

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122719\
 Data File : VD064663.D
 Acq On : 28 Dec 2019 01:48
 Operator : VA/SY
 Sample : K6441-04
 Misc : 7.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K321-SB-04

Quant Time: Dec 30 01:03:55 2019
 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

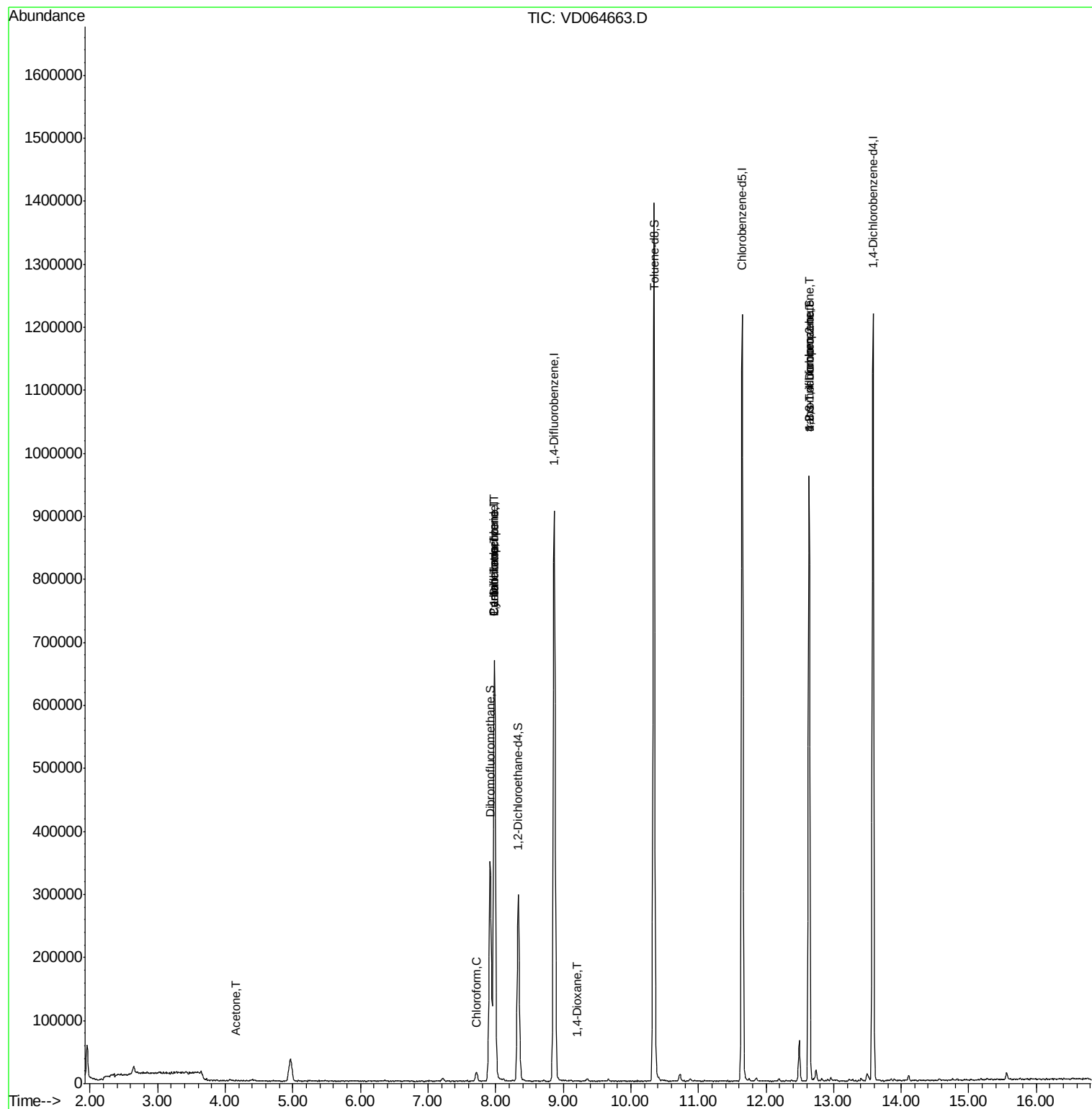
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	523386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	788993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	687335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	318815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	238467	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
35) Dibromofluoromethane	7.92	113	244149	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
50) Toluene-d8	10.34	98	934839	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.64	95	281495	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	446	4.598	ug/l #	42
30) Chloroform	7.71	83	12168	1.349	ug/l	87
31) Cyclohexane	7.99	56	11798	1.371	ug/l #	1
36) 1,1-Dichloropropene	7.99	75	38263	5.039	ug/l #	51
38) Carbon Tetrachloride	7.98	117	50138	6.192	ug/l #	15
49) 1,4-Dioxane	9.20	88	62	1.948	ug/l #	24
76) 1,2,3-Trichloropropane	12.64	75	154420	61.337	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	154420	128.285	ug/l #	10

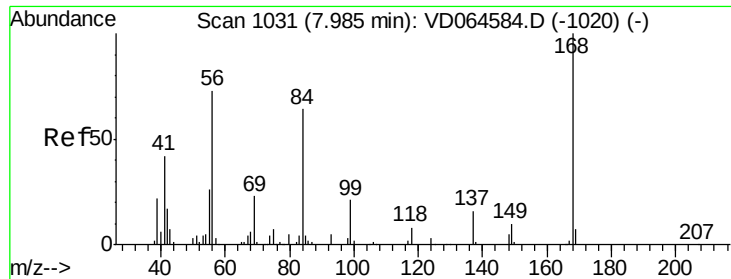
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : K6441-04
Misc : 7.23G/5.00ml/MSVOA_D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064663.D

Acq: 28 Dec 2019 01:48

Instrument :

MSVOA_D

ClientSampleId :

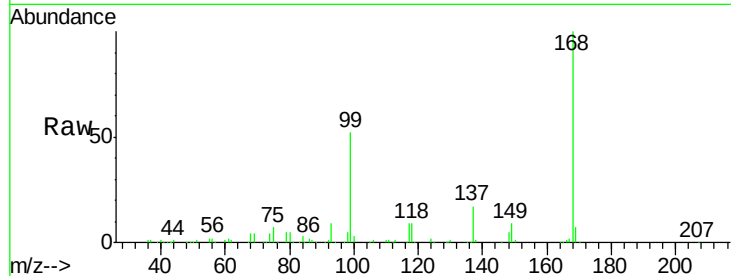
K321-SB-04

Tgt Ion:168 Resp: 523386

Ion Ratio Lower Upper

168 100

99 51.7 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

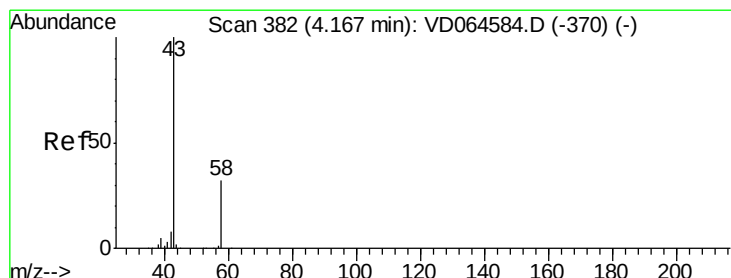
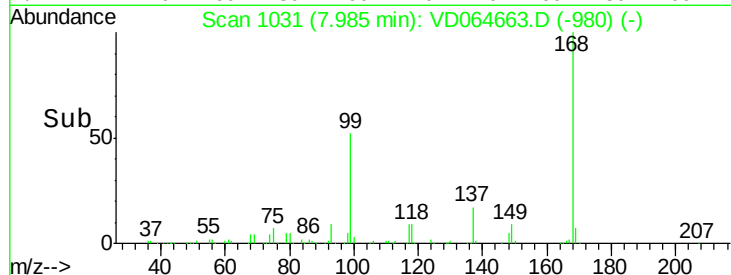
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.598 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064663.D

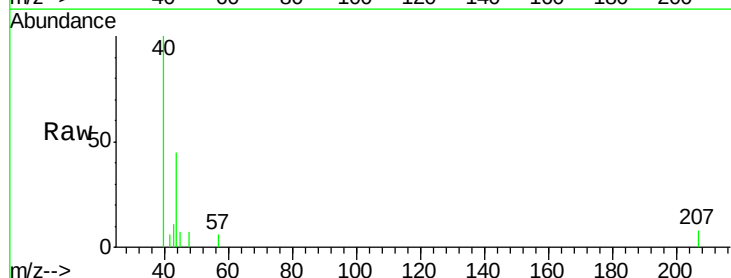
Acq: 28 Dec 2019 01:48

Tgt Ion: 43 Resp: 446

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

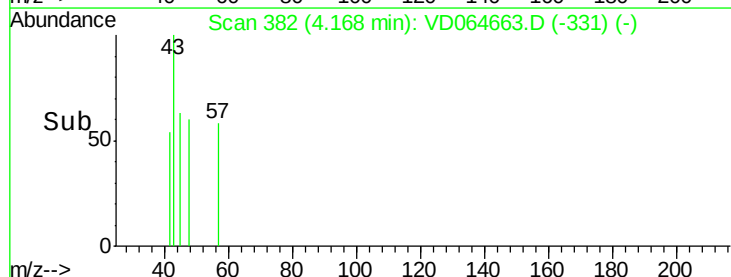
300

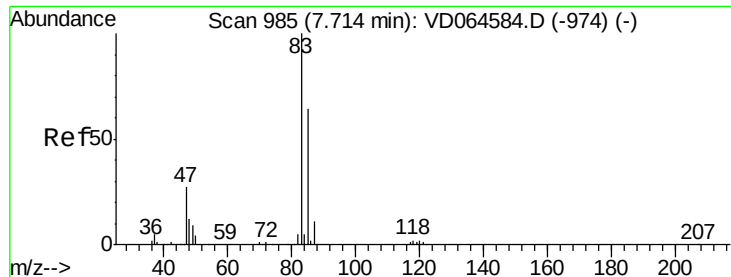
200

100

0

Time-->

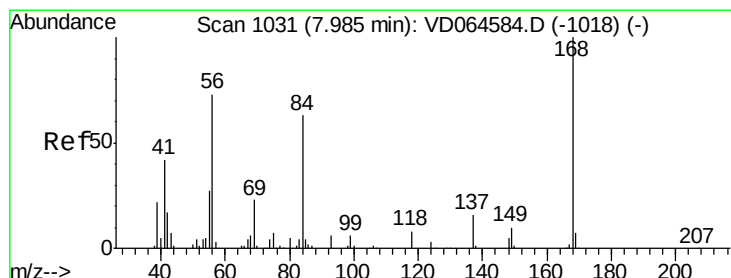
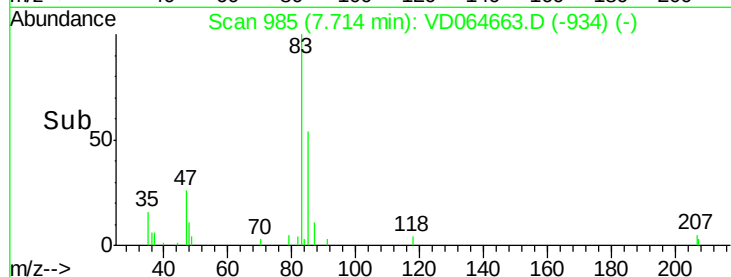
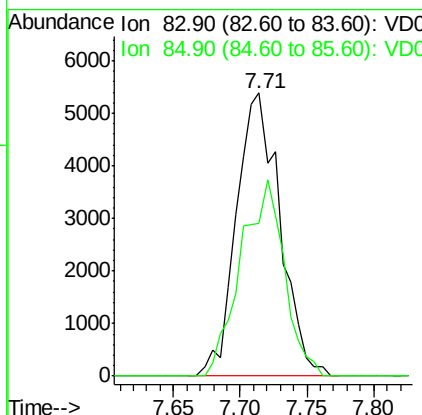
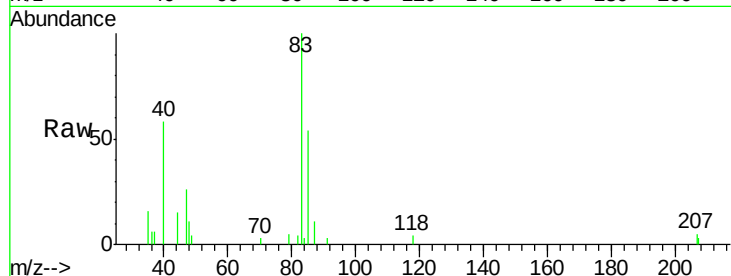




#30
Chloroform
Concen: 1.349 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064663.D
Acq: 28 Dec 2019 01:48

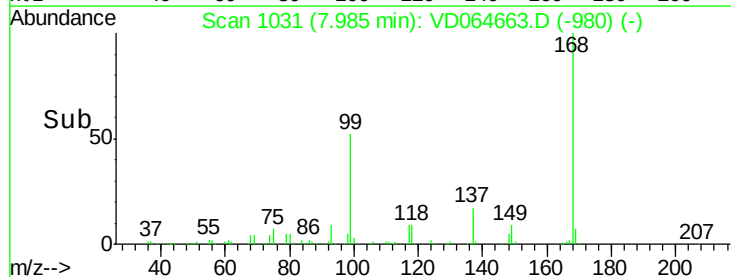
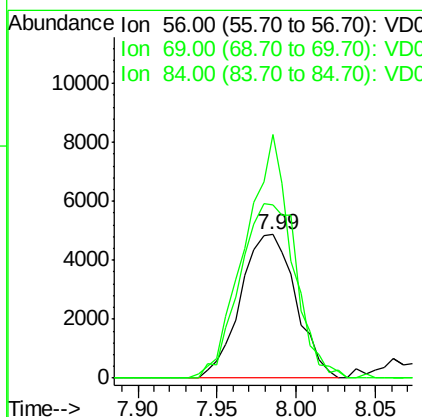
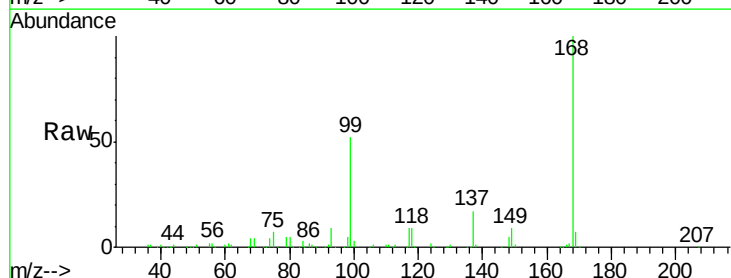
Instrument :
MSVOA_D
ClientSampleId :
K321-SB-04

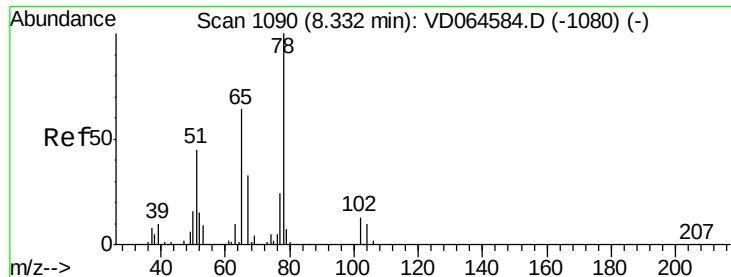
Tgt Ion: 83 Resp: 12168
Ion Ratio Lower Upper
83 100
85 53.9 51.1 76.7



#31
Cyclohexane
Concen: 1.371 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064663.D
Acq: 28 Dec 2019 01:48

Tgt Ion: 56 Resp: 11798
Ion Ratio Lower Upper
56 100
69 169.7 24.7 37.1#
84 127.9 69.4 104.2#

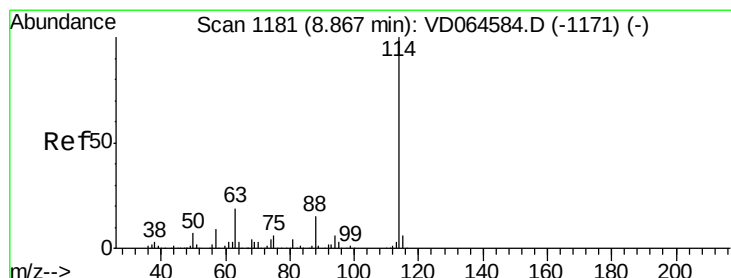
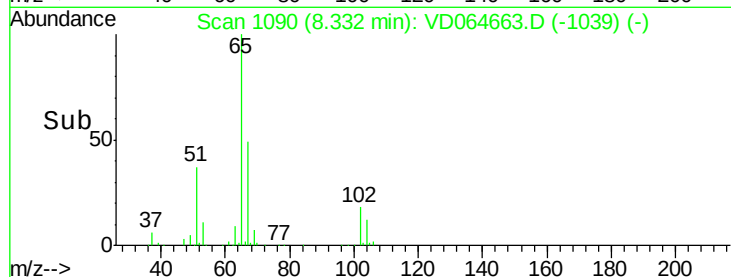
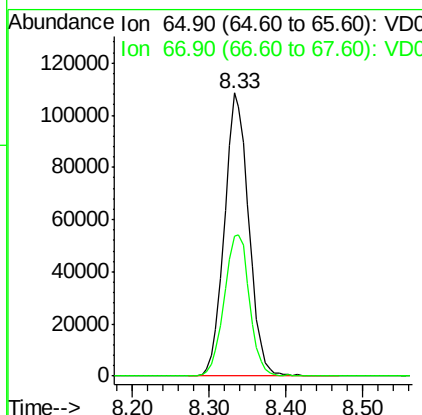
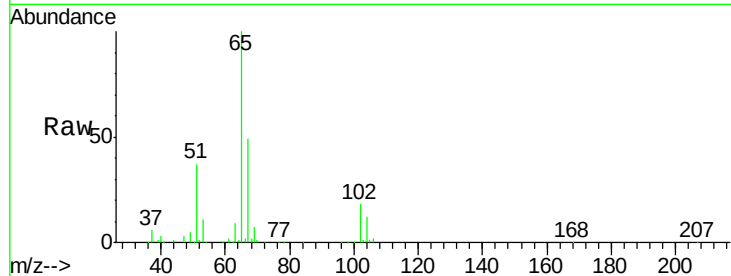




#33
 1,2-Dichloroethane-d4
 Concen: 51.670 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064663.D
 Acq: 28 Dec 2019 01:48

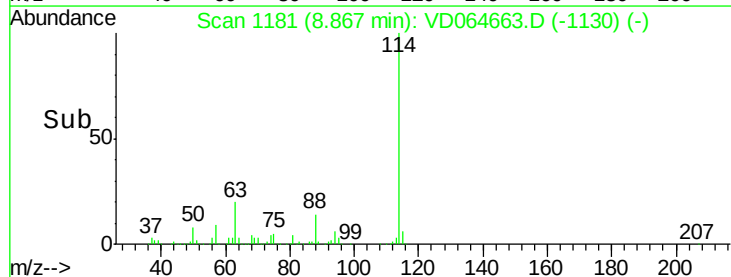
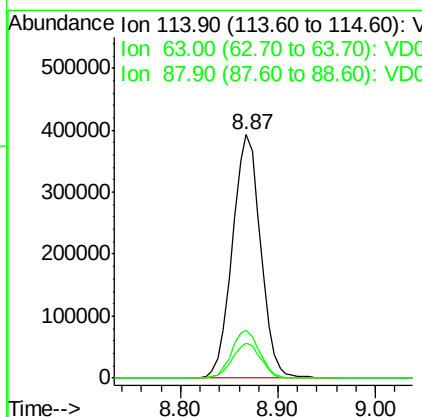
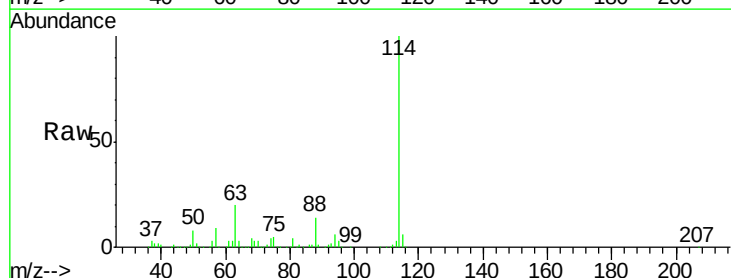
Instrument :
 MSVOA_D
 ClientSampleId :
 K321-SB-04

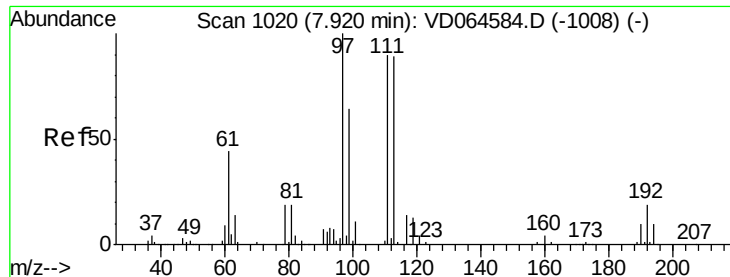
Tgt Ion: 65 Resp: 238467
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064663.D
 Acq: 28 Dec 2019 01:48

Tgt Ion: 114 Resp: 788993
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 14.4 0.0 29.2

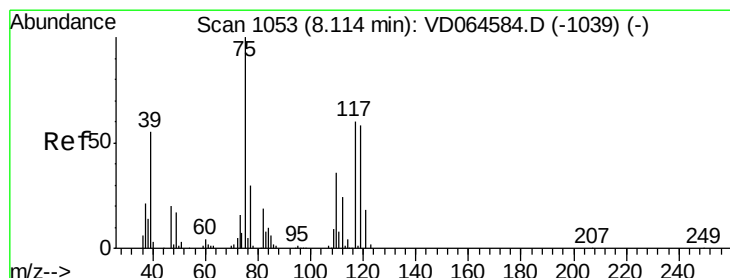
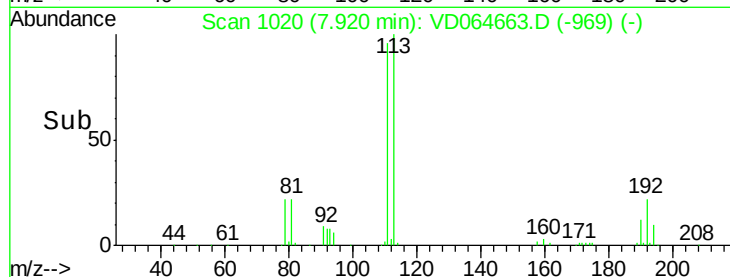
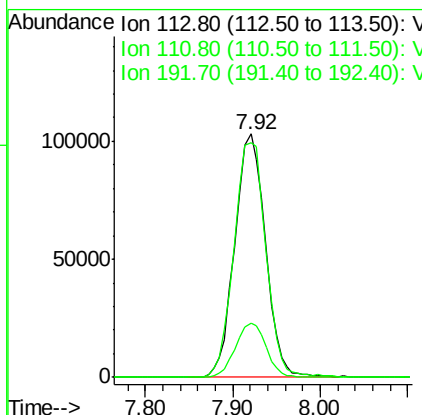
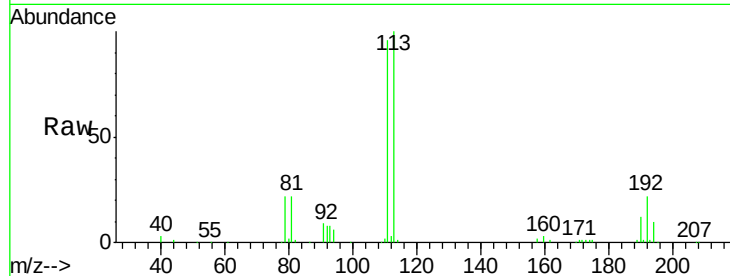




#35
 Dibromofluoromethane
 Concen: 50.438 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064663.D
 Acq: 28 Dec 2019 01:48

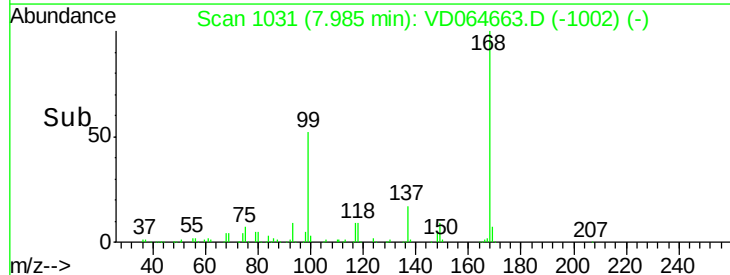
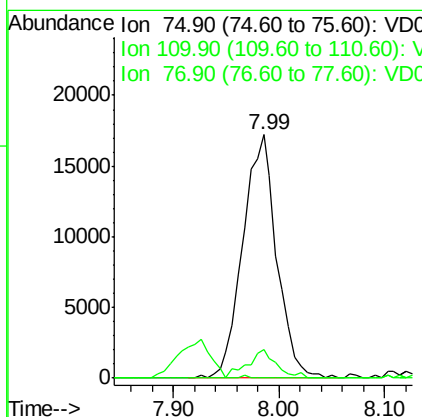
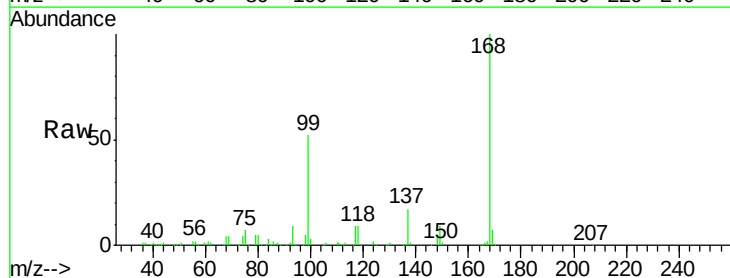
Instrument :
 MSVOA_D
 ClientSampleId :
 K321-SB-04

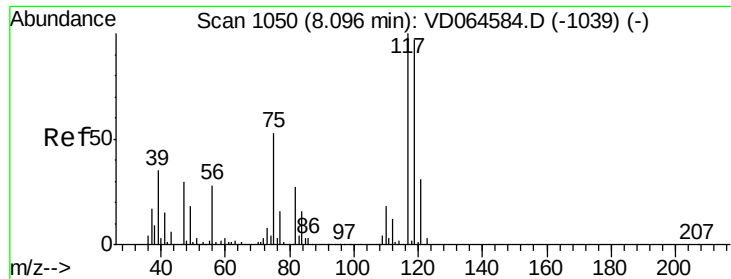
Tgt Ion:113 Resp: 244149
 Ion Ratio Lower Upper
 113 100
 111 101.0 80.6 121.0
 192 22.2 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 5.039 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064663.D
 Acq: 28 Dec 2019 01:48

Tgt Ion: 75 Resp: 38263
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.1 54.1#
 77 0.2 24.2 36.4#





#38

Carbon Tetrachloride

Concen: 6.192 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064663.D

Acq: 28 Dec 2019 01:48

Instrument :

MSVOA_D

ClientSampleId :

K321-SB-04

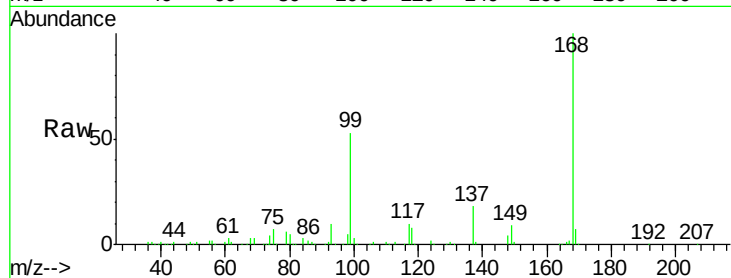
Tgt Ion:117 Resp: 50138

Ion Ratio Lower Upper

117 100

119 3.8 77.3 115.9#

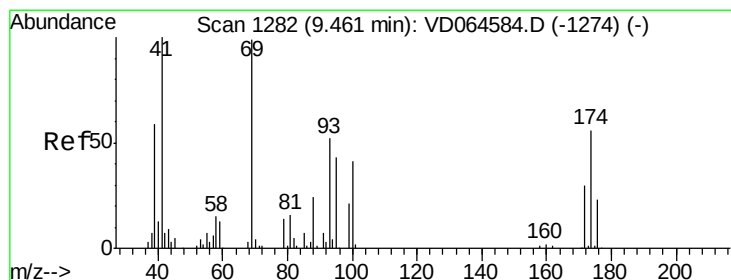
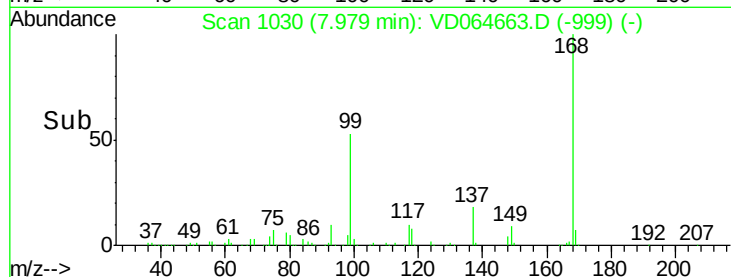
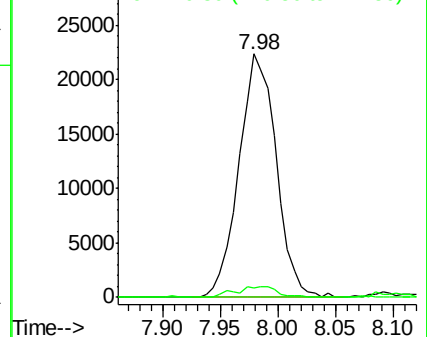
121 0.0 25.0 37.6#



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



#49

1,4-Dioxane

Concen: 1.948 ug/l

RT: 9.20 min Scan# 1238

Delta R.T. -0.26 min

Lab File: VD064663.D

Acq: 28 Dec 2019 01:48

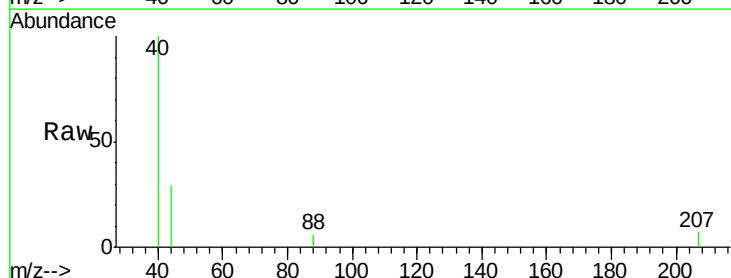
Tgt Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

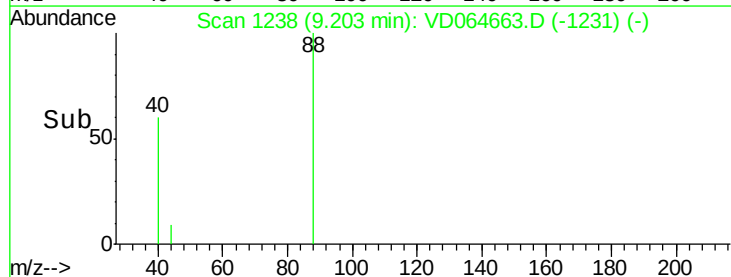
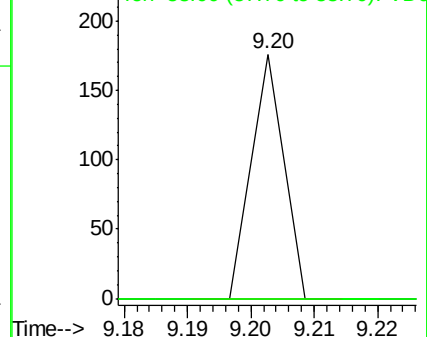
58 0.0 53.8 80.6#

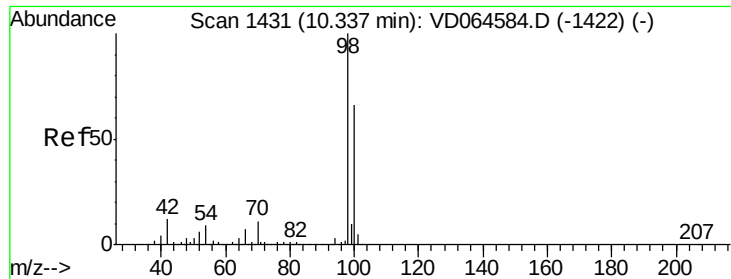


Abundance Ion 88.00 (87.70 to 88.70): V

Ion 43.00 (42.70 to 43.70): V

Ion 58.00 (57.70 to 58.70): V

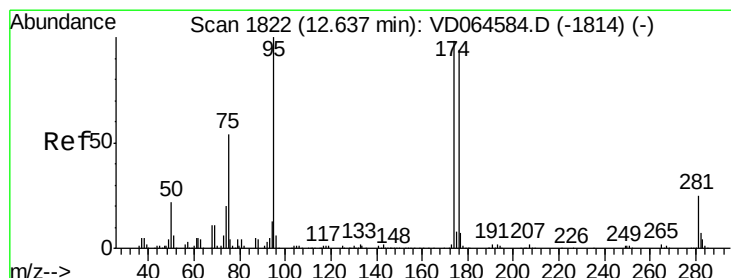
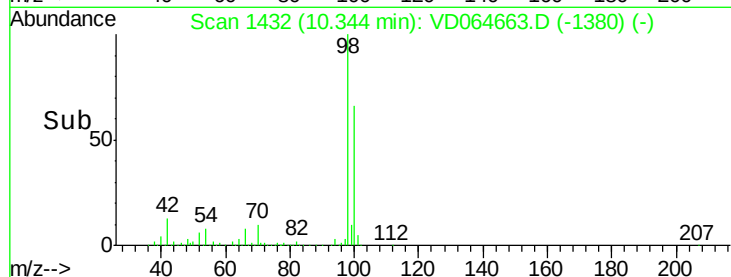
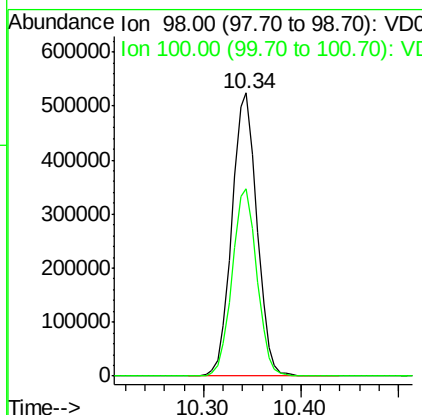
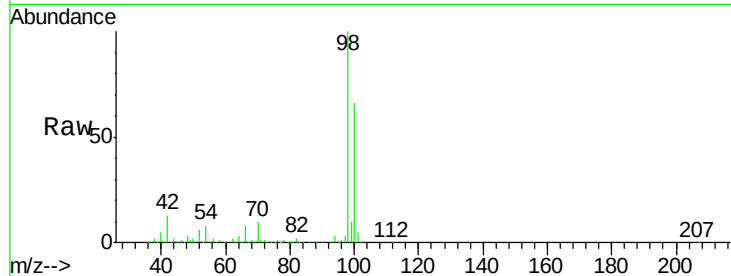




#50
Toluene-d8
Concen: 50.426 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064663.D
Acq: 28 Dec 2019 01:48

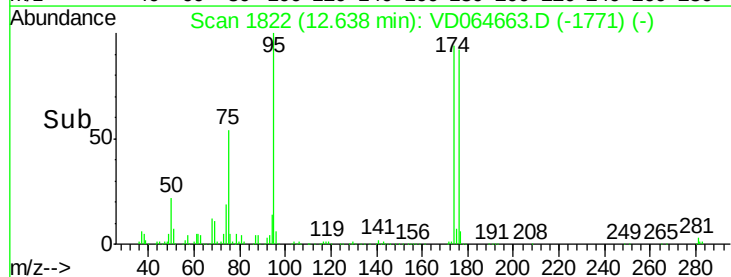
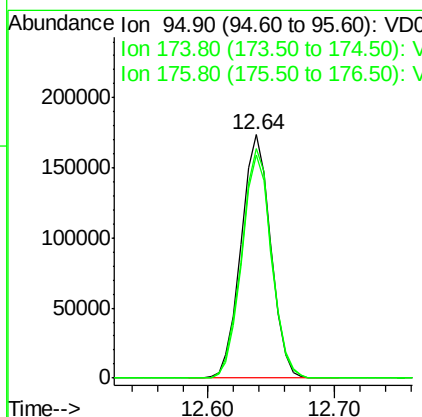
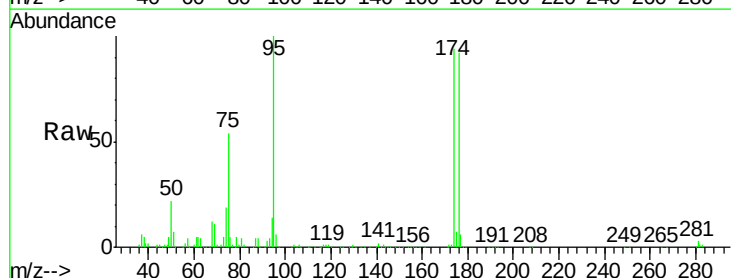
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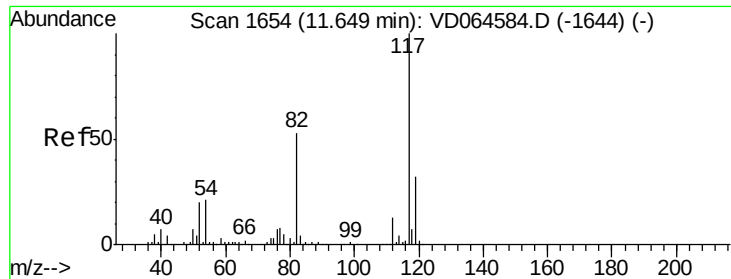
Tgt Ion: 98 Resp: 934839
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.018 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064663.D
Acq: 28 Dec 2019 01:48

Tgt Ion: 95 Resp: 281495
Ion Ratio Lower Upper
95 100
174 95.0 0.0 193.2
176 92.5 0.0 184.2

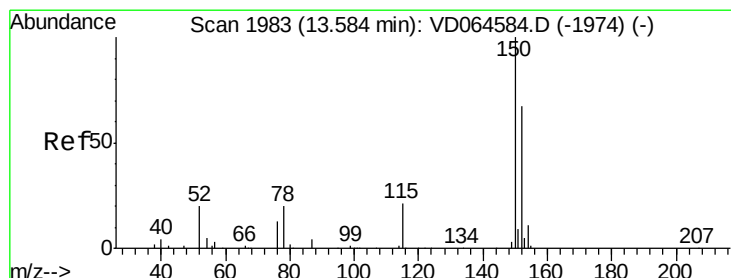
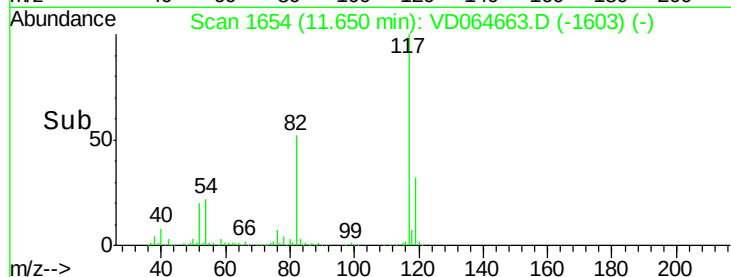
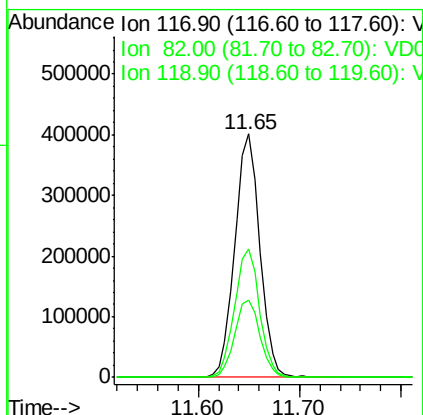
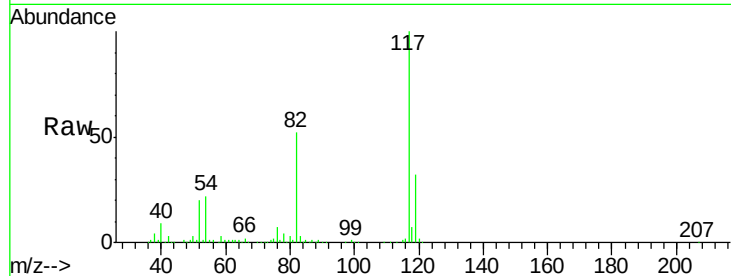




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064663.D
Acq: 28 Dec 2019 01:48

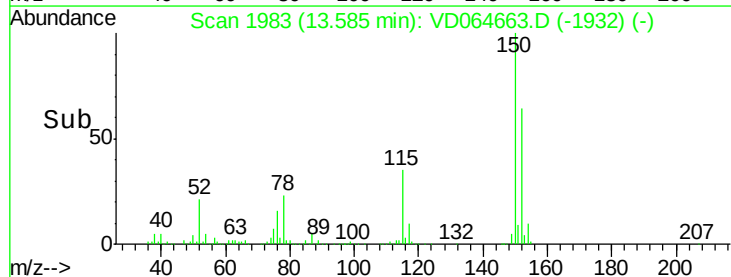
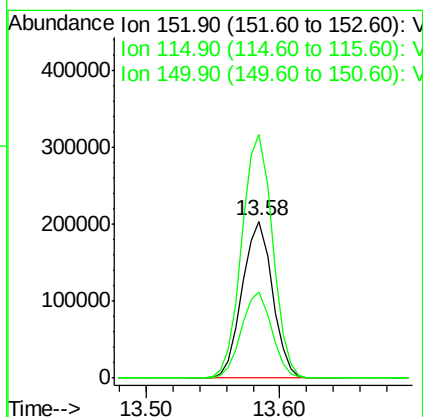
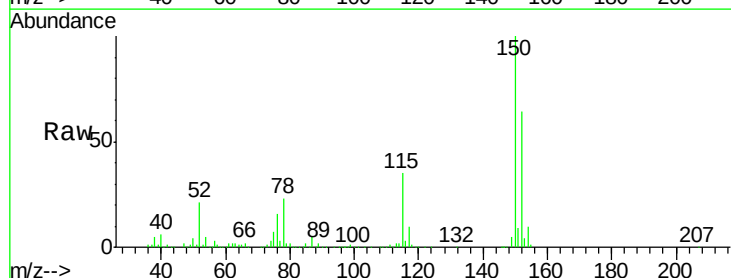
Instrument :
MSVOA_D
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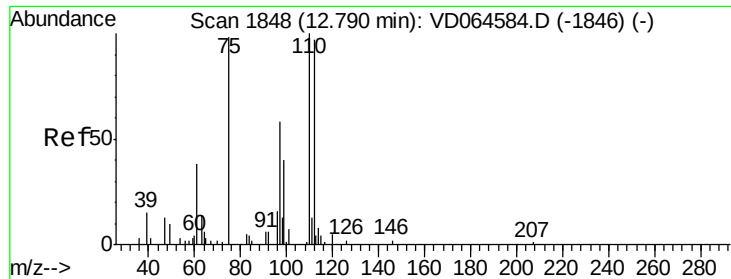
Tgt Ion:117 Resp: 687335
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.4
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064663.D
Acq: 28 Dec 2019 01:48

Tgt Ion:152 Resp: 318815
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.4
150 158.1 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 61.337 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064663.D

Acq: 28 Dec 2019 01:48

Instrument :

MSVOA_D

ClientSampleId :

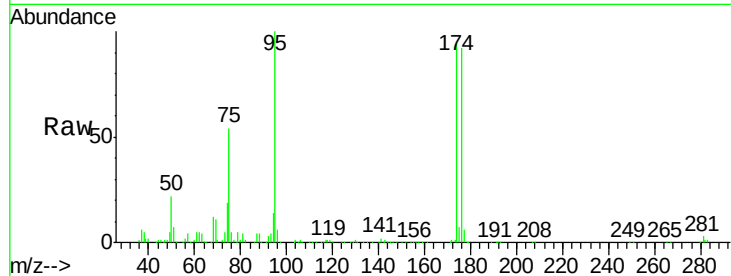
K321-SB-04

Tgt Ion: 75 Resp: 154420

Ion Ratio Lower Upper

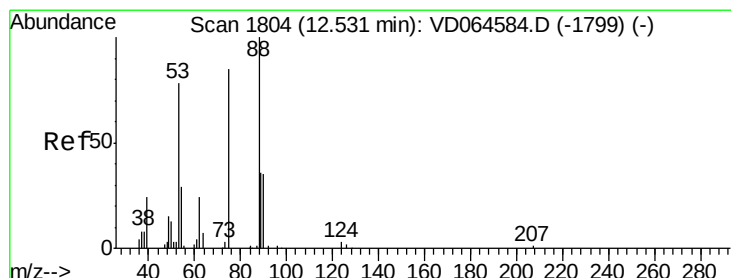
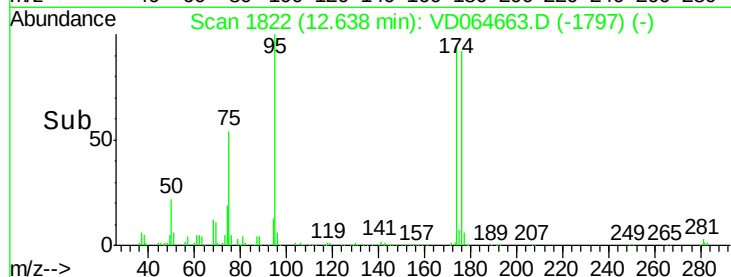
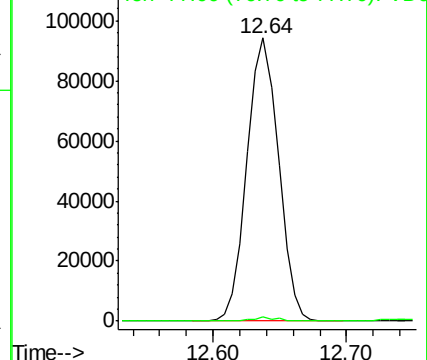
75 100

77 1.1 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: 128.285 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064663.D

Acq: 28 Dec 2019 01:48

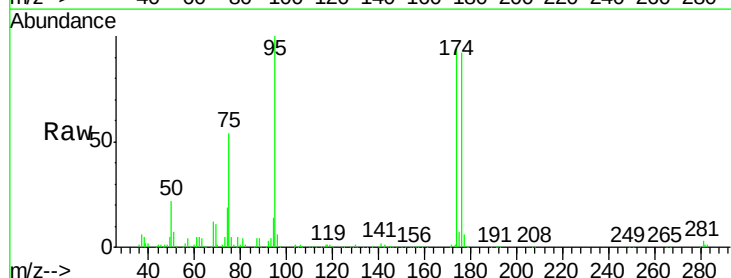
Tgt Ion: 75 Resp: 154420

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 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

