

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030520\
 Data File : VD065435.D
 Acq On : 05 Mar 2020 17:06
 Operator : VA/SY
 Sample : L1792-05RE
 Misc : 6.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 06 03:50:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

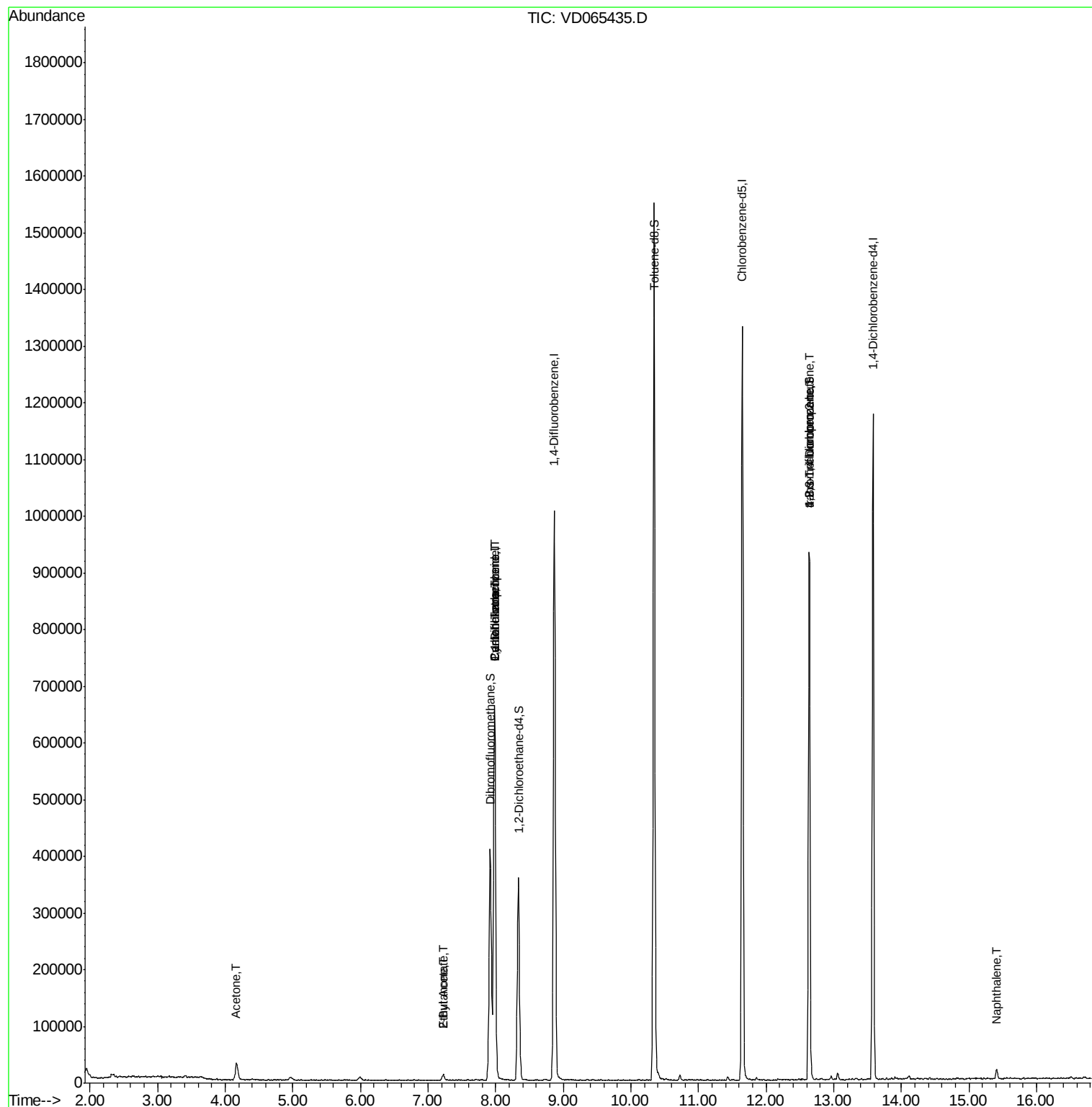
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	523599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	873760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	779325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	324511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	278104	61.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.84%	
35) Dibromofluoromethane	7.92	113	292124	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
50) Toluene-d8	10.34	98	1054393	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.64	95	304957	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.78	94	288	Below Cal	#	42
16) Acetone	4.16	43	52310	57.588	ug/l	92
20) Methylene Chloride	4.97	84	4174	Below Cal	#	87
25) 2-Butanone	7.23	43	15826	12.767	ug/l	92
31) Cyclohexane	7.98	56	10165	1.140	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	36526	4.361	ug/l #	49
37) Ethyl Acetate	7.23	43	15826	4.889	ug/l #	68
38) Carbon Tetrachloride	7.98	117	47129	5.426	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	146595	57.249	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	146595	120.812	ug/l #	14
95) Naphthalene	15.41	128	15960	5.796	ug/l	100

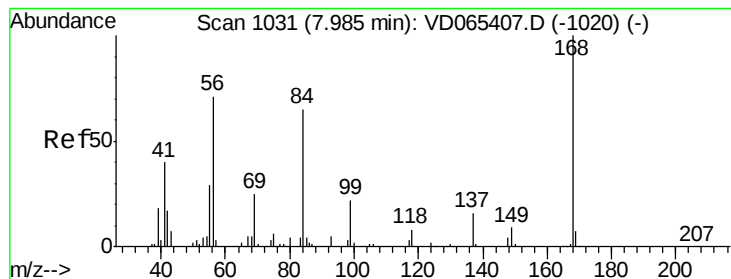
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030520\
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ALS Vial : 14 Sample Multiplier: 1

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MSVOA_D
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Quant Time: Mar 06 03:50:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 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: VD065435.D

Acq: 05 Mar 2020 17:06

Instrument :

MSVOA_D

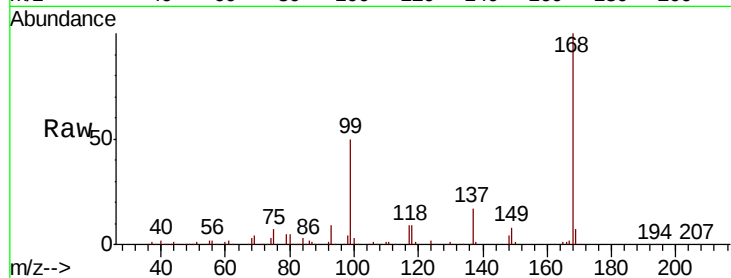
ClientSampled :

Tot Ion:168 Resp: 523599

Ion Ratio Lower Upper

168 100

99 50.3 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

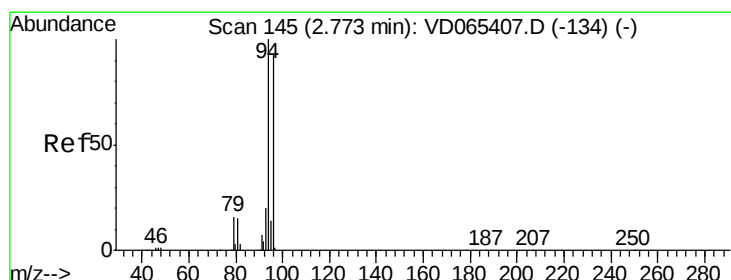
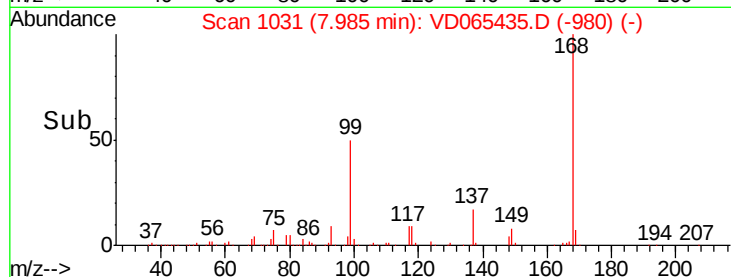
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10 8.20



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD065435.D

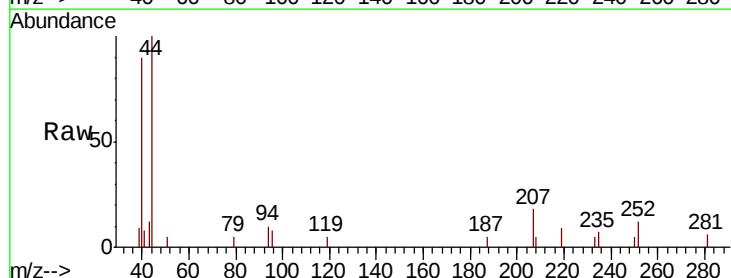
Acq: 05 Mar 2020 17:06

Tgt Ion: 94 Resp: 288

Ion Ratio Lower Upper

94 100

96 37.7 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.78

400

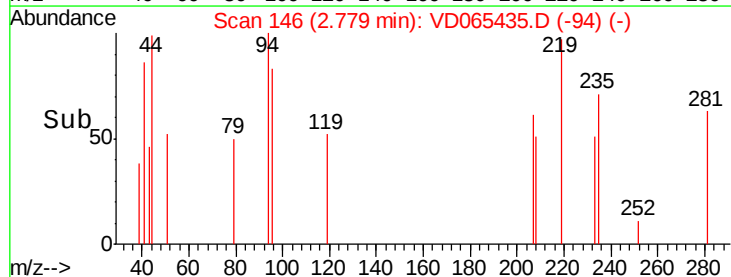
300

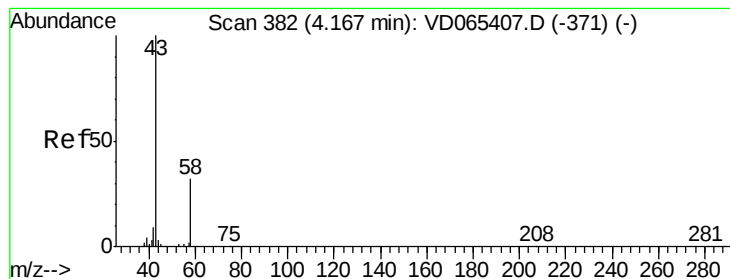
200

100

0

Time--> 2.76 2.78 2.80





#16

Acetone

Concen: 57.588 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065435.D

Acq: 05 Mar 2020 17:06

Instrument :

MSVOA_D

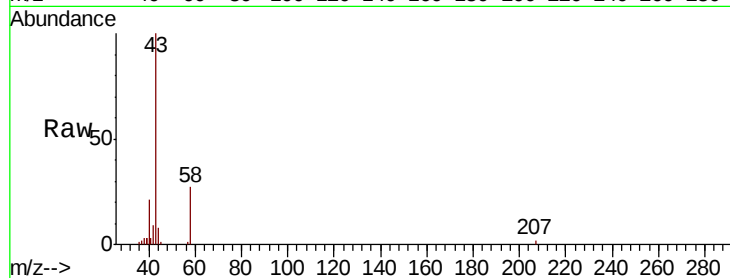
ClientSampleId :

Tot Ion: 43 Resp: 52310

Ion Ratio Lower Upper

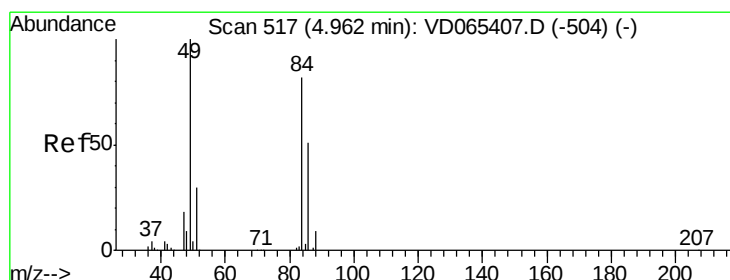
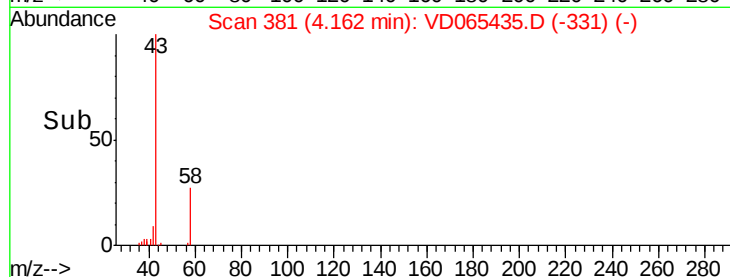
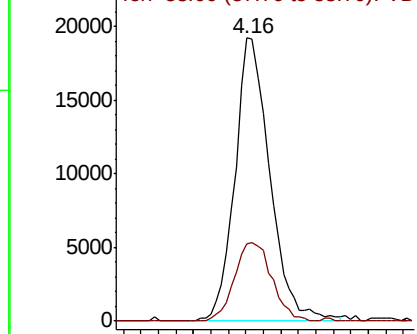
43 100

58 27.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD065435.D

Acq: 05 Mar 2020 17:06

Tgt Ion: 84 Resp: 4174

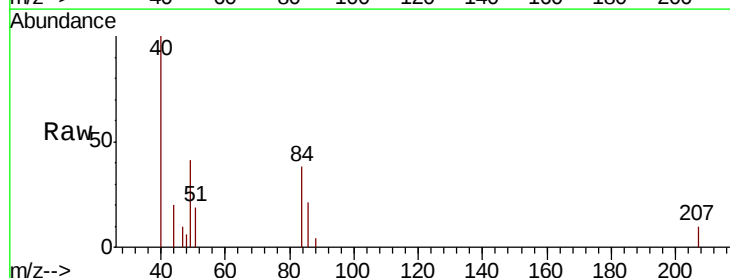
Ion Ratio Lower Upper

84 100

49 107.9 97.7 146.5

51 48.9 28.8 43.2#

86 54.6 49.5 74.3

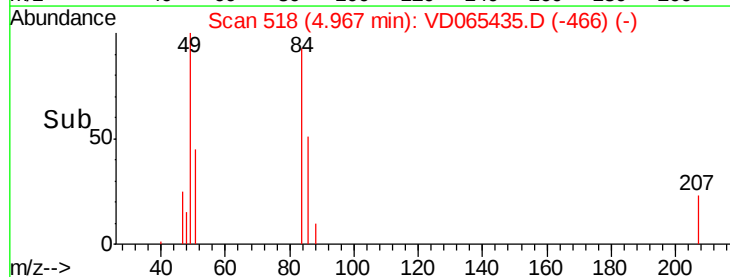
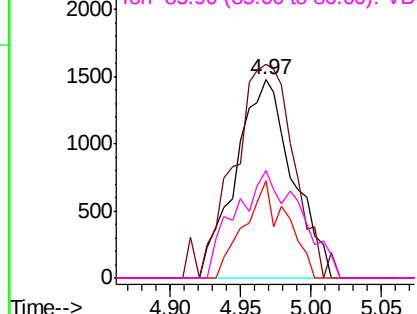


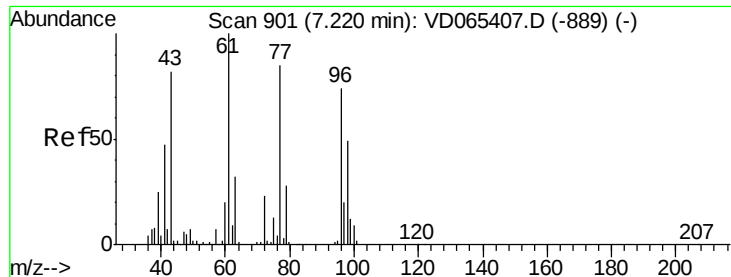
Abundance Ion 83.90 (83.60 to 84.60): VDC

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





#25

2-Butanone

Concen: 12.767 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065435.D

Acq: 05 Mar 2020 17:06

Instrument :

MSVOA_D

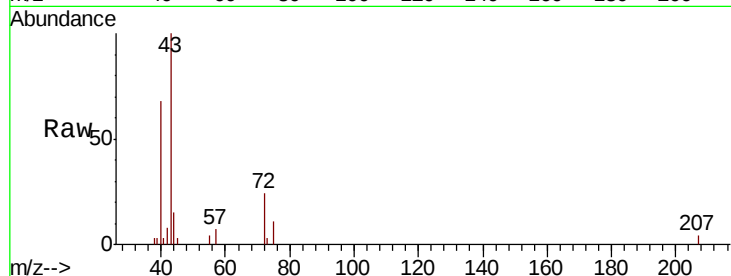
ClientSampleId :

Tot Ion: 43 Resp: 15826

Ion Ratio Lower Upper

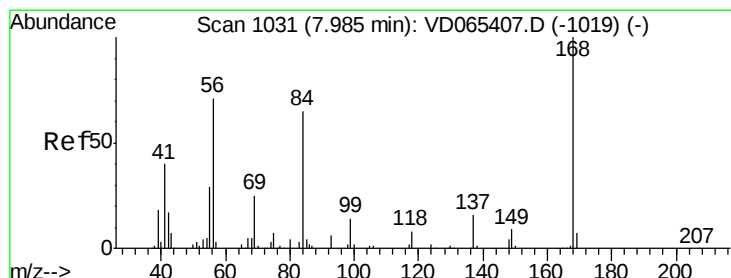
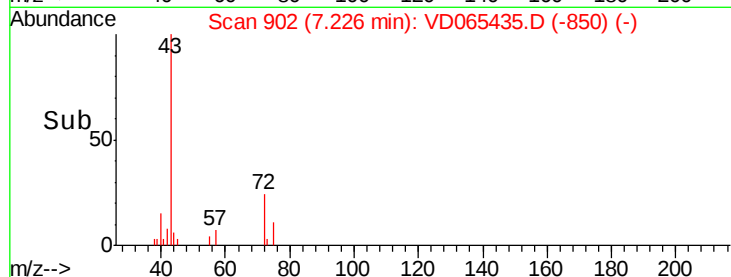
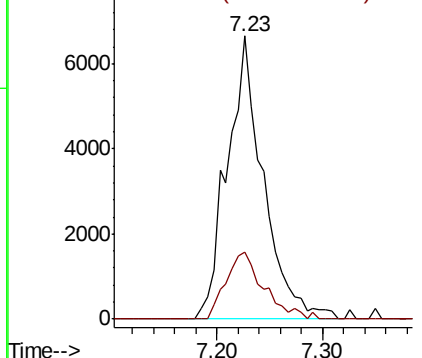
43 100

72 23.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.140 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065435.D

Acq: 05 Mar 2020 17:06

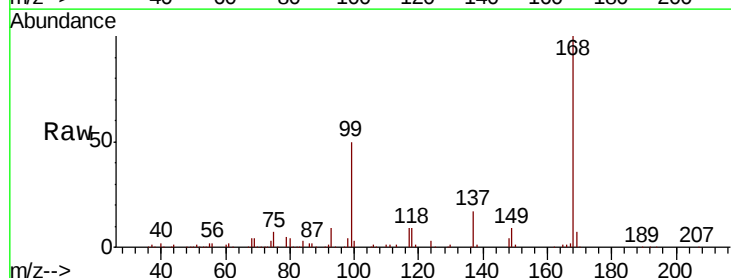
Tgt Ion: 56 Resp: 10165

Ion Ratio Lower Upper

56 100

69 194.4 28.3 42.5#

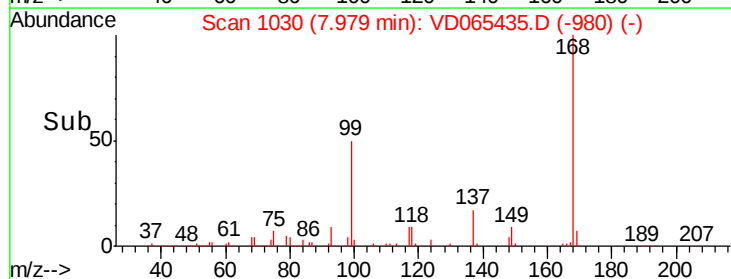
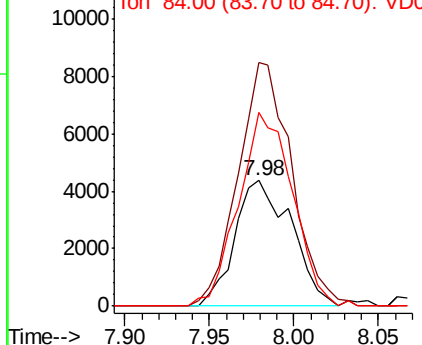
84 154.7 73.1 109.7#

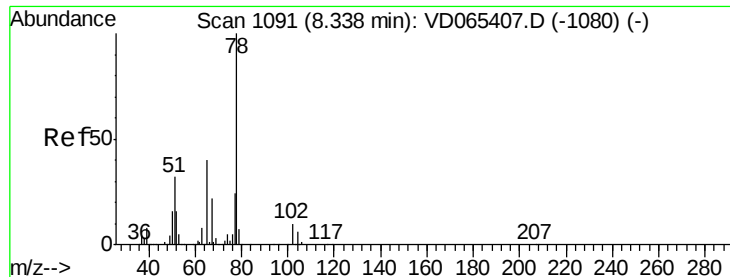


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

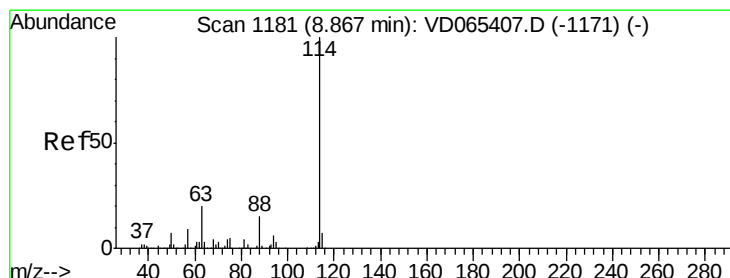
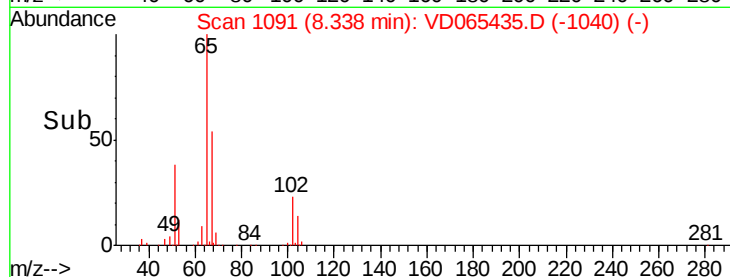
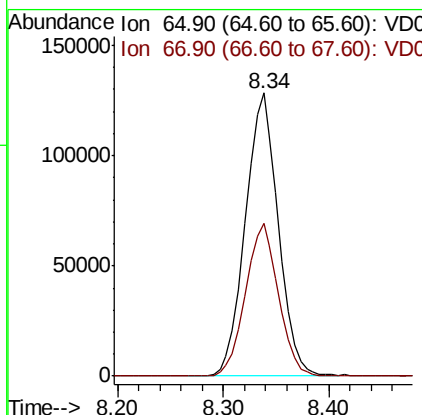
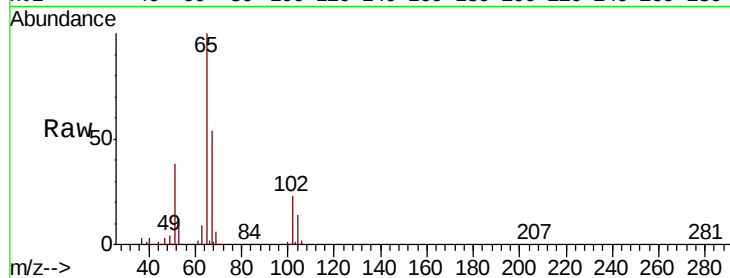




#33
 1,2-Dichloroethane-d4
 Concen: 61.919 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065435.D
 Acq: 05 Mar 2020 17:06

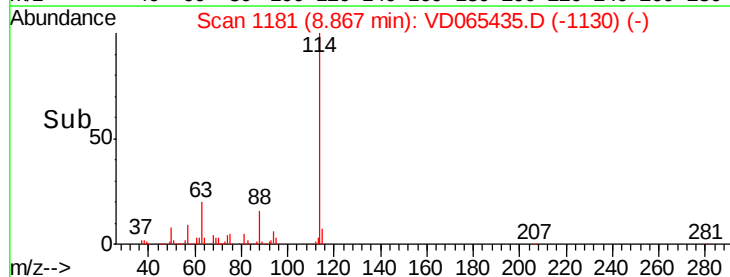
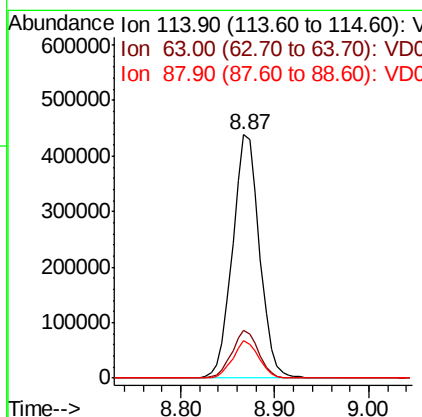
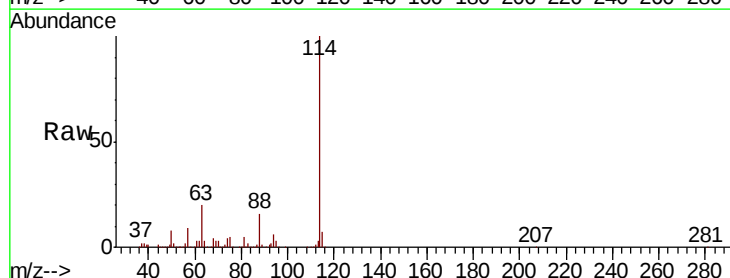
Instrument :
 MSVOA_D
 ClientSampled :

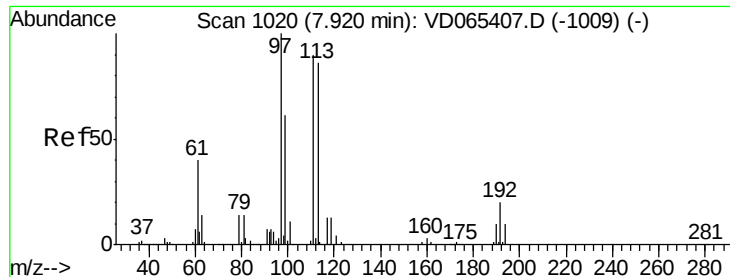
Tot Ion: 65 Resp: 278104
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065435.D
 Acq: 05 Mar 2020 17:06

Tgt Ion:114 Resp: 873760
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.5 0.0 30.4

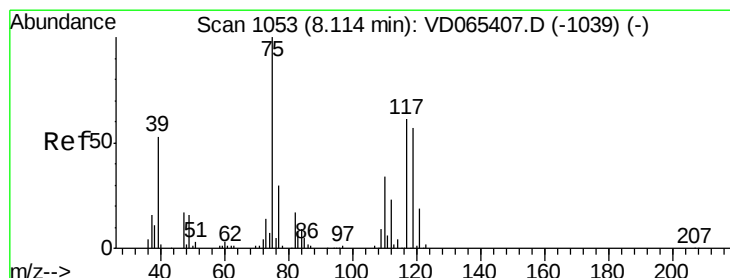
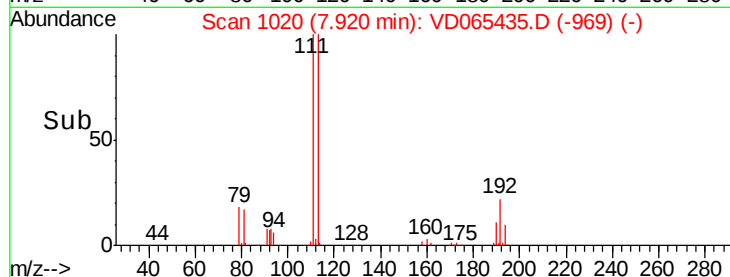
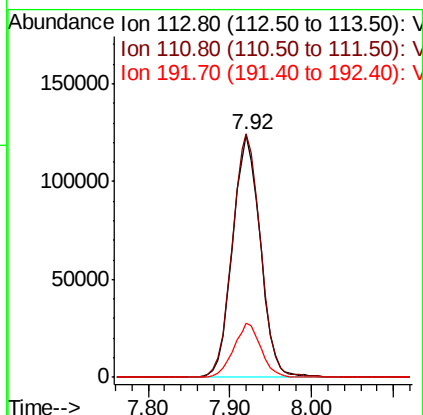
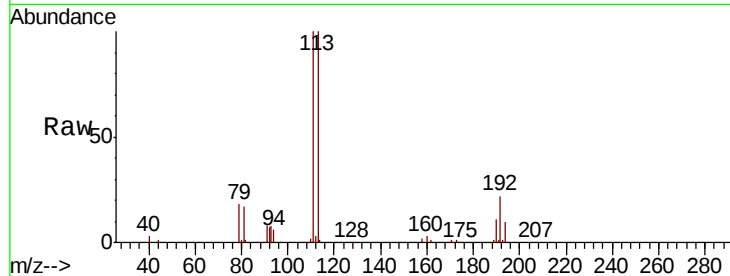




#35
 Dibromofluoromethane
 Concen: 54.063 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065435.D
 Acq: 05 Mar 2020 17:06

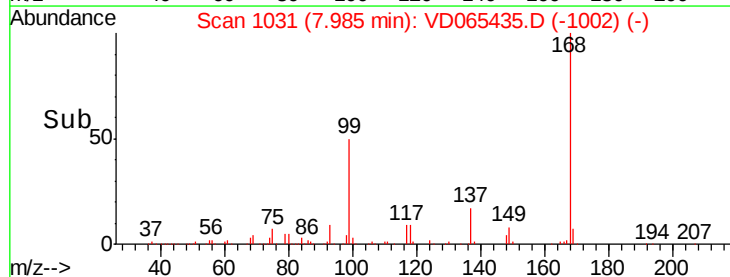
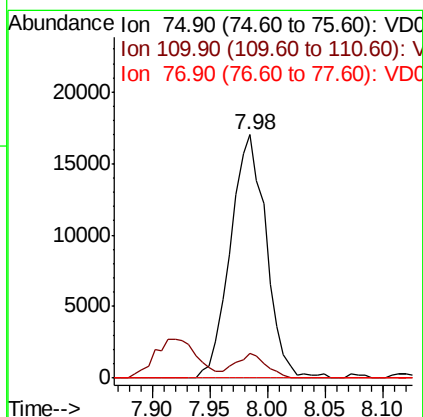
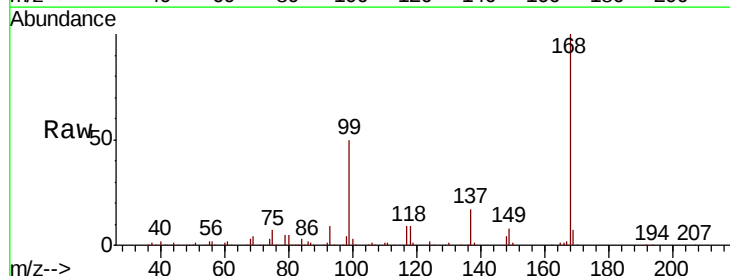
Instrument :
 MSVOA_D
 ClientSampleId :

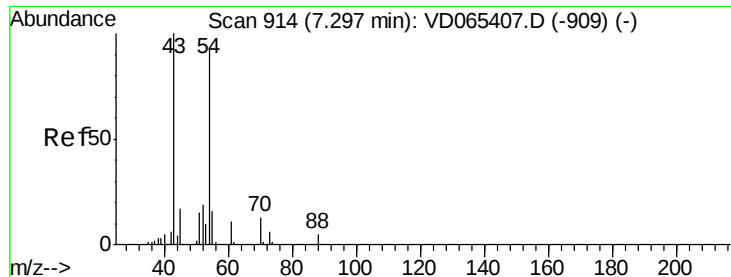
Tot Ion:113 Resp: 292124
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.1 123.1
 192 21.9 17.2 25.8



#36
 1,1-Dichloropropene
 Concen: 4.361 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065435.D
 Acq: 05 Mar 2020 17:06

Tgt Ion: 75 Resp: 36526
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.1 54.1#
 77 0.0 25.2 37.8#

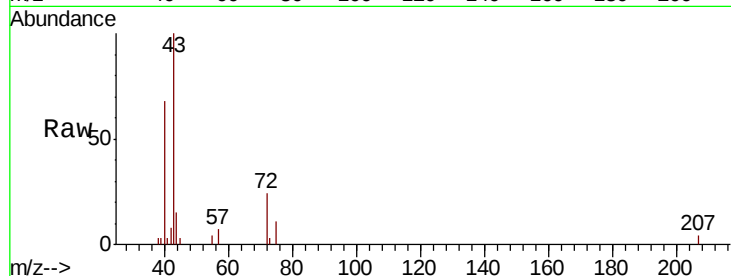




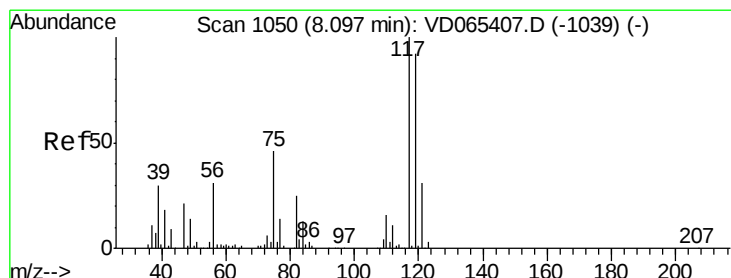
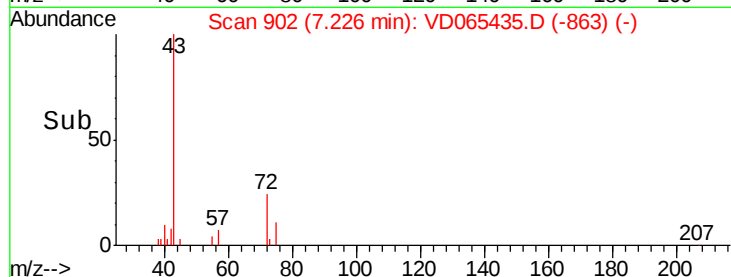
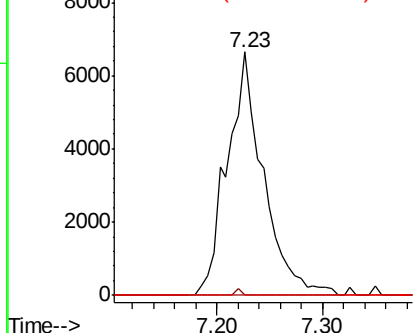
#37
Ethyl Acetate
Concen: 4.889 ug/l
RT: 7.23 min Scan# 902
Delta R.T. -0.07 min
Lab File: VD065435.D
Acq: 05 Mar 2020 17:06

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion: 43 Resp: 15826
Ion Ratio Lower Upper
43 100
61 0.4 11.4 17.0#
70 0.0 9.0 13.4#

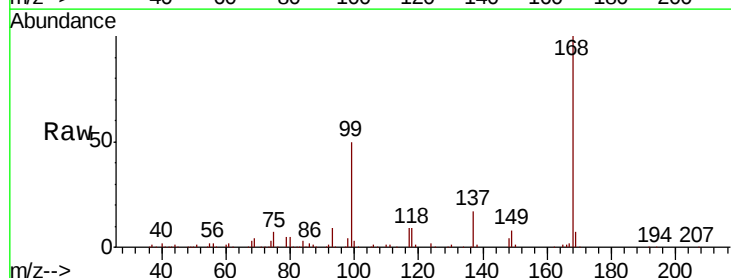


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

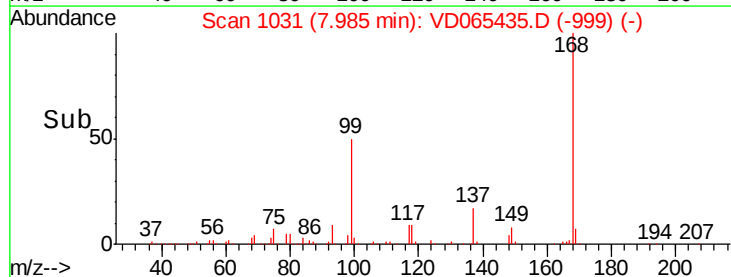
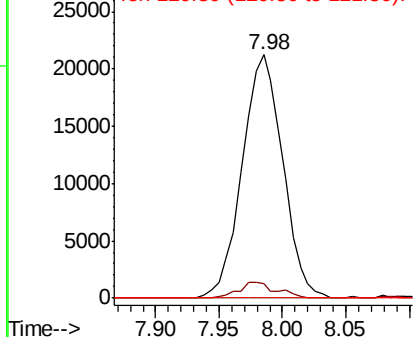


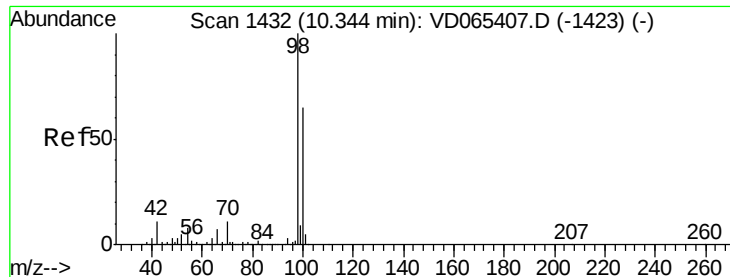
#38
Carbon Tetrachloride
Concen: 5.426 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065435.D
Acq: 05 Mar 2020 17:06

Tgt Ion: 117 Resp: 47129
Ion Ratio Lower Upper
117 100
119 5.9 73.3 109.9#
121 0.0 25.0 37.4#



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

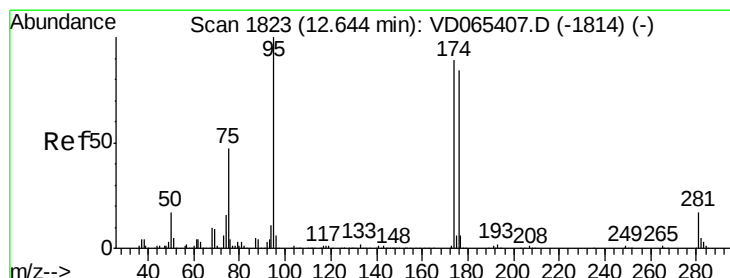
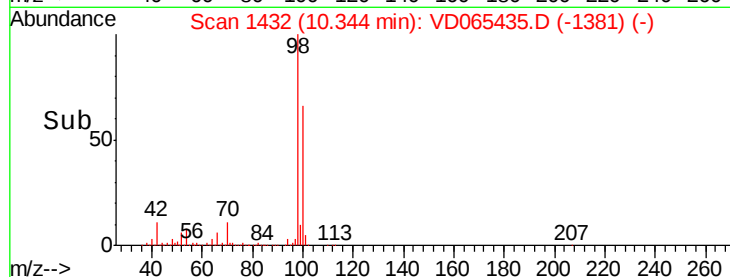
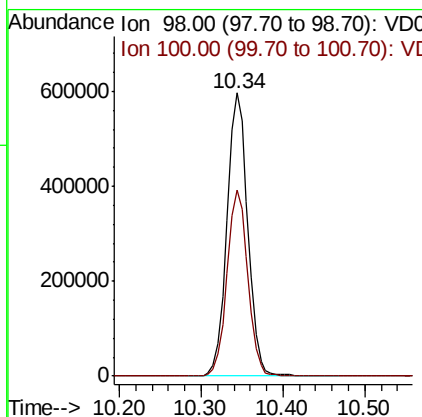
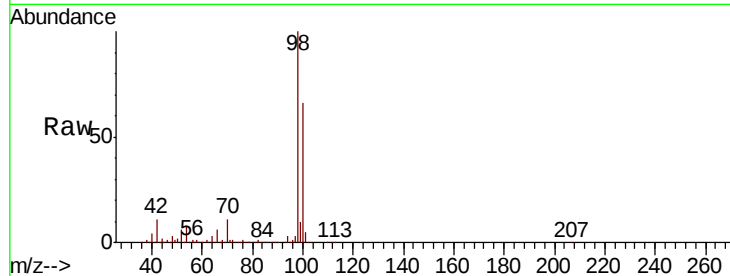




#50
Toluene-d8
Concen: 50.865 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065435.D
Acq: 05 Mar 2020 17:06

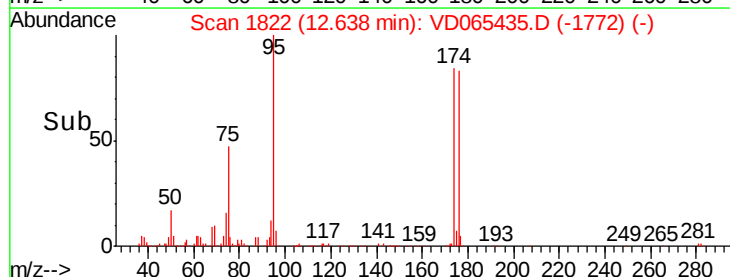
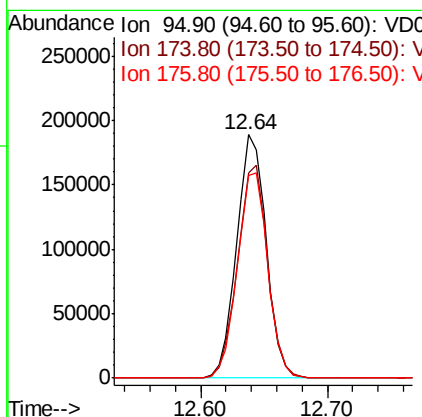
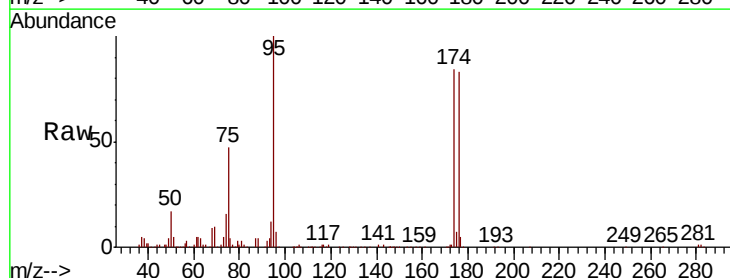
Instrument :
MSVOA_D
ClientSampleId :

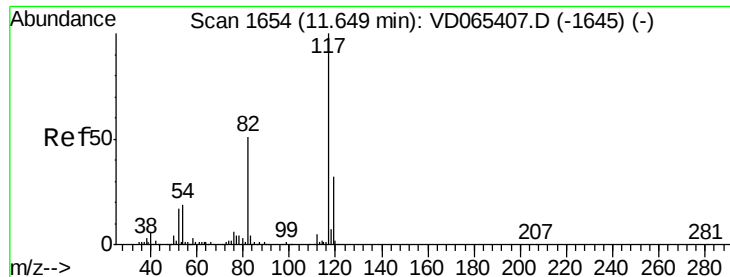
Tot Ion: 98 Resp: 1054393
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.654 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065435.D
Acq: 05 Mar 2020 17:06

Tgt Ion: 95 Resp: 304957
Ion Ratio Lower Upper
95 100
174 88.7 0.0 176.8
176 86.4 0.0 171.4

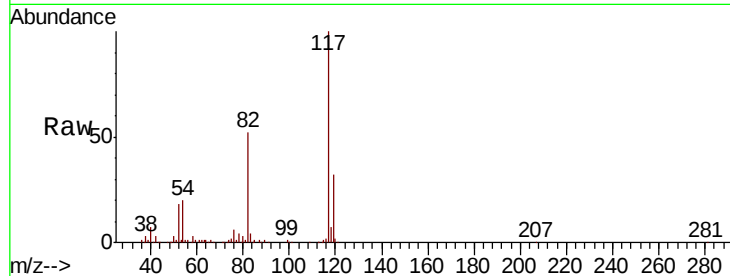




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065435.D
Acq: 05 Mar 2020 17:06

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	40.6	60.8
119	32.3	25.4	38.2

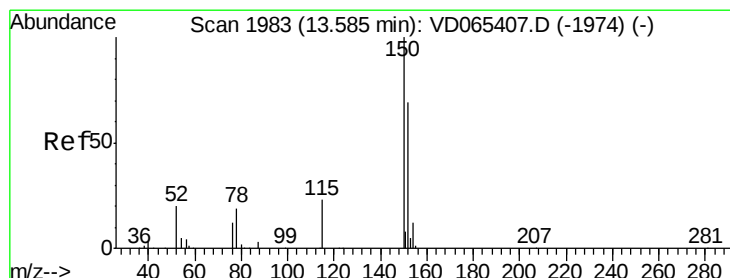
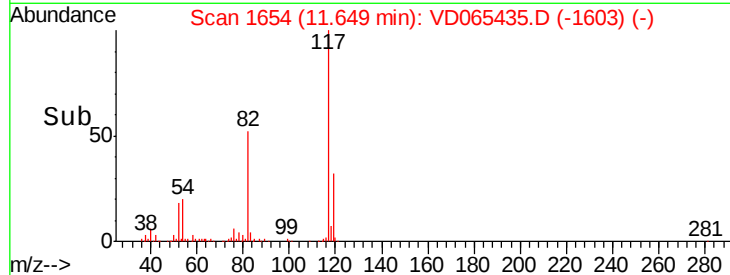
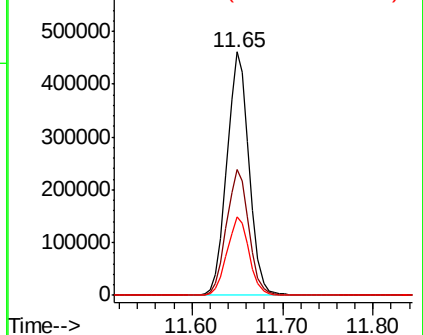


Abundance

Ion 116.90 (116.60 to 117.60): V

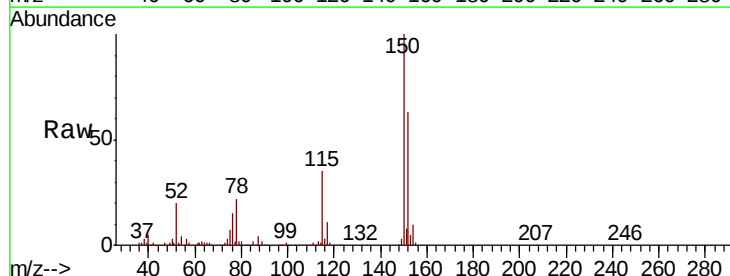
Ion 82.00 (81.70 to 82.70): V

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: VD065435.D
Acq: 05 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.6	82.8
150	155.2	0.0	345.0

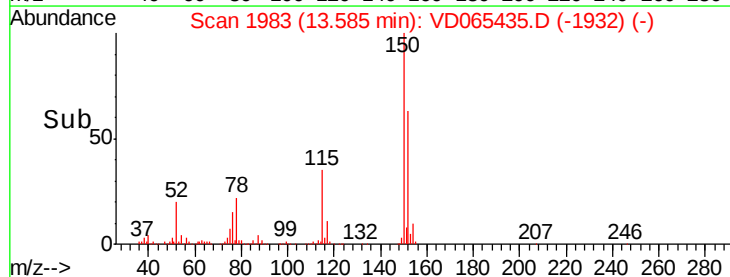
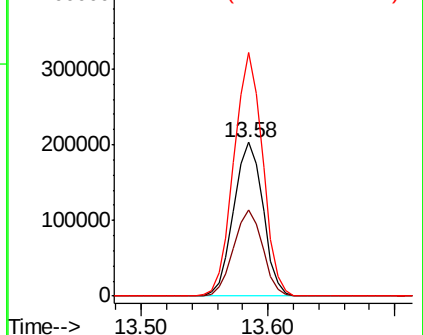


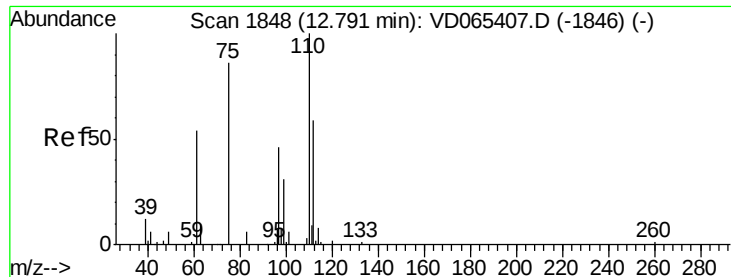
Abundance

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: 57.249 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065435.D

Acq: 05 Mar 2020 17:06

Instrument :

MSVOA_D

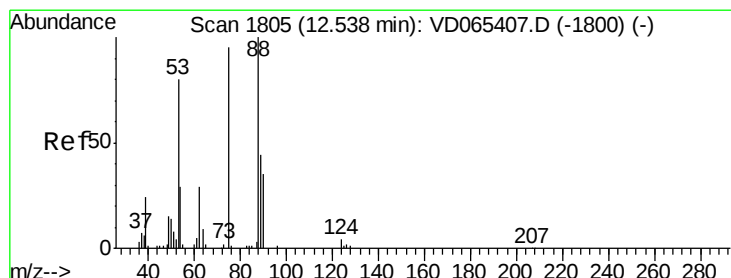
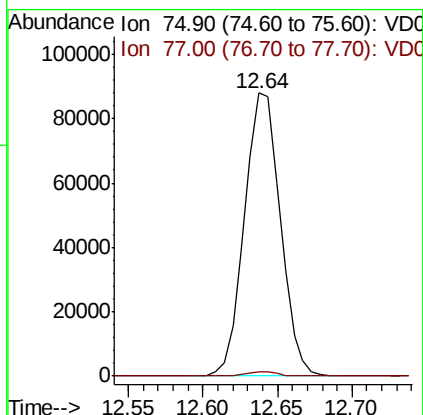
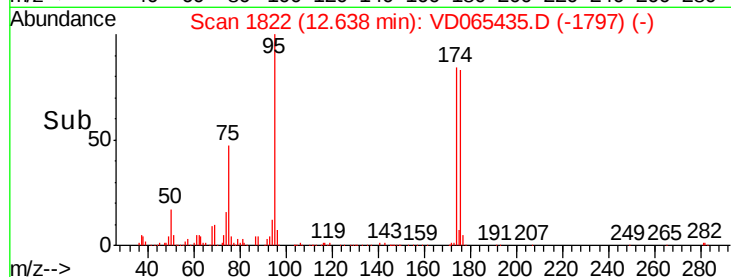
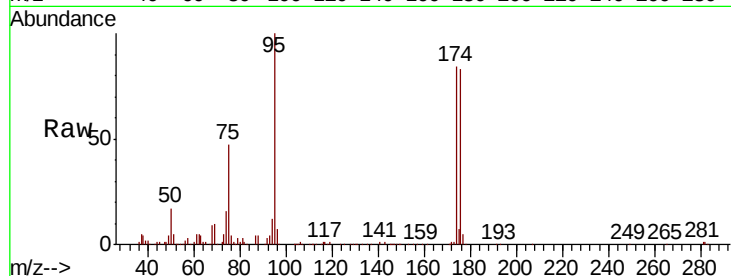
ClientSampleId :

Tot Ion: 75 Resp: 146595

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 120.812 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065435.D

Acq: 05 Mar 2020 17:06

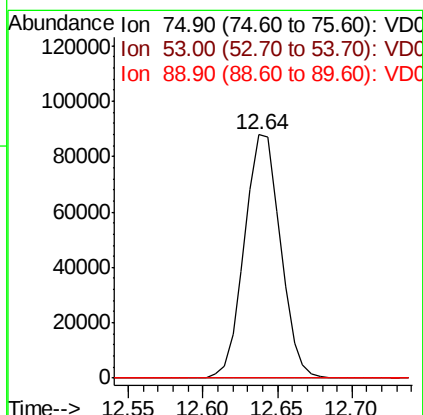
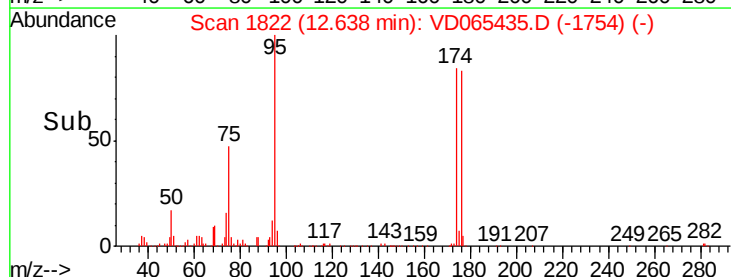
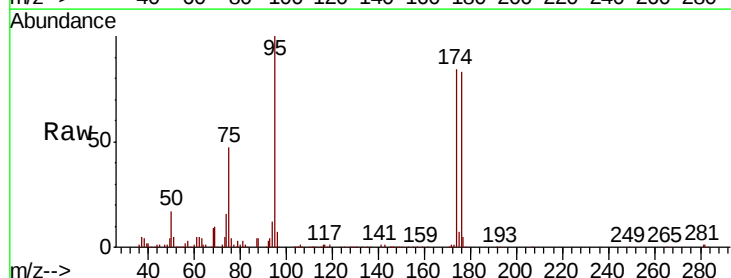
Tgt Ion: 75 Resp: 146595

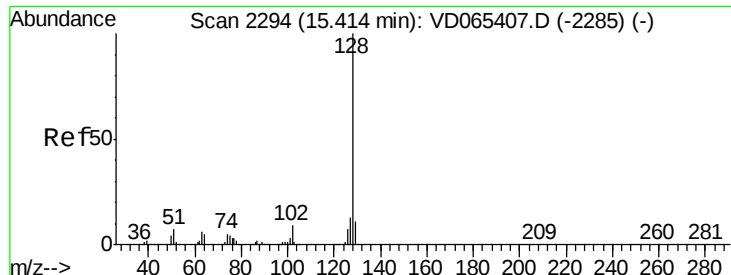
Ion Ratio Lower Upper

75 100

53 0.1 71.3 106.9#

89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 5.796 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

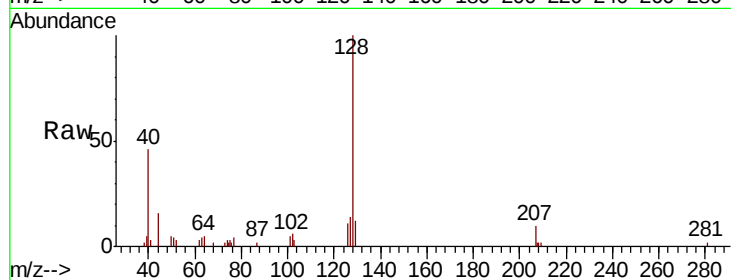
Lab File: VD065435.D

Acq: 05 Mar 2020 17:06

Instrument :

MSVOA_D

ClientSampleId :



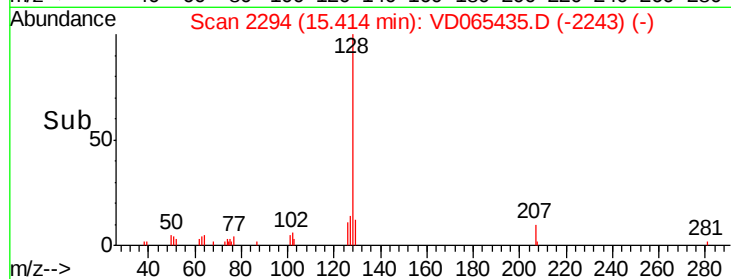
Tot Ion:128 Resp: 15960

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

