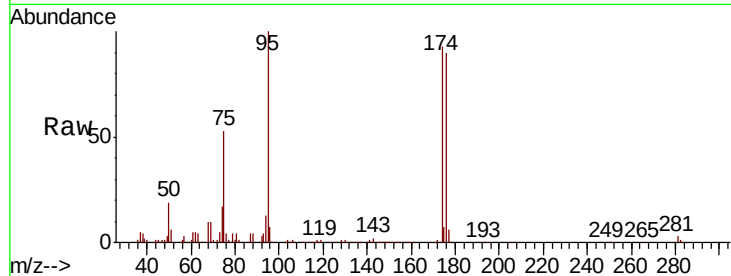




#62
4-Bromofluorobenzene
Concen: 68.665 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066233.D
Acq: 14 Aug 2020 13:39

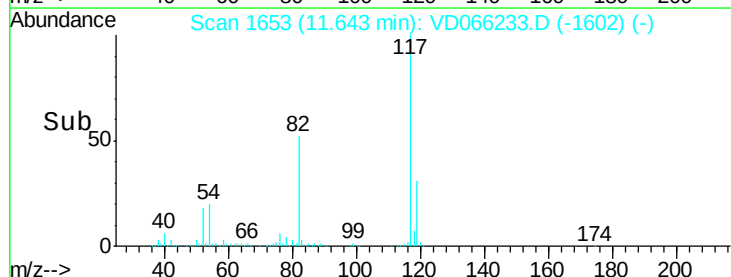
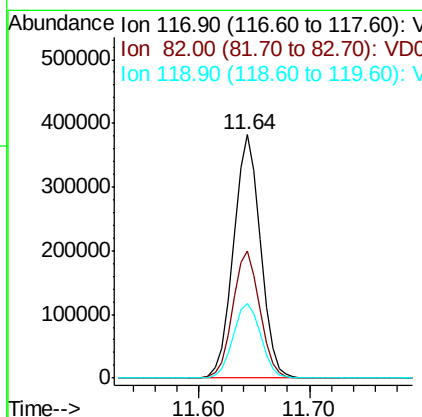
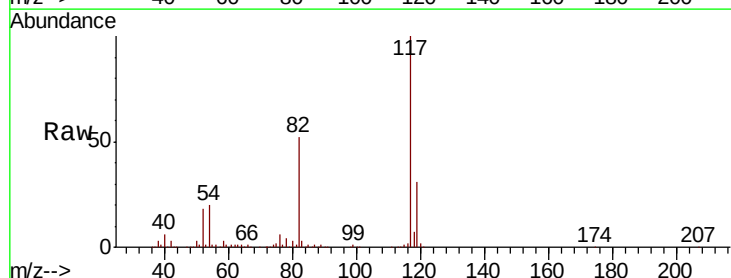
Instrument :
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S414-K-SO-1-1.5-081220

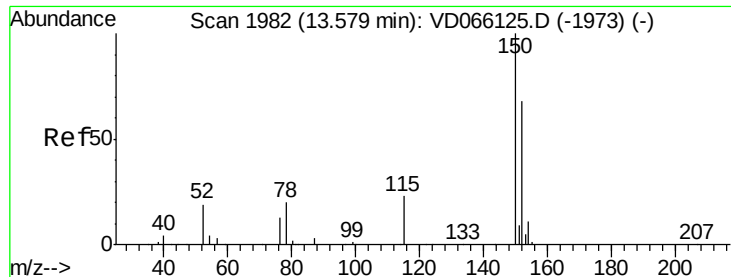
Tot Ion: 95 Resp: 320484
Ion Ratio Lower Upper
95 100
174 90.7 0.0 180.8
176 87.3 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066233.D
Acq: 14 Aug 2020 13:39

Tgt Ion: 117 Resp: 656237
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 30.8 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066233.D

Acq: 14 Aug 2020 13:39

Instrument :

MSVOA_D

ClientSampleId :

S414-K-SO-1-1.5-081220

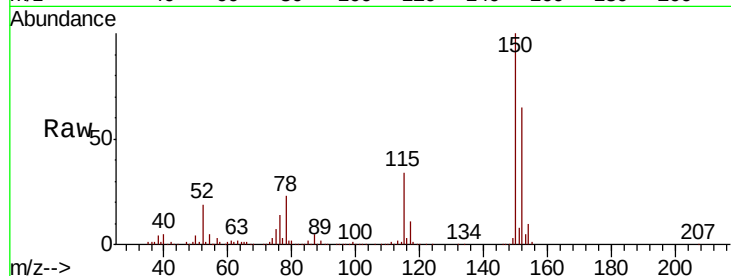
Tot Ion:152 Resp: 353875

Ion Ratio Lower Upper

152 100

115 55.7 28.0 83.9

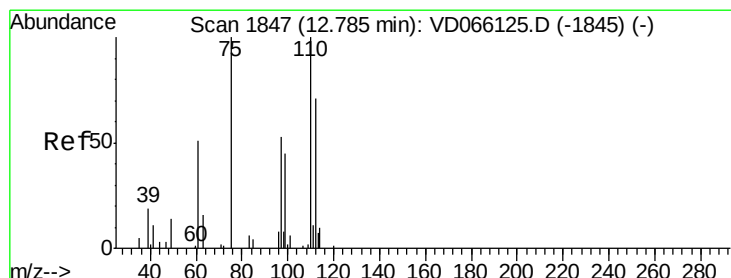
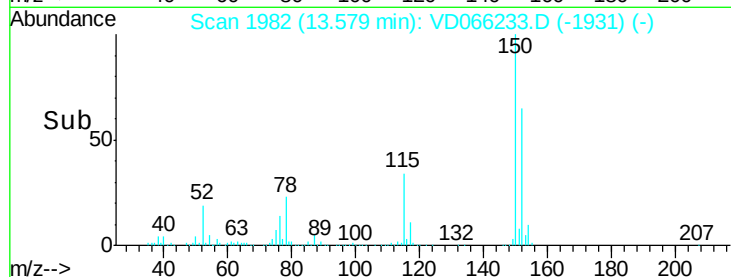
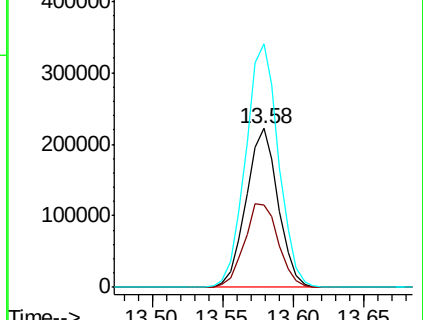
150 157.1 0.0 346.4



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: 53.194 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066233.D

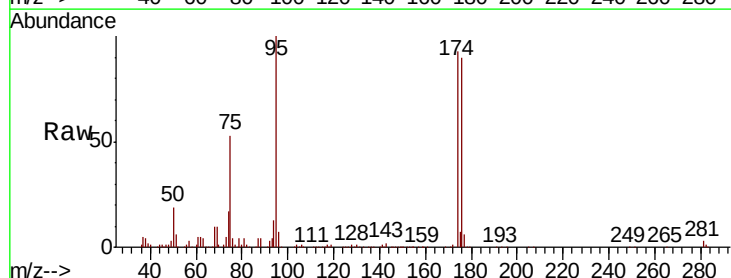
Acq: 14 Aug 2020 13:39

Tgt Ion: 75 Resp: 156978

Ion Ratio Lower Upper

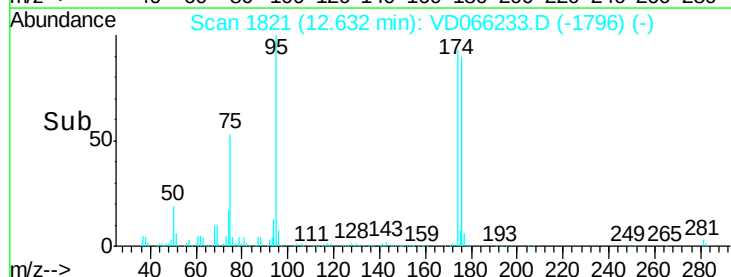
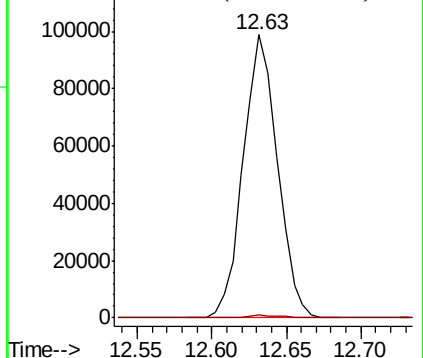
75 100

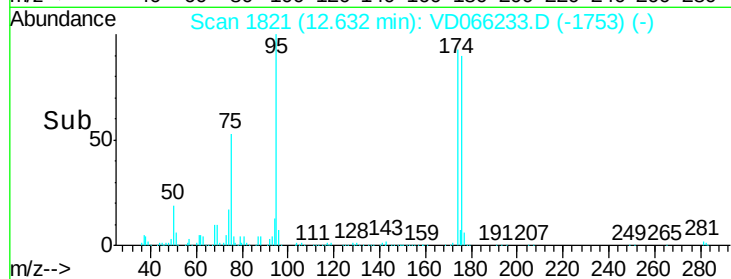
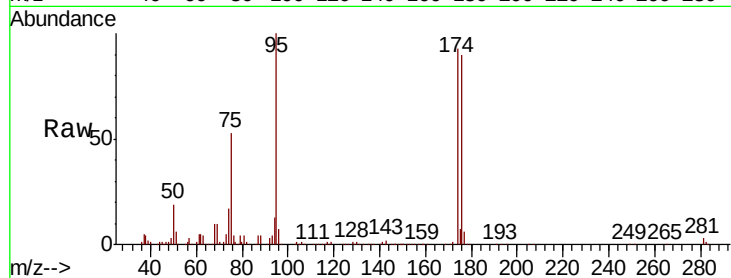
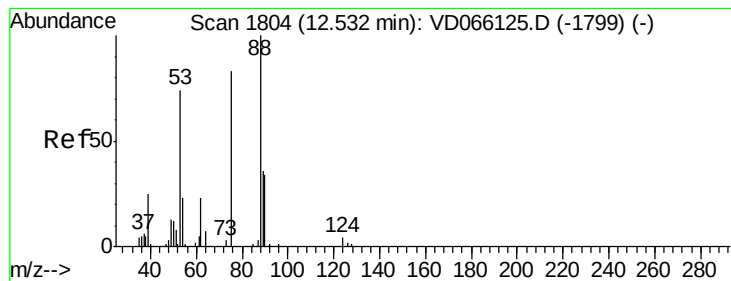
77 1.0 0.0 0.0#



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: 117.588 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066233.D

Acq: 14 Aug 2020 13:39

Instrument :

MSVOA_D

ClientSampleId :

S414-K-SO-1-1.5-081220

Tot Ion: 75 Resp: 156978

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.2 36.6 55.0#

