

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067813.D
 Acq On : 30 Nov 2020 14:18
 Operator : VA/SY
 Sample : L4868-05RE
 Misc : 5.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-112020-BDRE

Quant Time: Dec 01 00:16:37 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	479266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	837734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	807691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	423862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	328971	70.60	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.20%
35) Dibromofluoromethane	7.92	113	276377	51.84	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.68%
50) Toluene-d8	10.34	98	943731	48.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.84%
62) 4-Bromofluorobenzene	12.64	95	371586	55.77	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.54%

Target Compounds

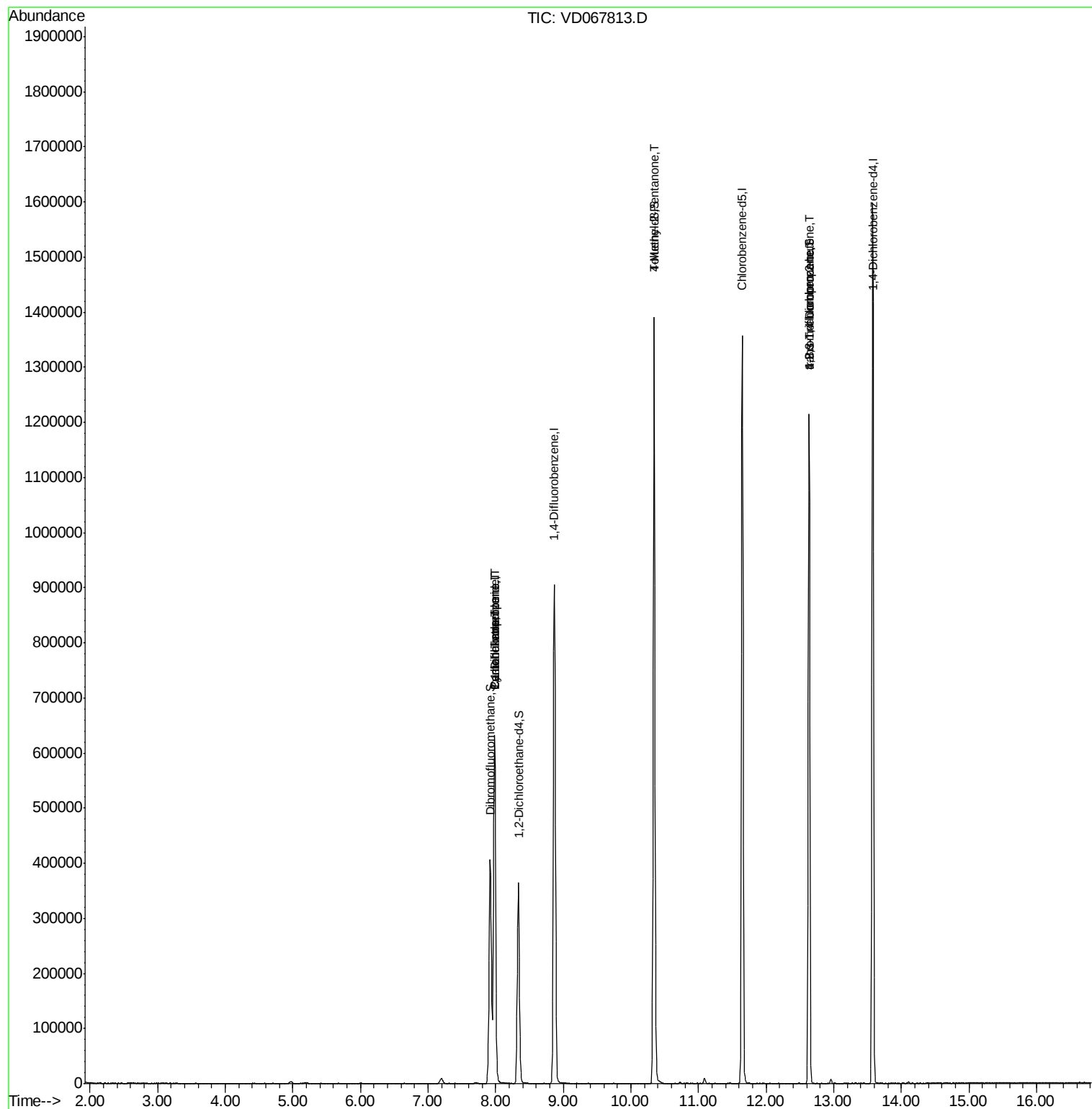
					Qvalue	
11) Tert butyl alcohol	5.18	59	1314	Below Cal	#	87
20) Methylene Chloride	4.97	84	3353	Below Cal	#	72
31) Cyclohexane	7.98	56	8643	1.533	ug/l #	27
36) 1,1-Dichloropropene	7.98	75	32133	4.470	ug/l #	49
38) Carbon Tetrachloride	7.98	117	49381	4.739	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	3538	1.948	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	208406	70.548	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	208406	165.006	ug/l #	11

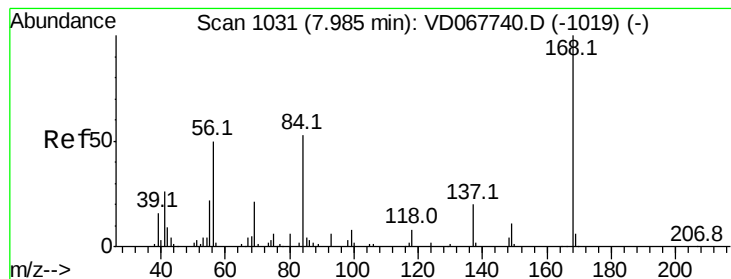
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD113020\
Data File : VD067813.D
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Misc : 5.44G/5.00ml/MSVOA D/SOIL
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Instrument :
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ClientSampleId :
KENS-112020-BDRE

Quant Time: Dec 01 00:16:37 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# 1031

Delta R.T. -0.00 min

Lab File: VD067813.D

Acq: 30 Nov 2020 14:18

Instrument :

MSVOA_D

ClientSampleId :

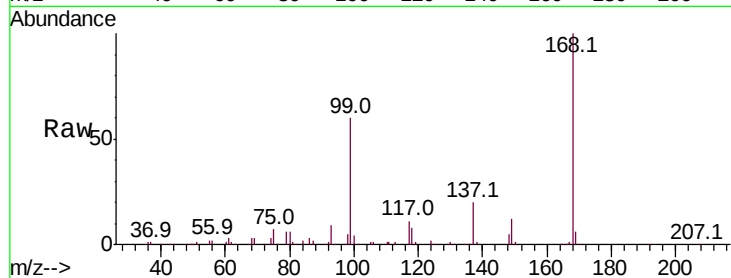
KENS-112020-BDRE

Tot Ion:168 Resp: 479266

Ion Ratio Lower Upper

168 100

99 60.0 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

250000

200000

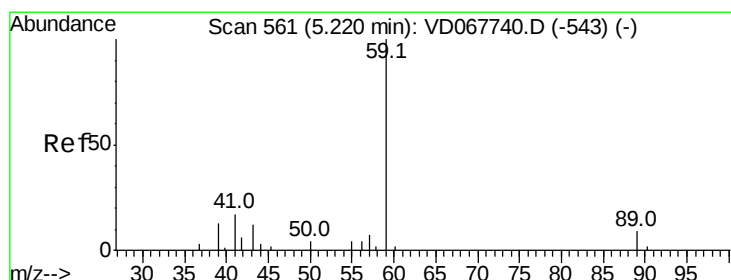
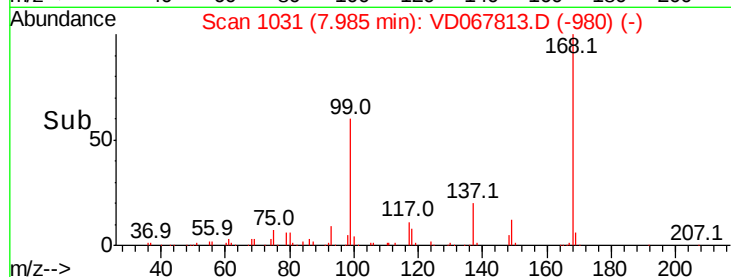
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 555

Delta R.T. -0.04 min

Lab File: VD067813.D

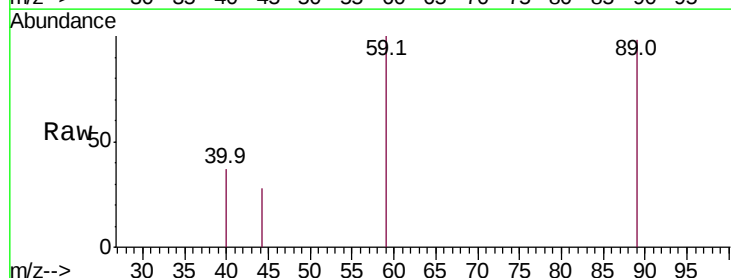
Acq: 30 Nov 2020 14:18

Tgt Ion: 59 Resp: 1314

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

5.18

800

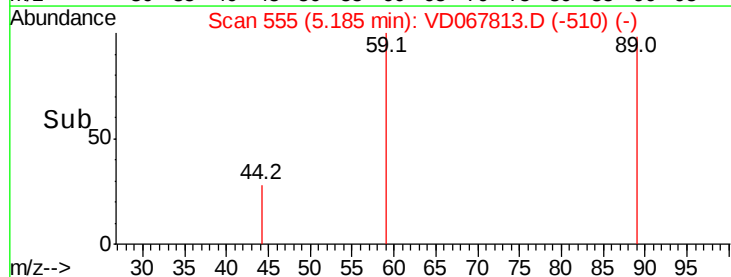
600

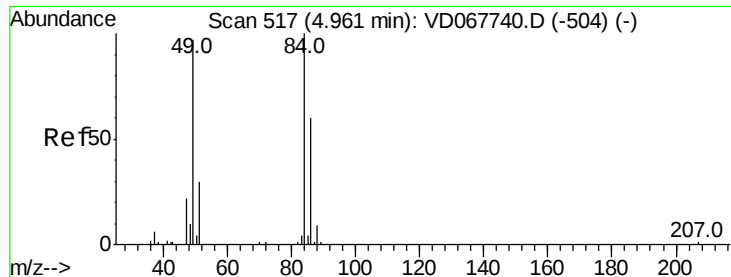
400

200

0

Time-->

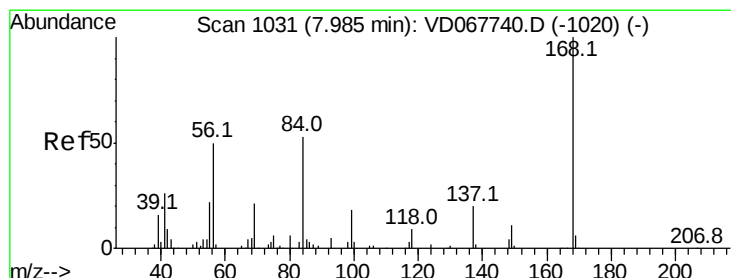
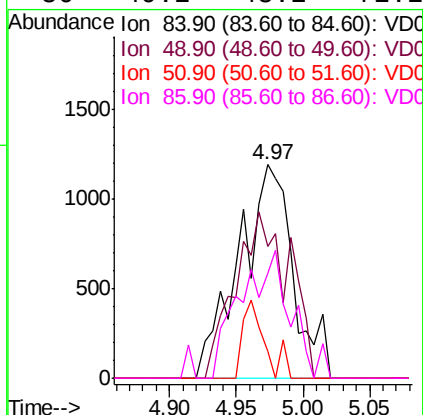
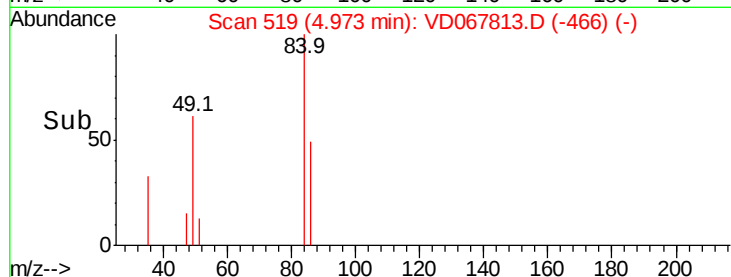
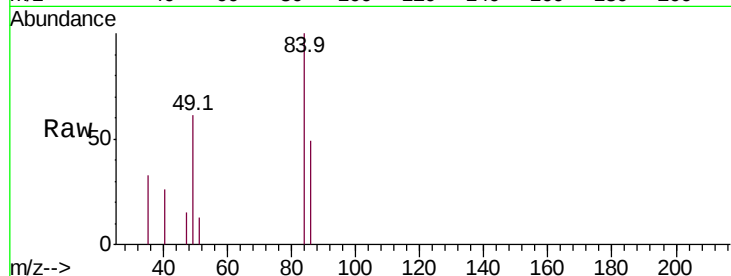




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067813.D
Acq: 30 Nov 2020 14:18

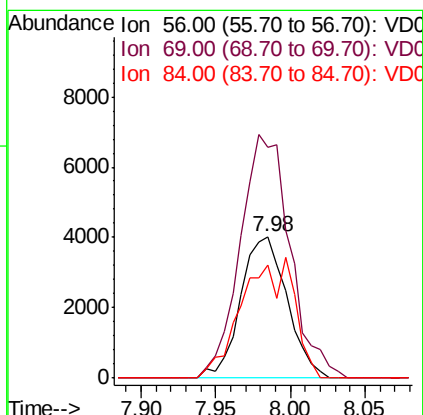
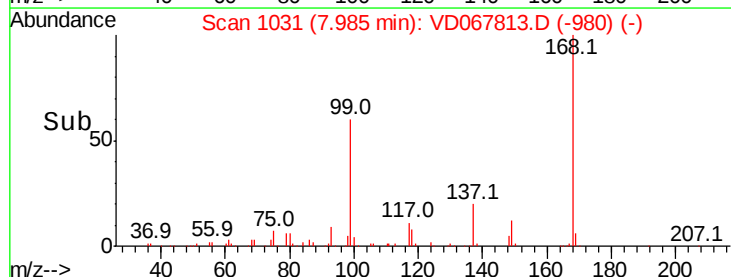
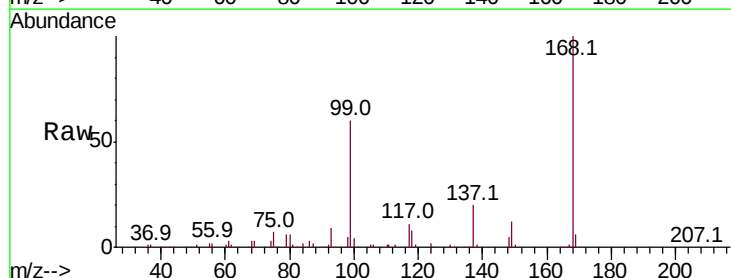
Instrument :
MSVOA_D
ClientSampleId :
KENS-112020-BDRE

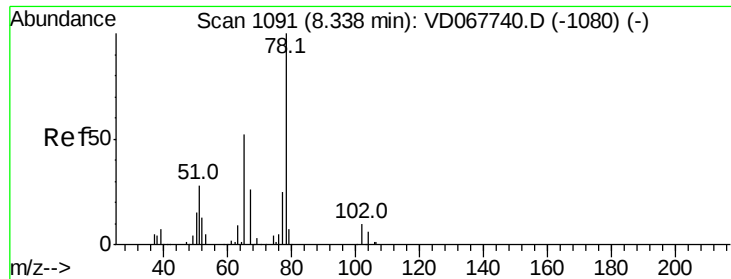
Tot Ion: 84 Resp: 3353
Ion Ratio Lower Upper
84 100
49 61.4 77.4 116.2#
51 12.8 24.1 36.1#
86 49.2 48.2 72.2



#31
Cyclohexane
Concen: 1.533 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067813.D
Acq: 30 Nov 2020 14:18

Tgt Ion: 56 Resp: 8643
Ion Ratio Lower Upper
56 100
69 163.2 33.2 49.8#
84 79.8 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 70.595 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067813.D

Acq: 30 Nov 2020 14:18

Instrument :

MSVOA_D

ClientSampleId :

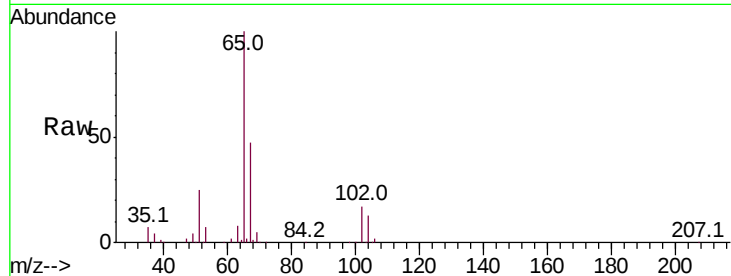
KENS-112020-BDRE

Tot Ion: 65 Resp: 328971

Ion Ratio Lower Upper

65 100

67 45.8 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

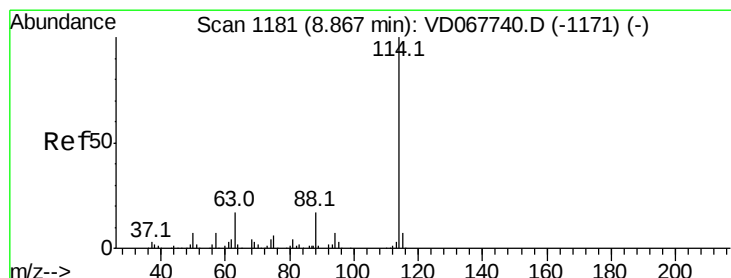
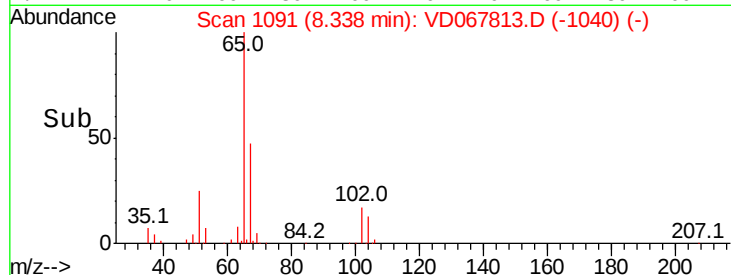
150000

100000

50000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD067813.D

Acq: 30 Nov 2020 14:18

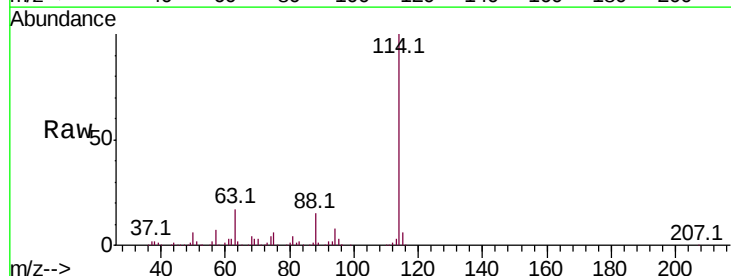
Tgt Ion: 114 Resp: 837734

Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.8

88 15.0 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

500000

400000

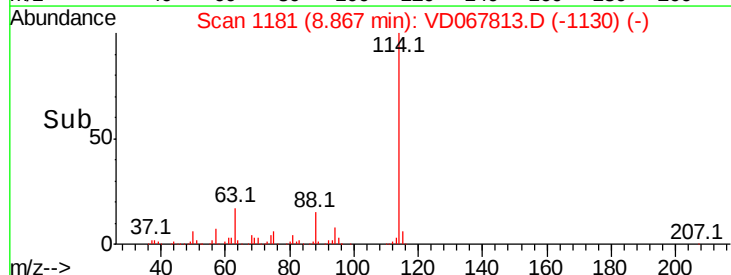
300000

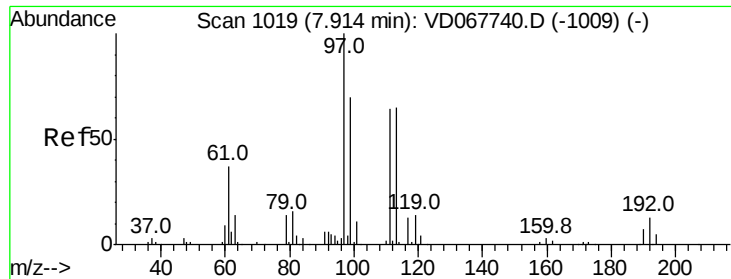
200000

100000

0

Time--> 8.80 8.90

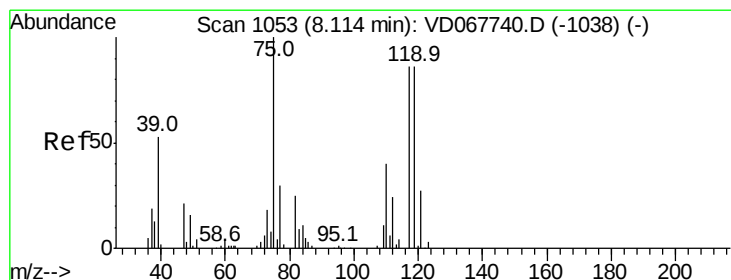
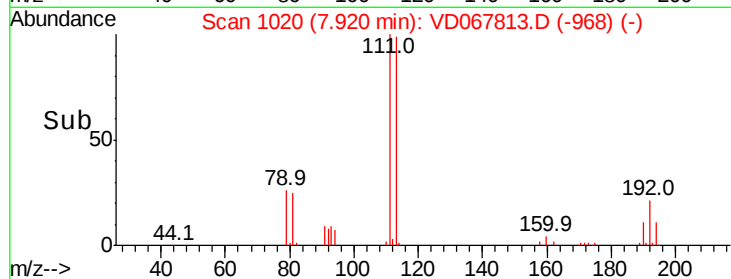
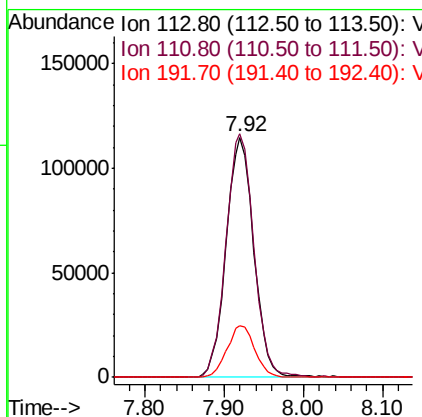
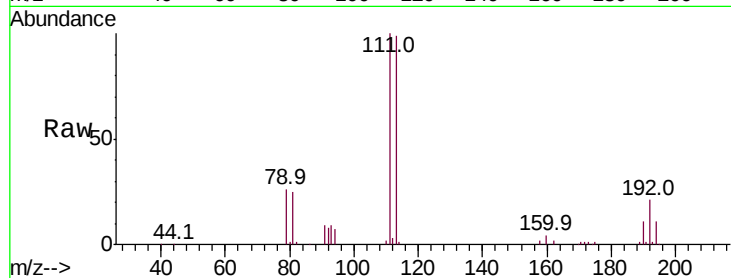




#35
 Dibromofluoromethane
 Concen: 51.840 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067813.D
 Acq: 30 Nov 2020 14:18

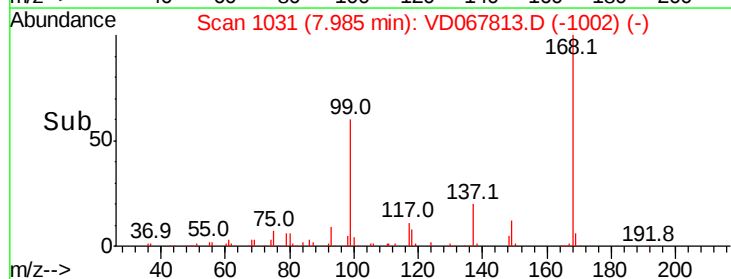
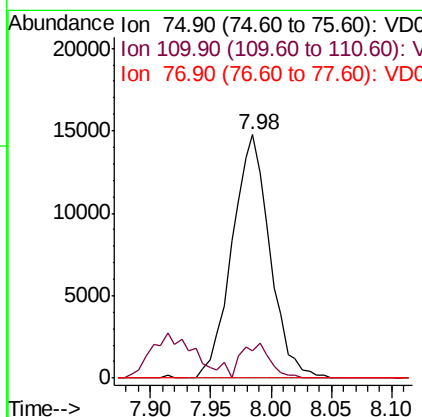
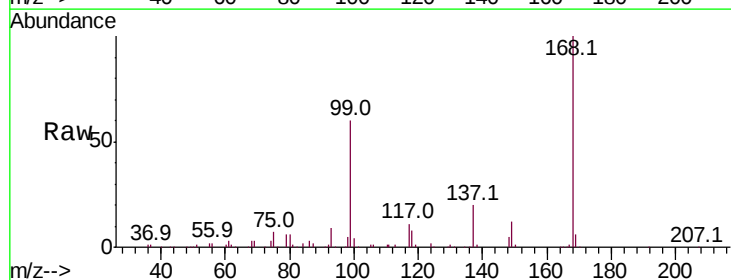
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-112020-BDRE

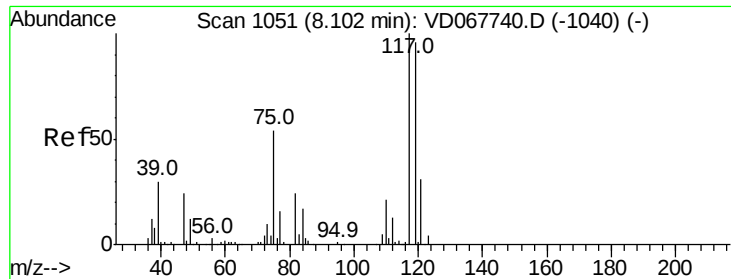
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.0
192	21.8	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.470 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD067813.D
 Acq: 30 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.1	60.2#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 4.739 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067813.D

Acq: 30 Nov 2020 14:18

Instrument :

MSVOA_D

ClientSampleId :

KENS-112020-BDRE

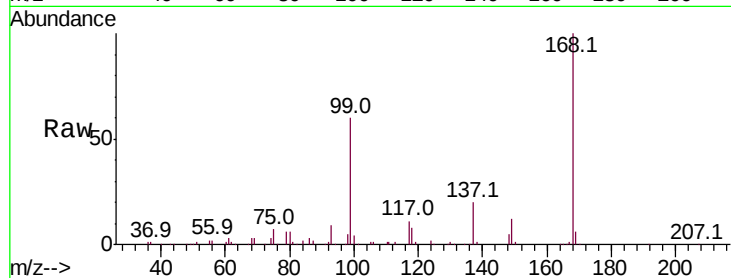
Tot Ion:117 Resp: 49381

Ion Ratio Lower Upper

117 100

119 5.2 76.6 115.0#

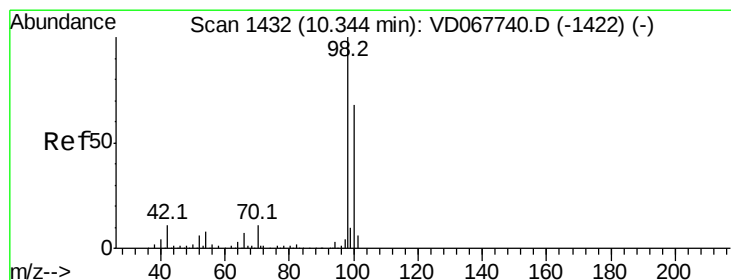
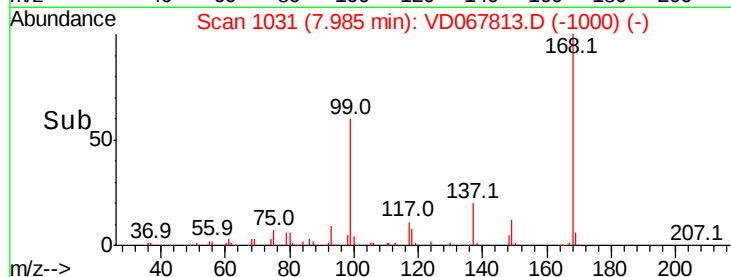
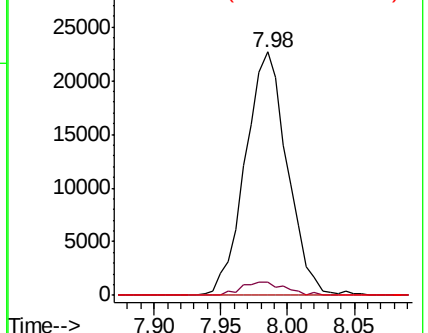
121 0.0 24.5 36.7#



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: 48.417 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067813.D

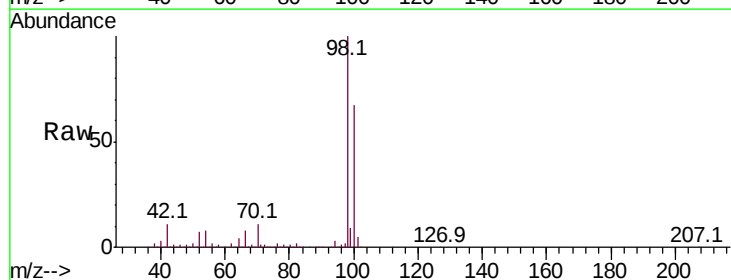
Acq: 30 Nov 2020 14:18

Tgt Ion: 98 Resp: 943731

Ion Ratio Lower Upper

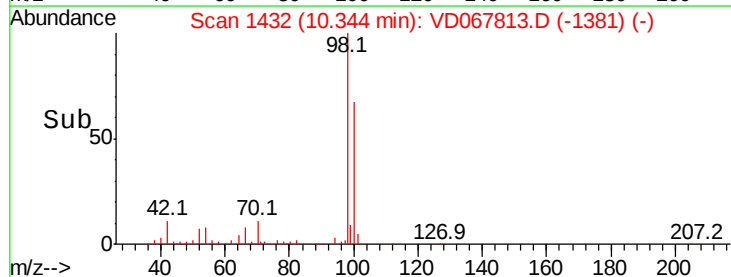
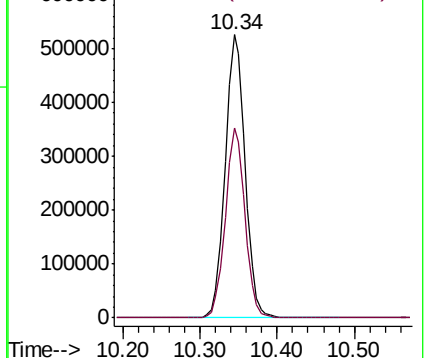
98 100

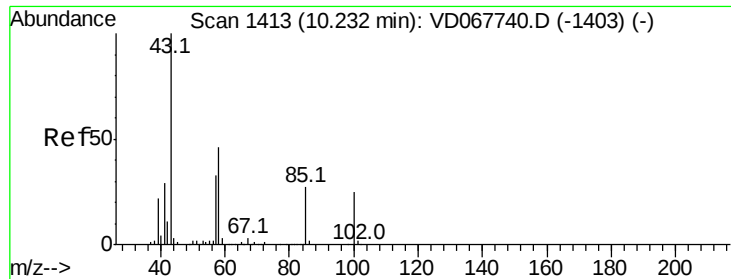
100 66.3 53.1 79.7



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: 1.948 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD067813.D

Acq: 30 Nov 2020 14:18

Instrument :

MSVOA_D

ClientSampleId :

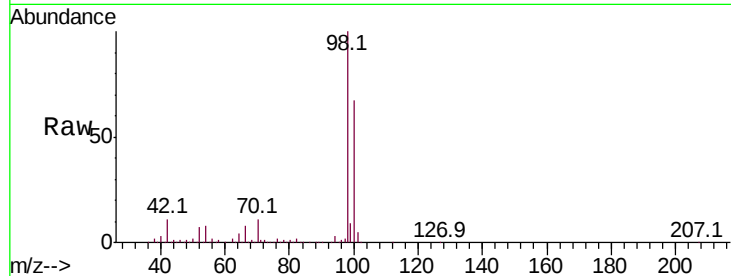
KENS-112020-BDRE

Tot Ion: 43 Resp: 3538

Ion Ratio Lower Upper

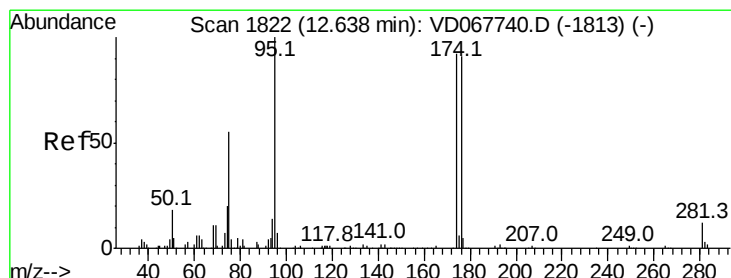
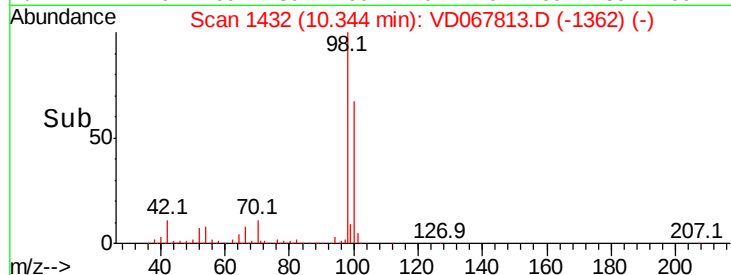
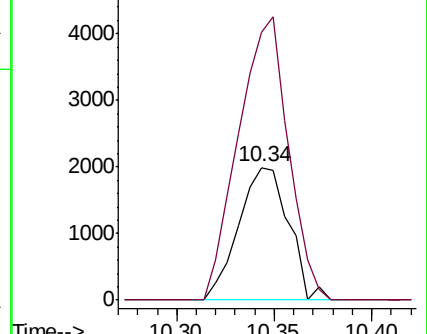
43 100

58 213.1 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: 55.774 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067813.D

Acq: 30 Nov 2020 14:18

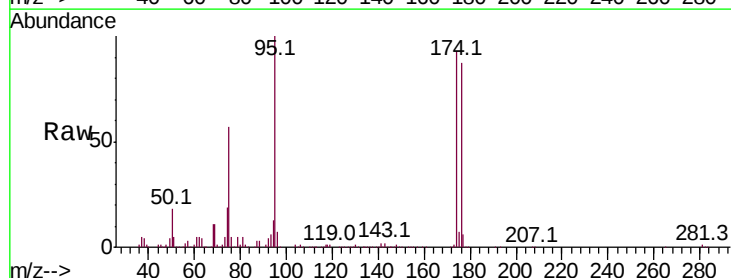
Tgt Ion: 95 Resp: 371586

Ion Ratio Lower Upper

95 100

174 93.0 0.0 182.4

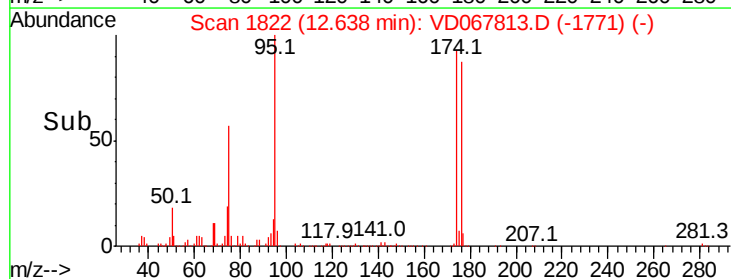
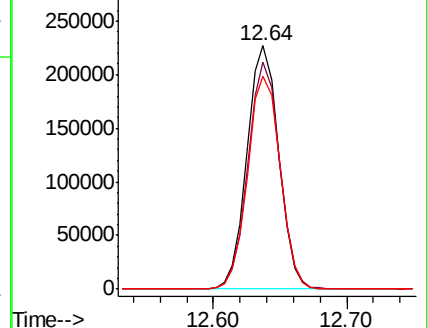
176 89.9 0.0 178.2

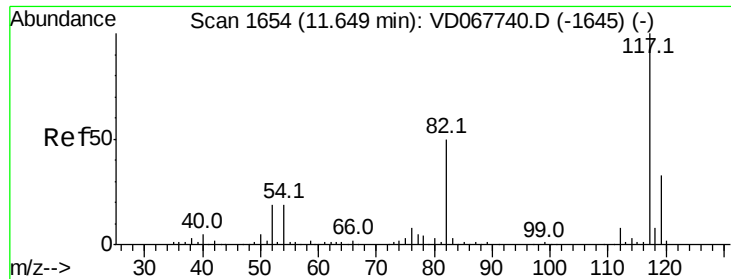


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

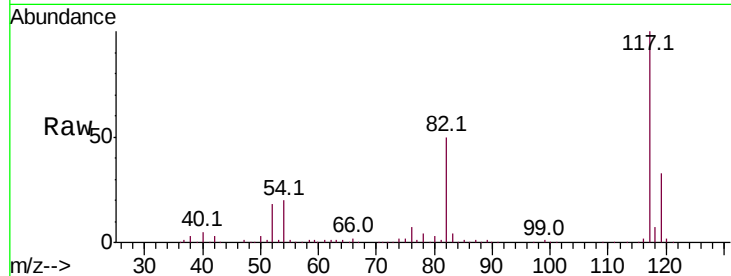




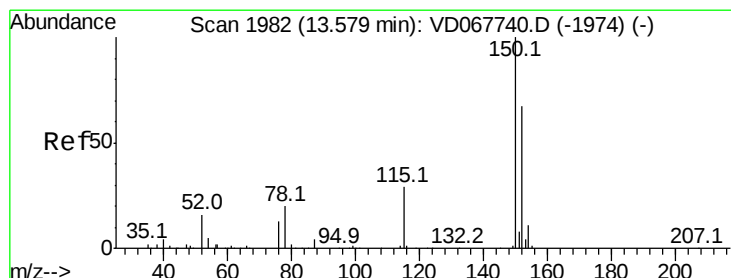
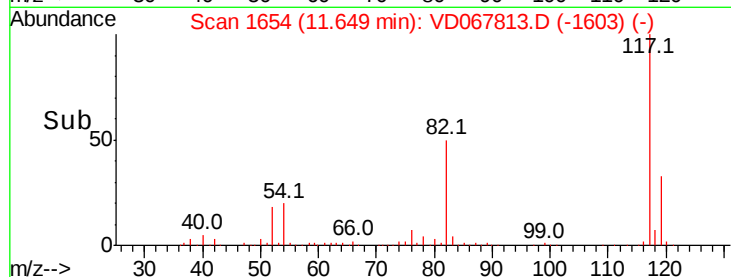
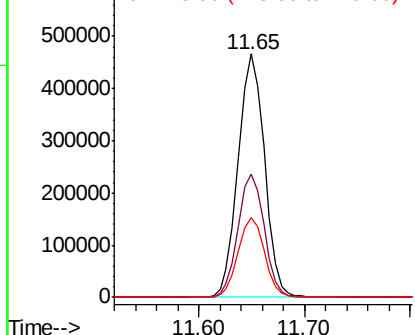
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067813.D
Acq: 30 Nov 2020 14:18

Instrument :
MSVOA_D
ClientSampleId :
KENS-112020-BDRE

Tot Ion:117 Resp: 807691
Ion Ratio Lower Upper
117 100
82 50.5 40.2 60.4
119 33.0 26.5 39.7

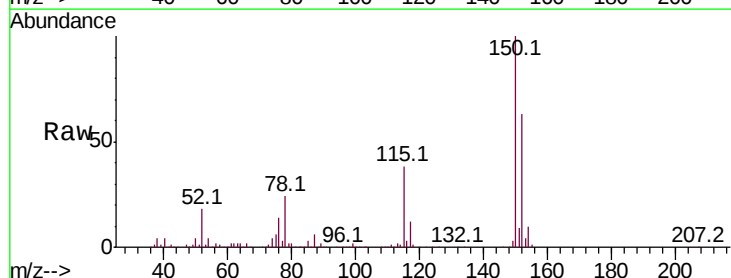


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

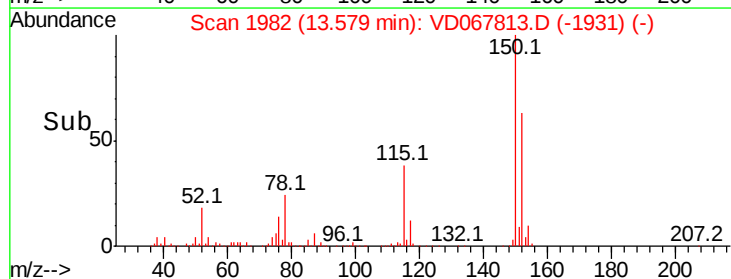
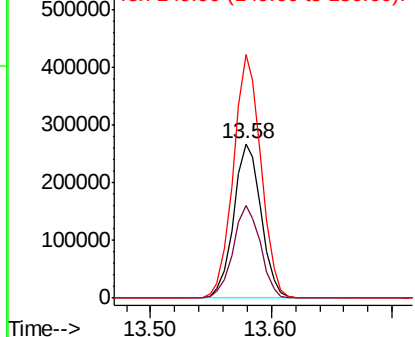


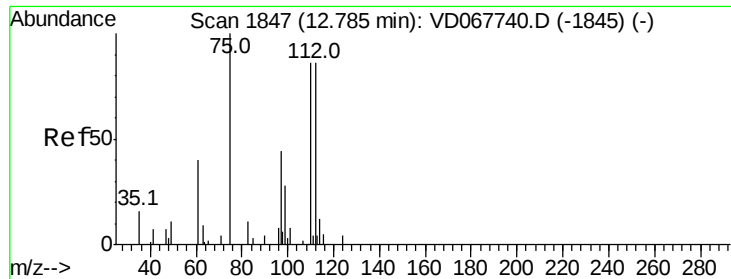
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067813.D
Acq: 30 Nov 2020 14:18

Tgt Ion:152 Resp: 423862
Ion Ratio Lower Upper
152 100
115 59.9 29.4 88.3
150 158.4 0.0 340.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

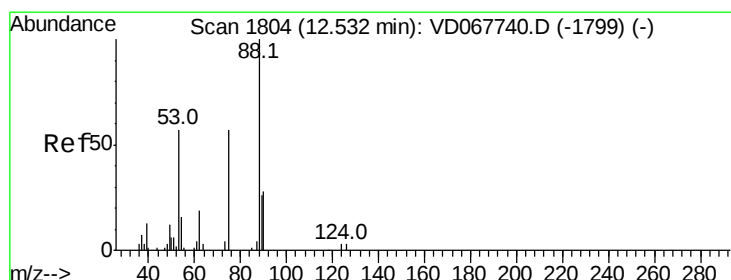
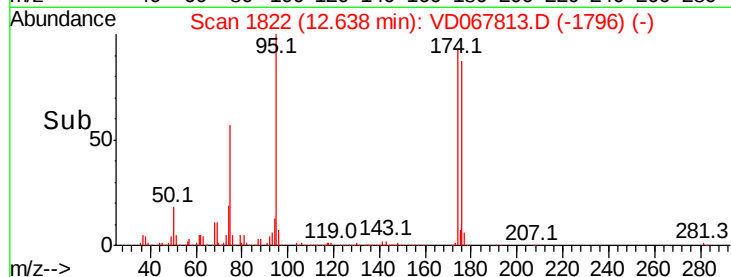
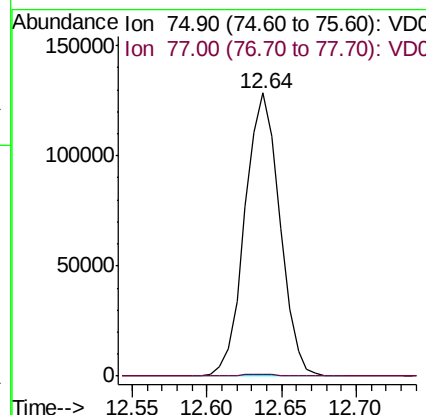
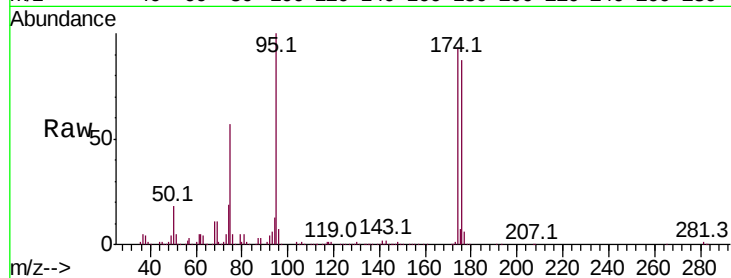




#76
 1,2,3-Trichloropropane
 Concen: 70.548 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067813.D
 Acq: 30 Nov 2020 14:18

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-112020-BDRE

Tot Ion: 75 Resp: 208406
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 165.006 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067813.D
 Acq: 30 Nov 2020 14:18

Tgt Ion: 75 Resp: 208406
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.0 114.0#
 89 0.1 40.2 60.4#

