

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010720\
 Data File : VD064789.D
 Acq On : 07 Jan 2020 13:19
 Operator : VA/SY
 Sample : VD0107SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 08 07:35:55 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

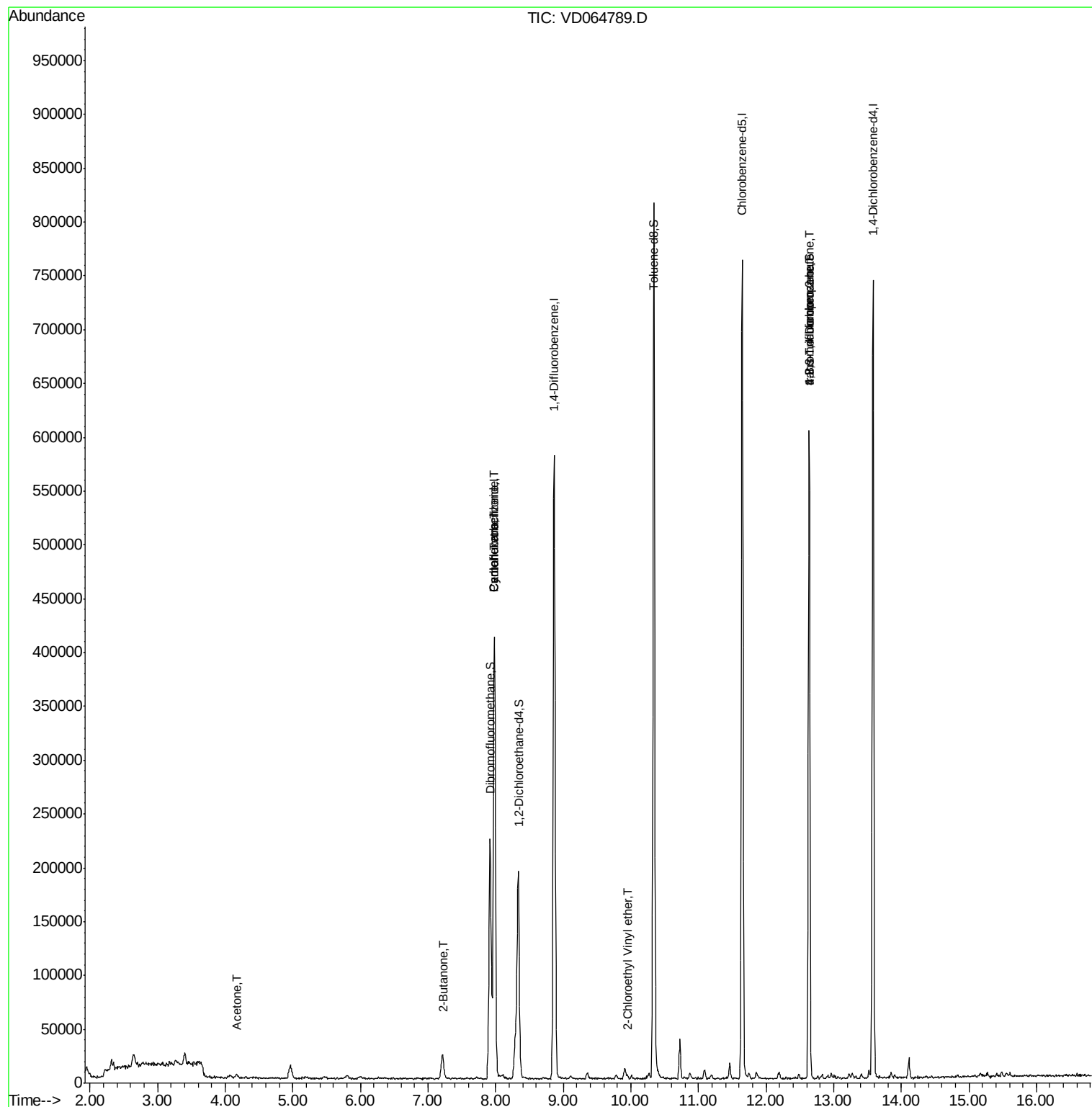
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	323274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	484327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	428334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	196644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	152819	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
35) Dibromofluoromethane	7.92	113	153123	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
50) Toluene-d8	10.34	98	551762	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.64	95	168693	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
Target Compounds						
16) Acetone	4.17	43	6442	13.650	ug/l	93
20) Methylene Chloride	4.96	84	8088	Below Cal		86
25) 2-Butanone	7.23	43	2083	2.658	ug/l #	49
31) Cyclohexane	7.98	56	8620	1.622	ug/l #	39
38) Carbon Tetrachloride	7.98	117	30215	6.079	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.96	63	1220	1.123	ug/l	95
76) 1,2,3-Trichloropropane	12.64	75	91521	58.938	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	91521	123.268	ug/l #	10

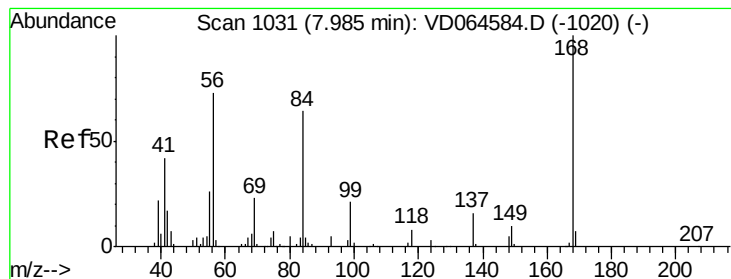
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010720\
Data File : VD064789.D
Acq On : 07 Jan 2020 13:19
Operator : VA/SY
Sample : VD0107SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 08 07:35:55 2020
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: VD064789.D

Acq: 07 Jan 2020 13:19

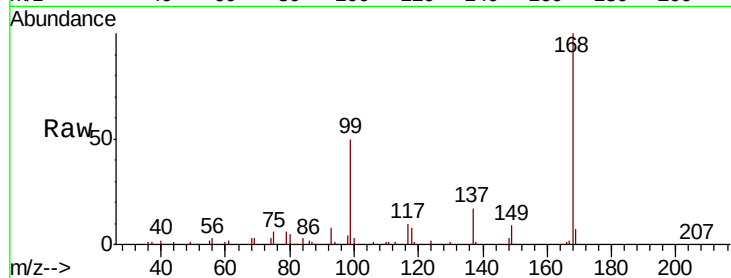
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 323274

Ion Ratio Lower Upper

168 100

99 49.6 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

150000

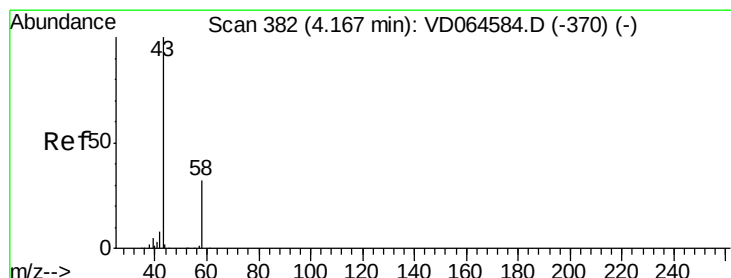
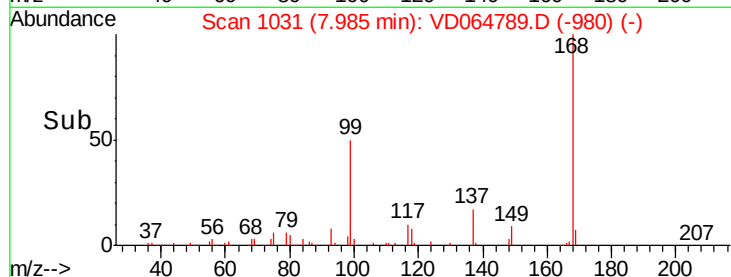
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 13.650 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064789.D

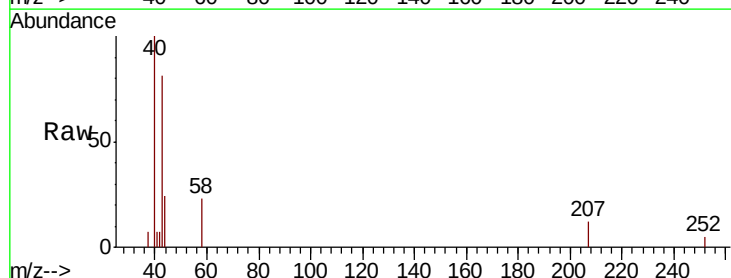
Acq: 07 Jan 2020 13:19

Tgt Ion: 43 Resp: 6442

Ion Ratio Lower Upper

43 100

58 28.5 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

2500

2000

1500

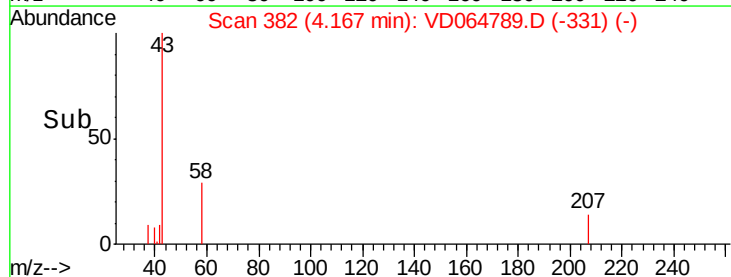
1000

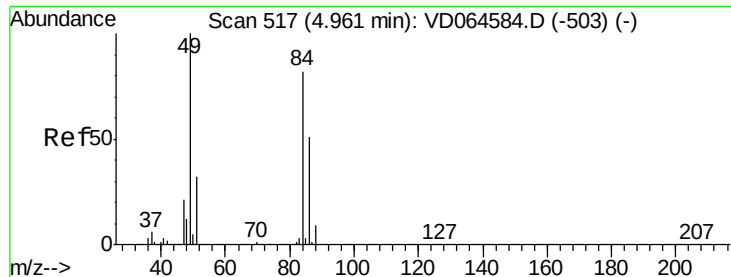
500

0

Time-->

4.05 4.10 4.15 4.20 4.25

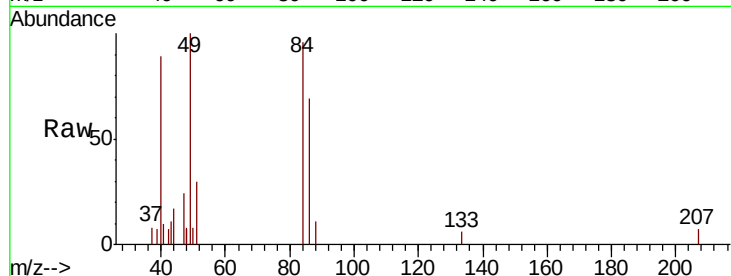




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064789.D
Acq: 07 Jan 2020 13:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	84	Resp	8088
Ion	Ratio	Lower	Upper
84	100		
49	104.5	97.2	145.8
51	31.5	31.4	47.0
86	71.8	49.3	73.9



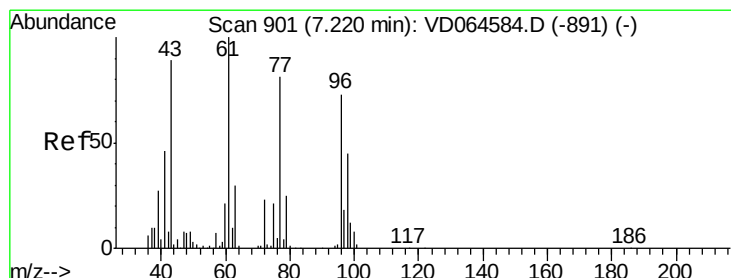
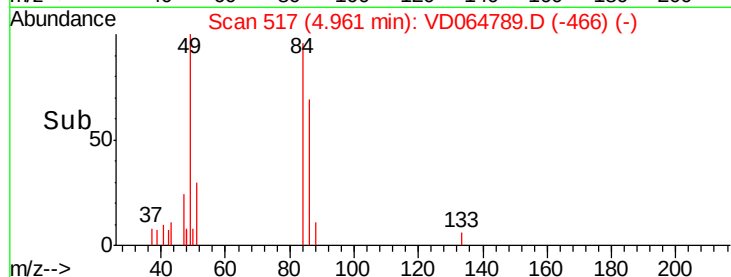
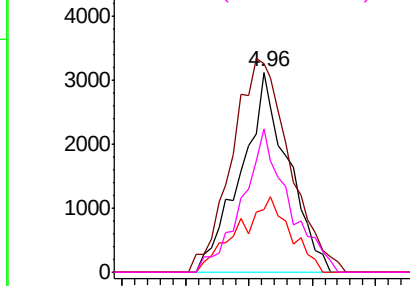
Abundance

Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

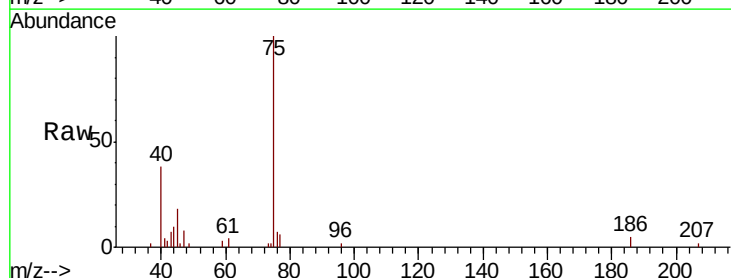
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#25
2-Butanone
Concen: 2.658 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD064789.D
Acq: 07 Jan 2020 13:19

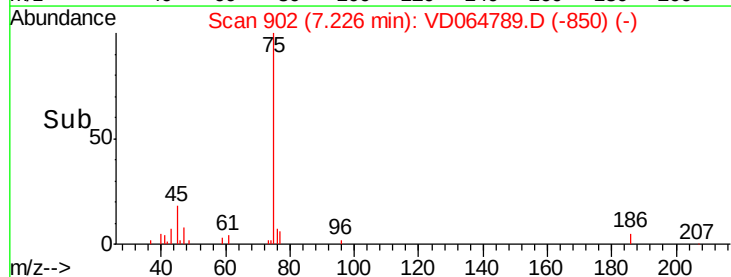
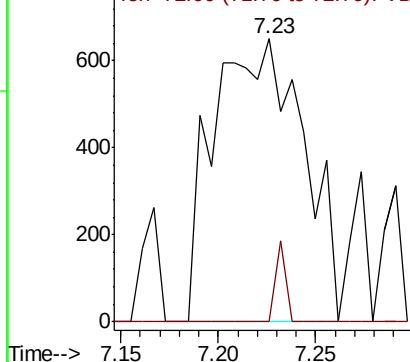
Tgt Ion	43	Resp	2083
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.7	31.1#

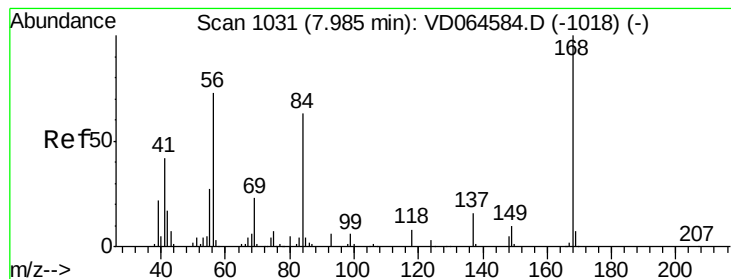


Abundance

Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 1.622 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064789.D

Acq: 07 Jan 2020 13:19

Instrument :

MSVOA_D

ClientSampleId :

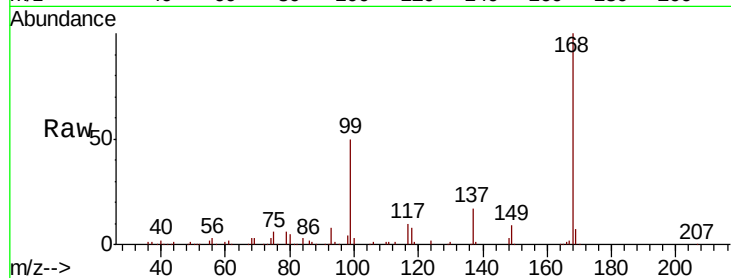
Tot Ion: 56 Resp: 8620

Ion Ratio Lower Upper

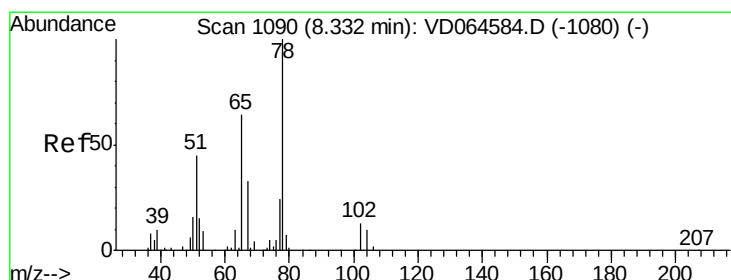
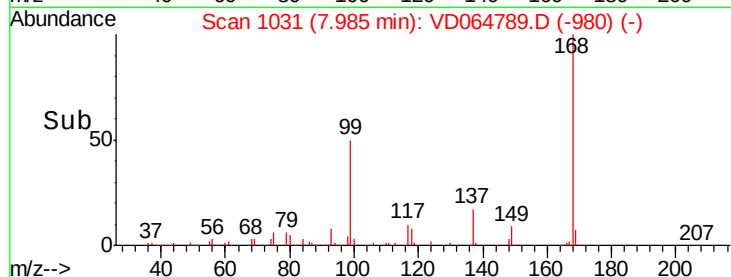
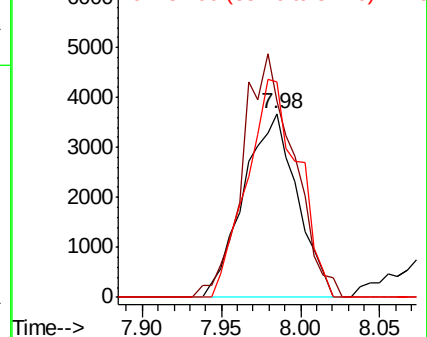
56 100

69 107.2 24.7 37.1#

84 117.1 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: 53.610 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064789.D

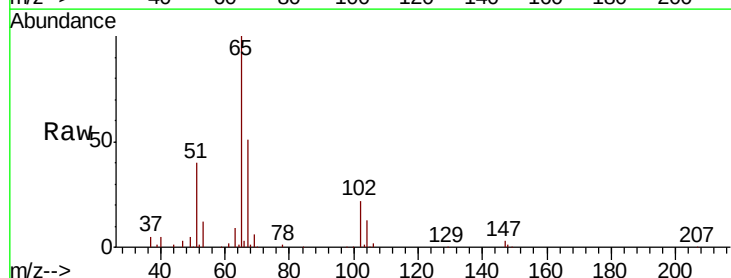
Acq: 07 Jan 2020 13:19

Tgt Ion: 65 Resp: 152819

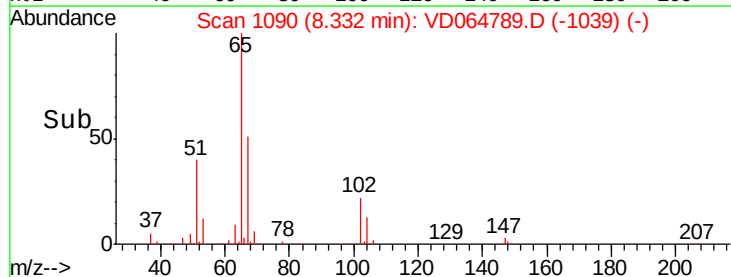
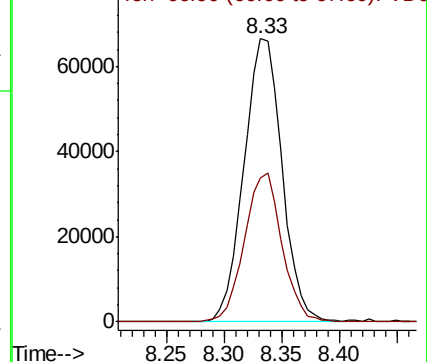
Ion Ratio Lower Upper

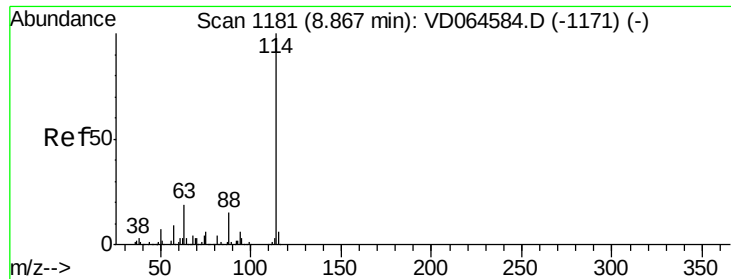
65 100

67 51.9 0.0 106.2



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

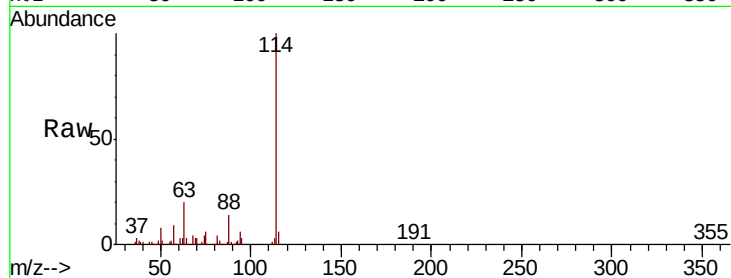




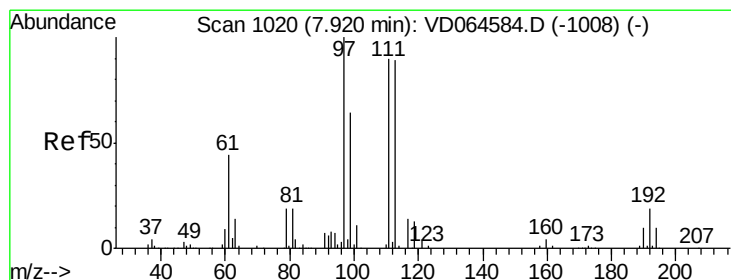
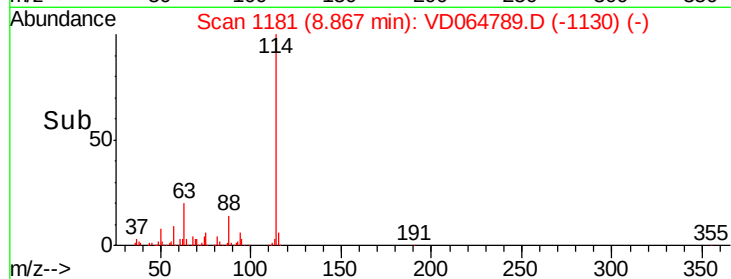
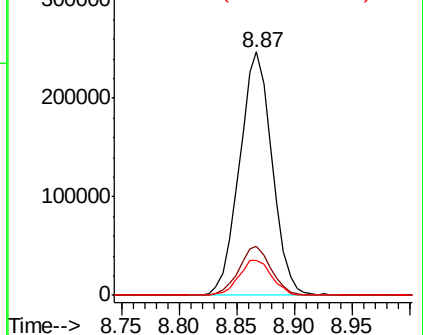
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064789.D
 Acq: 07 Jan 2020 13:19

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	38.0
88	14.4	0.0	29.2

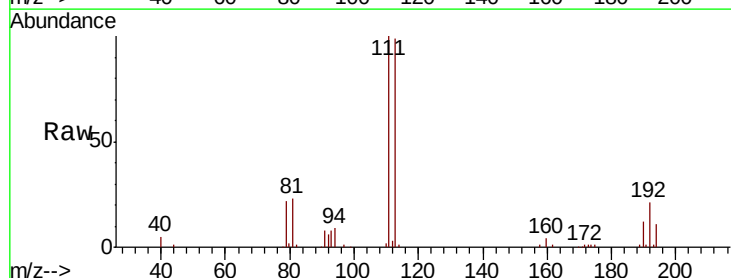


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

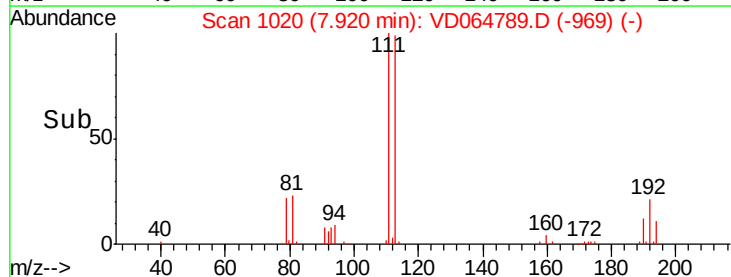
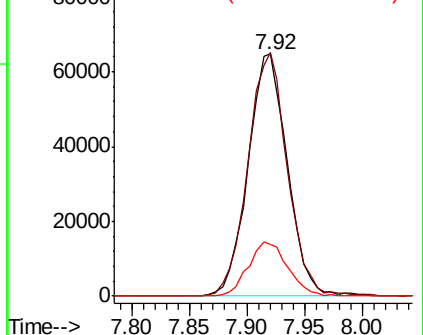


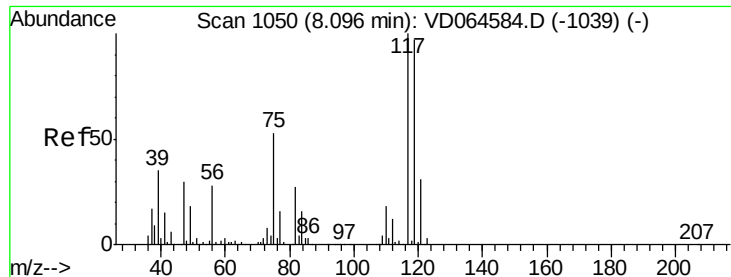
#35
 Dibromofluoromethane
 Concen: 51.532 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064789.D
 Acq: 07 Jan 2020 13:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	80.6	121.0
192	22.5	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





#38

Carbon Tetrachloride

Concen: 6.079 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064789.D

Acq: 07 Jan 2020 13:19

Instrument :

MSVOA_D

ClientSampled :

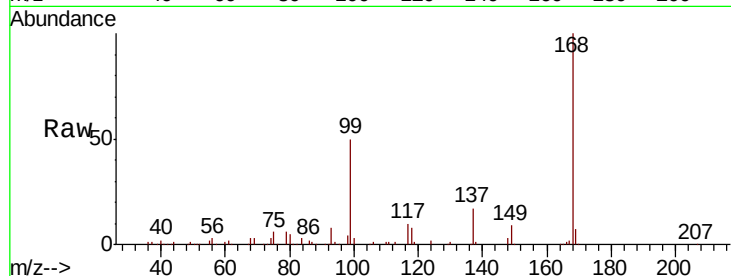
Tot Ion:117 Resp: 30215

Ion Ratio Lower Upper

117 100

119 6.2 77.3 115.9#

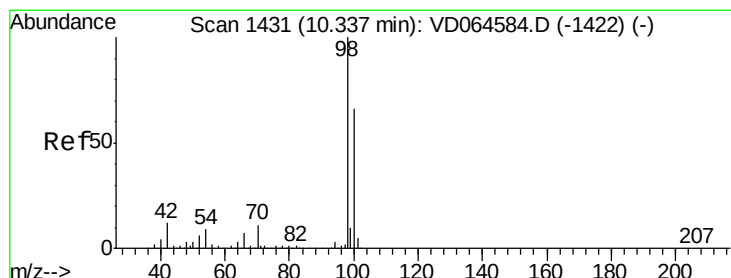
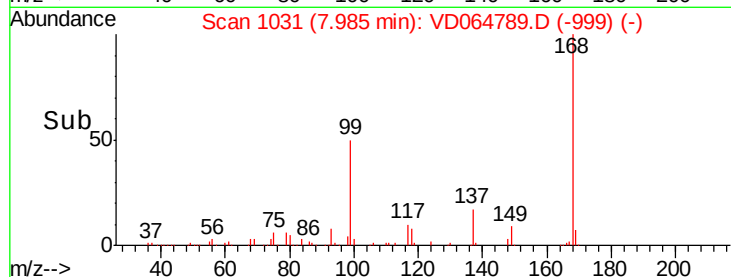
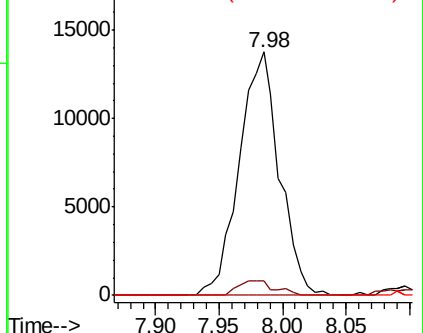
121 0.0 25.0 37.6#



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: 48.484 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064789.D

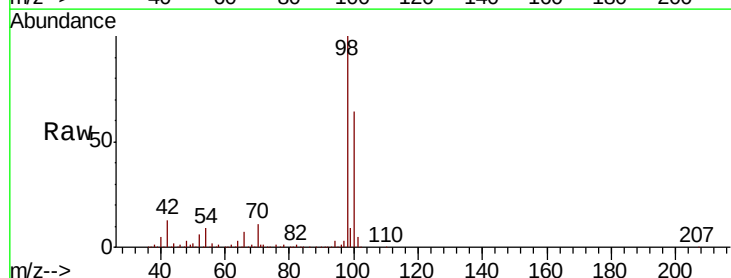
Acq: 07 Jan 2020 13:19

Tgt Ion: 98 Resp: 551762

Ion Ratio Lower Upper

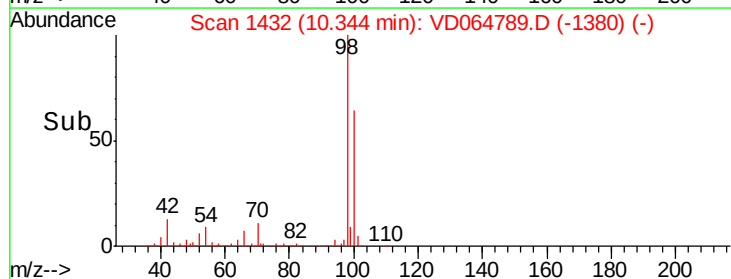
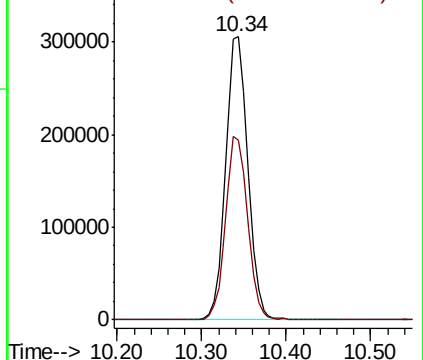
98 100

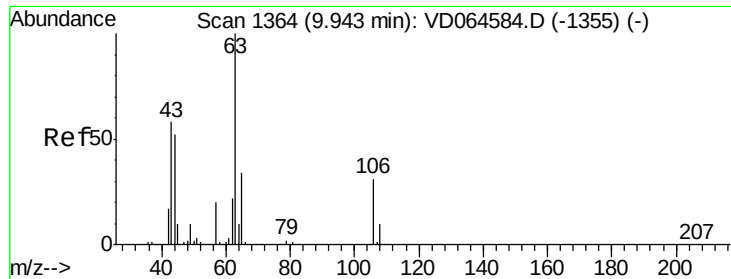
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

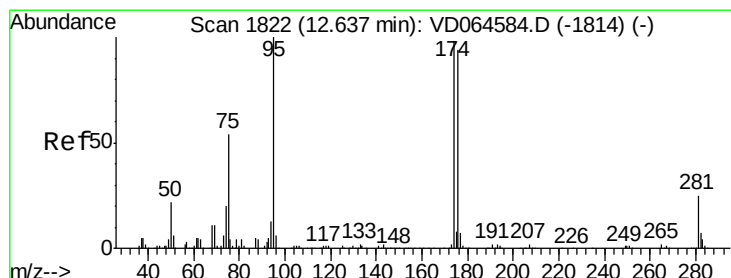
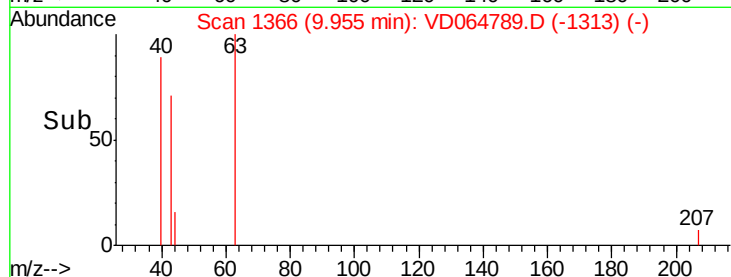
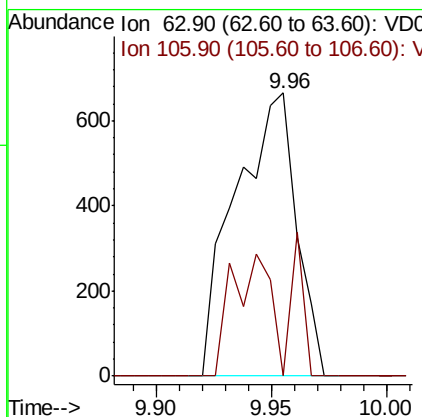
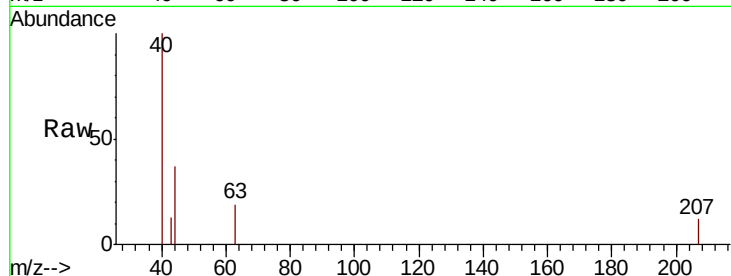




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.123 ug/l
 RT: 9.96 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VD064789.D
 Acq: 07 Jan 2020 13:19

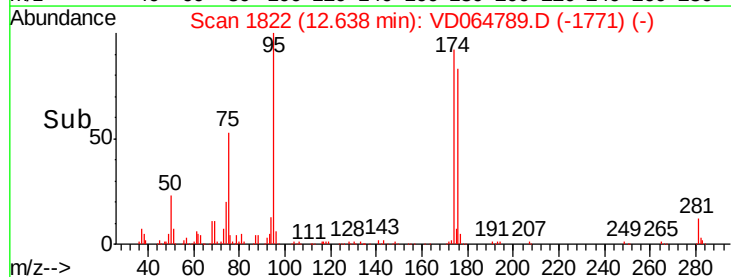
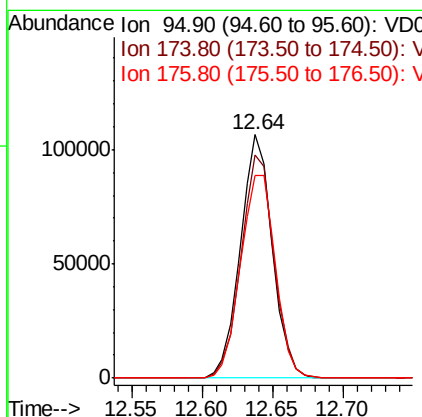
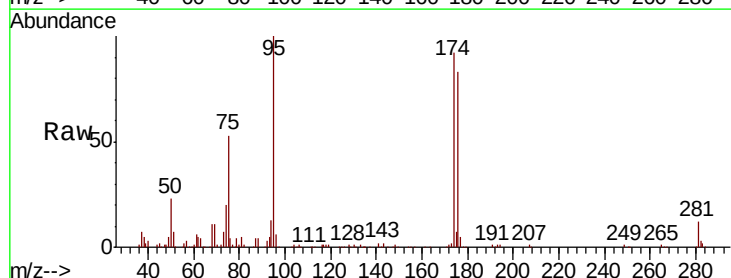
Instrument :
 MSVOA_D
 ClientSampleId :

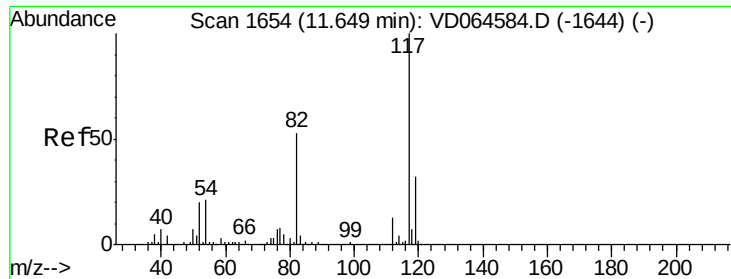
Tot Ion: 63 Resp: 1220
 Ion Ratio Lower Upper
 63 100
 106 27.3 23.8 35.8



#62
 4-Bromofluorobenzene
 Concen: 46.878 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064789.D
 Acq: 07 Jan 2020 13:19

Tgt Ion: 95 Resp: 168693
 Ion Ratio Lower Upper
 95 100
 174 94.7 0.0 193.2
 176 91.3 0.0 184.2

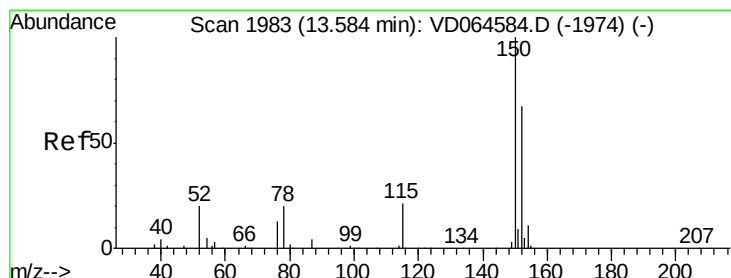
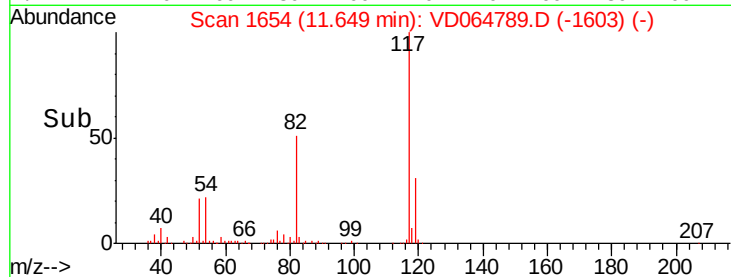
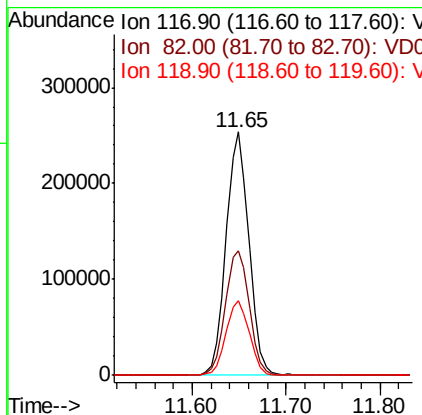
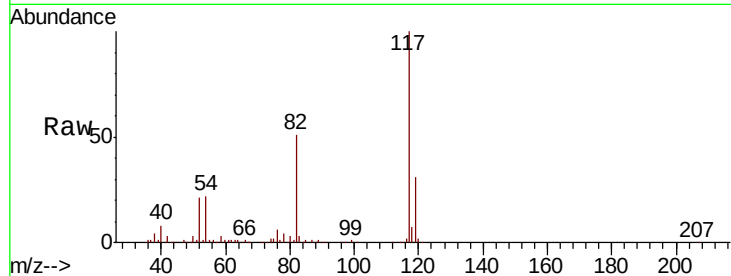




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064789.D
Acq: 07 Jan 2020 13:19

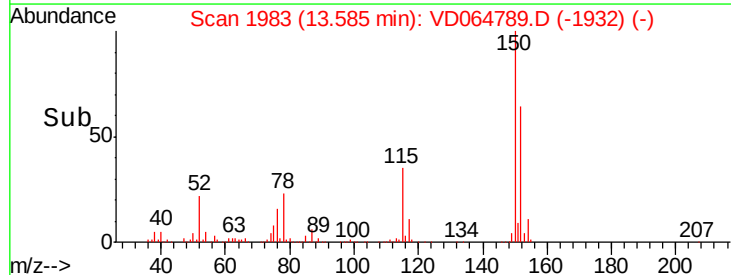
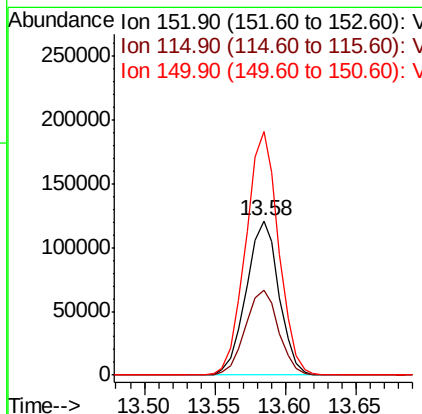
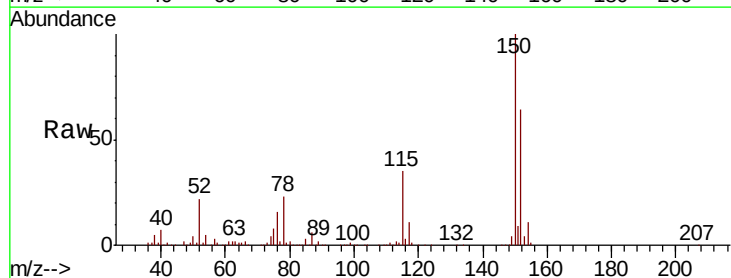
Instrument :
MSVOA_D
ClientSampleId :

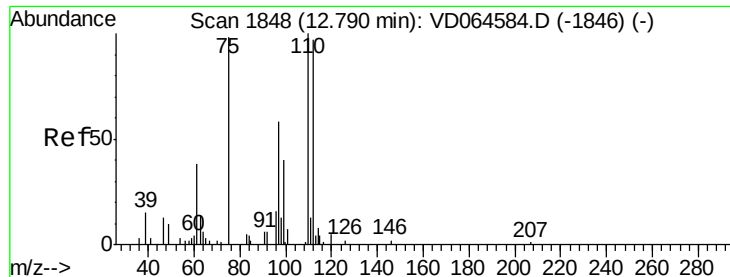
Tot Ion:117 Resp: 428334
Ion Ratio Lower Upper
117 100
82 51.3 42.2 63.4
119 30.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064789.D
Acq: 07 Jan 2020 13:19

Tgt Ion:152 Resp: 196644
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.4
150 158.1 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 58.938 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064789.D

Acq: 07 Jan 2020 13:19

Instrument :

MSVOA_D

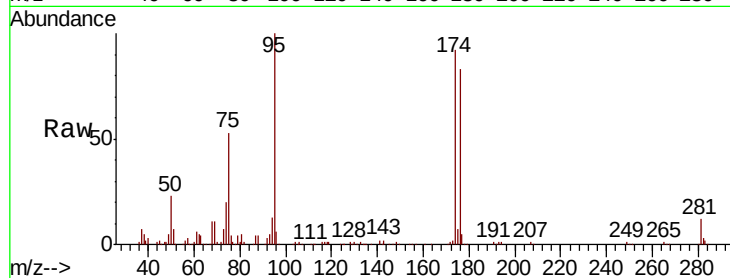
ClientSampleId :

Tot Ion: 75 Resp: 91521

Ion Ratio Lower Upper

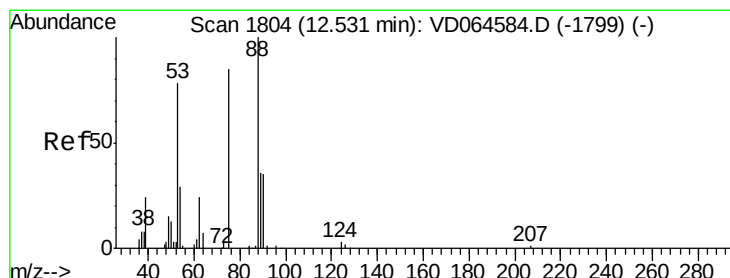
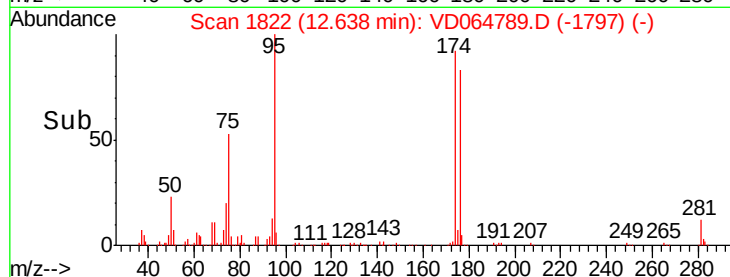
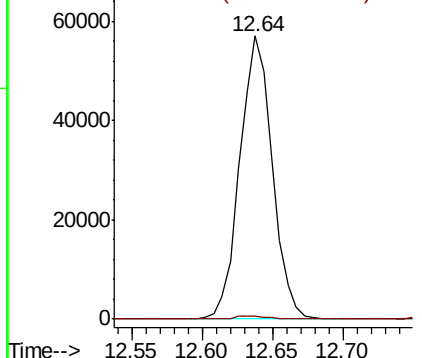
75 100

77 1.0 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: 123.268 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064789.D

Acq: 07 Jan 2020 13:19

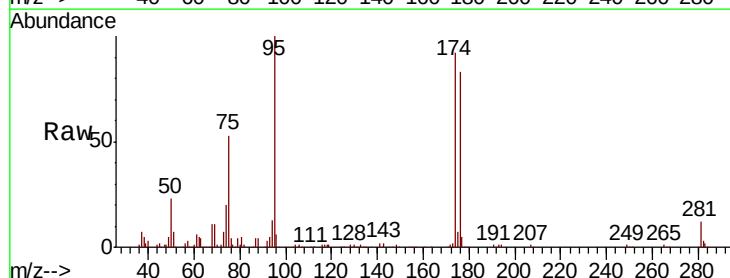
Tgt Ion: 75 Resp: 91521

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.1 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

