

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065094.D
 Acq On : 06 Feb 2020 18:46
 Operator : VA/SY
 Sample : L1393-07RE
 Misc : 6.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 07 06:10:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

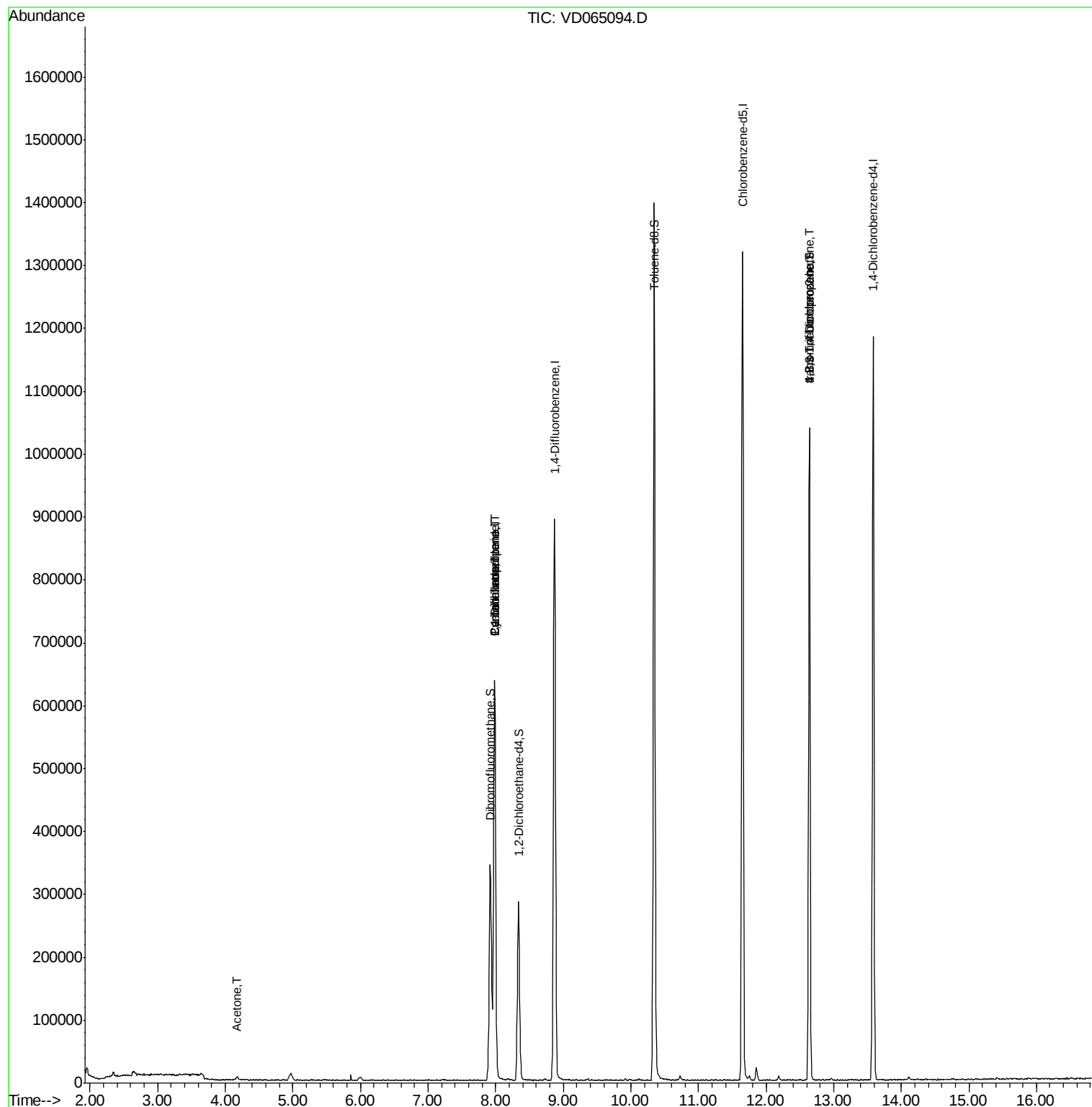
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	479106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	773279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	755549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	321057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	229020	56.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.48%	
35) Dibromofluoromethane	7.92	113	241214	55.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.82%	
50) Toluene-d8	10.34	98	949652	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	
62) 4-Bromofluorobenzene	12.64	95	311696	57.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.56%	
Target Compounds						
16) Acetone	4.17	43	10362	10.178	ug/l	99
20) Methylene Chloride	4.96	84	7909	Below Cal	#	77
31) Cyclohexane	7.98	56	11127	1.374	ug/l #	12
36) 1,1-Dichloropropene	7.98	75	35675	4.962	ug/l #	48
38) Carbon Tetrachloride	7.98	117	46267	6.300	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	161771	66.552	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	161771	133.099	ug/l #	10

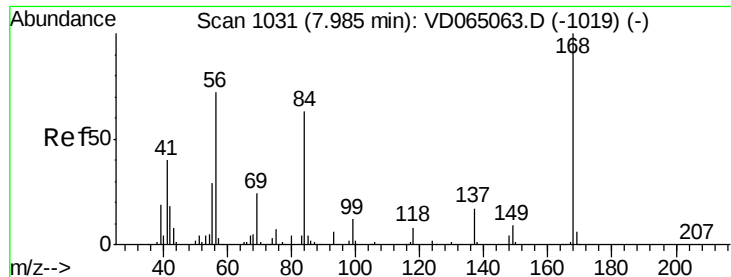
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 07 06:10:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065094.D

Acq: 06 Feb 2020 18:46

Instrument :

MSVOA_D

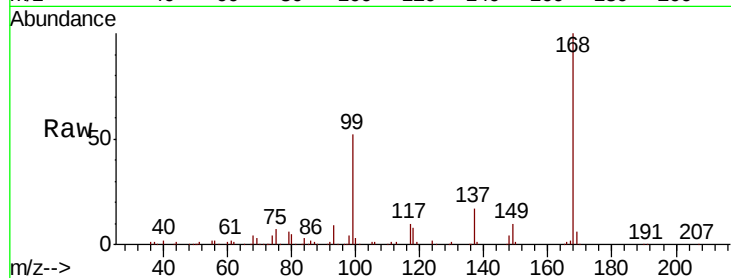
ClientSampleId :

Tot Ion:168 Resp: 479106

Ion Ratio Lower Upper

168 100

99 52.4 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

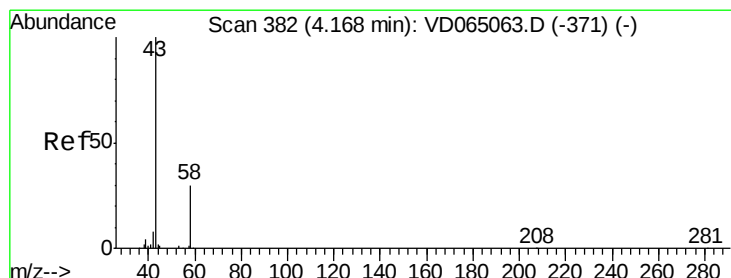
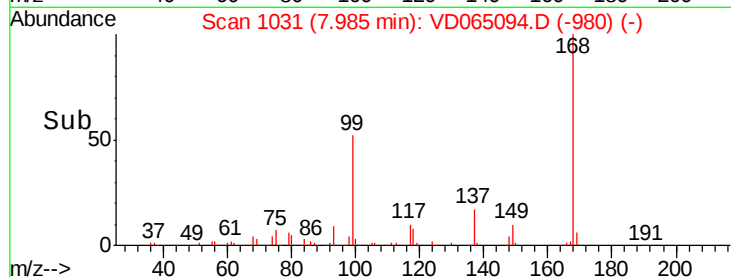
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.178 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065094.D

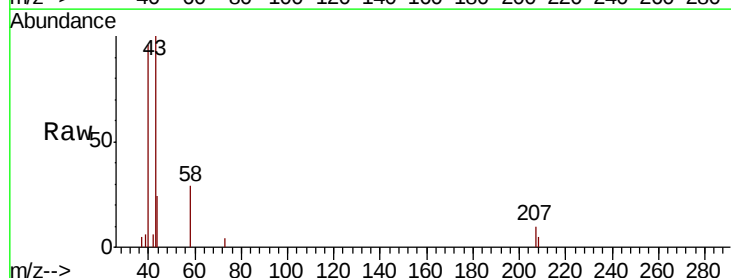
Acq: 06 Feb 2020 18:46

Tgt Ion: 43 Resp: 10362

Ion Ratio Lower Upper

43 100

58 29.0 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

4000

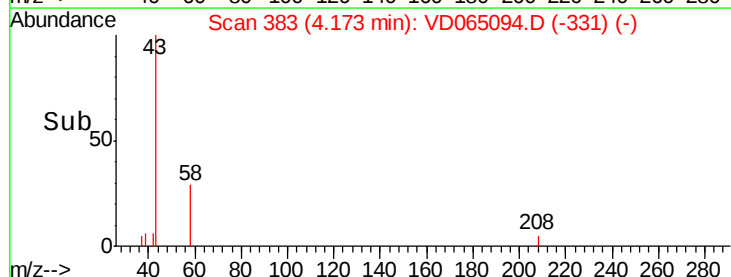
3000

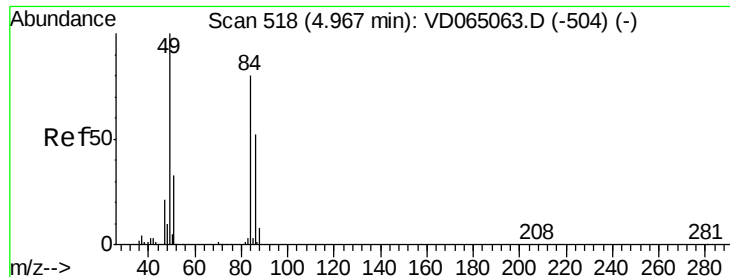
2000

1000

0

Time-->

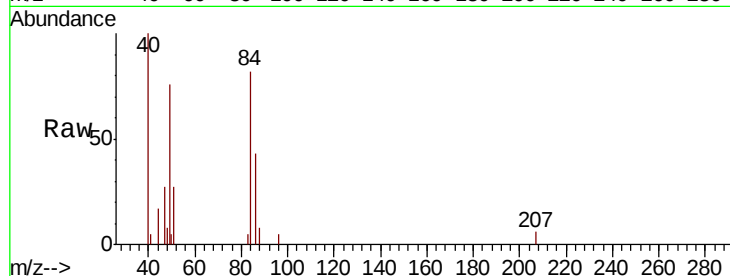




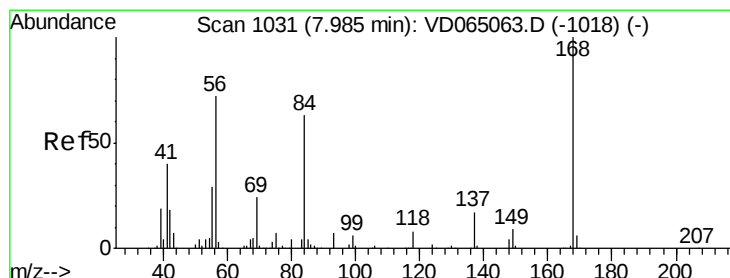
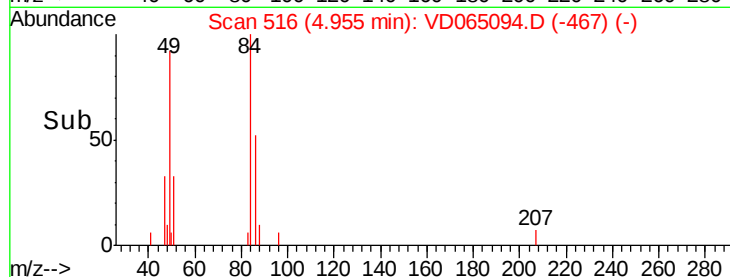
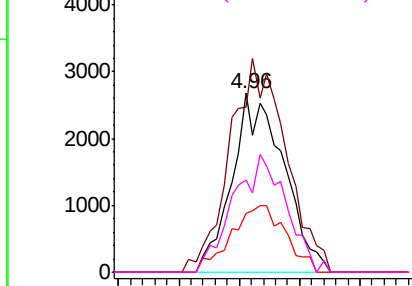
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065094.D
Acq: 06 Feb 2020 18:46

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 7909
Ion Ratio Lower Upper
84 100
49 92.3 100.4 150.6#
51 33.0 32.7 49.1
86 51.8 52.4 78.6#

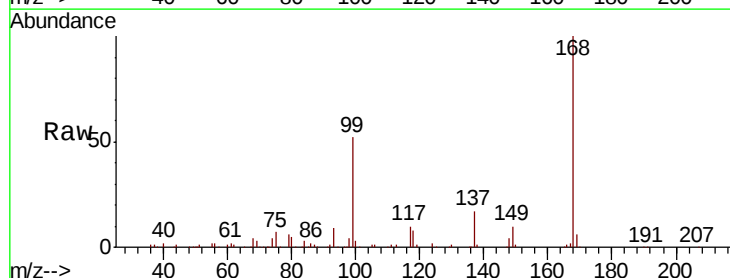


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

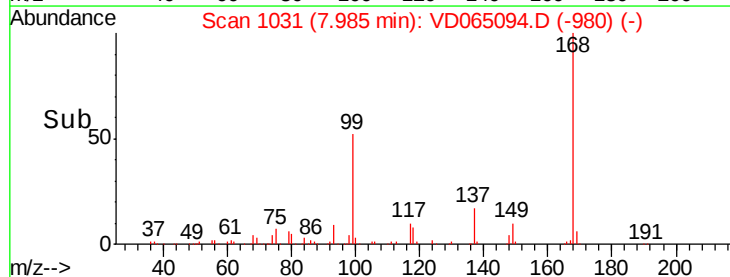
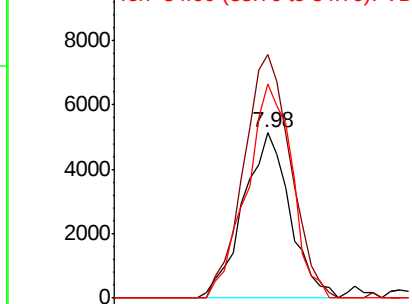


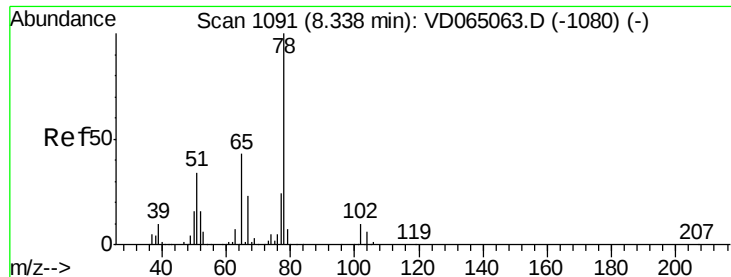
#31
Cyclohexane
Concen: 1.374 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065094.D
Acq: 06 Feb 2020 18:46

Tgt Ion: 56 Resp: 11127
Ion Ratio Lower Upper
56 100
69 147.5 26.6 40.0#
84 129.9 70.6 106.0#



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

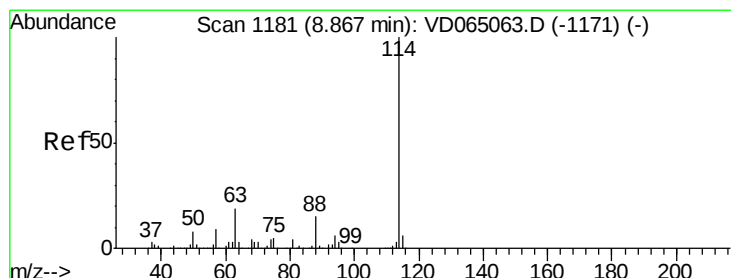
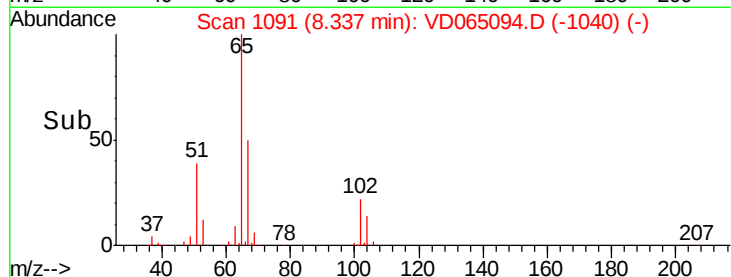
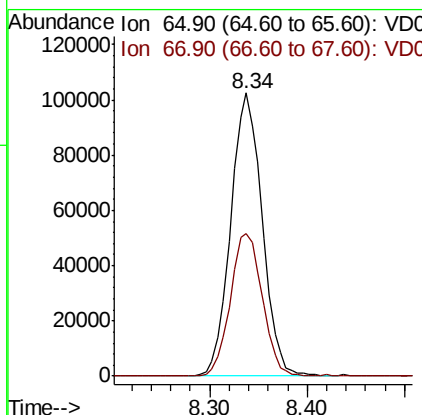
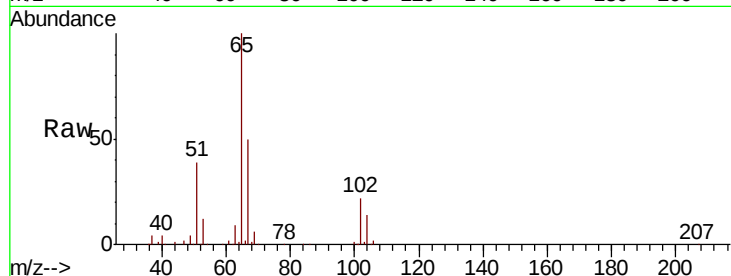




#33
 1,2-Dichloroethane-d4
 Concen: 56.243 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065094.D
 Acq: 06 Feb 2020 18:46

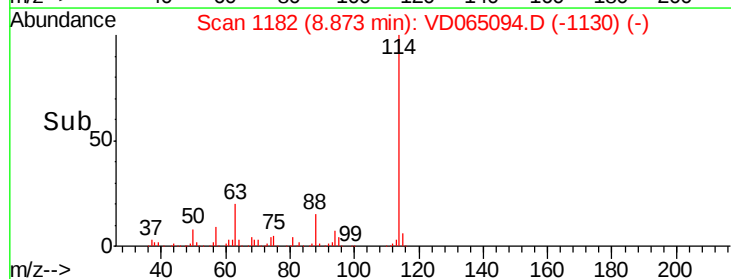
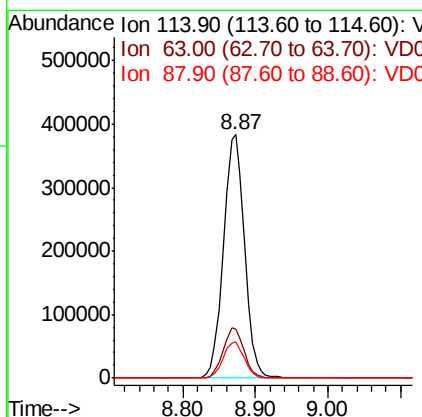
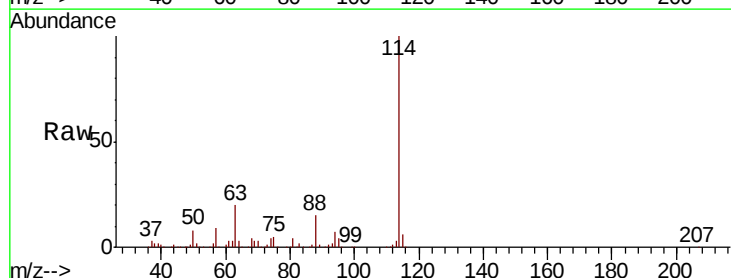
Instrument :
 MSVOA_D
 ClientSampled :

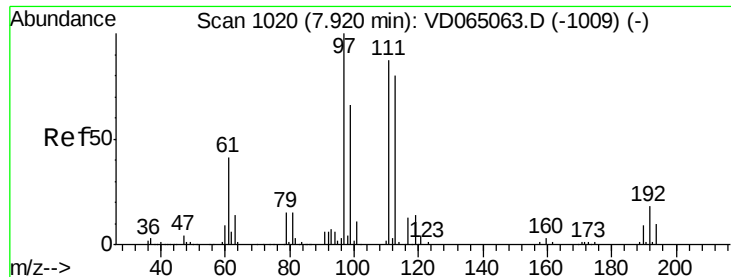
Tot Ion: 65 Resp: 229020
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065094.D
 Acq: 06 Feb 2020 18:46

Tgt Ion: 114 Resp: 773279
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.8
 88 14.9 0.0 29.6

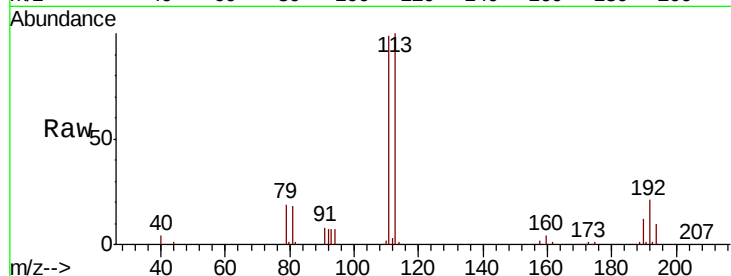




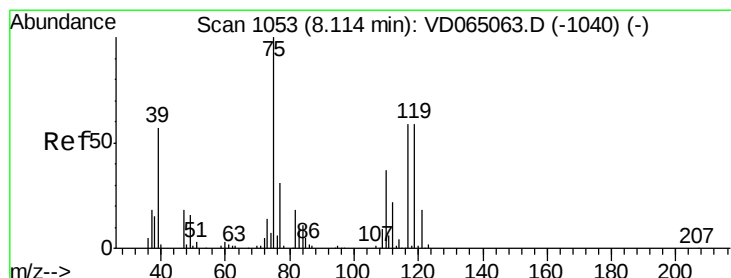
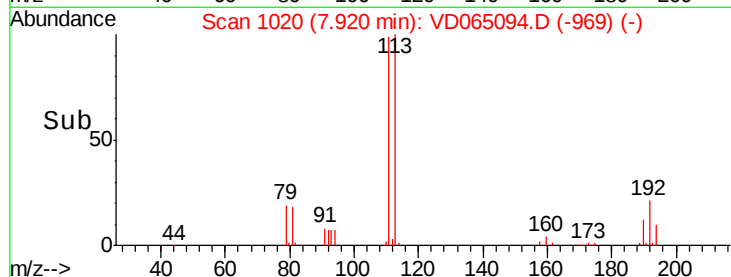
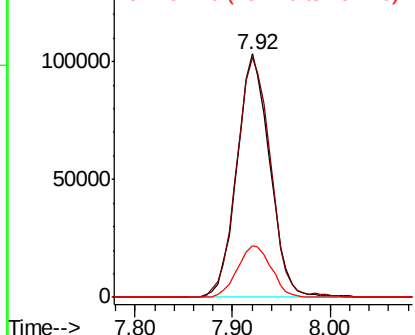
#35
 Dibromofluoromethane
 Concen: 55.909 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065094.D
 Acq: 06 Feb 2020 18:46

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.1	124.7
192	22.0	18.1	27.1

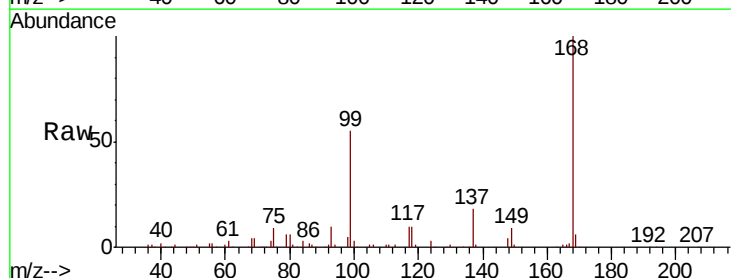


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

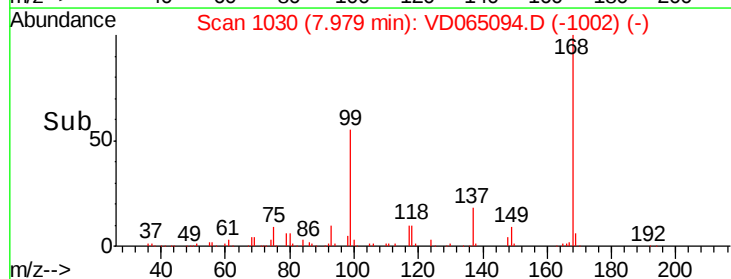
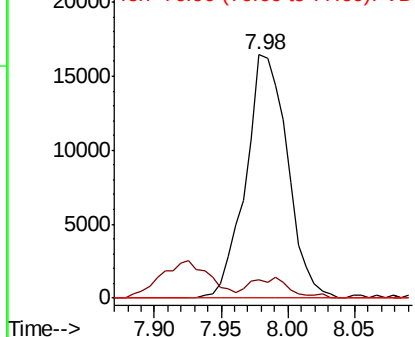


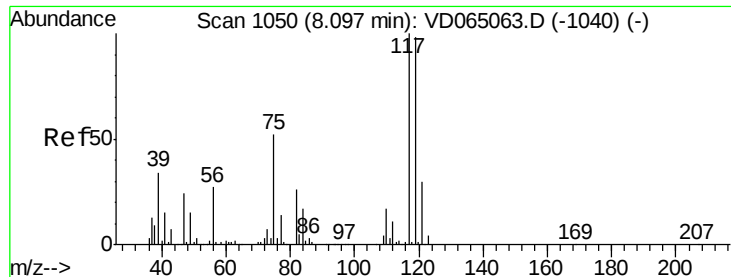
#36
 1,1-Dichloropropene
 Concen: 4.962 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065094.D
 Acq: 06 Feb 2020 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.1	54.3#
77	0.0	24.7	37.1#



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





#38

Carbon Tetrachloride

Concen: 6.300 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065094.D

Acq: 06 Feb 2020 18:46

Instrument :

MSVOA_D

ClientSampleId :

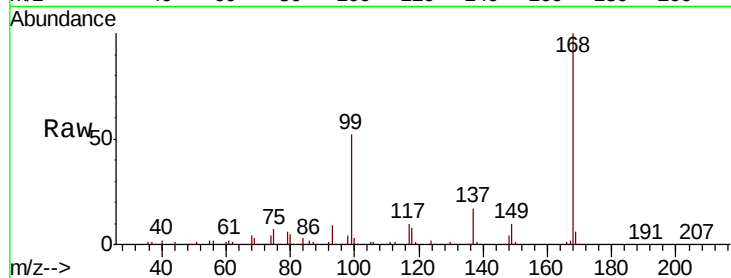
Tot Ion:117 Resp: 46267

Ion Ratio Lower Upper

117 100

119 5.2 78.5 117.7#

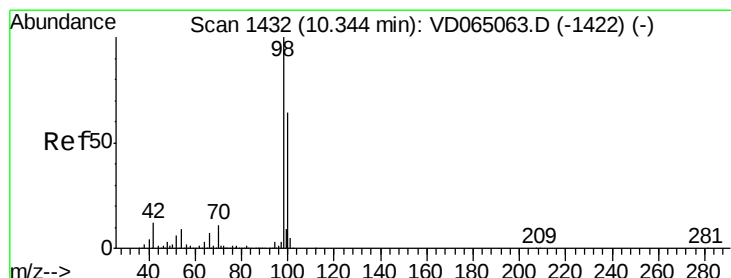
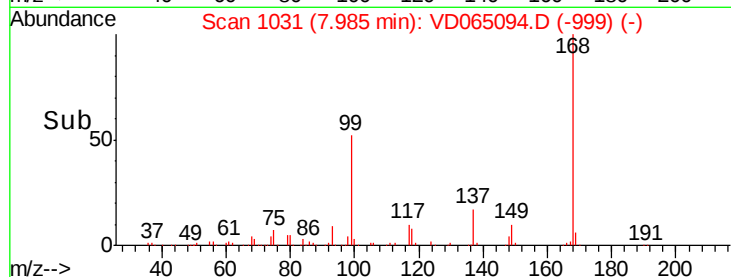
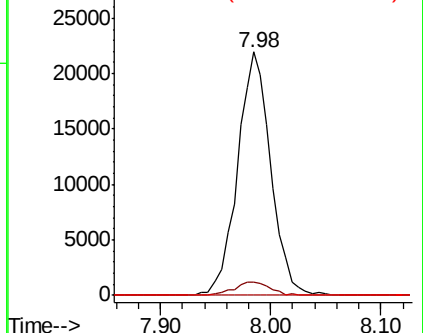
121 0.0 23.8 35.6#



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: 55.300 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065094.D

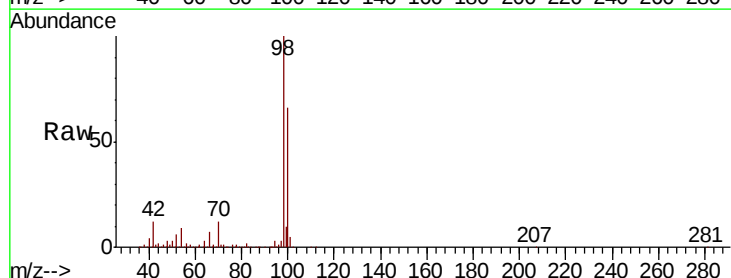
Acq: 06 Feb 2020 18:46

Tgt Ion: 98 Resp: 949652

Ion Ratio Lower Upper

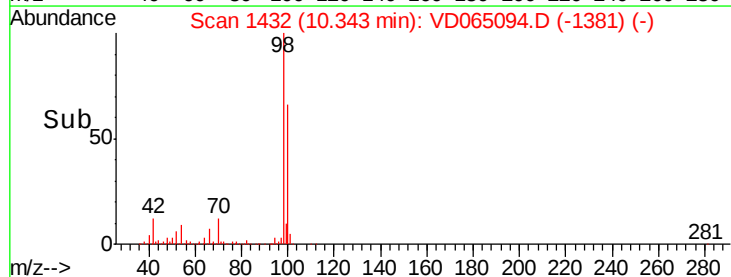
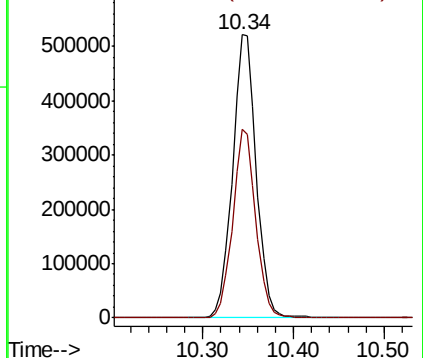
98 100

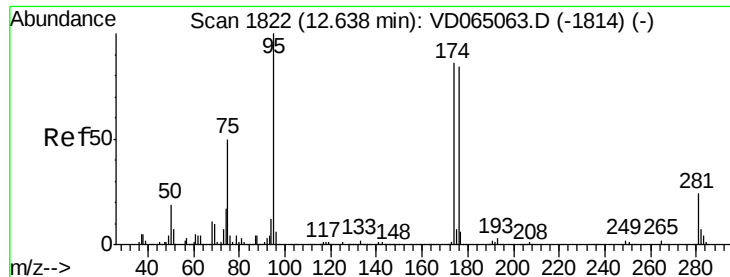
100 64.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

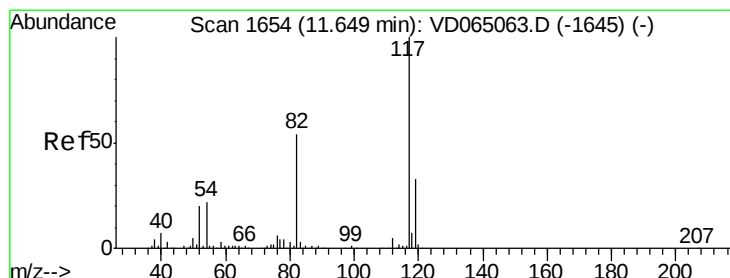
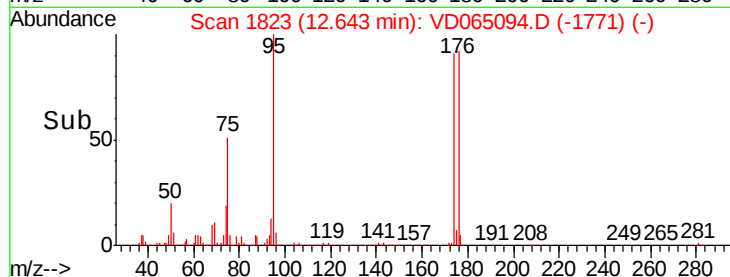
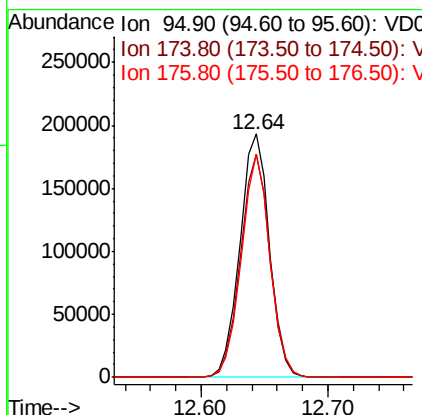
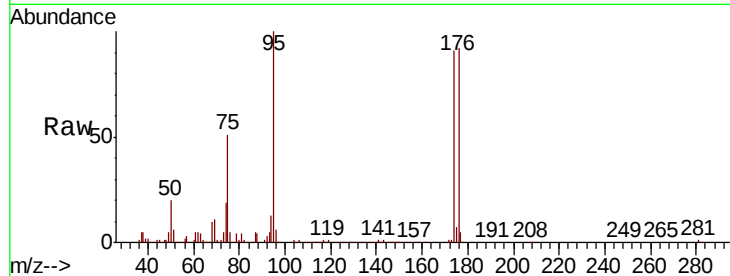




#62
4-Bromofluorobenzene
Concen: 57.283 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065094.D
Acq: 06 Feb 2020 18:46

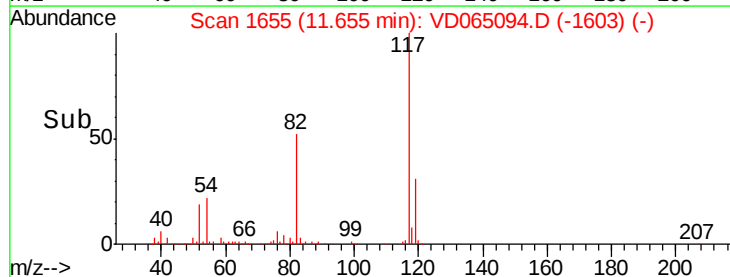
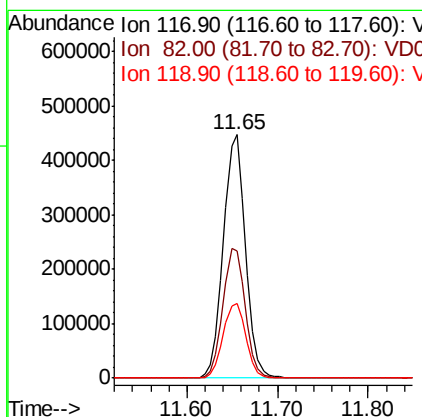
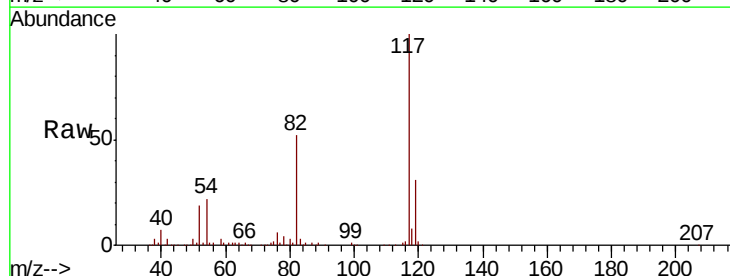
Instrument :
MSVOA_D
ClientSampled :

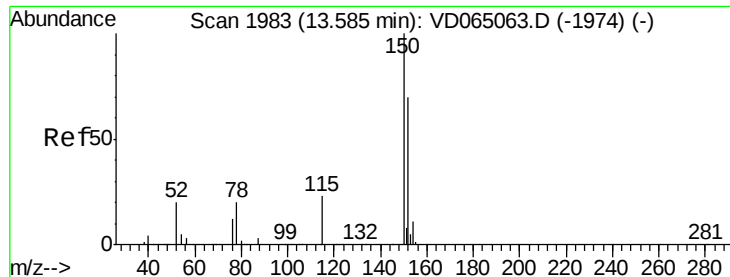
Tot Ion: 95 Resp: 311696
Ion Ratio Lower Upper
95 100
174 91.0 0.0 180.0
176 88.5 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD065094.D
Acq: 06 Feb 2020 18:46

Tgt Ion: 117 Resp: 755549
Ion Ratio Lower Upper
117 100
82 52.3 43.1 64.7
119 30.9 26.0 39.0



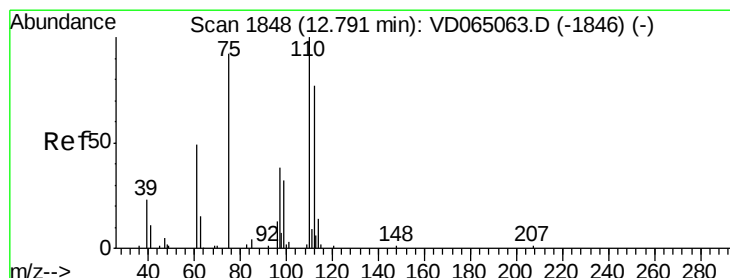
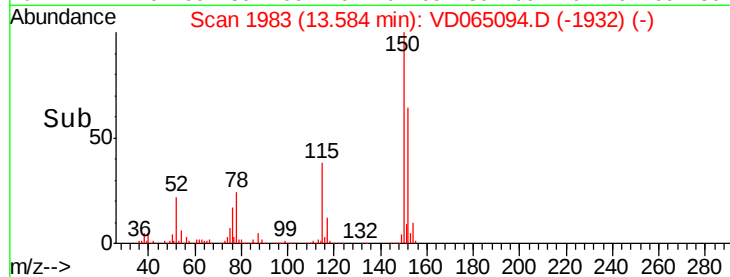
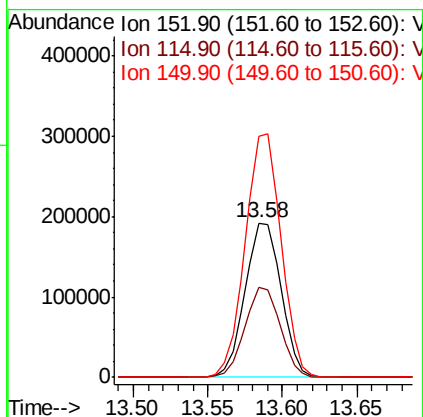
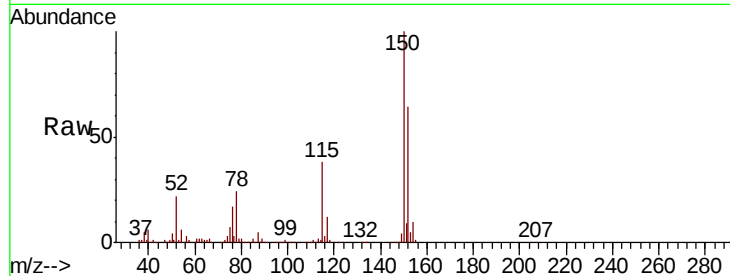


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065094.D
Acq: 06 Feb 2020 18:46

Instrument :
MSVOA_D
ClientSampleId :

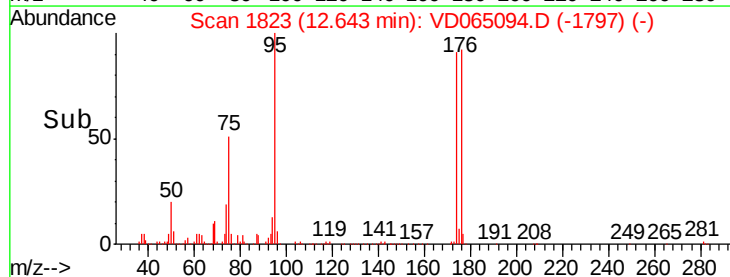
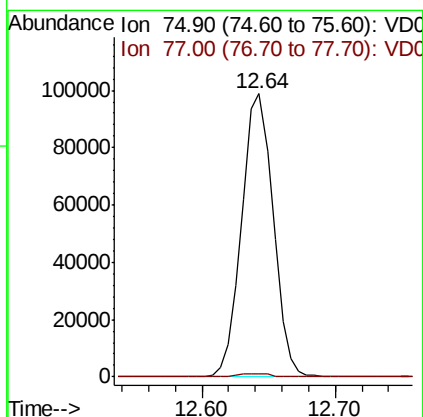
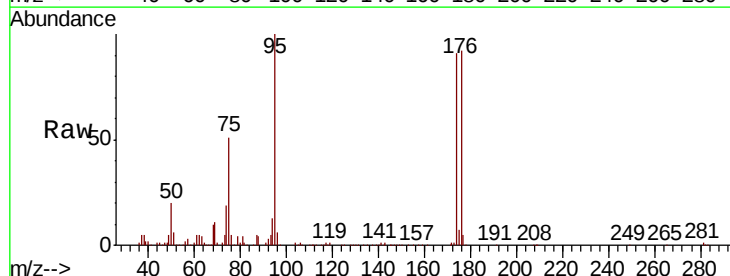
Tot Ion	Ratio	Lower	Upper
152	100		
115	57.3	27.5	82.4
150	157.1	0.0	343.2

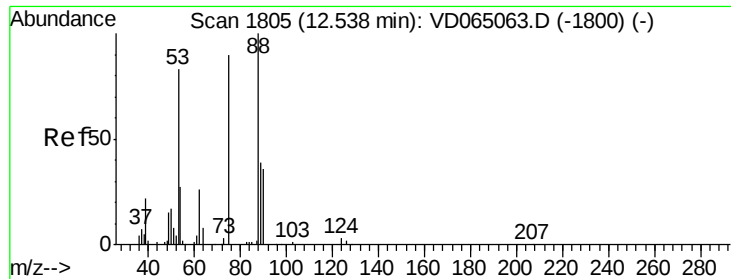


#76

1,2,3-Trichloropropane
Concen: 66.552 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.15 min
Lab File: VD065094.D
Acq: 06 Feb 2020 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 133.099 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065094.D

Acq: 06 Feb 2020 18:46

Instrument :

MSVOA_D

ClientSampleId :

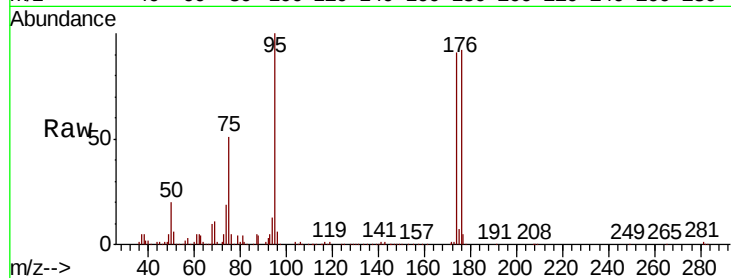
Tot Ion: 75 Resp: 161771

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.0 37.0 55.4#



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

