

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110520\
 Data File : VD067534.D
 Acq On : 05 Nov 2020 10:21
 Operator : VA/SY
 Sample : VD1105SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 06 00:14:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

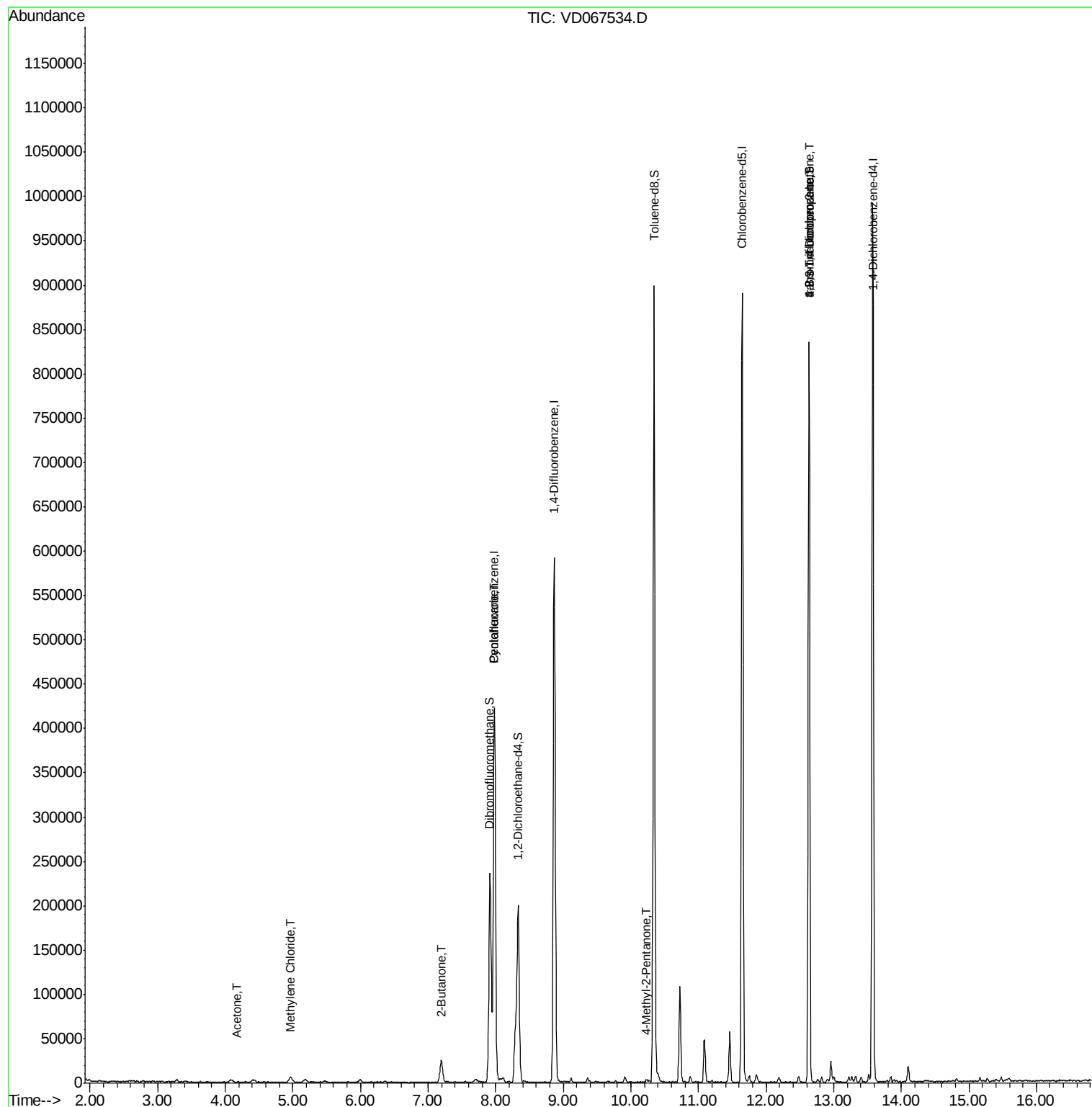
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	322139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	530672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	536801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	268868	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	164043	58.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.48%	
35) Dibromofluoromethane	7.91	113	167650	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
50) Toluene-d8	10.34	98	619265	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
62) 4-Bromofluorobenzene	12.64	95	232622	59.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.94%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	1413	Below Cal		96
11) Tert butyl alcohol	5.18	59	2397	Below Cal	#	79
16) Acetone	4.17	43	976	2.315	ug/l #	43
20) Methylene Chloride	4.97	84	5430	1.824	ug/l #	76
25) 2-Butanone	7.21	43	789	1.752	ug/l #	42
31) Cyclohexane	7.98	56	6941	1.699	ug/l #	31
51) 4-Methyl-2-Pentanone	10.23	43	2561	2.296	ug/l #	81
76) 1,2,3-Trichloropropane	12.64	75	123759	76.302	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	123759	154.913	ug/l #	10

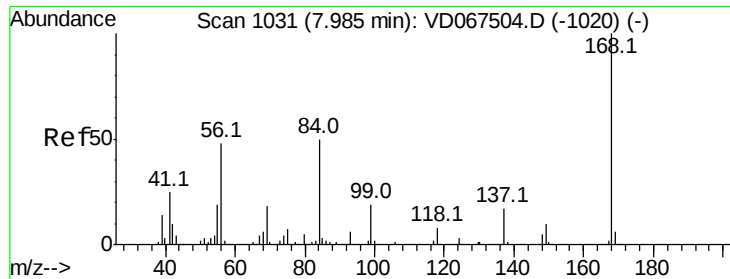
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110520\
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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Nov 06 00:14:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 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: VD067534.D

Acq: 05 Nov 2020 10:21

Instrument :

MSVOA_D

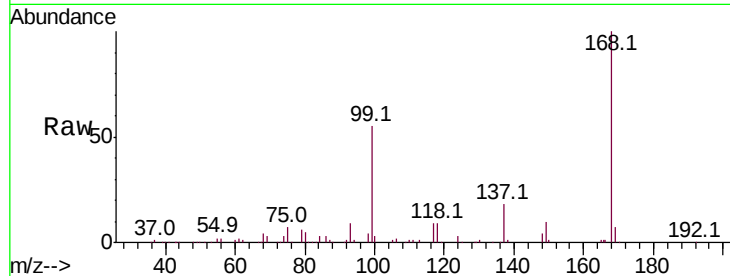
ClientSampleId :

Tot Ion:168 Resp: 322139

Ion Ratio Lower Upper

168 100

99 54.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

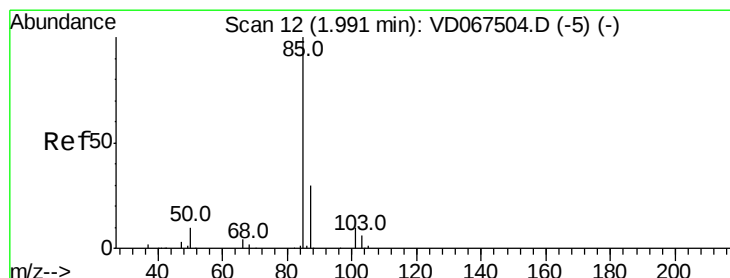
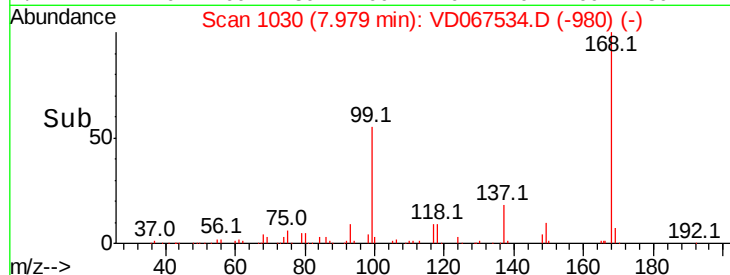
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067534.D

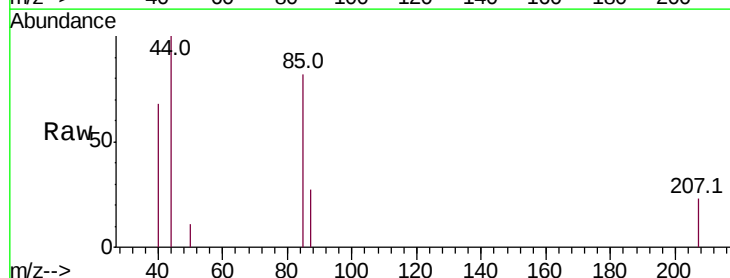
Acq: 05 Nov 2020 10:21

Tgt Ion: 85 Resp: 1413

Ion Ratio Lower Upper

85 100

87 32.7 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

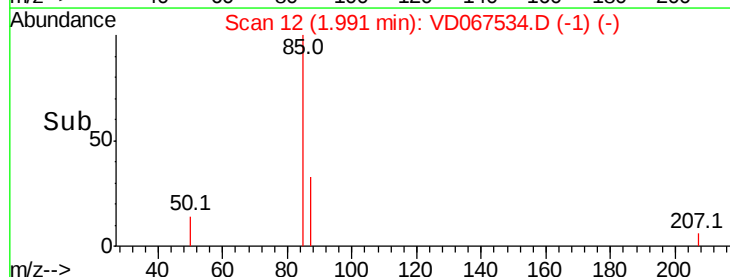
1.99

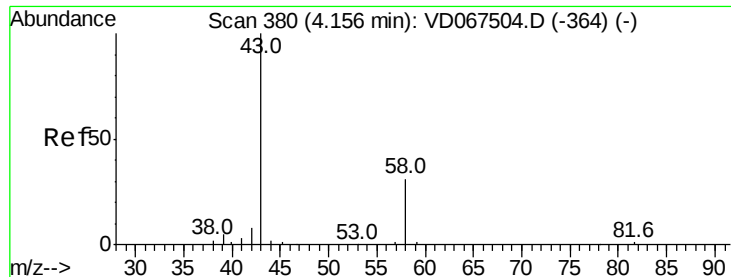
1000

500

0

Time-->





#16

Acetone

Concen: 2.315 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.02 min

Lab File: VD067534.D

Acq: 05 Nov 2020 10:21

Instrument :

MSVOA_D

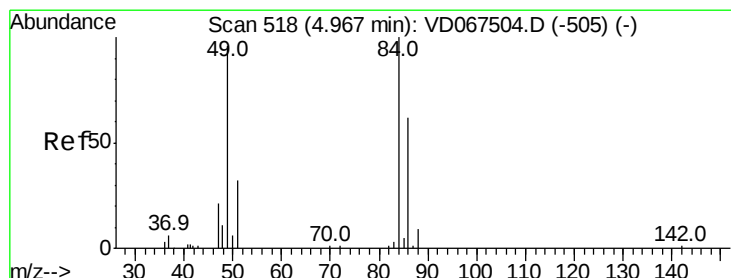
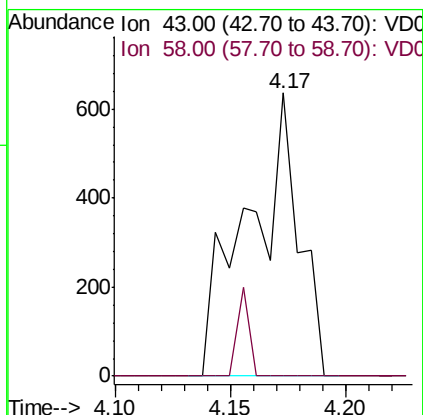
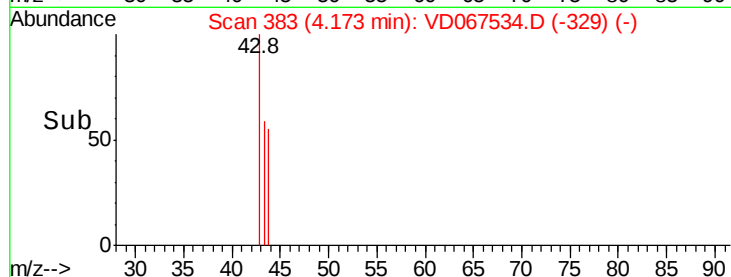
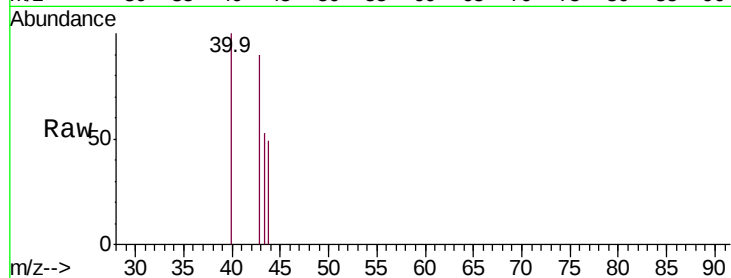
ClientSampleId :

Tot Ion: 43 Resp: 976

Ion Ratio Lower Upper

43 100

58 0.0 25.2 37.8#



#20

Methylene Chloride

Concen: 1.824 ug/l

RT: 4.97 min Scan# 518

Delta R.T. -0.00 min

Lab File: VD067534.D

Acq: 05 Nov 2020 10:21

Tgt Ion: 84 Resp: 5430

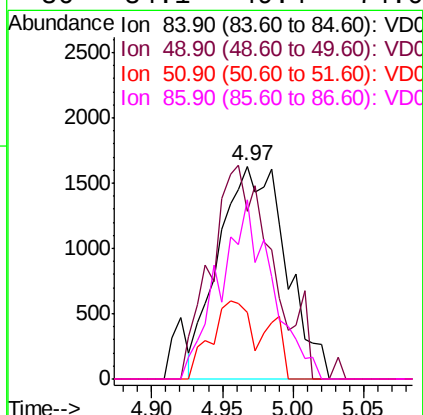
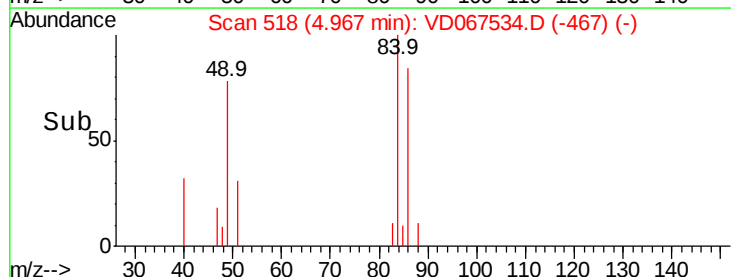
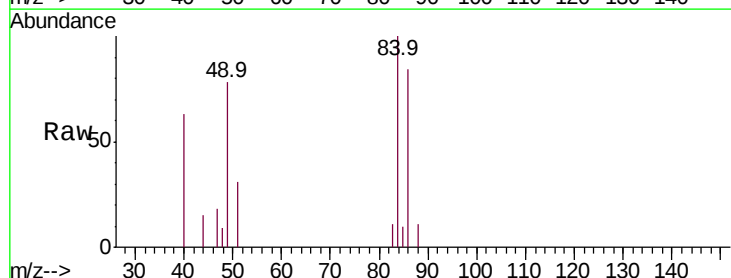
Ion Ratio Lower Upper

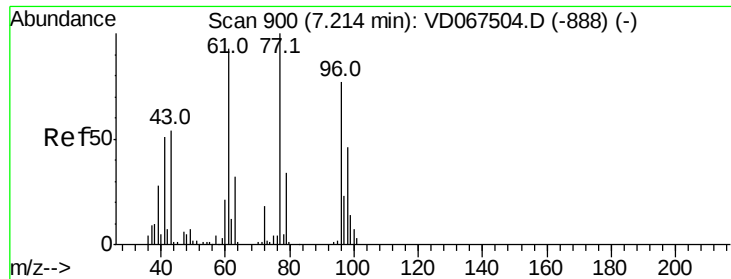
84 100

49 68.2 77.0 115.4#

51 31.5 25.4 38.2

86 84.1 49.4 74.0#

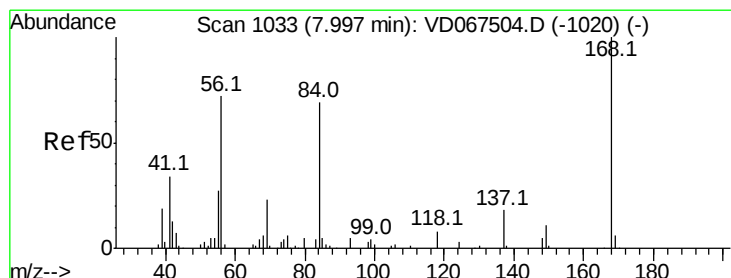
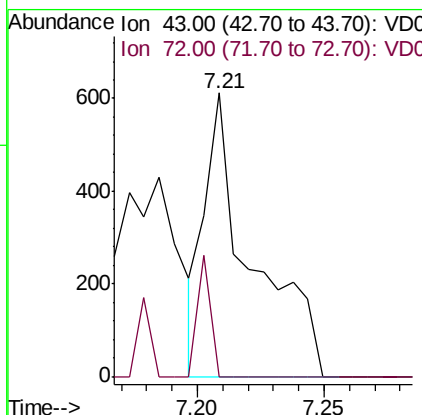
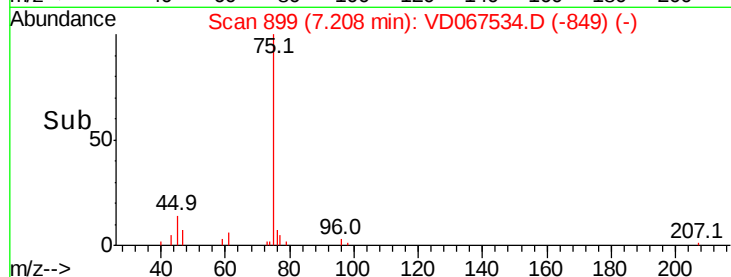
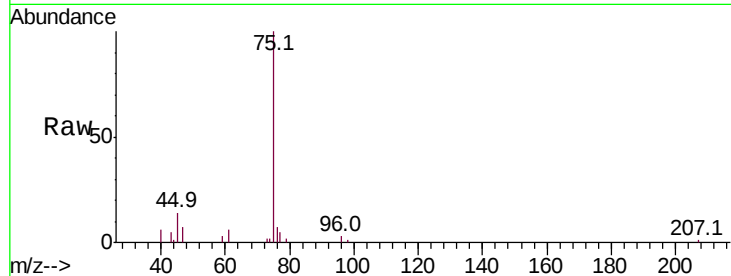




#25
2-Butanone
Concen: 1.752 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067534.D
Acq: 05 Nov 2020 10:21

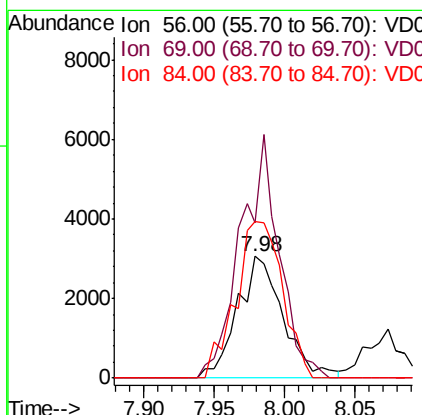
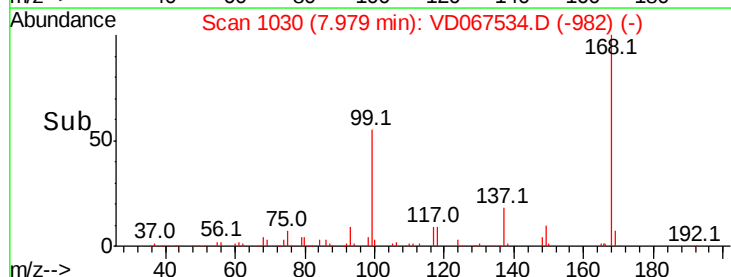
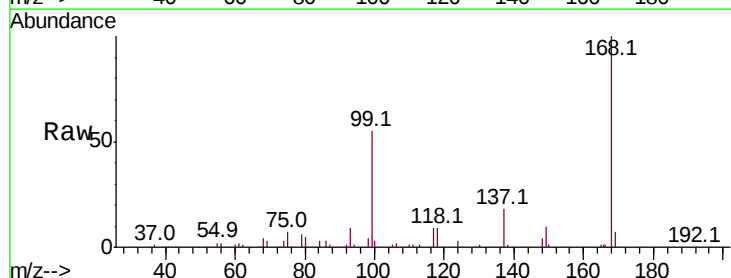
Instrument :
MSVOA_D
ClientSampleId :

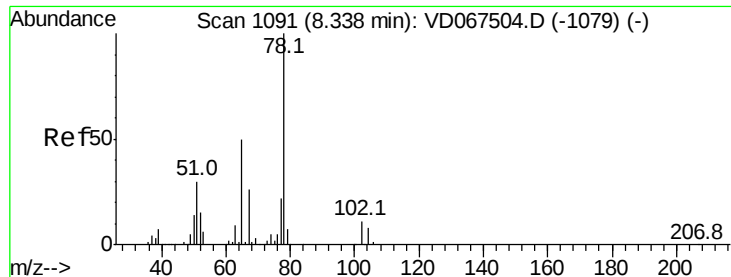
Tot Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



#31
Cyclohexane
Concen: 1.699 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067534.D
Acq: 05 Nov 2020 10:21

Tgt Ion: 56 Resp: 6941
Ion Ratio Lower Upper
56 100
69 127.4 25.9 38.9#
84 129.3 76.2 114.4#





#33

1,2-Dichloroethane-d4

Concen: 58.238 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067534.D

Acq: 05 Nov 2020 10:21

Instrument :

MSVOA_D

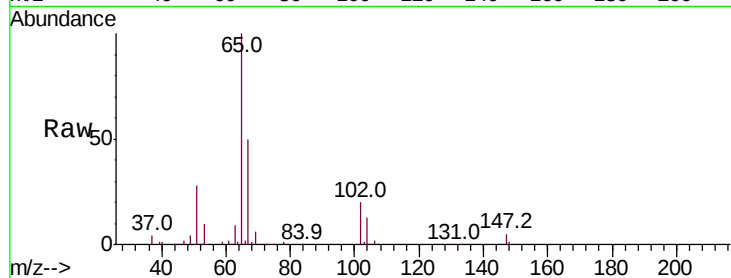
ClientSampleId :

Tot Ion: 65 Resp: 164043

Ion Ratio Lower Upper

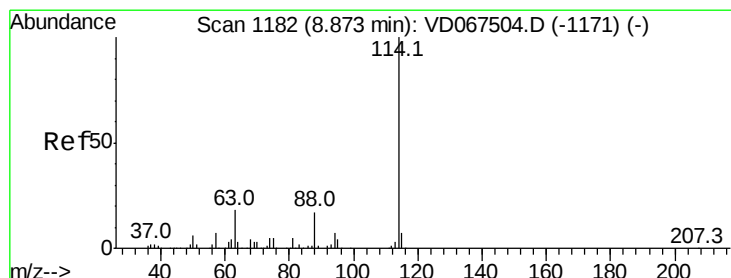
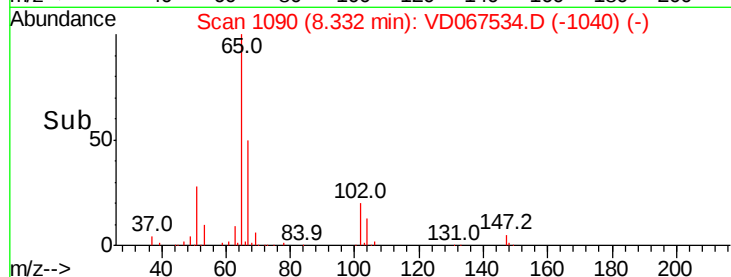
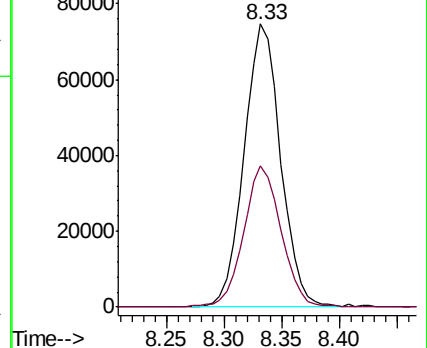
65 100

67 51.2 0.0 99.4



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. -0.01 min

Lab File: VD067534.D

Acq: 05 Nov 2020 10:21

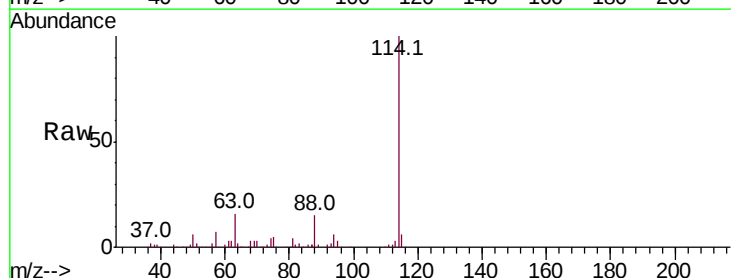
Tgt Ion: 114 Resp: 530672

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

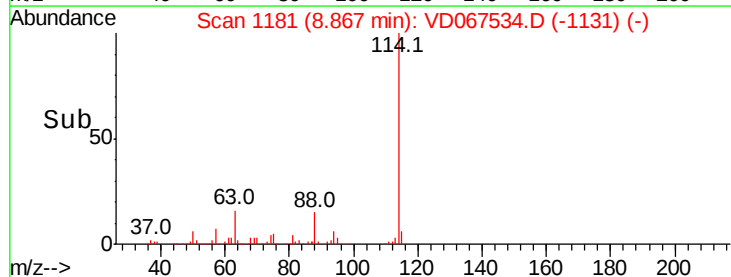
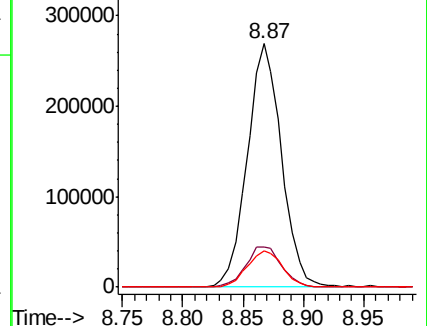
88 14.9 0.0 33.0

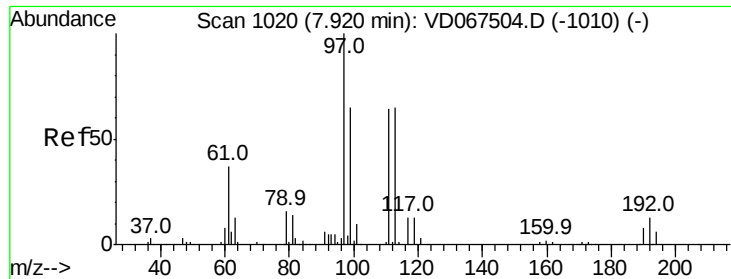


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

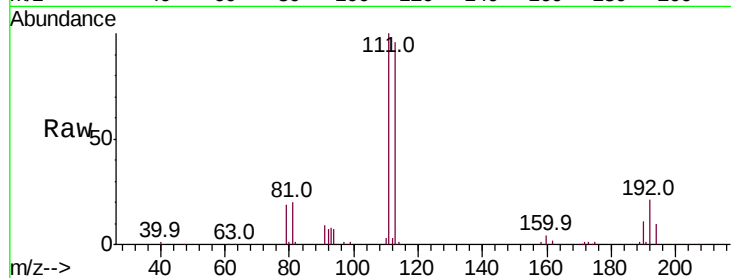




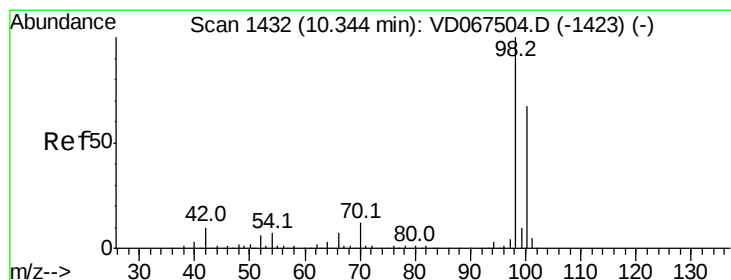
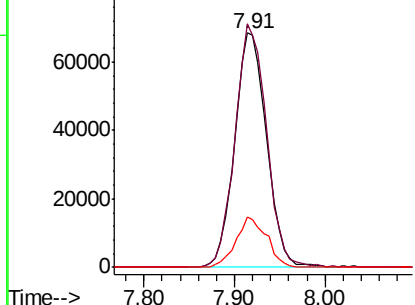
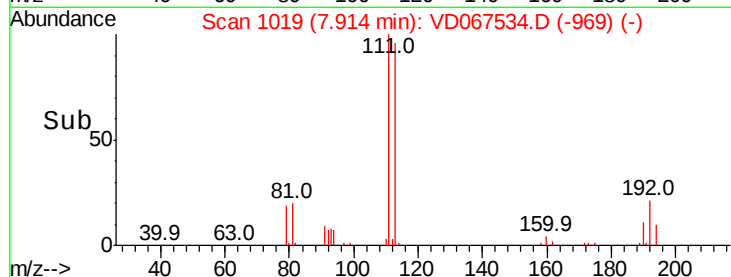
#35
 Dibromofluoromethane
 Concen: 52.435 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067534.D
 Acq: 05 Nov 2020 10:21

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:113 Resp: 167650
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.0 120.0
 192 20.8 16.3 24.5

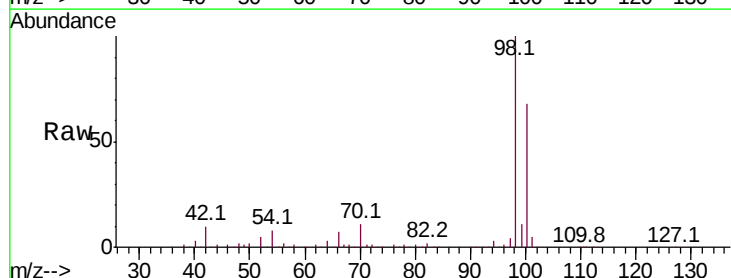


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

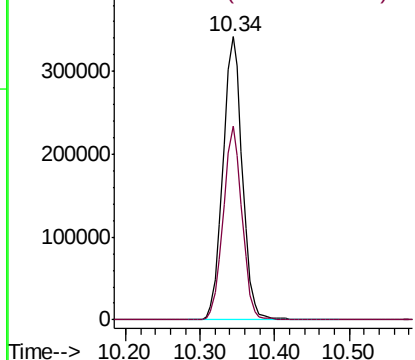
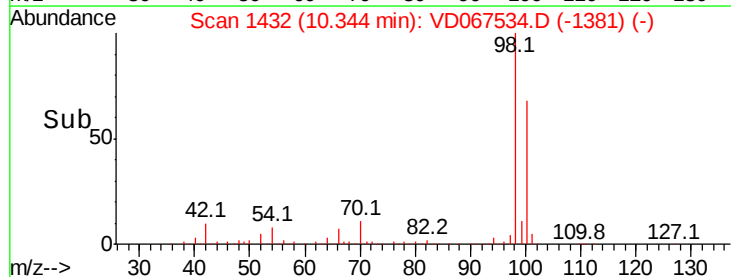


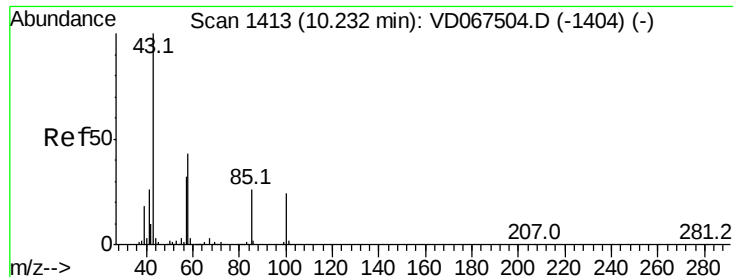
#50
 Toluene-d8
 Concen: 55.114 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067534.D
 Acq: 05 Nov 2020 10:21

Tgt Ion: 98 Resp: 619265
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.0 79.6



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: 2.296 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067534.D

Acq: 05 Nov 2020 10:21

Instrument :

MSVOA_D

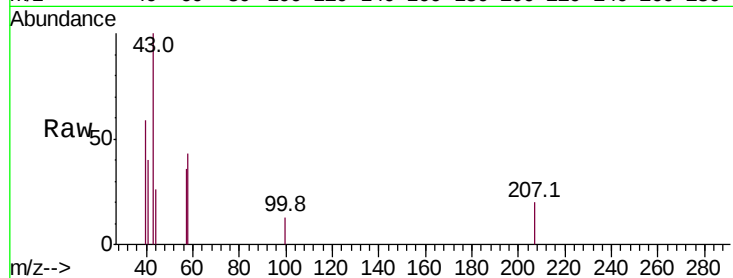
ClientSampled :

Tot Ion: 43 Resp: 2561

Ion Ratio Lower Upper

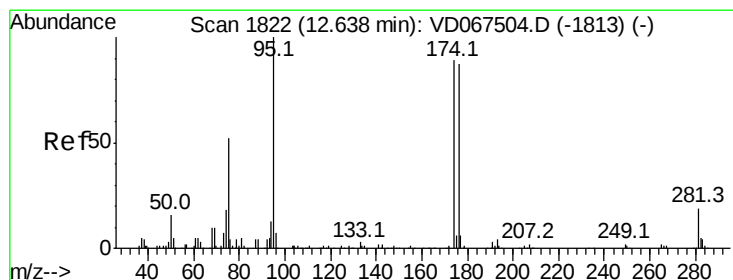
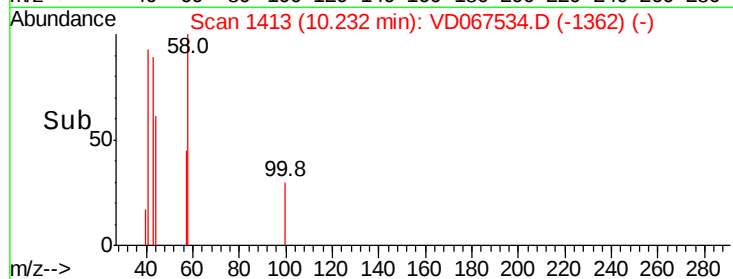
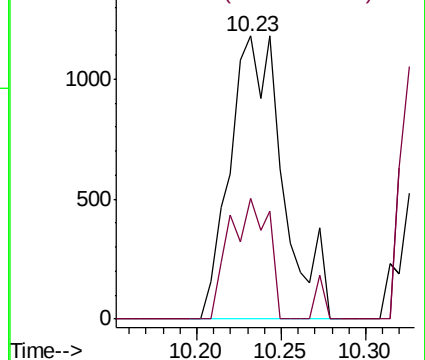
43 100

58 31.9 35.6 53.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 59.967 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067534.D

Acq: 05 Nov 2020 10:21

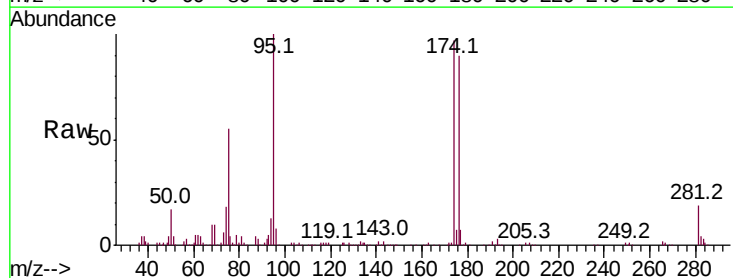
Tgt Ion: 95 Resp: 232622

Ion Ratio Lower Upper

95 100

174 91.6 0.0 177.8

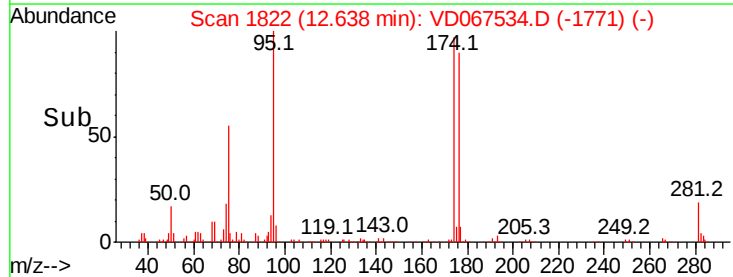
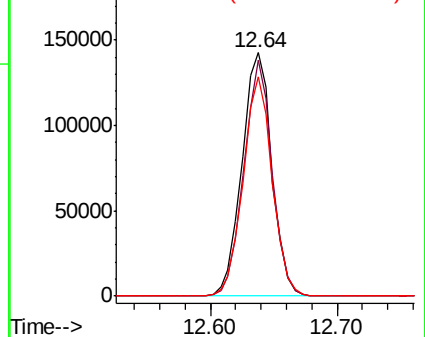
176 87.5 0.0 172.0

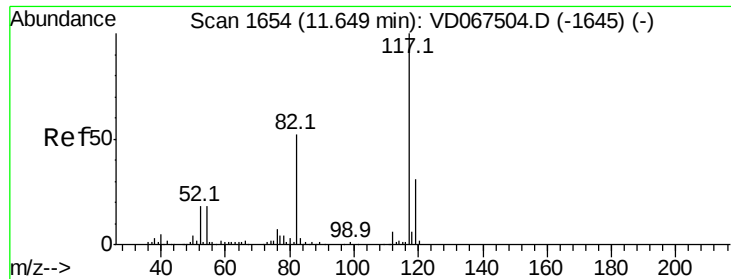


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

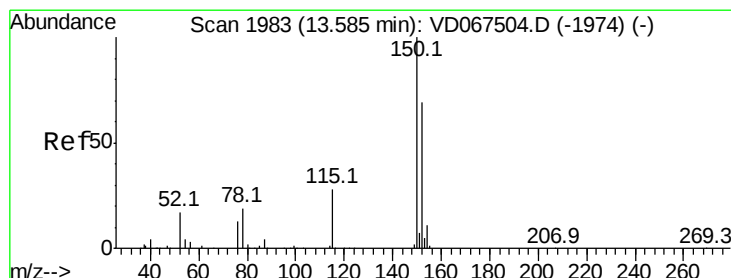
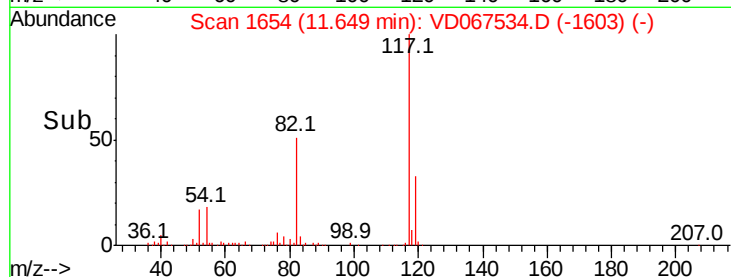
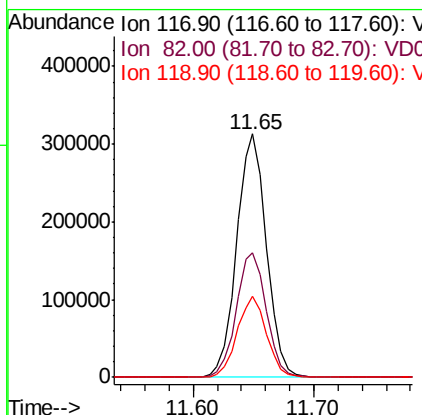
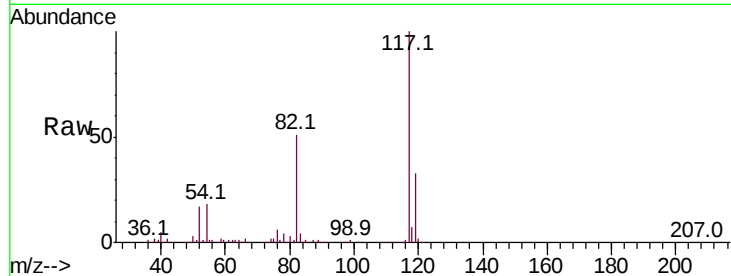




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067534.D
Acq: 05 Nov 2020 10:21

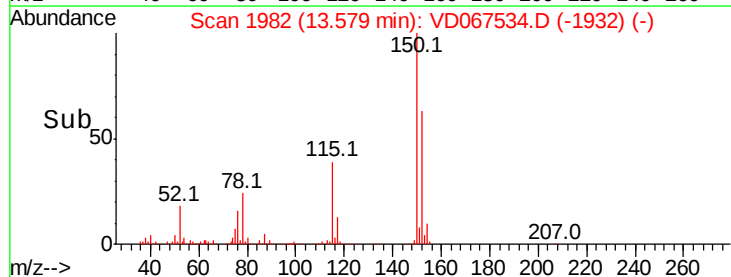
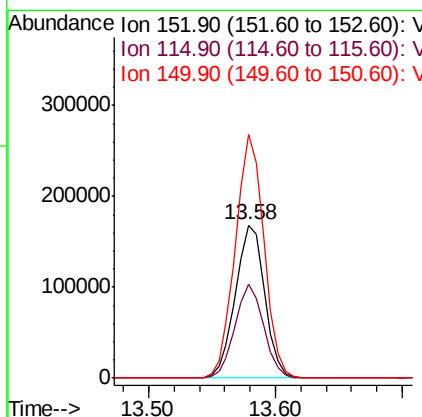
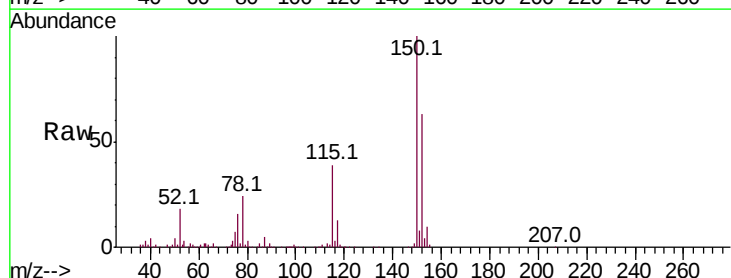
Instrument :
MSVOA_D
ClientSampled :

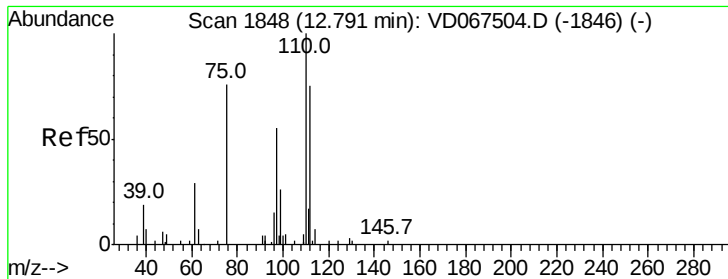
Tot Ion:117 Resp: 536801
Ion Ratio Lower Upper
117 100
82 50.9 41.6 62.4
119 33.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067534.D
Acq: 05 Nov 2020 10:21

Tgt Ion:152 Resp: 268868
Ion Ratio Lower Upper
152 100
115 60.4 29.3 88.0
150 155.9 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 76.302 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067534.D

Acq: 05 Nov 2020 10:21

Instrument :

MSVOA_D

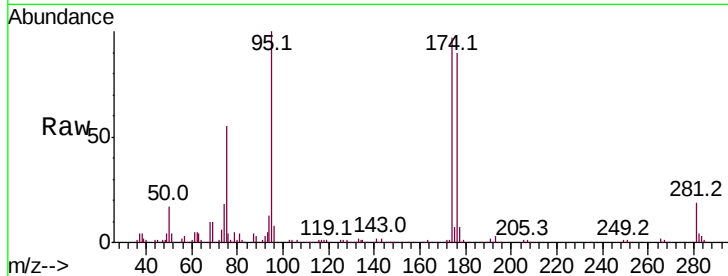
ClientSampleId :

Tot Ion: 75 Resp: 123759

Ion Ratio Lower Upper

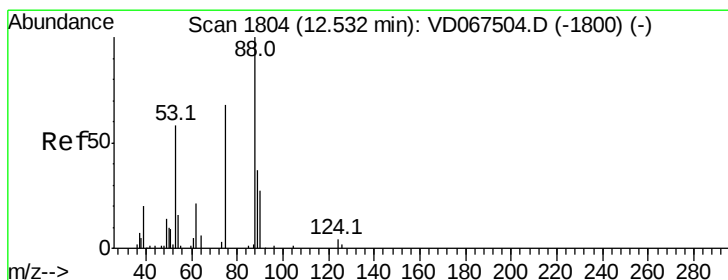
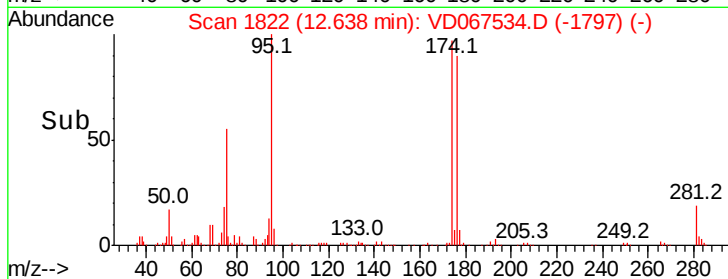
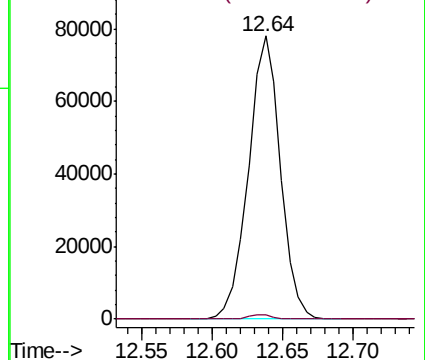
75 100

77 1.3 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: 154.913 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067534.D

Acq: 05 Nov 2020 10:21

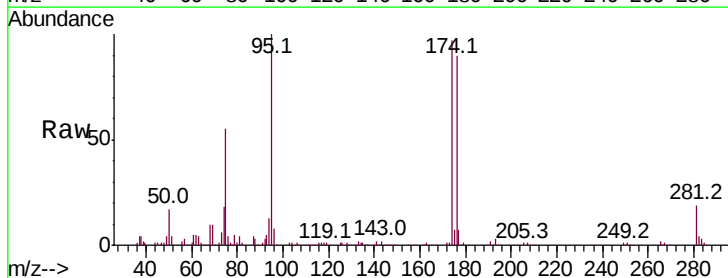
Tgt Ion: 75 Resp: 123759

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.3 44.6 67.0#



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

