

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022420\
 Data File : VD065297.D
 Acq On : 24 Feb 2020 16:25
 Operator : VA/SY
 Sample : L1635-16
 Misc : 6.28G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 25 01:24:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

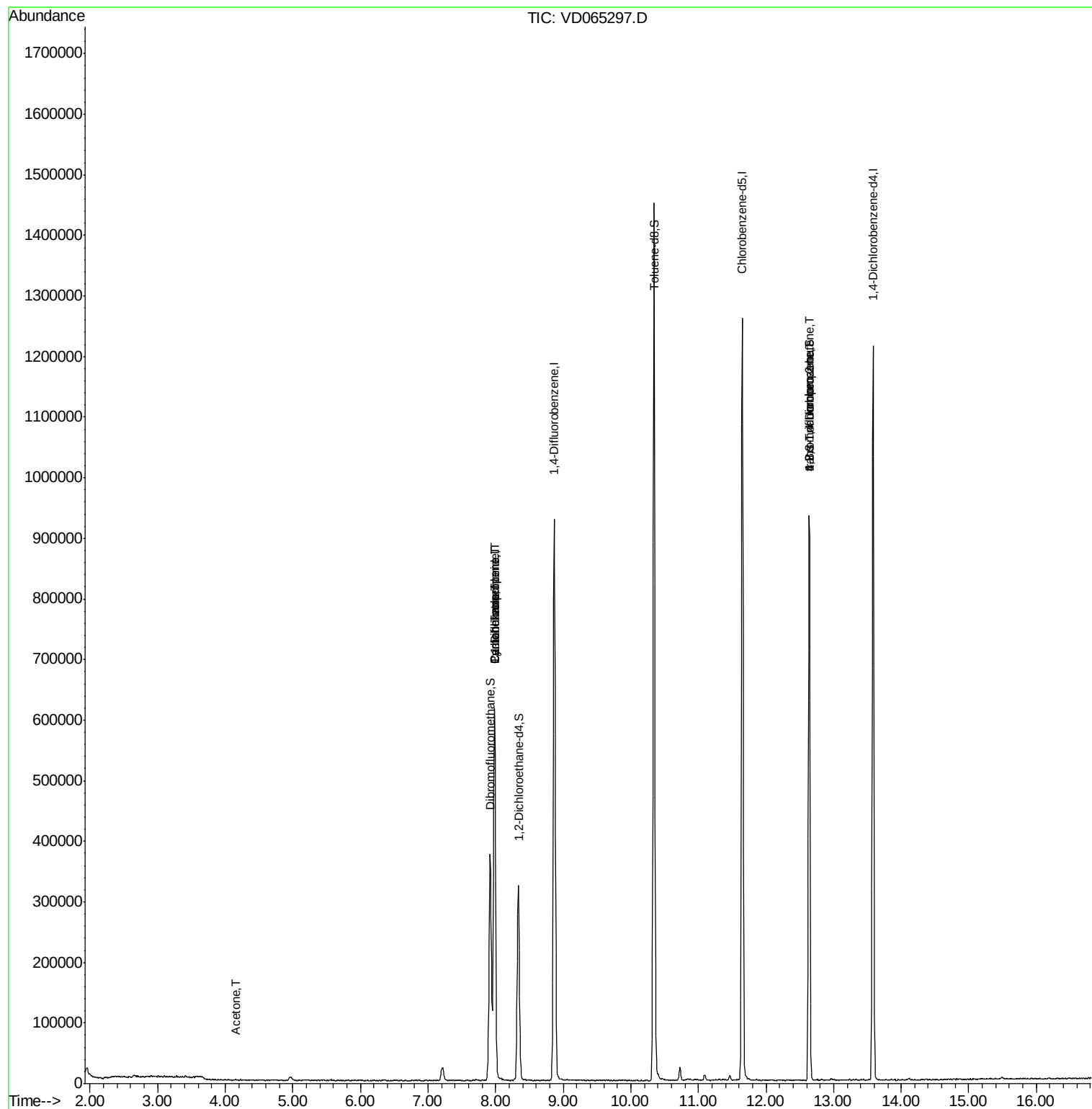
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	478509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	805583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	738802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	333501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	262267	60.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.86%	
35) Dibromofluoromethane	7.92	113	267219	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
50) Toluene-d8	10.34	98	981998	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.64	95	298114	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
Target Compounds						
16) Acetone	4.17	43	1438	1.367	ug/l	89
20) Methylene Chloride	4.97	84	4446	Below Cal	#	71
31) Cyclohexane	7.98	56	9013	1.065	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	33462	4.269	ug/l #	49
38) Carbon Tetrachloride	7.98	117	44351	5.558	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	143420	50.544	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	143420	109.134	ug/l #	11

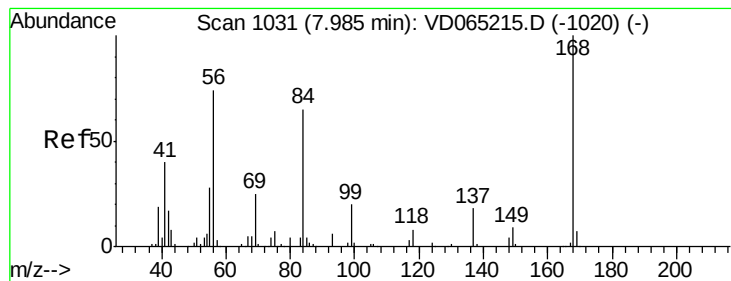
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022420\
Data File : VD065297.D
Acq On : 24 Feb 2020 16:25
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Quant Time: Feb 25 01:24:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 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: VD065297.D

Acq: 24 Feb 2020 16:25

Instrument :

MSVOA_D

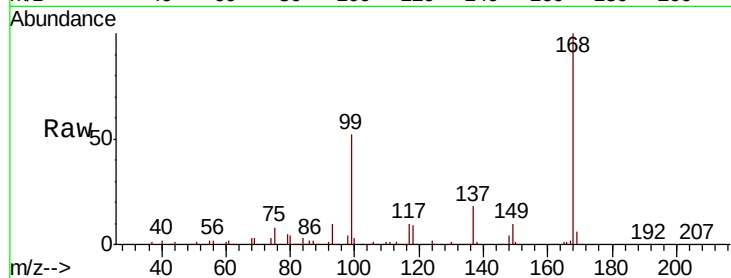
ClientSampleId :

Tot Ion:168 Resp: 478509

Ion Ratio Lower Upper

168 100

99 52.5 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

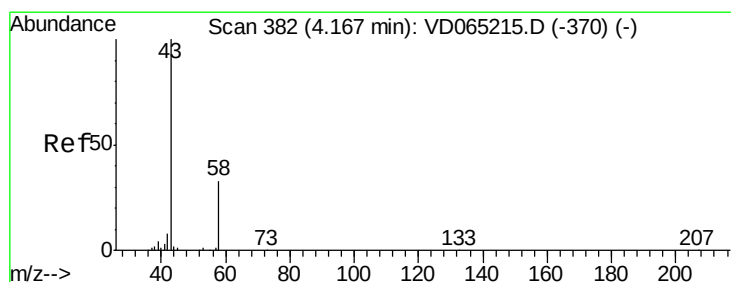
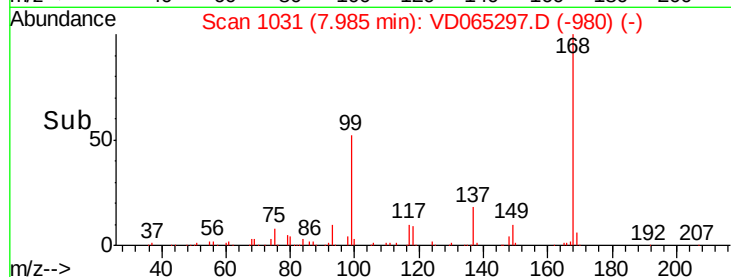
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.367 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065297.D

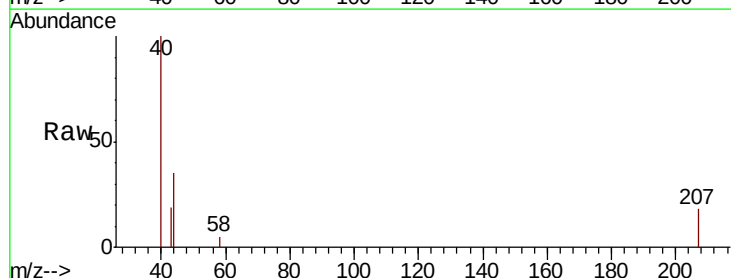
Acq: 24 Feb 2020 16:25

Tgt Ion: 43 Resp: 1438

Ion Ratio Lower Upper

43 100

58 26.8 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

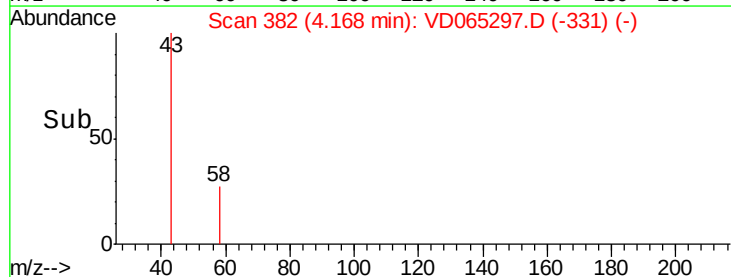
600

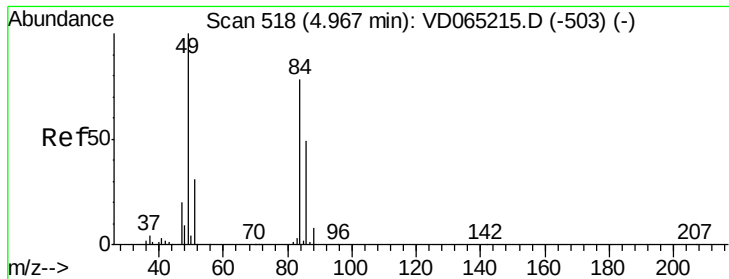
400

200

0

Time-->



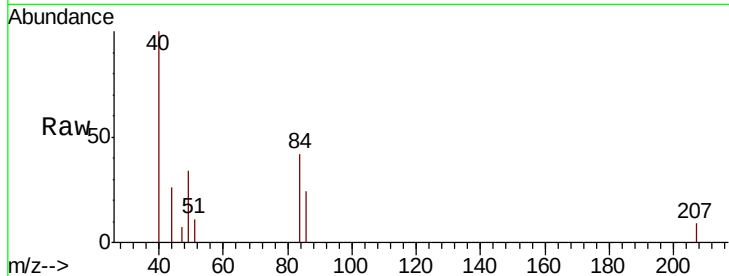


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.97 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VD065297.D
 Acq: 24 Feb 2020 16:25

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion:	84	Resp:	4446
Ion	Ratio	Lower	Upper
84	100		
49	80.1	103.1	154.7#
51	27.0	31.7	47.5#
86	57.6	50.9	76.3



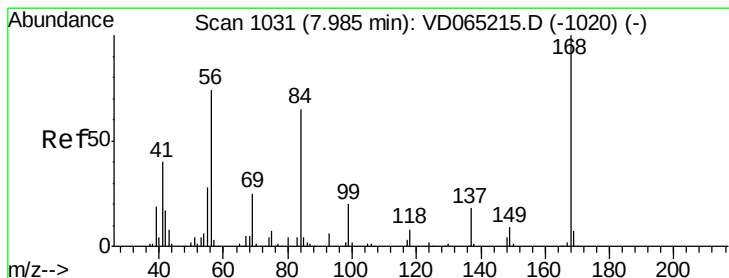
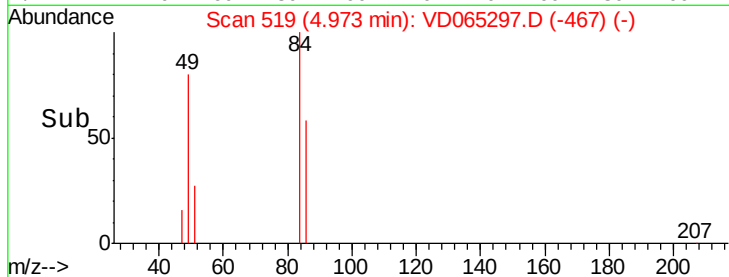
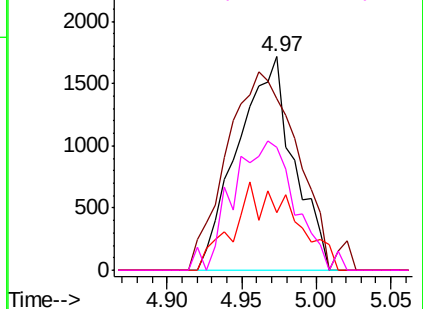
Abundance

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

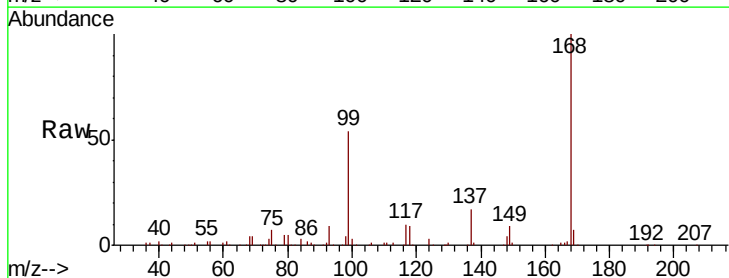
Ion 85.90 (85.60 to 86.60): VDC



#31

Cyclohexane
 Concen: 1.065 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VD065297.D
 Acq: 24 Feb 2020 16:25

Tgt Ion:	56	Resp:	9013
Ion	Ratio	Lower	Upper
56	100		
69	183.3	27.4	41.0#
84	158.1	71.1	106.7#

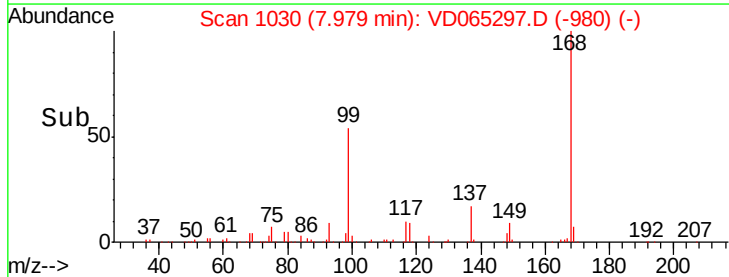
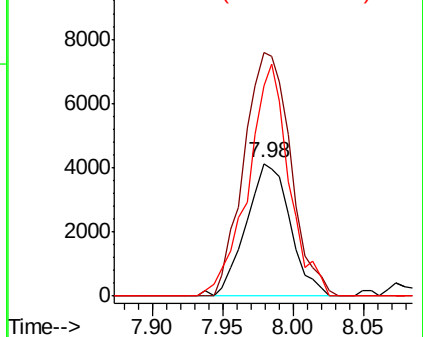


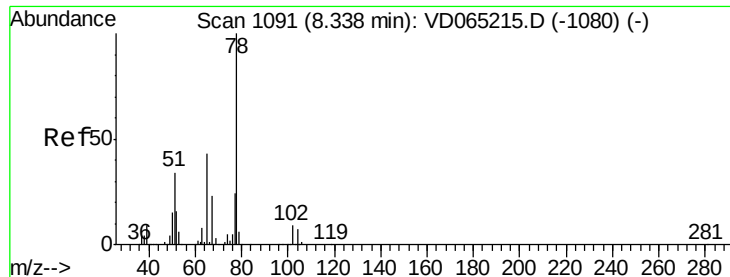
Abundance

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

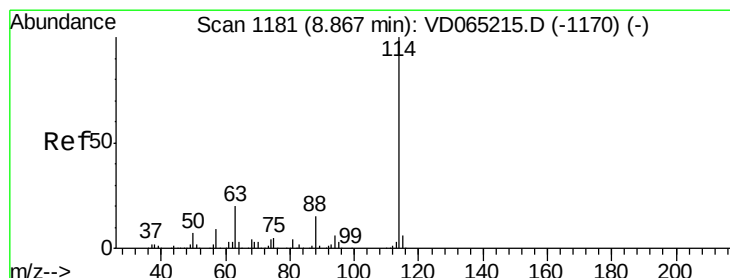
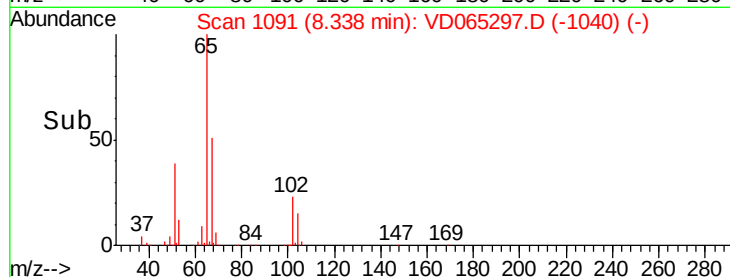
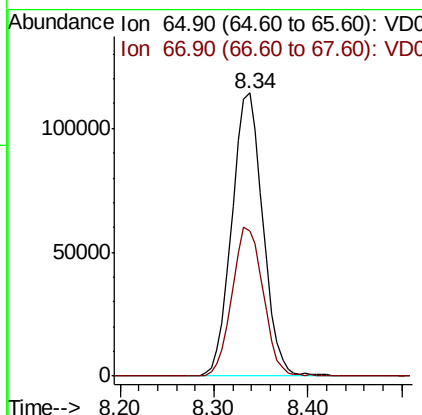
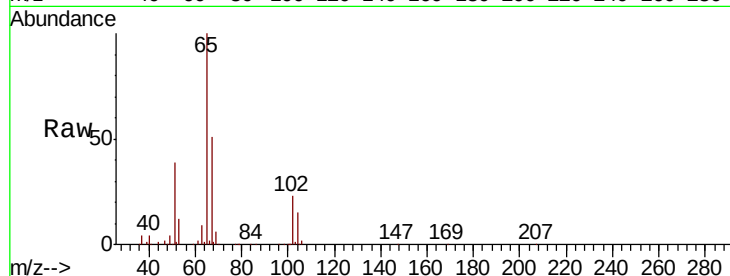




#33
 1,2-Dichloroethane-d4
 Concen: 60.925 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065297.D
 Acq: 24 Feb 2020 16:25

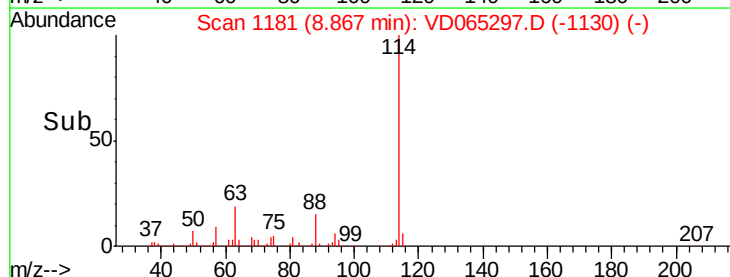
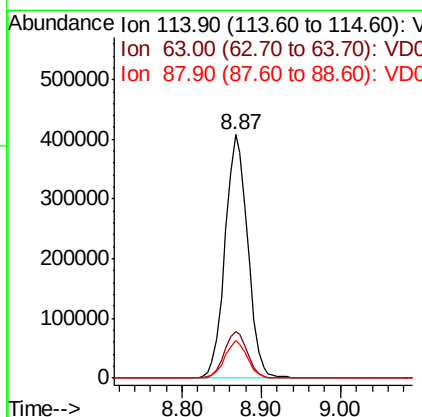
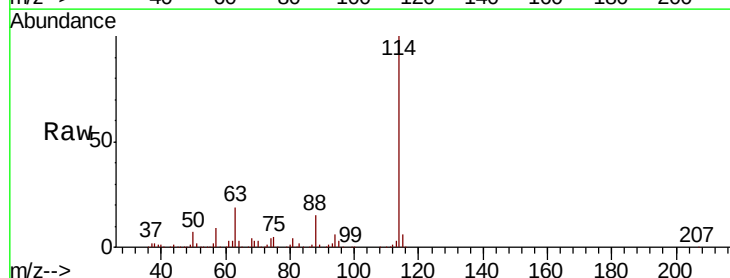
Instrument :
 MSVOA_D
 ClientSampled :

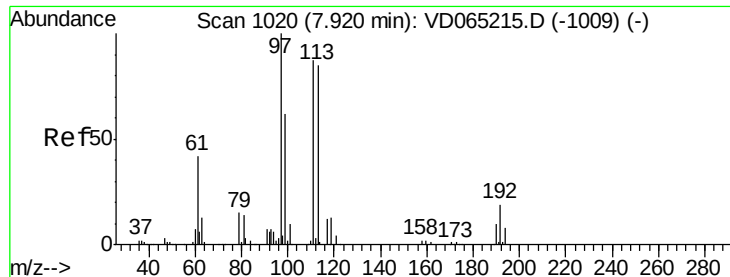
Tot Ion: 65 Resp: 262267
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065297.D
 Acq: 24 Feb 2020 16:25

Tgt Ion: 114 Resp: 805583
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.4
 88 15.4 0.0 30.4

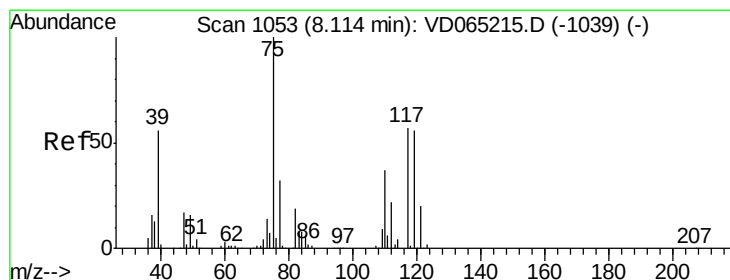
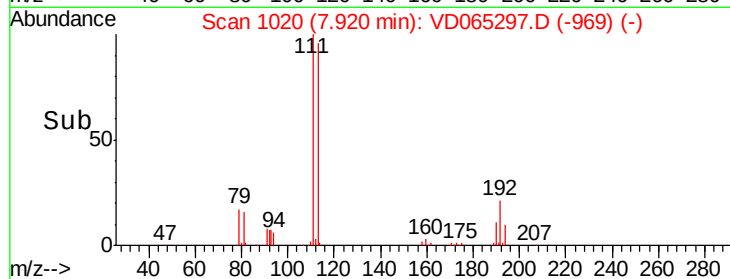
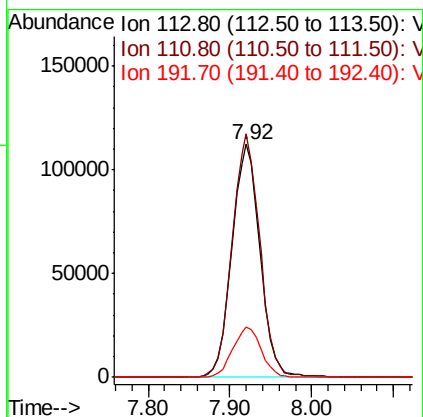
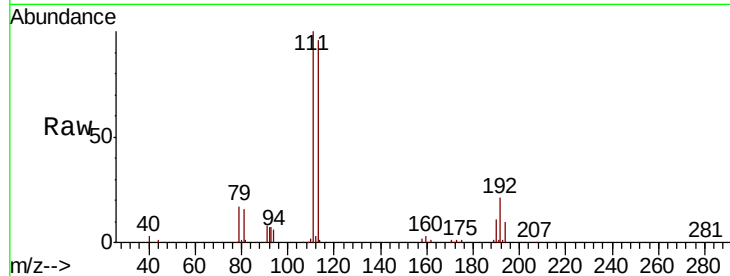




#35
 Dibromofluoromethane
 Concen: 54.402 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065297.D
 Acq: 24 Feb 2020 16:25

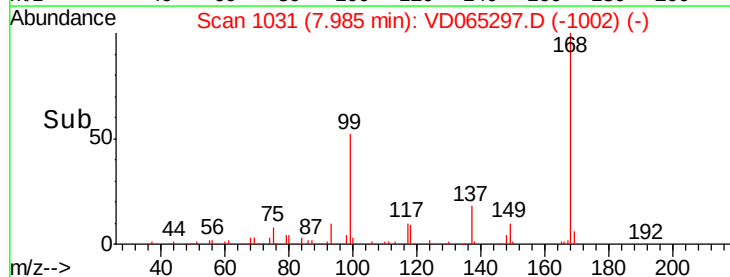
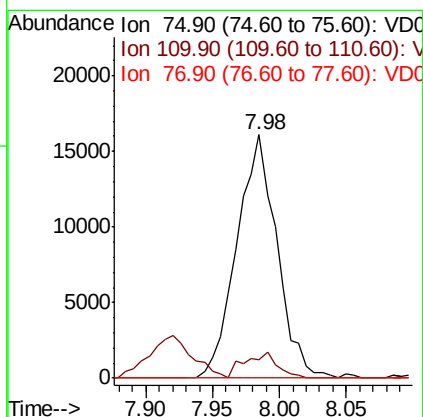
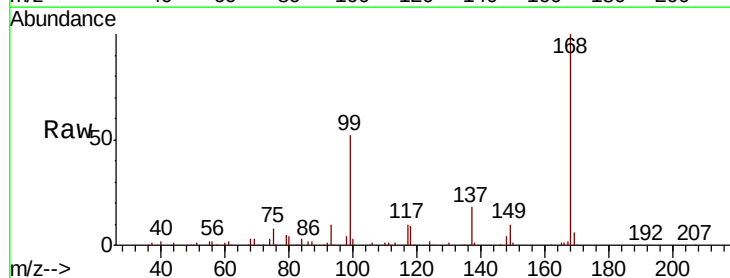
Instrument :
 MSVOA_D
 ClientSampleId :

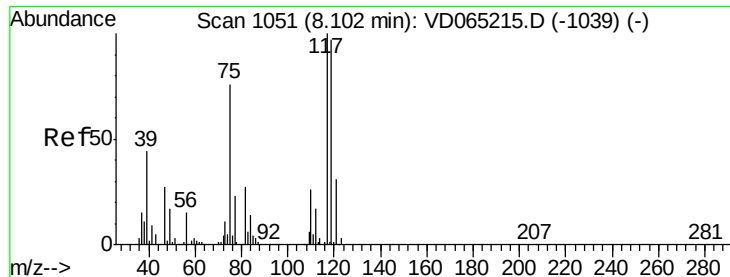
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	22.0	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.269 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065297.D
 Acq: 24 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.9	53.7#
77	0.0	25.1	37.7#

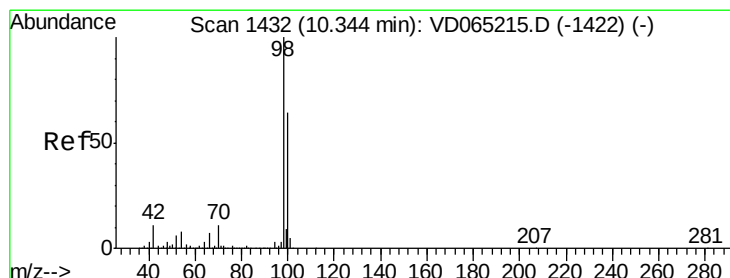
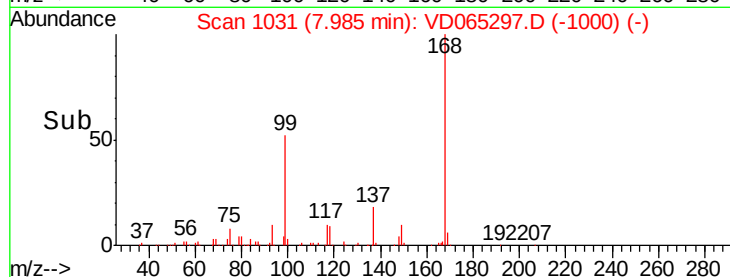
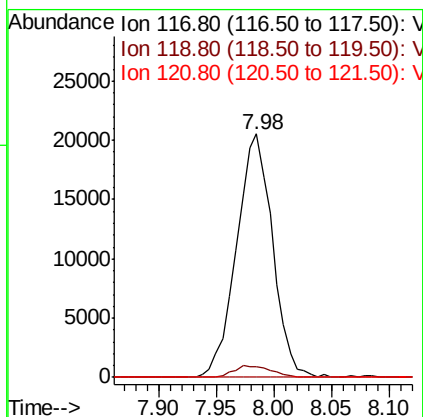
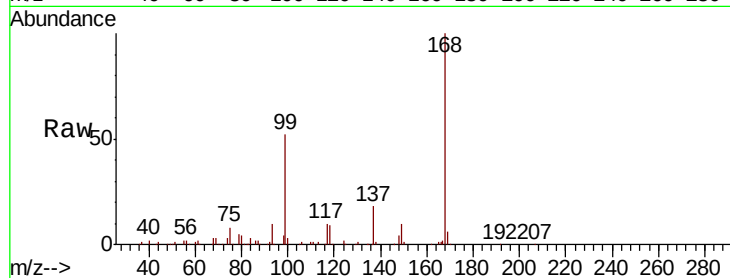




#38
Carbon Tetrachloride
Concen: 5.558 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD065297.D
Acq: 24 Feb 2020 16:25

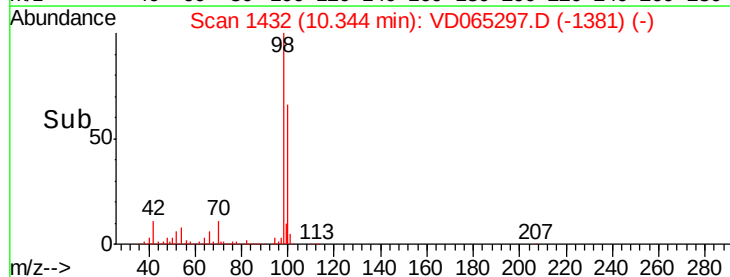
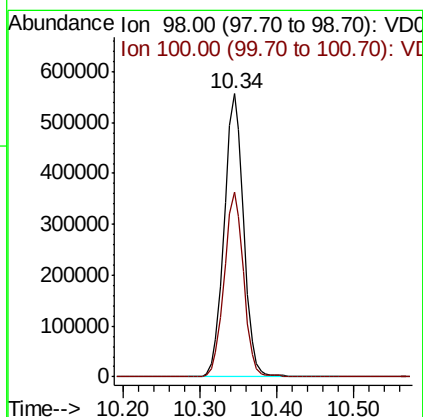
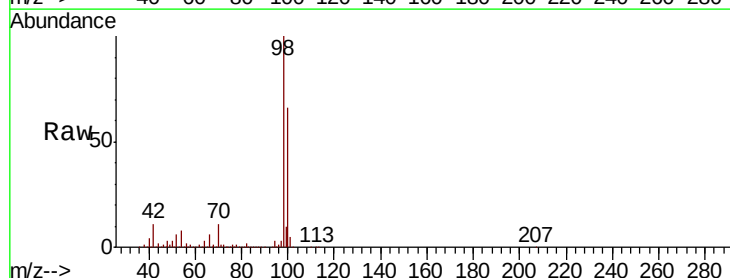
Instrument :
MSVOA_D
ClientSampled :

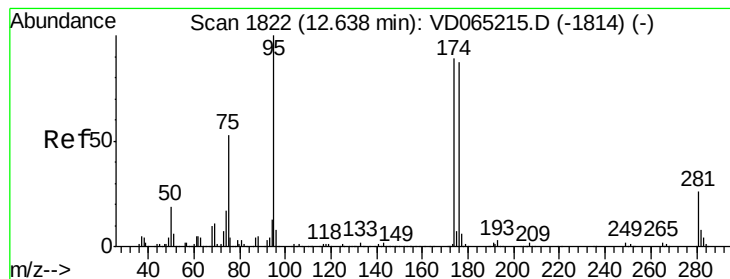
Tot Ion:117 Resp: 44351
Ion Ratio Lower Upper
117 100
119 4.4 77.6 116.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.295 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065297.D
Acq: 24 Feb 2020 16:25

Tgt Ion: 98 Resp: 981998
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 50.114 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065297.D

Acq: 24 Feb 2020 16:25

Instrument :

MSVOA_D

ClientSampleId :

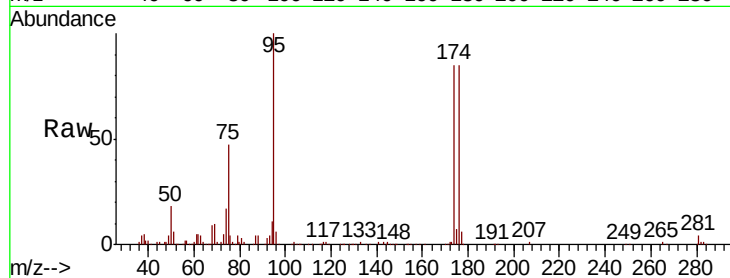
Tot Ion: 95 Resp: 298114

Ion Ratio Lower Upper

95 100

174 87.6 0.0 178.0

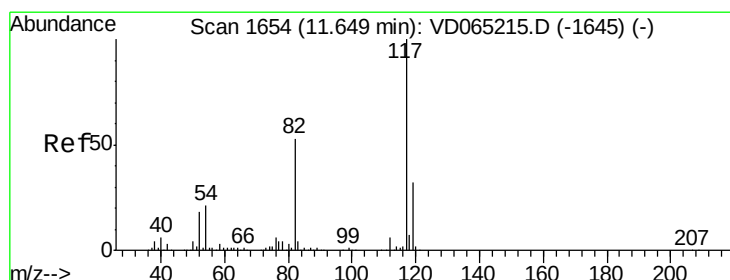
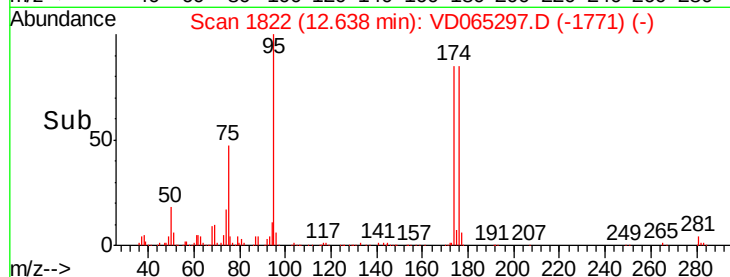
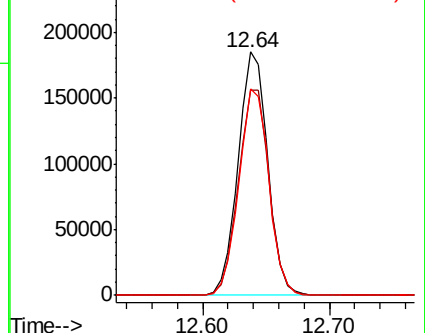
176 86.0 0.0 174.4



Abundance Ion 94.90 (94.60 to 95.60): V

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: VD065297.D

Acq: 24 Feb 2020 16:25

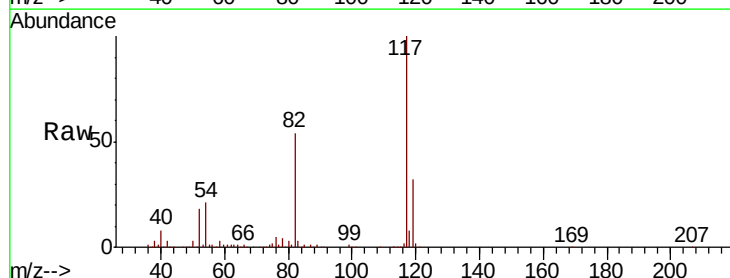
Tgt Ion: 117 Resp: 738802

Ion Ratio Lower Upper

117 100

82 53.8 42.7 64.1

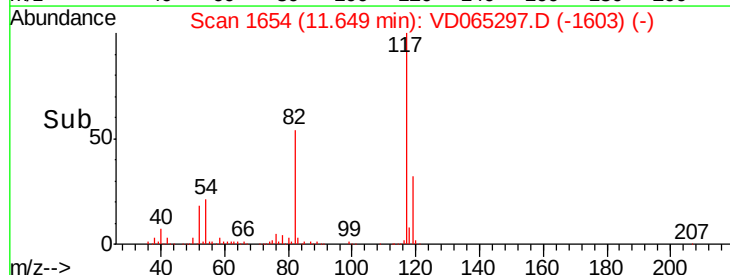
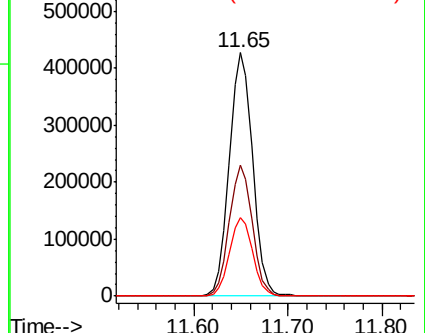
119 32.4 25.5 38.3

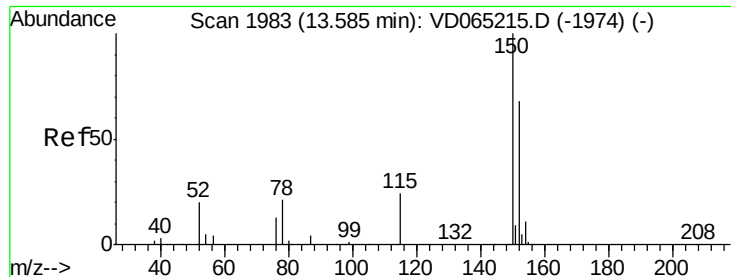


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065297.D

Acq: 24 Feb 2020 16:25

Instrument :

MSVOA_D

ClientSampled :

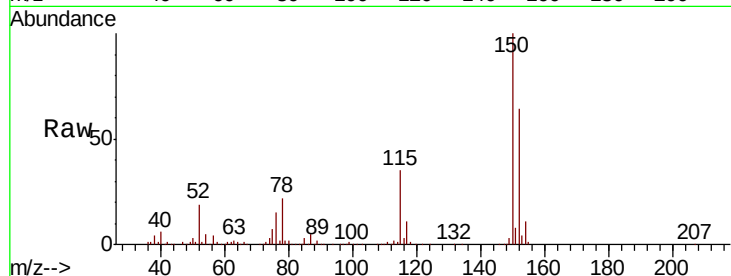
Tot Ion:152 Resp: 333501

Ion Ratio Lower Upper

152 100

115 55.9 27.6 82.8

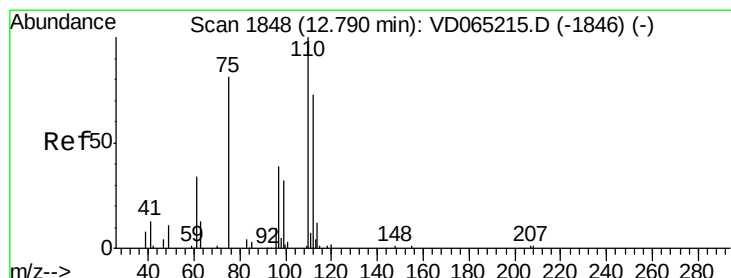
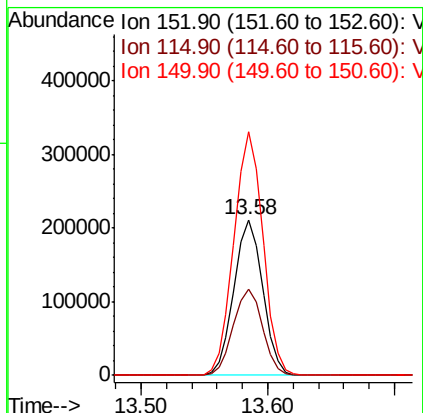
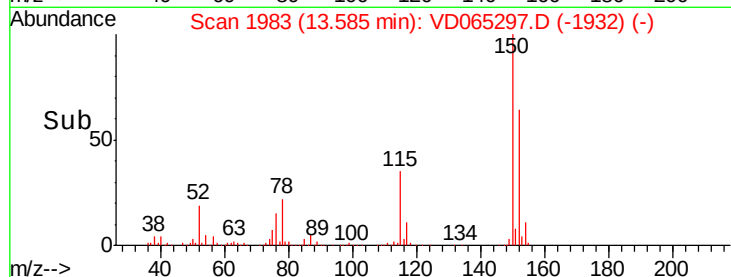
150 157.2 0.0 347.4



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: 50.544 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065297.D

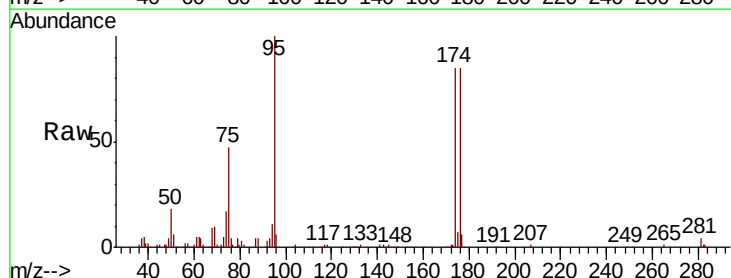
Acq: 24 Feb 2020 16:25

Tgt Ion: 75 Resp: 143420

Ion Ratio Lower Upper

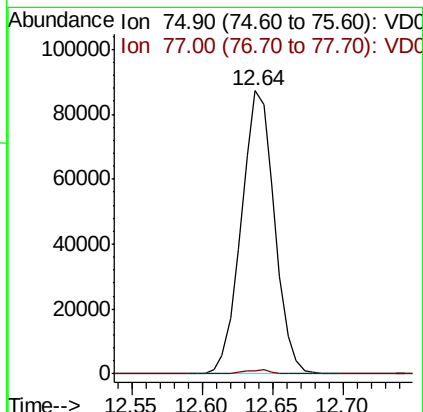
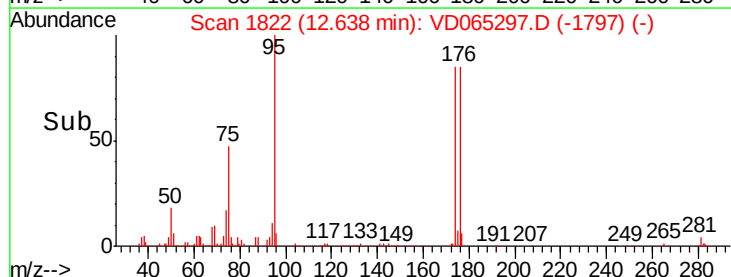
75 100

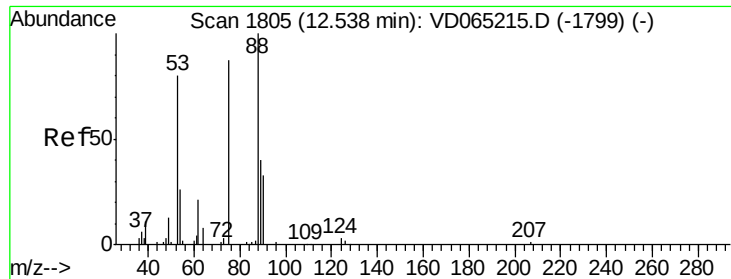
77 1.4 0.0 0.0#



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: 109.134 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD065297.D
 Acq: 24 Feb 2020 16:25

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 143420
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.6 116.4#
 89 0.0 37.2 55.8#

