

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102020\
 Data File : VD067314.D
 Acq On : 20 Oct 2020 10:39
 Operator : VA/SY
 Sample : VD1020SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1020SBL01

Quant Time: Oct 21 01:48:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	321201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	548926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	520959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	250804	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	178406	55.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.88%	
35) Dibromofluoromethane	7.92	113	175738	48.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.22%	
50) Toluene-d8	10.34	98	642048	48.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.64	95	225442	49.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.08%	

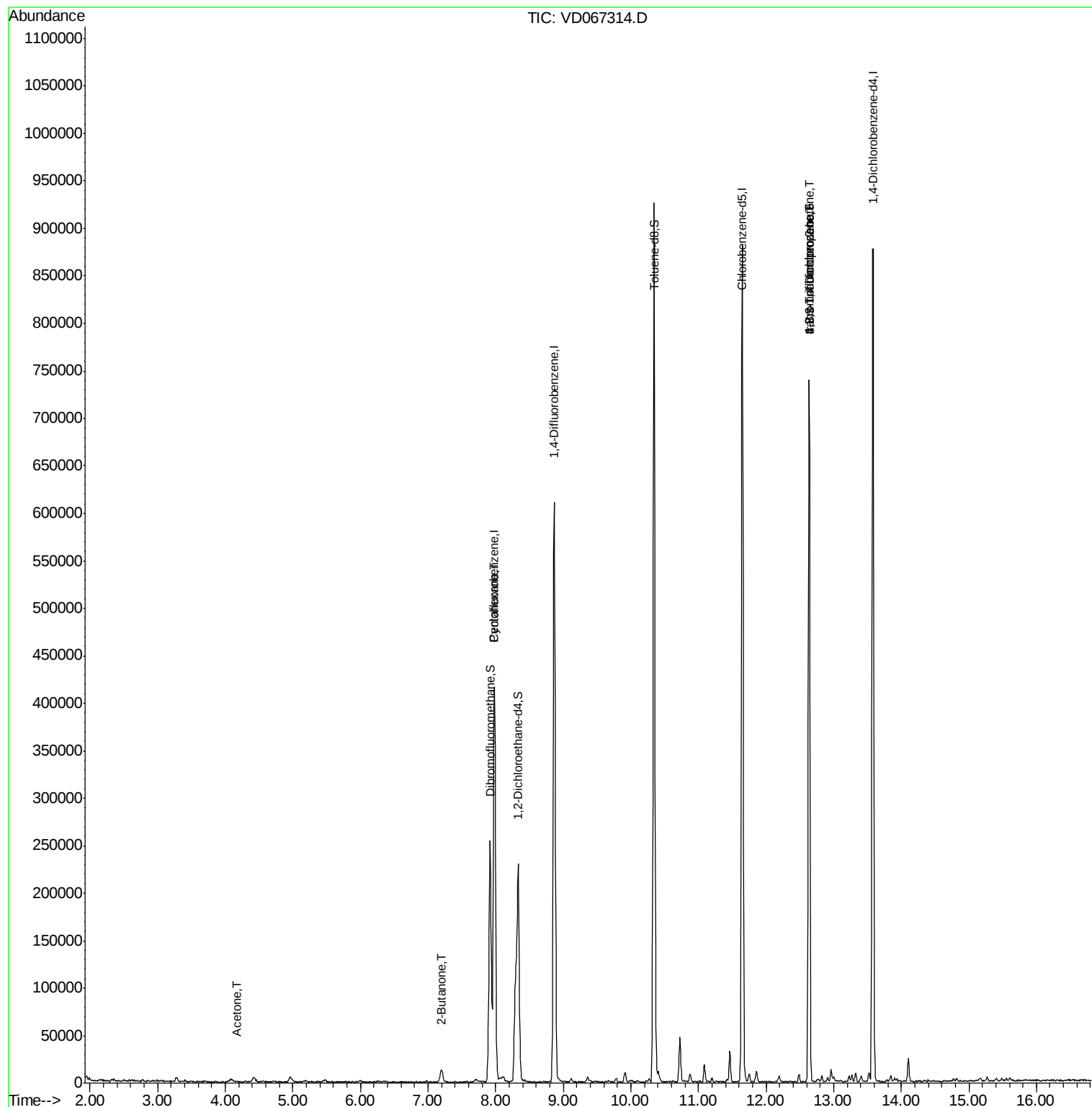
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	1635	Below Cal		97
5) Bromomethane	2.79	94	1301	Below Cal	#	79
11) Tert butyl alcohol	5.19	59	1705	Below Cal	#	81
16) Acetone	4.16	43	1497	3.322	ug/l #	76
20) Methylene Chloride	4.96	84	4580	Below Cal	#	86
25) 2-Butanone	7.21	43	866	1.686	ug/l #	45
31) Cyclohexane	7.98	56	7386	1.993	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	115853	66.647	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	115853	151.135	ug/l #	10

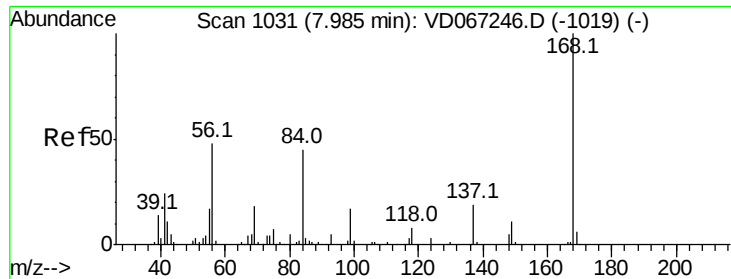
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102020\
Data File : VD067314.D
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Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA D/SOIL
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Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 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: VD067314.D

Acq: 20 Oct 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

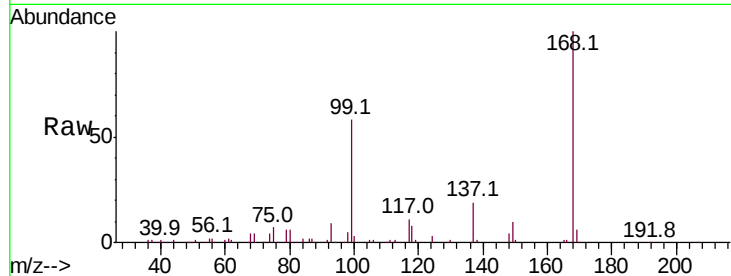
VD1020SBL01

Tot Ion:168 Resp: 321201

Ion Ratio Lower Upper

168 100

99 57.4 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

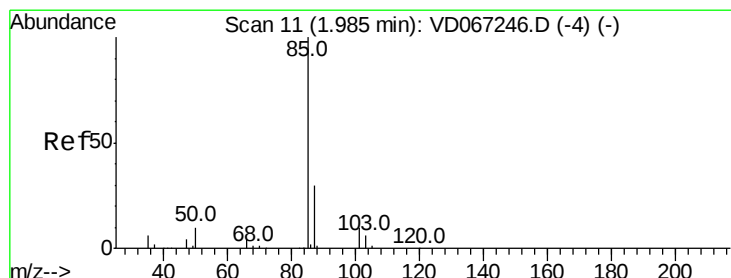
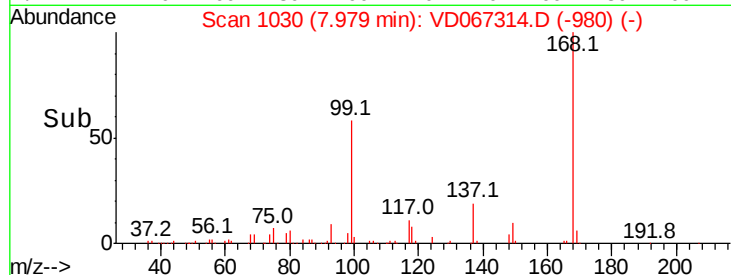
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067314.D

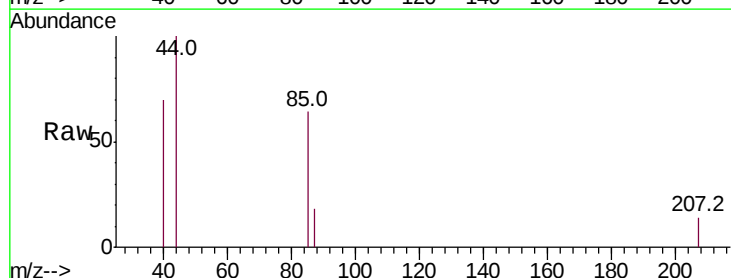
Acq: 20 Oct 2020 10:39

Tgt Ion: 85 Resp: 1635

Ion Ratio Lower Upper

85 100

87 28.8 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

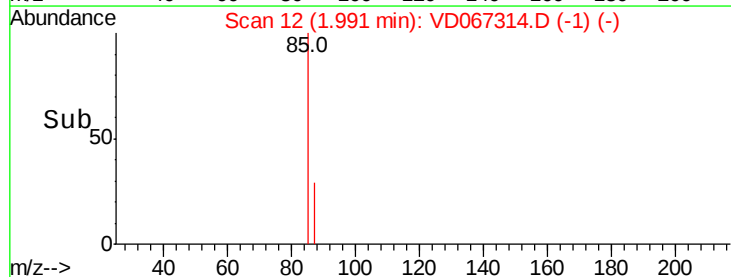
1500

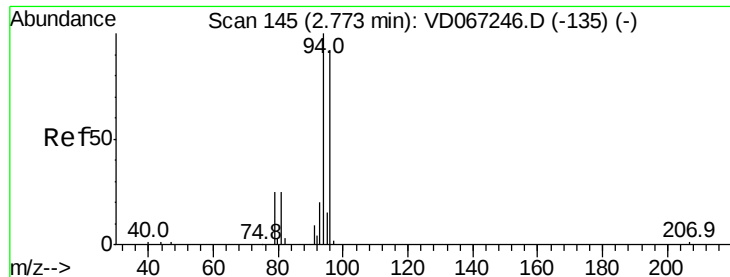
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD067314.D

Acq: 20 Oct 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

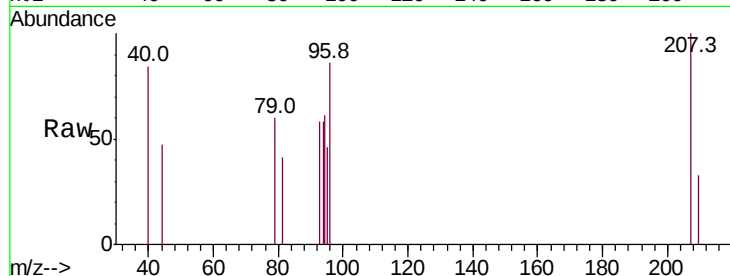
VD1020SBL01

Tot Ion: 94 Resp: 1301

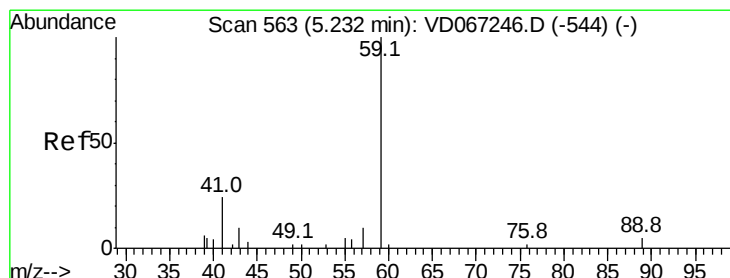
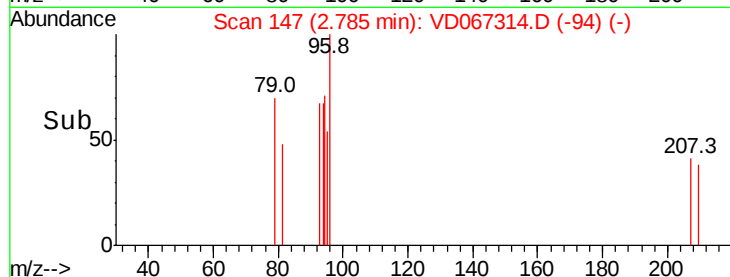
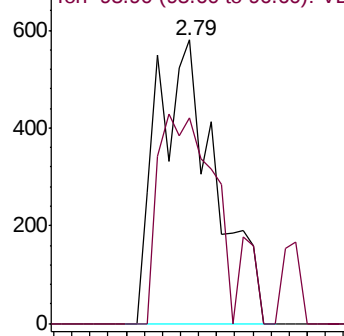
Ion Ratio Lower Upper

94 100

96 72.4 73.8 110.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 556

Delta R.T. -0.04 min

Lab File: VD067314.D

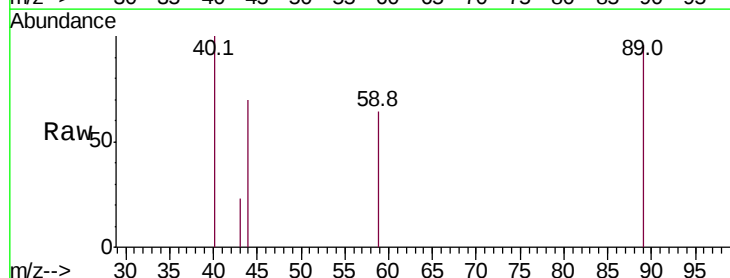
Acq: 20 Oct 2020 10:39

Tgt Ion: 59 Resp: 1705

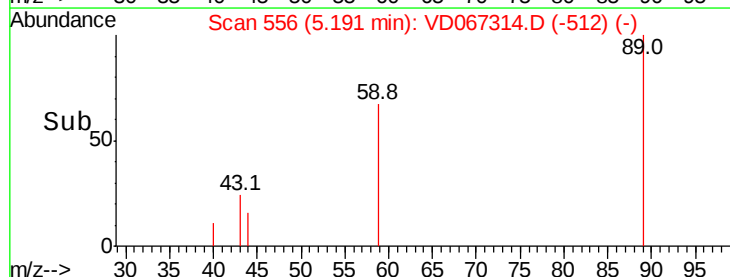
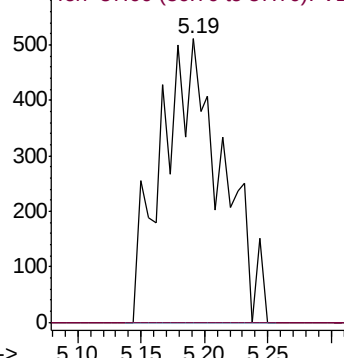
Ion Ratio Lower Upper

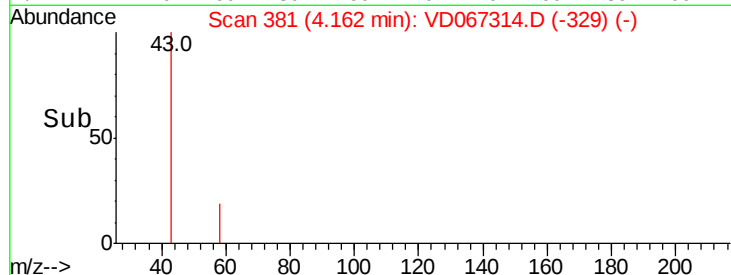
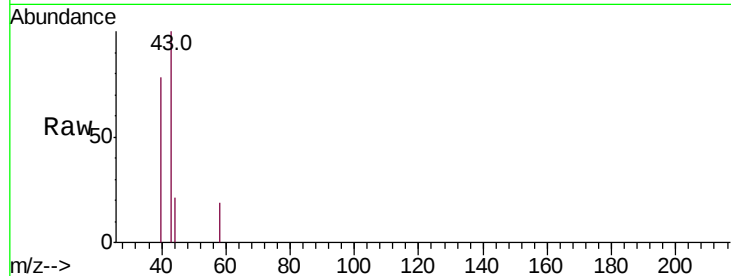
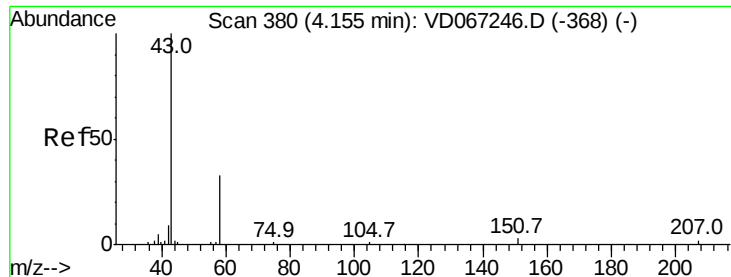
59 100

57 0.0 5.1 7.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC





#16

Acetone

Concen: 3.322 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067314.D

Acq: 20 Oct 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

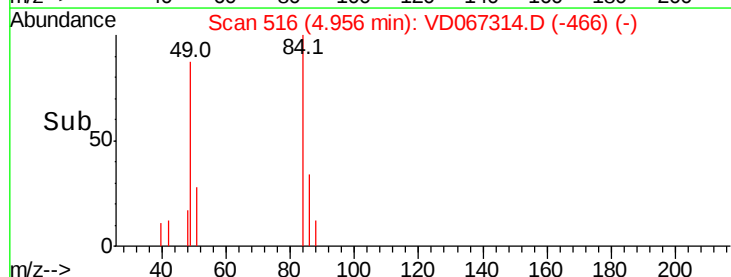
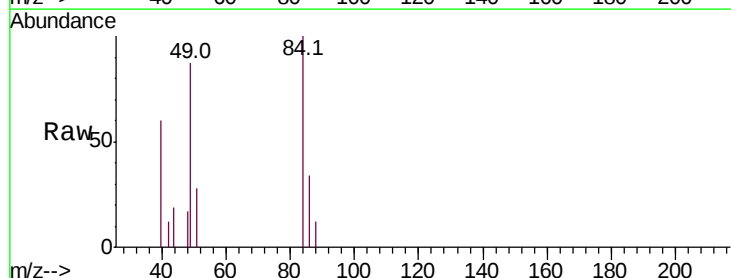
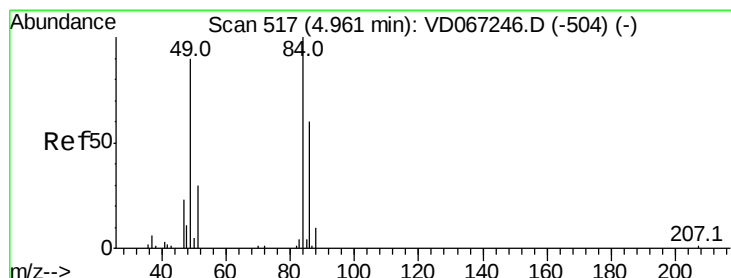
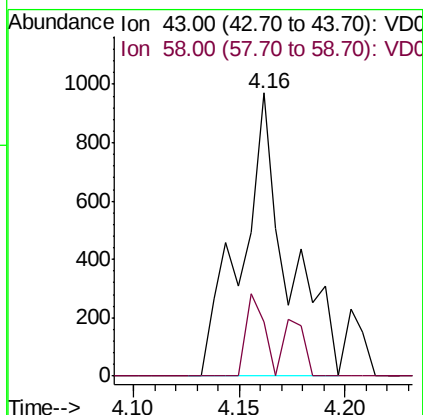
VD1020SBL01

Tot Ion: 43 Resp: 1497

Ion Ratio Lower Upper

43 100

58 19.4 26.1 39.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD067314.D

Acq: 20 Oct 2020 10:39

Tgt Ion: 84 Resp: 4580

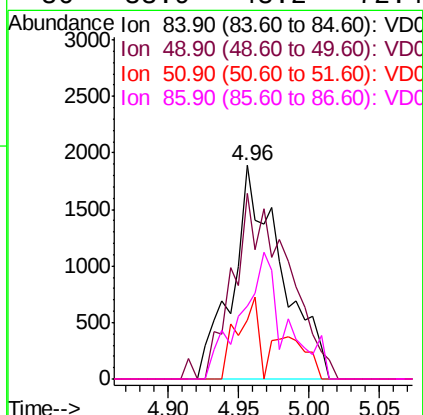
Ion Ratio Lower Upper

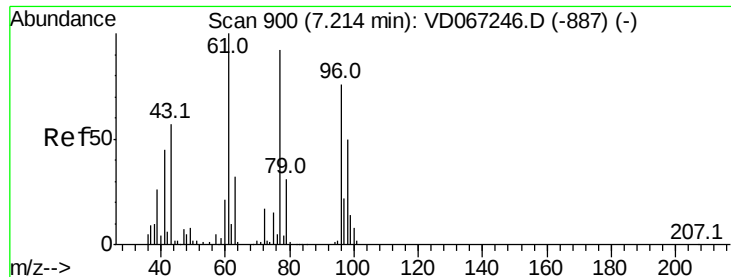
84 100

49 86.6 72.2 108.2

51 27.7 23.8 35.8

86 33.9 48.2 72.4#





#25

2-Butanone

Concen: 1.686 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067314.D

Acq: 20 Oct 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

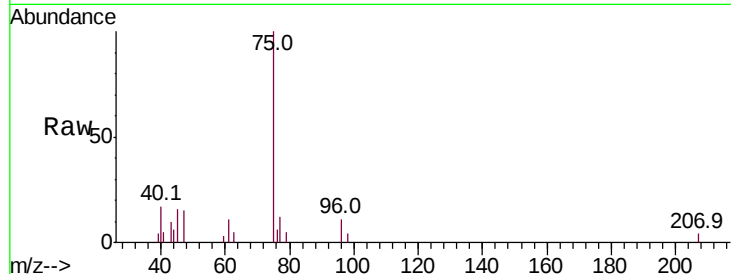
VD1020SBL01

Tot Ion: 43 Resp: 866

Ion Ratio Lower Upper

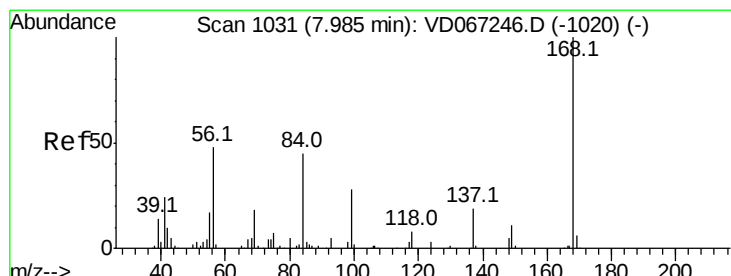
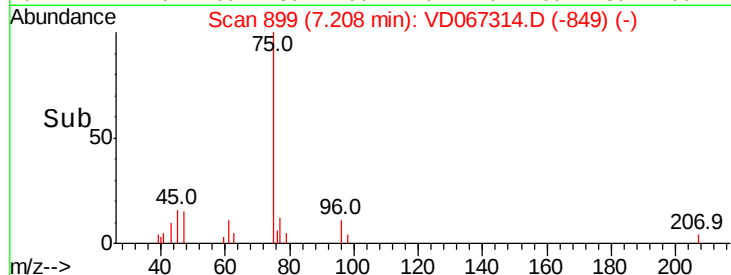
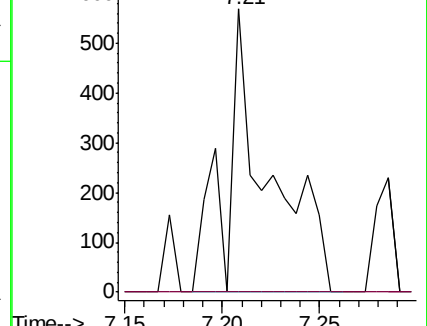
43 100

72 0.0 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.993 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067314.D

Acq: 20 Oct 2020 10:39

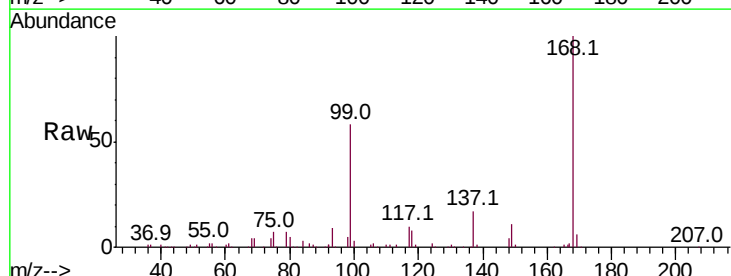
Tgt Ion: 56 Resp: 7386

Ion Ratio Lower Upper

56 100

69 169.6 29.8 44.6#

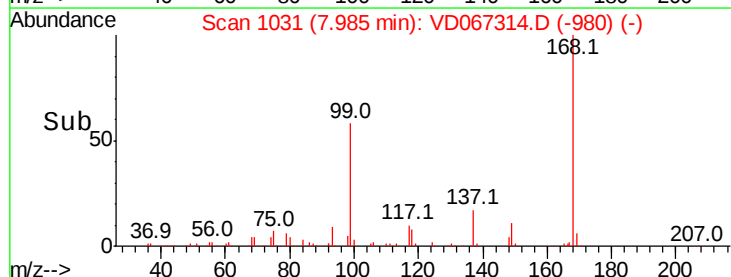
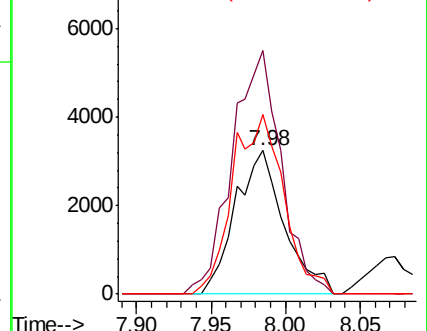
84 124.7 76.6 114.8#

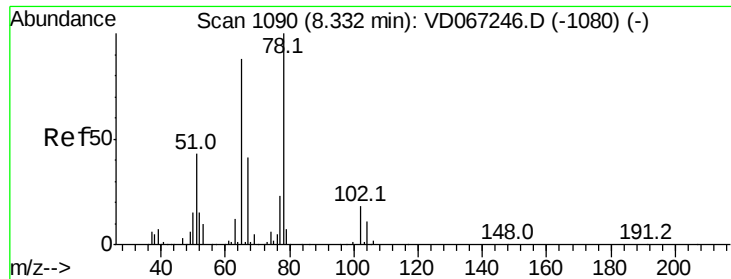


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 55.441 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067314.D

Acq: 20 Oct 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

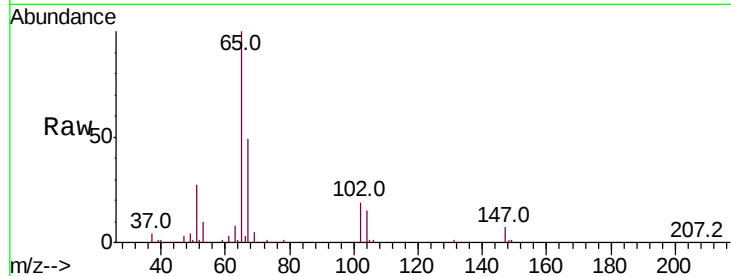
VD1020SBL01

Tot Ion: 65 Resp: 178406

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.8

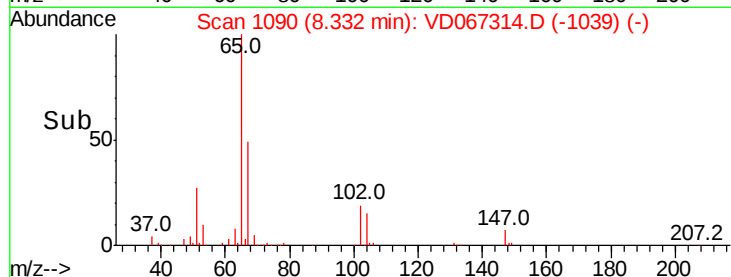


Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

Time-->



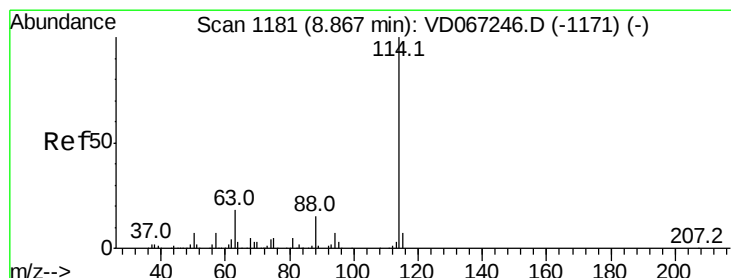
Abundance

Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067314.D

Acq: 20 Oct 2020 10:39

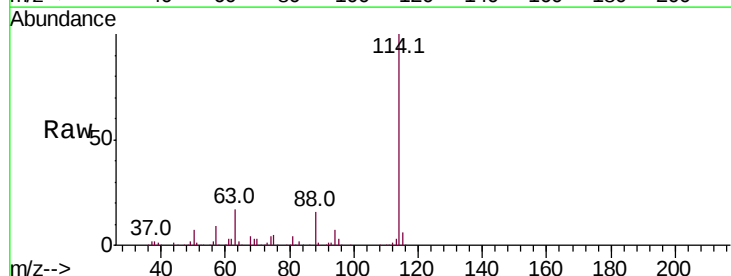
Tgt Ion:114 Resp: 548926

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 16.2 0.0 30.6



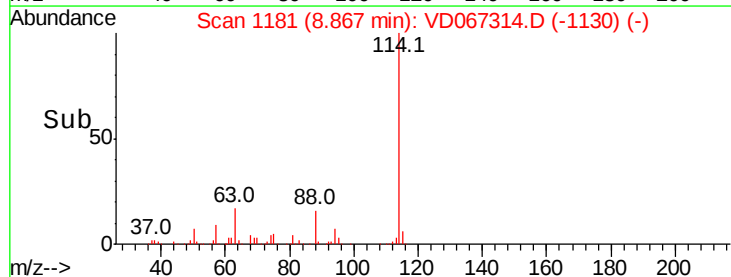
Abundance Ion 113.90 (113.60 to 114.60): V

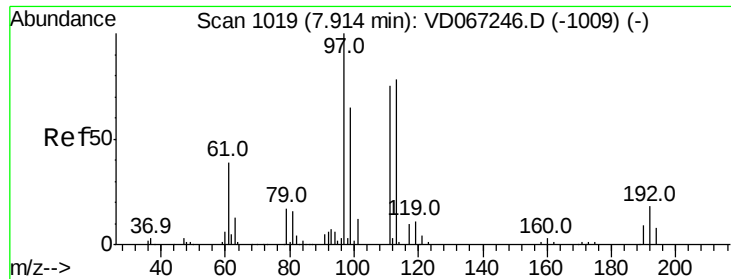
Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

Time-->

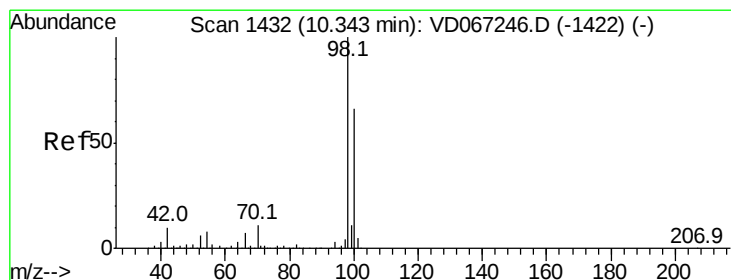
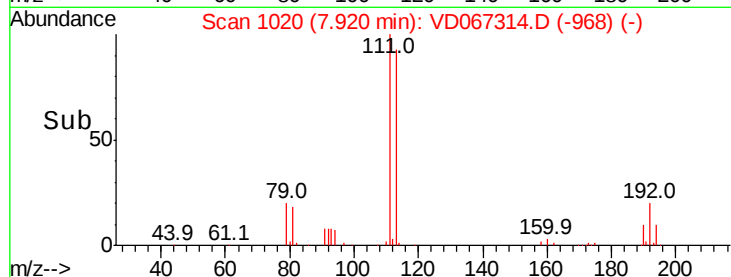
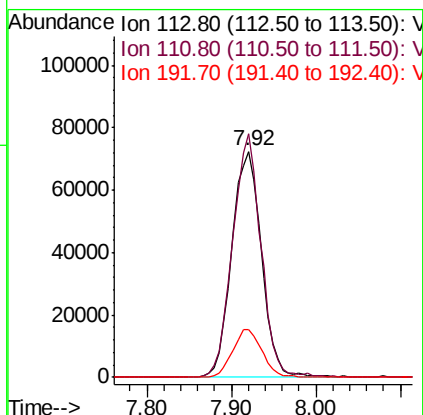
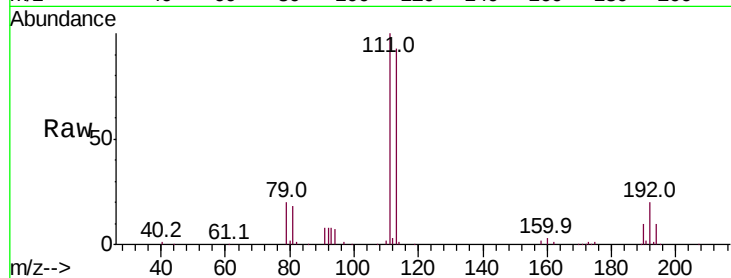




#35
 Dibromofluoromethane
 Concen: 48.106 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067314.D
 Acq: 20 Oct 2020 10:39

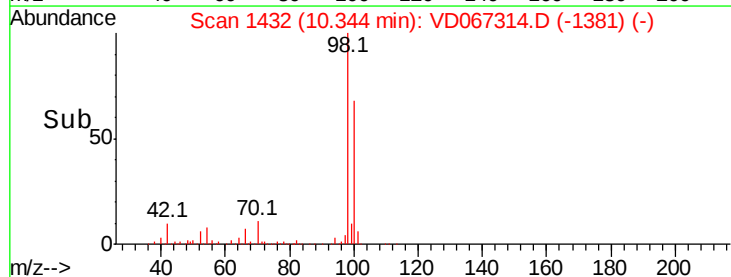
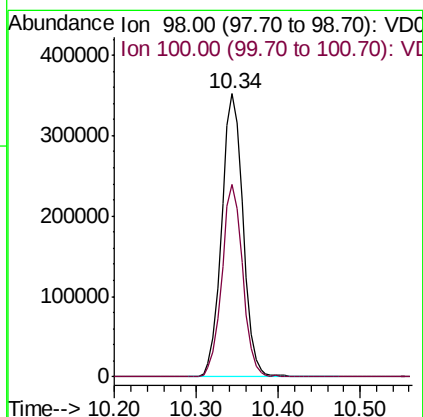
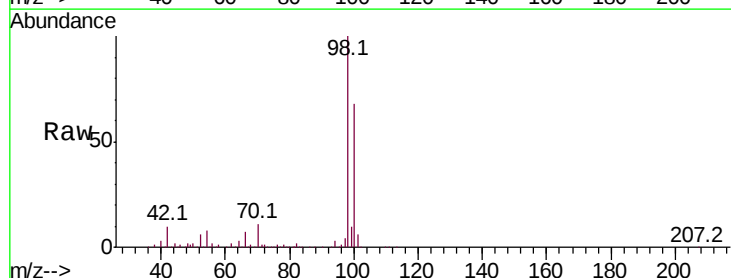
Instrument :
 MSVOA_D
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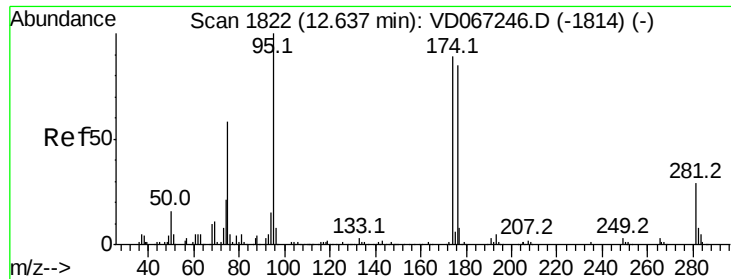
Tot Ion:113 Resp: 175738
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.6 122.4
 192 21.1 17.0 25.4



#50
 Toluene-d8
 Concen: 48.565 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067314.D
 Acq: 20 Oct 2020 10:39

Tgt Ion: 98 Resp: 642048
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.1 79.7

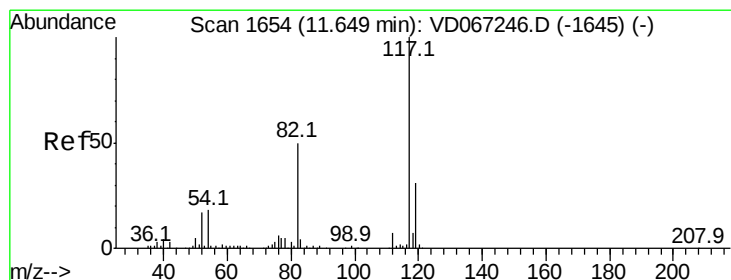
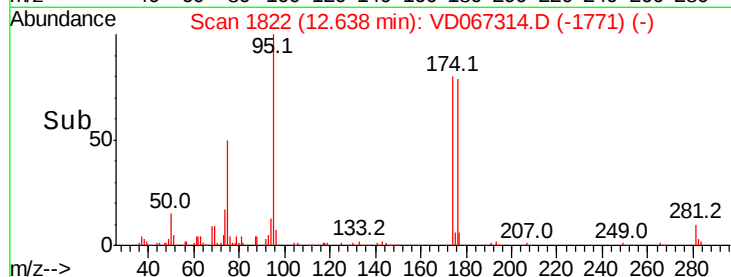
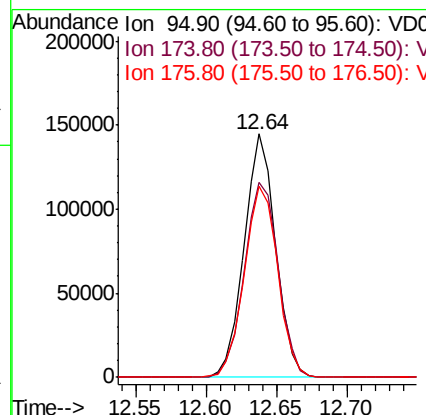
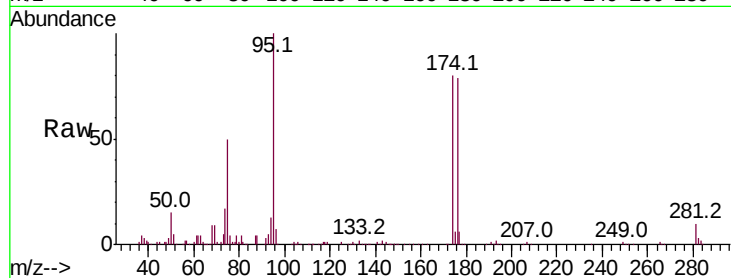




#62
4-Bromofluorobenzene
Concen: 49.041 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067314.D
Acq: 20 Oct 2020 10:39

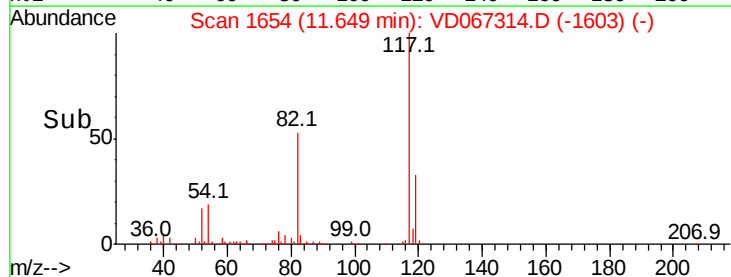
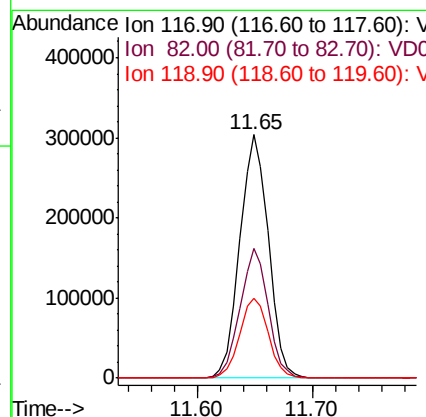
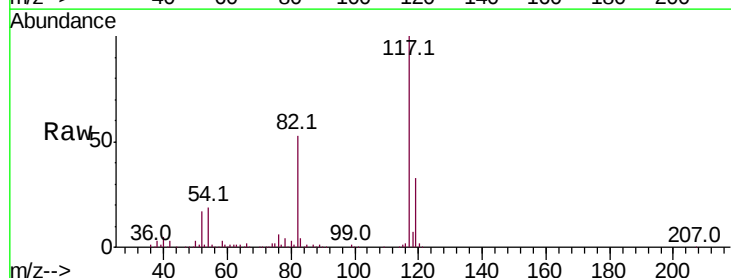
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBL01

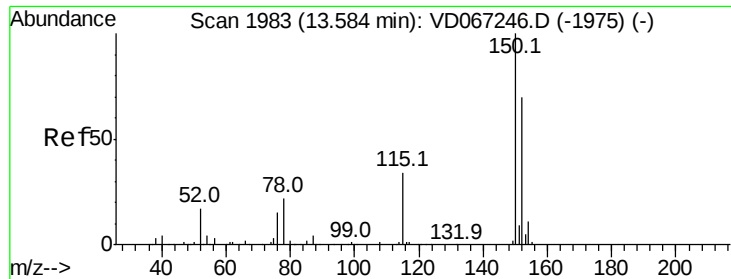
Tot Ion: 95 Resp: 225442
Ion Ratio Lower Upper
95 100
174 86.7 0.0 175.2
176 83.7 0.0 168.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067314.D
Acq: 20 Oct 2020 10:39

Tgt Ion: 117 Resp: 520959
Ion Ratio Lower Upper
117 100
82 53.4 39.9 59.9
119 32.6 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD067314.D

Acq: 20 Oct 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBL01

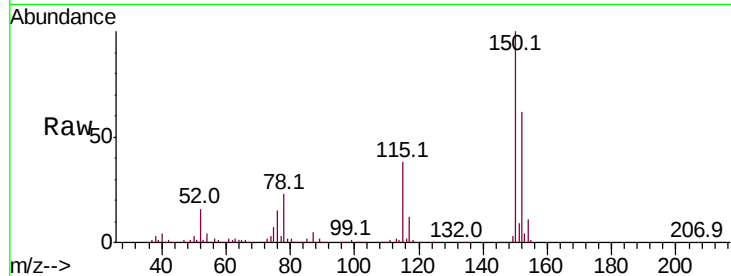
Tot Ion:152 Resp: 250804

Ion Ratio Lower Upper

152 100

115 60.0 29.3 87.9

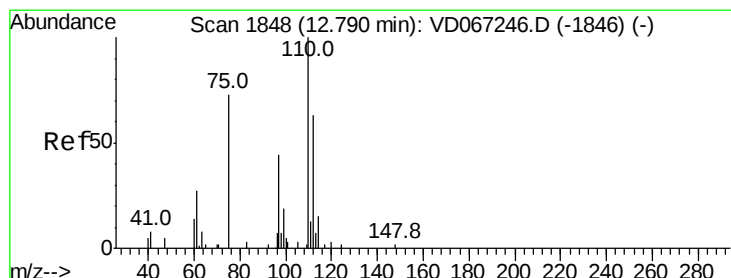
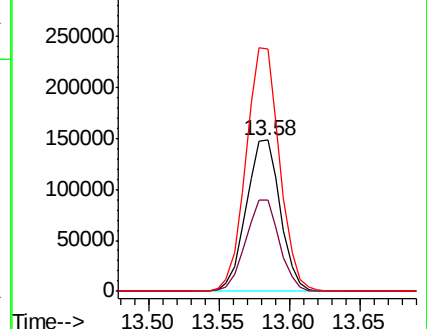
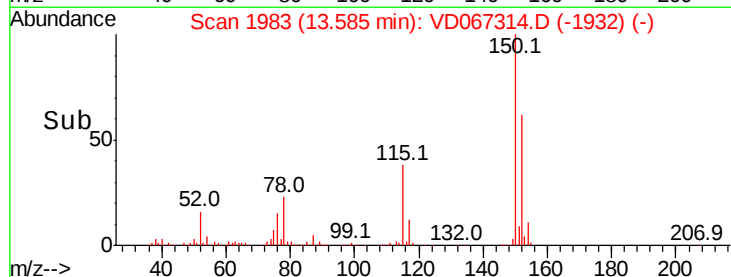
150 158.4 0.0 339.0



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: 66.647 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067314.D

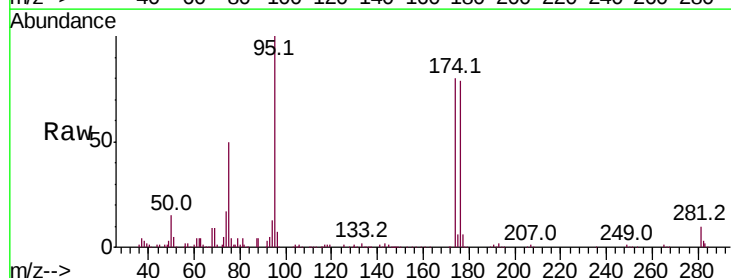
Acq: 20 Oct 2020 10:39

Tgt Ion: 75 Resp: 115853

Ion Ratio Lower Upper

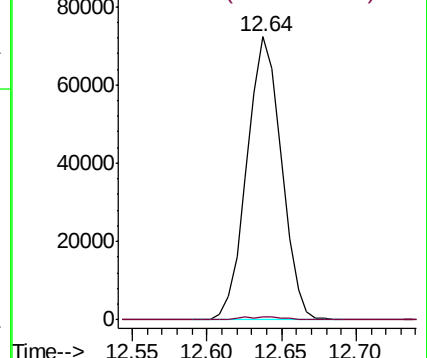
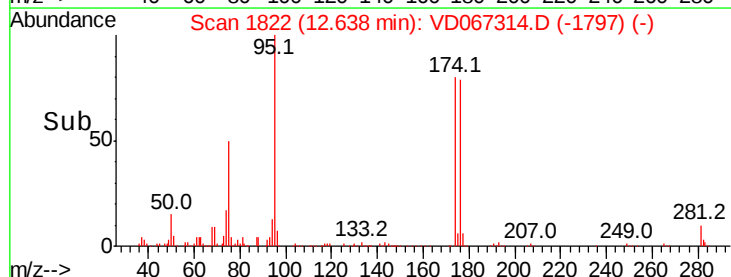
75 100

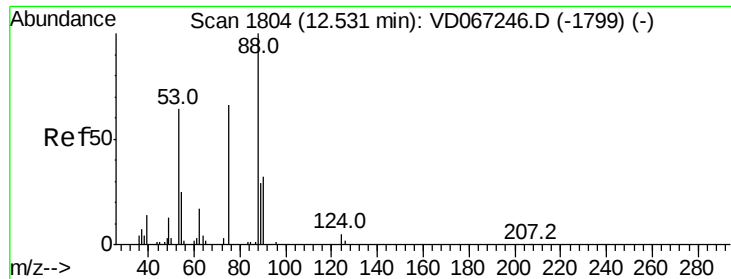
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 151.135 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067314.D

Acq: 20 Oct 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBL01

Tot Ion: 75 Resp: 115853

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.0 39.9 59.9#

