

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064896.D
 Acq On : 20 Jan 2020 17:59
 Operator : VA/SY
 Sample : L1189-08
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 21 04:11:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

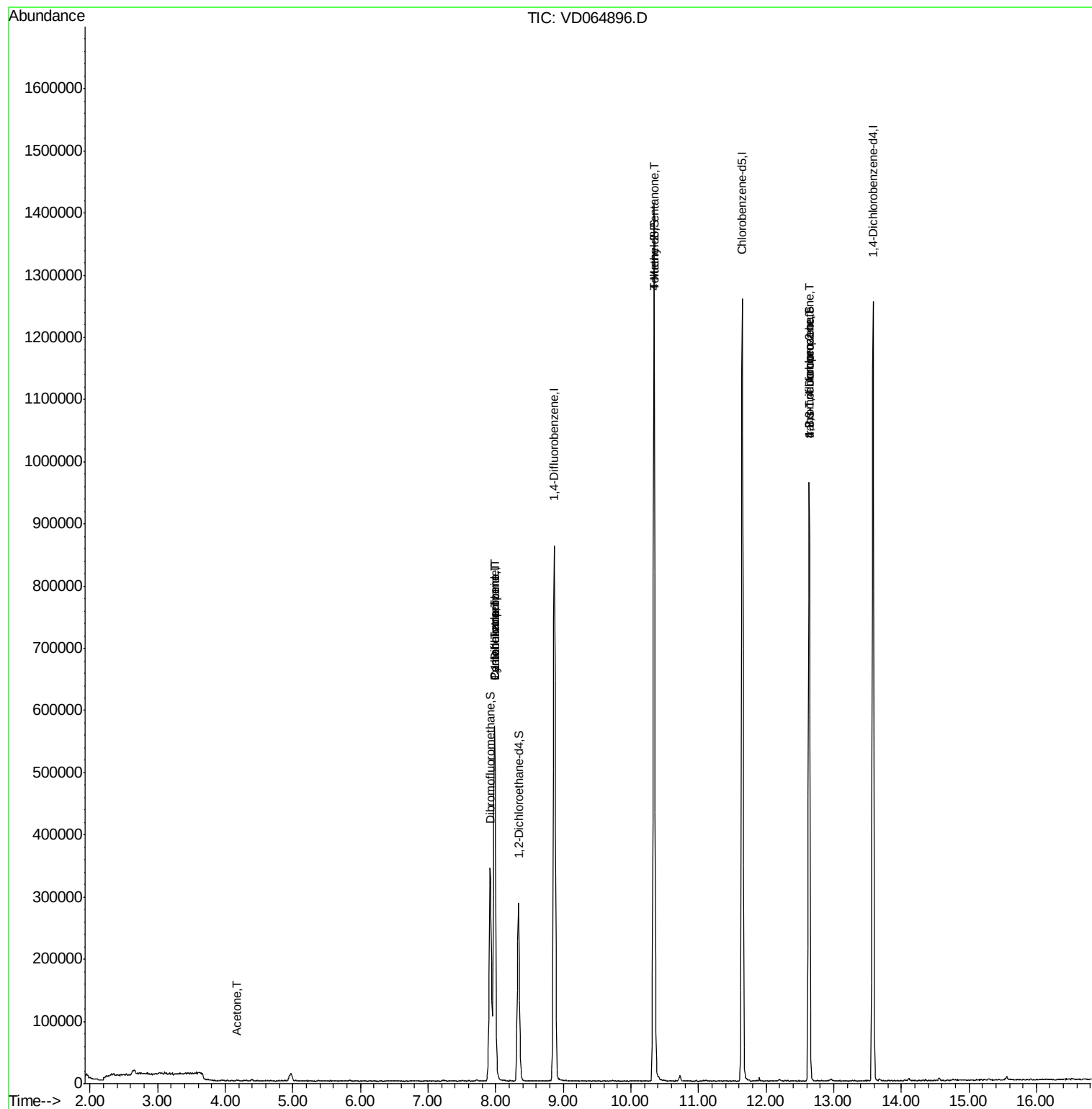
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	435061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	735317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	693447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	323993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	227913	59.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.82%	
35) Dibromofluoromethane	7.92	113	236336	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
50) Toluene-d8	10.34	98	910798	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.64	95	282978	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	759	5.020	ug/l #	42
20) Methylene Chloride	4.96	84	9237	Below Cal	#	79
31) Cyclohexane	7.99	56	9396	1.314	ug/l #	38
36) 1,1-Dichloropropene	7.98	75	32284	4.562	ug/l #	49
38) Carbon Tetrachloride	7.98	117	41696	5.525	ug/l #	15
51) 4-Methyl-2-Pentanone	10.34	43	4390	1.605	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	154897	60.543	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	154897	126.624	ug/l #	10

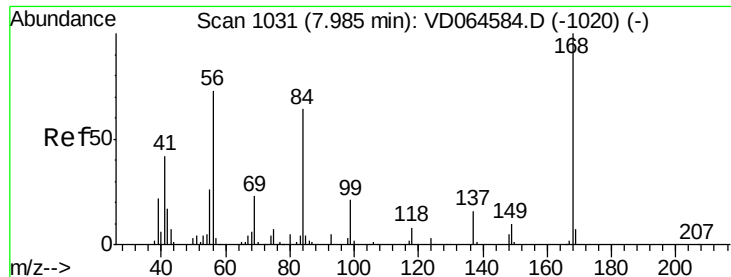
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012020\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
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: VD064896.D

Acq: 20 Jan 2020 17:59

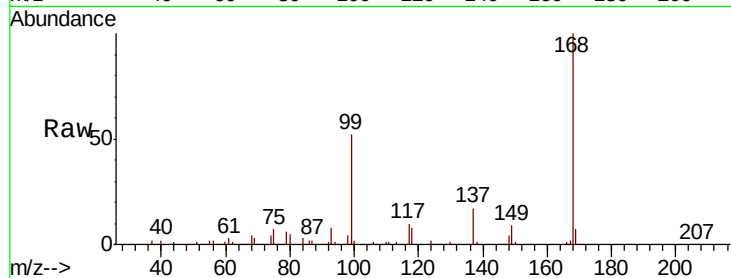
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 435061

Ion Ratio Lower Upper

168 100

99 52.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

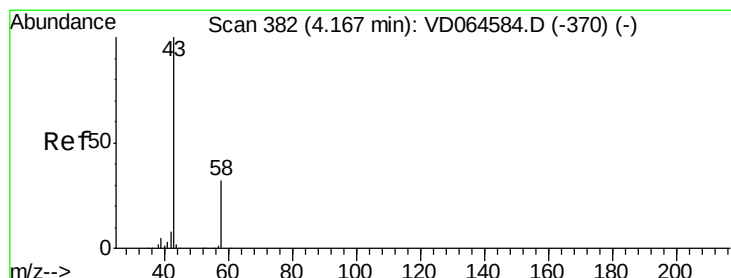
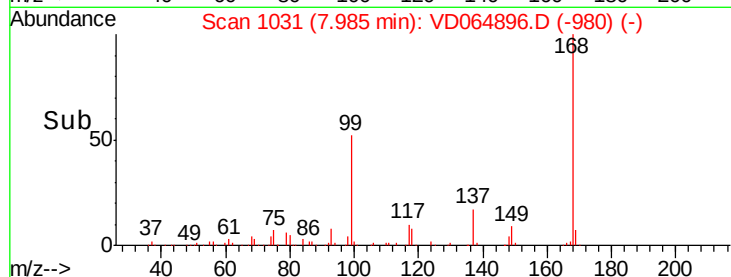
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 5.020 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064896.D

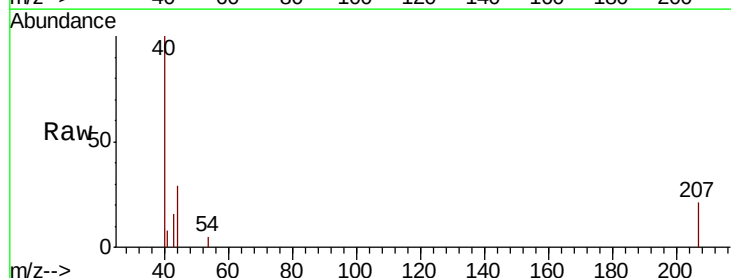
Acq: 20 Jan 2020 17:59

Tgt Ion: 43 Resp: 759

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

600

500

400

300

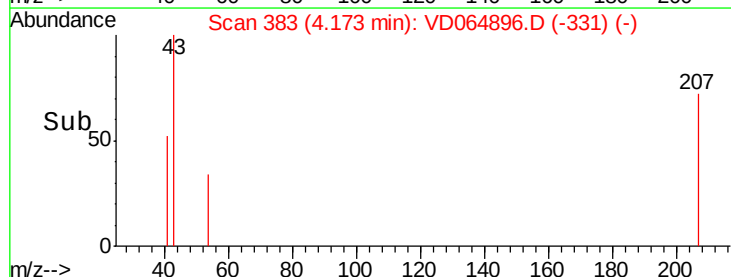
200

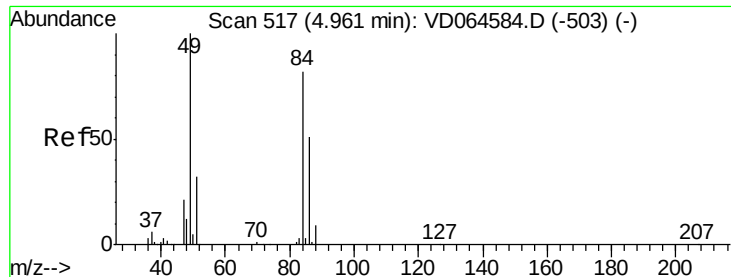
100

0

Time-->

4.12 4.14 4.16 4.18

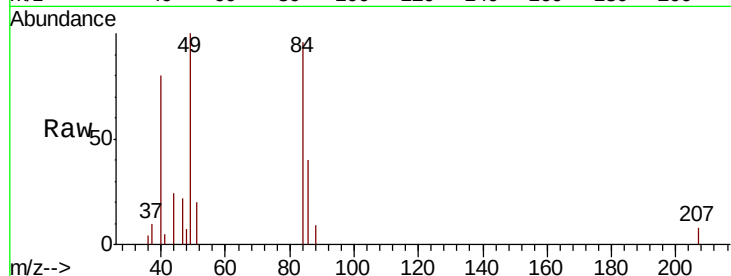




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064896.D
Acq: 20 Jan 2020 17:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
84	100		
49	103.8	97.2	145.8
51	20.9	31.4	47.0#
86	41.7	49.3	73.9#



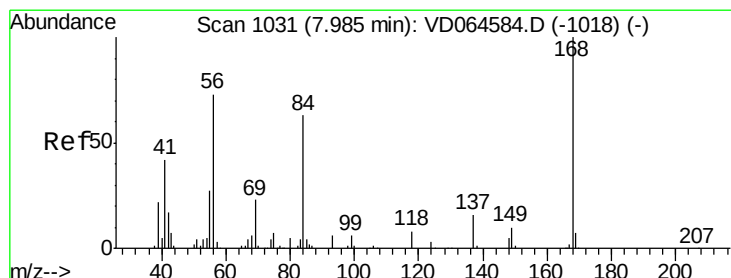
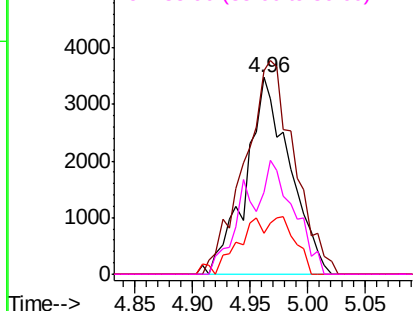
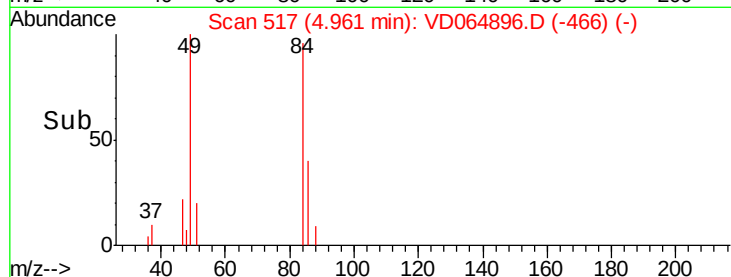
Abundance

Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

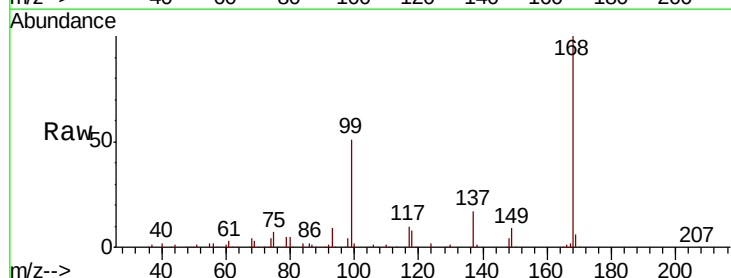
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#31
Cyclohexane
Concen: 1.314 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD064896.D
Acq: 20 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
56	100		
69	137.0	24.7	37.1#
84	101.3	69.4	104.2

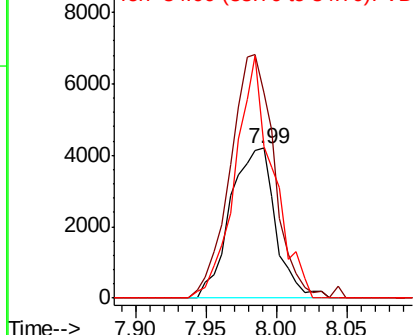
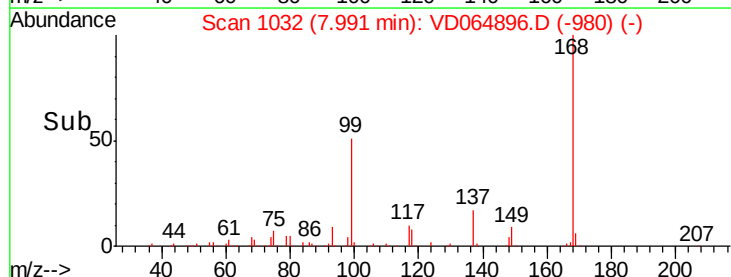


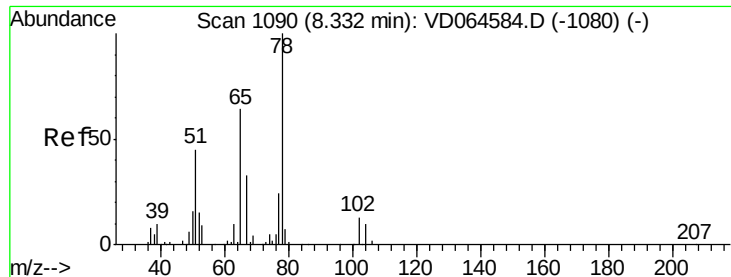
Abundance

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

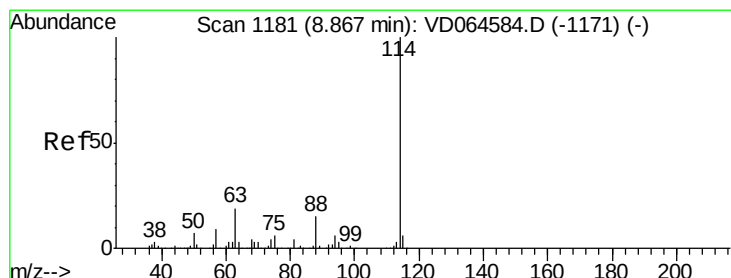
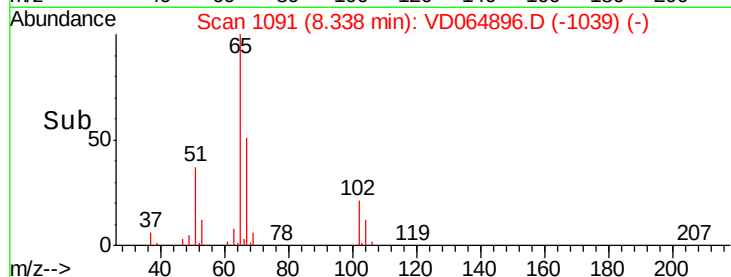
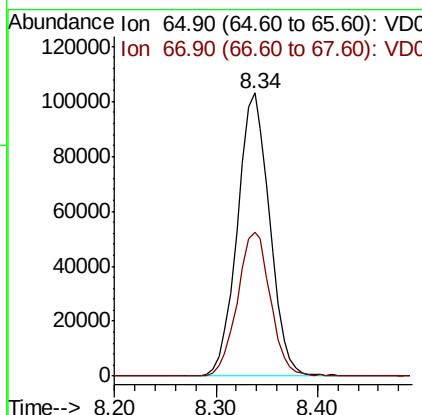
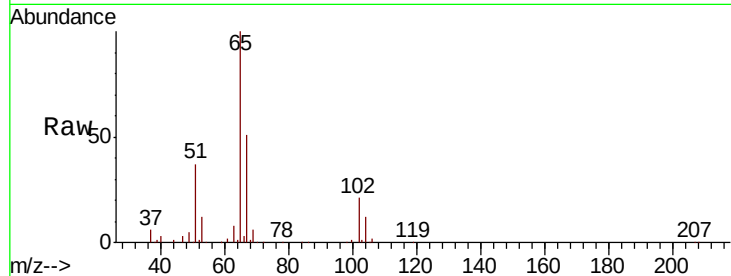




#33
 1,2-Dichloroethane-d4
 Concen: 59.409 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064896.D
 Acq: 20 Jan 2020 17:59

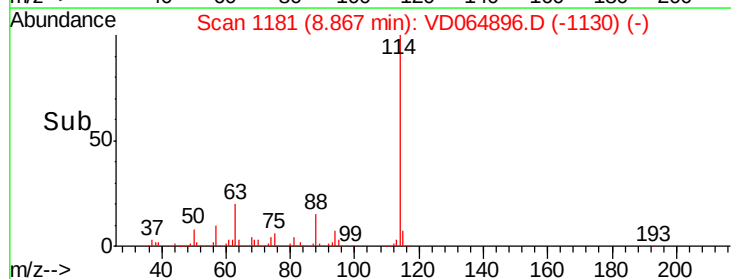
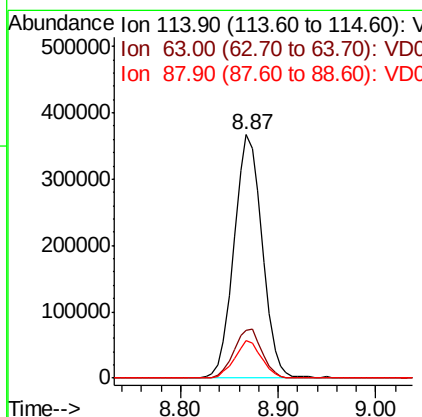
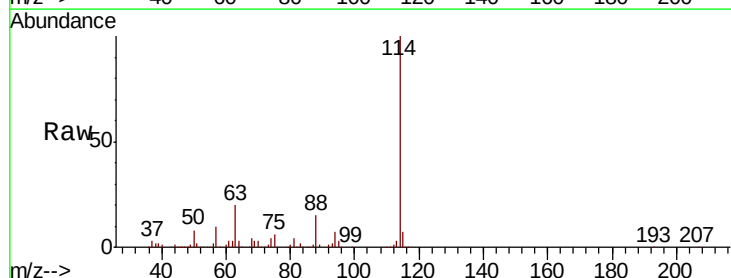
Instrument :
 MSVOA_D
 ClientSampled :

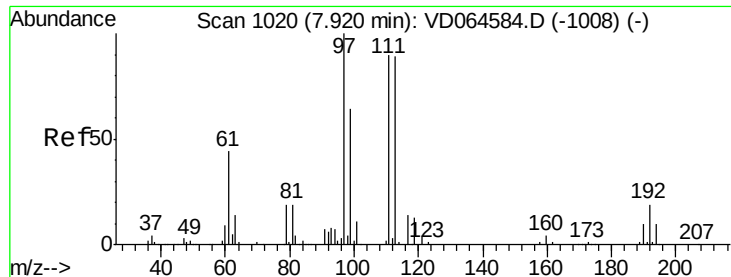
Tot Ion: 65 Resp: 227913
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064896.D
 Acq: 20 Jan 2020 17:59

Tgt Ion: 114 Resp: 735317
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 15.2 0.0 29.2

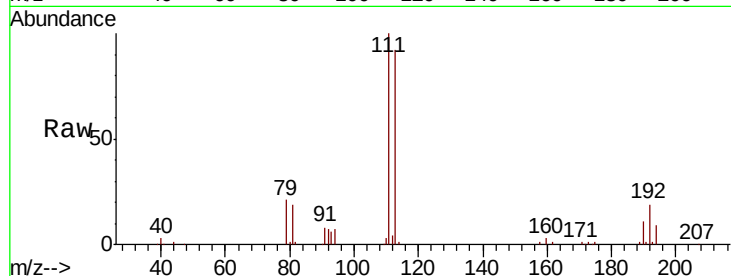




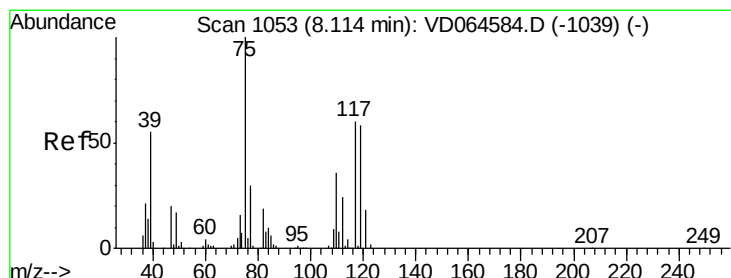
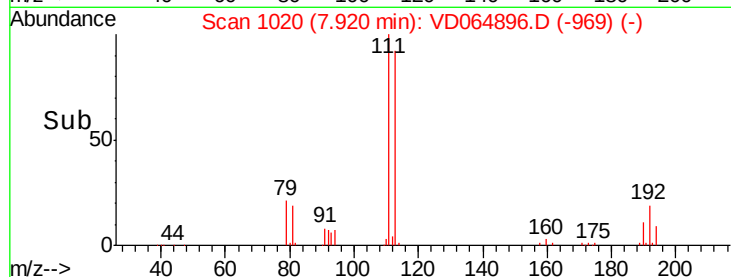
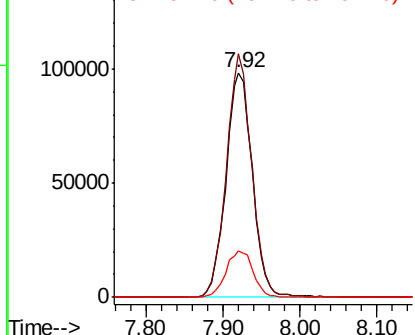
#35
 Dibromofluoromethane
 Concen: 52.388 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064896.D
 Acq: 20 Jan 2020 17:59

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.6	121.0
192	21.0	17.9	26.9

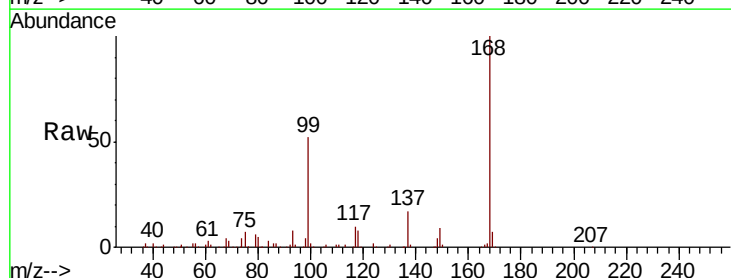


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

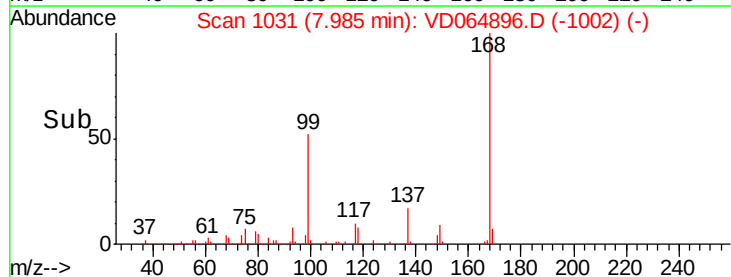
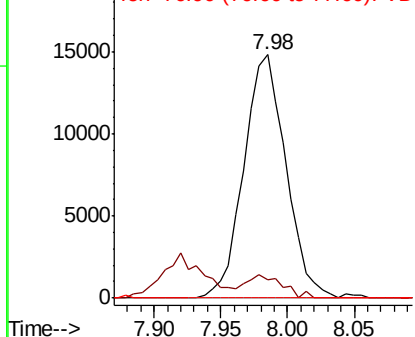


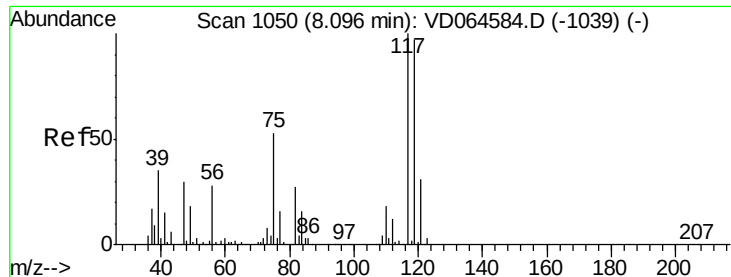
#36
 1,1-Dichloropropene
 Concen: 4.562 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064896.D
 Acq: 20 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.1	54.1#
77	0.0	24.2	36.4#



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: 5.525 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064896.D

Acq: 20 Jan 2020 17:59

Instrument :

MSVOA_D

ClientSampleId :

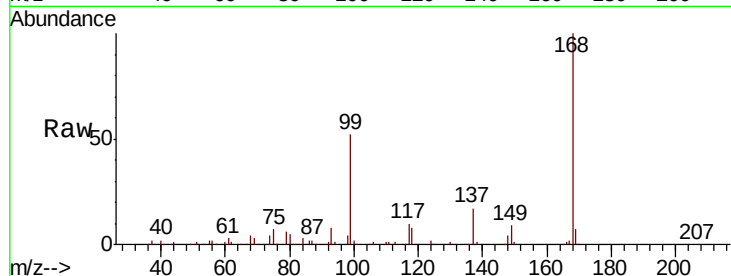
Tot Ion:117 Resp: 41696

Ion Ratio Lower Upper

117 100

119 4.9 77.3 115.9#

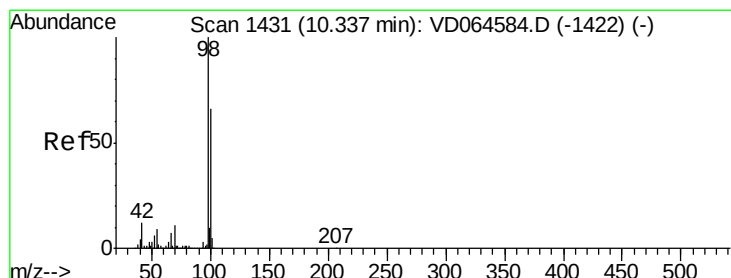
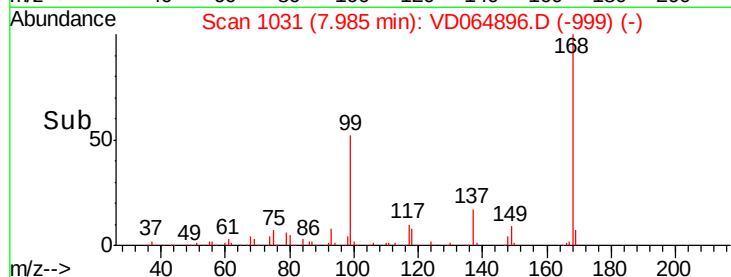
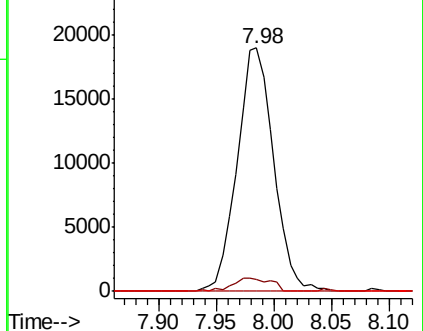
121 0.0 25.0 37.6#



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: 52.715 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064896.D

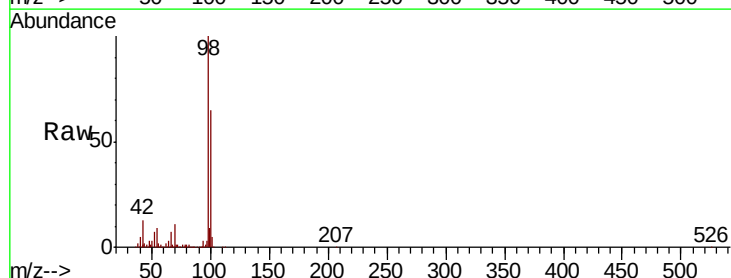
Acq: 20 Jan 2020 17:59

Tgt Ion: 98 Resp: 910798

Ion Ratio Lower Upper

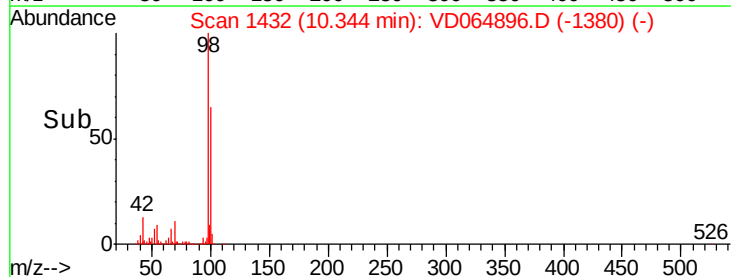
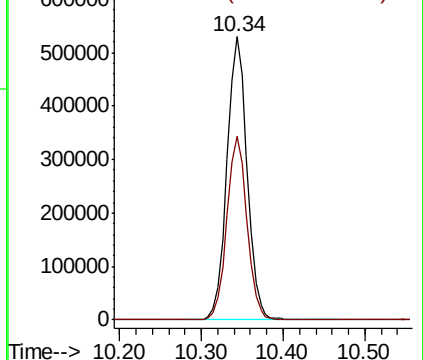
98 100

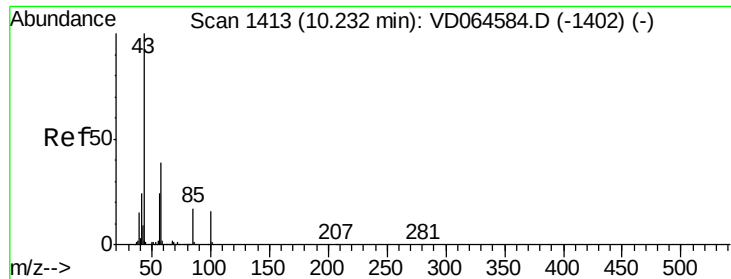
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.605 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD064896.D

Acq: 20 Jan 2020 17:59

Instrument :

MSVOA_D

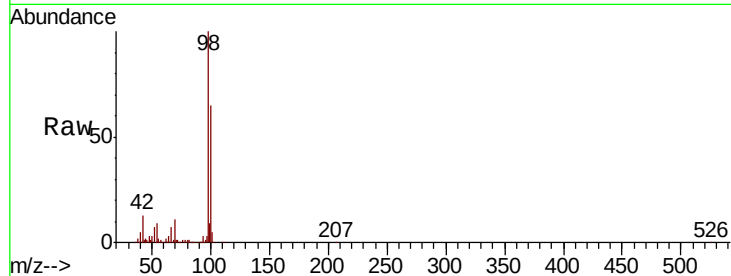
ClientSampled :

Tot Ion: 43 Resp: 4390

Ion Ratio Lower Upper

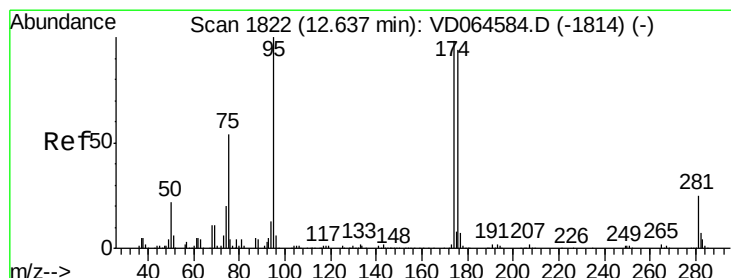
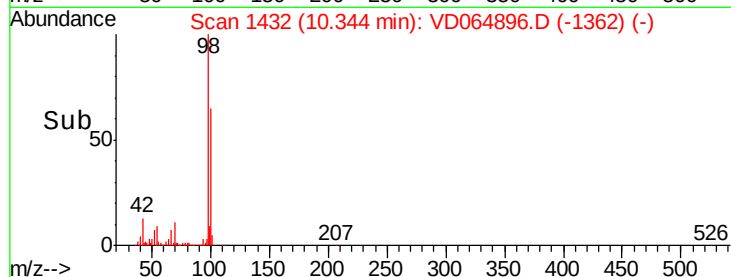
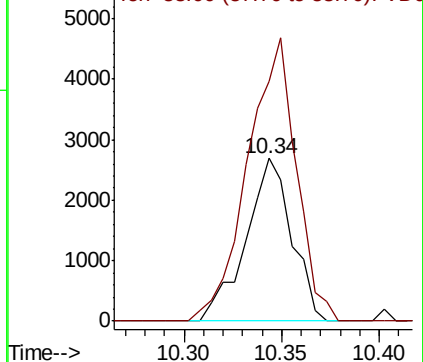
43 100

58 184.0 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 51.795 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064896.D

Acq: 20 Jan 2020 17:59

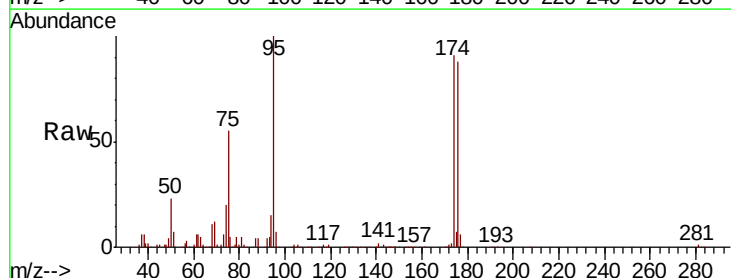
Tgt Ion: 95 Resp: 282978

Ion Ratio Lower Upper

95 100

174 93.4 0.0 193.2

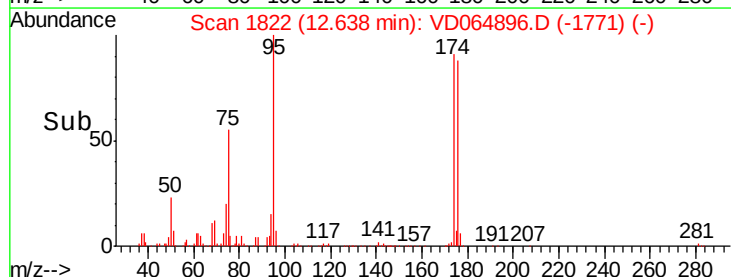
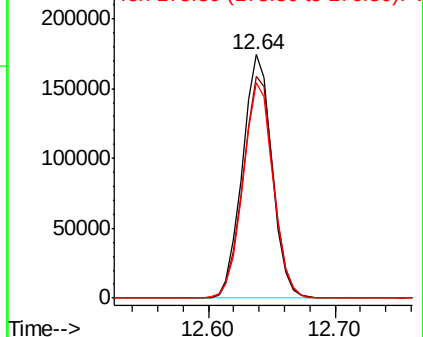
176 89.9 0.0 184.2

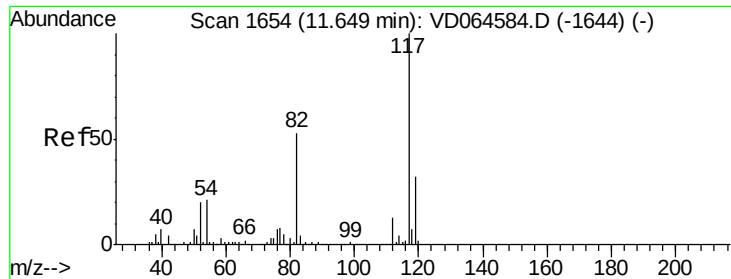


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

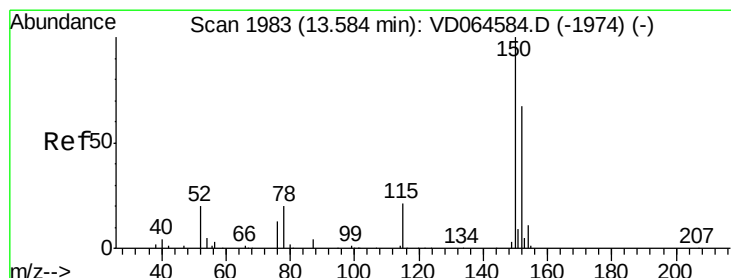
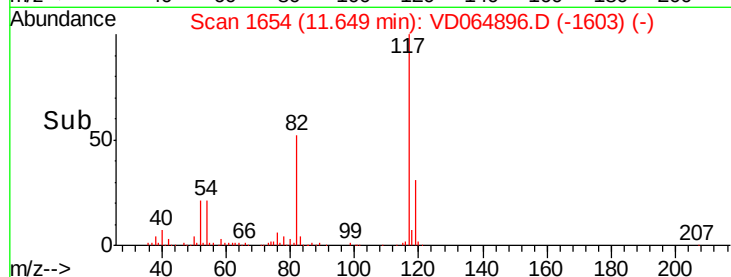
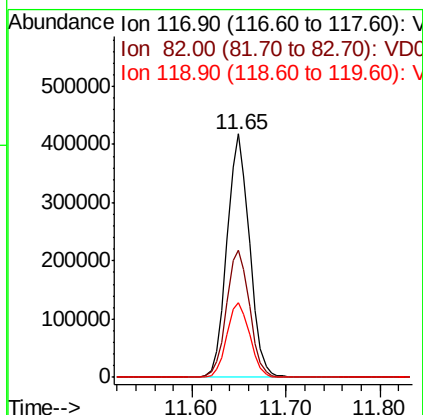
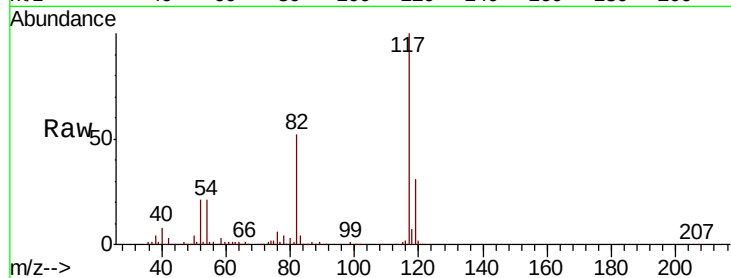




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064896.D
Acq: 20 Jan 2020 17:59

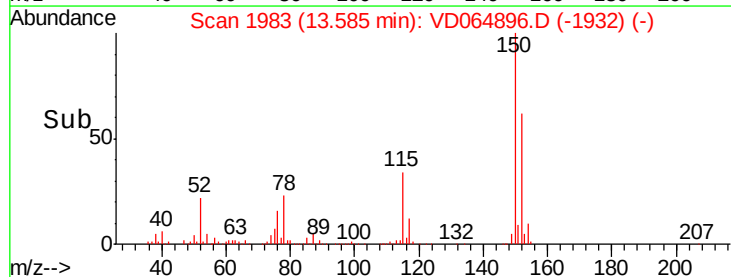
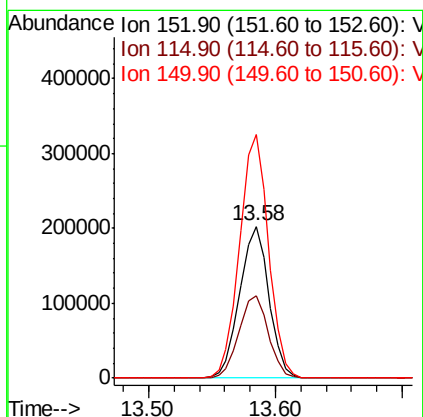
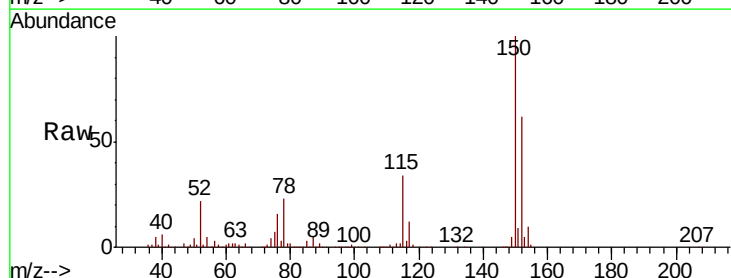
Instrument :
MSVOA_D
ClientSampled :

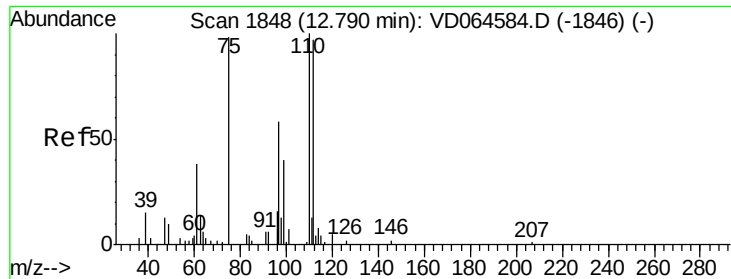
Tot Ion:117 Resp: 693447
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.4
119 30.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064896.D
Acq: 20 Jan 2020 17:59

Tgt Ion:152 Resp: 323993
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.4
150 158.8 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 60.543 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064896.D

Acq: 20 Jan 2020 17:59

Instrument :

MSVOA_D

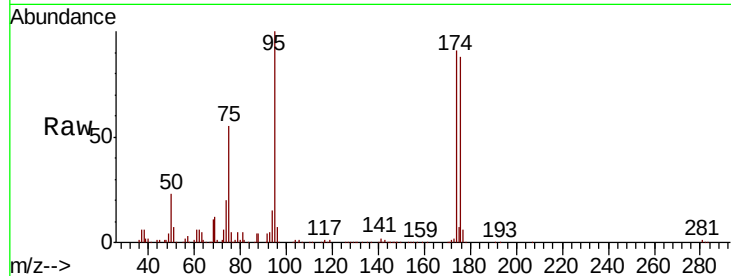
ClientSampled :

Tot Ion: 75 Resp: 154897

Ion Ratio Lower Upper

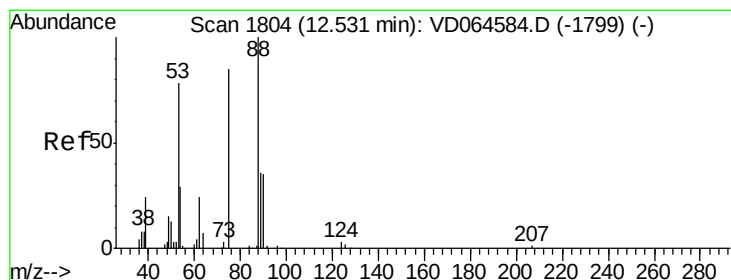
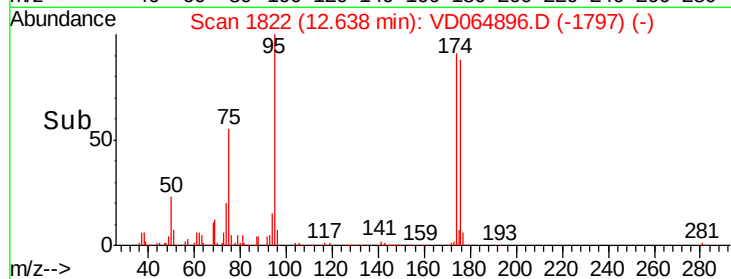
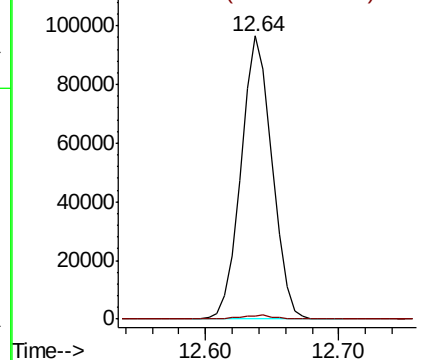
75 100

77 1.4 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: 126.624 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064896.D

Acq: 20 Jan 2020 17:59

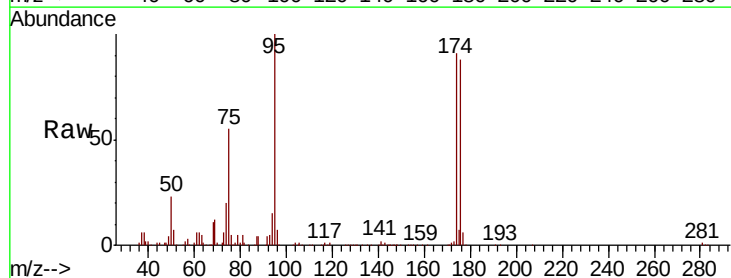
Tgt Ion: 75 Resp: 154897

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 38.3 57.5#



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

