

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067750.D
 Acq On : 23 Nov 2020 17:16
 Operator : VA/SY
 Sample : L4838-01RE
 Misc : 4.77G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B2-111920-0-2

Quant Time: Nov 24 00:56:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	249018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	372231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	403667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	213109	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	108078	44.64	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.28%
35) Dibromofluoromethane	7.91	113	112344	47.43	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.86%
50) Toluene-d8	10.34	98	435807	50.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.64%
62) 4-Bromofluorobenzene	12.64	95	180626	61.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.04%

Target Compounds

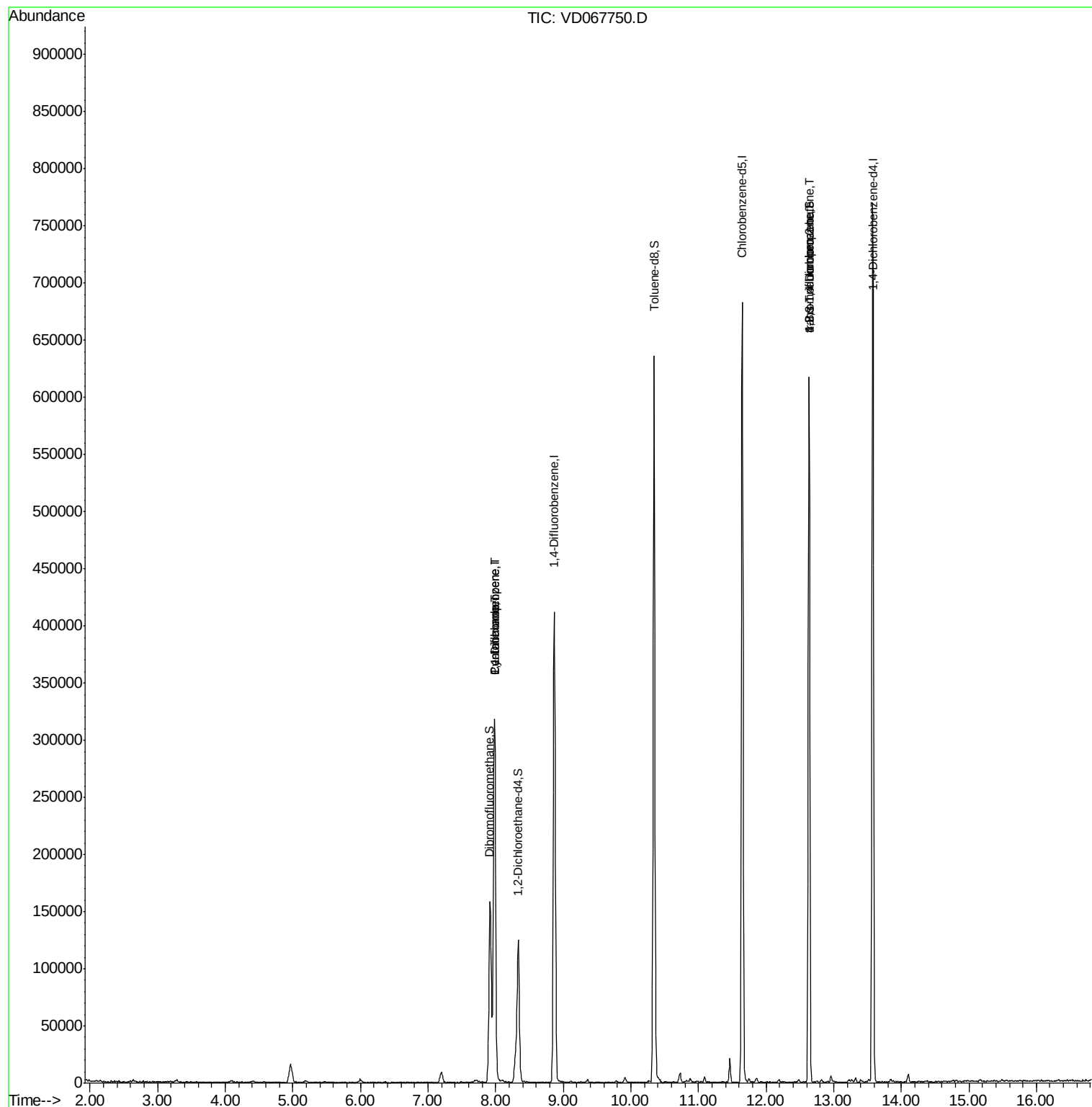
					Qvalue
11) Tert butyl alcohol	5.21	59	936	Below Cal	# 87
20) Methylene Chloride	4.96	84	13557	Below Cal	# 94
31) Cyclohexane	7.98	56	4956	1.692 ug/l	# 18
36) 1,1-Dichloropropene	7.98	75	16090	5.037 ug/l	# 54
76) 1,2,3-Trichloropropane	12.64	75	97967	65.959 ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.64	75	97967	154.273 ug/l	# 11

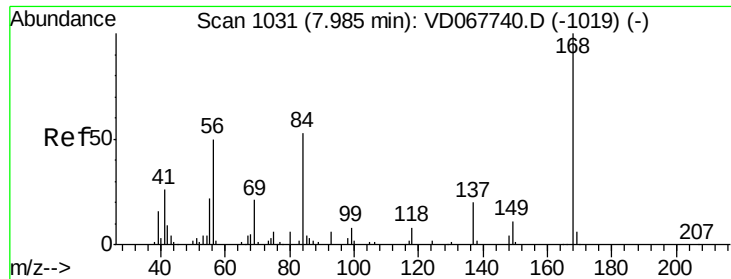
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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KENS-B2-111920-0-2

Quant Time: Nov 24 00:56:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067750.D

Acq: 23 Nov 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

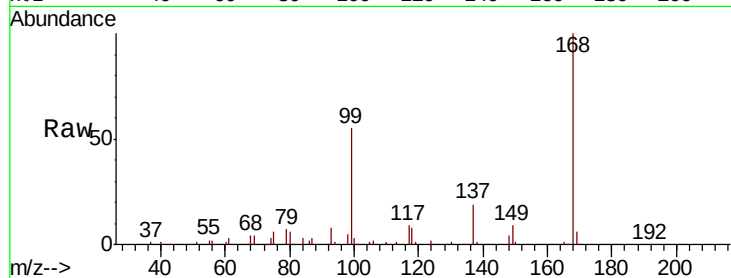
KENS-B2-111920-0-2

Tot Ion:168 Resp: 249018

Ion Ratio Lower Upper

168 100

99 54.7 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

120000

100000

80000

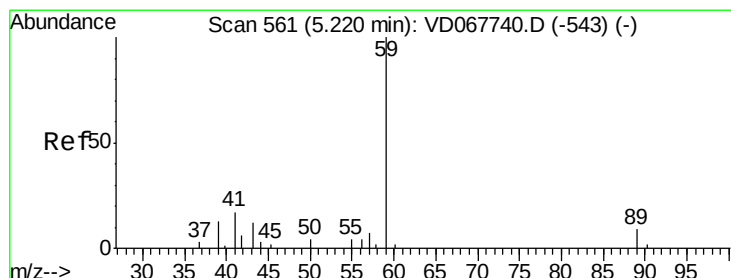
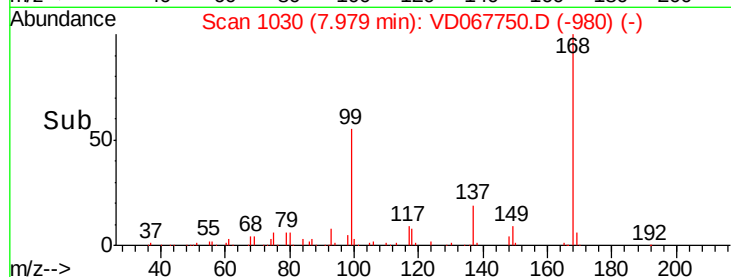
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD067750.D

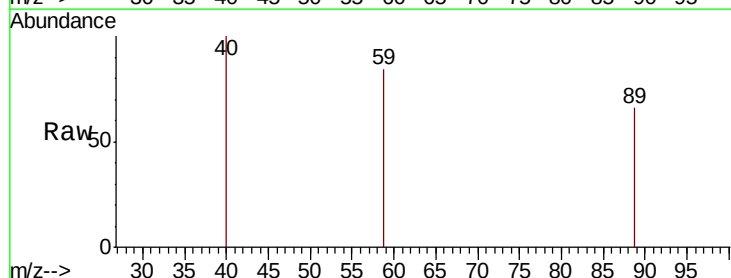
Acq: 23 Nov 2020 17:16

Tgt Ion: 59 Resp: 936

Ion Ratio Lower Upper

59 100

57 0.0 3.4 5.0#



Abundance Ion 59.00 (58.70 to 59.70): V

Ion 57.00 (56.70 to 57.70): V

5.21

500

400

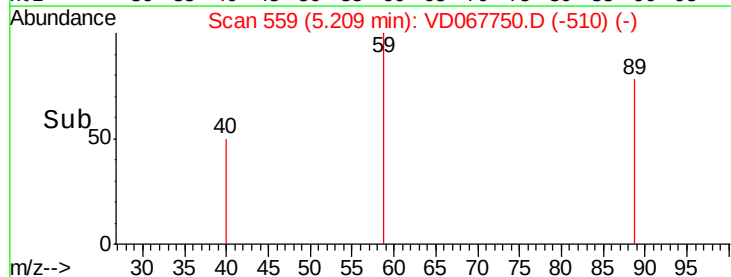
300

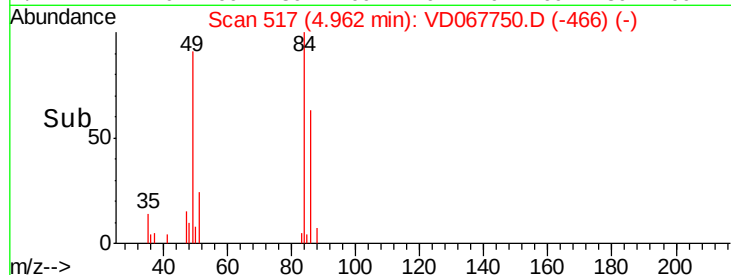
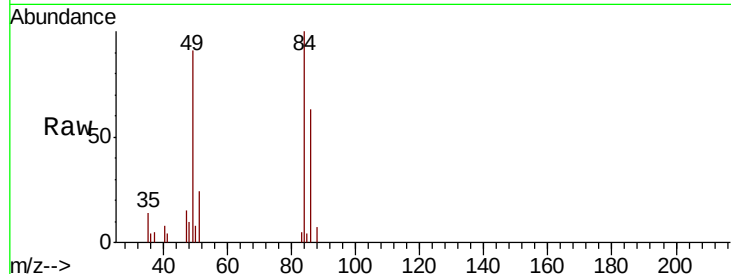
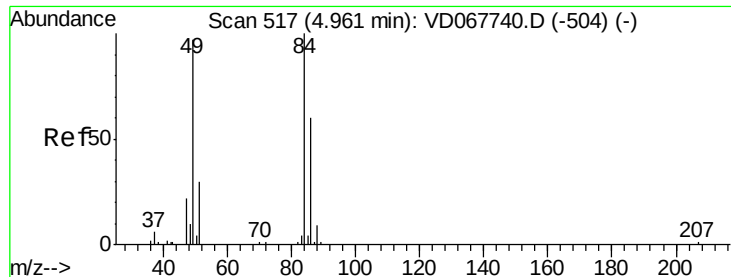
200

100

0

Time-->

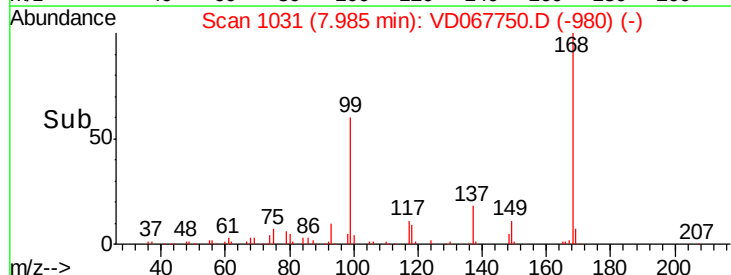
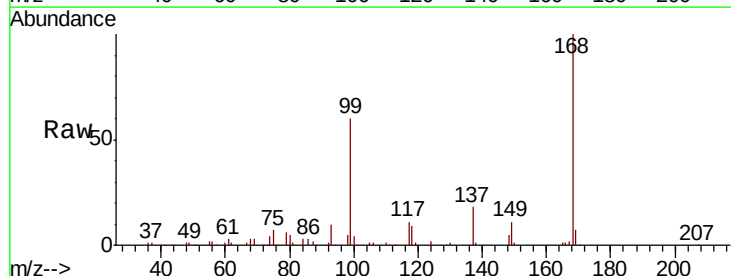
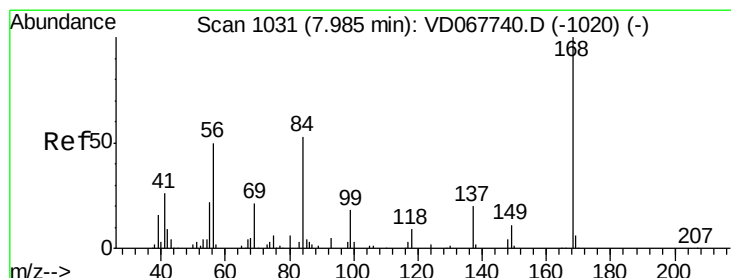
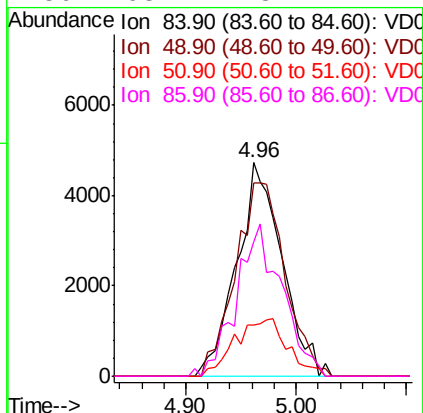




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067750.D
Acq: 23 Nov 2020 17:16

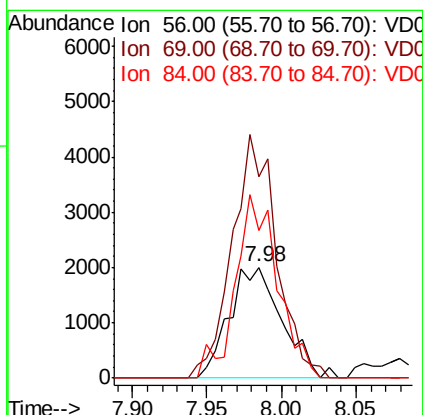
Instrument :
MSVOA_D
ClientSampleId :
KENS-B2-111920-0-2

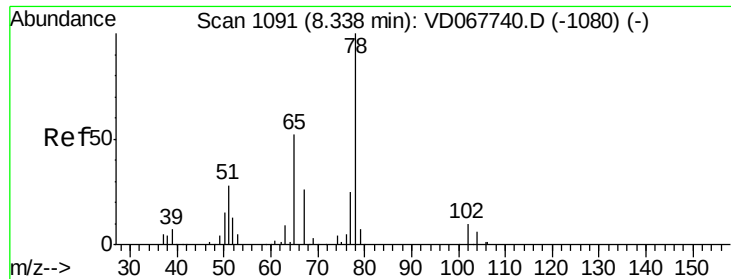
Tot Ion:	84	Resp:	13557
Ion	Ratio	Lower	Upper
84	100		
49	90.8	77.4	116.2
51	23.9	24.1	36.1#
86	63.2	48.2	72.2



#31
Cyclohexane
Concen: 1.692 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067750.D
Acq: 23 Nov 2020 17:16

Tgt Ion:	56	Resp:	4956
Ion	Ratio	Lower	Upper
56	100		
69	182.0	33.2	49.8#
84	133.9	84.8	127.2#





#33

1,2-Dichloroethane-d4

Concen: 44.638 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067750.D

Acq: 23 Nov 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

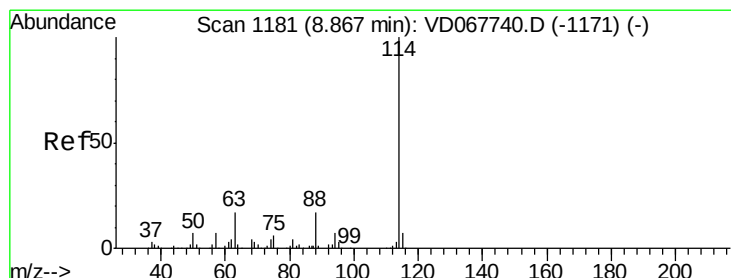
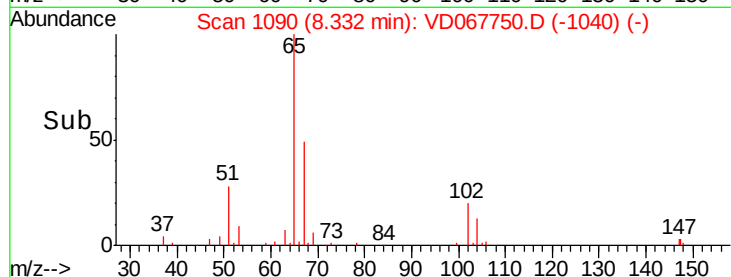
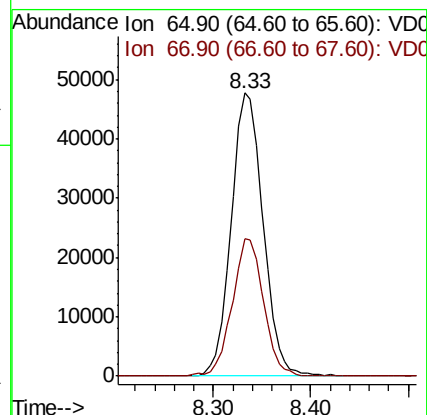
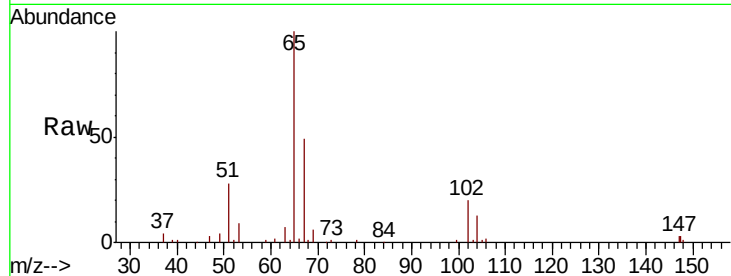
KENS-B2-111920-0-2

Tot Ion: 65 Resp: 108078

Ion Ratio Lower Upper

65 100

67 47.7 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067750.D

Acq: 23 Nov 2020 17:16

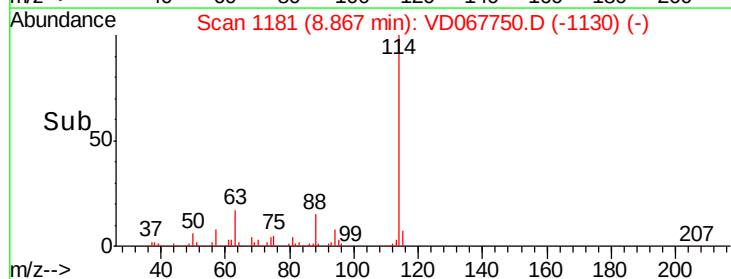
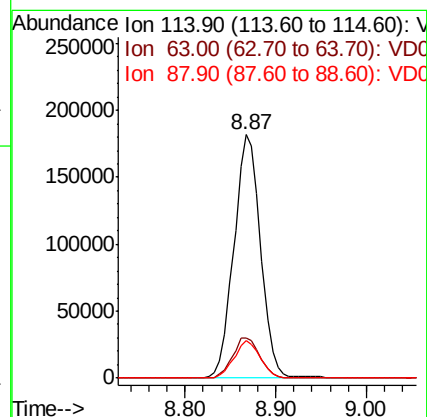
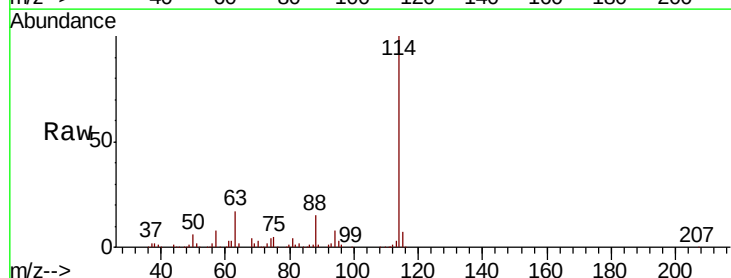
Tgt Ion: 114 Resp: 372231

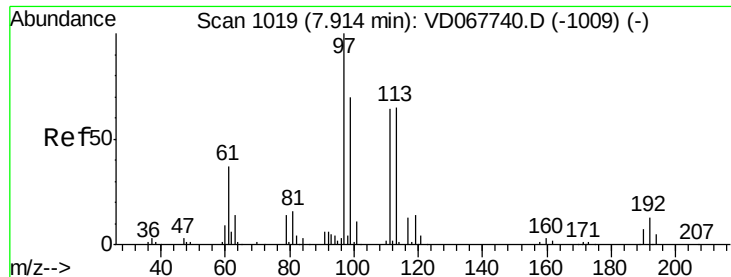
Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.8

88 15.4 0.0 34.4

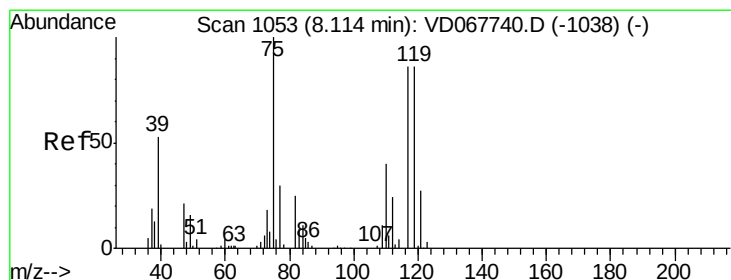
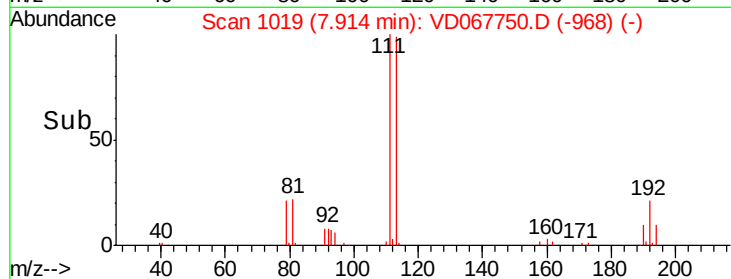
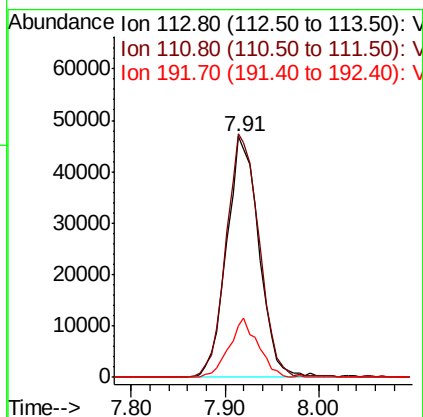
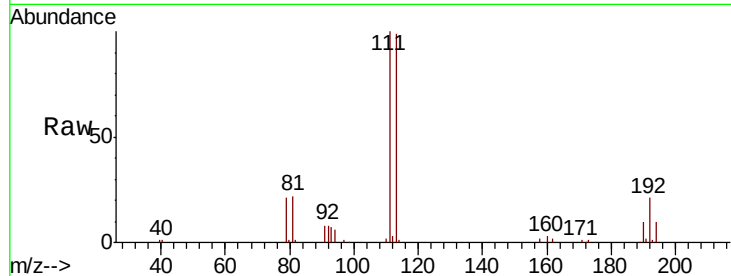




#35
Dibromofluoromethane
Concen: 47.425 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067750.D
Acq: 23 Nov 2020 17:16

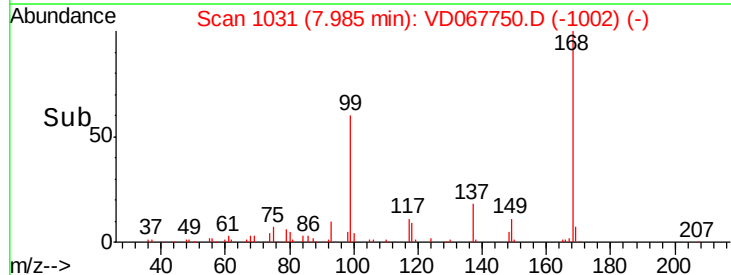
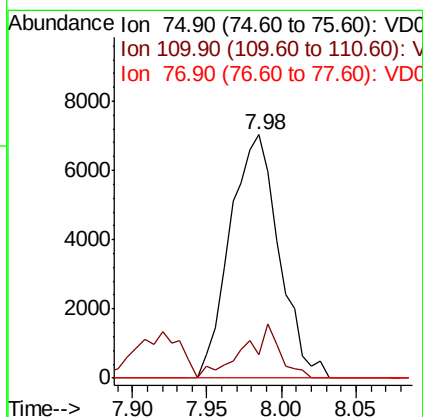
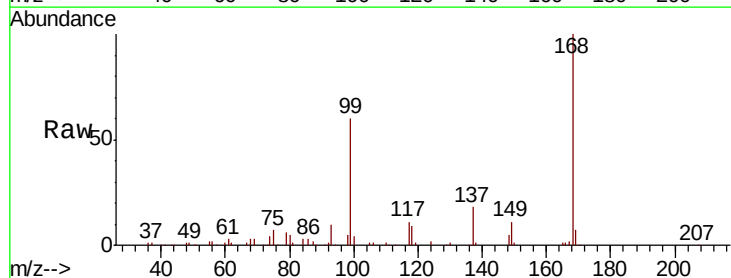
Instrument :
MSVOA_D
ClientSampleId :
KENS-B2-111920-0-2

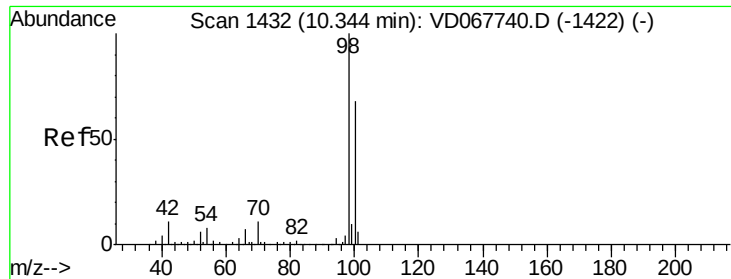
Tot Ion:113 Resp: 112344
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 22.0 17.0 25.4



#36
1,1-Dichloropropene
Concen: 5.037 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.13 min
Lab File: VD067750.D
Acq: 23 Nov 2020 17:16

Tgt Ion: 75 Resp: 16090
Ion Ratio Lower Upper
75 100
110 16.3 20.1 60.2#
77 0.0 24.8 37.2#

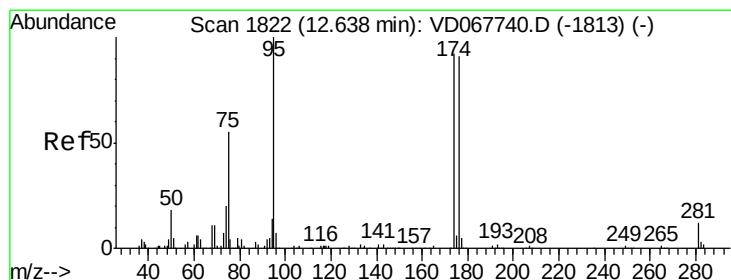
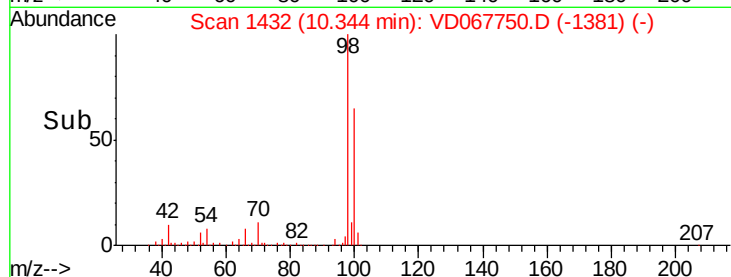
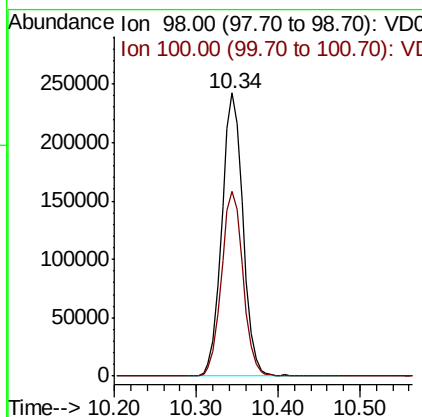
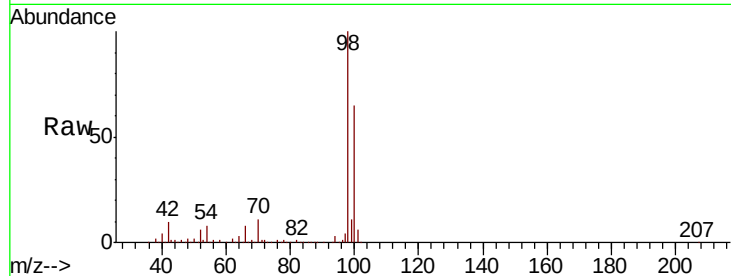




#50
Toluene-d8
Concen: 50.320 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067750.D
Acq: 23 Nov 2020 17:16

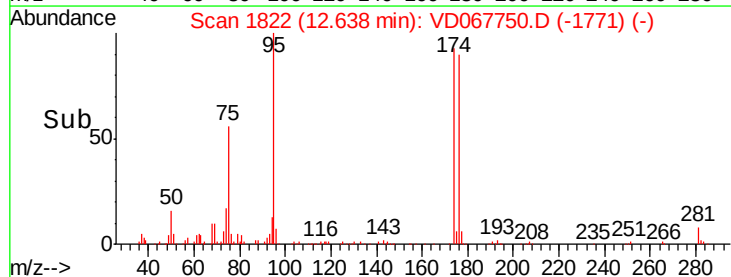
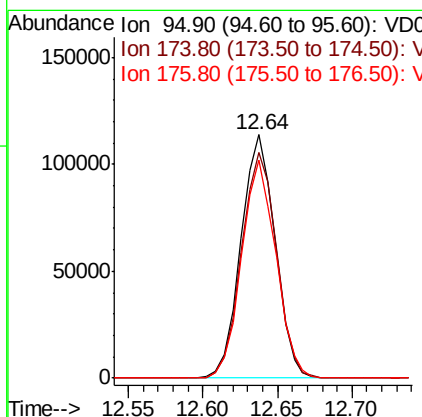
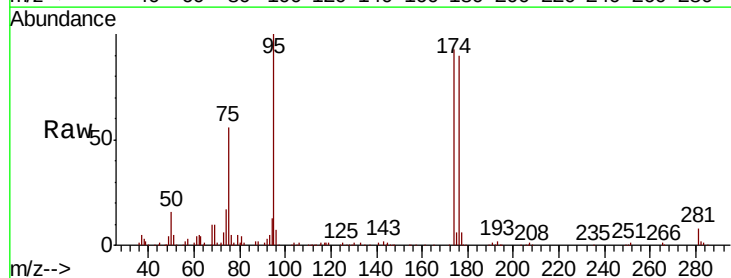
Instrument :
MSVOA_D
ClientSampleId :
KENS-B2-111920-0-2

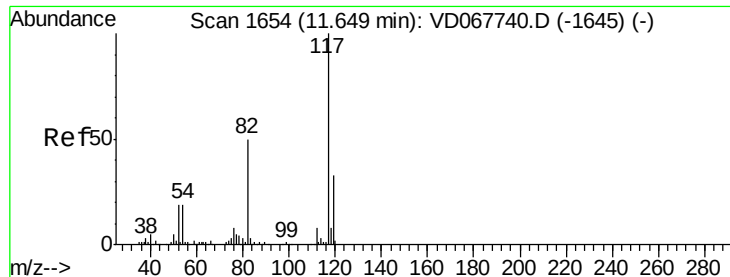
Tot Ion: 98 Resp: 435807
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 61.016 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067750.D
Acq: 23 Nov 2020 17:16

Tgt Ion: 95 Resp: 180626
Ion Ratio Lower Upper
95 100
174 94.7 0.0 182.4
176 89.8 0.0 178.2

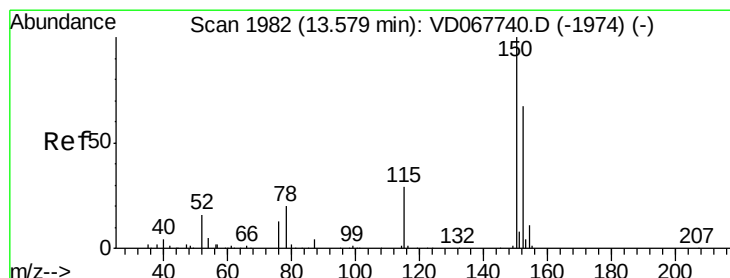
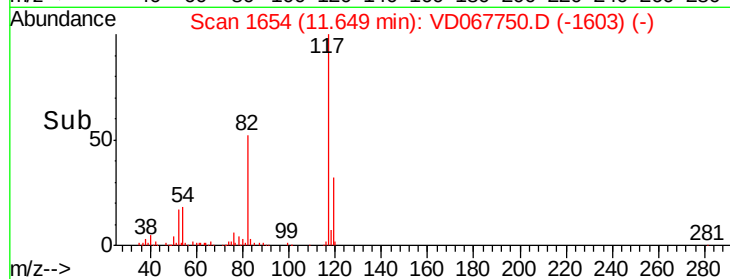
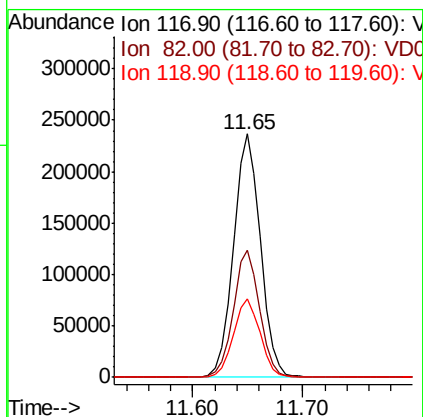
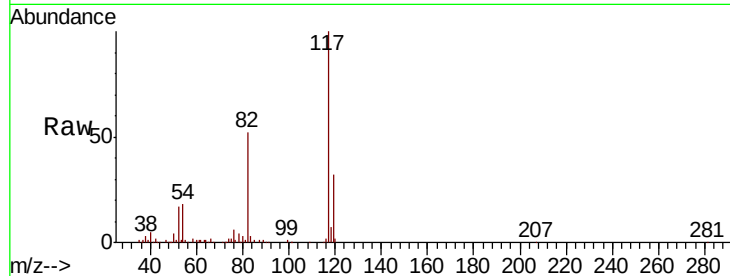




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067750.D
Acq: 23 Nov 2020 17:16

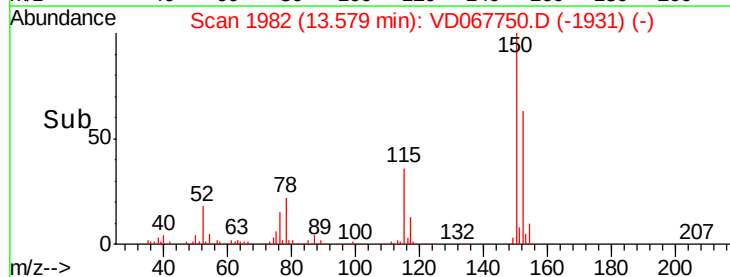
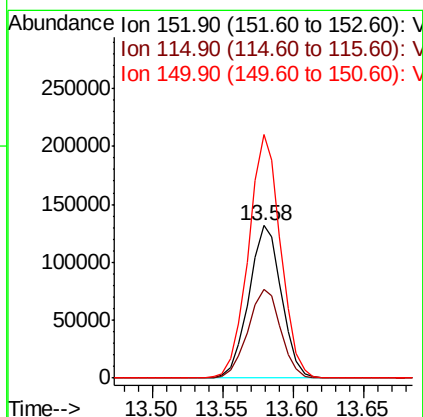
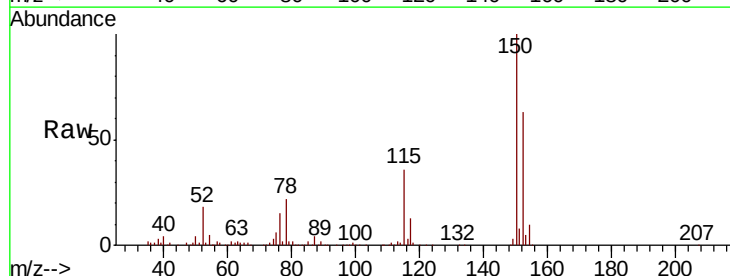
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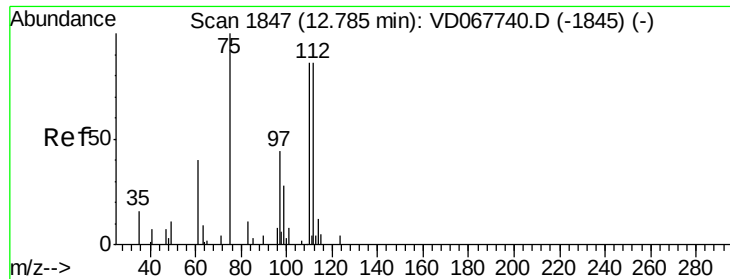
Tot Ion:117 Resp: 403667
Ion Ratio Lower Upper
117 100
82 52.0 40.2 60.4
119 32.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067750.D
Acq: 23 Nov 2020 17:16

Tgt Ion:152 Resp: 213109
Ion Ratio Lower Upper
152 100
115 58.8 29.4 88.3
150 157.4 0.0 340.6





#76

1,2,3-Trichloropropane

Concen: 65.959 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067750.D

Acq: 23 Nov 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

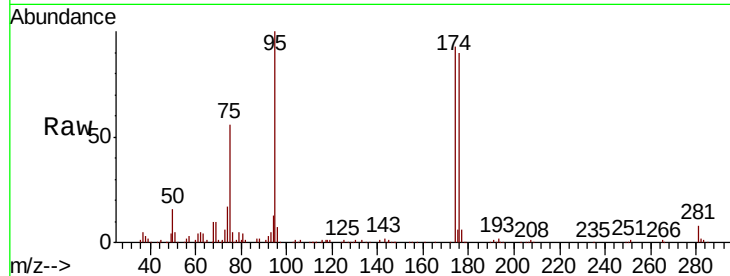
KENS-B2-111920-0-2

Tot Ion: 75 Resp: 97967

Ion Ratio Lower Upper

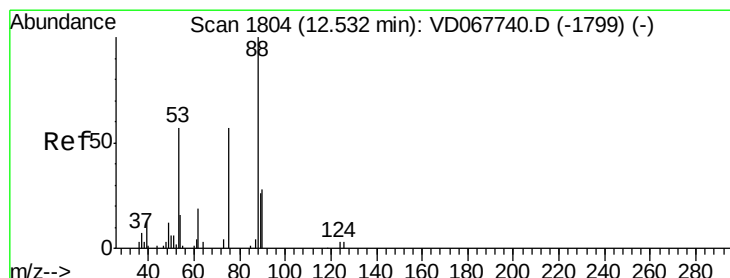
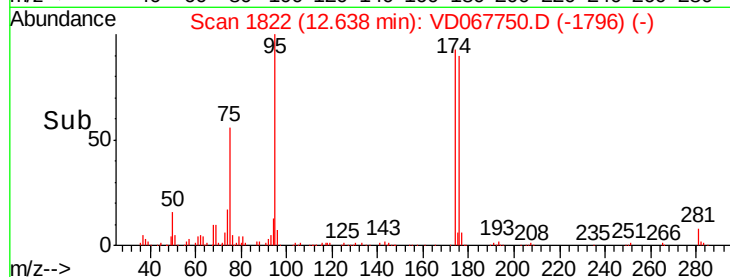
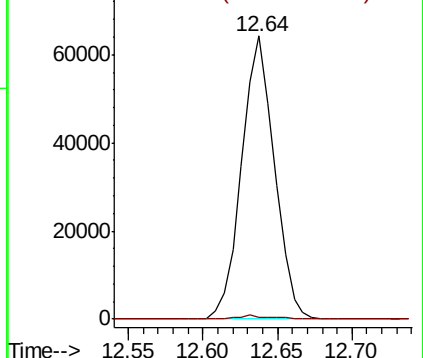
75 100

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: 154.273 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067750.D

Acq: 23 Nov 2020 17:16

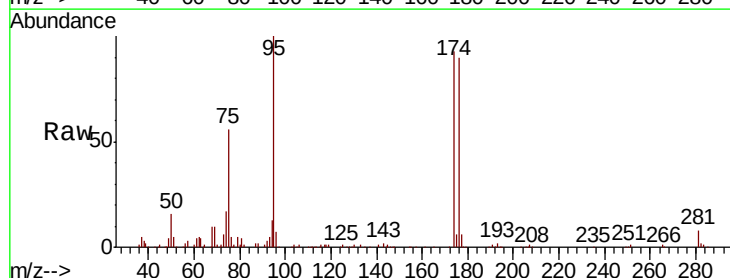
Tgt Ion: 75 Resp: 97967

Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

89 0.0 40.2 60.4#



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

