

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067791.D
 Acq On : 25 Nov 2020 17:05
 Operator : VA/SY
 Sample : L4868-03
 Misc : 5.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B3-112020-8-10

Quant Time: Nov 26 00:25:54 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	422523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	655600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	659155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	354517	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	202204	49.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.44%
35) Dibromofluoromethane	7.92	113	198873	47.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.34%
50) Toluene-d8	10.34	98	754958	49.49	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.98%
62) 4-Bromofluorobenzene	12.64	95	298350	57.22	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.44%

Target Compounds

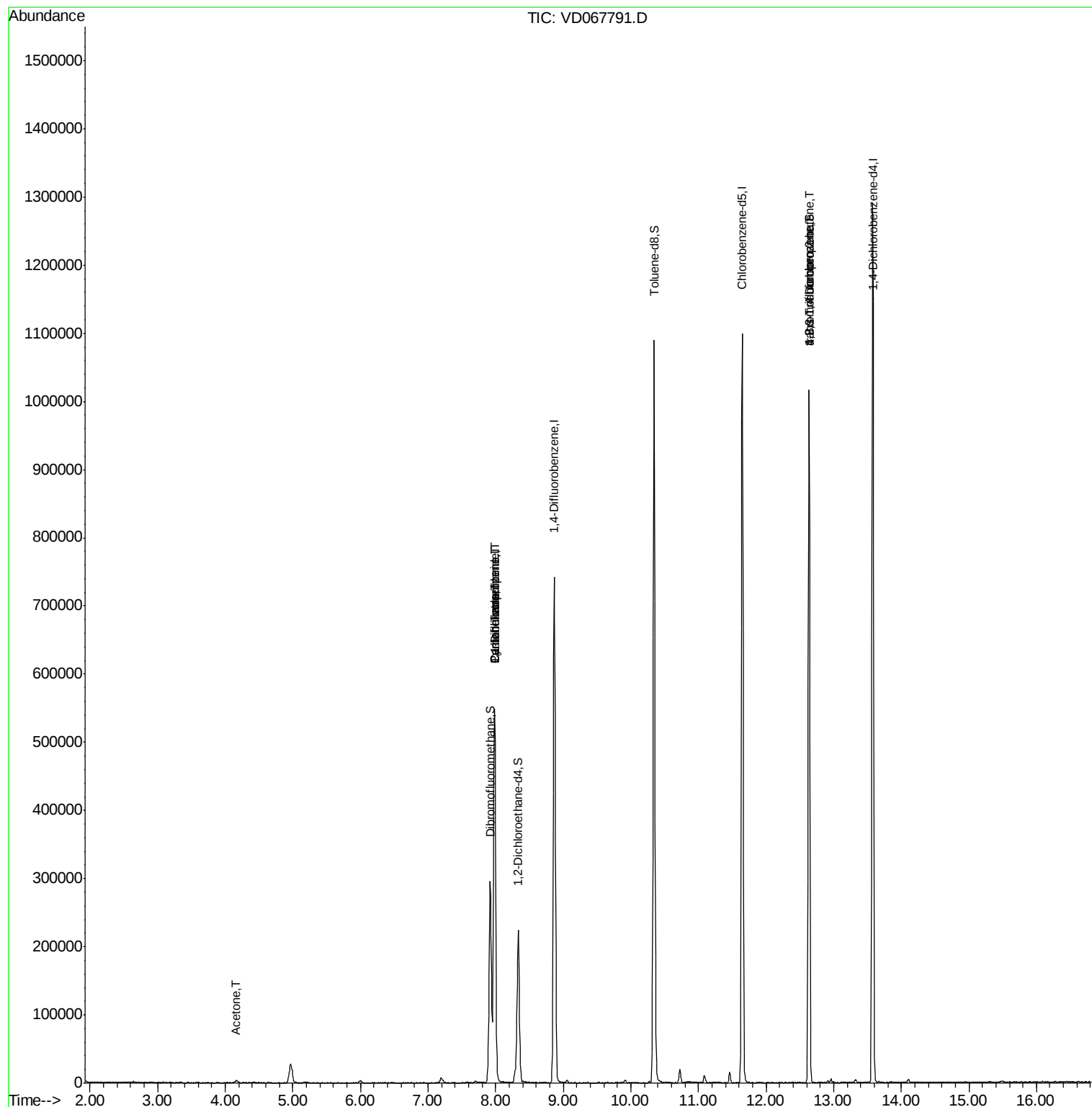
					Qvalue	
11) Tert butyl alcohol	5.24	59	215	Below Cal	#	87
16) Acetone	4.16	43	6783	12.780	ug/l	97
20) Methylene Chloride	4.96	84	24665	Below Cal		96
31) Cyclohexane	7.98	56	8660	1.742	ug/l #	42
36) 1,1-Dichloropropene	7.98	75	29329	5.213	ug/l #	50
38) Carbon Tetrachloride	7.98	117	43536	5.339	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	163107	66.014	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	163107	154.400	ug/l #	11

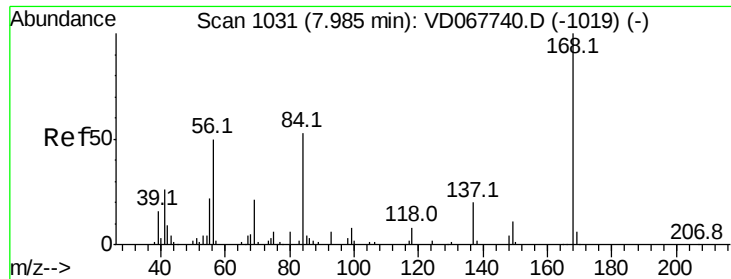
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112520\
Data File : VD067791.D
Acq On : 25 Nov 2020 17:05
Operator : VA/SY
Sample : L4868-03
Misc : 5.71G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
KENS-B3-112020-8-10

Quant Time: Nov 26 00:25:54 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: VD067791.D

Acq: 25 Nov 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

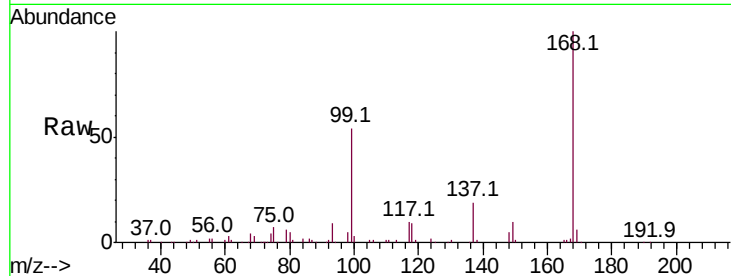
KENS-B3-112020-8-10

Tot Ion:168 Resp: 422523

Ion Ratio Lower Upper

168 100

99 54.3 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

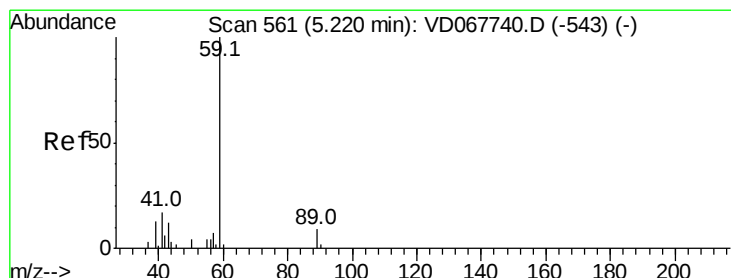
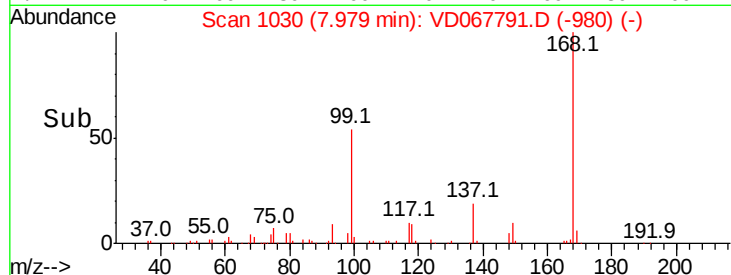
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.24 min Scan# 564

Delta R.T. 0.02 min

Lab File: VD067791.D

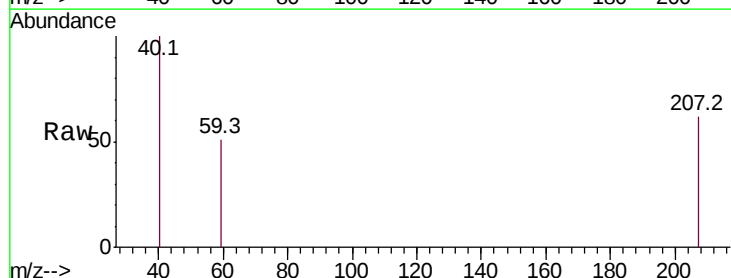
Acq: 25 Nov 2020 17:05

Tgt Ion: 59 Resp: 215

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

400

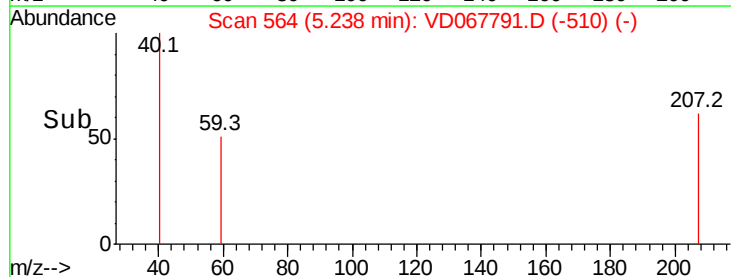
300

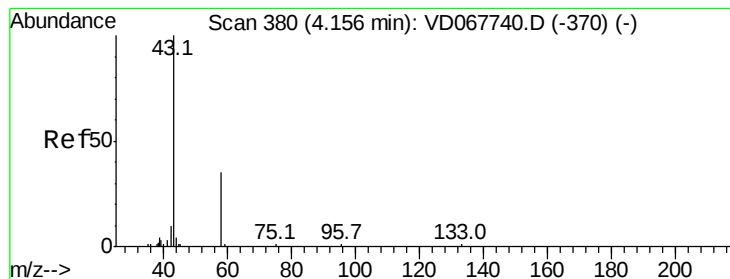
200

100

0

Time-->





#16

Acetone

Concen: 12.780 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067791.D

Acq: 25 Nov 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

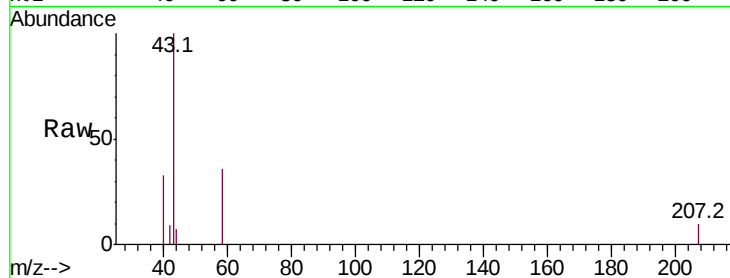
KENS-B3-112020-8-10

Tot Ion: 43 Resp: 6783

Ion Ratio Lower Upper

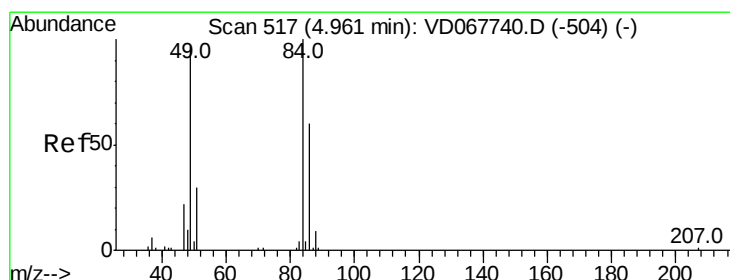
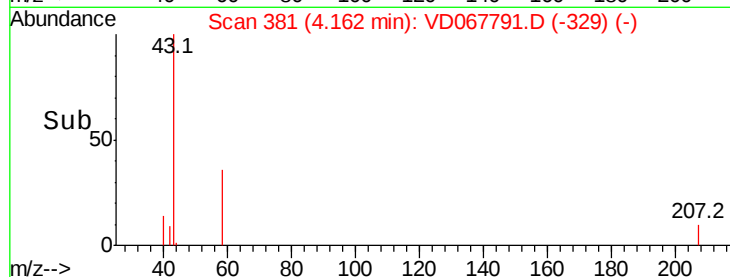
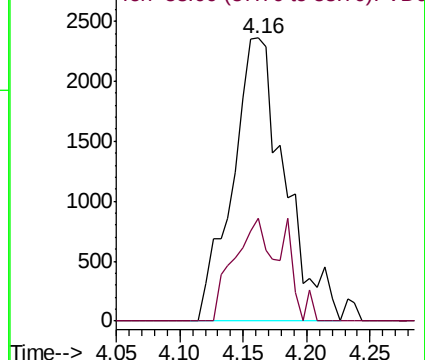
43 100

58 36.4 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067791.D

Acq: 25 Nov 2020 17:05

Tgt Ion: 84 Resp: 24665

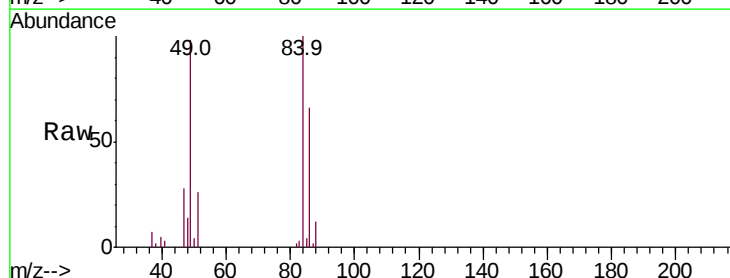
Ion Ratio Lower Upper

84 100

49 97.9 77.4 116.2

51 26.1 24.1 36.1

86 66.5 48.2 72.2

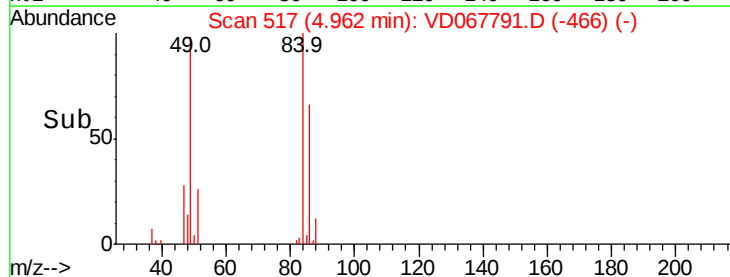
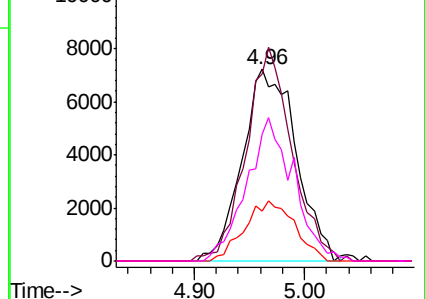


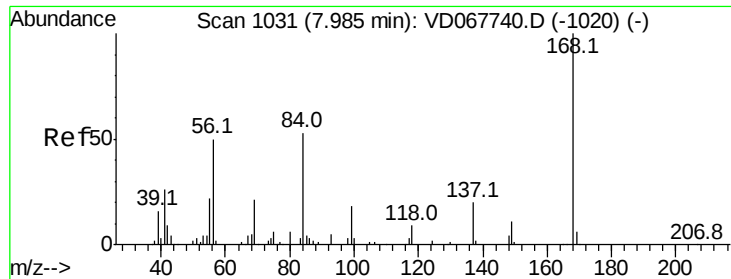
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

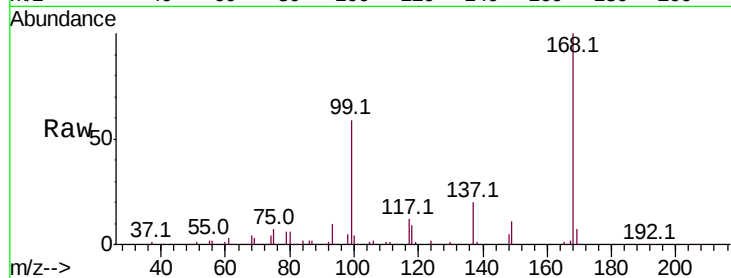




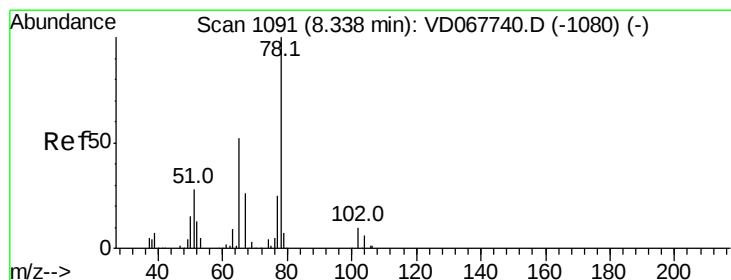
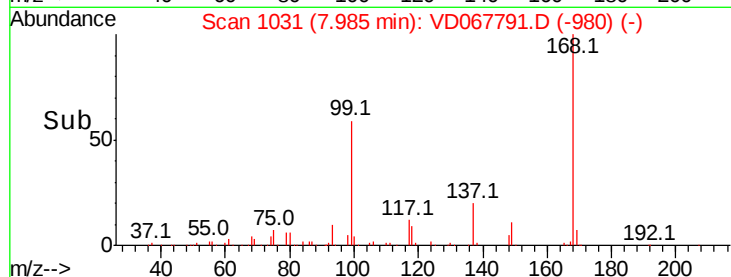
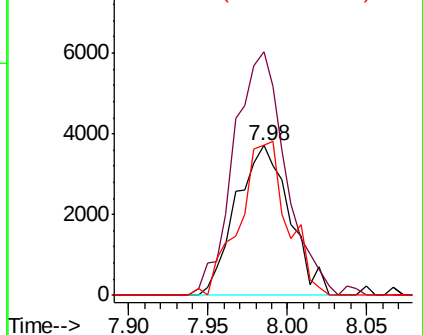
#31
Cyclohexane
Concen: 1.742 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067791.D
Acq: 25 Nov 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
KENS-B3-112020-8-10

Tot Ion: 56 Resp: 8660
Ion Ratio Lower Upper
56 100
69 162.6 33.2 49.8#
84 100.4 84.8 127.2

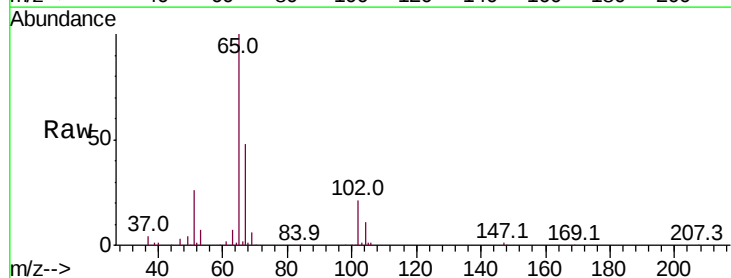


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

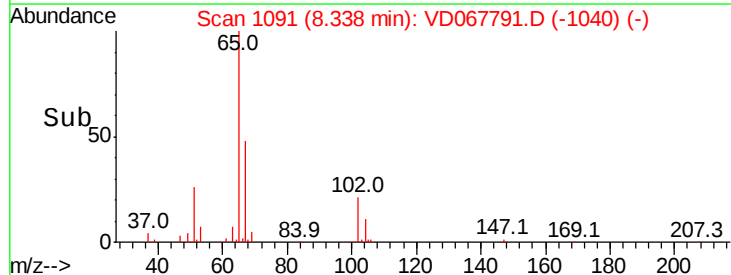
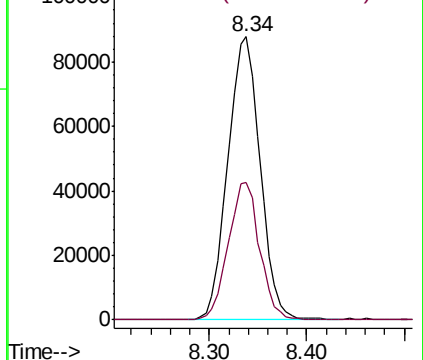


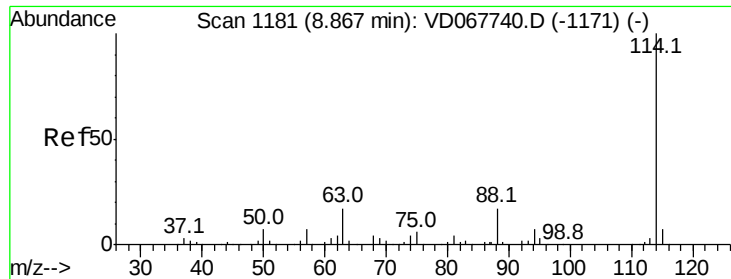
#33
1,2-Dichloroethane-d4
Concen: 49.219 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD067791.D
Acq: 25 Nov 2020 17:05

Tgt Ion: 65 Resp: 202204
Ion Ratio Lower Upper
65 100
67 47.3 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

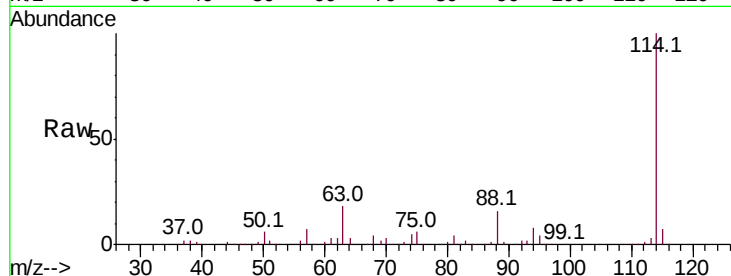




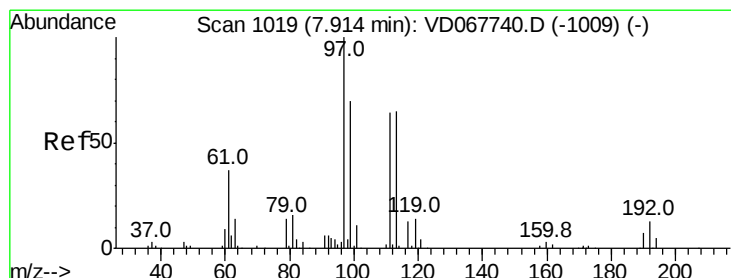
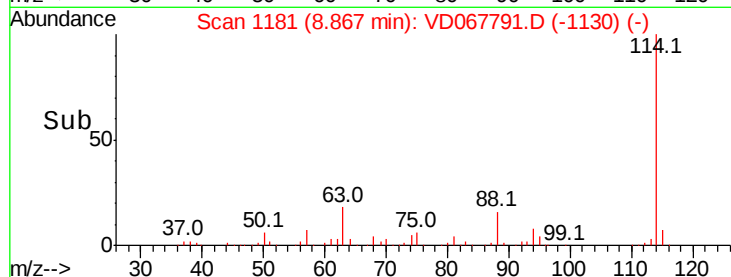
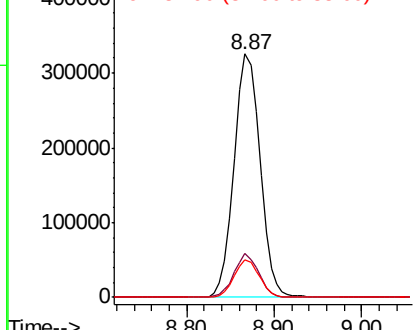
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067791.D
 Acq: 25 Nov 2020 17:05

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B3-112020-8-10

Tot Ion:114 Resp: 655600
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.8
 88 15.5 0.0 34.4

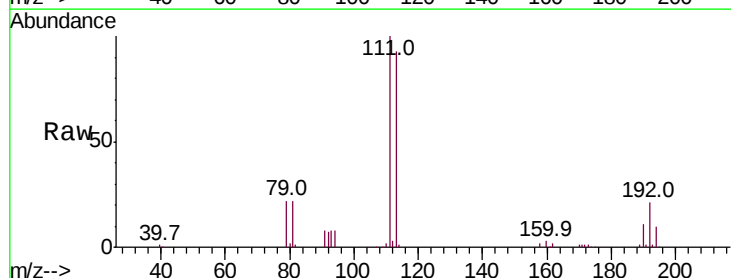


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

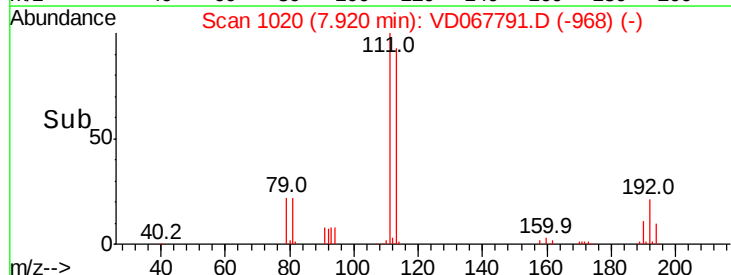
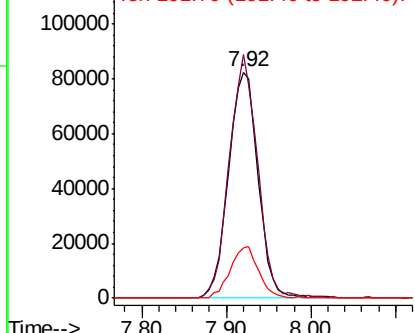


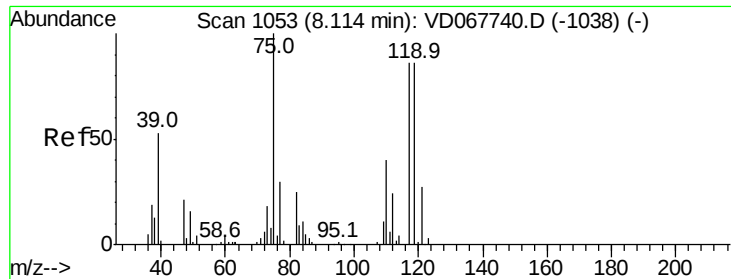
#35
 Dibromofluoromethane
 Concen: 47.666 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067791.D
 Acq: 25 Nov 2020 17:05

Tgt Ion:113 Resp: 198873
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.0
 192 21.7 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





#36

1,1-Dichloropropene

Concen: 5.213 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD067791.D

Acq: 25 Nov 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

KENS-B3-112020-8-10

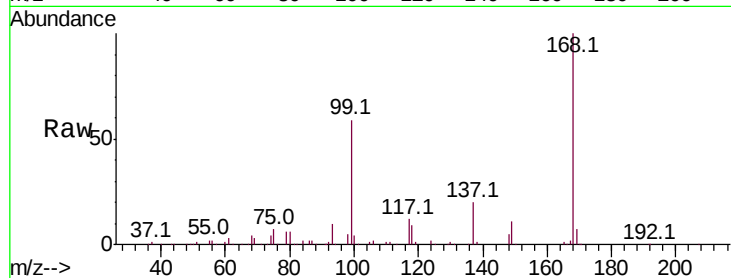
Tot Ion: 75 Resp: 29329

Ion Ratio Lower Upper

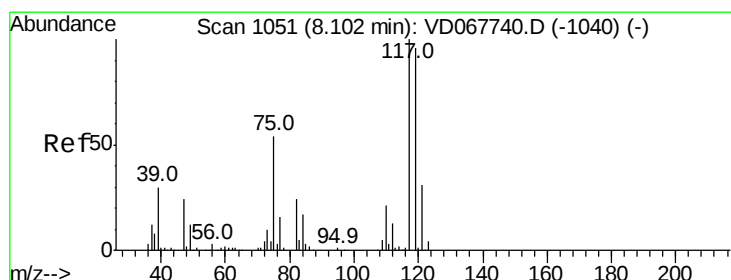
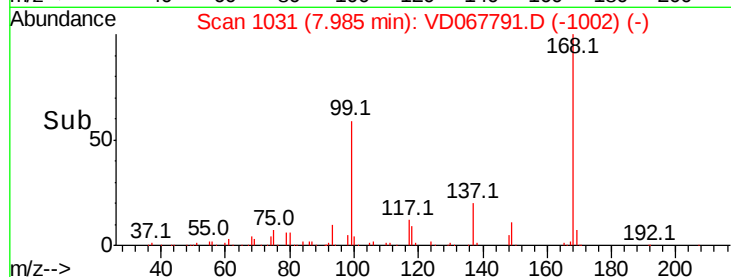
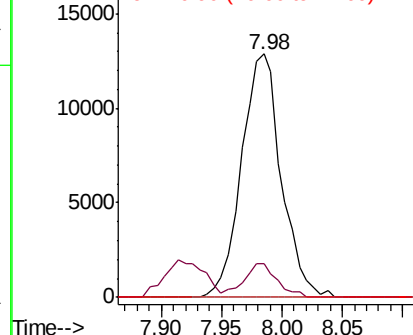
75 100

110 11.7 20.1 60.2#

77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 109.90 (109.60 to 110.60): VDC
Ion 76.90 (76.60 to 77.60): VDC



#38

Carbon Tetrachloride

Concen: 5.339 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067791.D

Acq: 25 Nov 2020 17:05

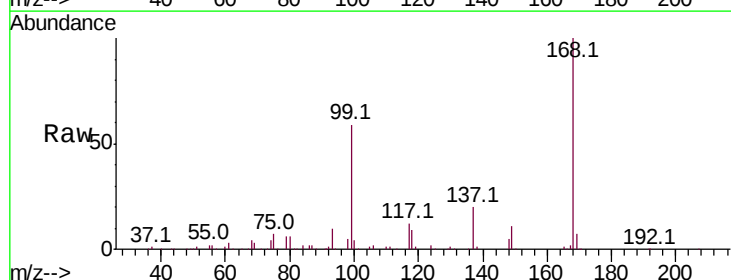
Tgt Ion: 117 Resp: 43536

Ion Ratio Lower Upper

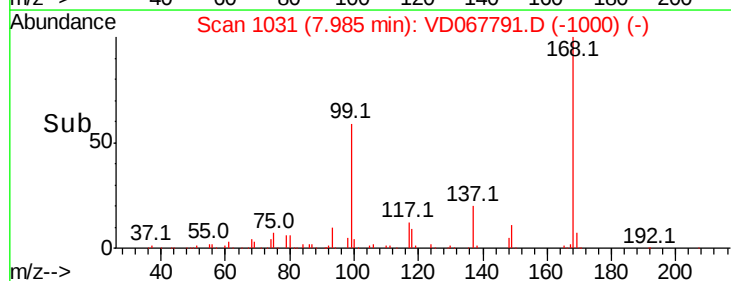
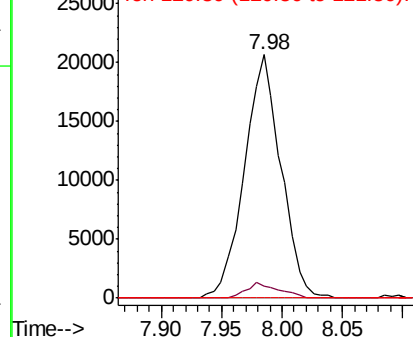
117 100

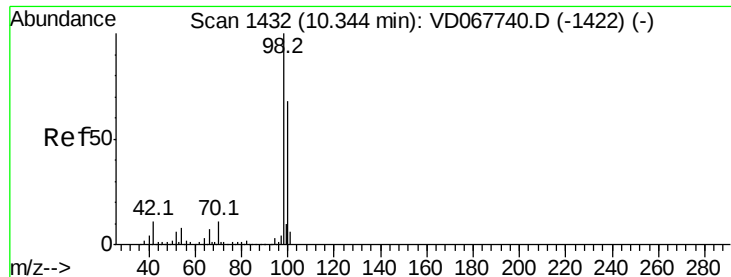
119 5.1 76.6 115.0#

121 0.0 24.5 36.7#



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





#50

Toluene-d8

Concen: 49.493 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067791.D

Acq: 25 Nov 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

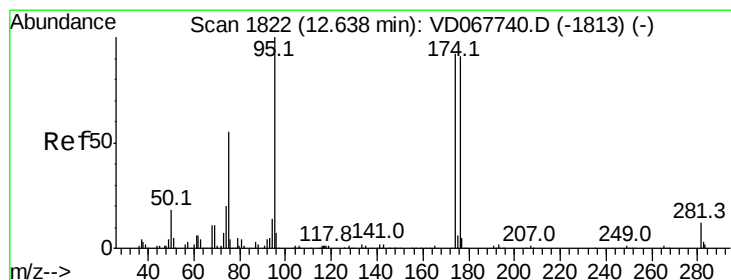
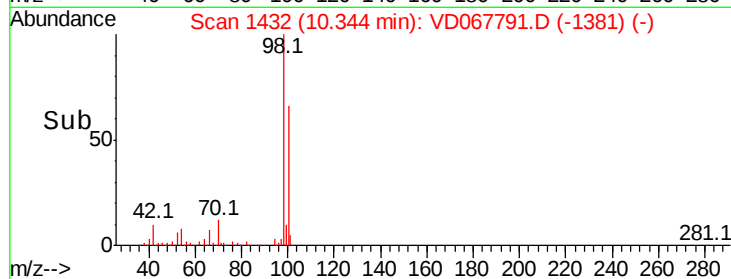
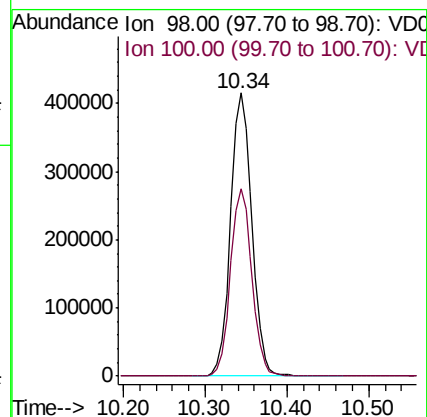
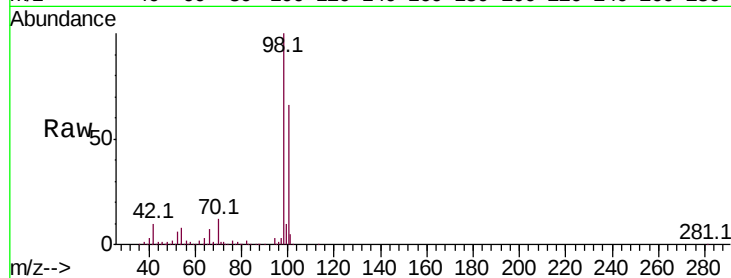
KENS-B3-112020-8-10

Tot Ion: 98 Resp: 754958

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 57.222 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067791.D

Acq: 25 Nov 2020 17:05

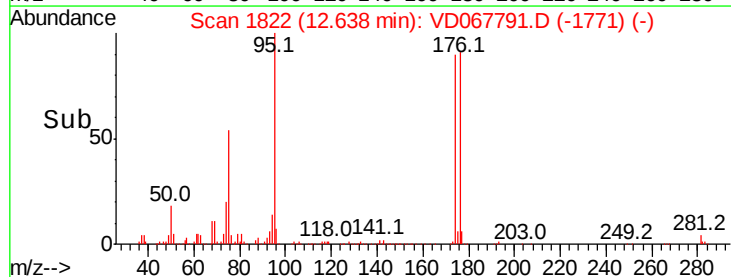
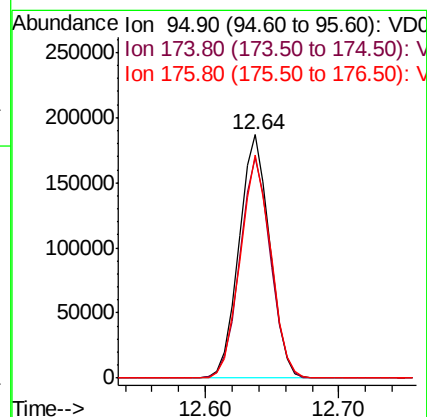
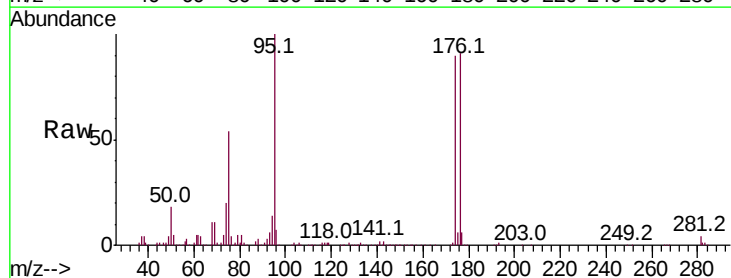
Tgt Ion: 95 Resp: 298350

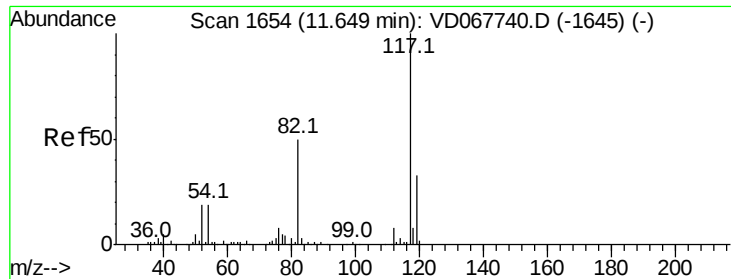
Ion Ratio Lower Upper

95 100

174 90.1 0.0 182.4

176 90.6 0.0 178.2

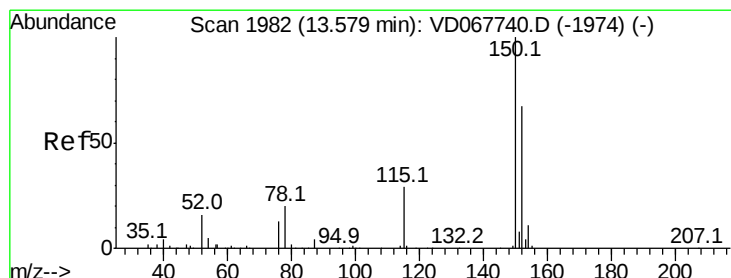
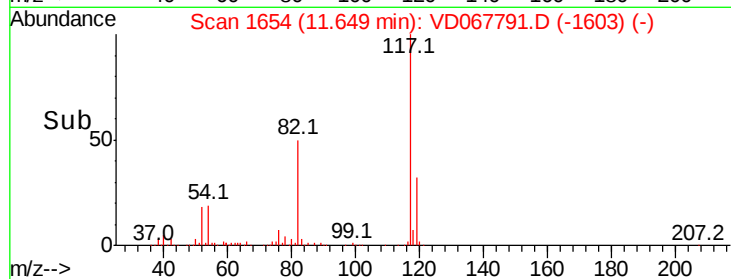
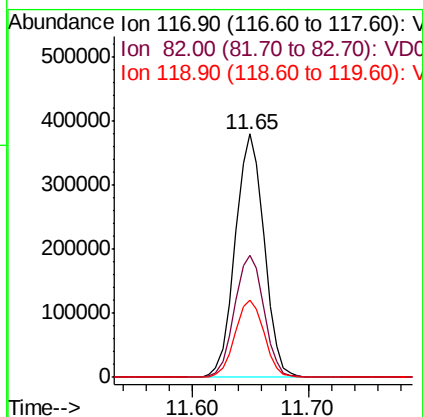
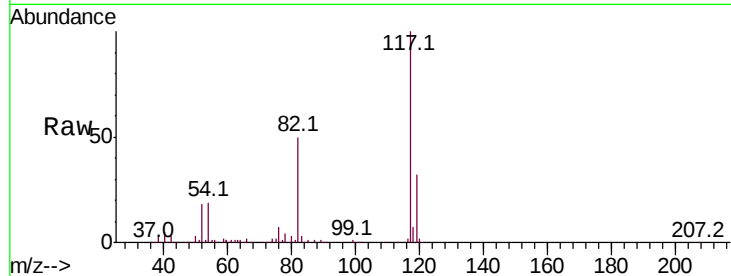




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067791.D
Acq: 25 Nov 2020 17:05

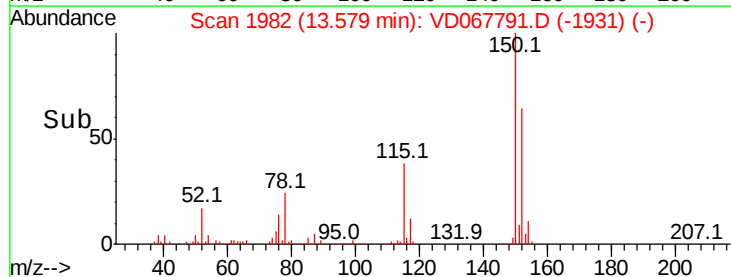
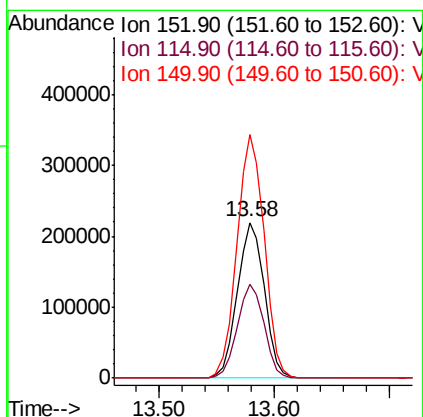
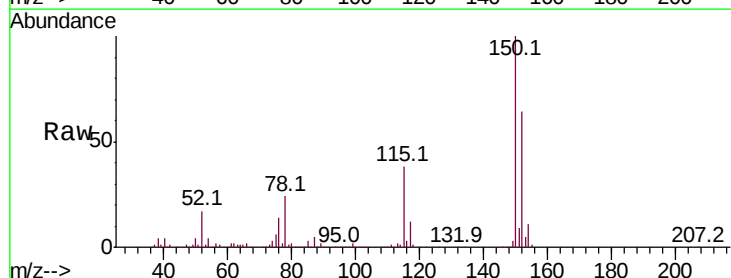
Instrument :
MSVOA_D
ClientSampleId :
KENS-B3-112020-8-10

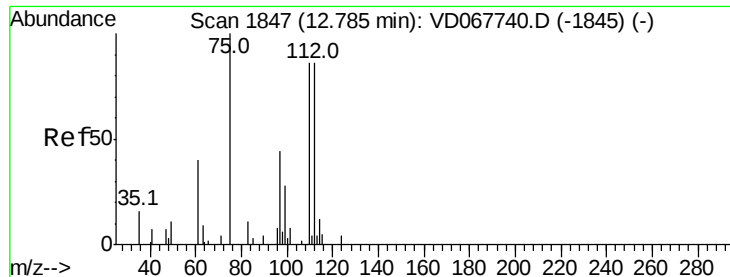
Tot Ion:117 Resp: 659155
Ion Ratio Lower Upper
117 100
82 50.3 40.2 60.4
119 31.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067791.D
Acq: 25 Nov 2020 17:05

Tgt Ion:152 Resp: 354517
Ion Ratio Lower Upper
152 100
115 59.6 29.4 88.3
150 157.8 0.0 340.6

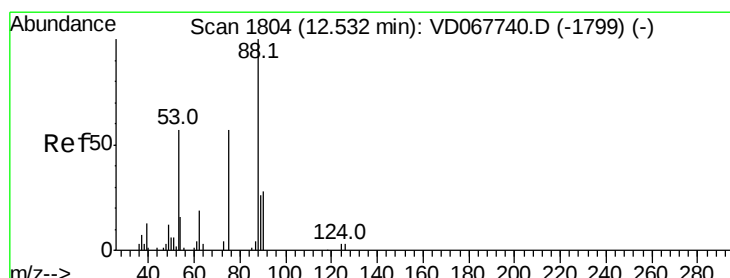
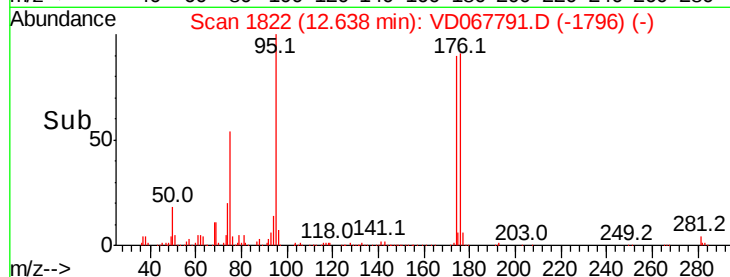
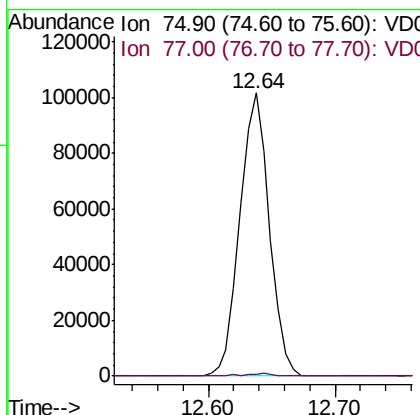
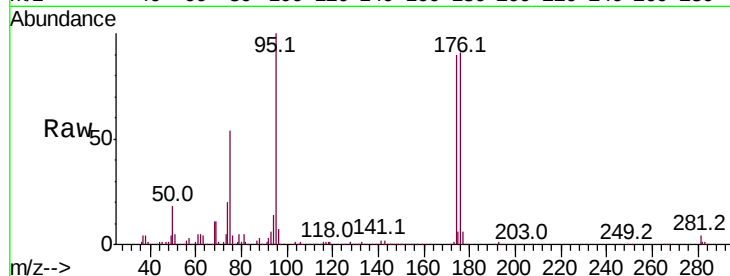




#76
 1,2,3-Trichloropropane
 Concen: 66.014 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067791.D
 Acq: 25 Nov 2020 17:05

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B3-112020-8-10

Tot Ion: 75 Resp: 163107
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 154.400 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067791.D
 Acq: 25 Nov 2020 17:05

Tgt Ion: 75 Resp: 163107
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.0 114.0#
 89 0.0 40.2 60.4#

