

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066111.D
 Acq On : 30 Jul 2020 15:08
 Operator : VA/SY
 Sample : L3494-03
 Misc : 7.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JTY1-SB-03-2-3

Quant Time: Jul 31 01:57:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	252430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	398758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	442365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	238305	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	113079	55.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.10%	
35) Dibromofluoromethane	7.91	113	121279	50.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.28%	
50) Toluene-d8	10.34	98	488210	54.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.64	95	209187	66.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	133.92%	

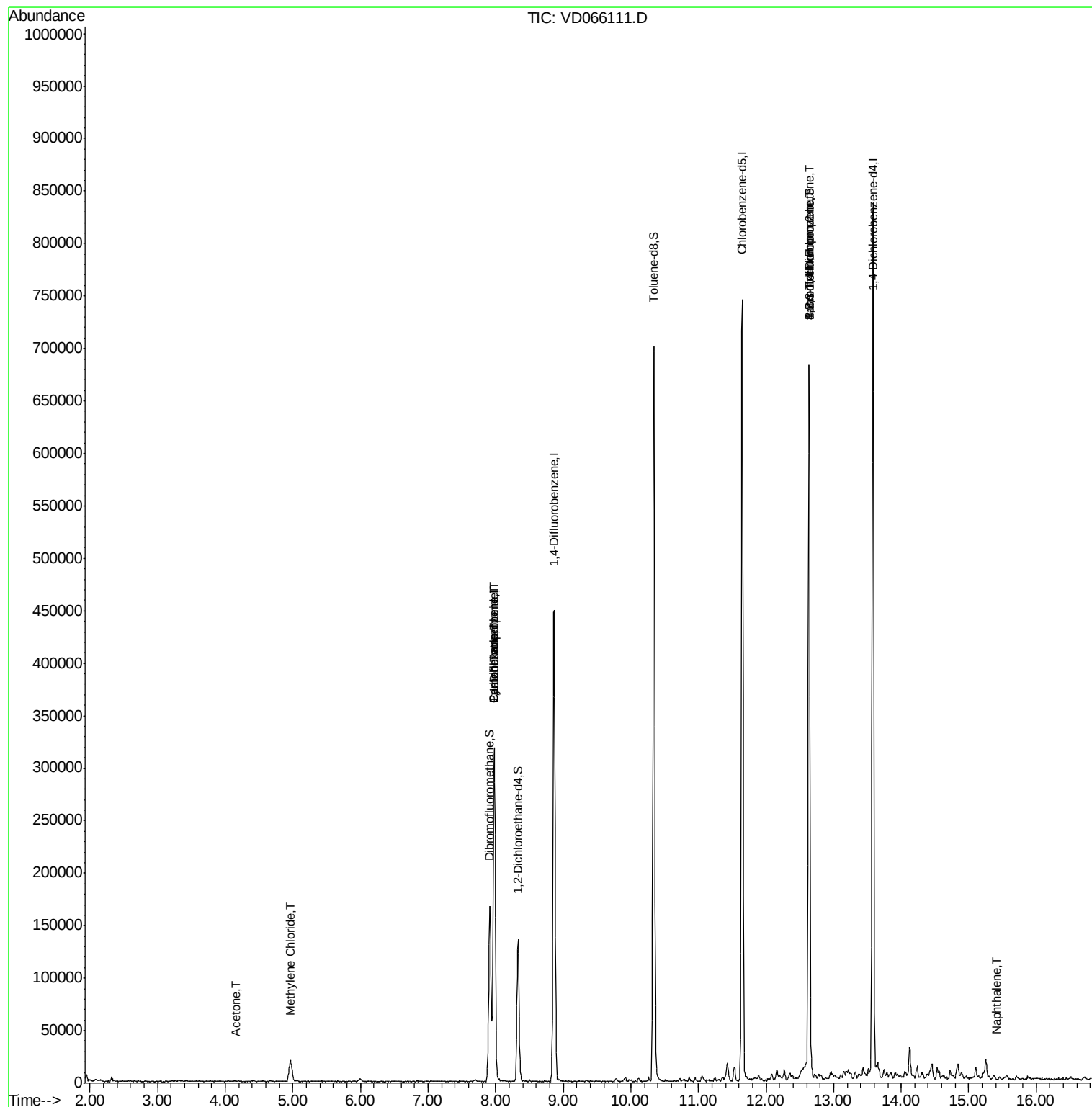
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	60	Below Cal	#	4
16) Acetone	4.16	43	1196	2.877	ug/l	94
20) Methylene Chloride	4.97	84	15538	4.033	ug/l	93
31) Cyclohexane	7.98	56	4525	1.225	ug/l #	37
36) 1,1-Dichloropropene	7.98	75	17060	5.013	ug/l #	49
38) Carbon Tetrachloride	7.98	117	25171	6.817	ug/l #	17
71) Bromoform	12.63	173	1815	1.036	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	109301	60.915	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	109301	139.779	ug/l #	11
95) Naphthalene	15.41	128	225	3.575	ug/l #	68

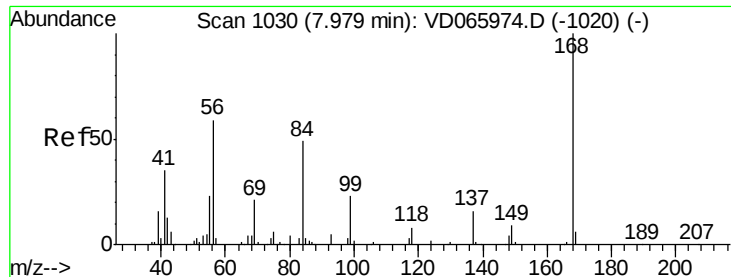
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066111.D

Acq: 30 Jul 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

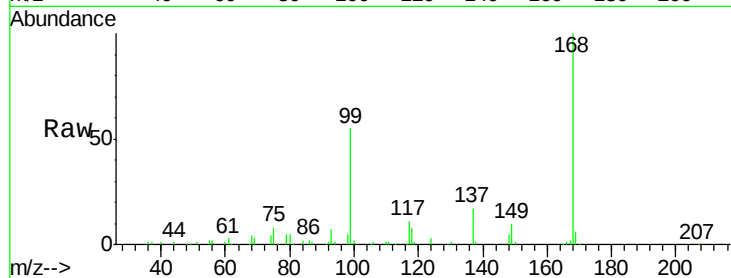
JTY1-SB-03-2-3

Tot Ion:168 Resp: 252430

Ion Ratio Lower Upper

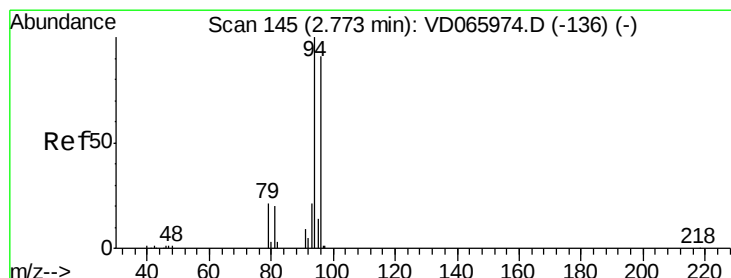
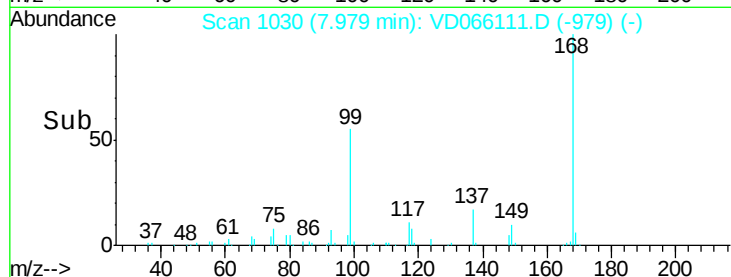
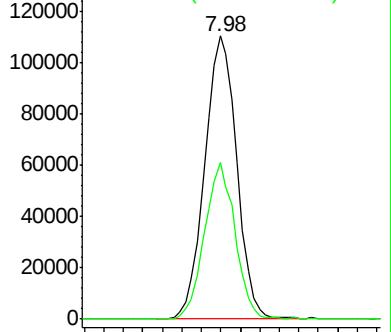
168 100

99 55.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066111.D

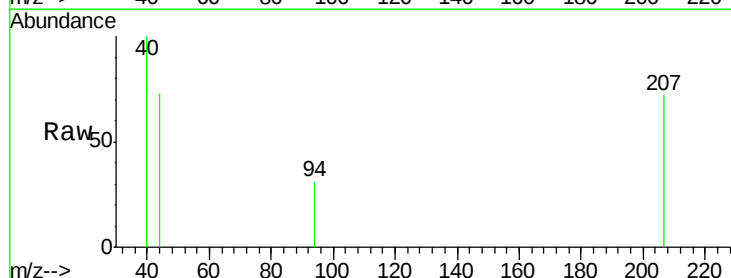
Acq: 30 Jul 2020 15:08

Tgt Ion: 94 Resp: 60

Ion Ratio Lower Upper

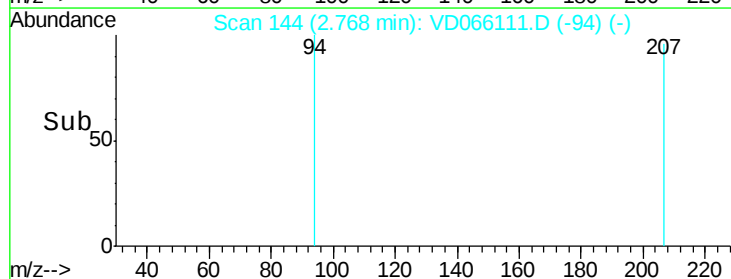
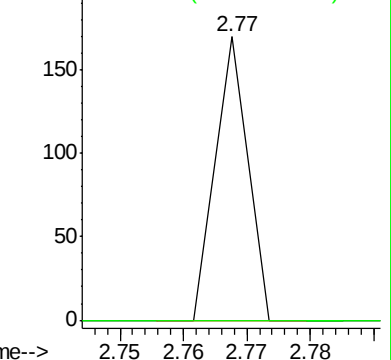
94 100

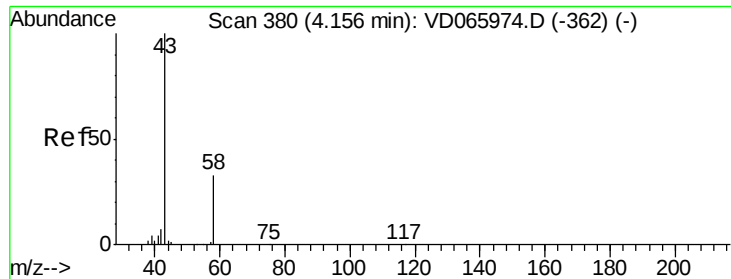
96 0.0 73.0 109.4#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 2.877 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066111.D

Acq: 30 Jul 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

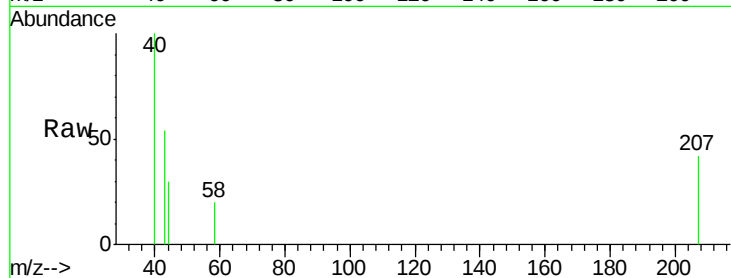
JTY1-SB-03-2-3

Tot Ion: 43 Resp: 1196

Ion Ratio Lower Upper

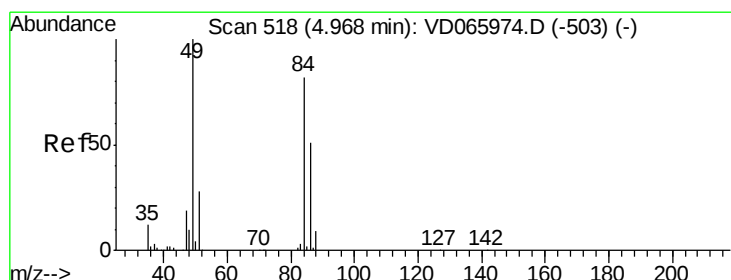
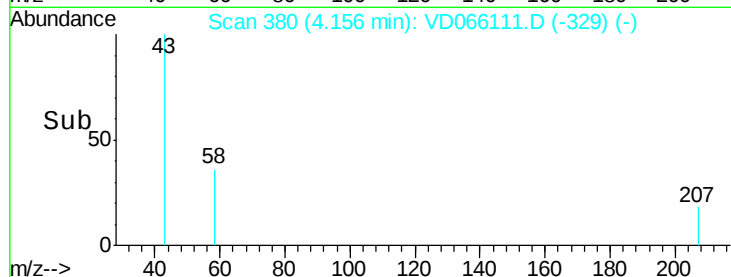
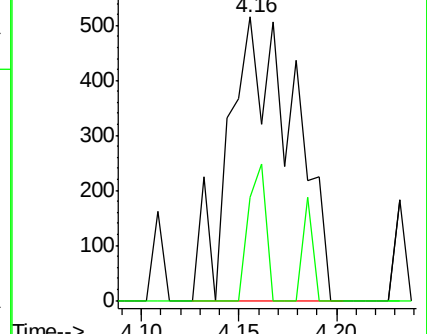
43 100

58 36.3 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 4.033 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066111.D

Acq: 30 Jul 2020 15:08

Tgt Ion: 84 Resp: 15538

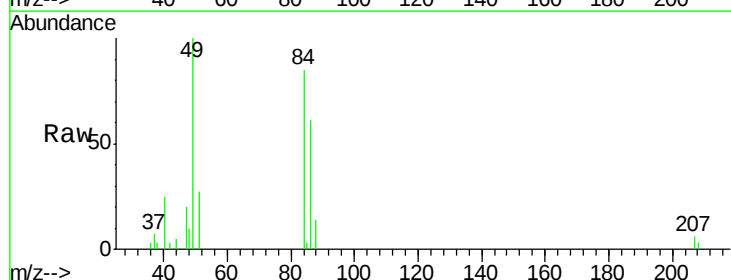
Ion Ratio Lower Upper

84 100

49 117.5 97.7 146.5

51 32.2 27.4 41.2

86 72.0 49.4 74.2

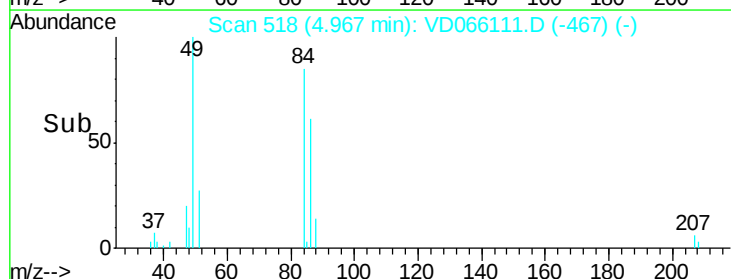
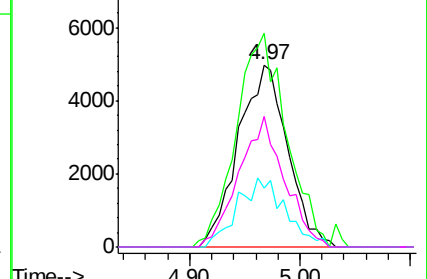


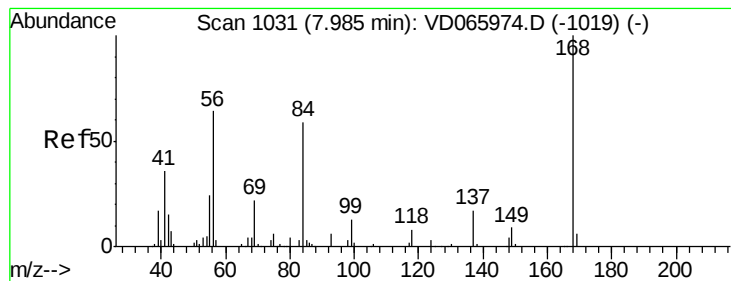
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#31

Cyclohexane

Concen: 1.225 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066111.D

Acq: 30 Jul 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-03-2-3

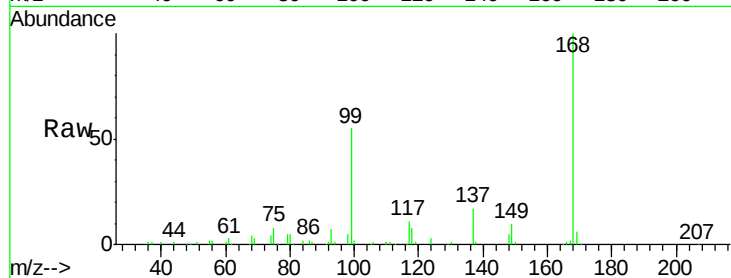
Tot Ion: 56 Resp: 4525

Ion Ratio Lower Upper

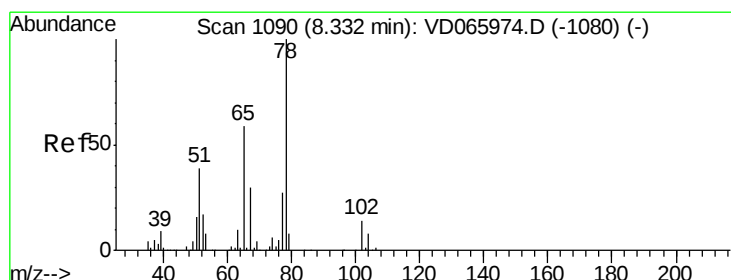
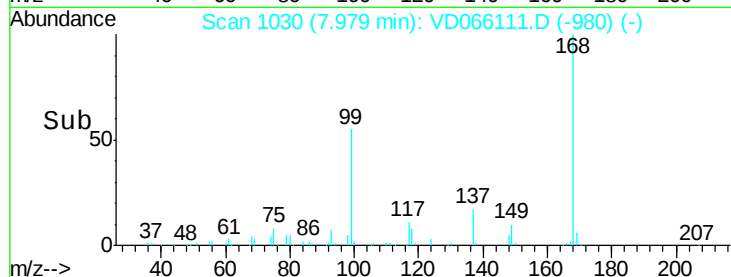
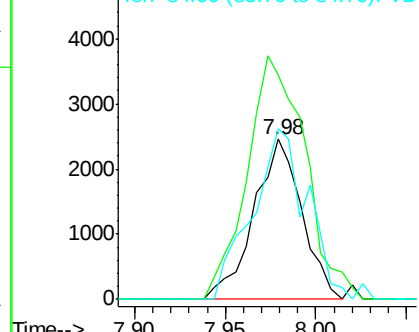
56 100

69 140.3 28.0 42.0#

84 106.9 72.6 109.0



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: 55.053 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066111.D

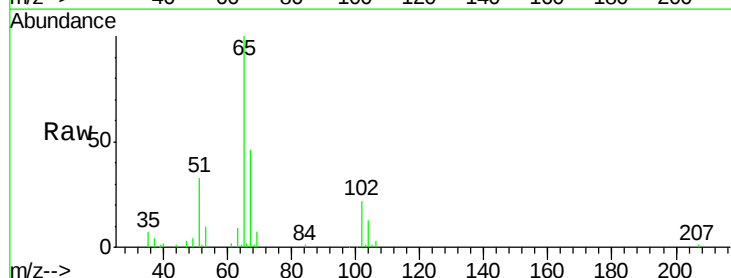
Acq: 30 Jul 2020 15:08

Tgt Ion: 65 Resp: 113079

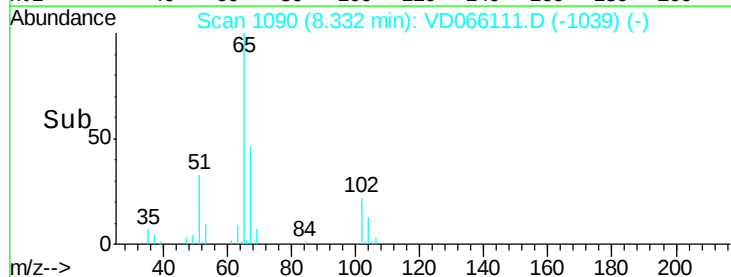
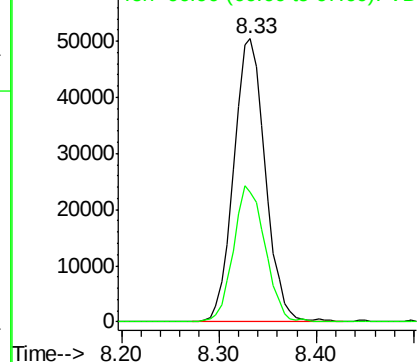
Ion Ratio Lower Upper

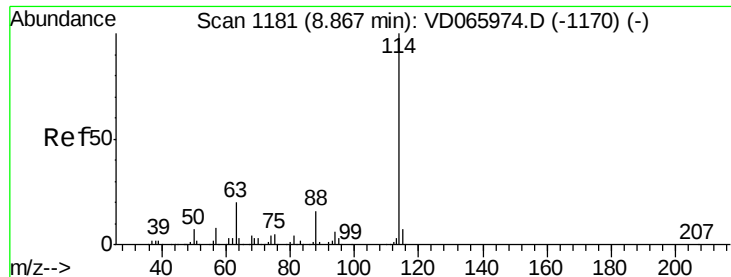
65 100

67 48.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

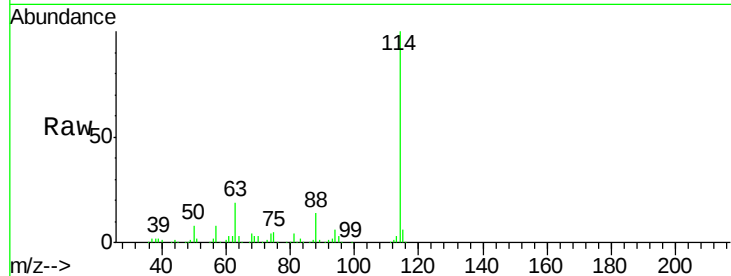




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD066111.D
 Acq: 30 Jul 2020 15:08

Instrument :
 MSVOA_D
 ClientSampleId :
 JTY1-SB-03-2-3

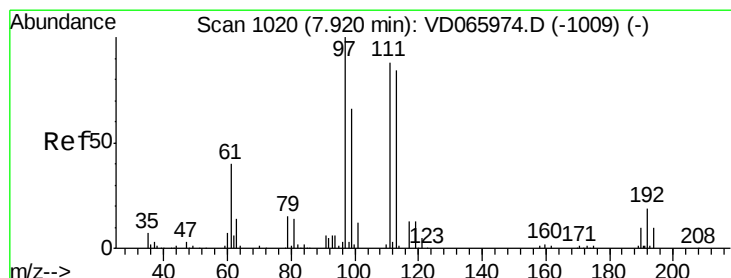
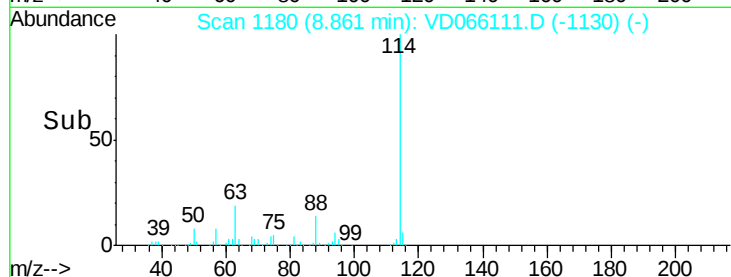
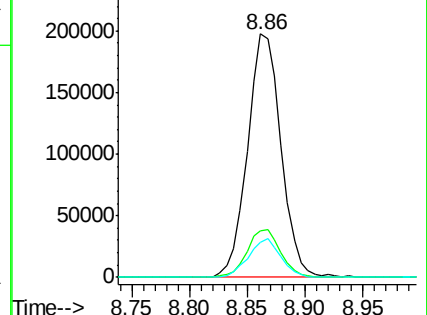
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.6
88	14.1	0.0	31.2



Abundance Ion 113.90 (113.60 to 114.60): V

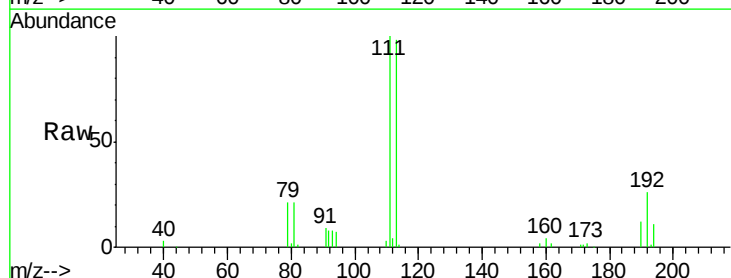
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 50.144 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066111.D
 Acq: 30 Jul 2020 15:08

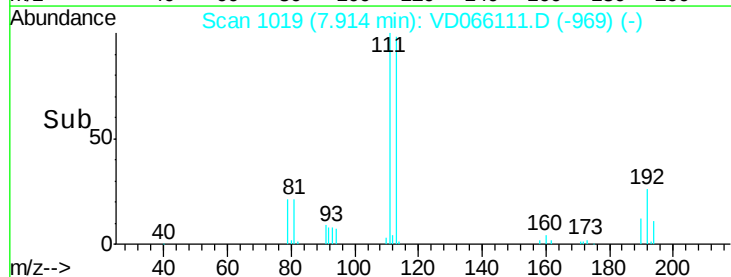
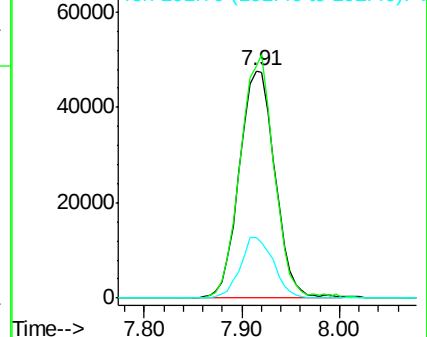
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.2	124.8
192	24.9	18.7	28.1

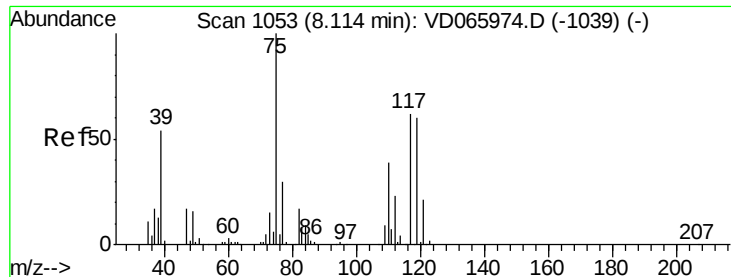


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

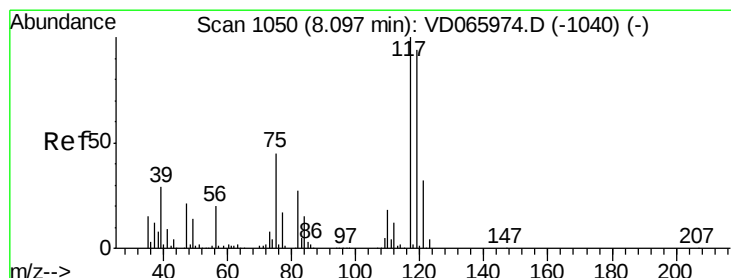
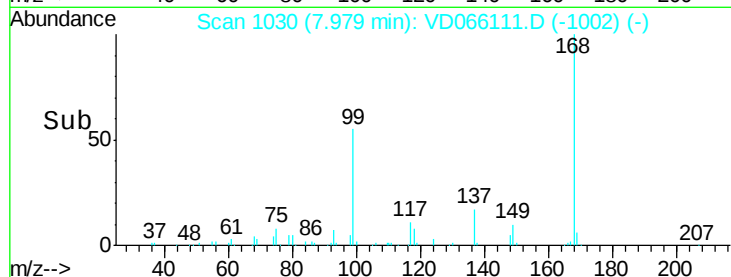
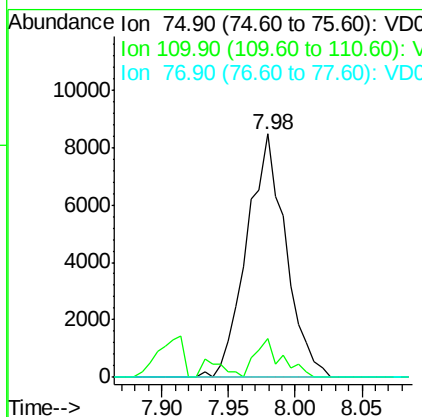
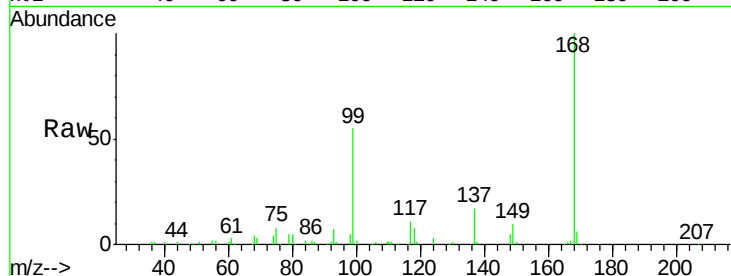




#36
 1,1-Dichloropropene
 Concen: 5.013 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD066111.D
 Acq: 30 Jul 2020 15:08

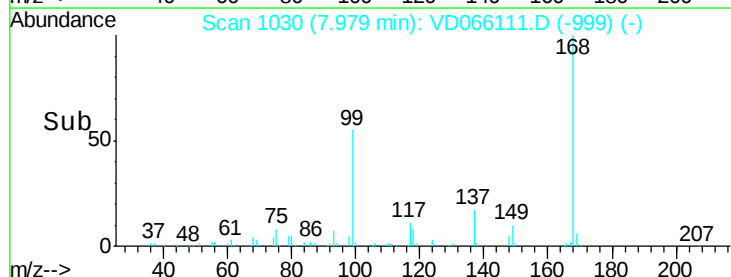
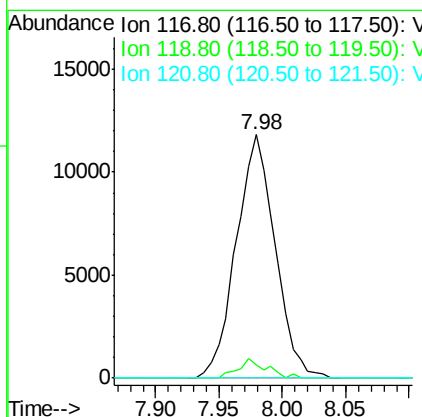
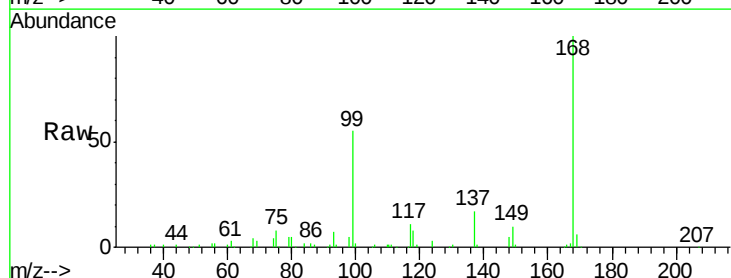
Instrument :
 MSVOA_D
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 JTY1-SB-03-2-3

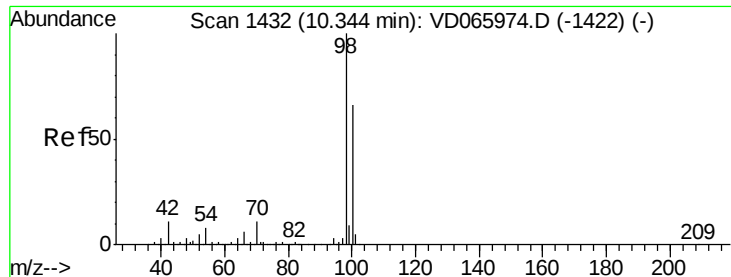
Tot Ion: 75 Resp: 17060
 Ion Ratio Lower Upper
 75 100
 110 10.7 19.5 58.5#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.817 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD066111.D
 Acq: 30 Jul 2020 15:08

Tgt Ion: 117 Resp: 25171
 Ion Ratio Lower Upper
 117 100
 119 5.7 75.0 112.6#
 121 0.0 25.5 38.3#

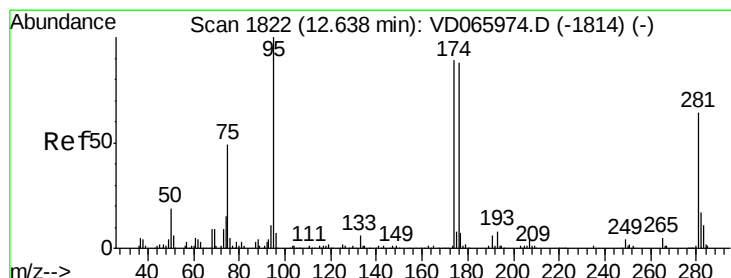
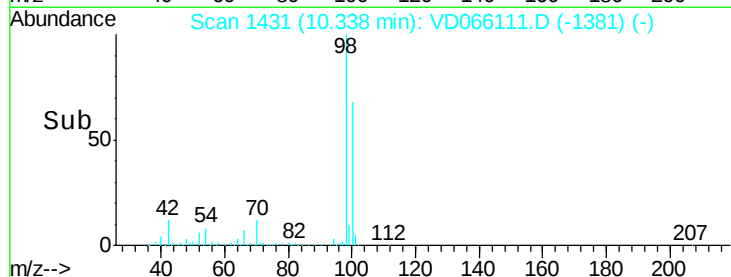
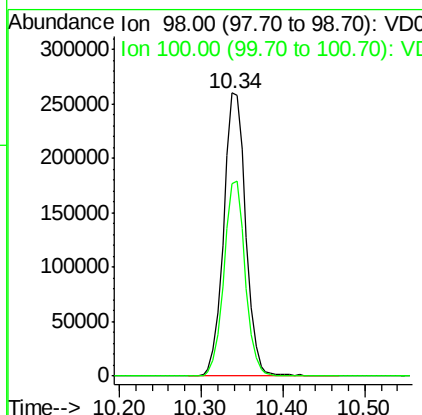
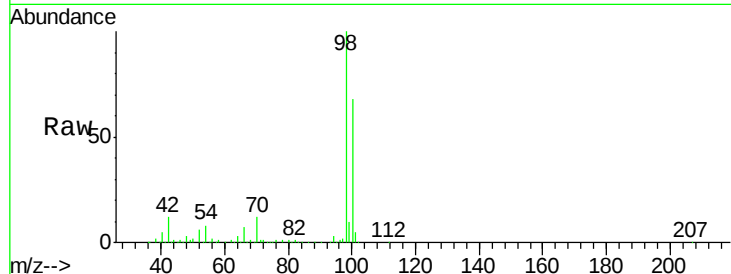




#50
Toluene-d8
Concen: 54.186 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD066111.D
Acq: 30 Jul 2020 15:08

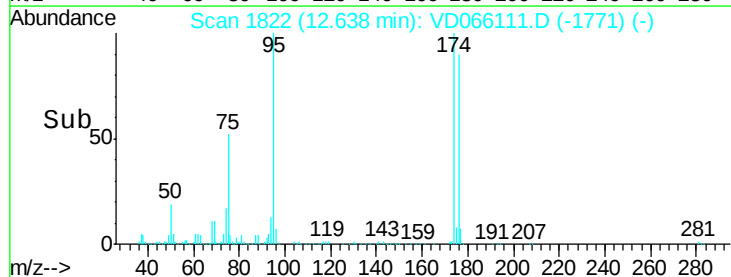
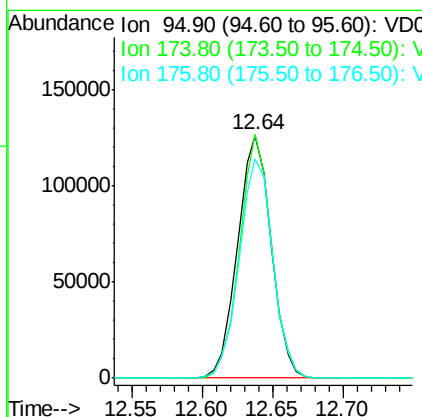
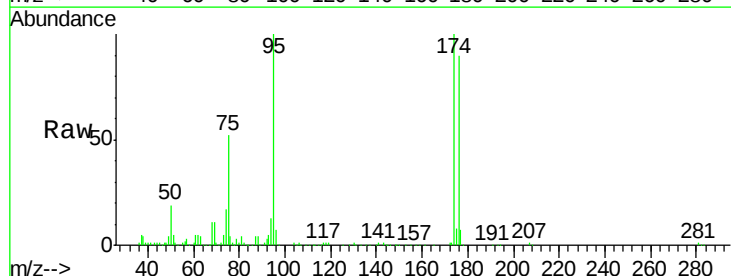
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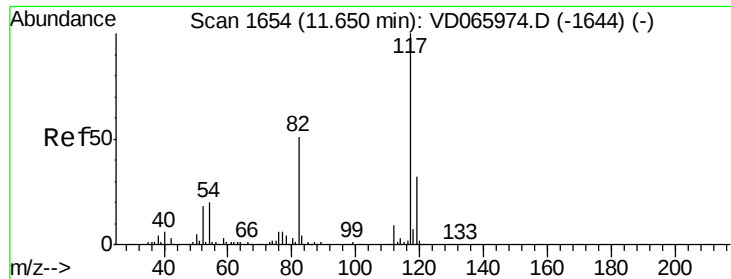
Tot Ion: 98 Resp: 488210
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 66.960 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066111.D
Acq: 30 Jul 2020 15:08

Tgt Ion: 95 Resp: 209187
Ion Ratio Lower Upper
95 100
174 95.6 0.0 178.8
176 90.4 0.0 172.6

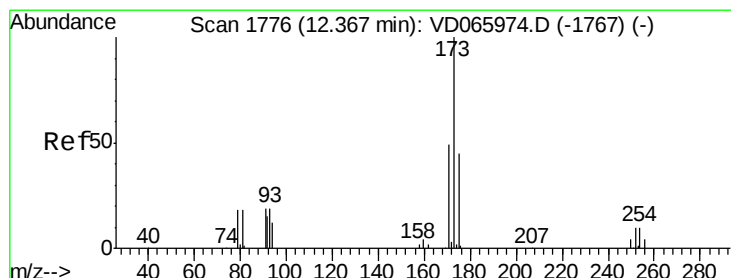
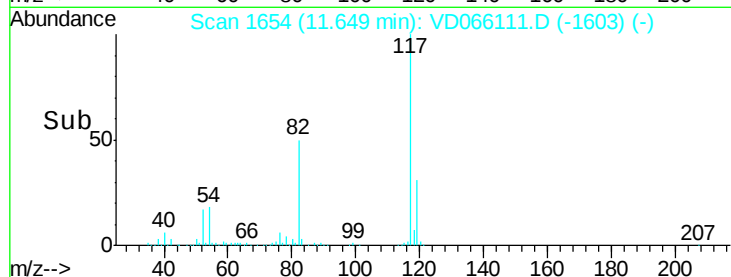
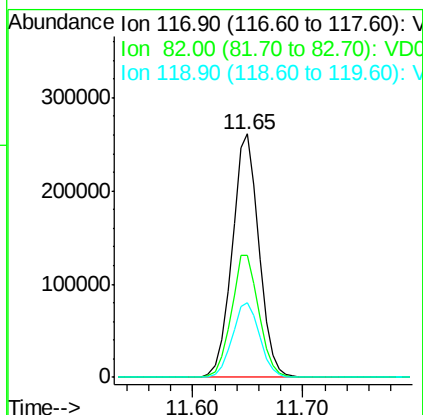
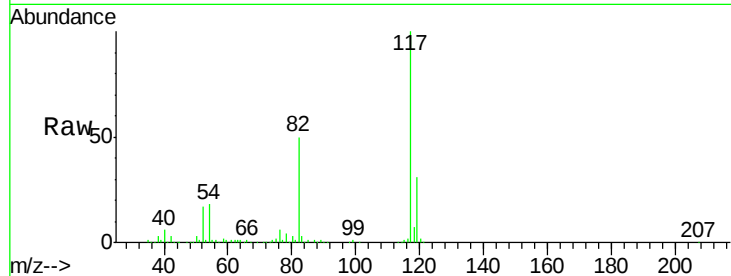




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066111.D
Acq: 30 Jul 2020 15:08

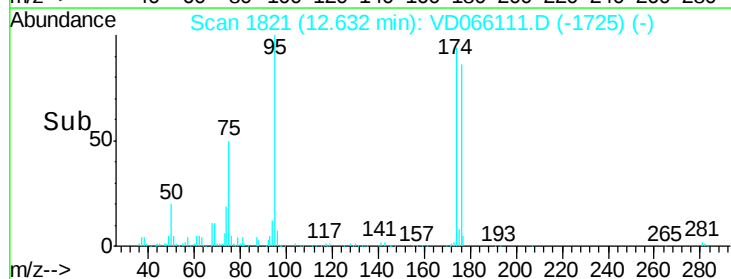
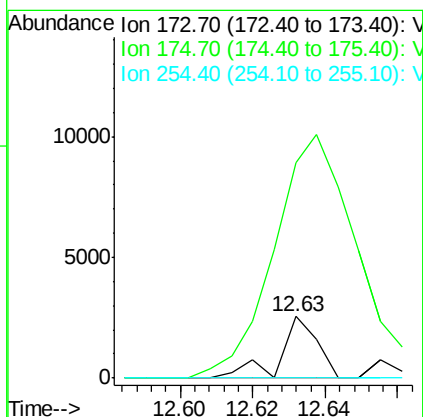
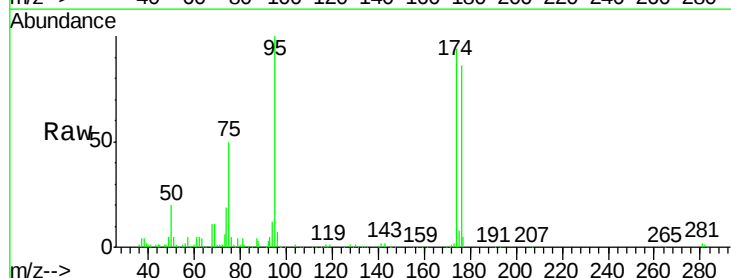
Instrument :
MSVOA_D
ClientSampleId :
JTY1-SB-03-2-3

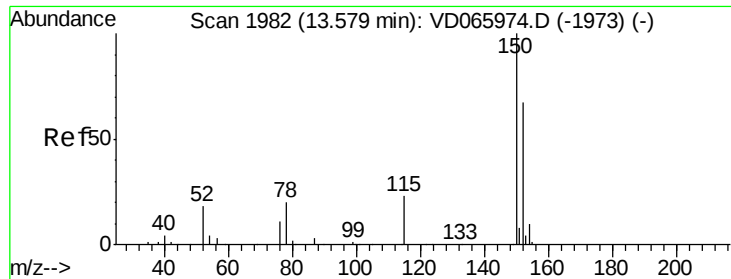
Tot Ion:117 Resp: 442365
Ion Ratio Lower Upper
117 100
82 50.0 41.1 61.7
119 30.6 25.9 38.9



#71
Bromoform
Concen: 1.036 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.26 min
Lab File: VD066111.D
Acq: 30 Jul 2020 15:08

Tgt Ion:173 Resp: 1815
Ion Ratio Lower Upper
173 100
175 696.7 24.1 72.3#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD066111.D

Acq: 30 Jul 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-03-2-3

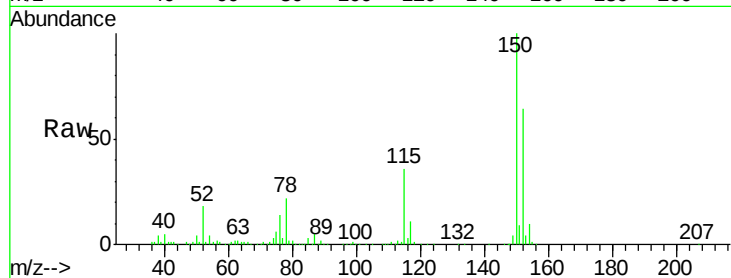
Tot Ion:152 Resp: 238305

Ion Ratio Lower Upper

152 100

115 56.8 27.9 83.7

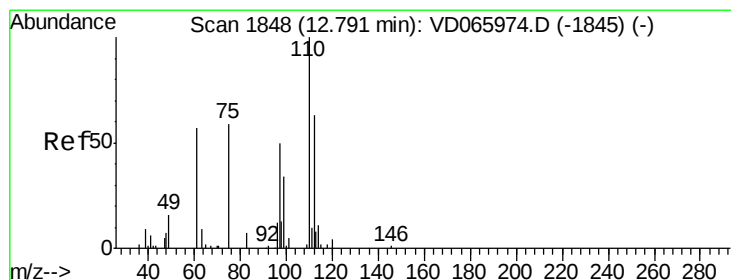
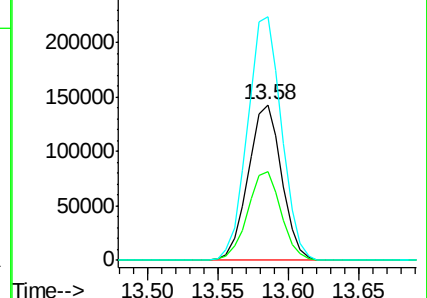
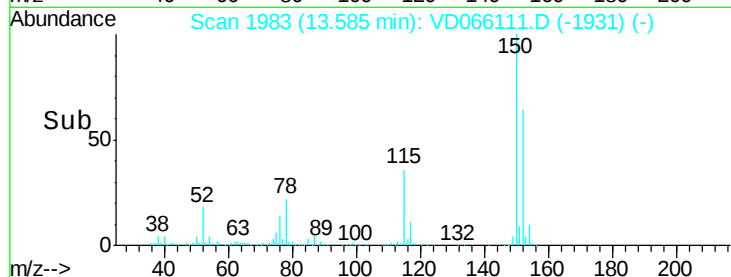
150 159.0 0.0 348.2



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: 60.915 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD066111.D

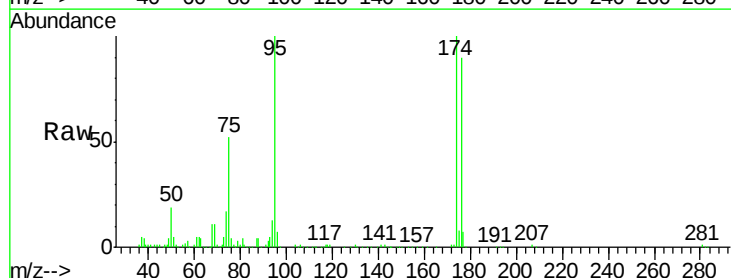
Acq: 30 Jul 2020 15:08

Tgt Ion: 75 Resp: 109301

Ion Ratio Lower Upper

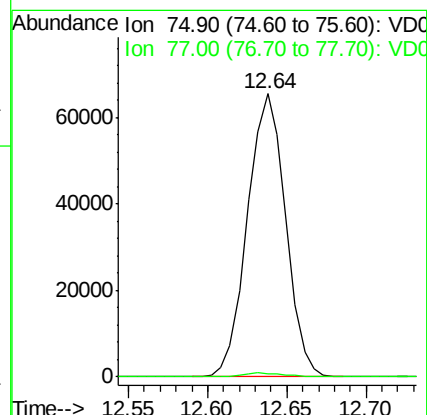
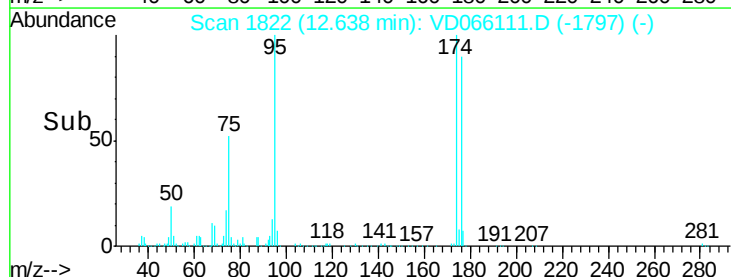
75 100

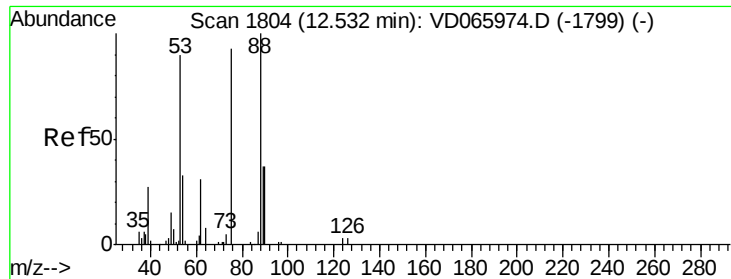
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

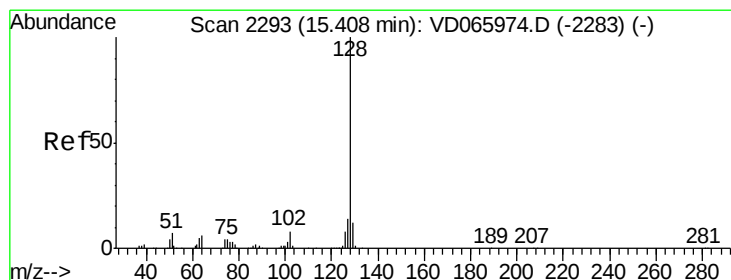
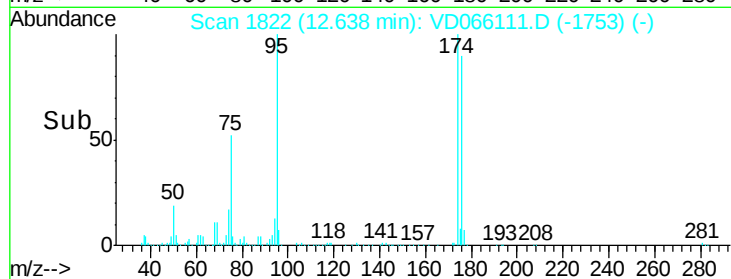
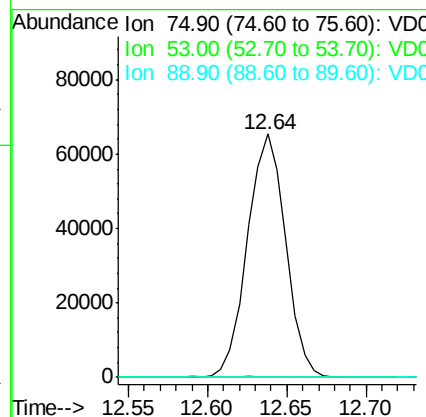
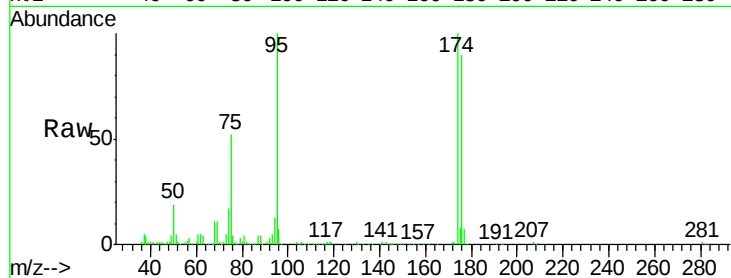




#81
trans-1,4-Dichloro-2-butene
Concen: 139.779 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD066111.D
Acq: 30 Jul 2020 15:08

Instrument :
MSVOA_D
ClientSampleId :
JTY1-SB-03-2-3

Tot Ion: 75 Resp: 109301
Ion Ratio Lower Upper
75 100
53 0.4 76.8 115.2#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 3.575 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066111.D
Acq: 30 Jul 2020 15:08

Tgt Ion: 128 Resp: 225
Ion Ratio Lower Upper
128 100
127 27.1 10.8 16.2#
129 0.0 8.9 13.3#

