

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100220\
 Data File : VD067031.D
 Acq On : 02 Oct 2020 13:15
 Operator : VA/SY
 Sample : L3865-01
 Misc : 8.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-093020

Quant Time: Oct 05 12:17:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

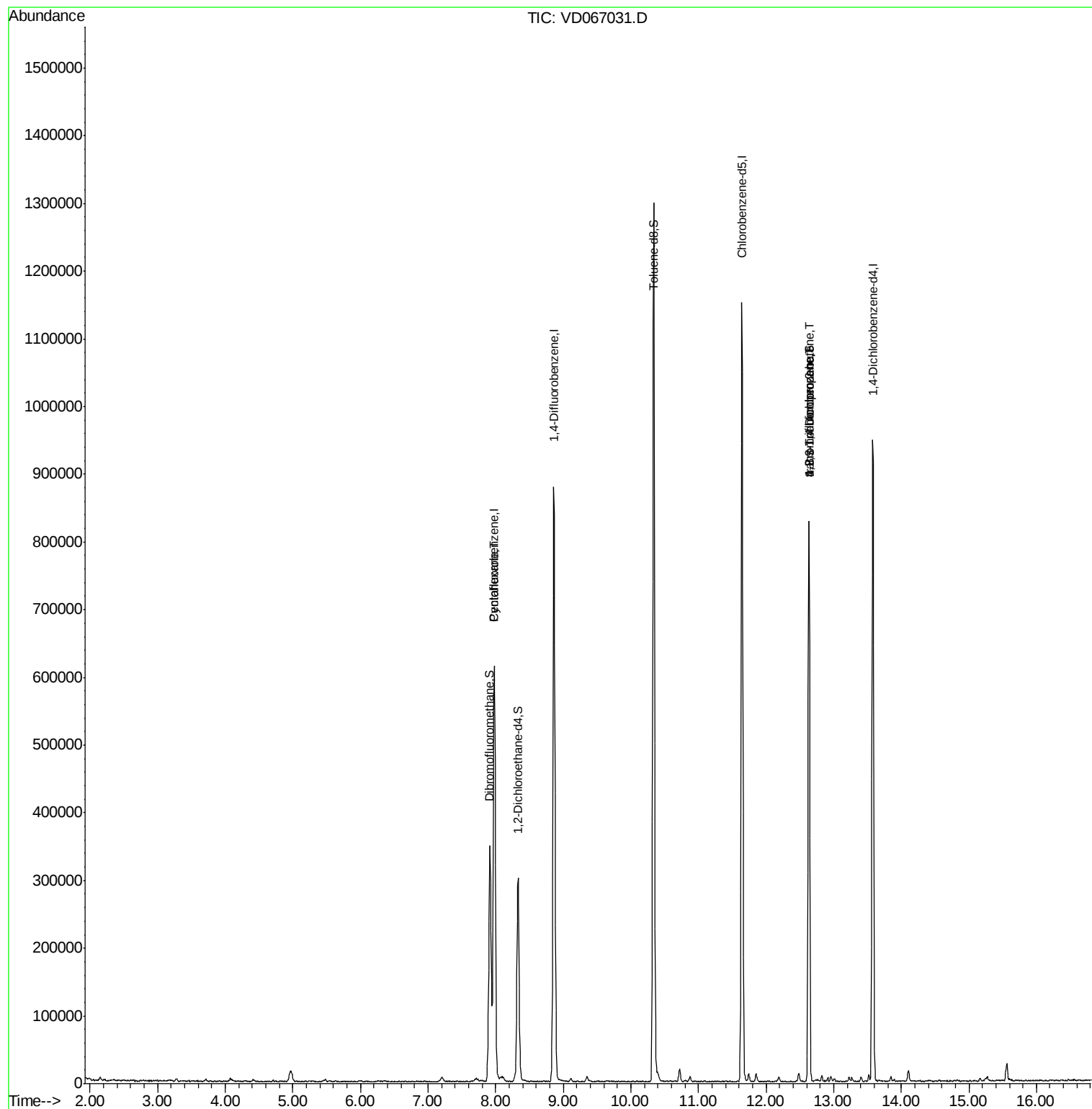
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	460445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	777471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	683910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	264329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	242693	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.44%	
35) Dibromofluoromethane	7.91	113	254030	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	10.34	98	897350	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	12.63	95	270753	43.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.00%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	1810	Below Cal		88
5) Bromomethane	2.77	94	1285	Below Cal		83
11) Tert butyl alcohol	5.21	59	71	Below Cal	#	72
20) Methylene Chloride	4.97	84	12697	Below Cal	#	86
26) 2,2-Dichloropropane	7.21	77	2047	Below Cal	#	62
31) Cyclohexane	7.98	56	10931	1.641	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	136981	59.495	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	136981	148.329	ug/l #	12

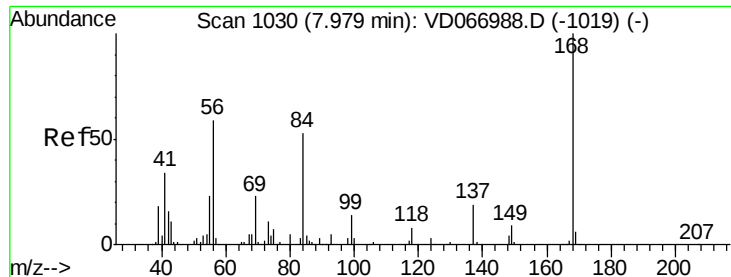
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD100220\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067031.D

Acq: 02 Oct 2020 13:15

Instrument :

MSVOA_D

ClientSampleId :

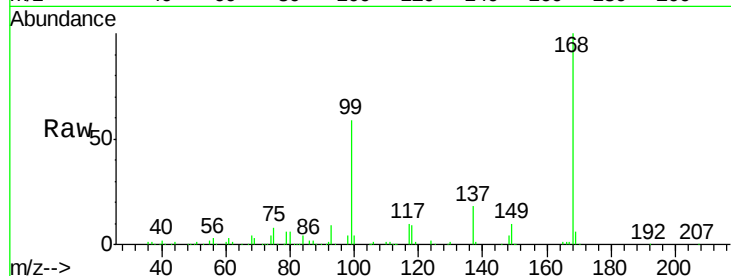
NB-08-093020

Tgt Ion:168 Resp: 460445

Ion Ratio Lower Upper

168 100

99 59.2 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

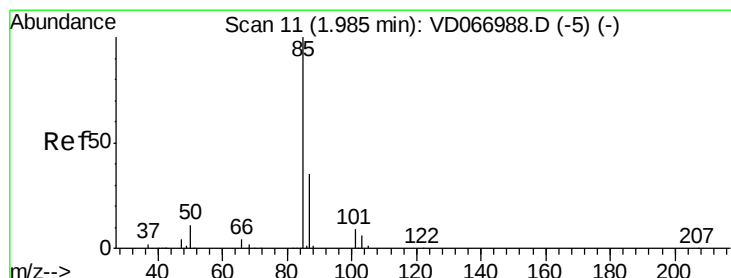
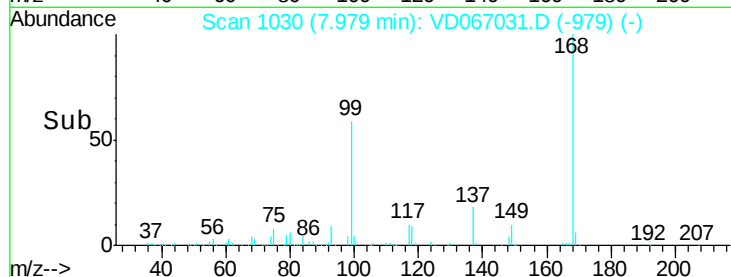
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067031.D

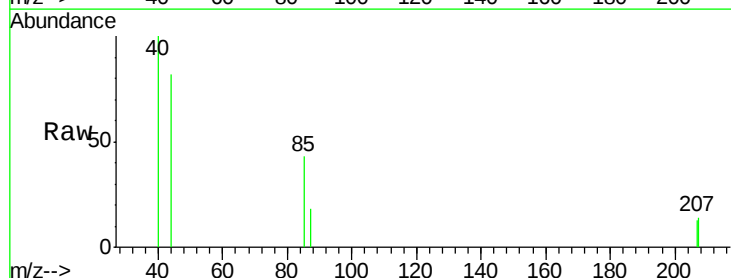
Acq: 02 Oct 2020 13:15

Tgt Ion: 85 Resp: 1810

Ion Ratio Lower Upper

85 100

87 41.7 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

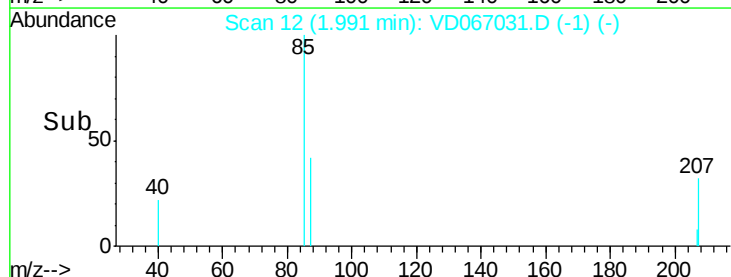
1.99

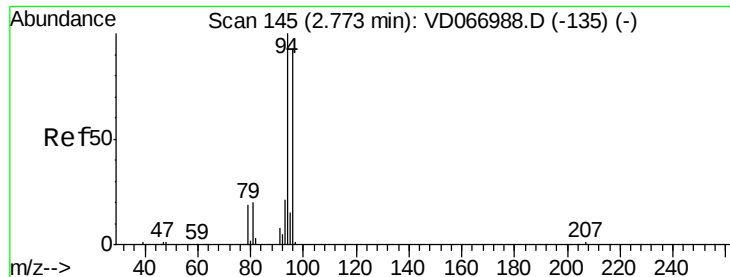
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067031.D

Acq: 02 Oct 2020 13:15

Instrument :

MSVOA_D

ClientSampleId :

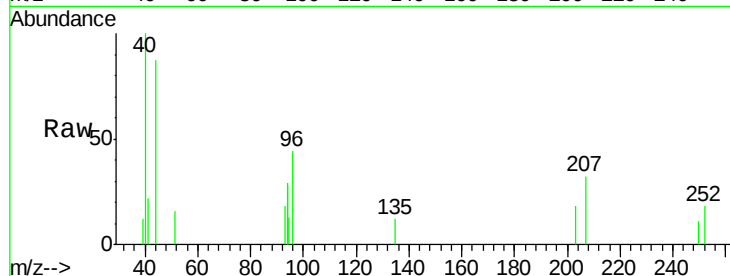
NB-08-093020

Tgt Ion: 94 Resp: 1285

Ion Ratio Lower Upper

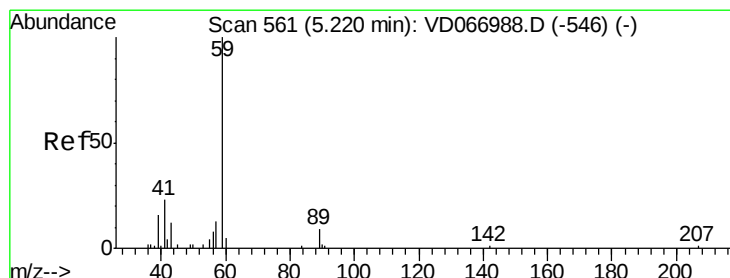
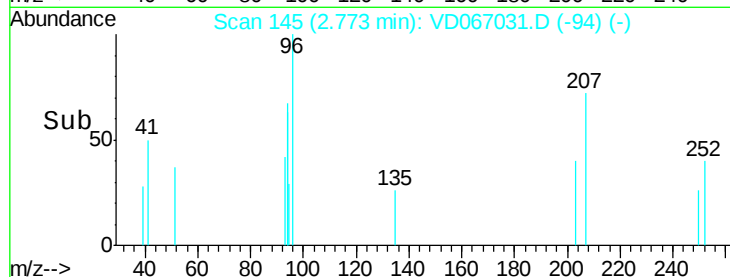
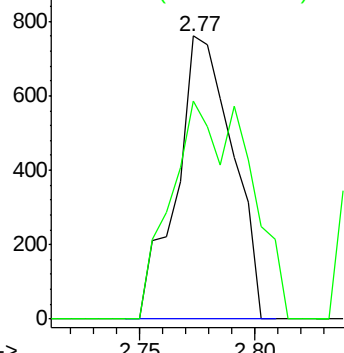
94 100

96 76.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD067031.D

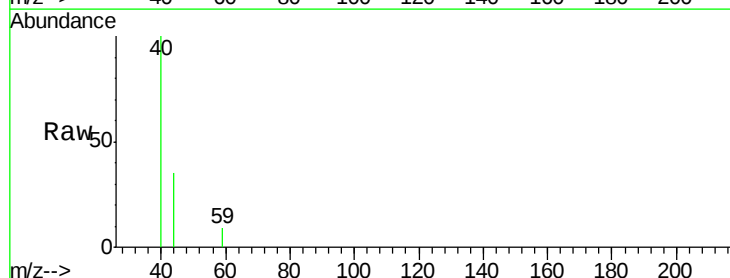
Acq: 02 Oct 2020 13:15

Tgt Ion: 59 Resp: 71

Ion Ratio Lower Upper

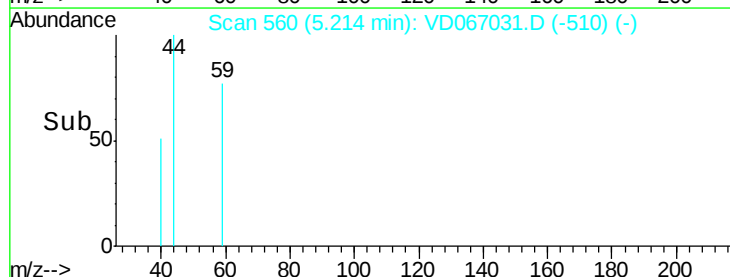
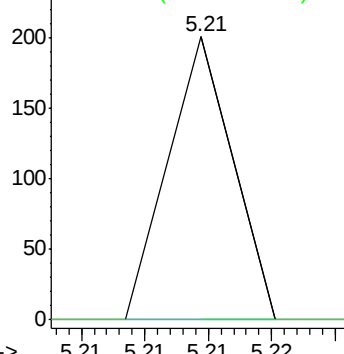
59 100

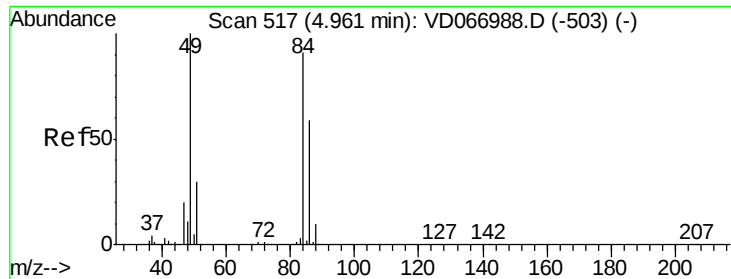
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

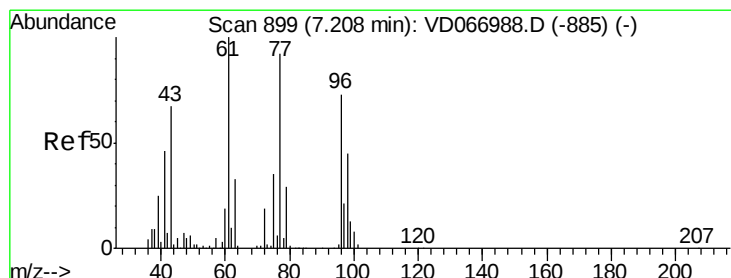
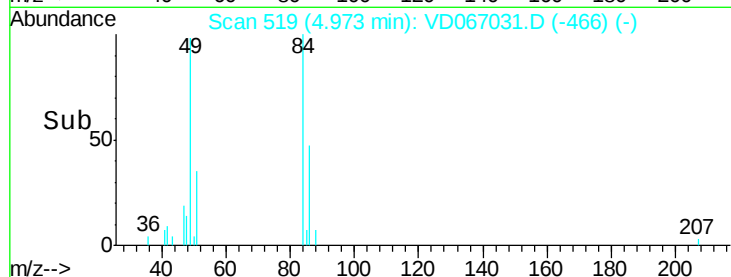
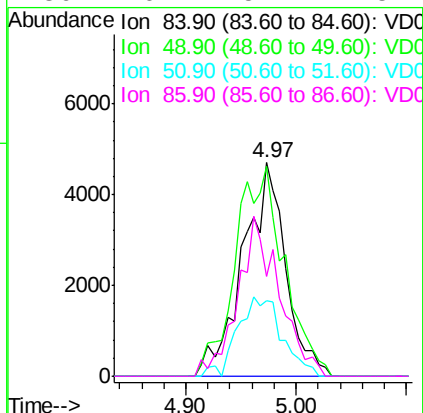
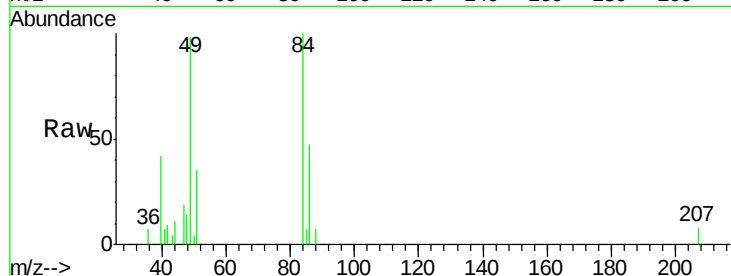




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067031.D
Acq: 02 Oct 2020 13:15

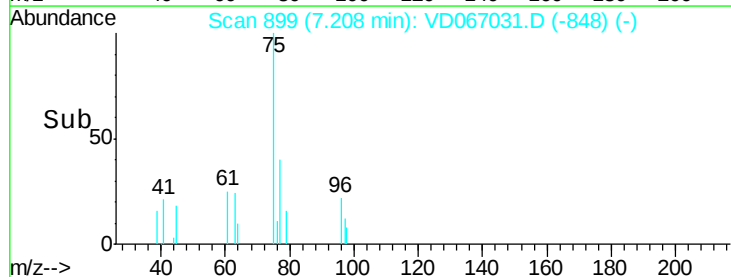
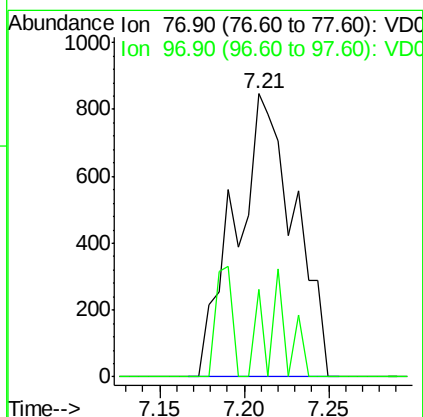
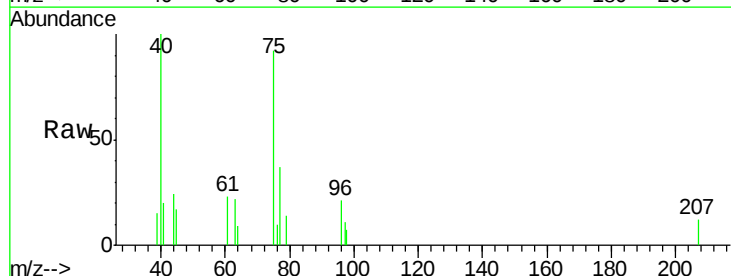
Instrument :
MSVOA_D
ClientSampleId :
NB-08-093020

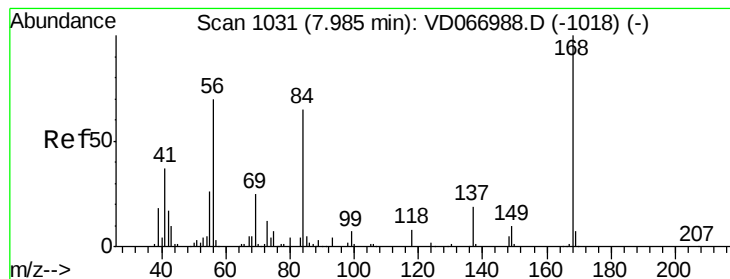
Tgt Ion: 84 Resp: 12697
Ion Ratio Lower Upper
84 100
49 98.1 88.2 132.2
51 35.5 26.6 39.8
86 46.7 52.1 78.1#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067031.D
Acq: 02 Oct 2020 13:15

Tgt Ion: 77 Resp: 2047
Ion Ratio Lower Upper
77 100
97 4.5 11.4 34.2#





#31

Cyclohexane

Concen: 1.641 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067031.D

Acq: 02 Oct 2020 13:15

Instrument :

MSVOA_D

ClientSampleId :

NB-08-093020

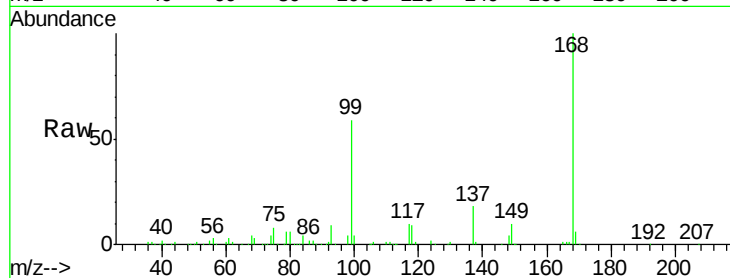
Tgt Ion: 56 Resp: 10931

Ion Ratio Lower Upper

56 100

69 136.1 29.0 43.6#

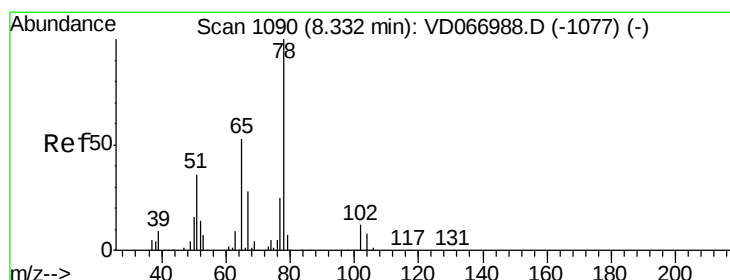
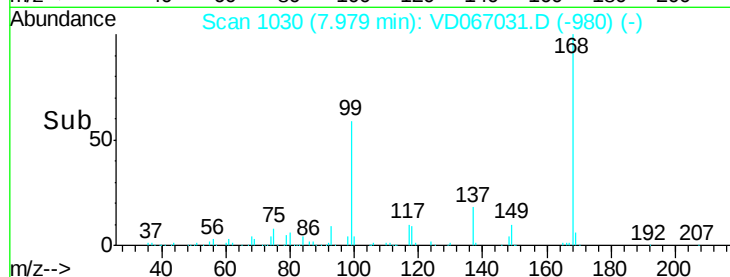
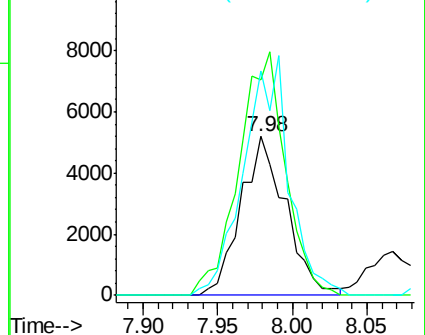
84 141.2 74.2 111.2#



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: 54.722 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD067031.D

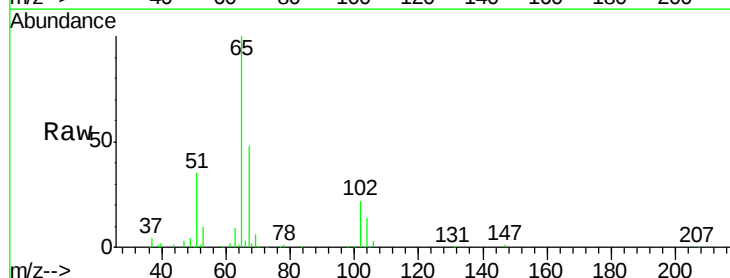
Acq: 02 Oct 2020 13:15

Tgt Ion: 65 Resp: 242693

Ion Ratio Lower Upper

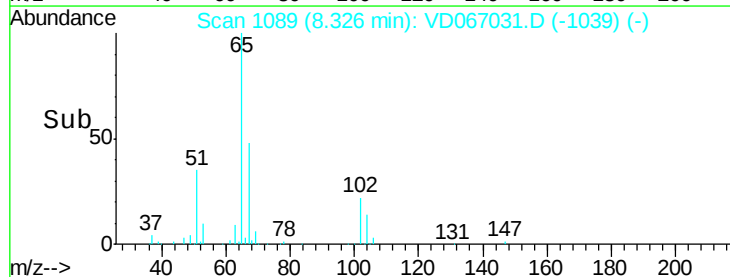
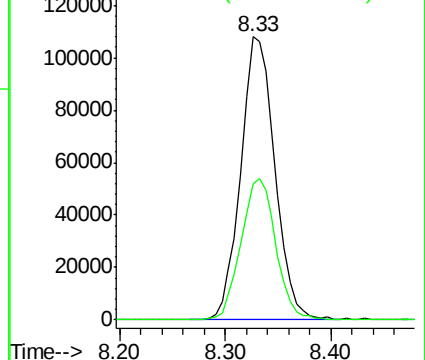
65 100

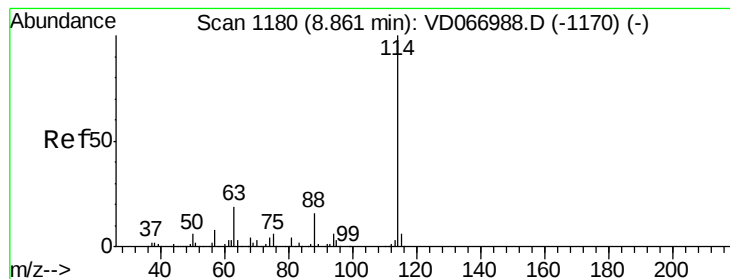
67 51.0 0.0 106.8



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: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067031.D

Acq: 02 Oct 2020 13:15

Instrument :

MSVOA_D

ClientSampleId :

NB-08-093020

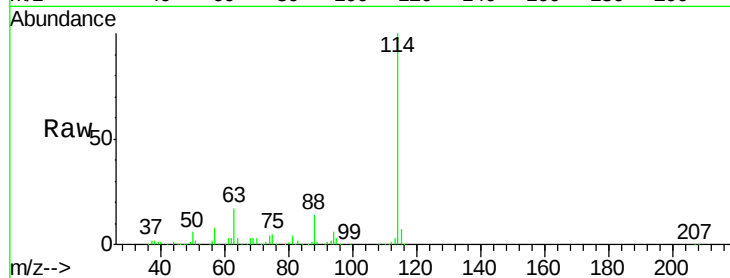
Tgt Ion:114 Resp: 777471

Ion Ratio Lower Upper

114 100

63 17.2 0.0 38.4

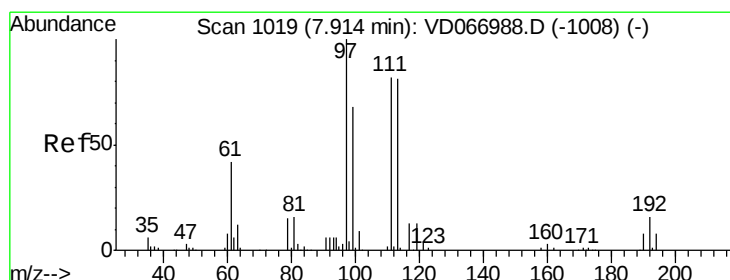
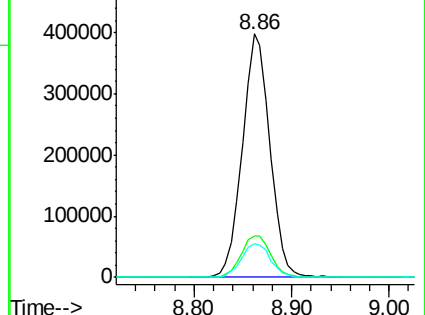
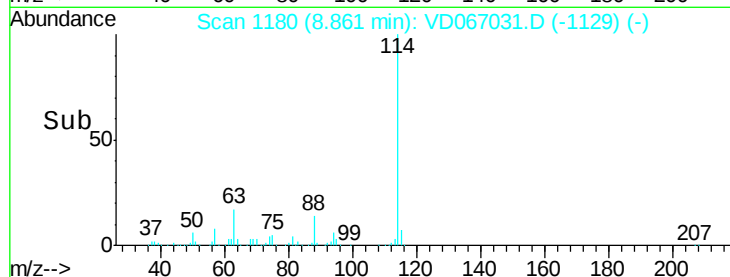
88 14.0 0.0 31.2



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: 49.908 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067031.D

Acq: 02 Oct 2020 13:15

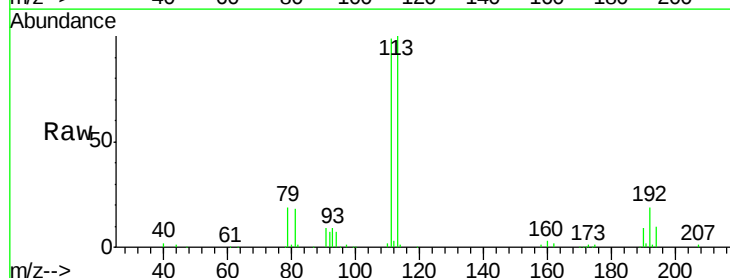
Tgt Ion:113 Resp: 254030

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

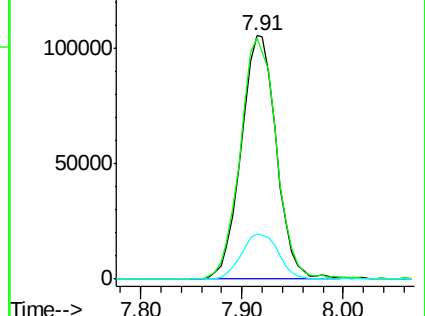
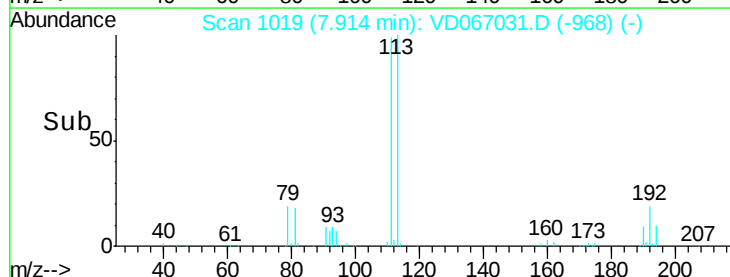
192 19.5 15.5 23.3

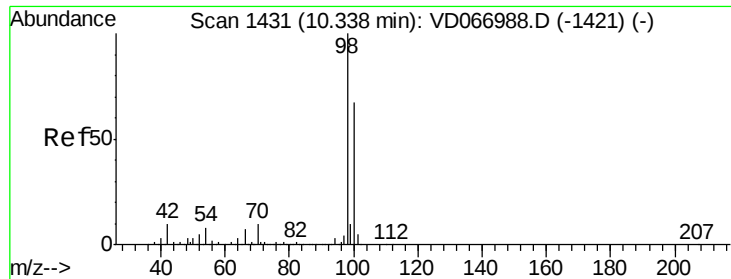


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

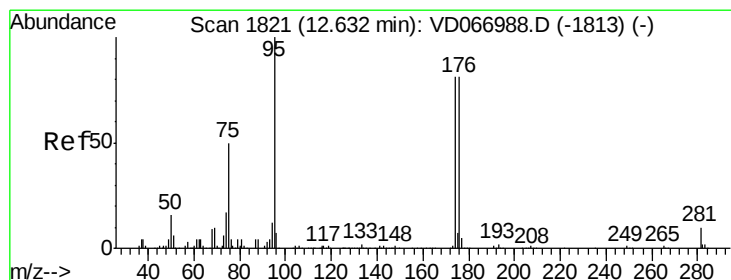
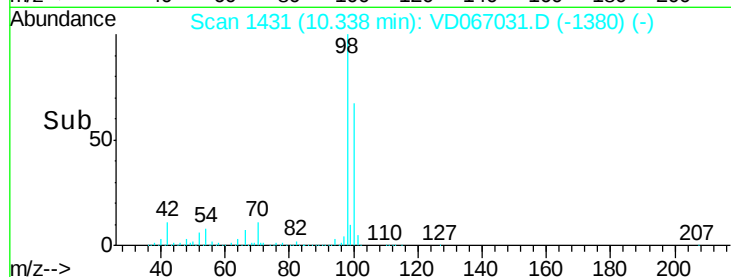
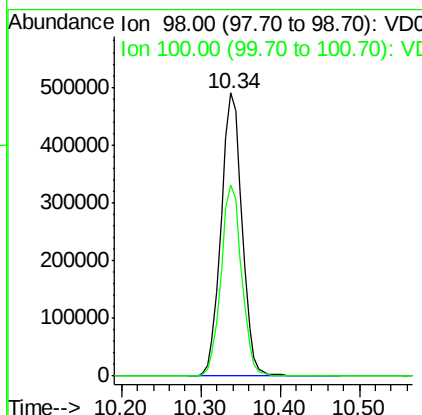
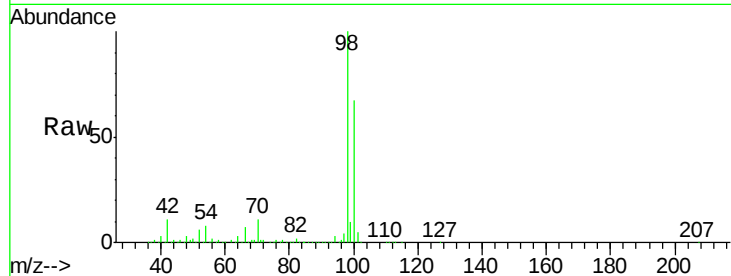




#50
Toluene-d8
Concen: 48.382 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067031.D
Acq: 02 Oct 2020 13:15

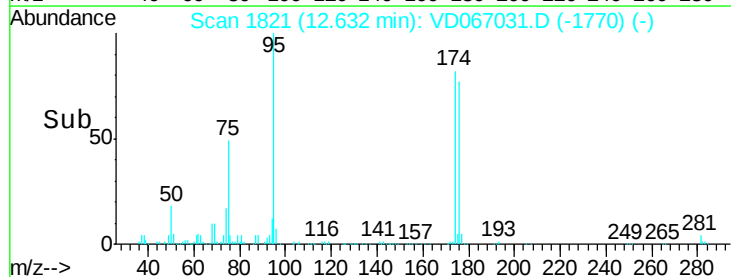
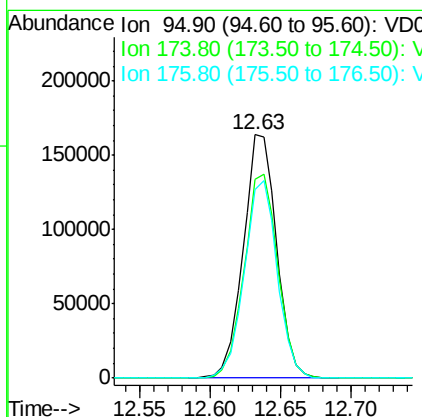
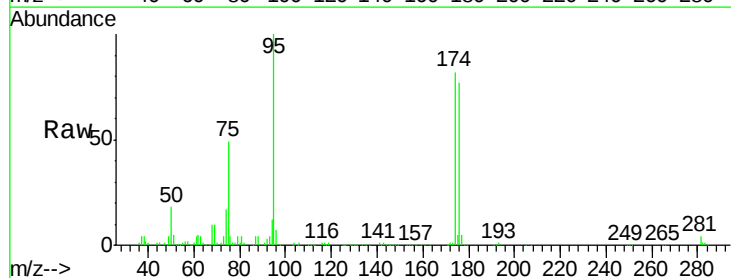
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NB-08-093020

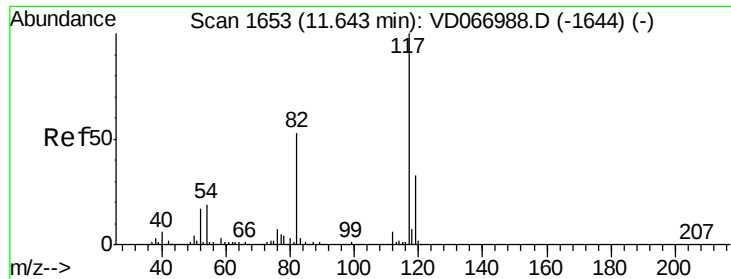
Tgt Ion: 98 Resp: 897350
Ion Ratio Lower Upper
98 100
100 66.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 43.002 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067031.D
Acq: 02 Oct 2020 13:15

Tgt Ion: 95 Resp: 270753
Ion Ratio Lower Upper
95 100
174 84.8 0.0 167.6
176 80.4 0.0 162.4

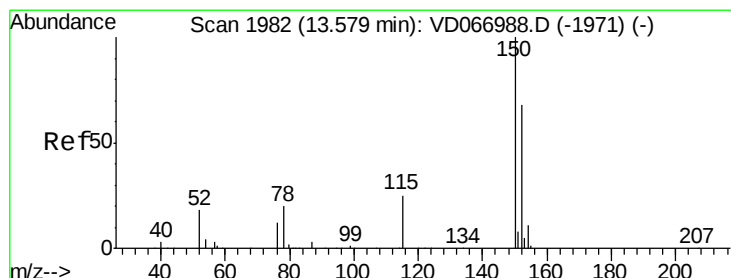
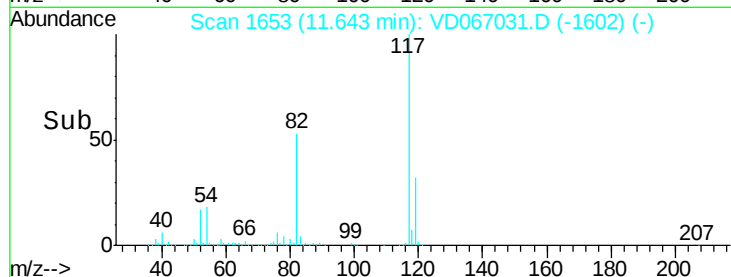
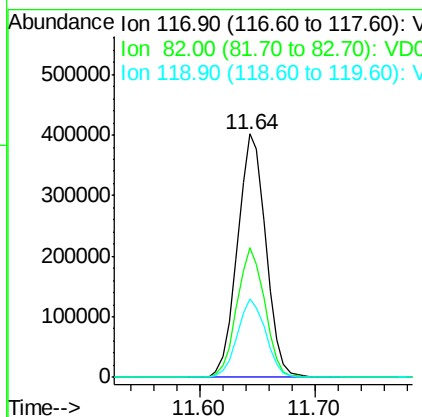
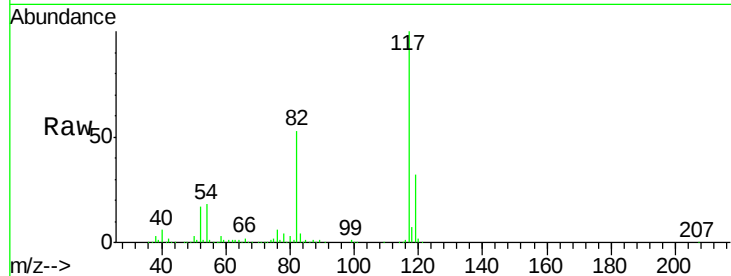




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067031.D
Acq: 02 Oct 2020 13:15

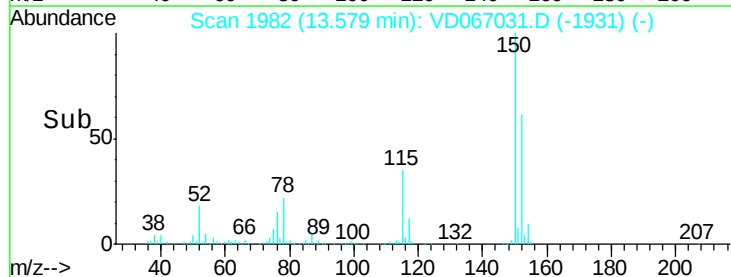
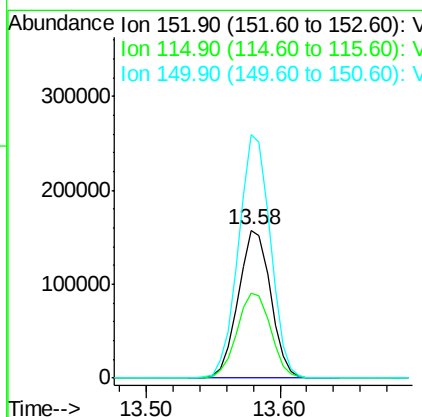
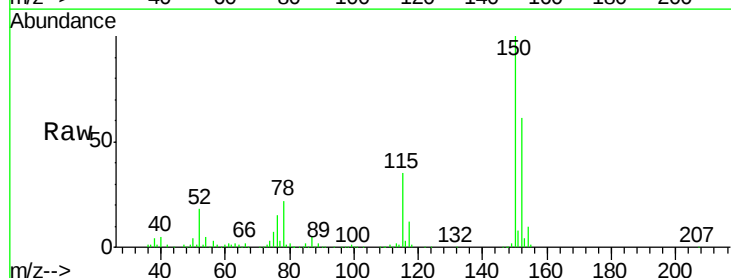
Instrument :
MSVOA_D
ClientSampleId :
NB-08-093020

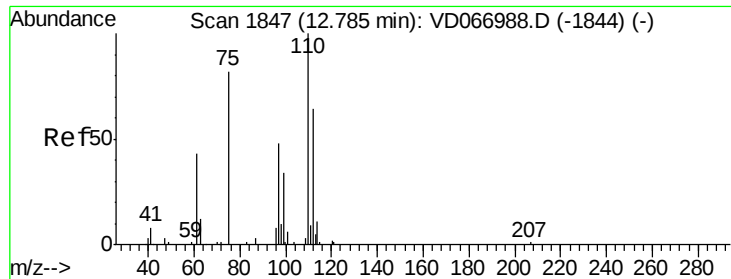
Tgt Ion:117 Resp: 683910
Ion Ratio Lower Upper
117 100
82 53.3 42.6 63.8
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067031.D
Acq: 02 Oct 2020 13:15

Tgt Ion:152 Resp: 264329
Ion Ratio Lower Upper
152 100
115 59.6 29.6 88.8
150 162.2 0.0 344.8

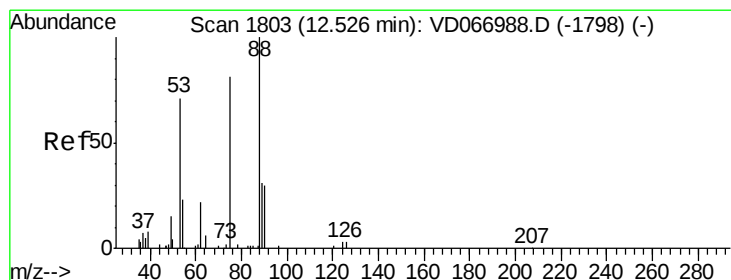
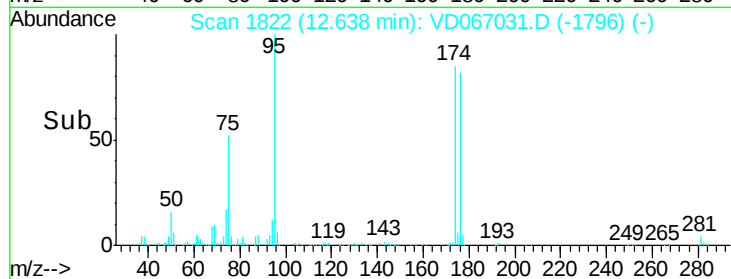
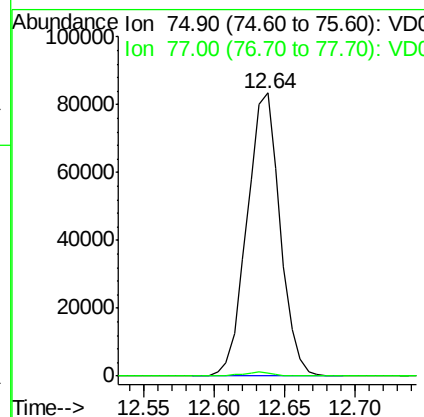
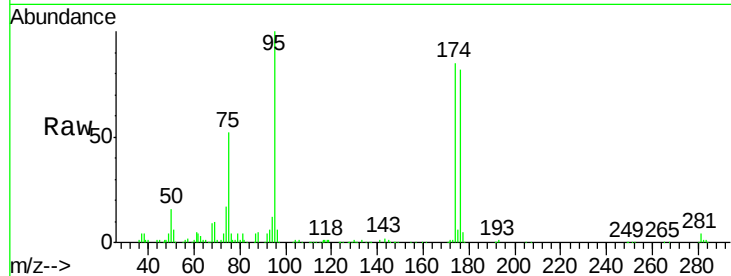




#76
 1,2,3-Trichloropropane
 Concen: 59.495 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067031.D
 Acq: 02 Oct 2020 13:15

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-093020

Tgt Ion: 75 Resp: 136981
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.329 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067031.D
 Acq: 02 Oct 2020 13:15

Tgt Ion: 75 Resp: 136981
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.8 110.6#
 89 0.0 38.9 58.3#

