

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067819.D
 Acq On : 30 Nov 2020 17:27
 Operator : VA/SY
 Sample : L4880-07
 Misc : 4.86G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-6-8

Quant Time: Dec 01 00:18:14 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	7.99	168	190494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	282435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	262365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	130918	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	93593	50.53	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.06%
35) Dibromofluoromethane	7.92	113	85642	47.65	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.30%
50) Toluene-d8	10.34	98	294862	44.87	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.74%
62) 4-Bromofluorobenzene	12.64	95	98746	43.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.92%

Target Compounds

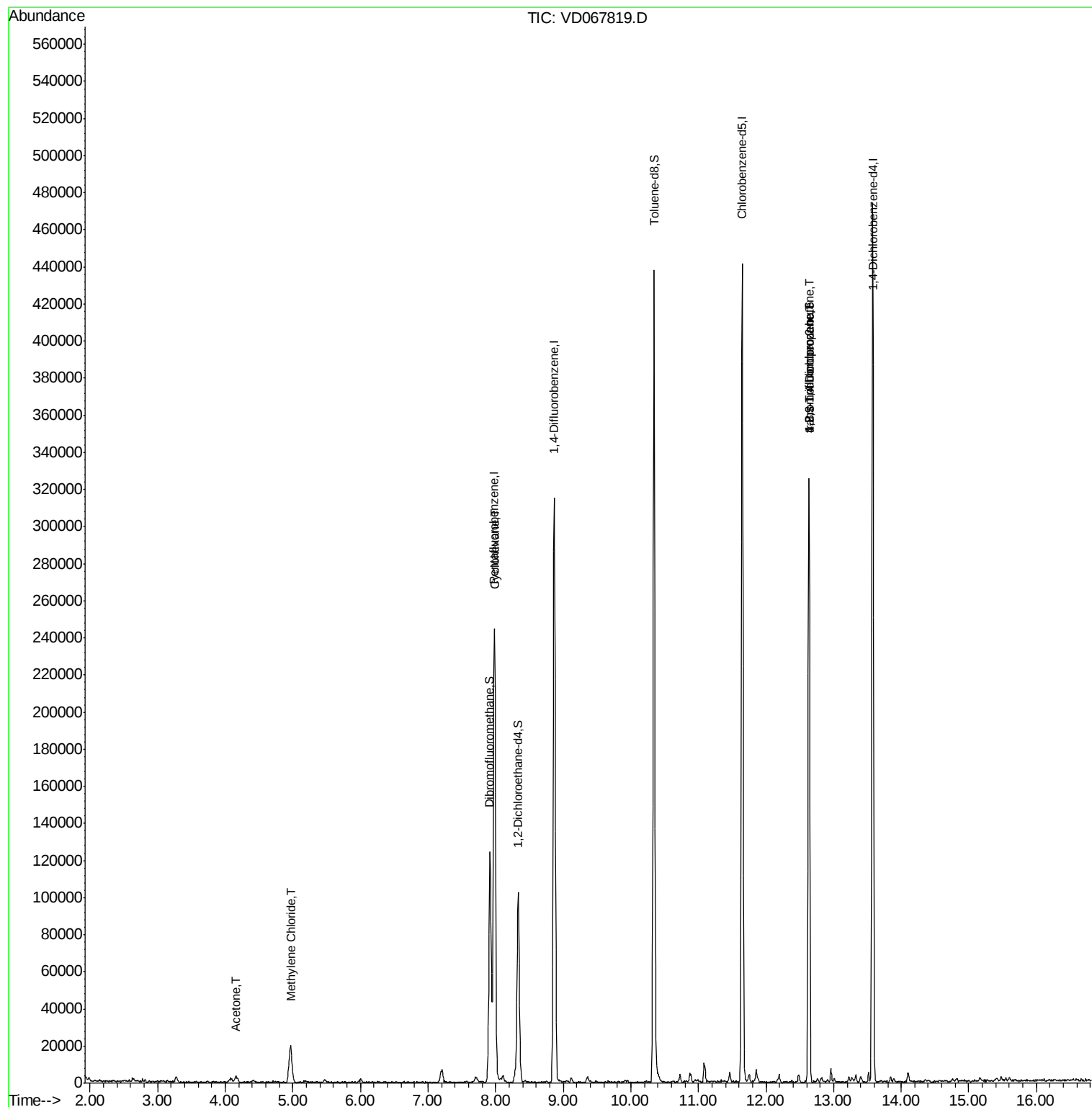
					Qvalue
11) Tert butyl alcohol	5.19	59	443	Below Cal	# 87
16) Acetone	4.16	43	6534	27.307	ug/l # 80
20) Methylene Chloride	4.97	84	16536	2.211	ug/l # 87
31) Cyclohexane	7.99	56	4231	1.888	ug/l # 50
76) 1,2,3-Trichloropropane	12.63	75	51729	56.693	ug/l # 100
81) trans-1,4-Dichloro-2-buten	12.63	75	51729	132.601	ug/l # 11

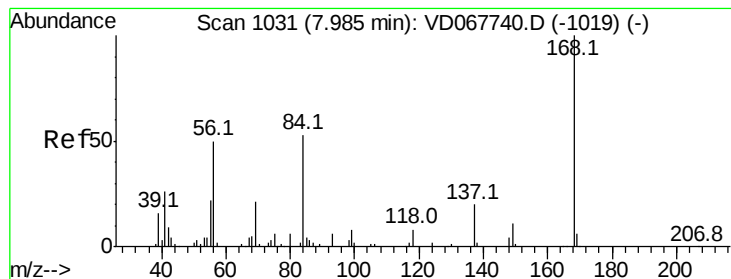
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067819.D

Acq: 30 Nov 2020 17:27

Instrument :

MSVOA_D

ClientSampleId :

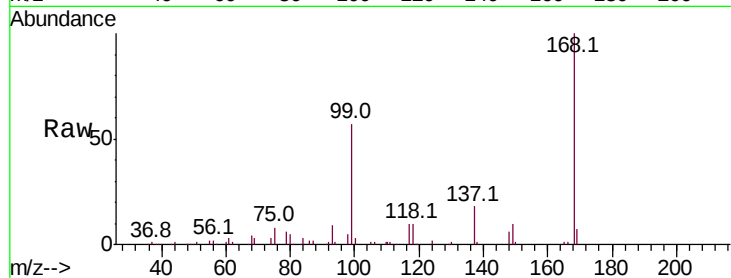
KENS-B4-112320-6-8

Tot Ion:168 Resp: 190494

Ion Ratio Lower Upper

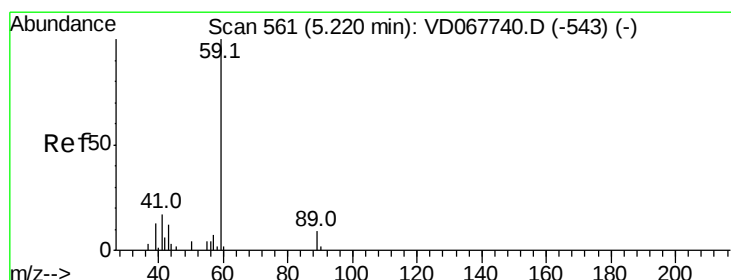
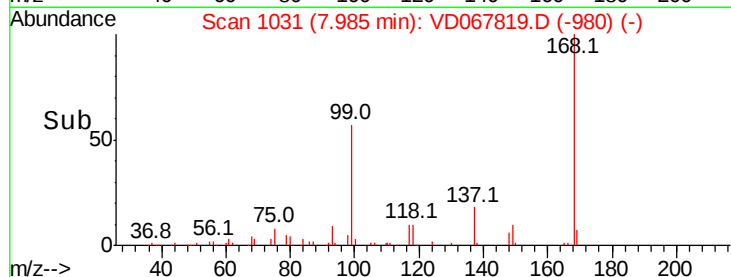
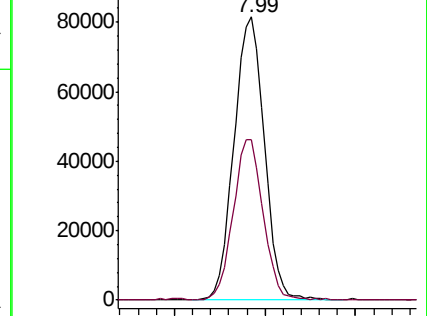
168 100

99 56.6 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD067819.D

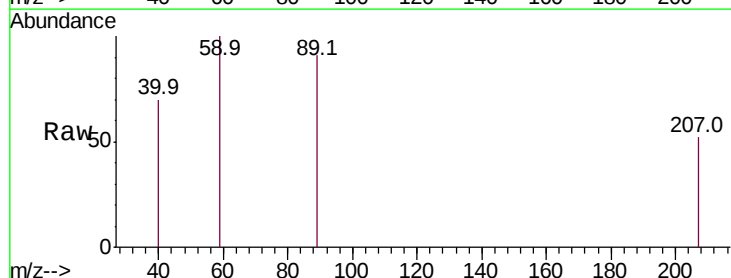
Acq: 30 Nov 2020 17:27

Tgt Ion: 59 Resp: 443

Ion Ratio Lower Upper

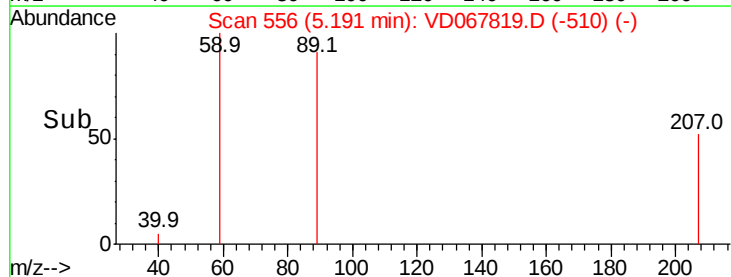
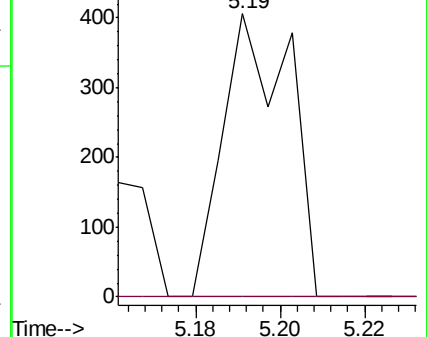
59 100

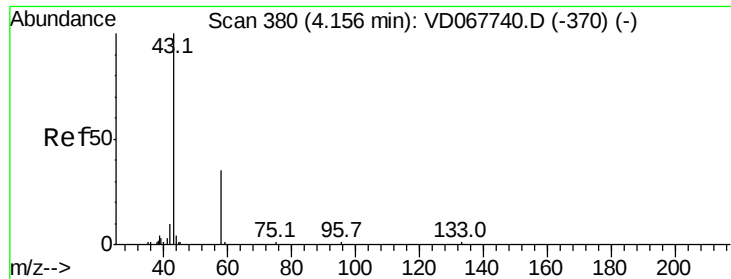
57 0.0 3.4 5.0#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 27.307 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067819.D

Acq: 30 Nov 2020 17:27

Instrument :

MSVOA_D

ClientSampleId :

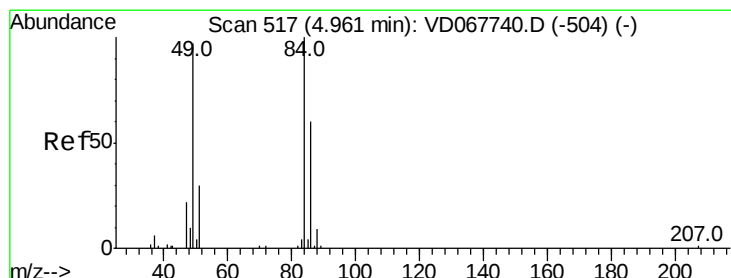
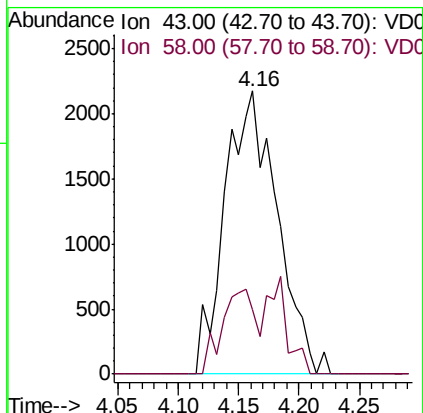
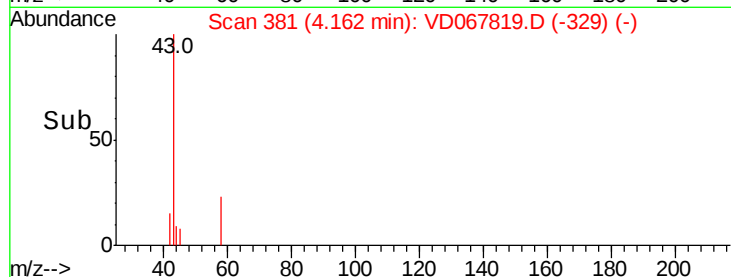
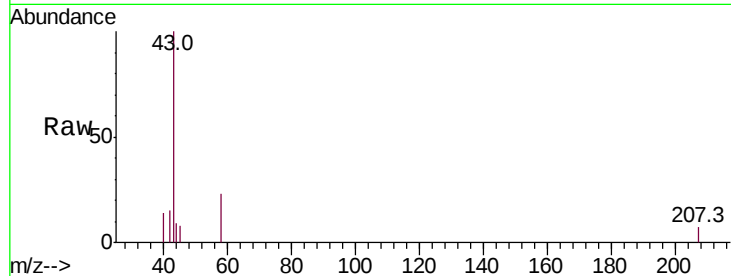
KENS-B4-112320-6-8

Tot Ion: 43 Resp: 6534

Ion Ratio Lower Upper

43 100

58 22.8 27.6 41.4#



#20

Methylene Chloride

Concen: 2.211 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD067819.D

Acq: 30 Nov 2020 17:27

Tgt Ion: 84 Resp: 16536

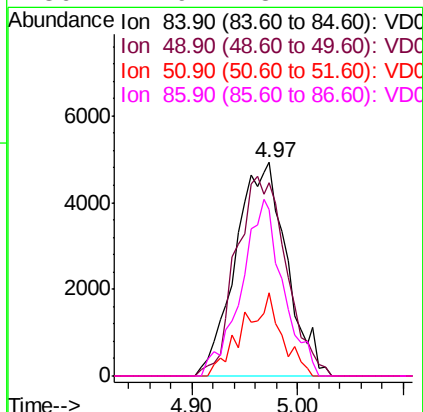
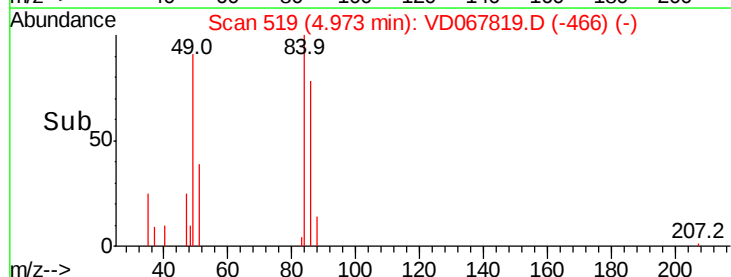
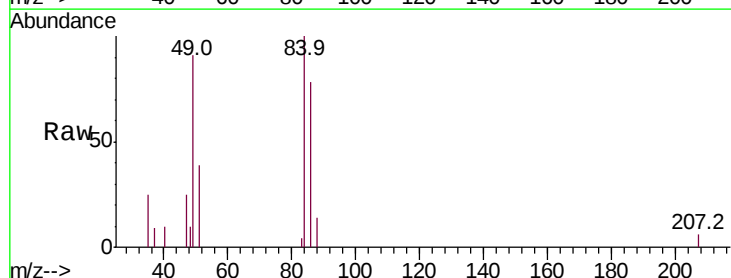
Ion Ratio Lower Upper

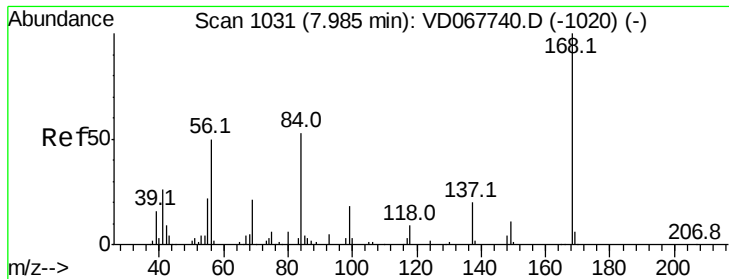
84 100

49 90.7 77.4 116.2

51 39.0 24.1 36.1#

86 77.9 48.2 72.2#

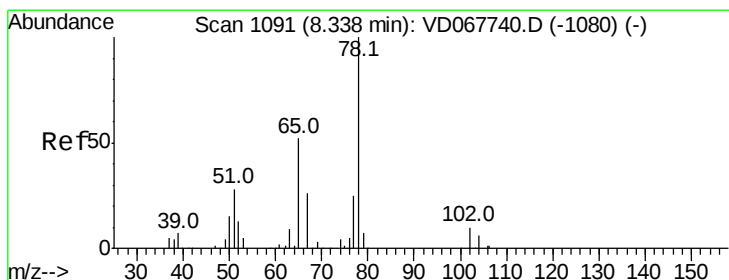
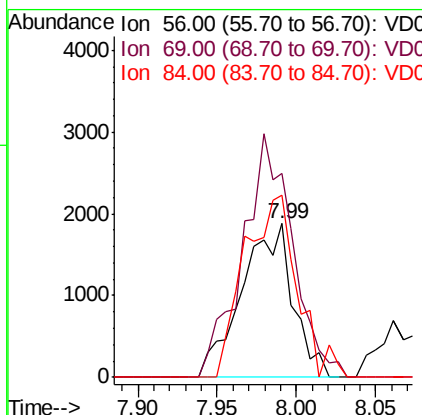
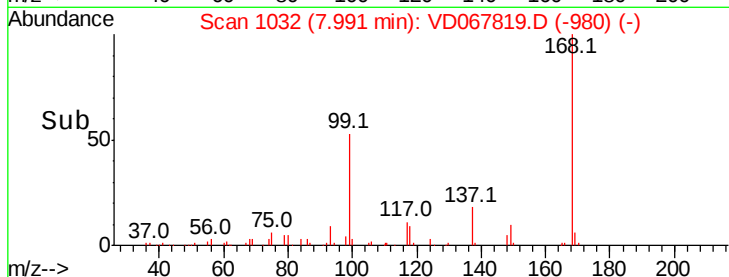
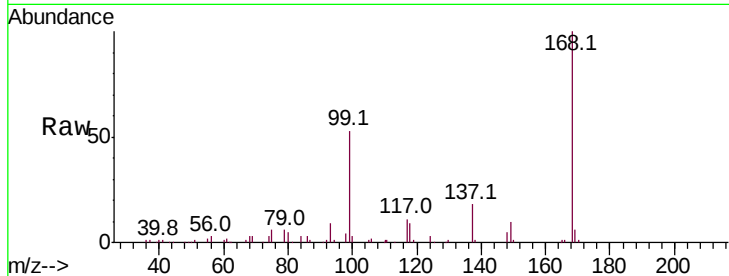




#31
Cyclohexane
Concen: 1.888 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067819.D
Acq: 30 Nov 2020 17:27

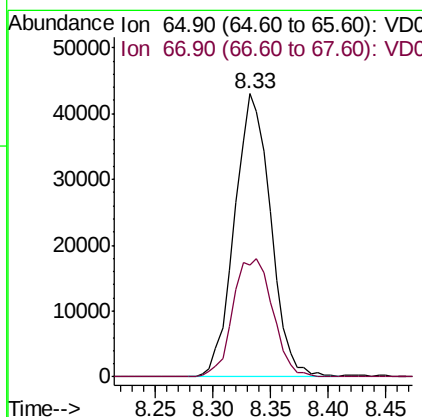
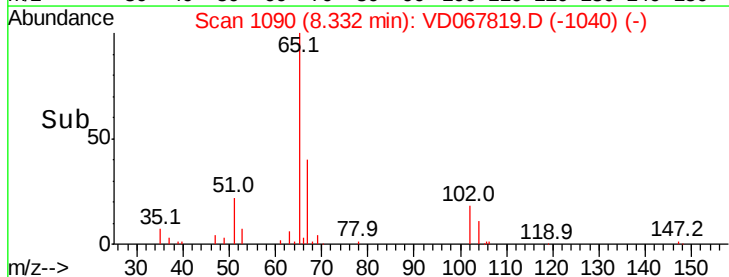
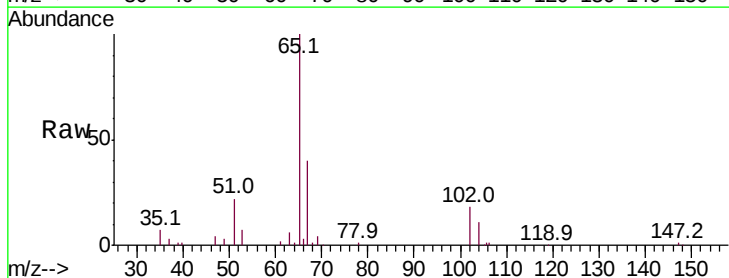
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-6-8

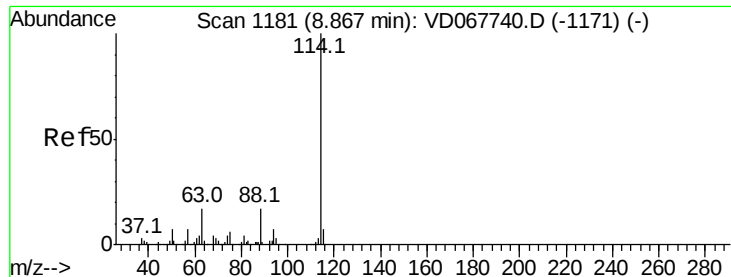
Tot Ion: 56 Resp: 4231
Ion Ratio Lower Upper
56 100
69 132.6 33.2 49.8#
84 118.9 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 50.531 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067819.D
Acq: 30 Nov 2020 17:27

Tgt Ion: 65 Resp: 93593
Ion Ratio Lower Upper
65 100
67 45.7 0.0 101.0

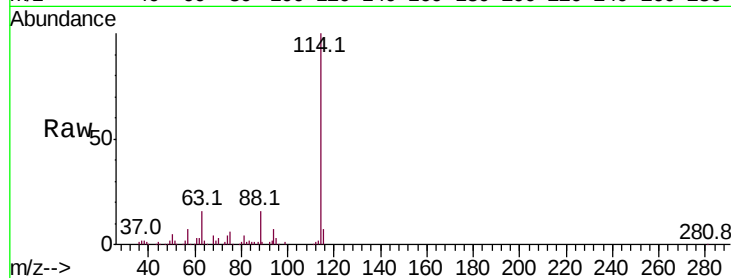




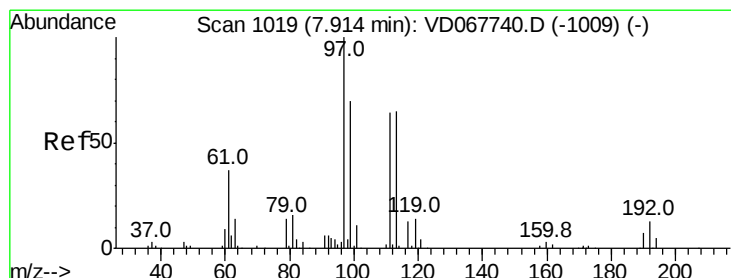
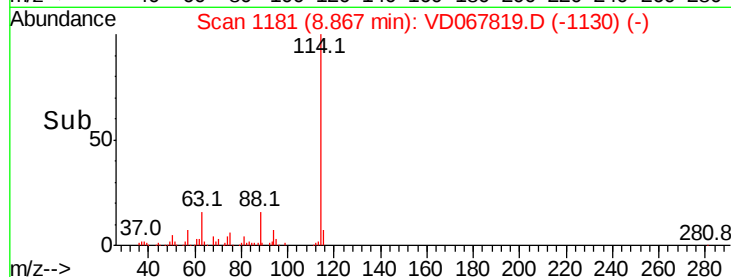
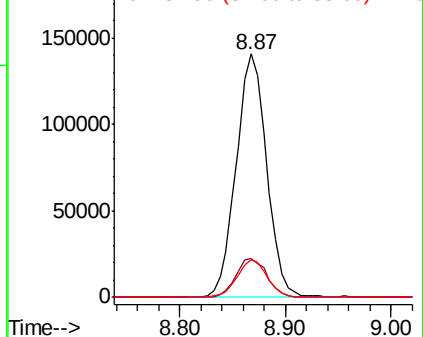
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067819.D
 Acq: 30 Nov 2020 17:27

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-6-8

Tot Ion:114 Resp: 282435
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 34.8
 88 15.6 0.0 34.4

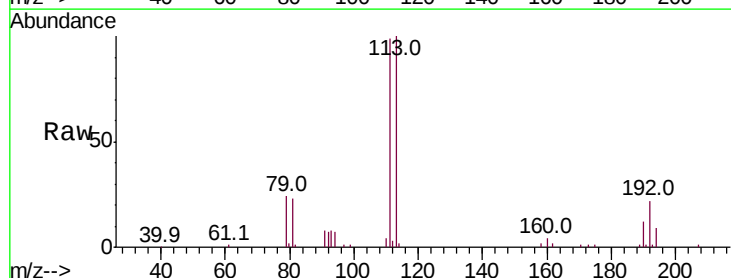


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

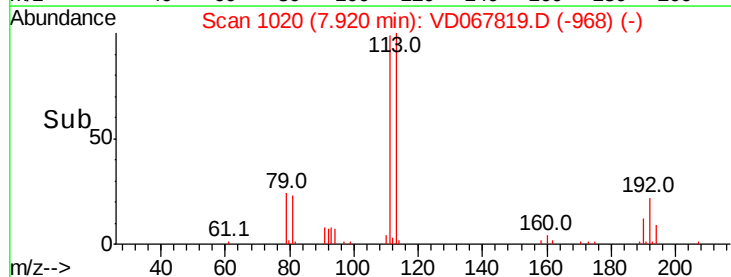
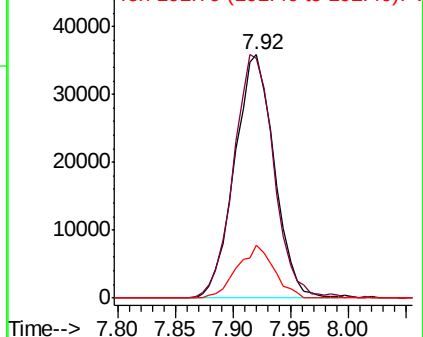


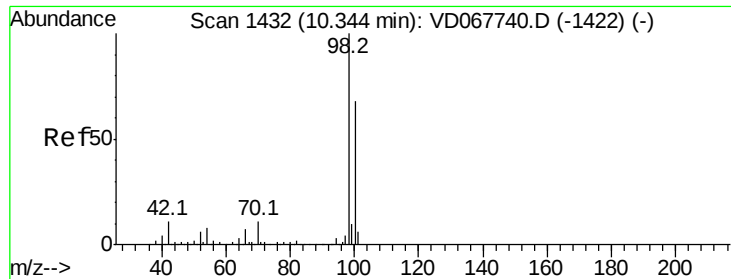
#35
 Dibromofluoromethane
 Concen: 47.647 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067819.D
 Acq: 30 Nov 2020 17:27

Tgt Ion:113 Resp: 85642
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 19.9 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.870 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067819.D

Acq: 30 Nov 2020 17:27

Instrument :

MSVOA_D

ClientSampleId :

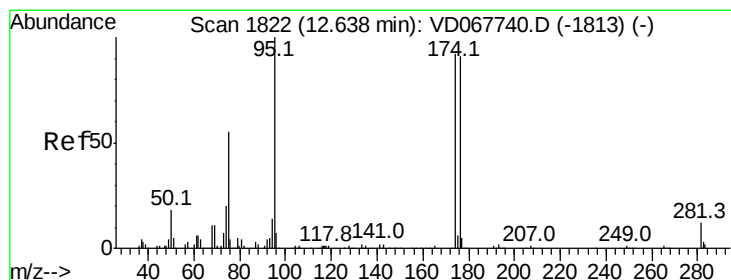
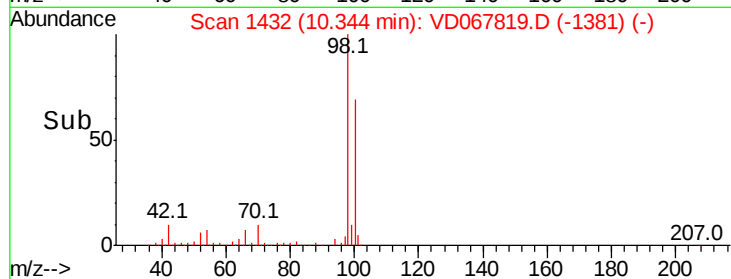
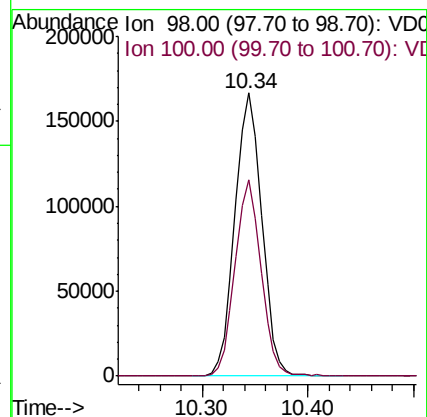
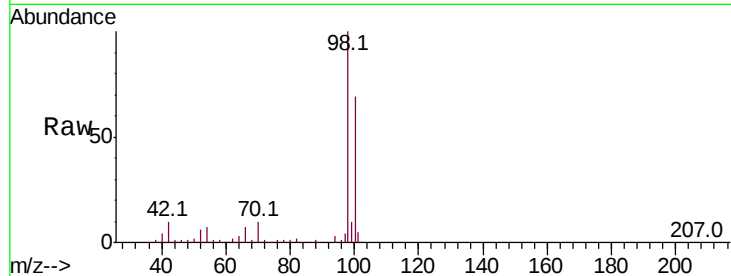
KENS-B4-112320-6-8

Tot Ion: 98 Resp: 294862

Ion Ratio Lower Upper

98 100

100 66.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 43.962 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067819.D

Acq: 30 Nov 2020 17:27

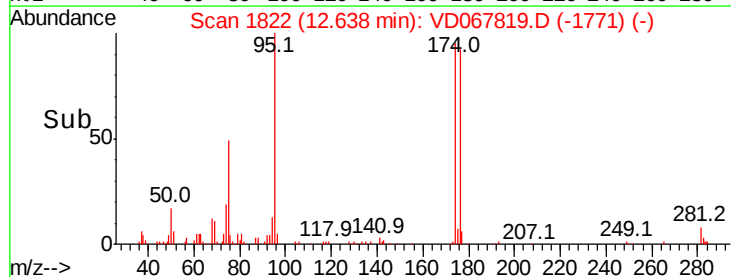
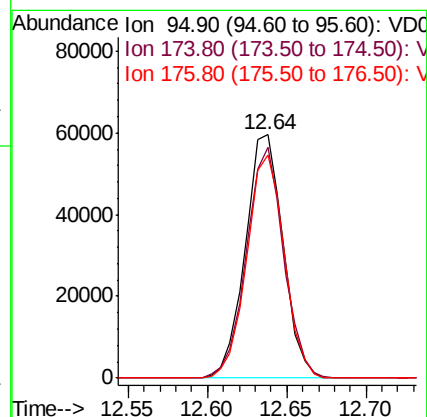
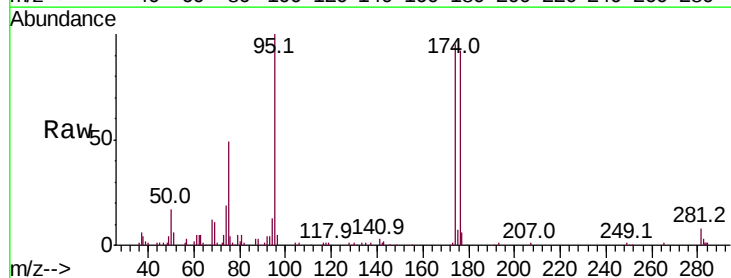
Tgt Ion: 95 Resp: 98746

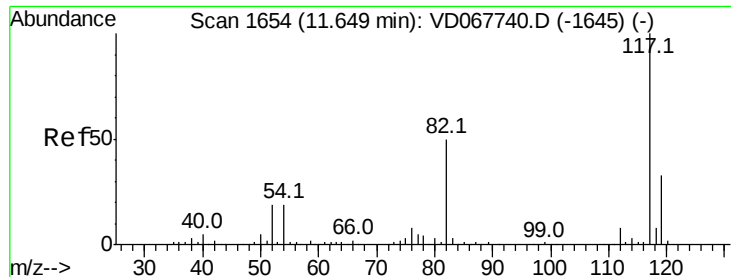
Ion Ratio Lower Upper

95 100

174 93.5 0.0 182.4

176 90.7 0.0 178.2

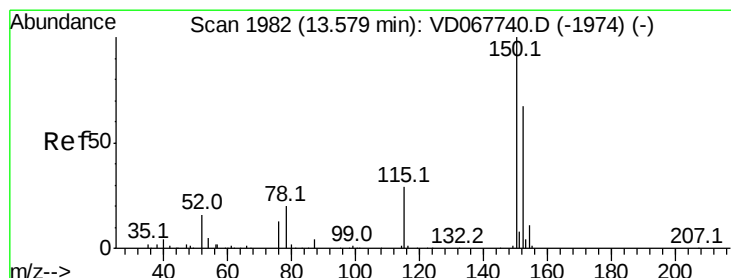
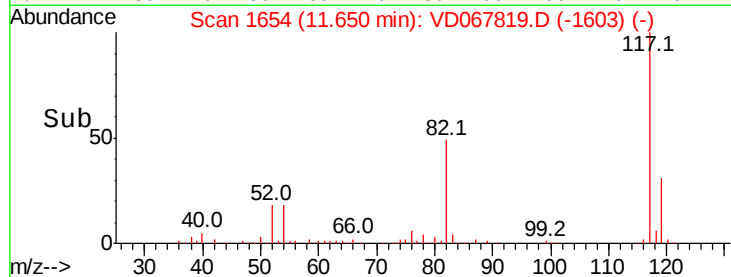
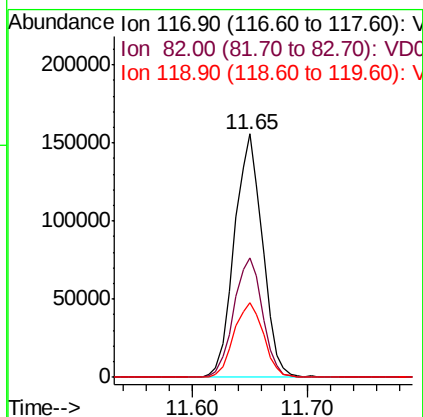
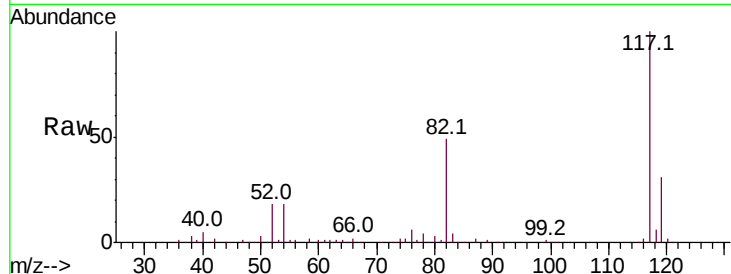




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067819.D
Acq: 30 Nov 2020 17:27

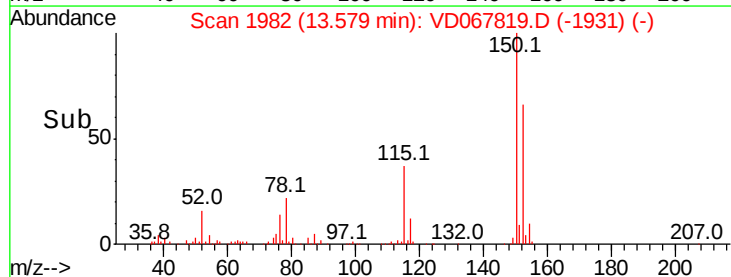
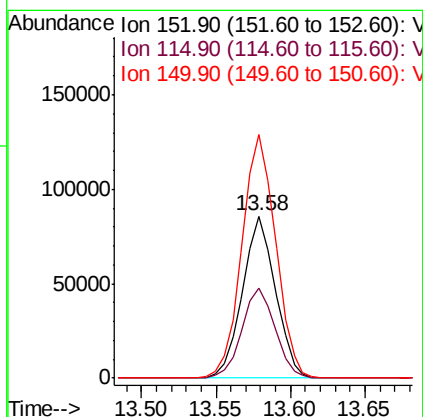
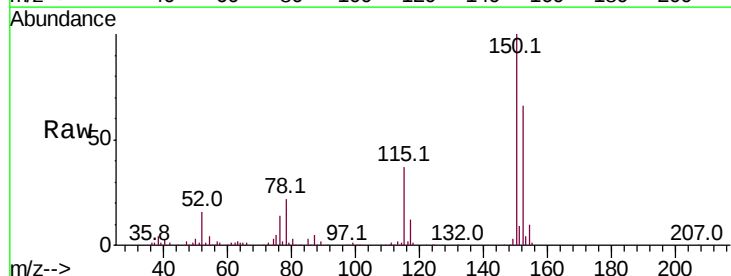
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KENS-B4-112320-6-8

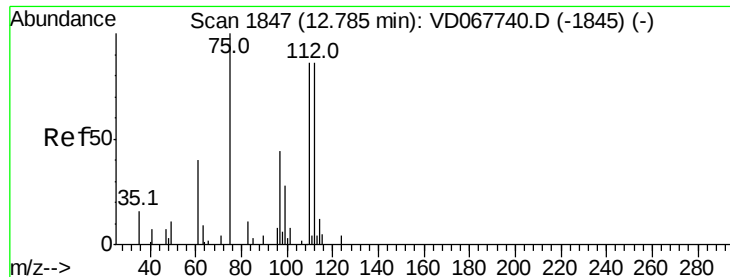
Tot Ion:117 Resp: 262365
Ion Ratio Lower Upper
117 100
82 48.9 40.2 60.4
119 30.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067819.D
Acq: 30 Nov 2020 17:27

Tgt Ion:152 Resp: 130918
Ion Ratio Lower Upper
152 100
115 56.0 29.4 88.3
150 153.9 0.0 340.6





#76

1,2,3-Trichloropropane

Concen: 56.693 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD067819.D

Acq: 30 Nov 2020 17:27

Instrument :

MSVOA_D

ClientSampleId :

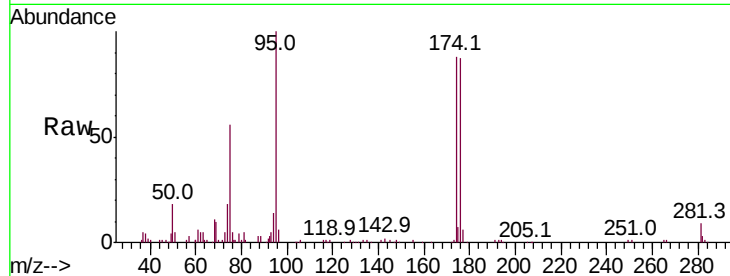
KENS-B4-112320-6-8

Tot Ion: 75 Resp: 51729

Ion Ratio Lower Upper

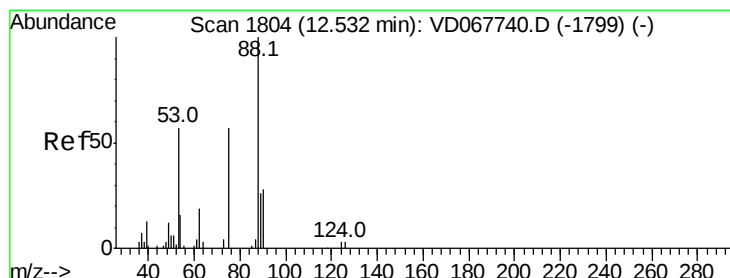
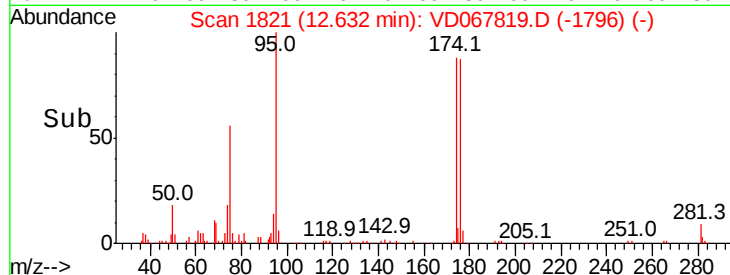
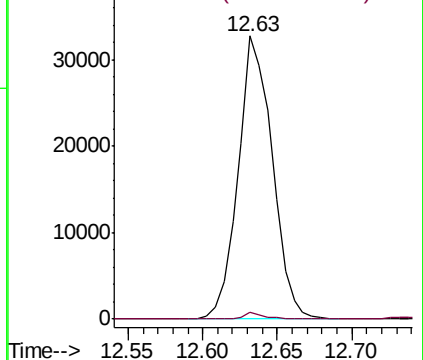
75 100

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: 132.601 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD067819.D

Acq: 30 Nov 2020 17:27

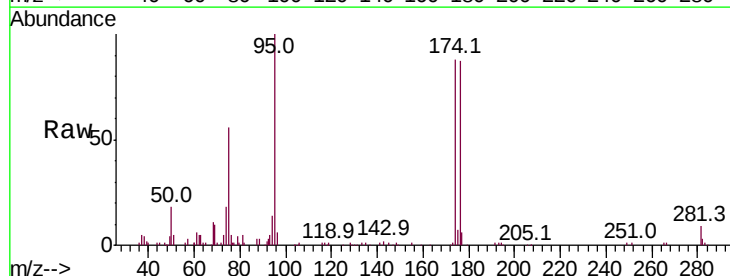
Tgt Ion: 75 Resp: 51729

Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

89 0.1 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

