

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066234.D
 Acq On : 14 Aug 2020 14:07
 Operator : VA/SY
 Sample : L3679-04
 Misc : 9.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S414-K-SO-2-2.5-081220

Quant Time: Aug 17 08:44:26 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	344112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	538009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	662800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	373479	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	133640	43.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.06%	
35) Dibromofluoromethane	7.91	113	159077	46.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.34%	
50) Toluene-d8	10.34	98	675010	53.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.34%	
62) 4-Bromofluorobenzene	12.63	95	322170	71.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	142.12%	

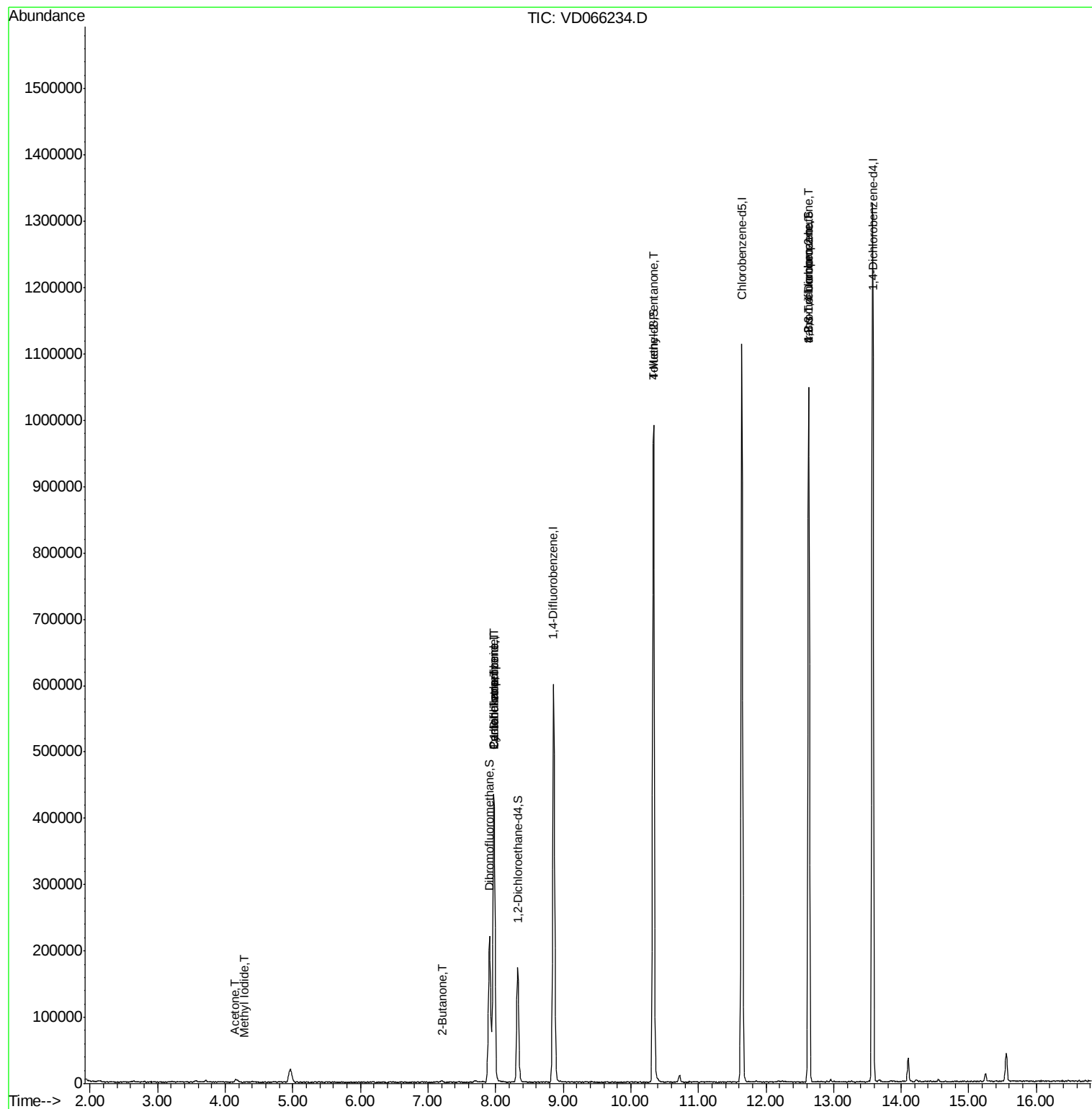
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.28	142	153	6.756	ug/l #	39
11) Tert butyl alcohol	5.21	59	182	Below Cal	#	76
16) Acetone	4.15	43	7644	13.123	ug/l	97
25) 2-Butanone	7.22	43	1206	1.408	ug/l	98
31) Cyclohexane	7.97	56	6657	1.238	ug/l #	12
36) 1,1-Dichloropropene	7.98	75	22869	4.523	ug/l #	51
38) Carbon Tetrachloride	7.97	117	33404	5.925	ug/l #	14
51) 4-Methyl-2-Pentanone	10.34	43	2804	1.383	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	164681	52.875	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	164681	116.883	ug/l #	13

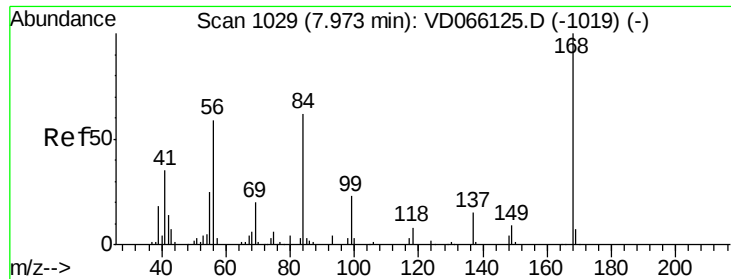
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081420\
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Quant Time: Aug 17 08:44:26 2020
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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: VD066234.D

Acq: 14 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

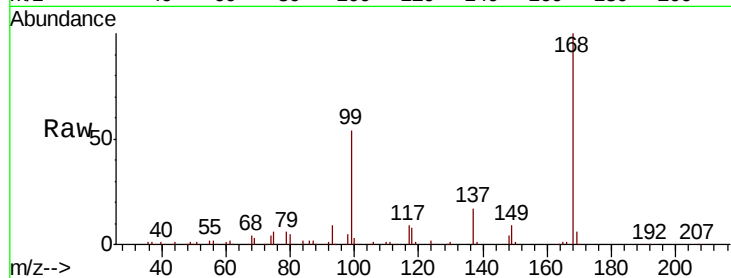
S414-K-SO-2-2.5-081220

Tot Ion:168 Resp: 344112

Ion Ratio Lower Upper

168 100

99 54.4 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

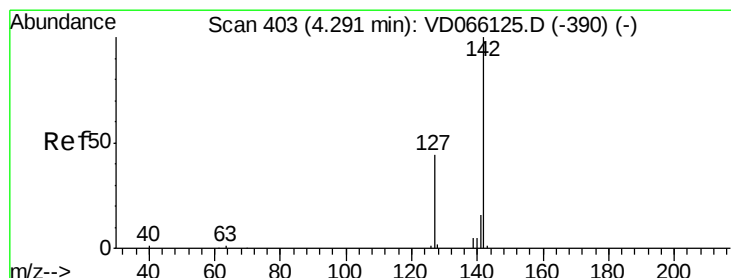
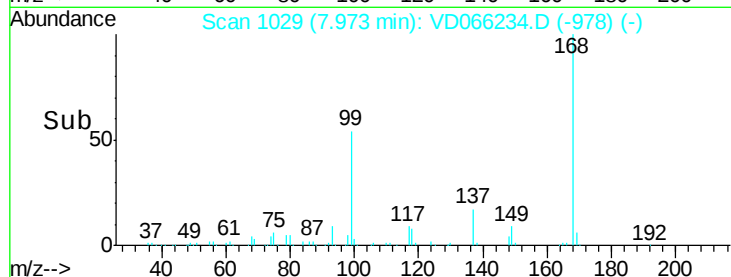
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 6.756 ug/l

RT: 4.28 min Scan# 401

Delta R.T. -0.01 min

Lab File: VD066234.D

Acq: 14 Aug 2020 14:07

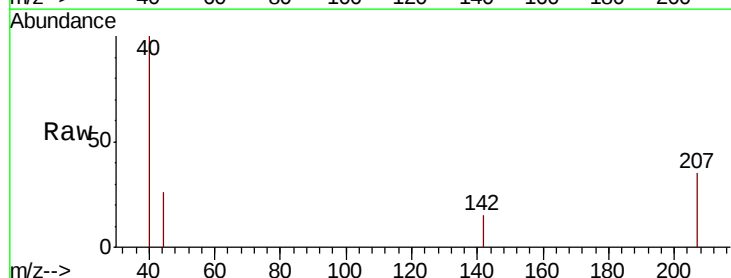
Tgt Ion:142 Resp: 153

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

4.28

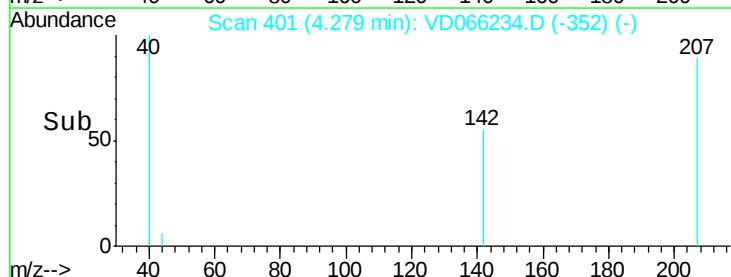
300

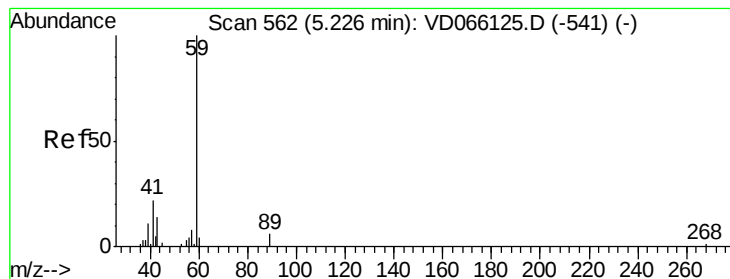
200

100

0

Time-->



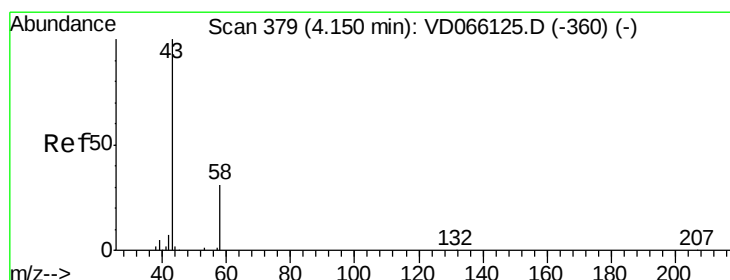
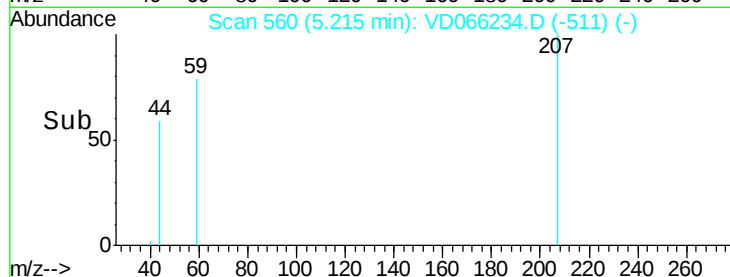
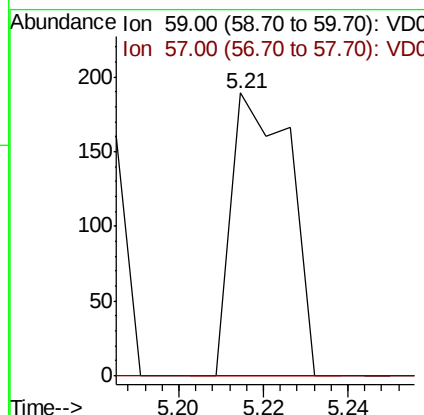
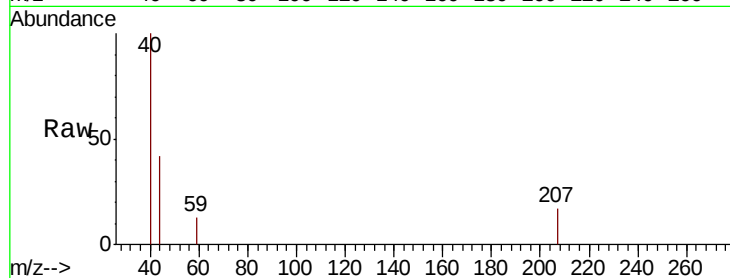


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066234.D
 Acq: 14 Aug 2020 14:07

Instrument :
 MSVOA_D
 ClientSampleId :
 S414-K-SO-2-2.5-081220

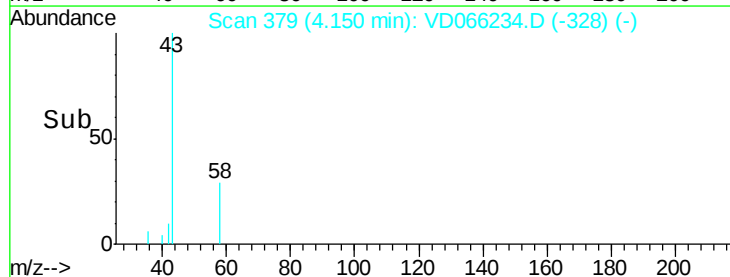
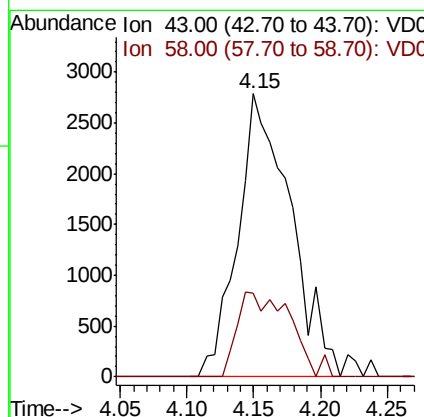
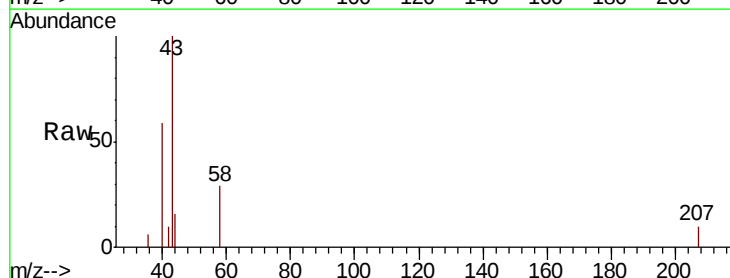
Tot Ion: 59 Resp: 182
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.4#

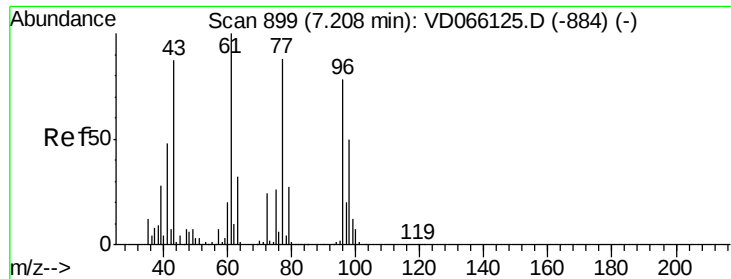


#16

Acetone
 Concen: 13.123 ug/l
 RT: 4.15 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: VD066234.D
 Acq: 14 Aug 2020 14:07

Tgt Ion: 43 Resp: 7644
 Ion Ratio Lower Upper
 43 100
 58 29.5 24.7 37.1





#25

2-Butanone

Concen: 1.408 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD066234.D

Acq: 14 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

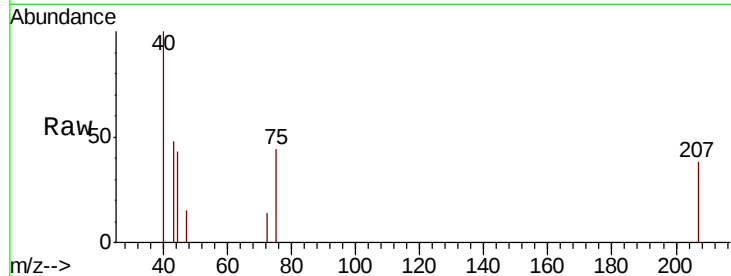
S414-K-SO-2-2.5-081220

Tot Ion: 43 Resp: 1206

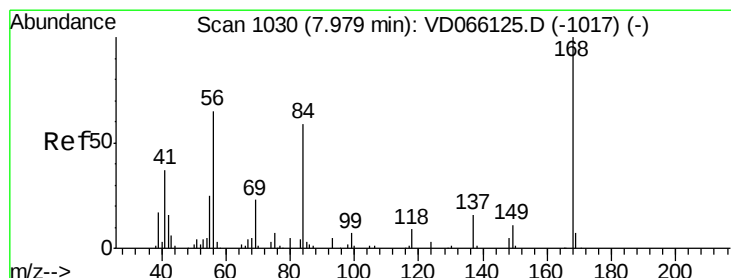
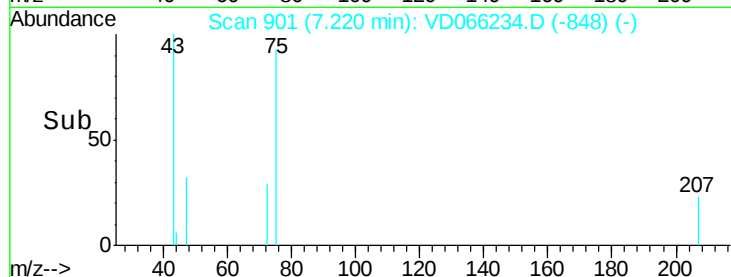
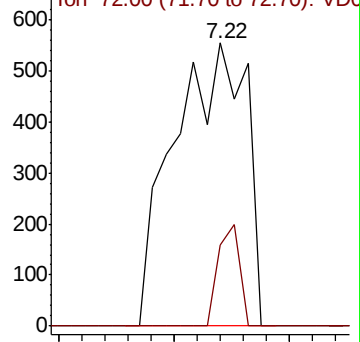
Ion Ratio Lower Upper

43 100

72 28.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VDC



#31

Cyclohexane

Concen: 1.238 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066234.D

Acq: 14 Aug 2020 14:07

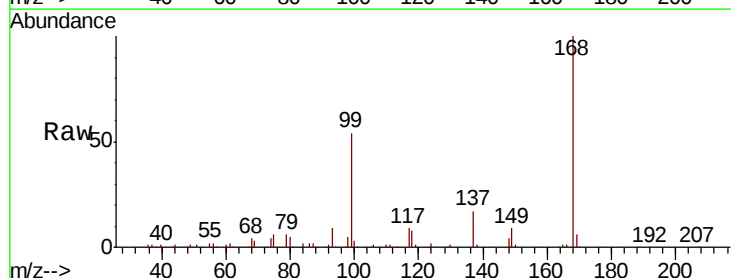
Tgt Ion: 56 Resp: 6657

Ion Ratio Lower Upper

56 100

69 174.2 28.8 43.2#

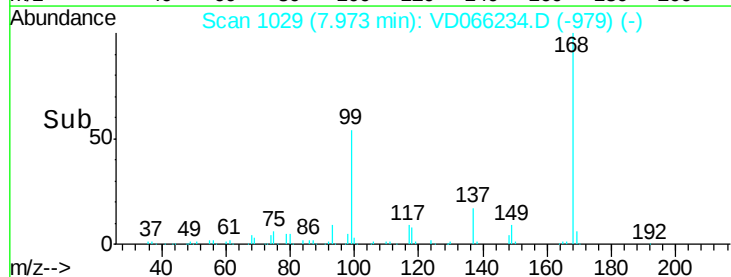
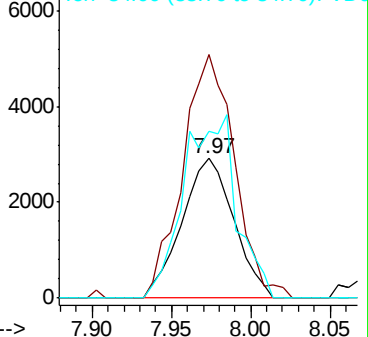
84 119.7 73.0 109.6#

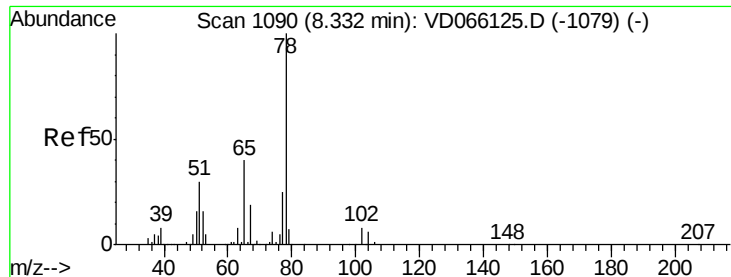


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

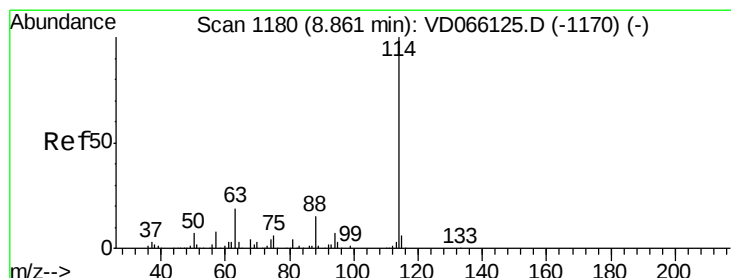
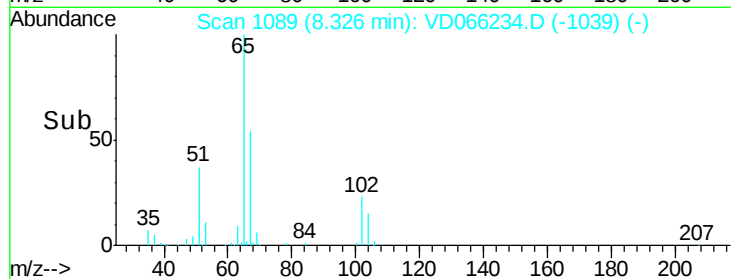
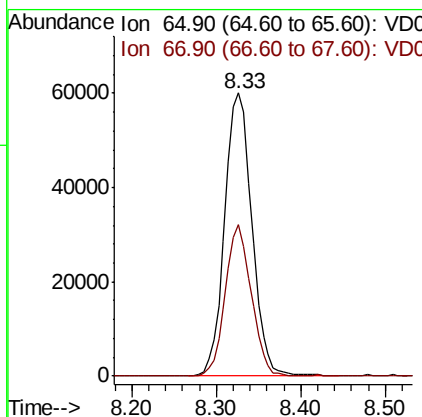
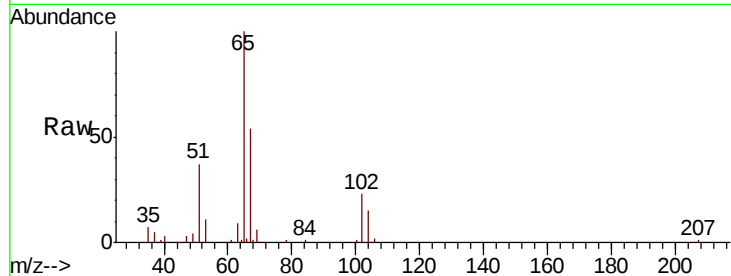




#33
 1,2-Dichloroethane-d4
 Concen: 43.531 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066234.D
 Acq: 14 Aug 2020 14:07

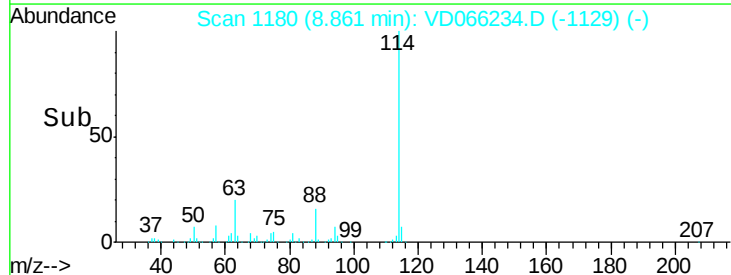
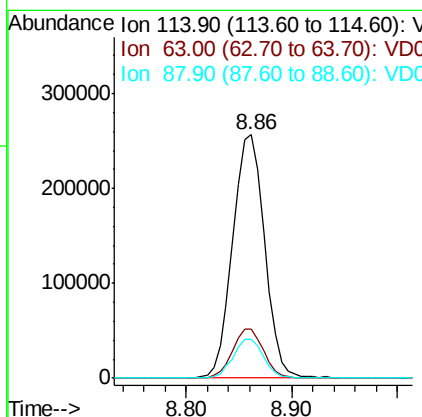
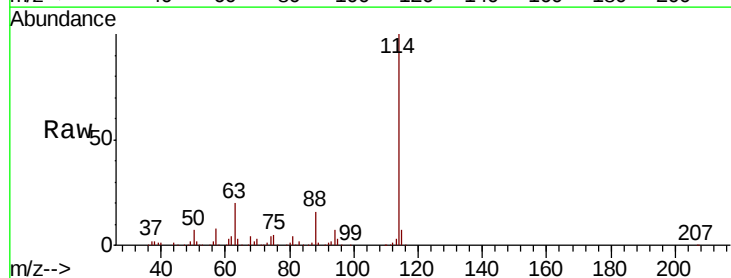
Instrument :
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 S414-K-SO-2-2.5-081220

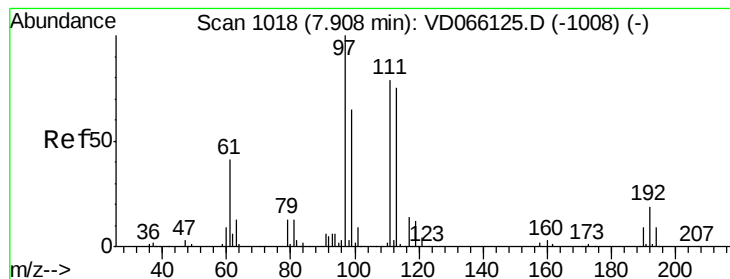
Tot Ion: 65 Resp: 133640
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066234.D
 Acq: 14 Aug 2020 14:07

Tgt Ion: 114 Resp: 538009
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.6
 88 16.0 0.0 30.0

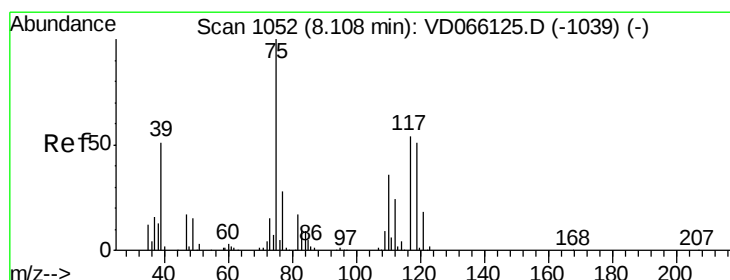
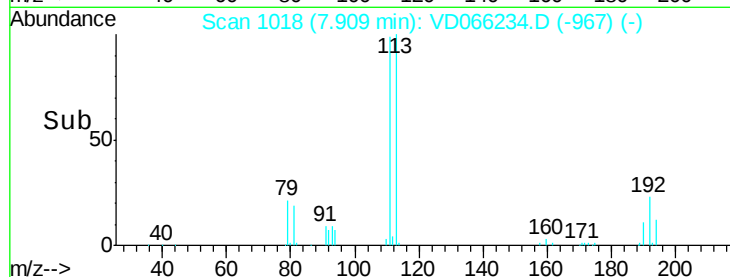
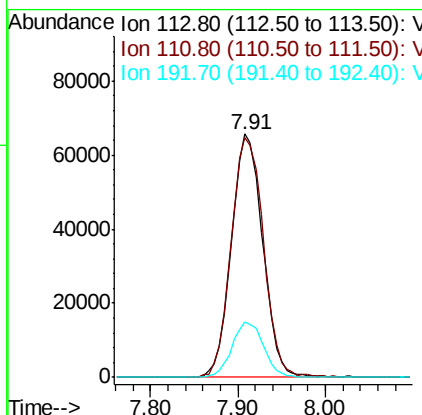
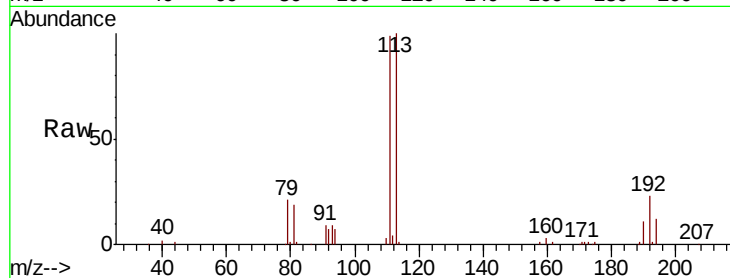




#35
 Dibromofluoromethane
 Concen: 46.674 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066234.D
 Acq: 14 Aug 2020 14:07

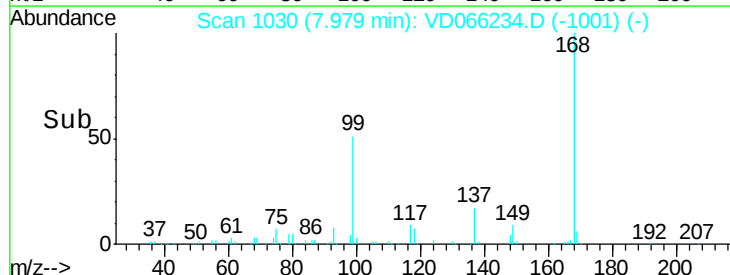
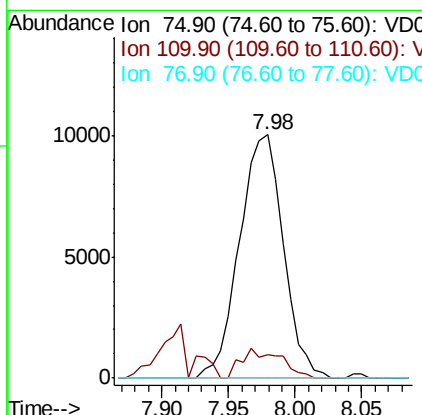
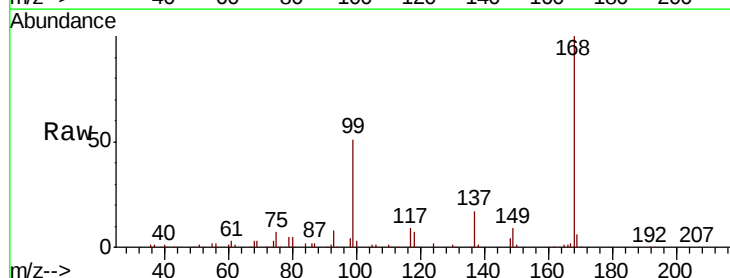
Instrument :
 MSVOA_D
 ClientSampleId :
 S414-K-SO-2-2.5-081220

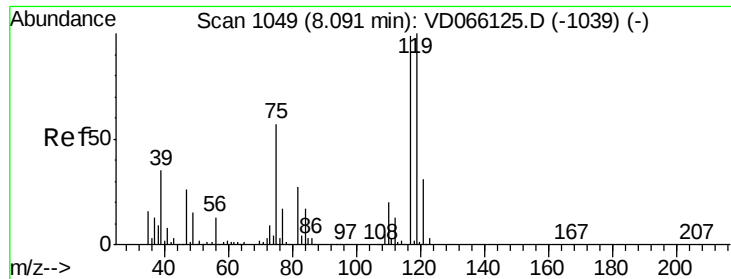
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.7	121.1
192	22.8	18.4	27.6



#36
 1,1-Dichloropropene
 Concen: 4.523 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066234.D
 Acq: 14 Aug 2020 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.8	56.3#
77	0.0	24.2	36.2#

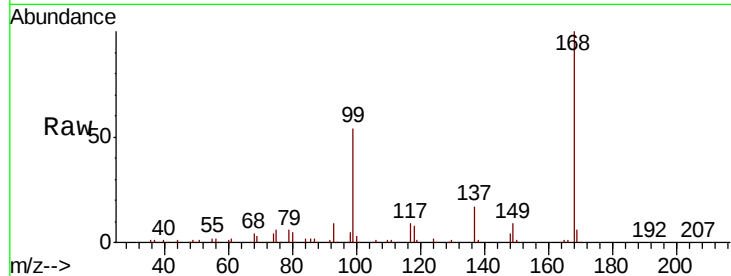




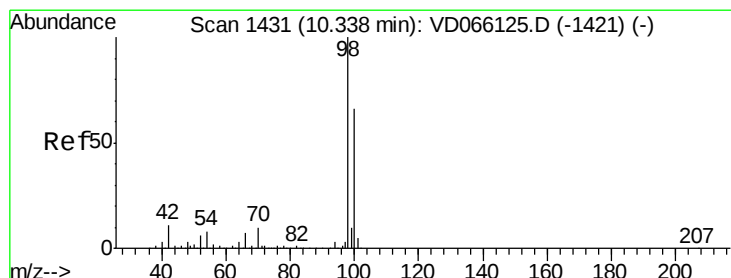
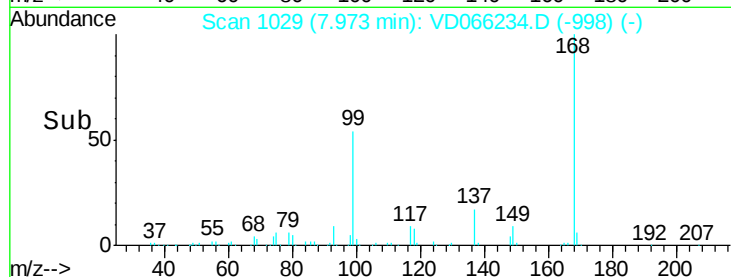
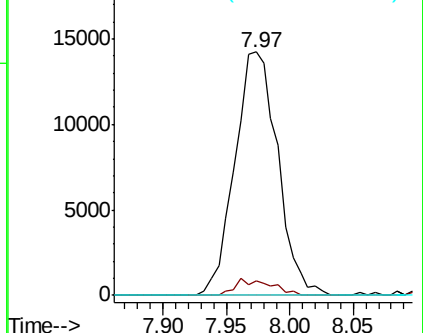
#38
Carbon Tetrachloride
Concen: 5.925 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066234.D
Acq: 14 Aug 2020 14:07

Instrument :
MSVOA_D
ClientSampleId :
S414-K-SO-2-2.5-081220

Tot Ion:117 Resp: 33404
Ion Ratio Lower Upper
117 100
119 5.8 81.0 121.4#
121 0.0 24.8 37.2#

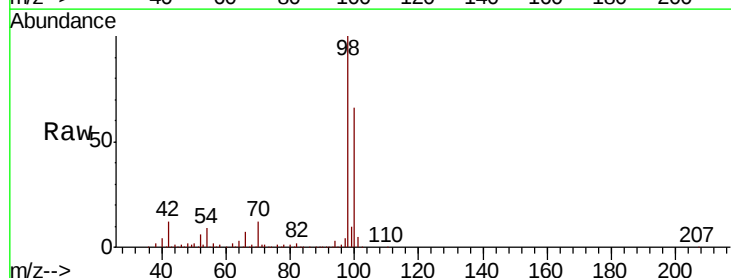


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

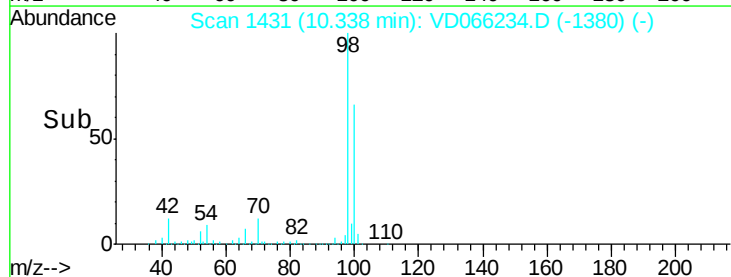
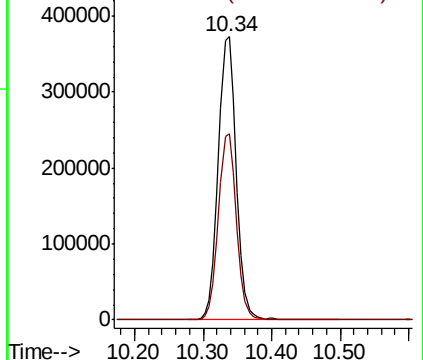


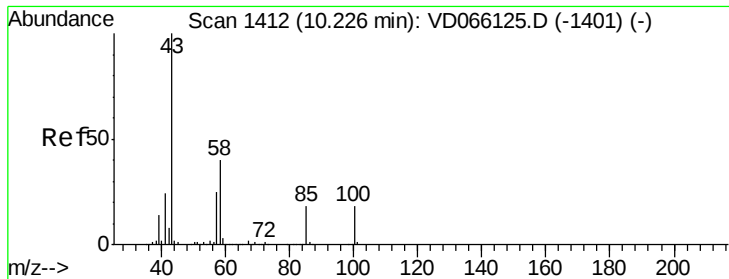
#50
Toluene-d8
Concen: 53.669 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066234.D
Acq: 14 Aug 2020 14:07

Tgt Ion: 98 Resp: 675010
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



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





#51

4-Methyl-2-Pentanone

Concen: 1.383 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.11 min

Lab File: VD066234.D

Acq: 14 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

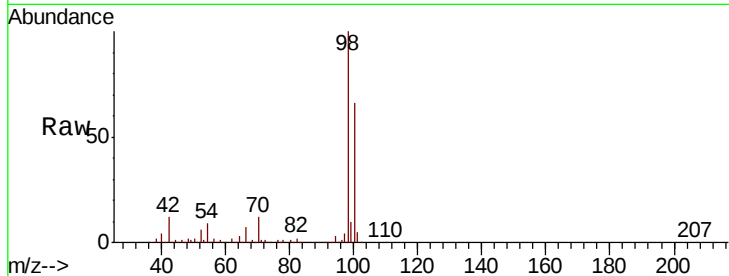
S414-K-SO-2-2.5-081220

Tot Ion: 43 Resp: 2804

Ion Ratio Lower Upper

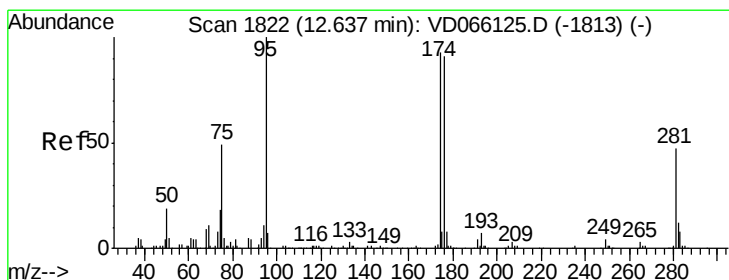
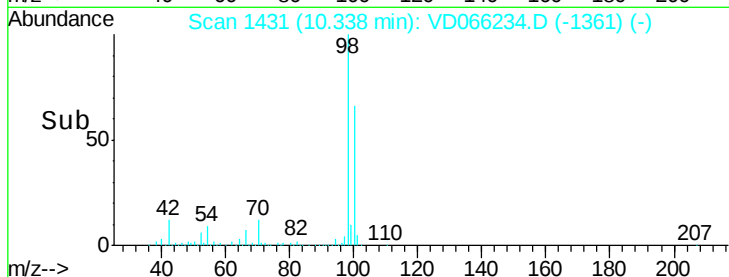
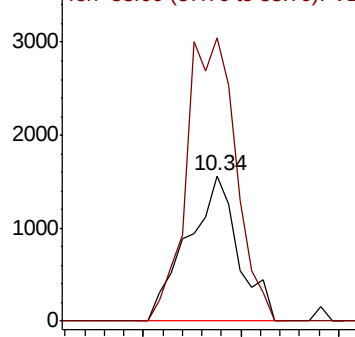
43 100

58 190.6 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 71.063 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066234.D

Acq: 14 Aug 2020 14:07

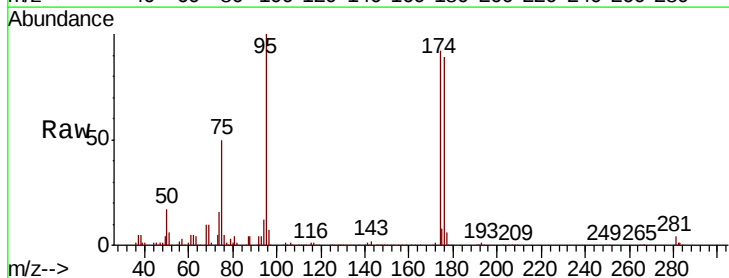
Tgt Ion: 95 Resp: 322170

Ion Ratio Lower Upper

95 100

174 91.7 0.0 180.8

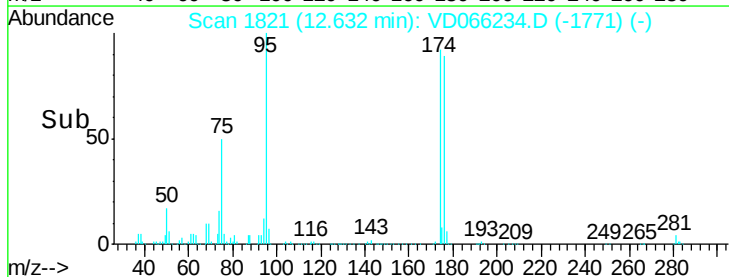
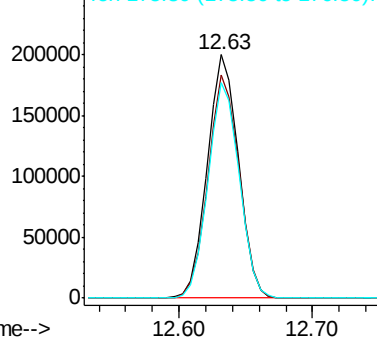
176 88.8 0.0 181.2

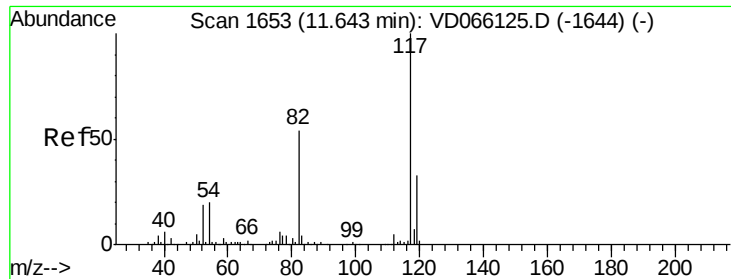


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

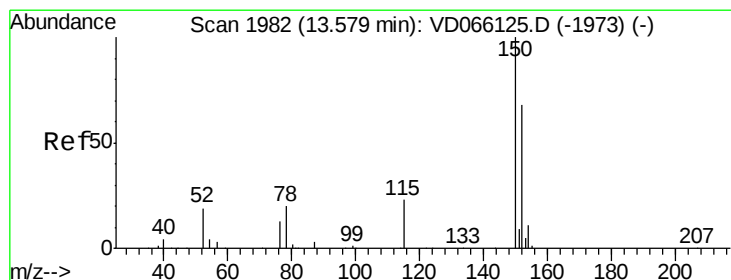
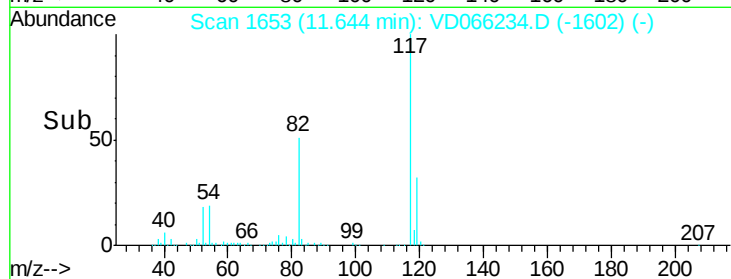
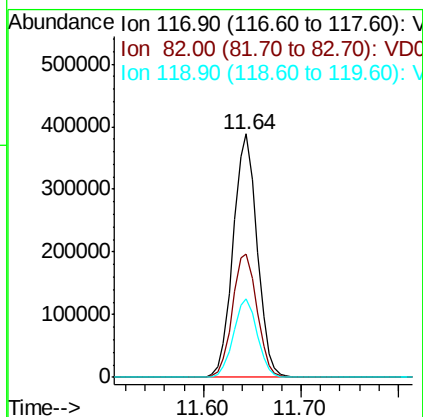
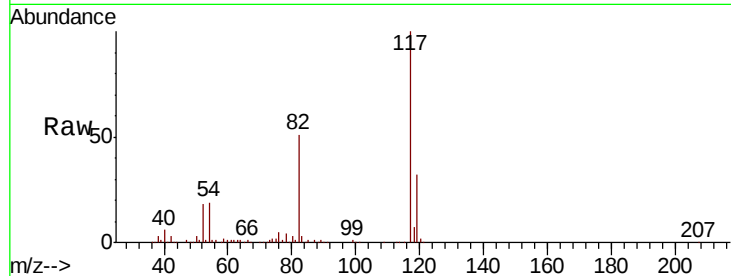




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066234.D
Acq: 14 Aug 2020 14:07

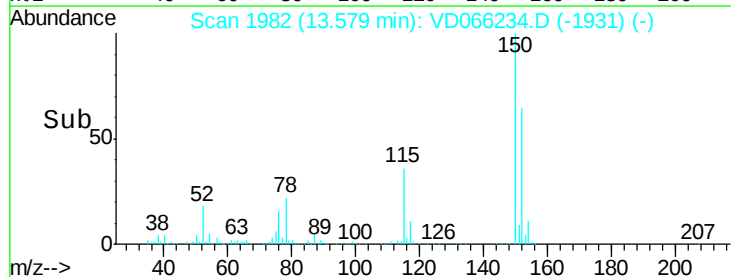
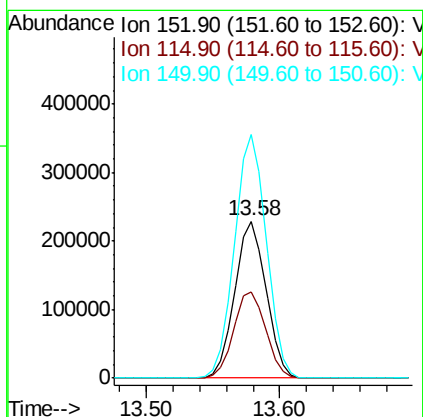
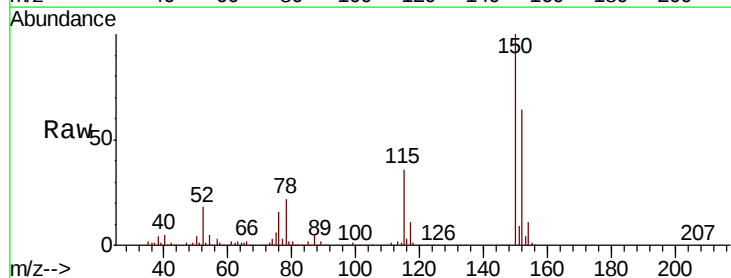
Instrument :
MSVOA_D
ClientSampleId :
S414-K-SO-2-2.5-081220

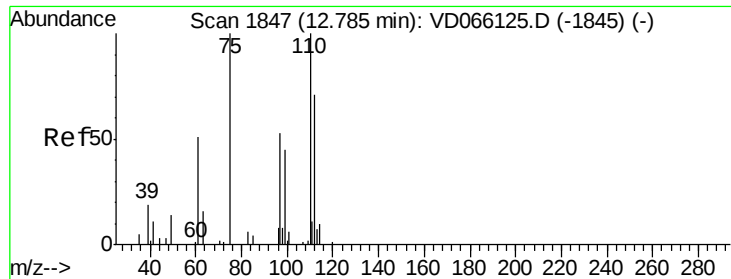
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	43.0	64.4
119	32.0	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066234.D
Acq: 14 Aug 2020 14:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.0	83.9
150	157.4	0.0	346.4





#76

1,2,3-Trichloropropane

Concen: 52.875 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066234.D

Acq: 14 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

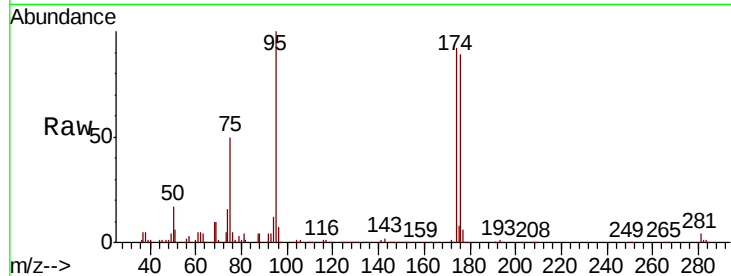
S414-K-SO-2-2.5-081220

Tot Ion: 75 Resp: 164681

Ion Ratio Lower Upper

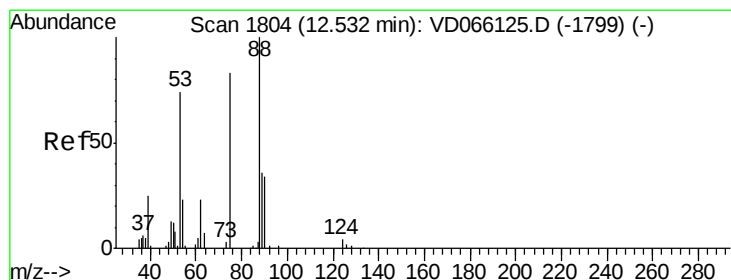
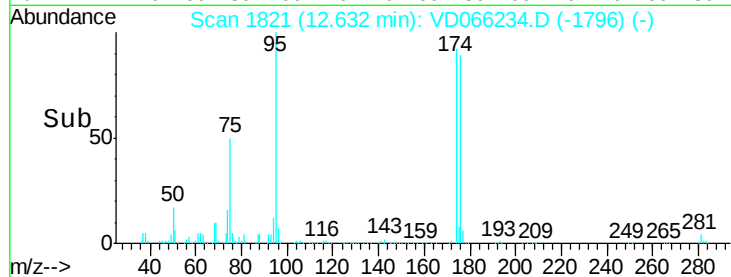
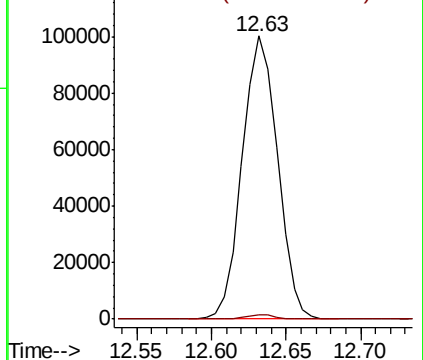
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 116.883 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066234.D

Acq: 14 Aug 2020 14:07

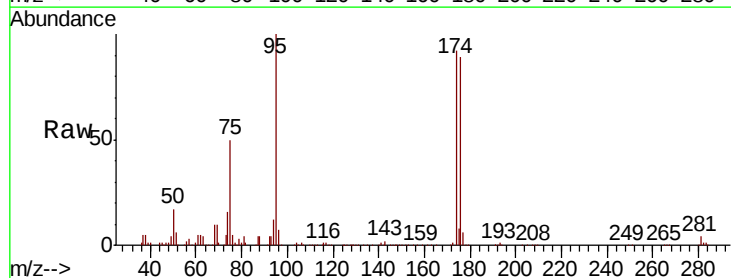
Tgt Ion: 75 Resp: 164681

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.0 36.6 55.0#



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

