

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067790.D
 Acq On : 25 Nov 2020 16:37
 Operator : VA/SY
 Sample : L4868-01
 Misc : 4.42G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B3-112020-0-2

Quant Time: Nov 26 00:25:34 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	392385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	598548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	616492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	336042	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	180145	47.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.44%
35) Dibromofluoromethane	7.92	113	178082	46.75	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.50%
50) Toluene-d8	10.34	98	692585	49.73	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.46%
62) 4-Bromofluorobenzene	12.64	95	278572	58.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.04%

Target Compounds

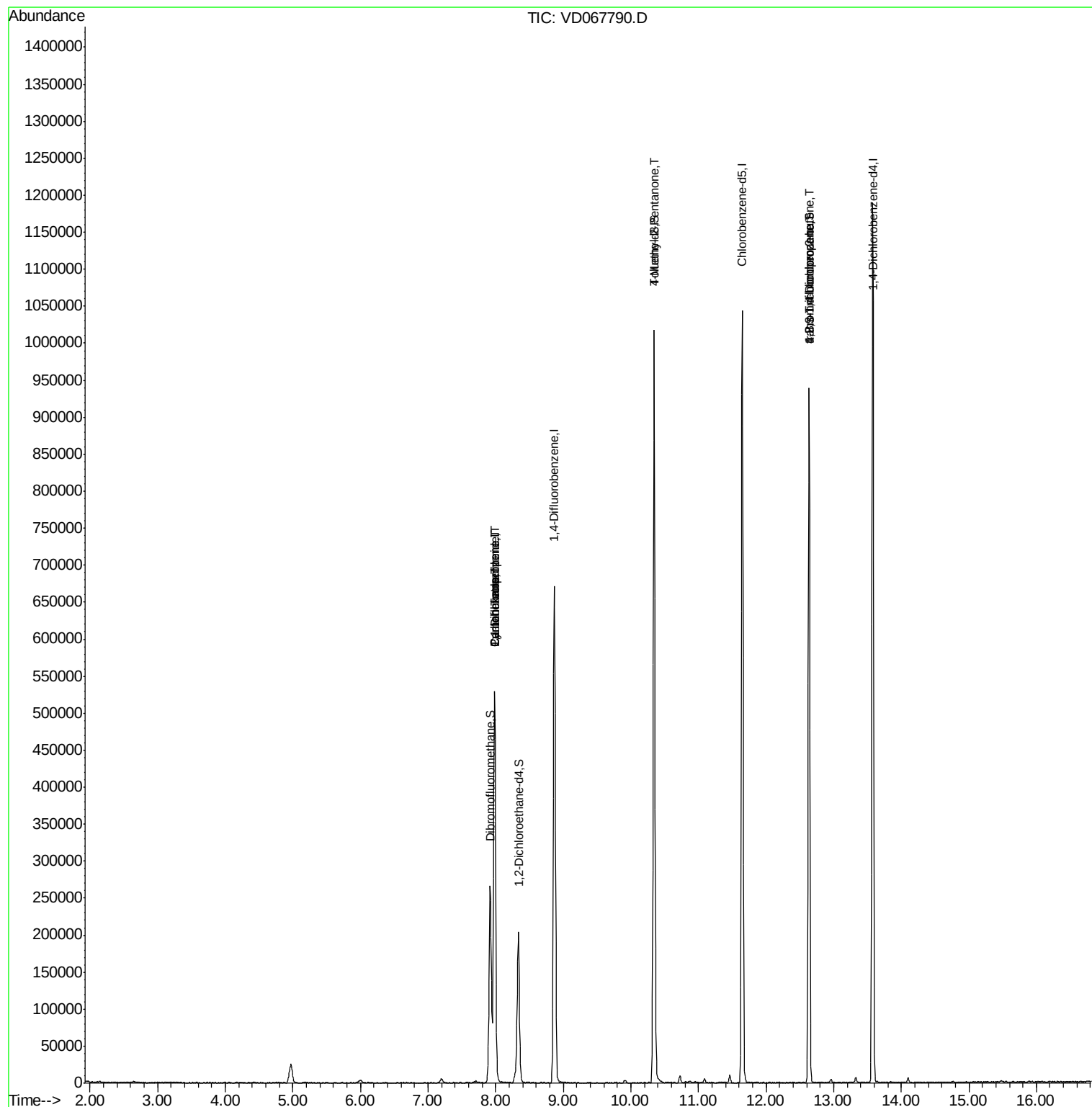
					Qvalue
11) Tert butyl alcohol	5.21	59	178	Below Cal	# 87
20) Methylene Chloride	4.97	84	22062	Below Cal	# 89
31) Cyclohexane	7.98	56	8111	1.757	ug/l # 46
36) 1,1-Dichloropropene	7.98	75	25944	5.051	ug/l # 50
38) Carbon Tetrachloride	7.98	117	41622	5.590	ug/l # 16
51) 4-Methyl-2-Pentanone	10.35	43	2135	1.645	ug/l # 1
76) 1,2,3-Trichloropropane	12.64	75	153570	65.571	ug/l # 100
81) trans-1,4-Dichloro-2-buten	12.64	75	153570	153.365	ug/l # 11

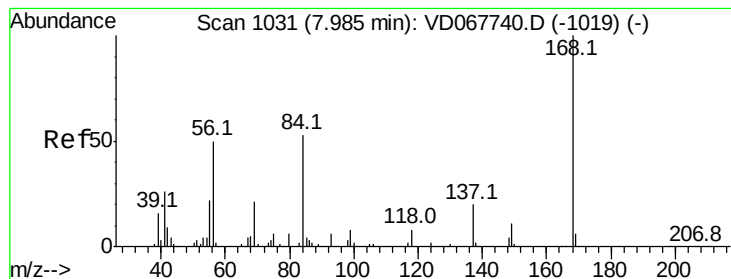
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112520\
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KENS-B3-112020-0-2

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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# 1031

Delta R.T. -0.00 min

Lab File: VD067790.D

Acq: 25 Nov 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

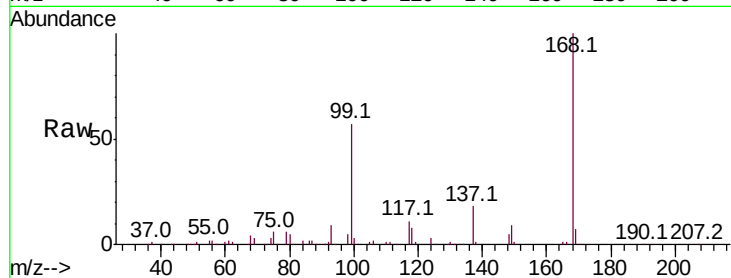
KENS-B3-112020-0-2

Tot Ion:168 Resp: 392385

Ion Ratio Lower Upper

168 100

99 56.7 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

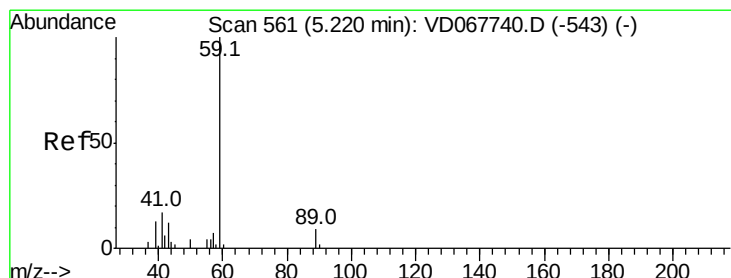
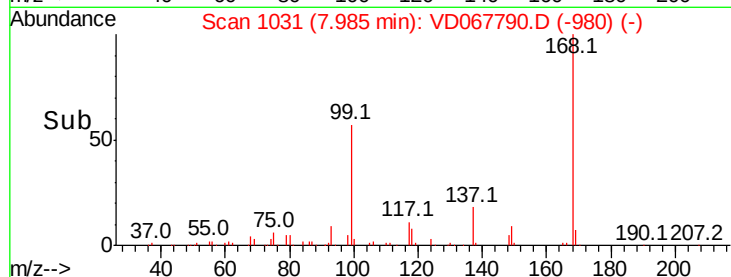
100000

50000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD067790.D

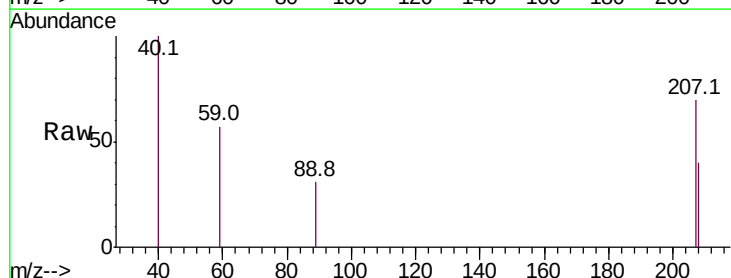
Acq: 25 Nov 2020 16:37

Tgt Ion: 59 Resp: 178

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

5.21

300

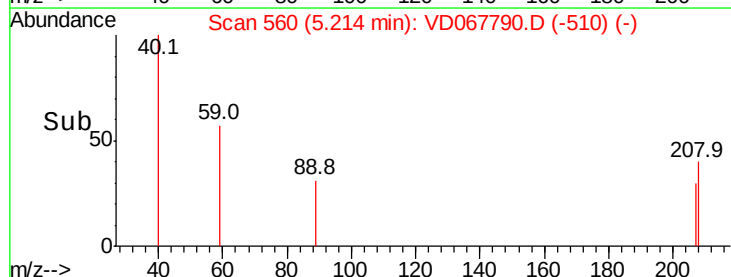
200

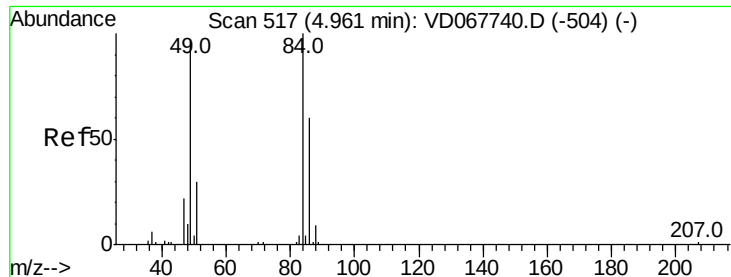
100

0

5.20 5.21 5.22 5.23

Time-->

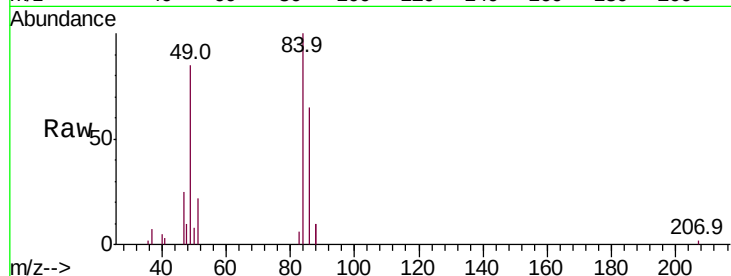




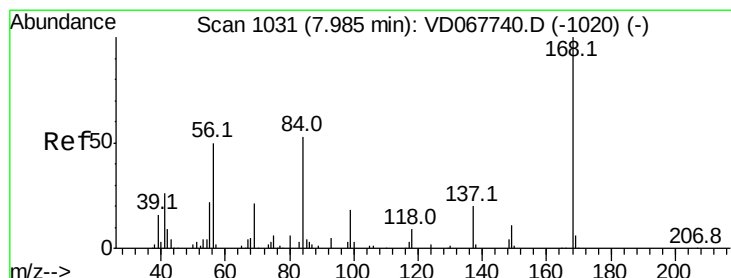
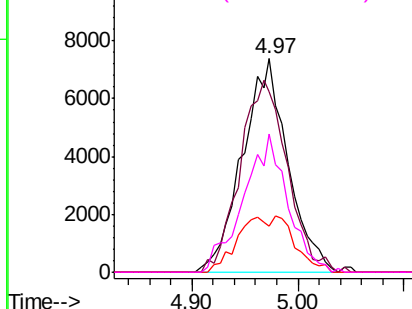
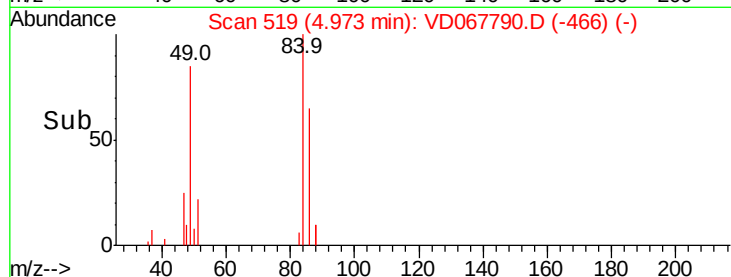
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067790.D
Acq: 25 Nov 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
KENS-B3-112020-0-2

Tot Ion: 84 Resp: 22062
Ion Ratio Lower Upper
84 100
49 84.6 77.4 116.2
51 21.7 24.1 36.1#
86 64.8 48.2 72.2

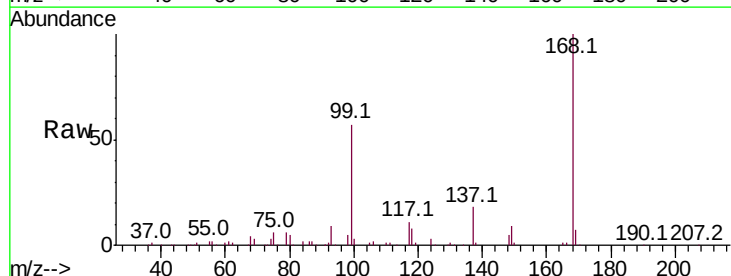


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

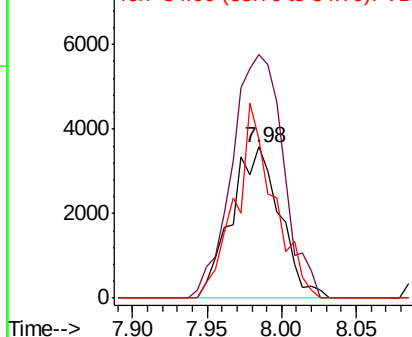
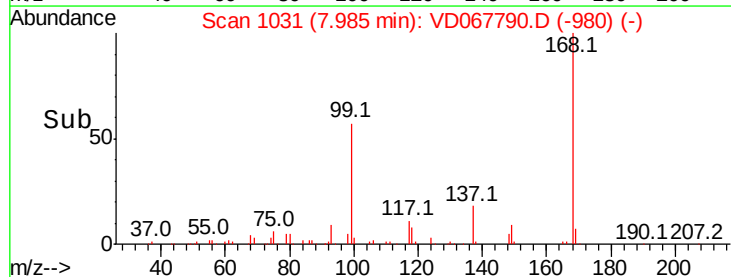


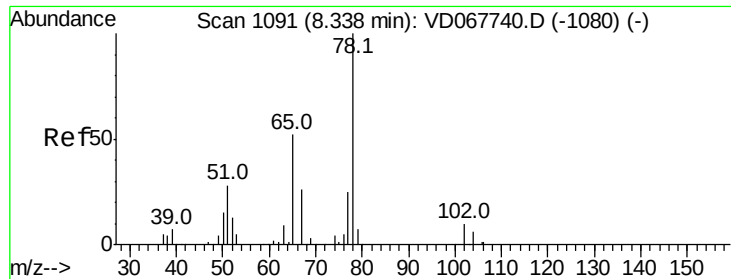
#31
Cyclohexane
Concen: 1.757 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067790.D
Acq: 25 Nov 2020 16:37

Tgt Ion: 56 Resp: 8111
Ion Ratio Lower Upper
56 100
69 161.4 33.2 49.8#
84 105.2 84.8 127.2



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

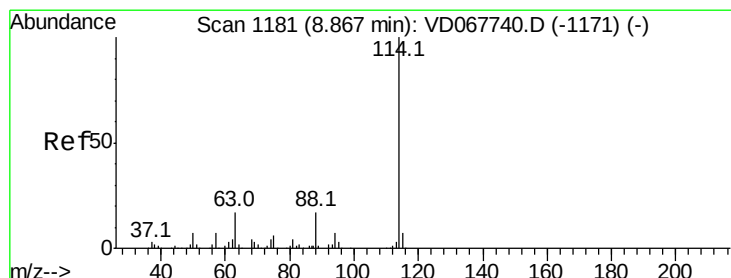
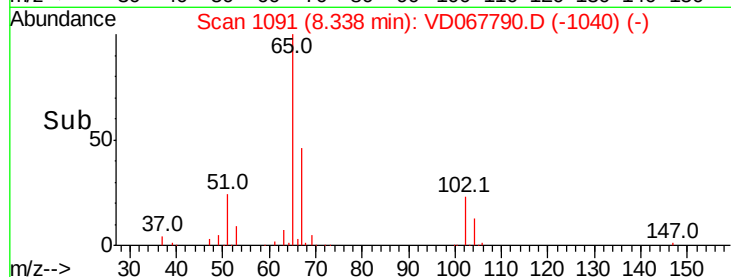
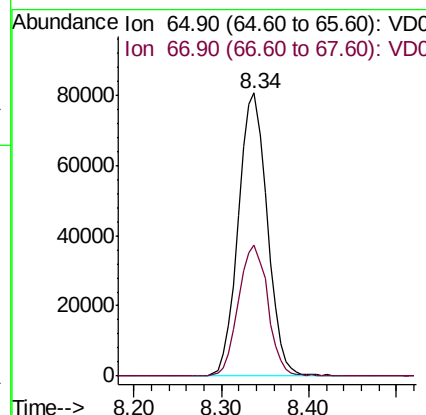
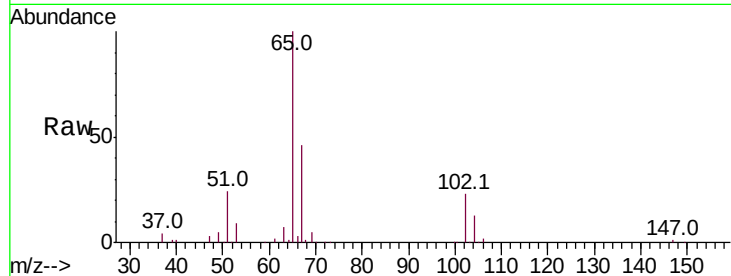




#33
 1,2-Dichloroethane-d4
 Concen: 47.218 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067790.D
 Acq: 25 Nov 2020 16:37

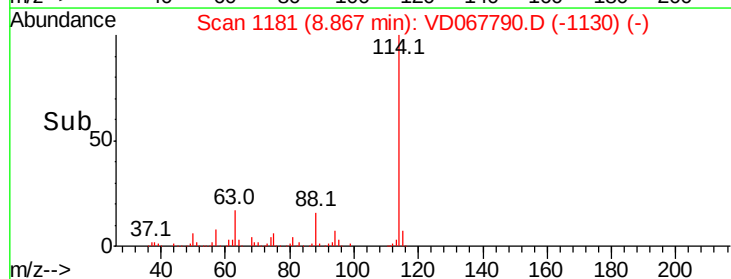
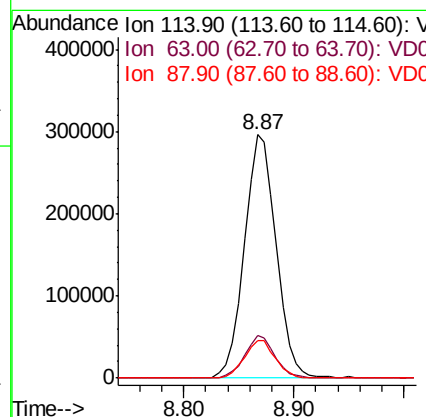
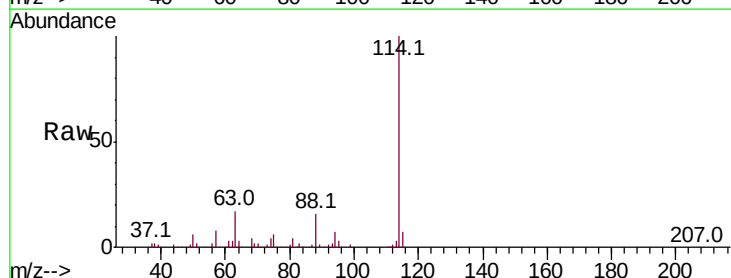
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B3-112020-0-2

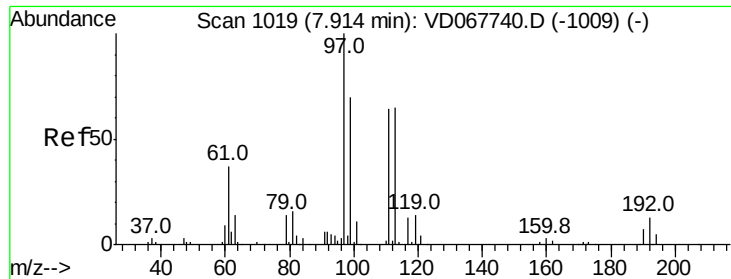
Tot Ion: 65 Resp: 180145
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067790.D
 Acq: 25 Nov 2020 16:37

Tgt Ion: 114 Resp: 598548
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.8
 88 15.7 0.0 34.4

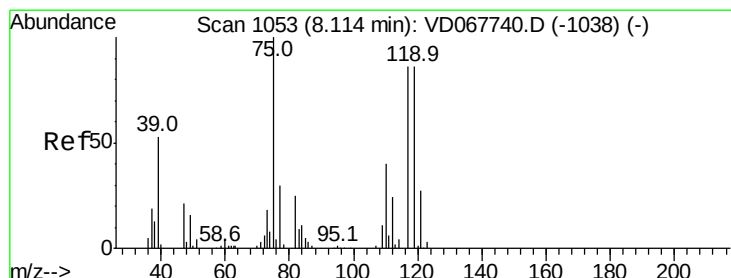
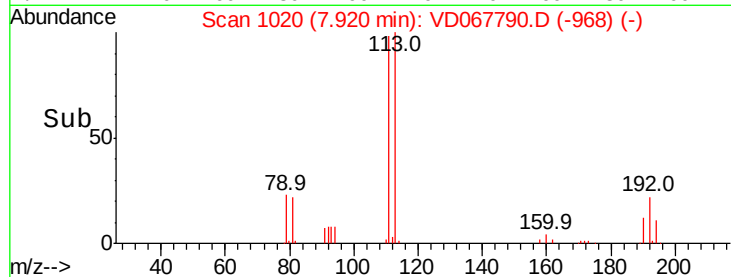
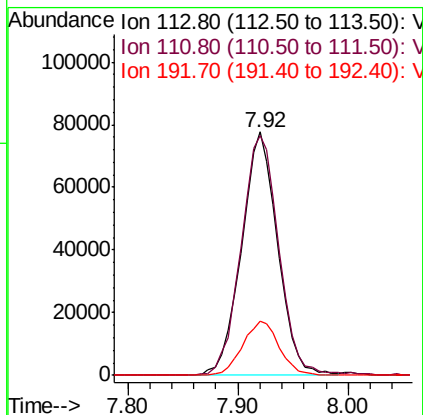
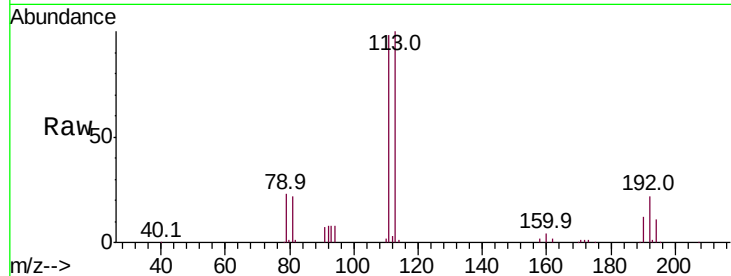




#35
 Dibromofluoromethane
 Concen: 46.751 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067790.D
 Acq: 25 Nov 2020 16:37

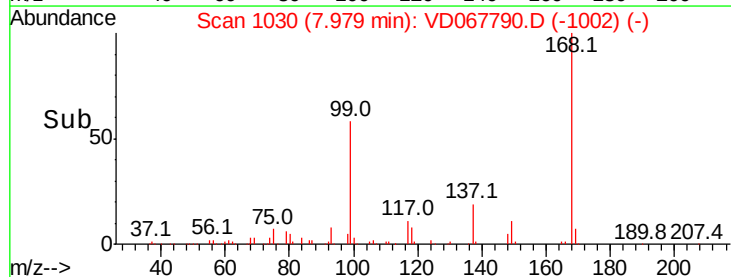
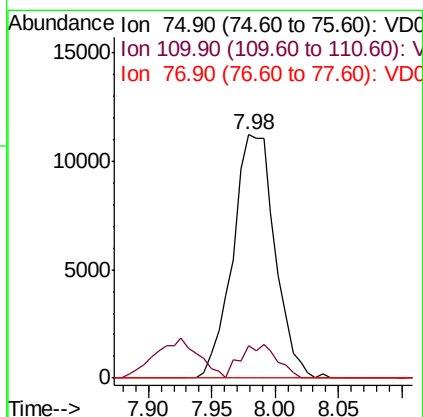
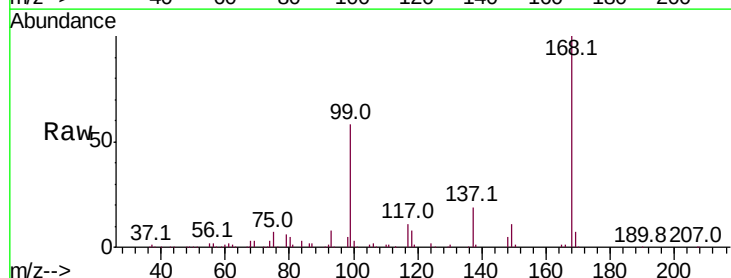
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B3-112020-0-2

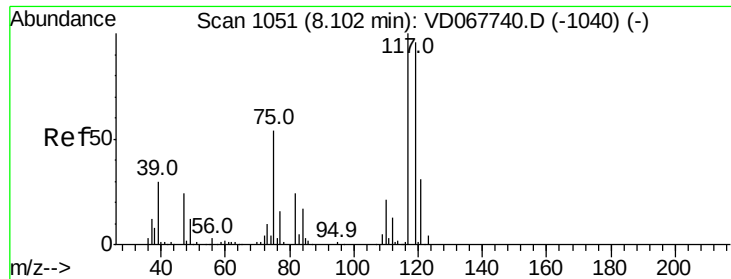
Tot Ion:113 Resp: 178082
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.4 122.0
 192 22.4 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 5.051 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067790.D
 Acq: 25 Nov 2020 16:37

Tgt Ion: 75 Resp: 25944
 Ion Ratio Lower Upper
 75 100
 110 12.0 20.1 60.2#
 77 0.0 24.8 37.2#

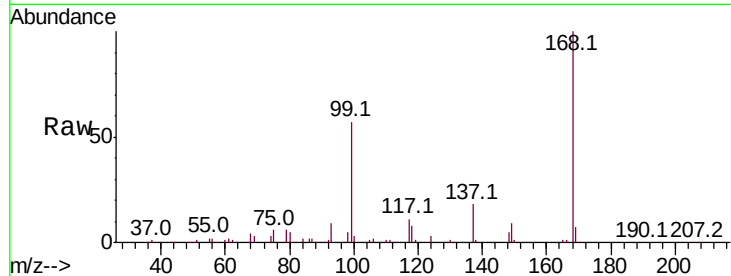




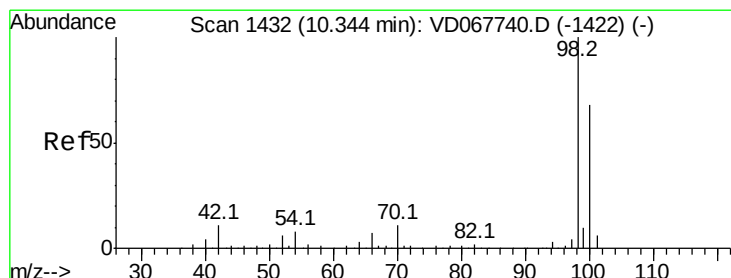
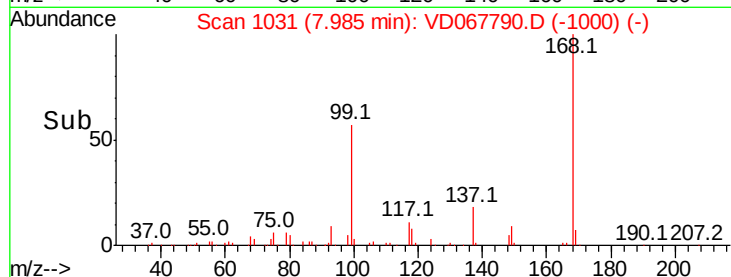
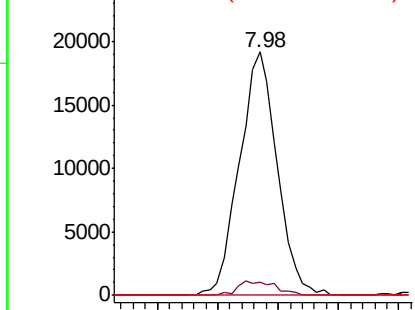
#38
Carbon Tetrachloride
Concen: 5.590 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD067790.D
Acq: 25 Nov 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
KENS-B3-112020-0-2

Tot Ion:117 Resp: 41622
Ion Ratio Lower Upper
117 100
119 5.6 76.6 115.0#
121 0.0 24.5 36.7#

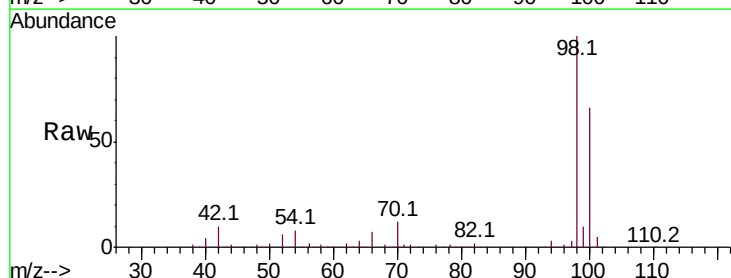


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

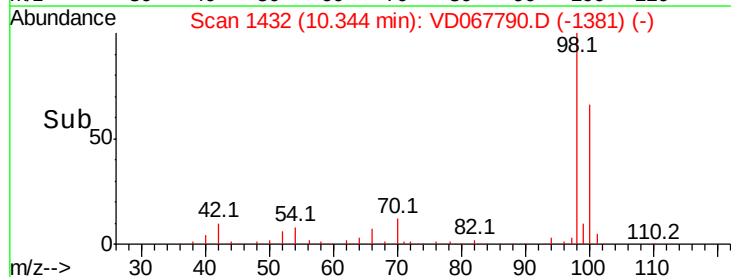
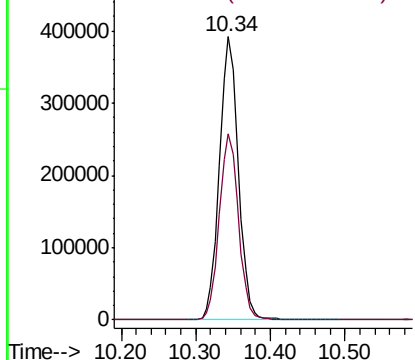


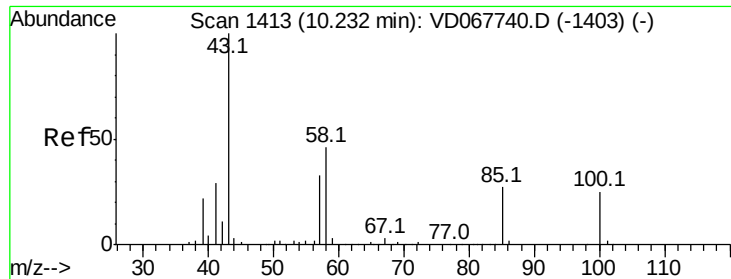
#50
Toluene-d8
Concen: 49.731 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067790.D
Acq: 25 Nov 2020 16:37

Tgt Ion: 98 Resp: 692585
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



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





#51

4-Methyl-2-Pentanone

Concen: 1.645 ug/l

RT: 10.35 min Scan# 1433

Delta R.T. 0.12 min

Lab File: VD067790.D

Acq: 25 Nov 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

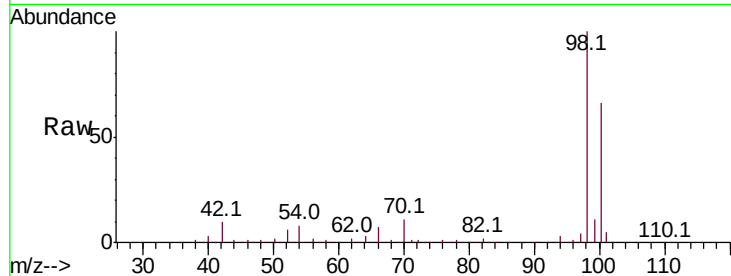
KENS-B3-112020-0-2

Tot Ion: 43 Resp: 2135

Ion Ratio Lower Upper

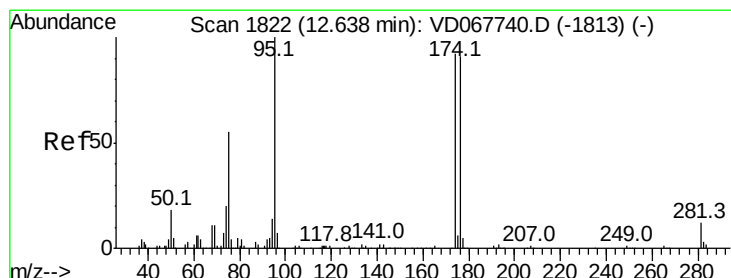
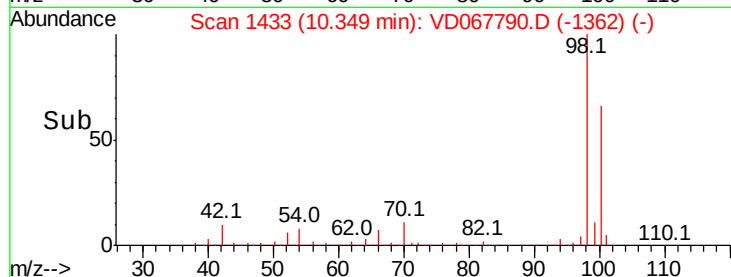
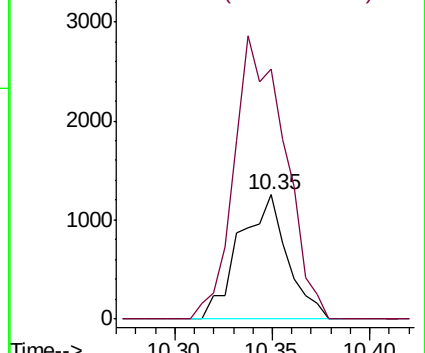
43 100

58 240.2 34.7 52.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 58.522 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067790.D

Acq: 25 Nov 2020 16:37

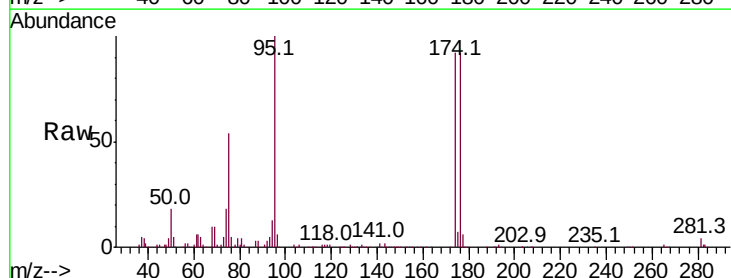
Tgt Ion: 95 Resp: 278572

Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.4

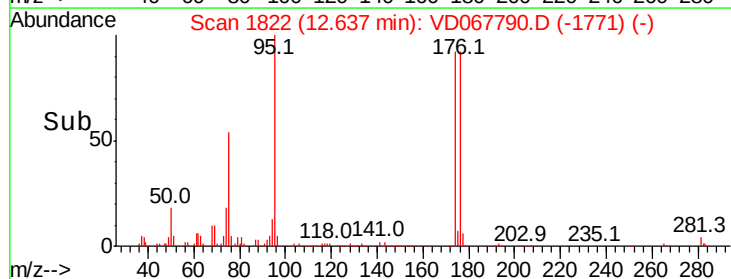
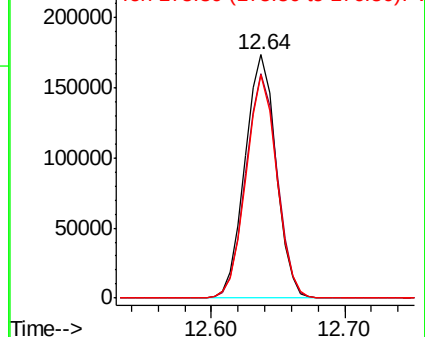
176 90.5 0.0 178.2

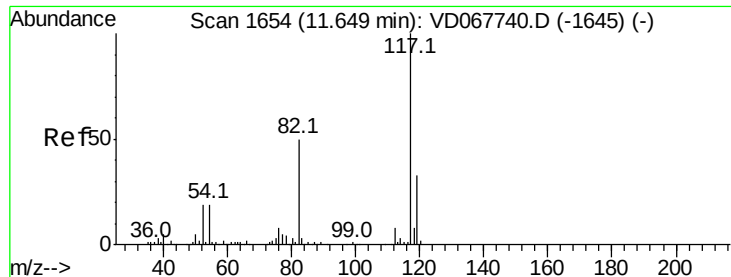


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

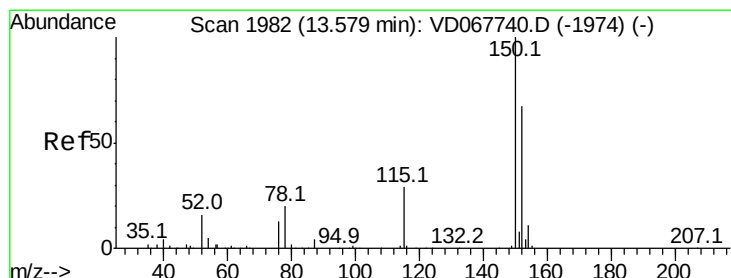
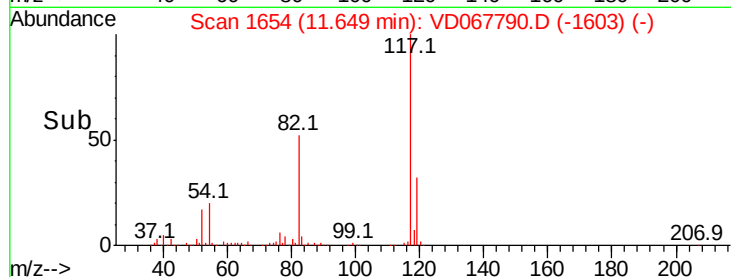
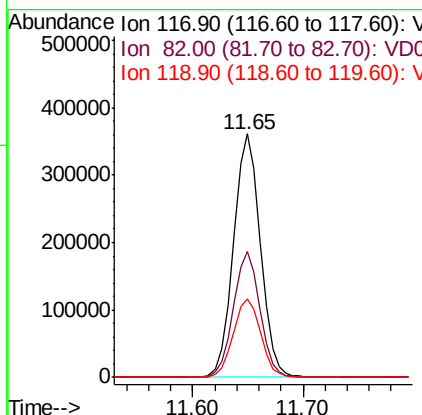
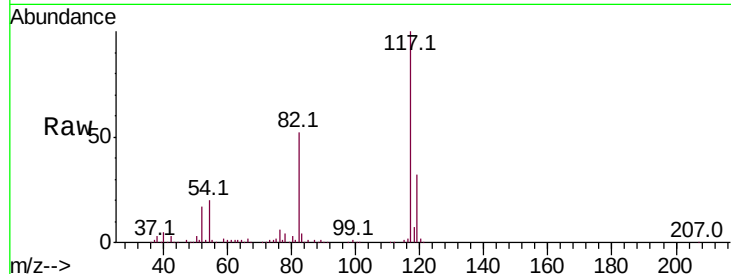




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067790.D
Acq: 25 Nov 2020 16:37

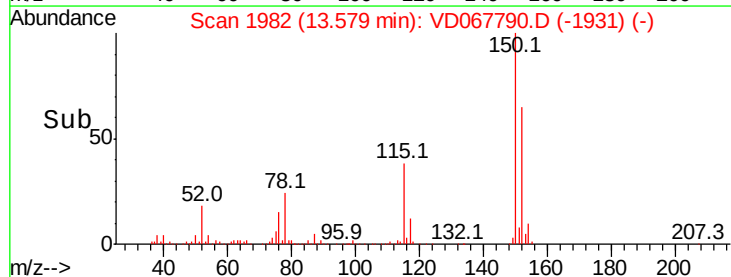
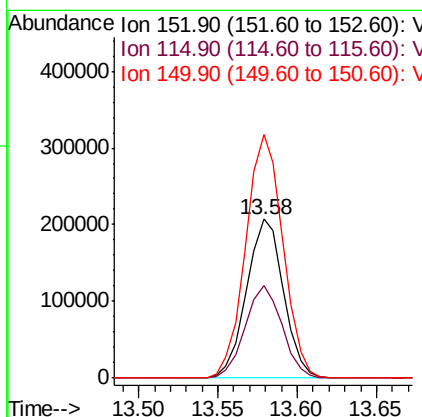
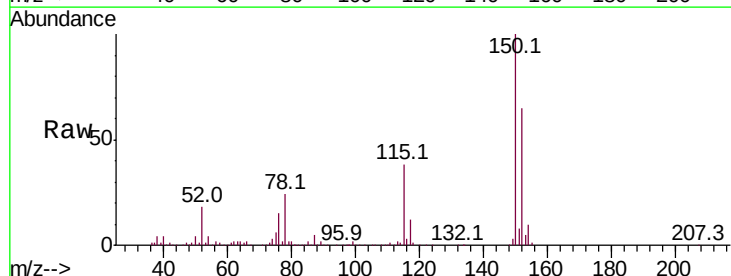
Instrument :
MSVOA_D
ClientSampleId :
KENS-B3-112020-0-2

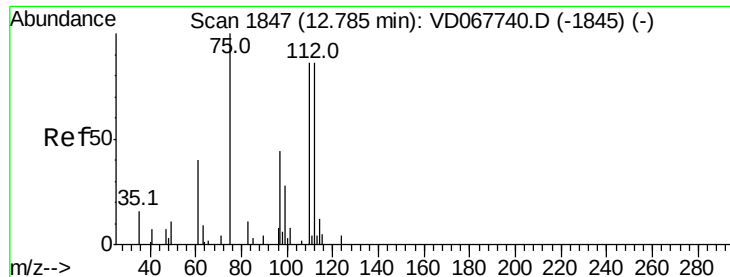
Tot Ion:117 Resp: 616492
Ion Ratio Lower Upper
117 100
82 51.8 40.2 60.4
119 32.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067790.D
Acq: 25 Nov 2020 16:37

Tgt Ion:152 Resp: 336042
Ion Ratio Lower Upper
152 100
115 58.3 29.4 88.3
150 154.3 0.0 340.6





#76

1,2,3-Trichloropropane

Concen: 65.571 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067790.D

Acq: 25 Nov 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

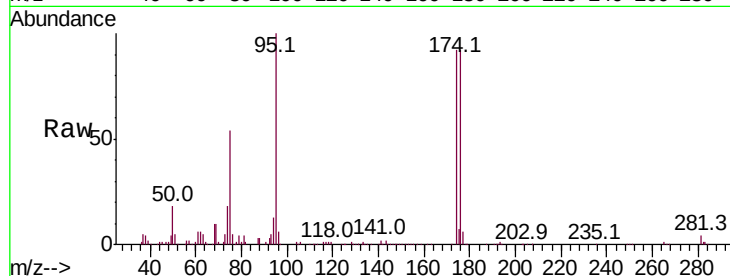
KENS-B3-112020-0-2

Tot Ion: 75 Resp: 153570

Ion Ratio Lower Upper

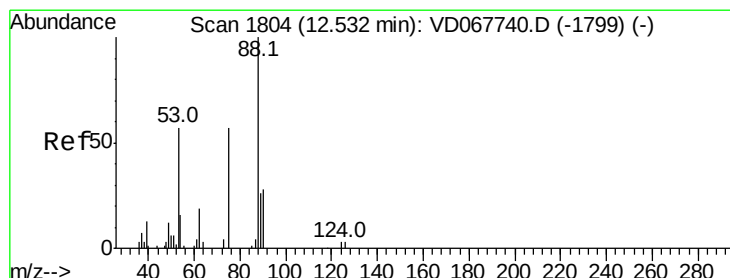
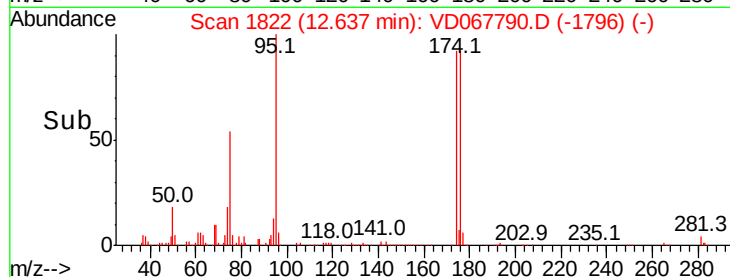
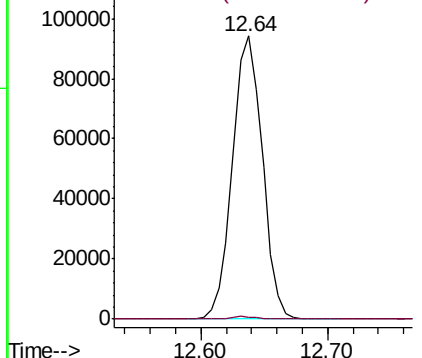
75 100

77 0.7 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: 153.365 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067790.D

Acq: 25 Nov 2020 16:37

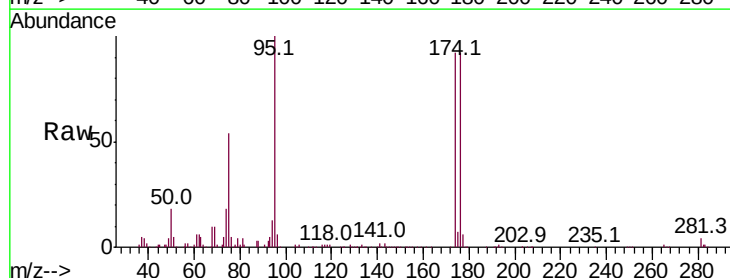
Tgt Ion: 75 Resp: 153570

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

