

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072920\
 Data File : VD066086.D
 Acq On : 29 Jul 2020 12:10
 Operator : VA/SY
 Sample : L3183-18
 Misc : 7.55G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 01:29:27 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

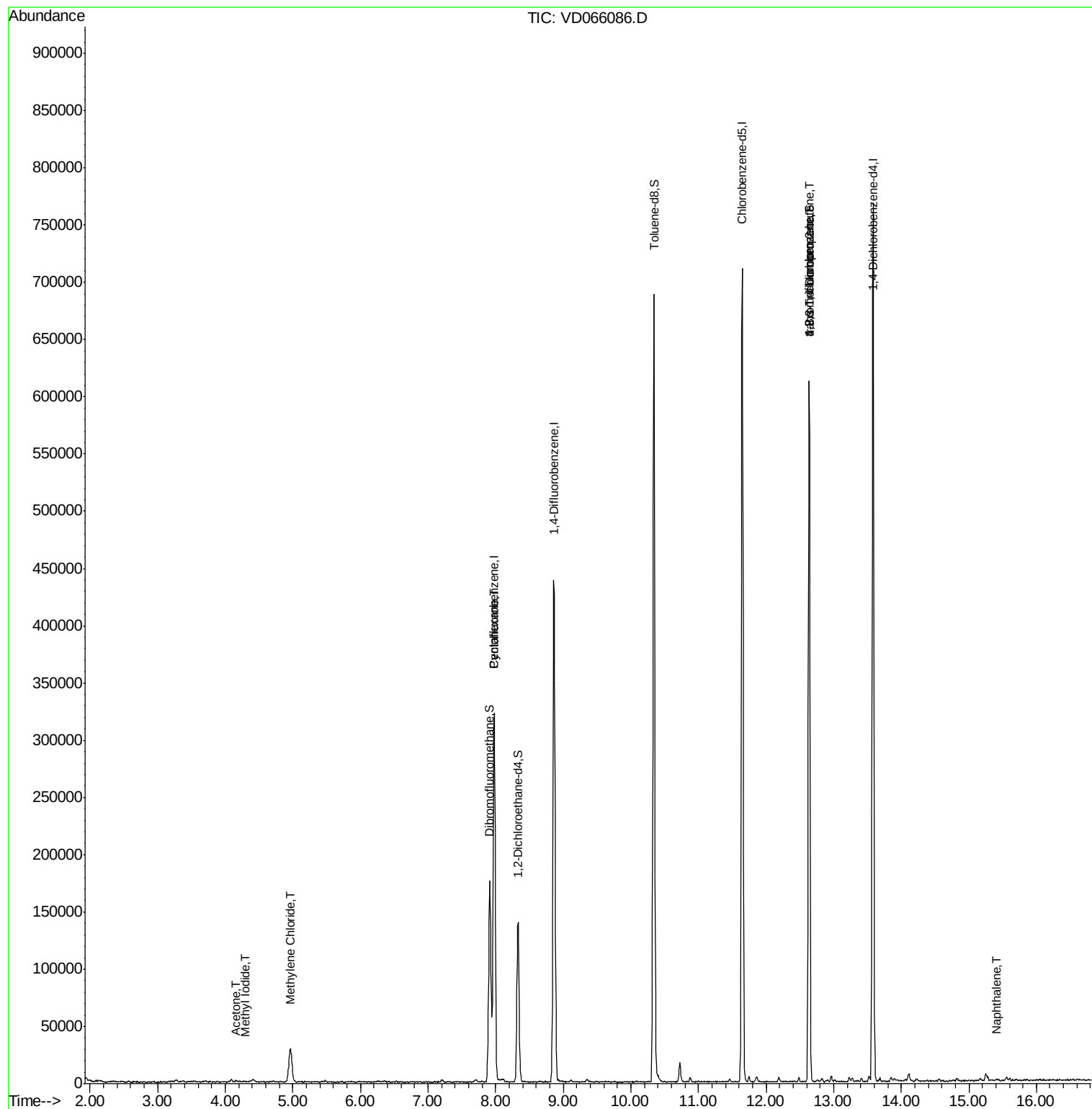
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	254650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	398801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	420555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	213864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	112388	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.48%	
35) Dibromofluoromethane	7.91	113	122708	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	10.34	98	480820	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
62) 4-Bromofluorobenzene	12.64	95	190419	60.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.90%	
Target Compounds						
5) Bromomethane	2.79	94	308	Below Cal		92
10) Methyl Iodide	4.30	142	823	9.117 ug/l #		42
16) Acetone	4.16	43	1600	3.815 ug/l #		84
20) Methylene Chloride	4.97	84	22815	7.306 ug/l		97
31) Cyclohexane	7.98	56	5419	1.454 ug/l #		1
76) 1,2,3-Trichloropropane	12.64	75	98448	61.137 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.64	75	98448	140.288 ug/l #		11
95) Naphthalene	15.41	128	1623	3.769 ug/l #		80

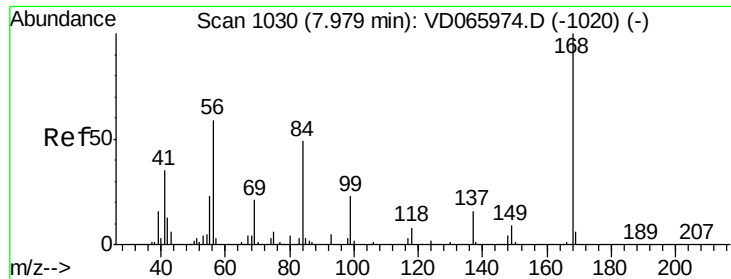
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 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: VD066086.D

Acq: 29 Jul 2020 12:10

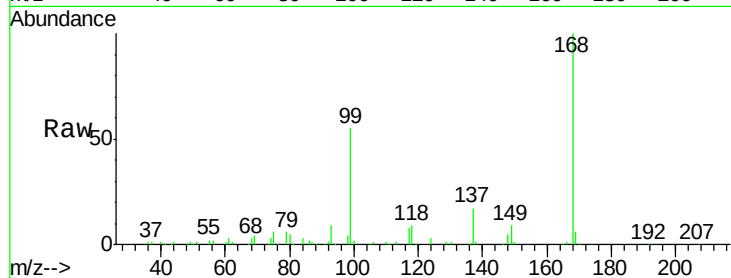
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 254650

Ion Ratio Lower Upper

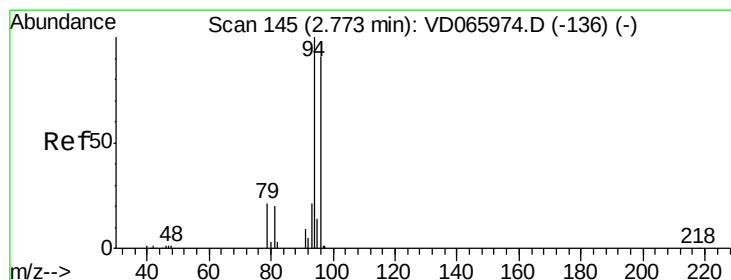
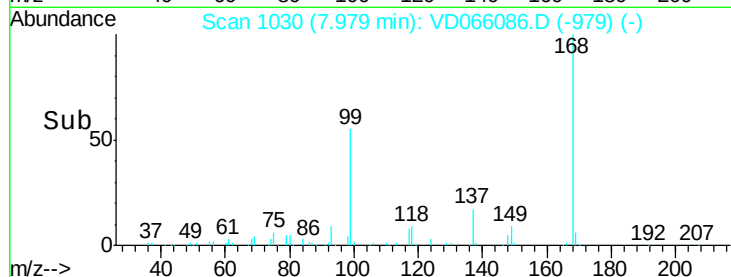
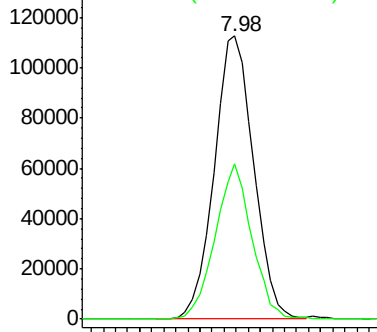
168 100

99 54.6 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: 2.79 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD066086.D

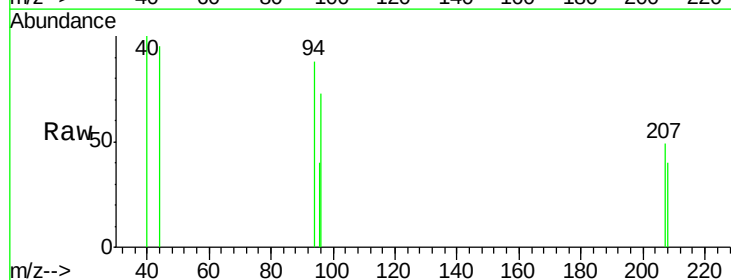
Acq: 29 Jul 2020 12:10

Tgt Ion: 94 Resp: 308

Ion Ratio Lower Upper

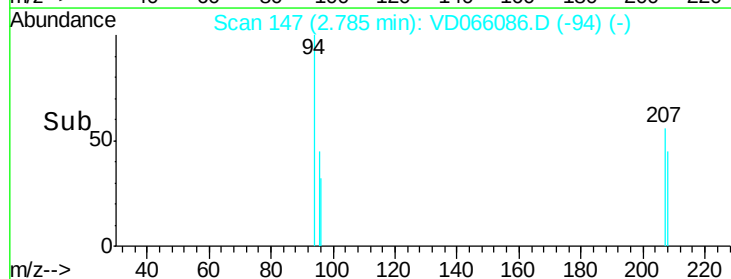
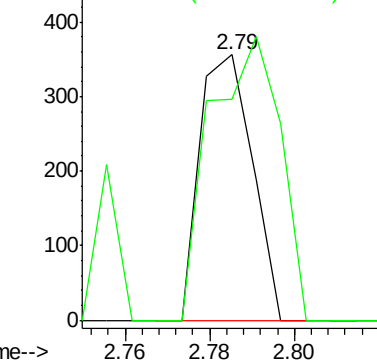
94 100

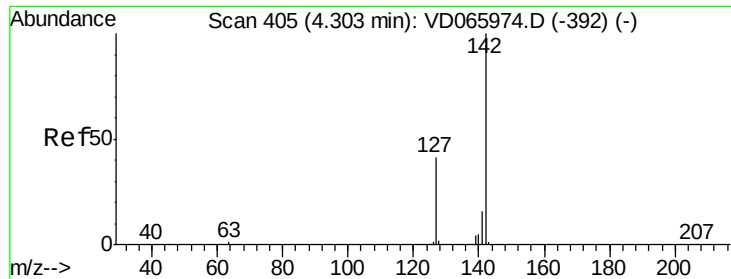
96 83.4 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

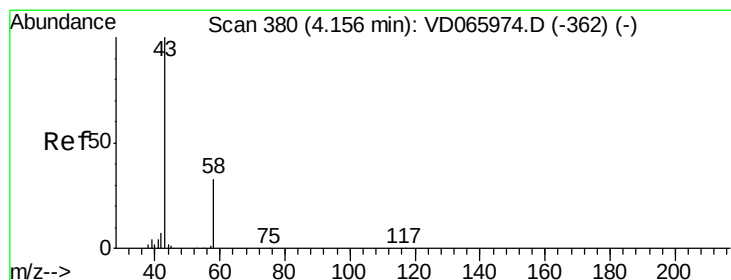
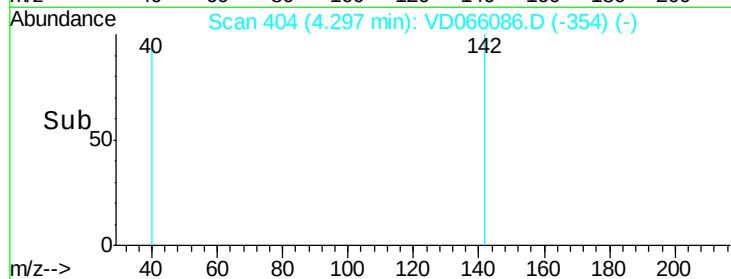
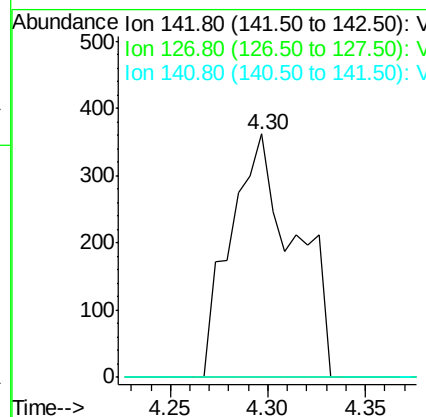
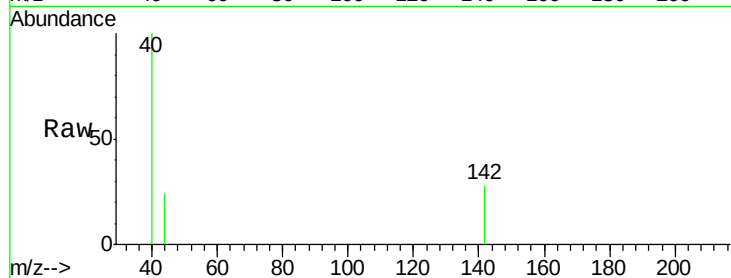




#10
Methvl Iodide
Concen: 9.117 ug/l
RT: 4.30 min Scan# 404
Delta R.T. -0.01 min
Lab File: VD066086.D
Acq: 29 Jul 2020 12:10

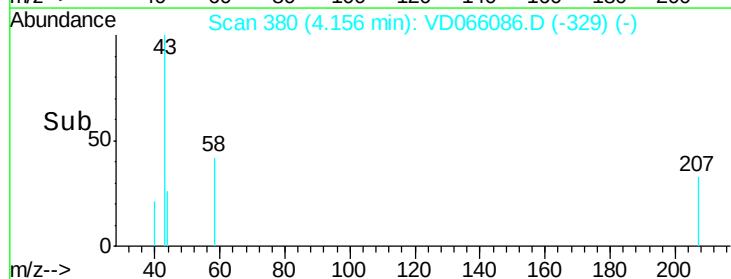
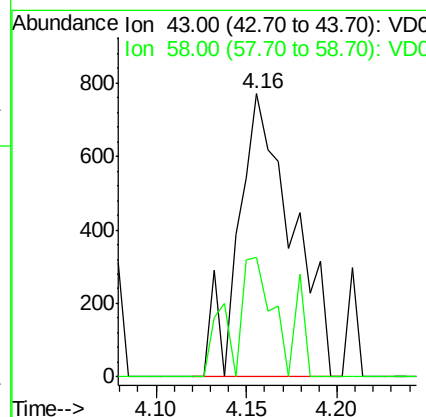
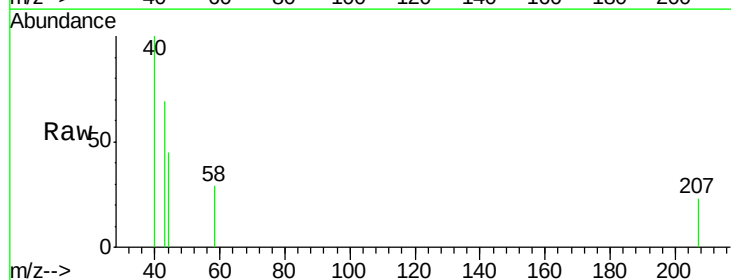
Instrument :
MSVOA_D
ClientSampled :

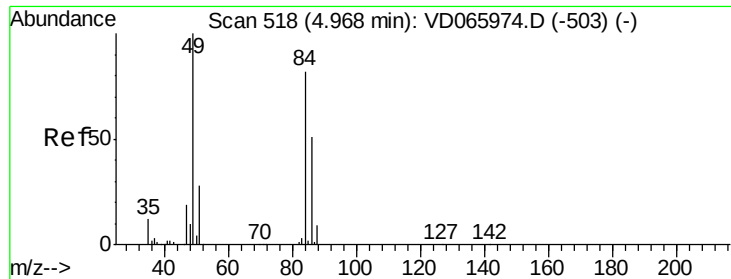
Tot Ion:142 Resp: 823
Ion Ratio Lower Upper
142 100
127 0.0 32.9 49.3#
141 0.0 11.8 17.6#



#16
Acetone
Concen: 3.815 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.00 min
Lab File: VD066086.D
Acq: 29 Jul 2020 12:10

Tgt Ion: 43 Resp: 1600
Ion Ratio Lower Upper
43 100
58 42.2 26.3 39.5#

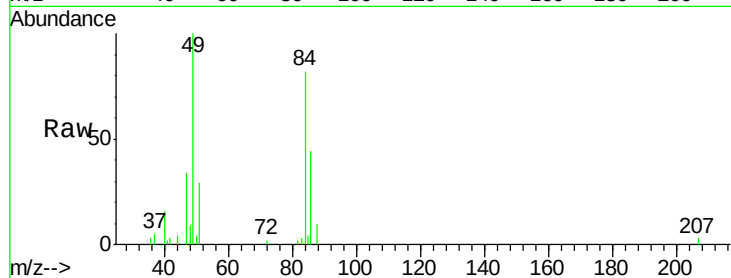




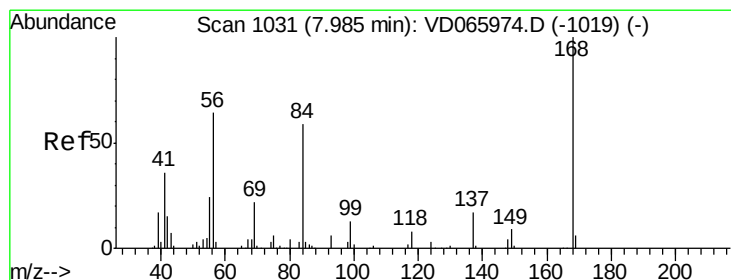
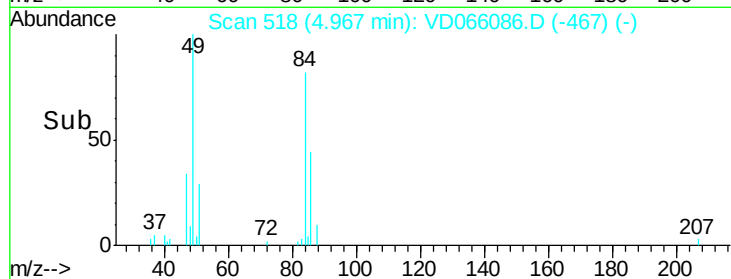
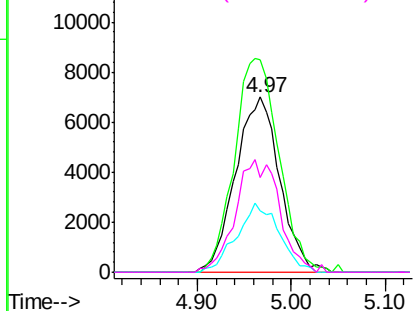
#20
Methylene Chloride
Concen: 7.306 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066086.D
Acq: 29 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 22815
Ion Ratio Lower Upper
84 100
49 121.7 97.7 146.5
51 35.3 27.4 41.2
86 54.0 49.4 74.2

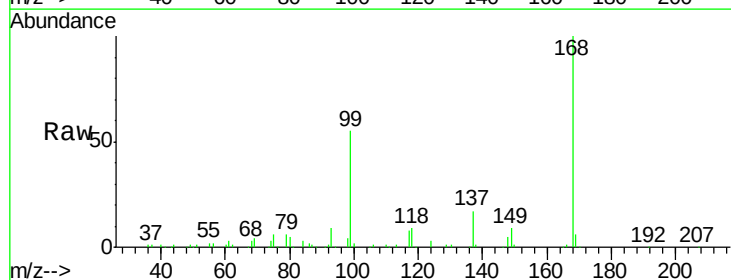


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

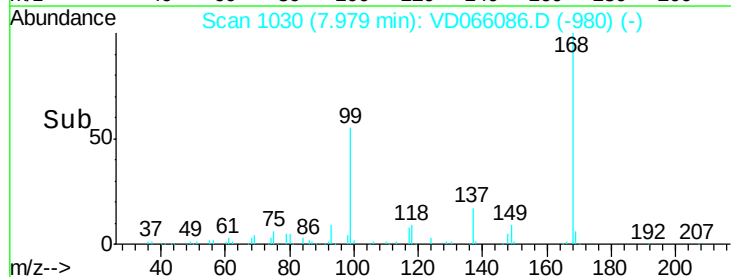
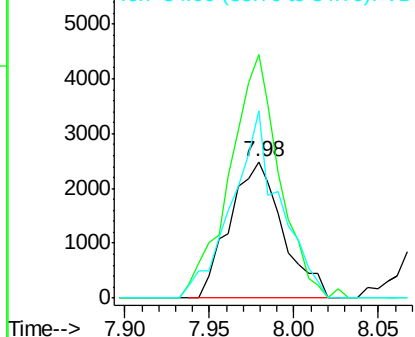


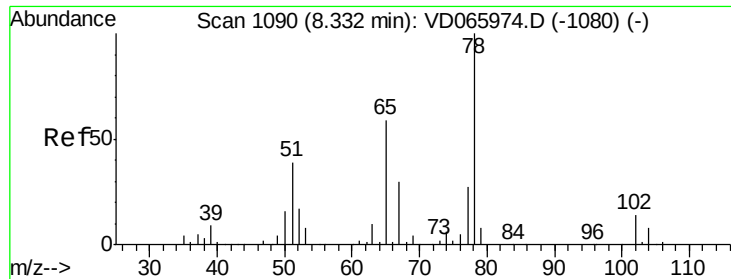
#31
Cyclohexane
Concen: 1.454 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066086.D
Acq: 29 Jul 2020 12:10

Tgt Ion: 56 Resp: 5419
Ion Ratio Lower Upper
56 100
69 171.7 28.0 42.0#
84 137.8 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

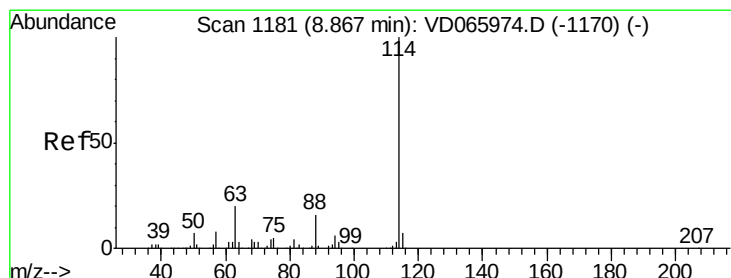
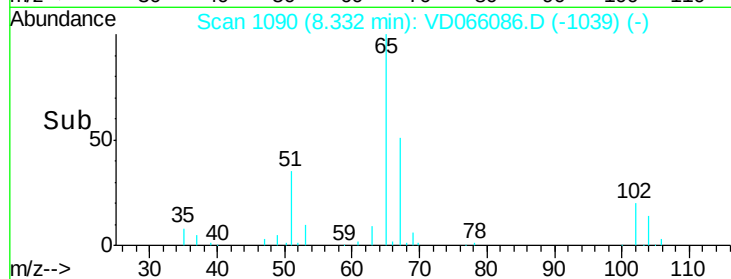
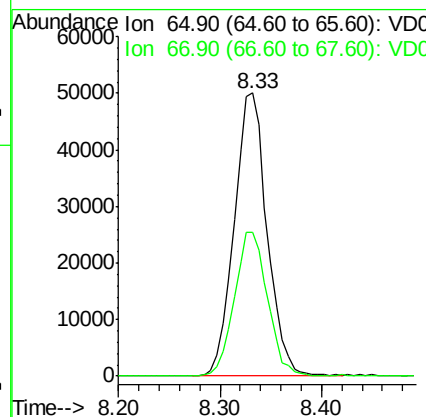
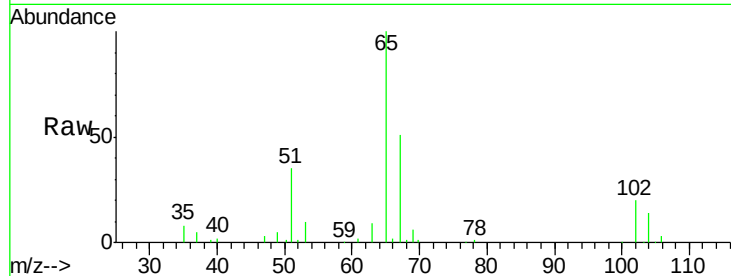




#33
 1,2-Dichloroethane-d4
 Concen: 54.240 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066086.D
 Acq: 29 Jul 2020 12:10

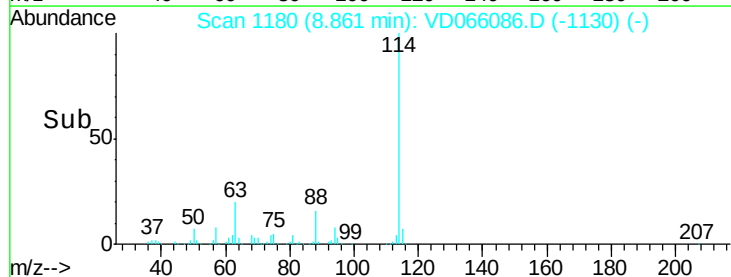
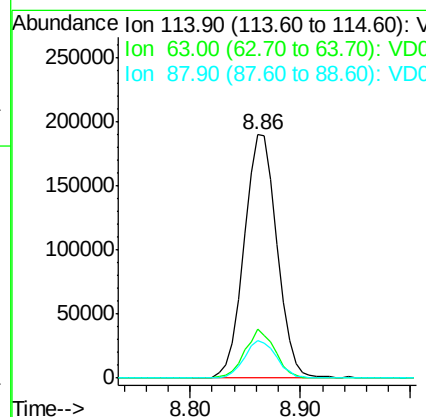
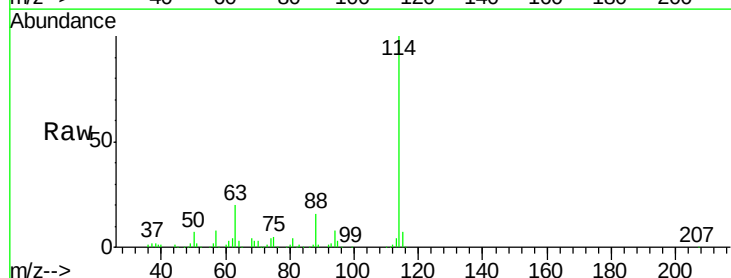
Instrument :
 MSVOA_D
 ClientSampled :

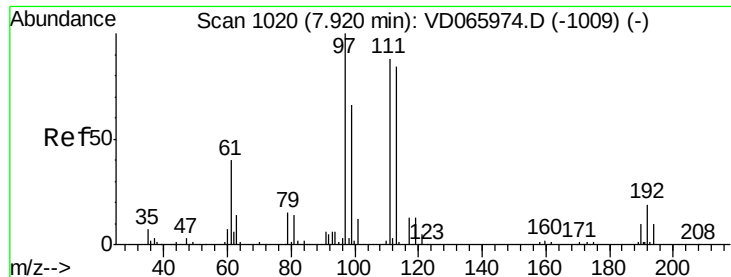
Tot Ion: 65 Resp: 112388
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD066086.D
 Acq: 29 Jul 2020 12:10

Tgt Ion: 114 Resp: 398801
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 15.7 0.0 31.2

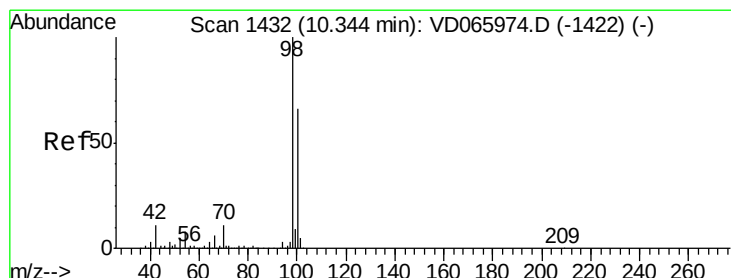
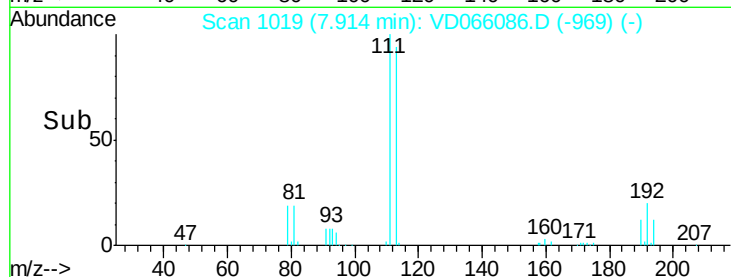
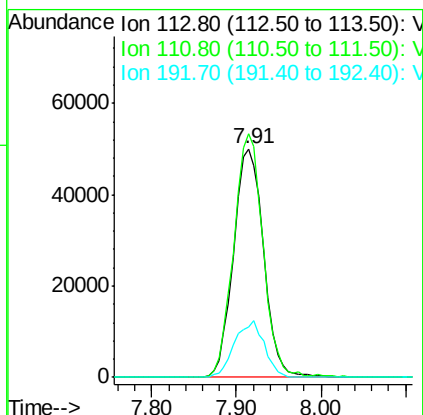
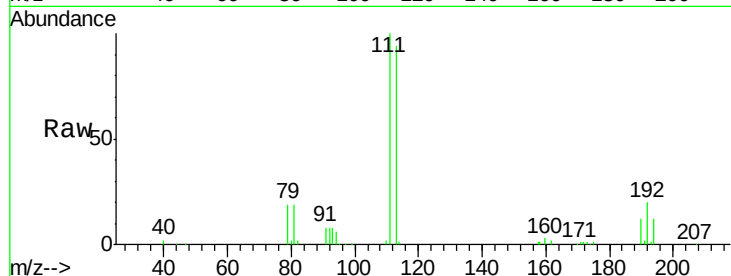




#35
 Dibromofluoromethane
 Concen: 50.730 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066086.D
 Acq: 29 Jul 2020 12:10

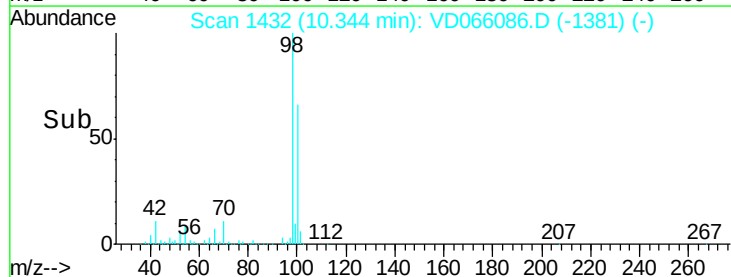
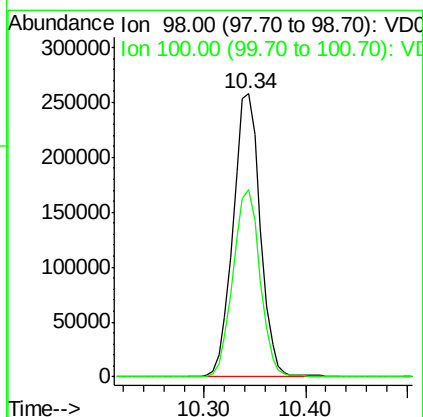
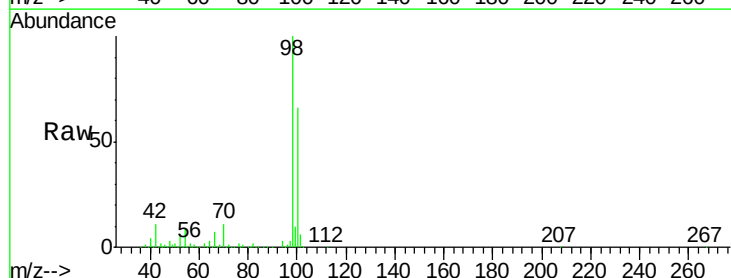
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 ClientSampleId :

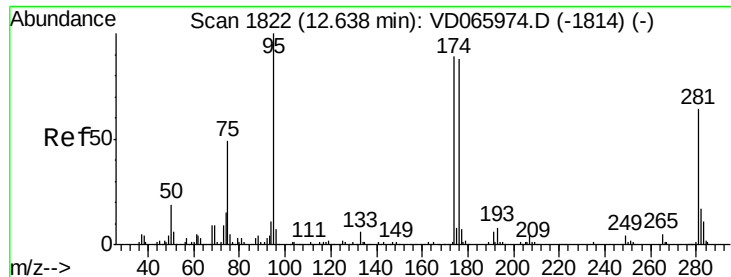
Tot Ion:113 Resp: 122708
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.2 124.8
 192 24.5 18.7 28.1



#50
 Toluene-d8
 Concen: 53.360 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD066086.D
 Acq: 29 Jul 2020 12:10

Tgt Ion: 98 Resp: 480820
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.7 79.1

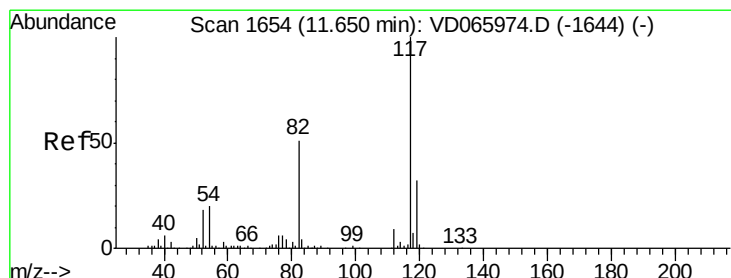
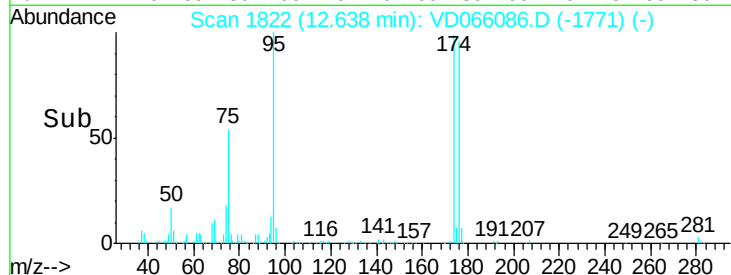
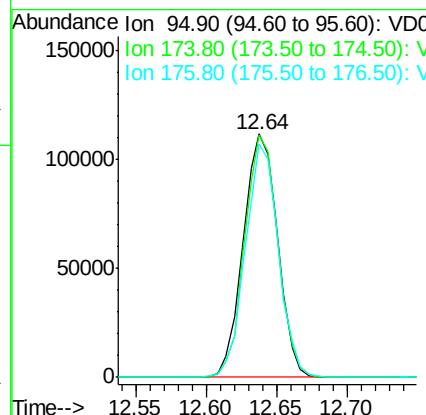
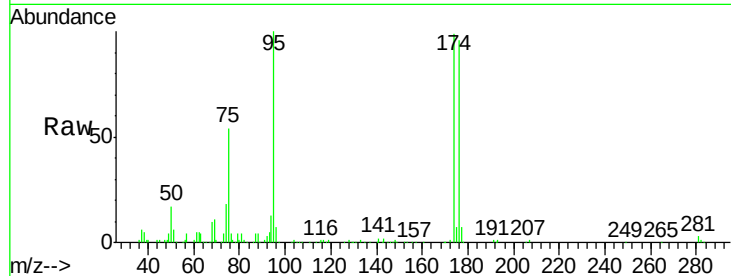




#62
4-Bromofluorobenzene
Concen: 60.946 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066086.D
Acq: 29 Jul 2020 12:10

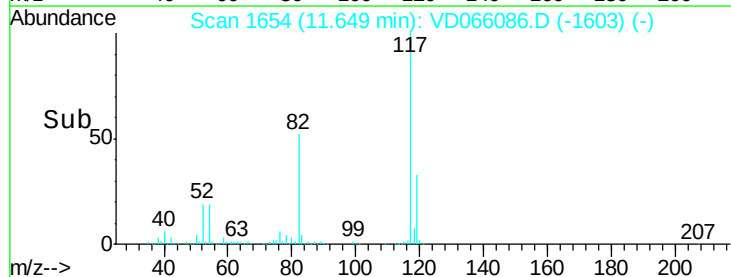
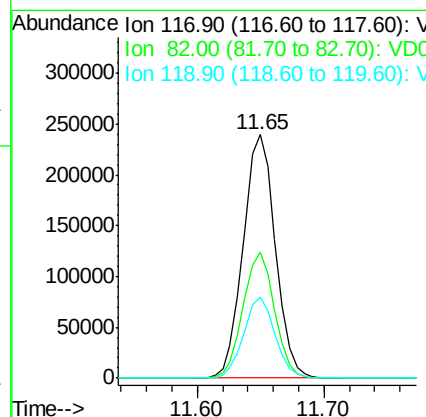
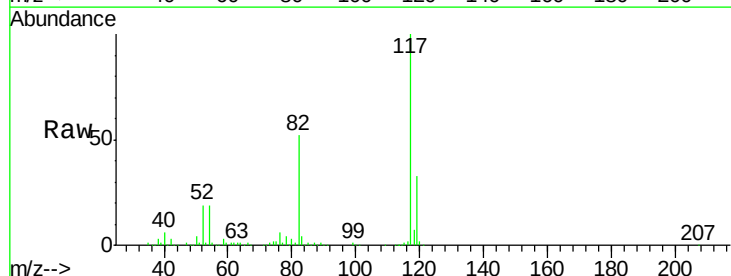
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MSVOA_D
ClientSampled :

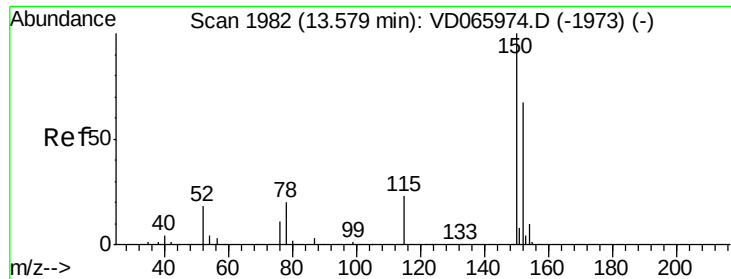
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	178.8
176	92.0	0.0	172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066086.D
Acq: 29 Jul 2020 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.1	61.7
119	33.5	25.9	38.9



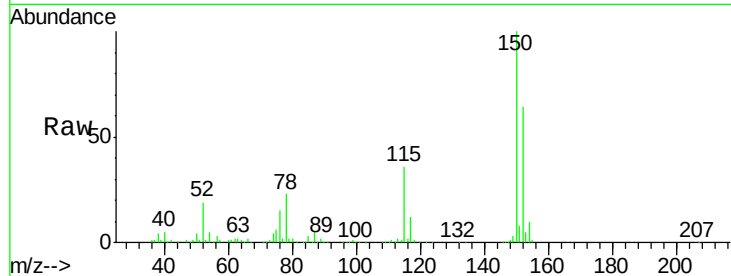


#72

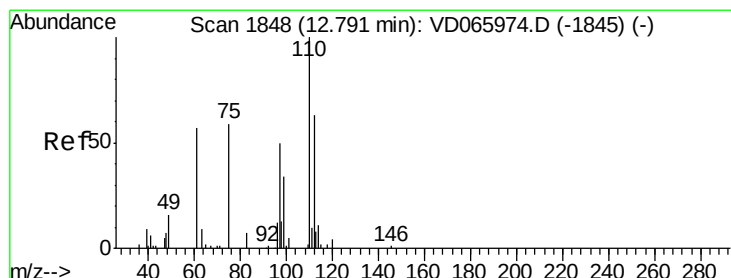
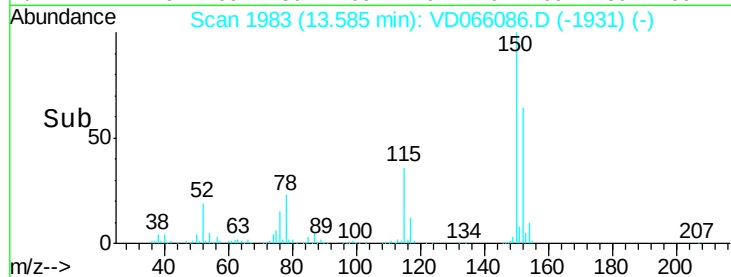
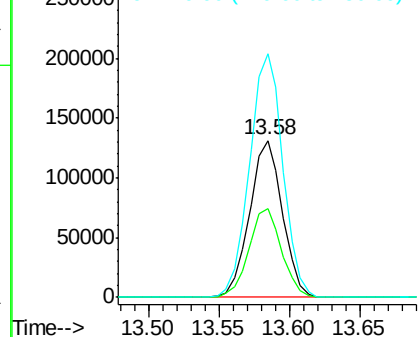
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066086.D
Acq: 29 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 213864
Ion Ratio Lower Upper
152 100
115 56.2 27.9 83.7
150 157.8 0.0 348.2



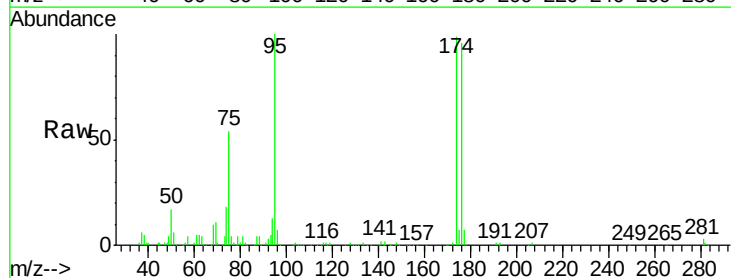
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



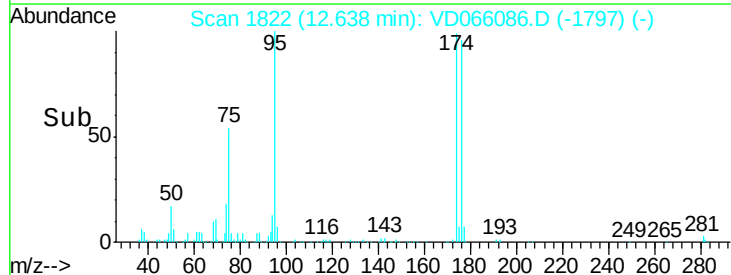
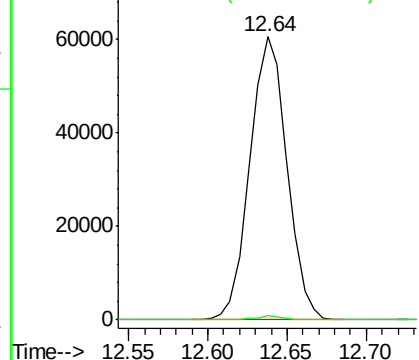
#76

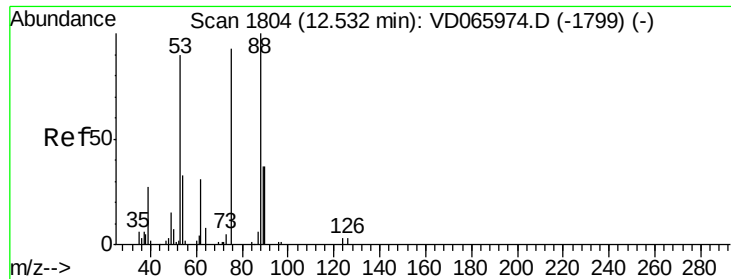
1,2,3-Trichloropropane
Concen: 61.137 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD066086.D
Acq: 29 Jul 2020 12:10

Tgt Ion: 75 Resp: 98448
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC

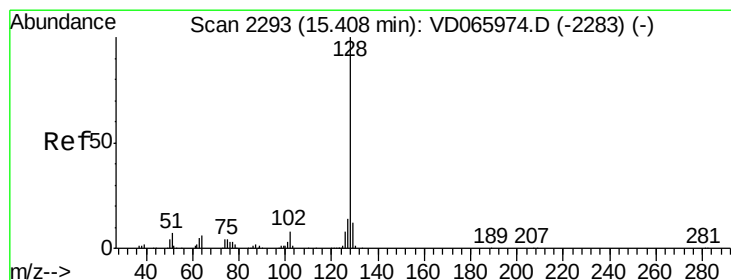
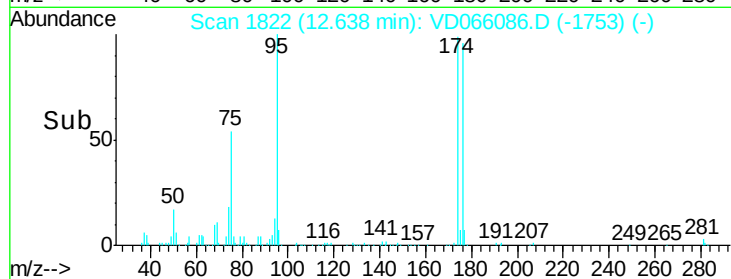
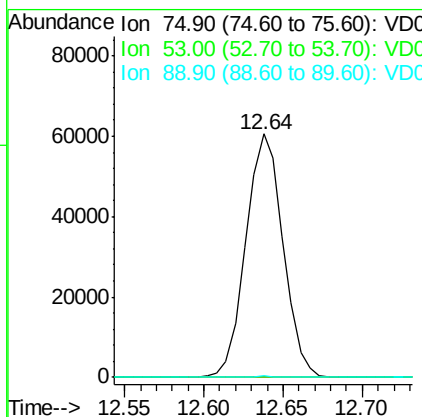
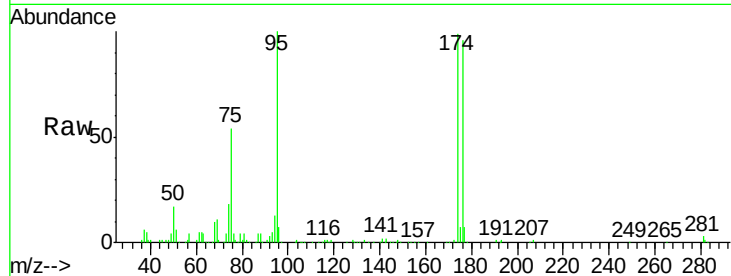




#81
trans-1,4-Dichloro-2-butene
Concen: 140.288 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD066086.D
Acq: 29 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 98448
Ion Ratio Lower Upper
75 100
53 0.0 76.8 115.2#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 3.769 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066086.D
Acq: 29 Jul 2020 12:10

Tgt Ion:128 Resp: 1623
Ion Ratio Lower Upper
128 100
127 8.3 10.8 16.2#
129 0.0 8.9 13.3#

