

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067020.D
 Acq On : 02 Oct 2020 05:10
 Operator : VA/SY
 Sample : L3872-13
 Misc : 7.52G/5.00ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-093020

Quant Time: Oct 02 06:04:36 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	7.97	168	15552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	23354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	24527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	10894	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	12567	83.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	167.78%	
35) Dibromofluoromethane	7.92	113	6999	45.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.56%	
50) Toluene-d8	10.34	98	27191	48.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.63	95	9805	51.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.68%	

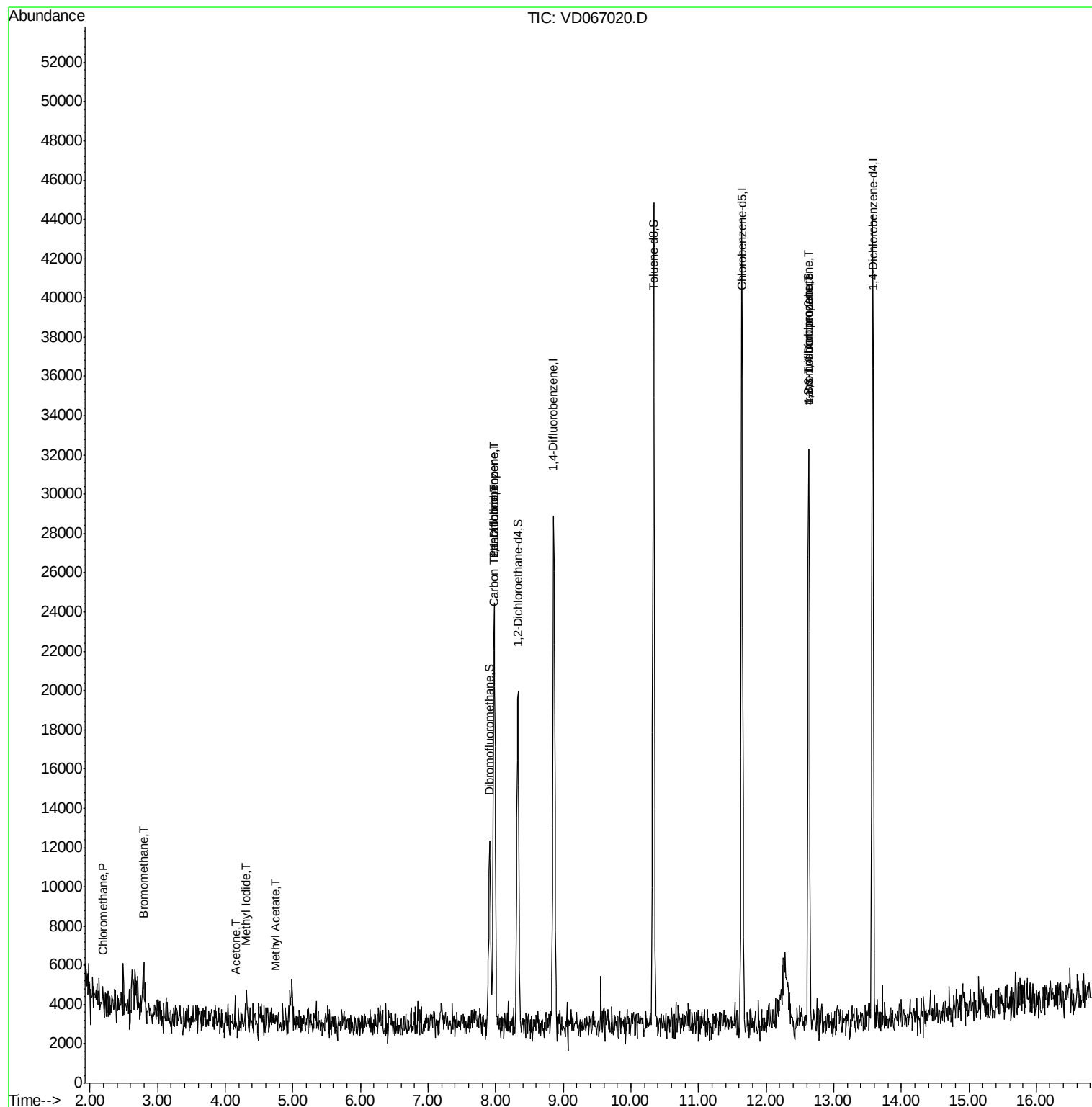
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	628	5.071	ug/l #	43
5) Bromomethane	2.79	94	1511	15.925	ug/l #	60
10) Methyl Iodide	4.31	142	1340	8.843	ug/l #	55
16) Acetone	4.16	43	112	4.898	ug/l #	42
18) Methyl Acetate	4.74	43	59	1.027	ug/l #	48
36) 1,1-Dichloropropene	7.98	75	1203	5.526	ug/l #	41
38) Carbon Tetrachloride	7.97	117	1879	7.978	ug/l #	11
76) 1,2,3-Trichloropropane	12.63	75	4482	47.233	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	4482	117.759	ug/l #	12

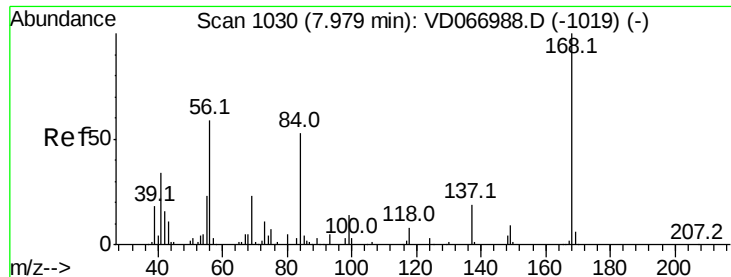
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100120\
Data File : VD067020.D
Acq On : 02 Oct 2020 05:10
Operator : VA/SY
Sample : L3872-13
Misc : 7.52G/5.00ml/MSVOA D/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-03-093020

Quant Time: Oct 02 06:04:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
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: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD067020.D

Acq: 02 Oct 2020 05:10

Instrument :

MSVOA_D

ClientSampleId :

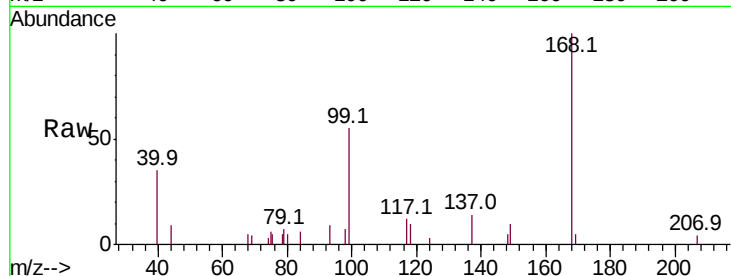
BU-03-093020

Tot Ion:168 Resp: 15552

Ion Ratio Lower Upper

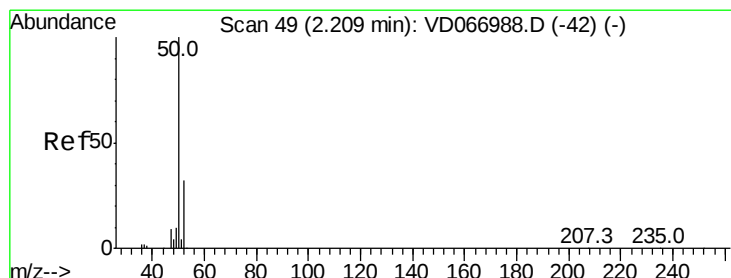
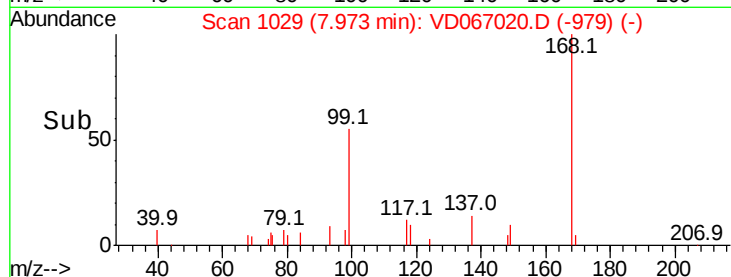
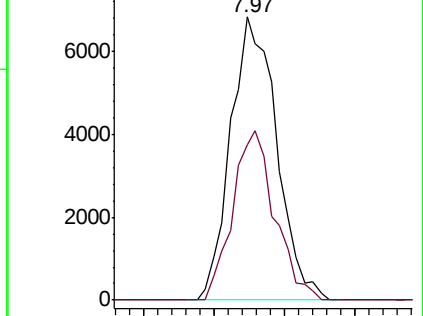
168 100

99 54.8 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#3

Chloromethane

Concen: 5.071 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067020.D

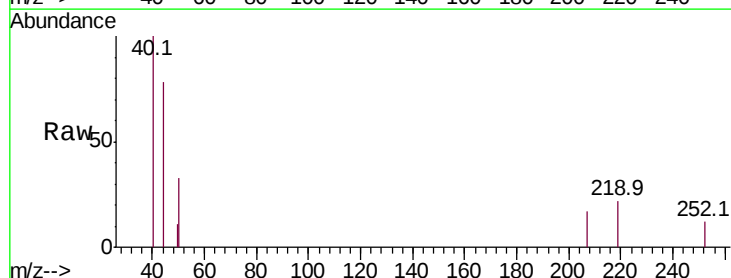
Acq: 02 Oct 2020 05:10

Tgt Ion: 50 Resp: 628

Ion Ratio Lower Upper

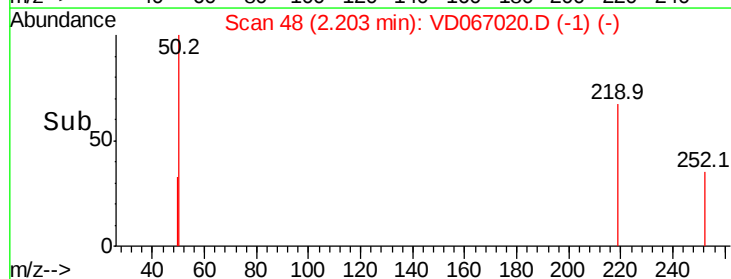
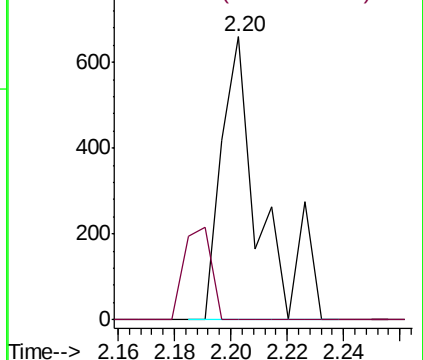
50 100

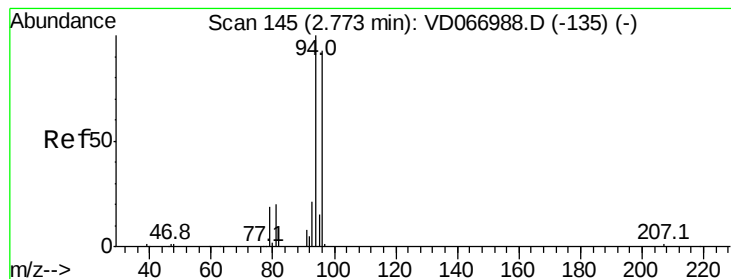
52 0.0 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 15.925 ug/l

RT: 2.79 min Scan# 148

Delta R.T. 0.02 min

Lab File: VD067020.D

Acq: 02 Oct 2020 05:10

Instrument :

MSVOA_D

ClientSampleId :

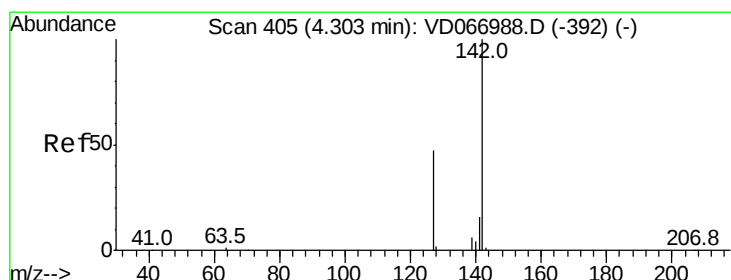
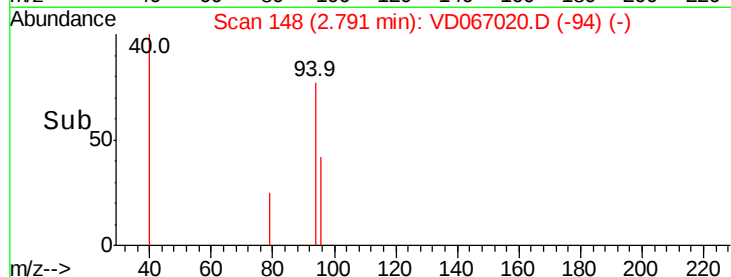
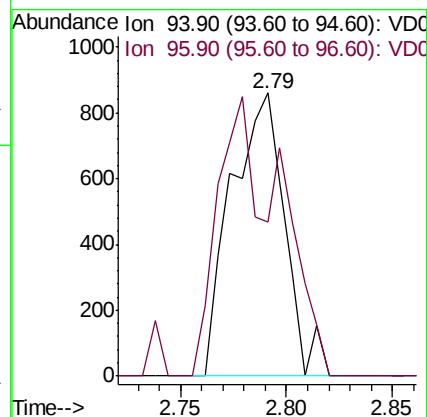
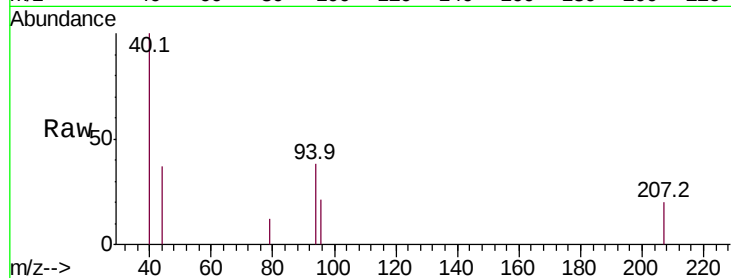
BU-03-093020

Tot Ion: 94 Resp: 1511

Ion Ratio Lower Upper

94 100

96 54.7 74.6 112.0#



#10

Methyl Iodide

Concen: 8.843 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD067020.D

Acq: 02 Oct 2020 05:10

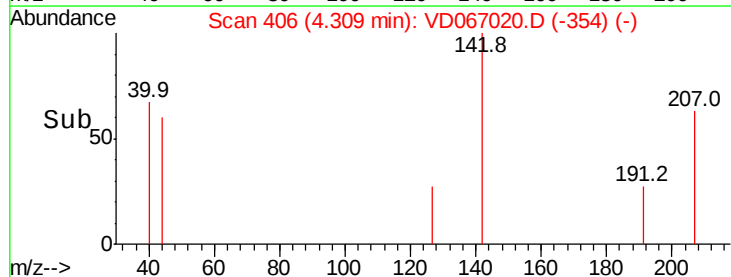
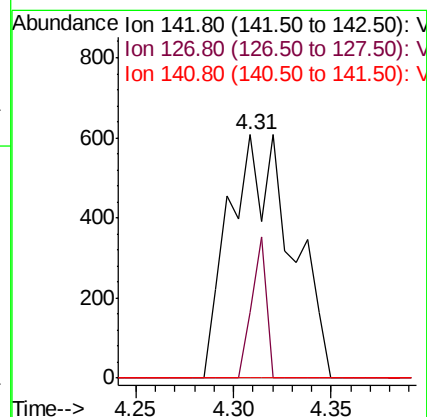
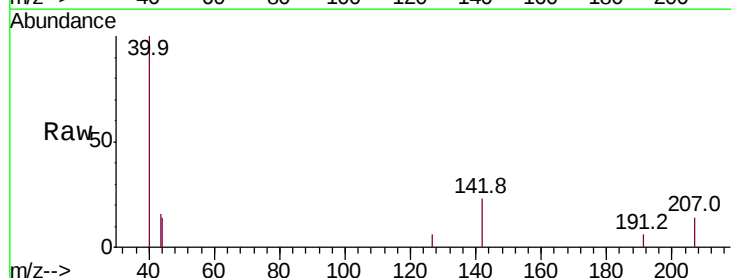
Tgt Ion: 142 Resp: 1340

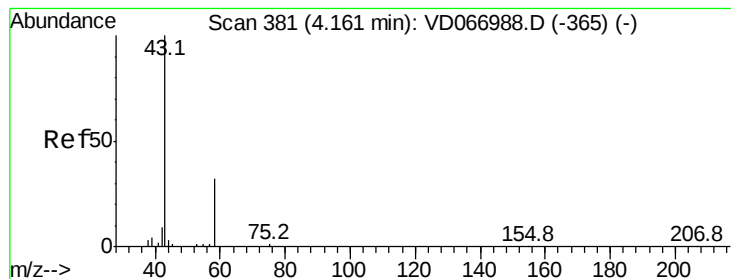
Ion Ratio Lower Upper

142 100

127 13.6 36.3 54.5#

141 0.0 12.0 18.0#





#16

Acetone

Concen: 4.898 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067020.D

Acq: 02 Oct 2020 05:10

Instrument :

MSVOA_D

ClientSampleId :

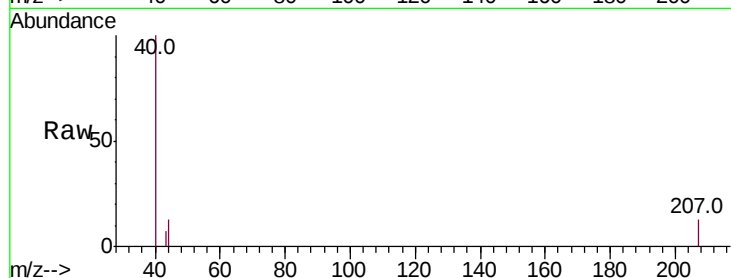
BU-03-093020

Tot Ion: 43 Resp: 112

Ion Ratio Lower Upper

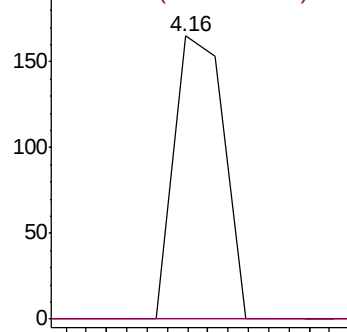
43 100

58 0.0 25.9 38.9#

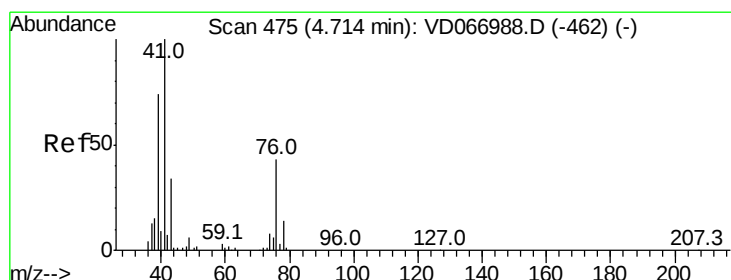
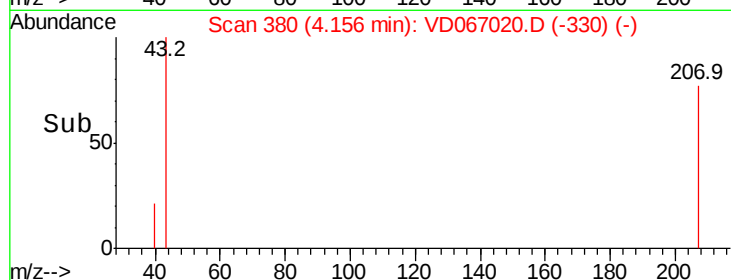


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->



#18

Methyl Acetate

Concen: 1.027 ug/l

RT: 4.74 min Scan# 479

Delta R.T. 0.02 min

Lab File: VD067020.D

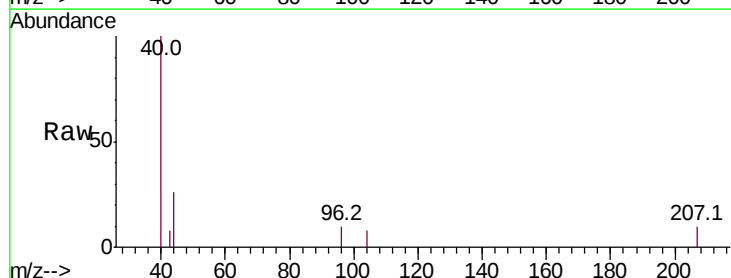
Acq: 02 Oct 2020 05:10

Tgt Ion: 43 Resp: 59

Ion Ratio Lower Upper

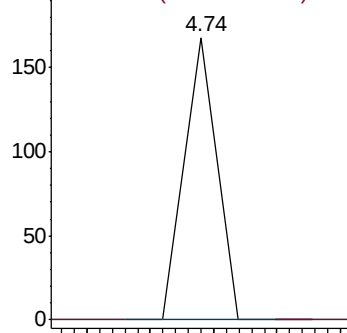
43 100

74 0.0 21.5 32.3#

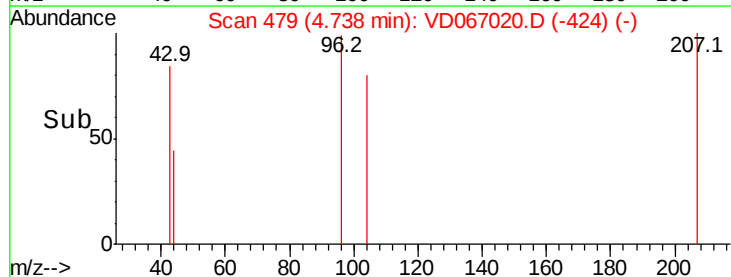


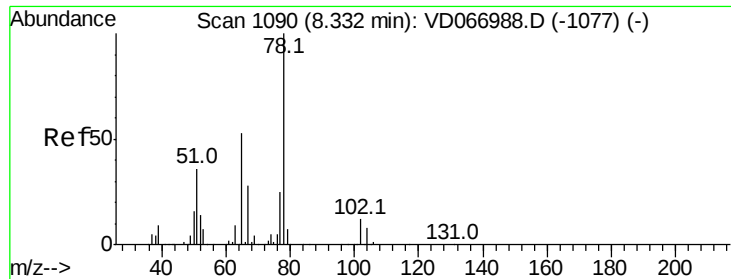
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



Time-->





#33

1,2-Dichloroethane-d4

Concen: 83.894 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

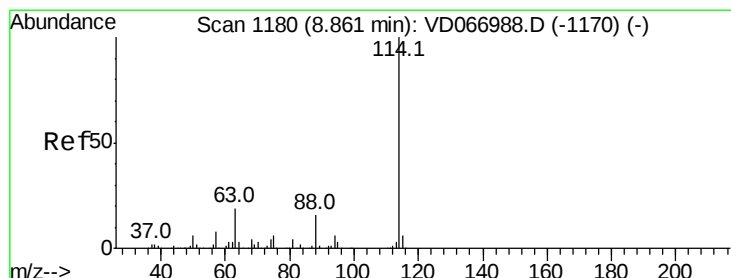
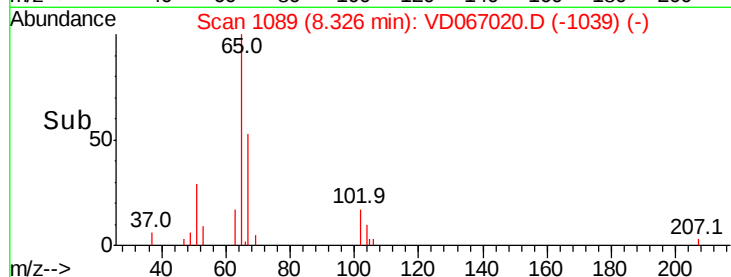
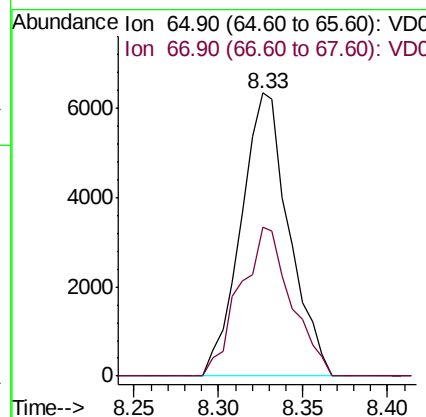
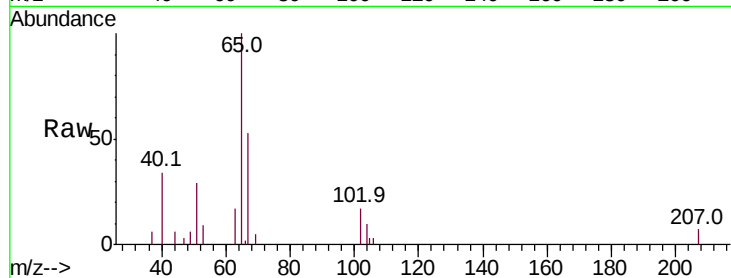
Lab File: VD067020.D

Acq: 02 Oct 2020 05:10

Instrument :
MSVOA_D
ClientSampleId :
BU-03-093020

Tot Ion: 65 Resp: 12567

Ion	Ratio	Lower	Upper
65	100		
67	56.0	0.0	106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

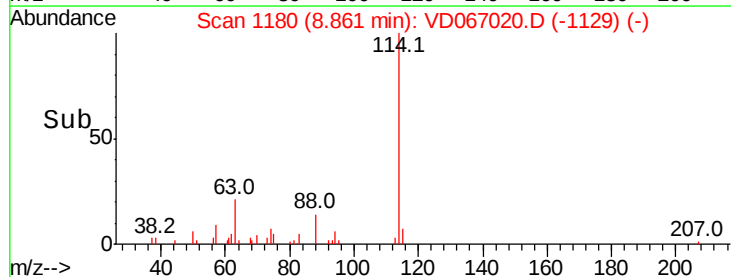
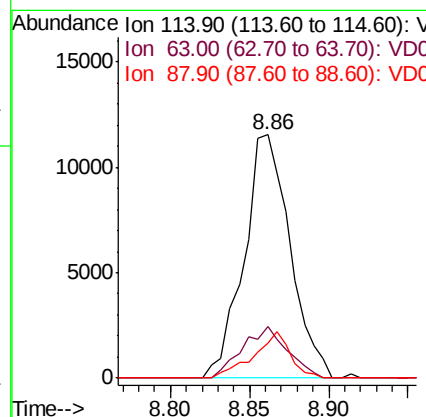
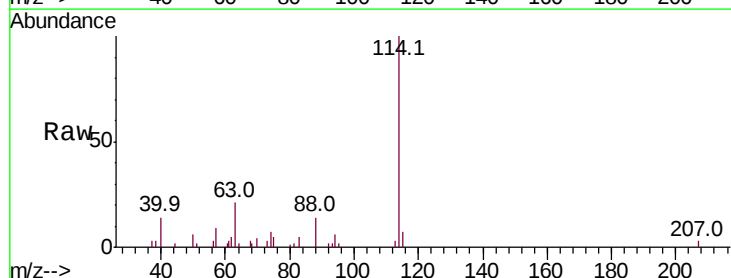
Delta R.T. 0.00 min

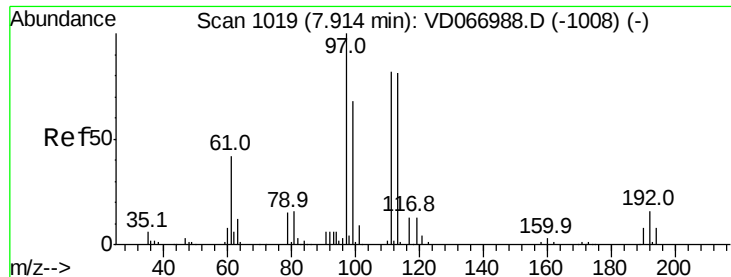
Lab File: VD067020.D

Acq: 02 Oct 2020 05:10

Tgt Ion: 114 Resp: 23354

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	38.4
88	14.4	0.0	31.2

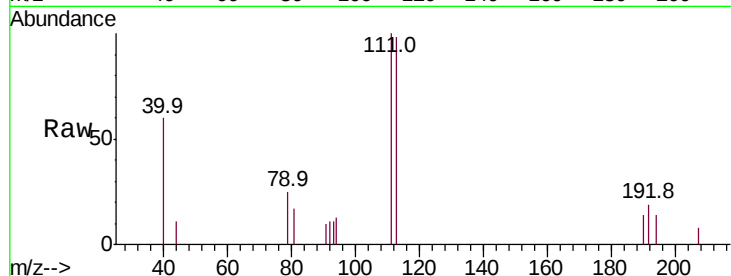




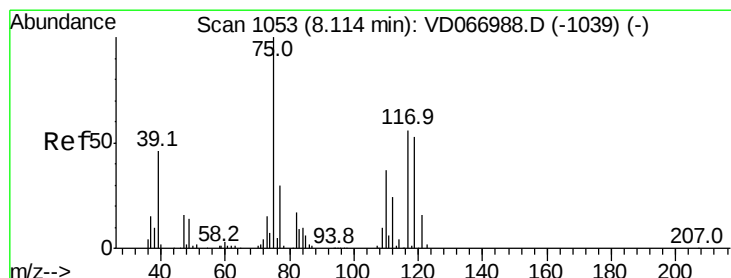
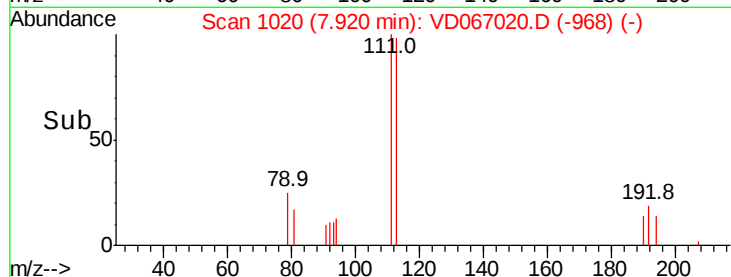
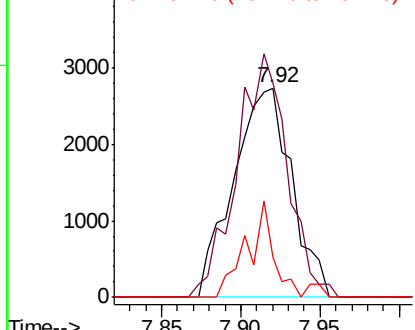
#35
 Dibromofluoromethane
 Concen: 45.777 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067020.D
 Acq: 02 Oct 2020 05:10

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-093020

Tot Ion:113 Resp: 6999
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.0 124.4
 192 20.7 15.5 23.3

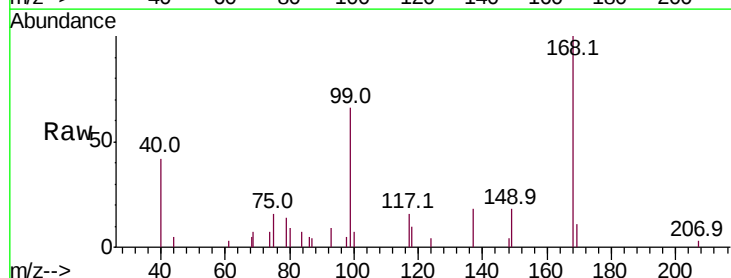


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

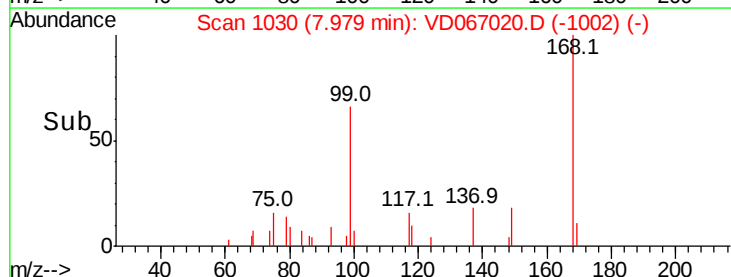
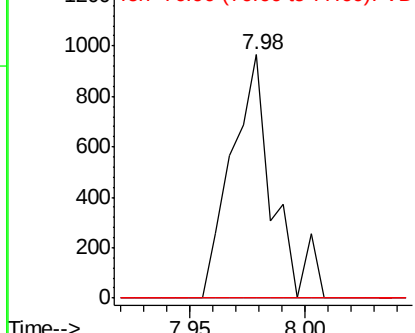


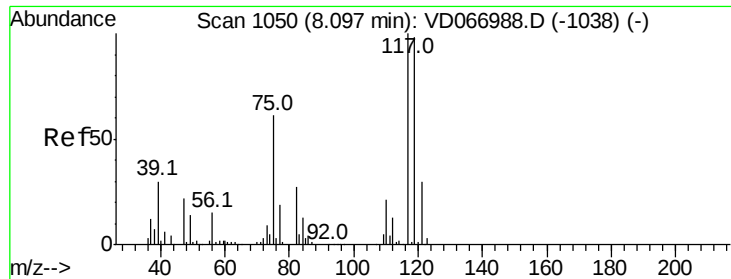
#36
 1,1-Dichloropropene
 Concen: 5.526 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067020.D
 Acq: 02 Oct 2020 05:10

Tgt Ion: 75 Resp: 1203
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.4 55.0#
 77 0.0 24.8 37.2#



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

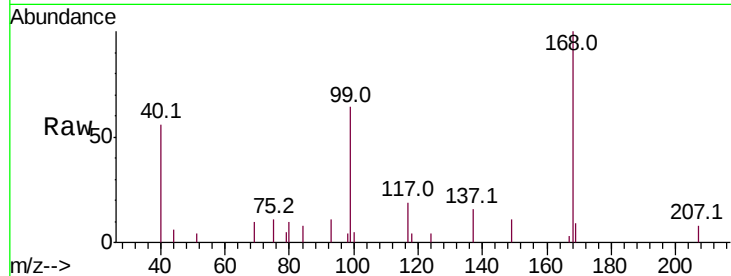




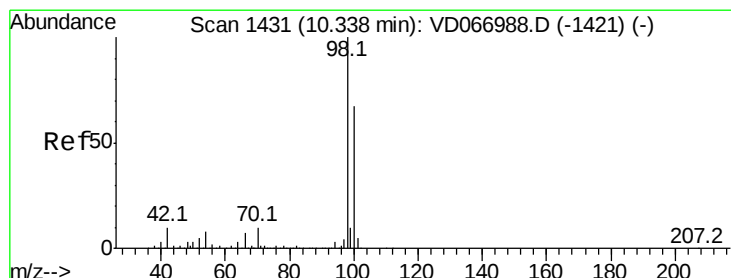
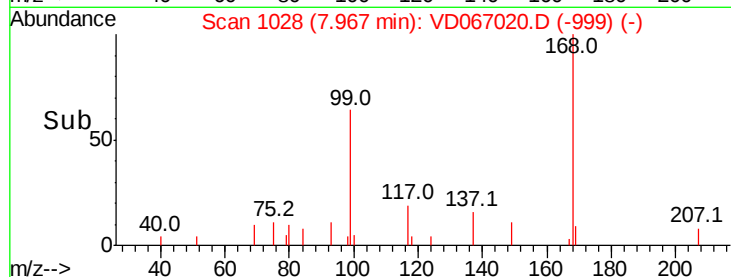
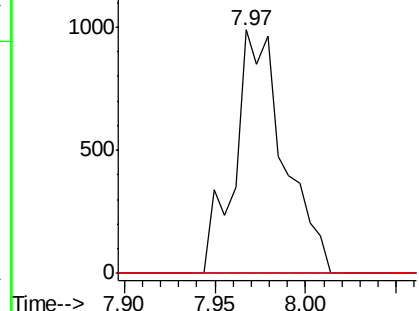
#38
Carbon Tetrachloride
Concen: 7.978 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.13 min
Lab File: VD067020.D
Acq: 02 Oct 2020 05:10

Instrument :
MSVOA_D
ClientSampleId :
BU-03-093020

Tot Ion:117 Resp: 1879
Ion Ratio Lower Upper
117 100
119 0.0 78.7 118.1#
121 0.0 24.2 36.2#

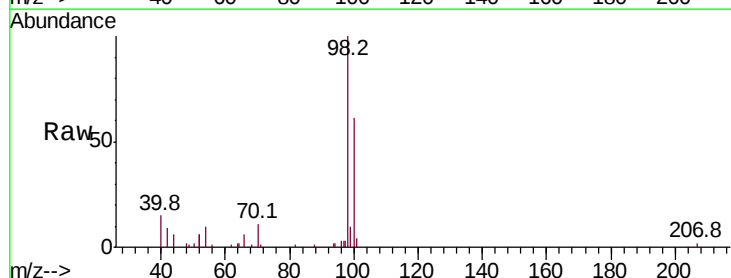


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

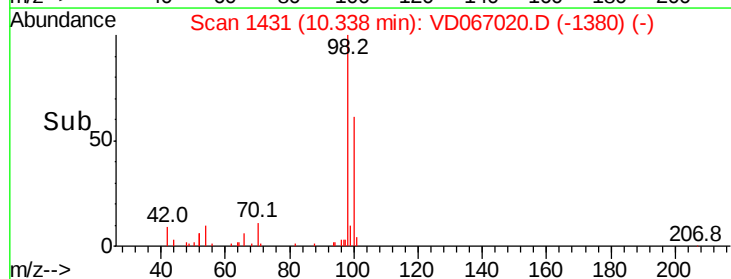
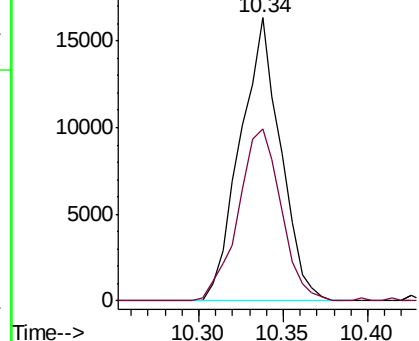


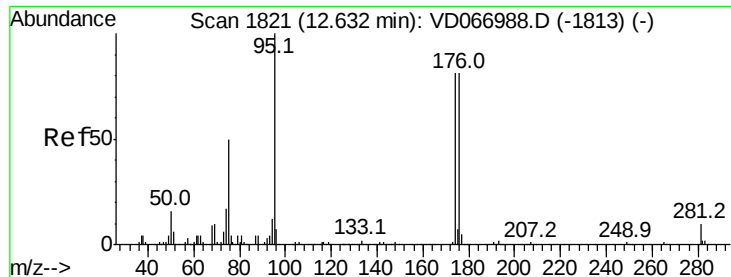
#50
Toluene-d8
Concen: 48.806 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067020.D
Acq: 02 Oct 2020 05:10

Tgt Ion: 98 Resp: 27191
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

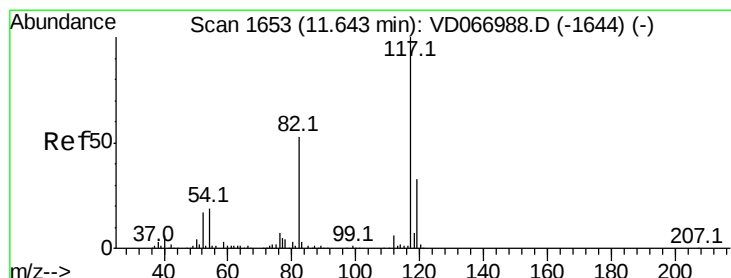
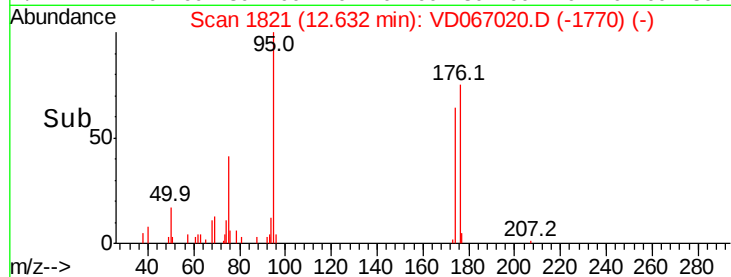
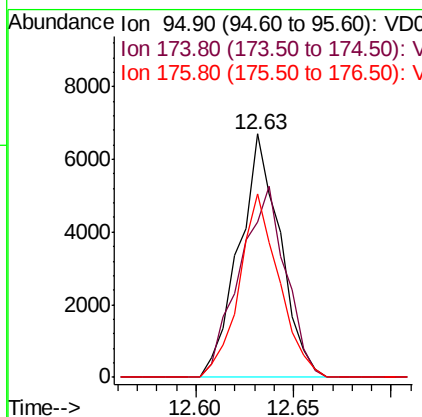
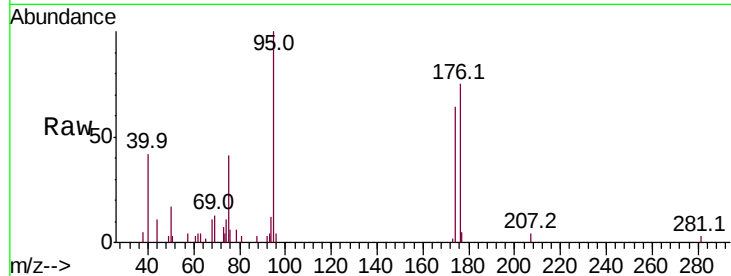




#62
4-Bromofluorobenzene
Concen: 51.842 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067020.D
Acq: 02 Oct 2020 05:10

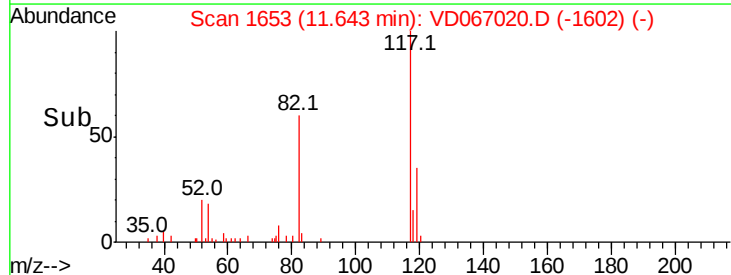
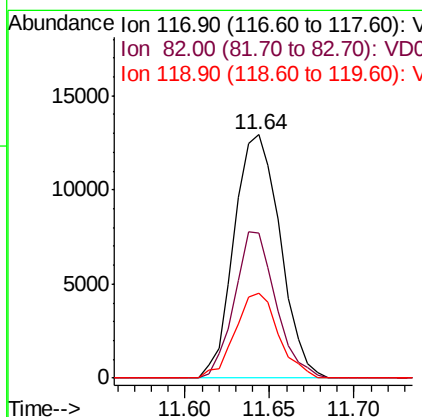
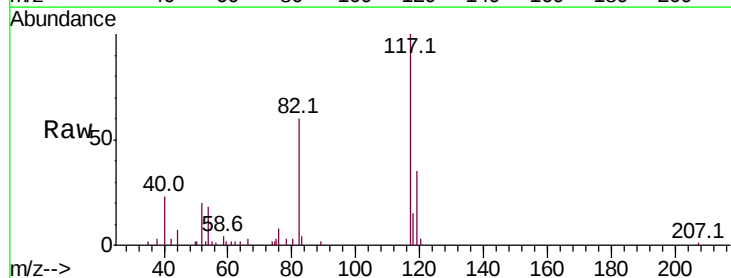
Instrument :
MSVOA_D
ClientSampleId :
BU-03-093020

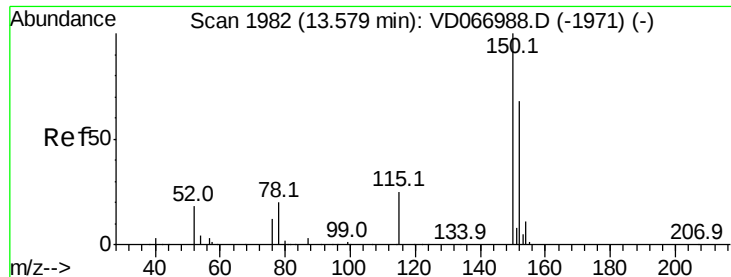
Tot Ion: 95 Resp: 9805
Ion Ratio Lower Upper
95 100
174 87.7 0.0 167.6
176 72.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067020.D
Acq: 02 Oct 2020 05:10

Tgt Ion: 117 Resp: 24527
Ion Ratio Lower Upper
117 100
82 59.5 42.6 63.8
119 34.9 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: VD067020.D

Acq: 02 Oct 2020 05:10

Instrument :

MSVOA_D

ClientSampleId :

BU-03-093020

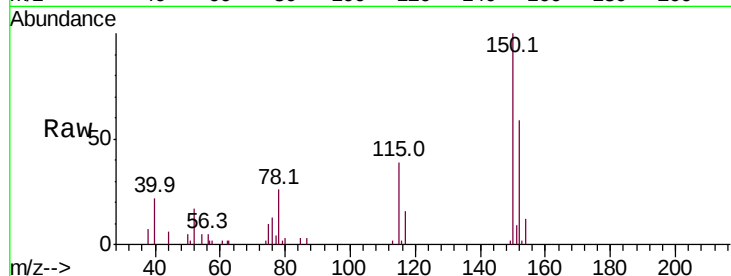
Tot Ion:152 Resp: 10894

Ion Ratio Lower Upper

152 100

115 62.5 29.6 88.8

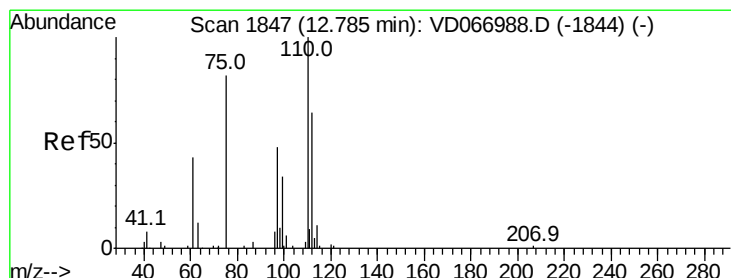
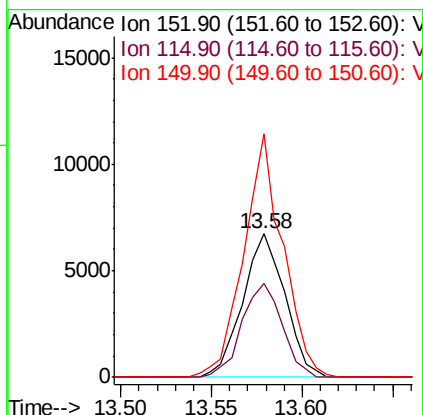
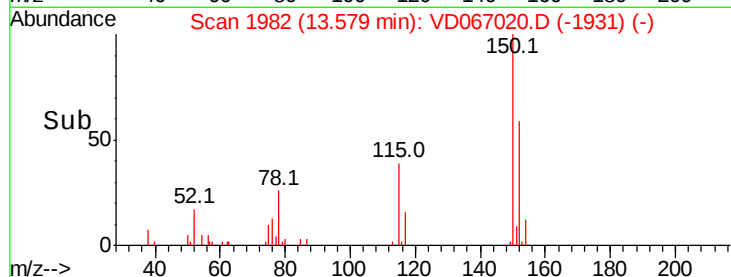
150 156.4 0.0 344.8



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: 47.233 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD067020.D

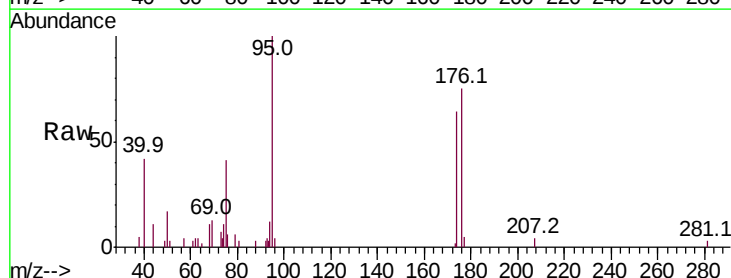
Acq: 02 Oct 2020 05:10

Tgt Ion: 75 Resp: 4482

Ion Ratio Lower Upper

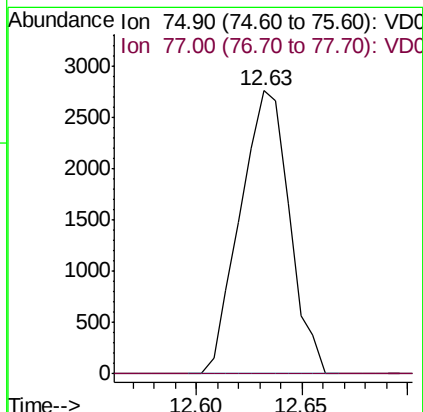
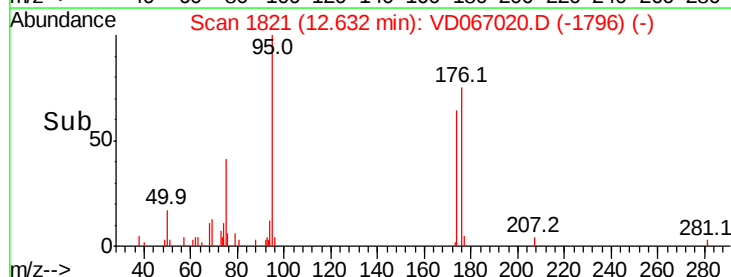
75 100

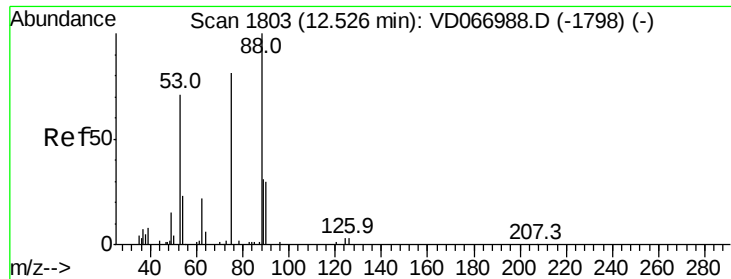
77 0.0 0.0 0.0



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: 117.759 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.11 min

Lab File: VD067020.D

Acq: 02 Oct 2020 05:10

Instrument :

MSVOA_D

ClientSampleId :

BU-03-093020

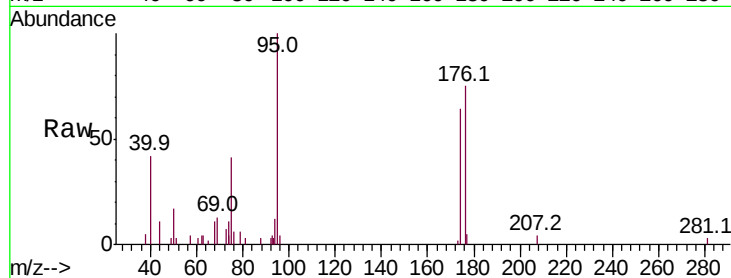
Tot Ion: 75 Resp: 4482

Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.0 38.9 58.3#



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

