

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022620\
 Data File : VD065327.D
 Acq On : 26 Feb 2020 14:49
 Operator : VA/SY
 Sample : L1688-03
 Misc : 6.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 27 08:02:27 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

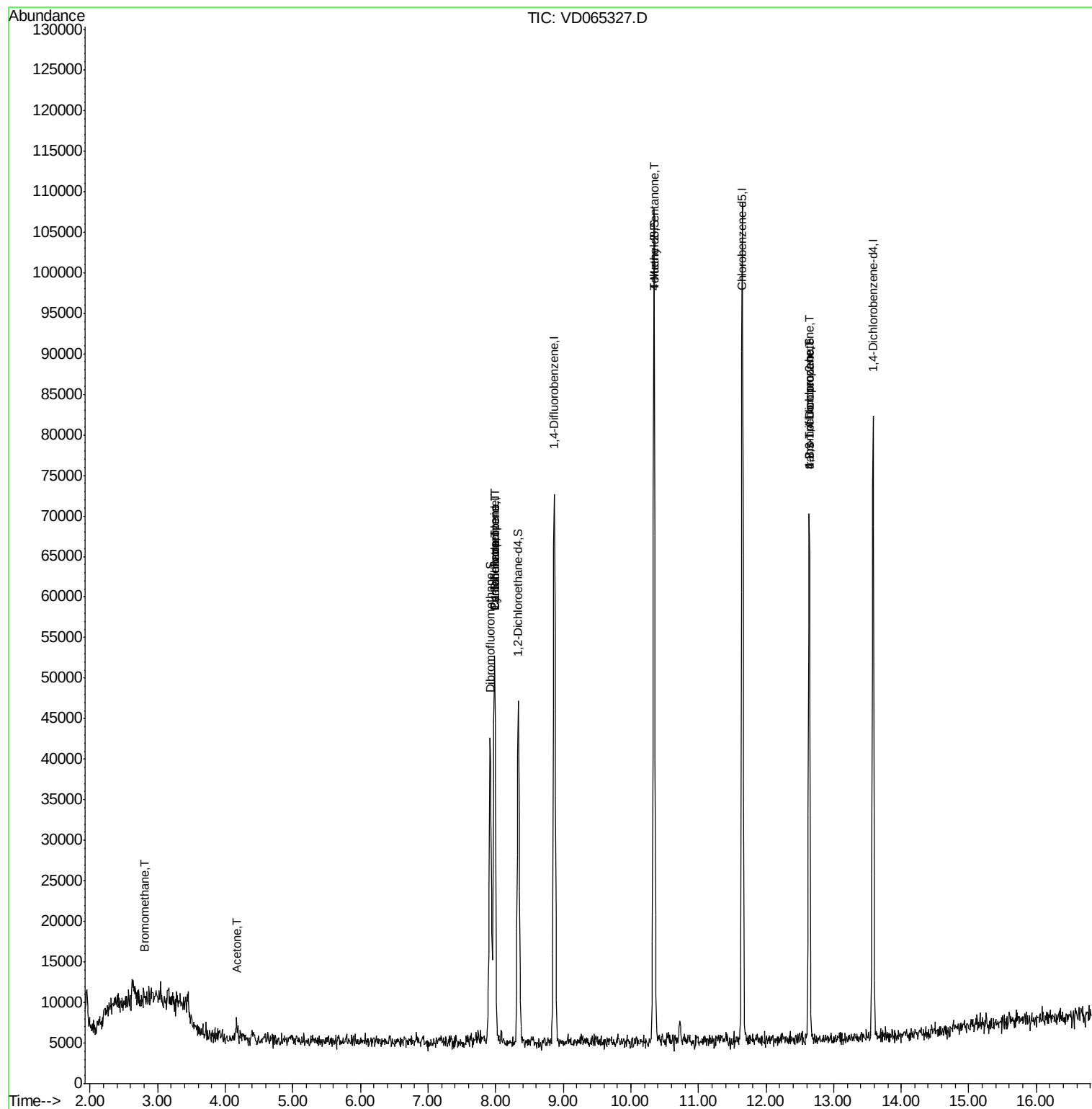
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	37915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	59282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	59885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	21613	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	33806	99.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	198.22%	
35) Dibromofluoromethane	7.92	113	26503	73.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.64%	
50) Toluene-d8	10.34	98	72992	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.64	95	20530	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.81	94	348	1.398	ug/l #	52
16) Acetone	4.16	43	2353	28.221	ug/l	93
20) Methylene Chloride	4.97	84	346	Below Cal	#	47
31) Cyclohexane	7.98	56	821	1.224	ug/l #	40
36) 1,1-Dichloropropene	7.99	75	3134	5.433	ug/l #	43
38) Carbon Tetrachloride	7.98	117	3626	6.175	ug/l #	12
51) 4-Methyl-2-Pentanone	10.34	43	226	1.015	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	9456	51.422	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	9456	111.029	ug/l #	11

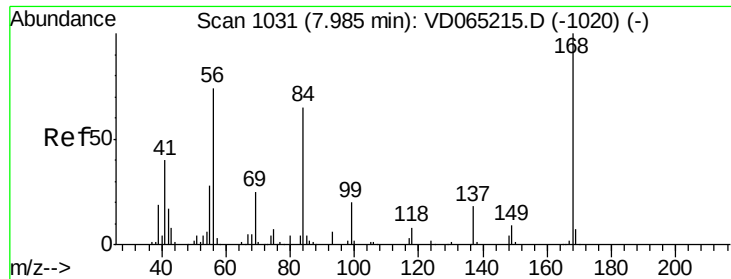
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022620\
Data File : VD065327.D
Acq On : 26 Feb 2020 14:49
Operator : VA/SY
Sample : L1688-03
Misc : 6.71G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 27 08:02:27 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: VD065327.D

Acq: 26 Feb 2020 14:49

Instrument :

MSVOA_D

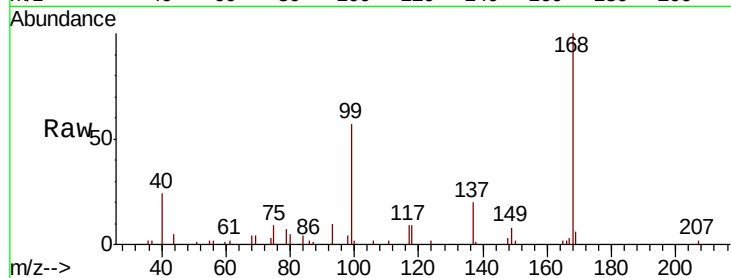
ClientSampleId :

Tot Ion:168 Resp: 37915

Ion Ratio Lower Upper

168 100

99 57.1 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

15000

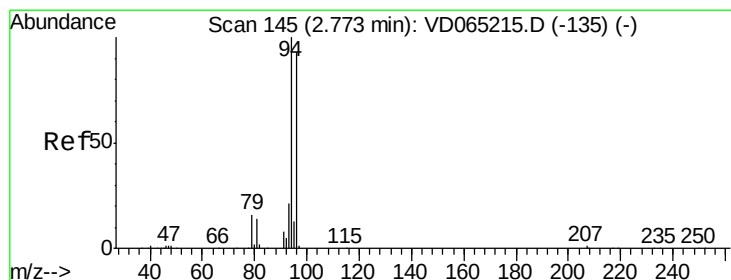
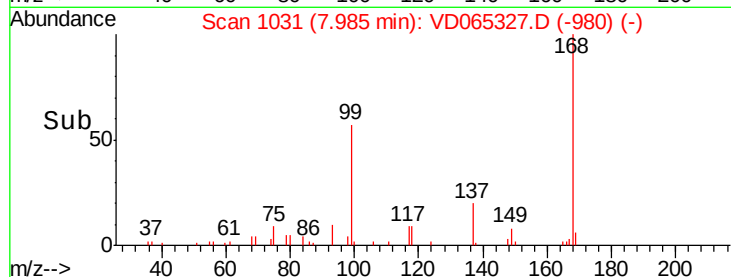
10000

5000

0

Time-->

7.90 7.95 8.00 8.05 8.10



#5

Bromomethane

Concen: 1.398 ug/l

RT: 2.81 min Scan# 151

Delta R.T. 0.04 min

Lab File: VD065327.D

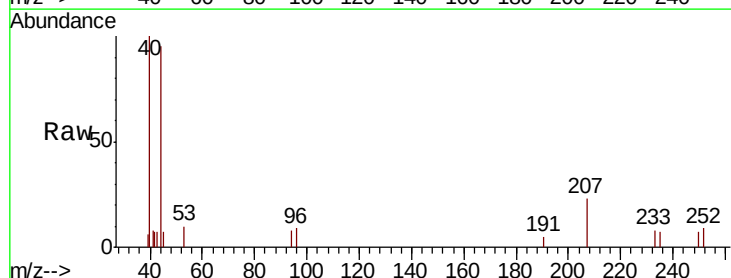
Acq: 26 Feb 2020 14:49

Tgt Ion: 94 Resp: 348

Ion Ratio Lower Upper

94 100

96 46.9 74.2 111.4#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

600

500

400

300

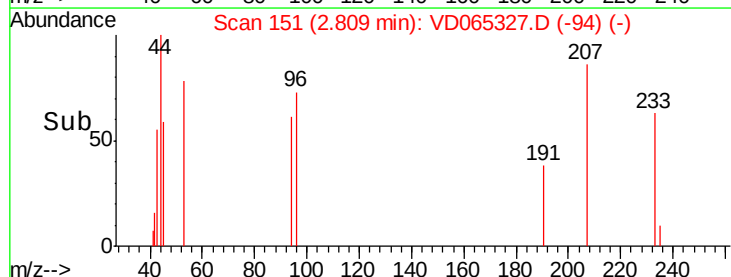
200

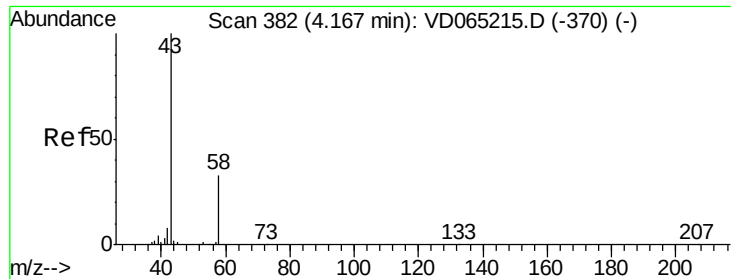
100

0

Time-->

2.76 2.78 2.80 2.82





#16

Acetone

Concen: 28.221 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065327.D

Acq: 26 Feb 2020 14:49

Instrument :

MSVOA_D

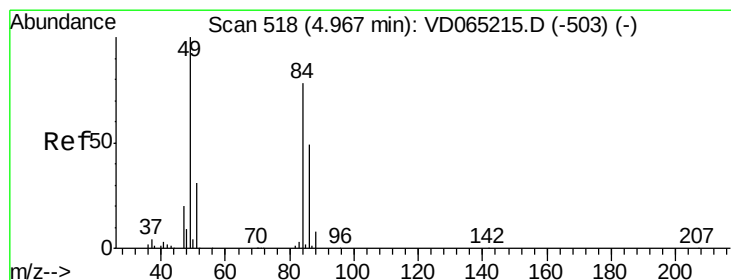
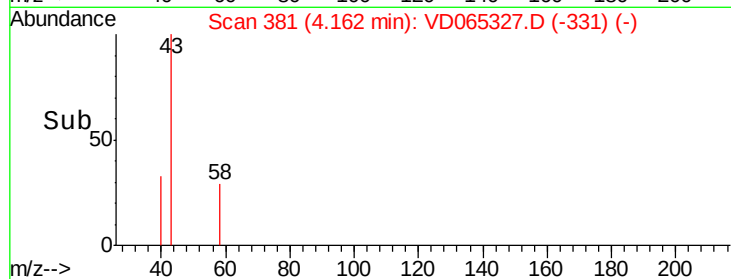
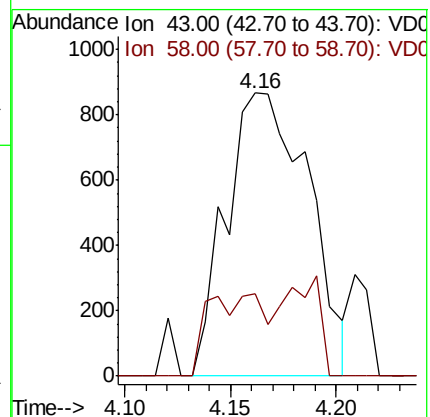
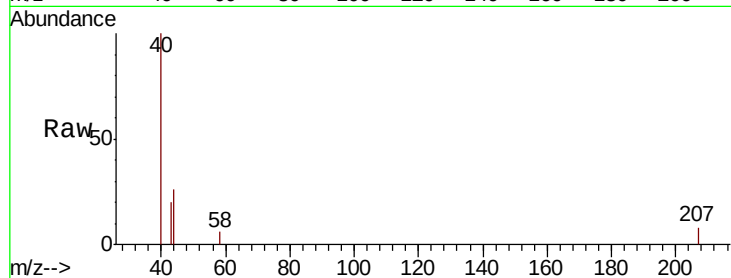
ClientSampleId :

Tot Ion: 43 Resp: 2353

Ion Ratio Lower Upper

43 100

58 29.0 26.2 39.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065327.D

Acq: 26 Feb 2020 14:49

Tgt Ion: 84 Resp: 346

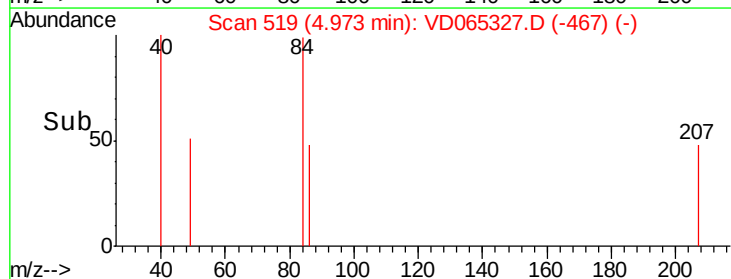
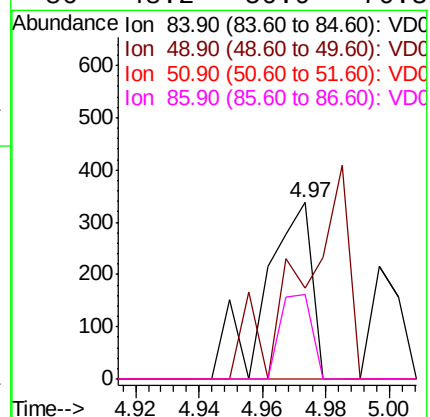
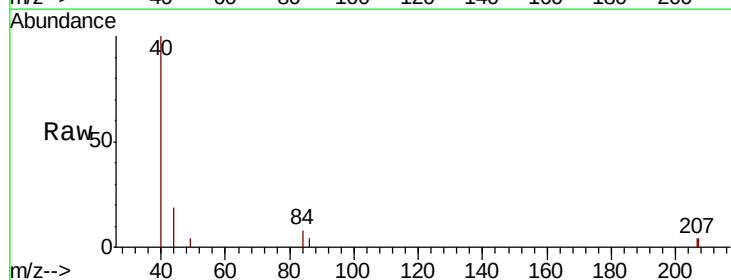
Ion Ratio Lower Upper

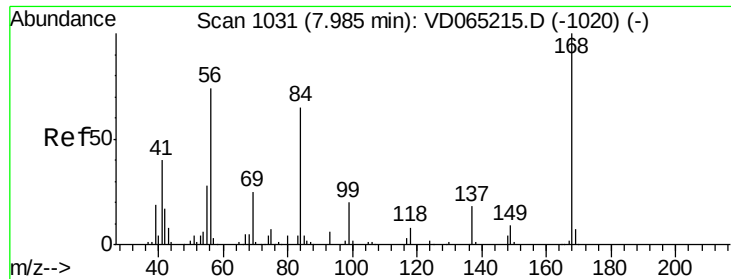
84 100

49 51.8 103.1 154.7#

51 0.0 31.7 47.5#

86 48.2 50.9 76.3#

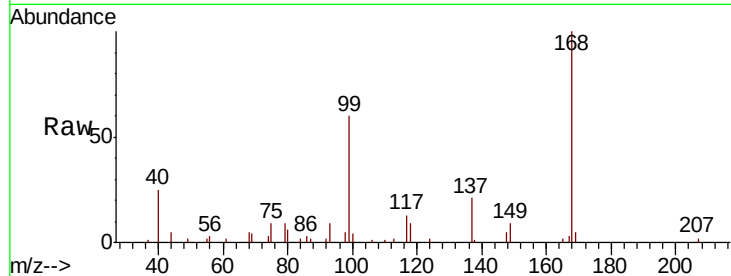




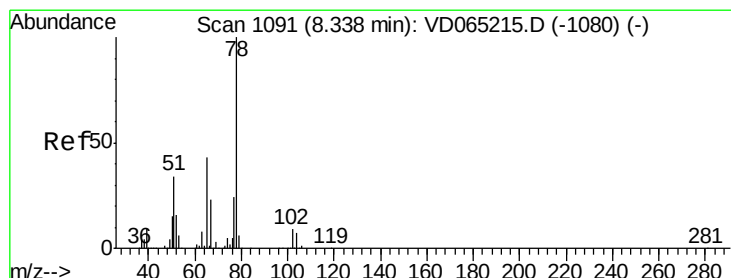
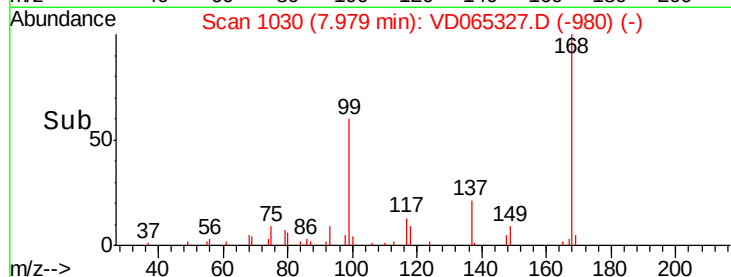
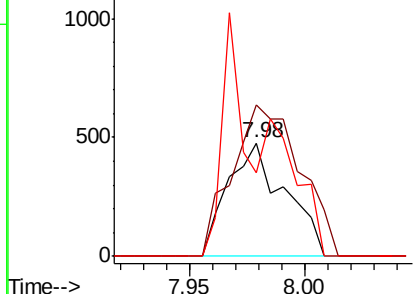
#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065327.D
Acq: 26 Feb 2020 14:49

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 821
Ion Ratio Lower Upper
56 100
69 133.5 27.4 41.0#
84 74.0 71.1 106.7

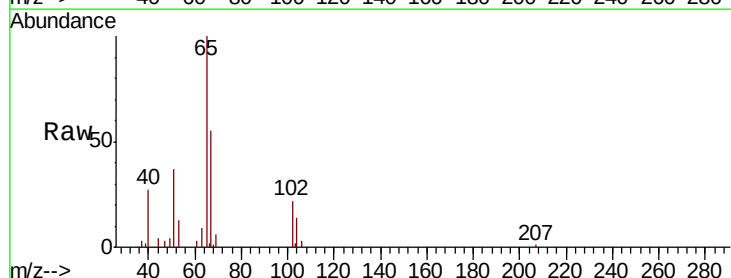


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

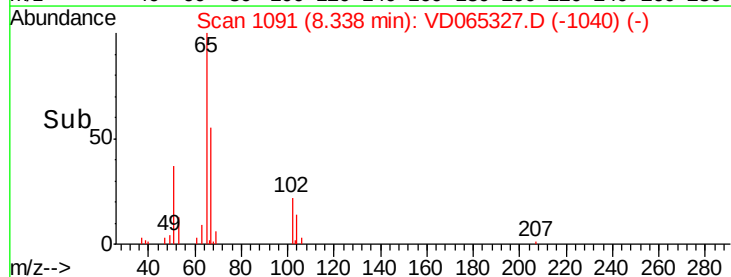
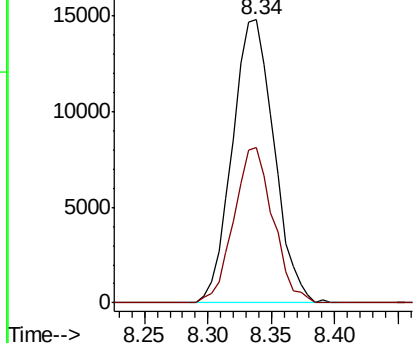


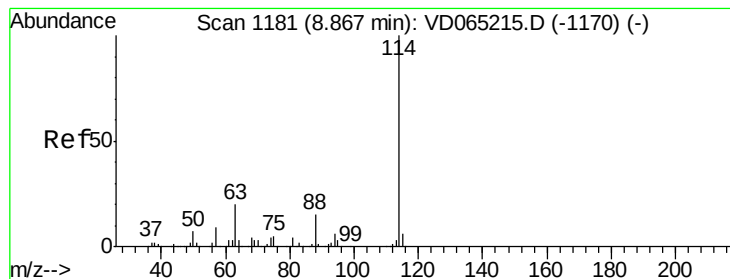
#33
1,2-Dichloroethane-d4
Concen: 99.112 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065327.D
Acq: 26 Feb 2020 14:49

Tgt Ion: 65 Resp: 33806
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.8



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# 1182

Delta R.T. 0.01 min

Lab File: VD065327.D

Acq: 26 Feb 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

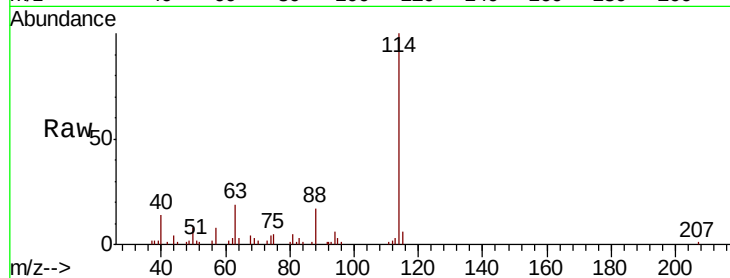
Tot Ion:114 Resp: 59282

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.4

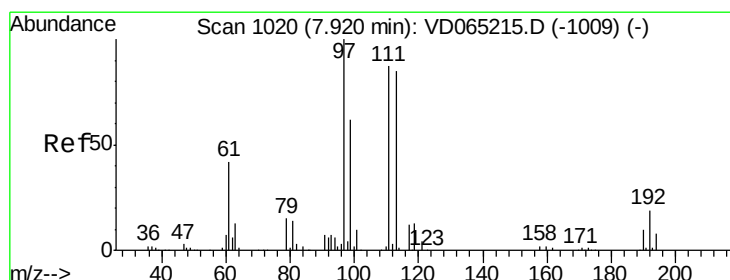
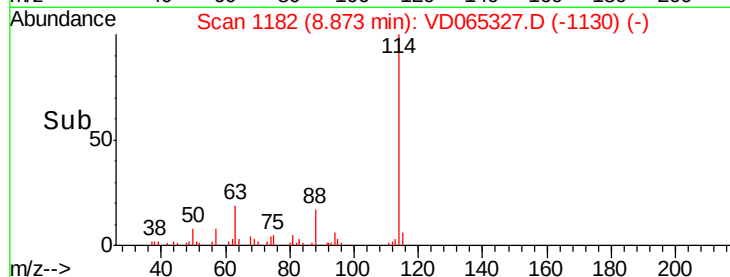
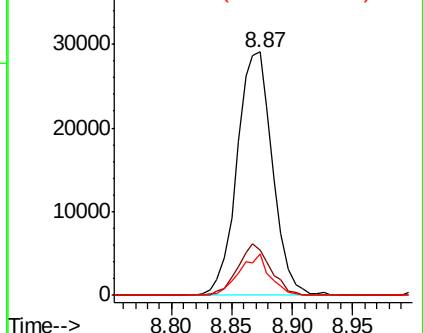
88 17.1 0.0 30.4



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: 73.321 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065327.D

Acq: 26 Feb 2020 14:49

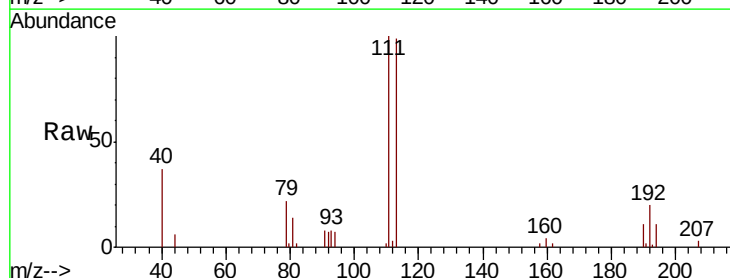
Tgt Ion:113 Resp: 26503

Ion Ratio Lower Upper

113 100

111 105.7 82.9 124.3

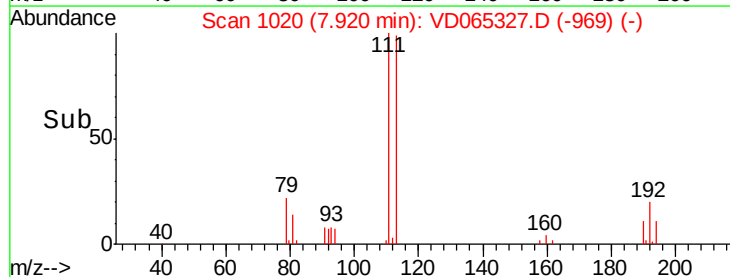
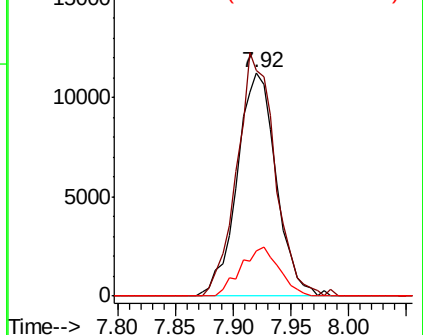
192 21.5 17.3 25.9

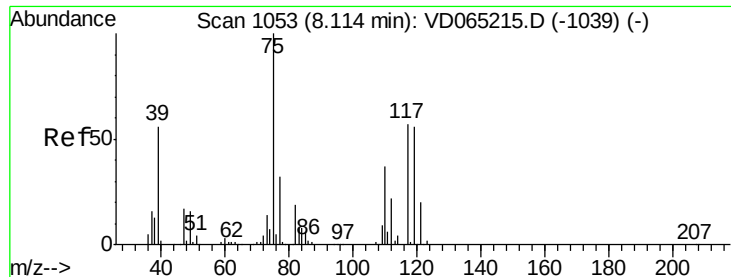


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

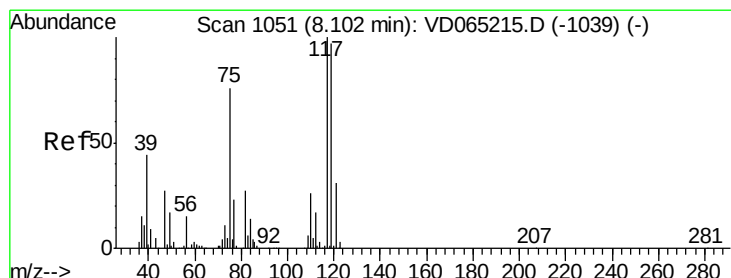
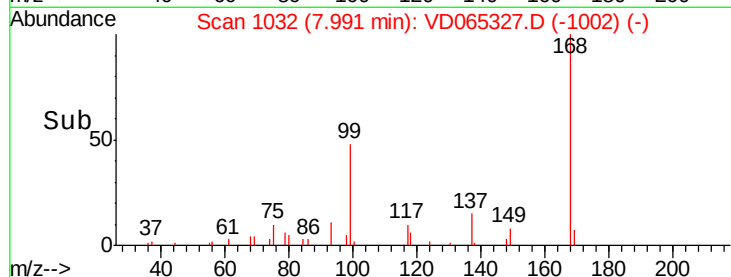
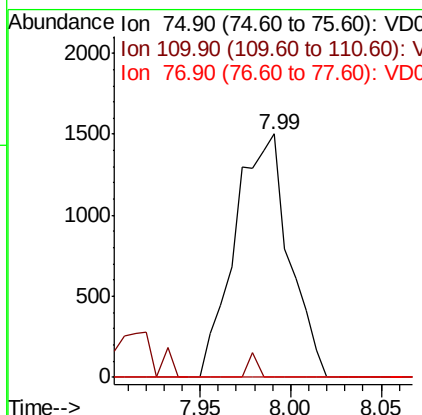
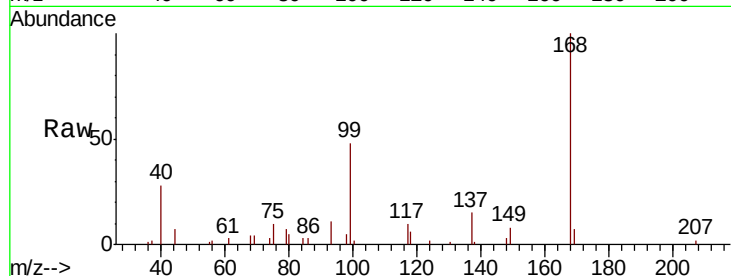




#36
 1,1-Dichloropropene
 Concen: 5.433 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. -0.12 min
 Lab File: VD065327.D
 Acq: 26 Feb 2020 14:49

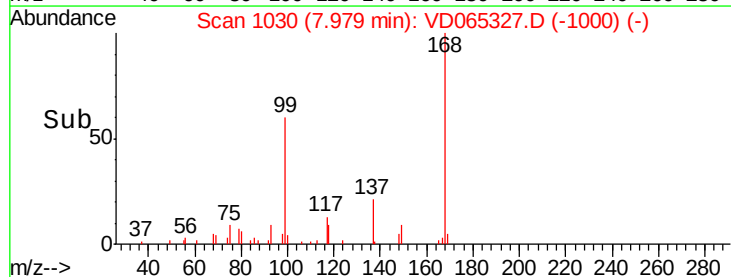
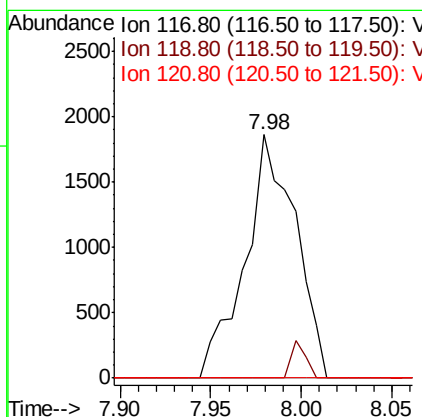
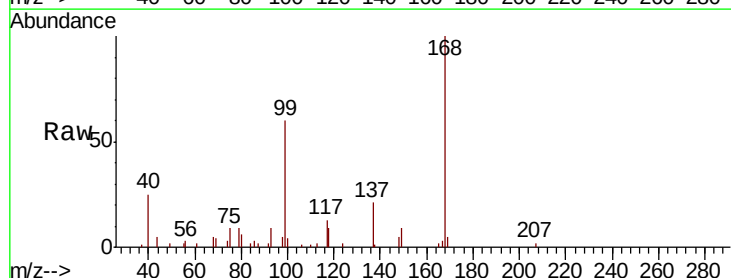
Instrument :
 MSVOA_D
 ClientSampled :

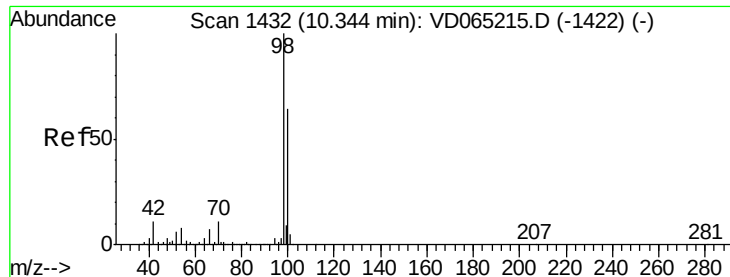
Tot Ion: 75 Resp: 3134
 Ion Ratio Lower Upper
 75 100
 110 1.8 17.9 53.7#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.175 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD065327.D
 Acq: 26 Feb 2020 14:49

Tgt Ion: 117 Resp: 3626
 Ion Ratio Lower Upper
 117 100
 119 0.0 77.6 116.4#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.822 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065327.D

Acq: 26 Feb 2020 14:49

Instrument :

MSVOA_D

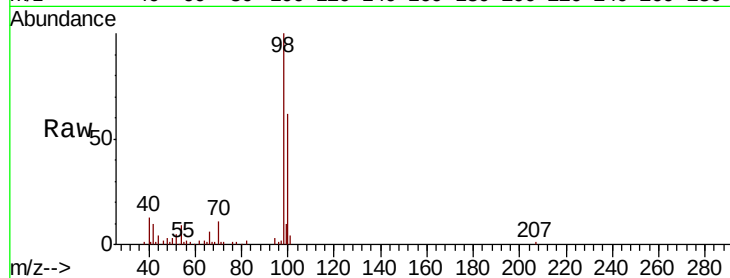
ClientSampleId :

Tot Ion: 98 Resp: 72992

Ion Ratio Lower Upper

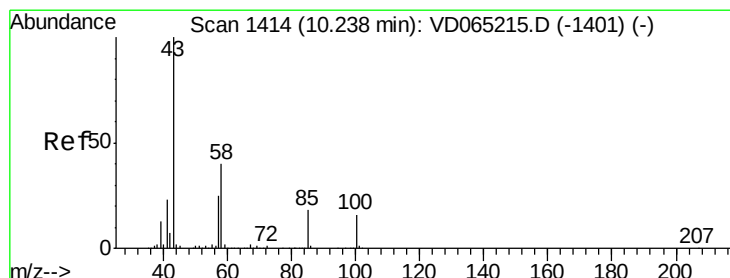
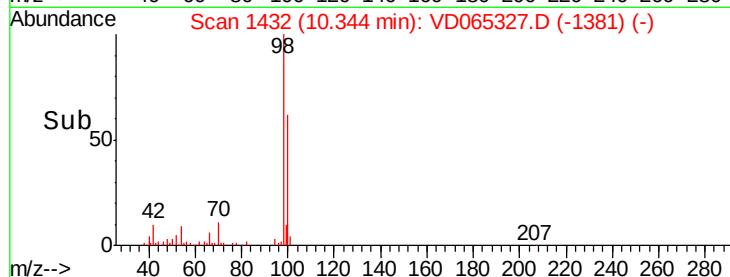
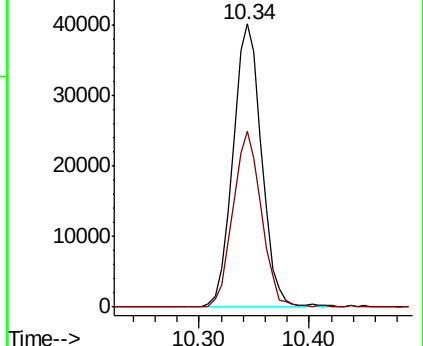
98 100

100 61.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#51

4-Methyl-2-Pentanone

Concen: 1.015 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD065327.D

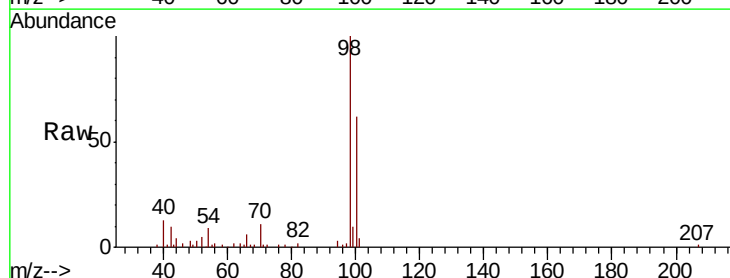
Acq: 26 Feb 2020 14:49

Tgt Ion: 43 Resp: 226

Ion Ratio Lower Upper

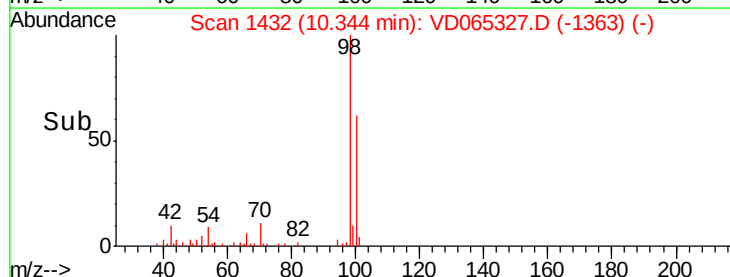
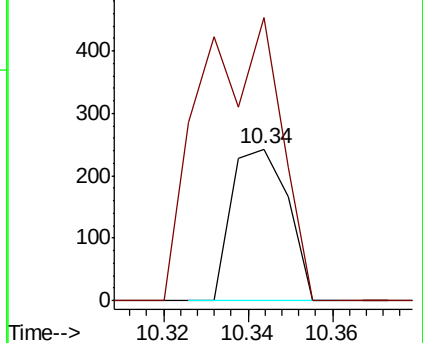
43 100

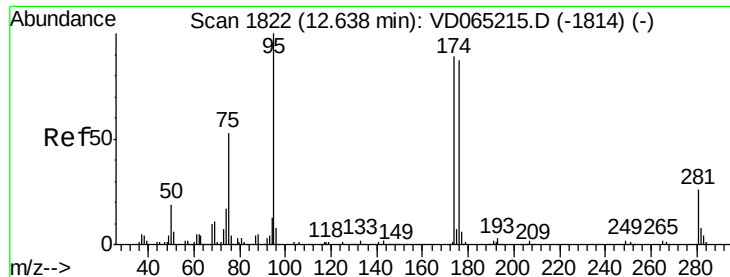
58 263.7 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

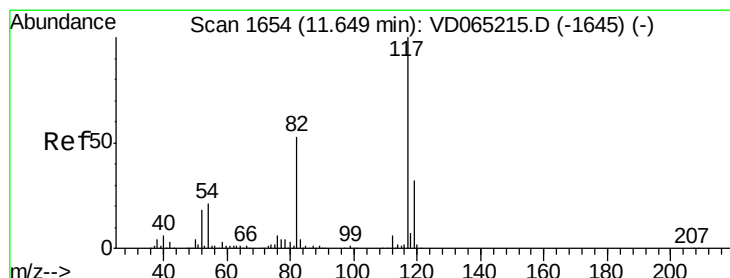
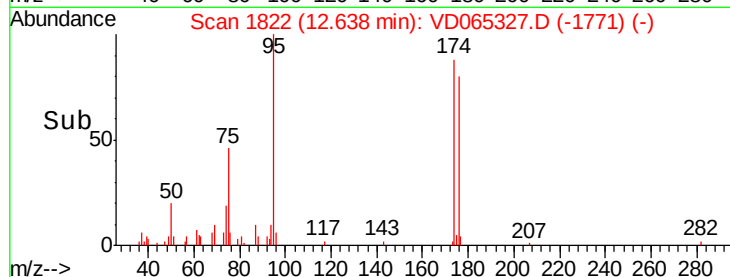
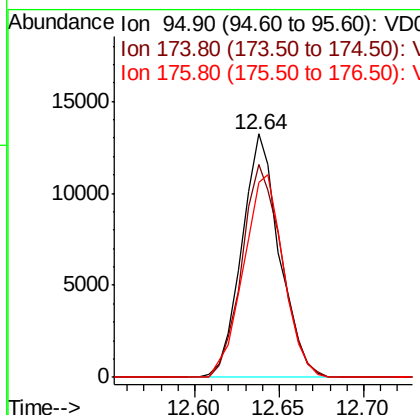
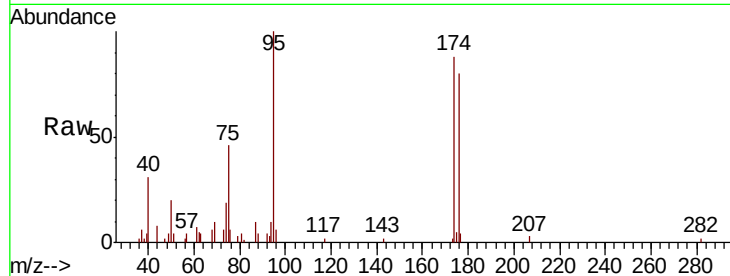




#62
4-Bromofluorobenzene
Concen: 46.898 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065327.D
Acq: 26 Feb 2020 14:49

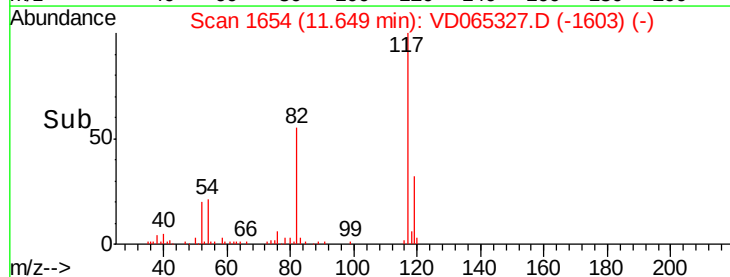
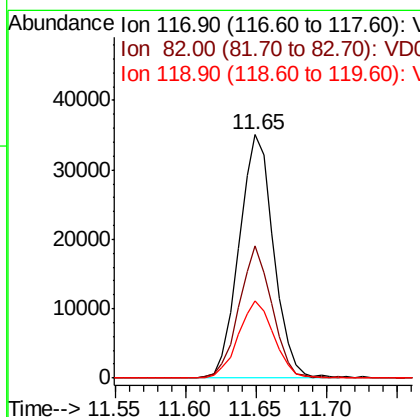
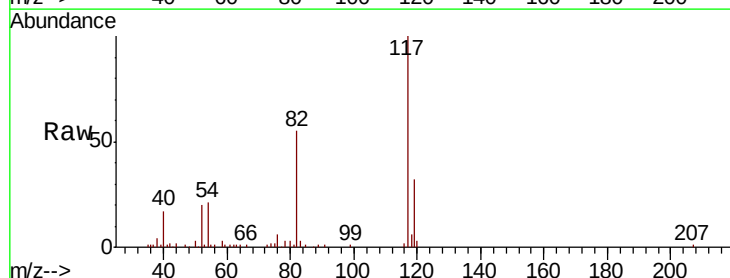
Instrument :
MSVOA_D
ClientSampleId :

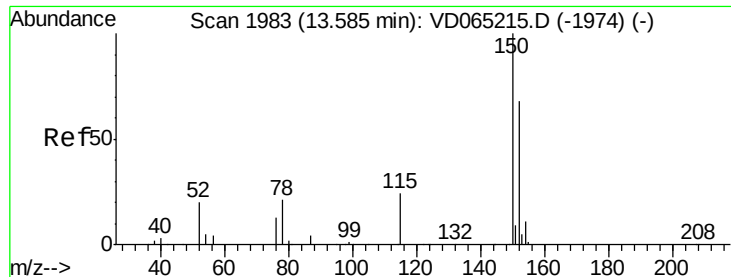
Tot Ion: 95 Resp: 20530
Ion Ratio Lower Upper
95 100
174 92.4 0.0 178.0
176 88.5 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065327.D
Acq: 26 Feb 2020 14:49

Tgt Ion: 117 Resp: 59885
Ion Ratio Lower Upper
117 100
82 54.6 42.7 64.1
119 31.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065327.D

Acq: 26 Feb 2020 14:49

Instrument :

MSVOA_D

ClientSampled :

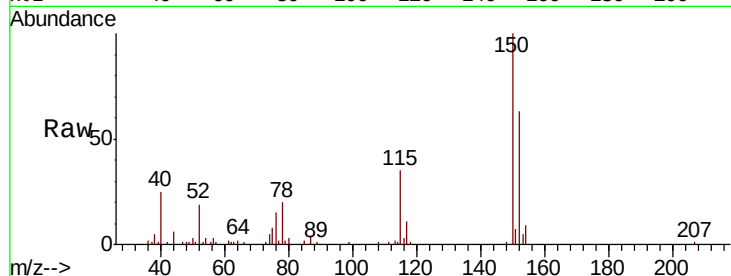
Tot Ion:152 Resp: 21613

Ion Ratio Lower Upper

152 100

115 53.9 27.6 82.8

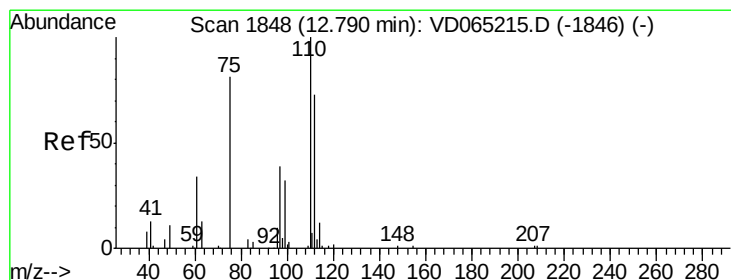
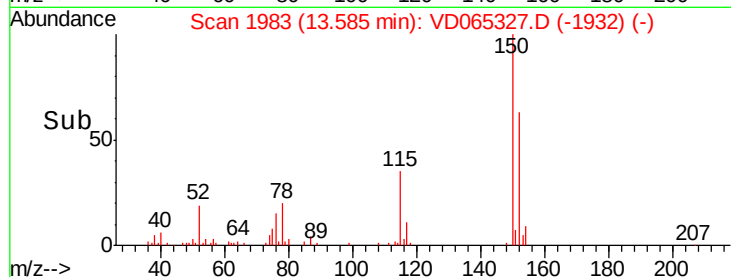
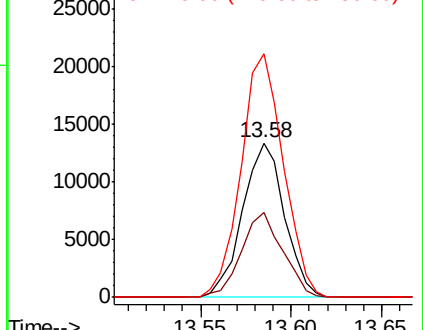
150 158.9 0.0 347.4



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: 51.422 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065327.D

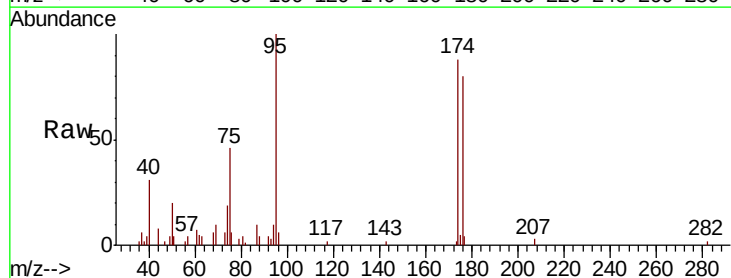
Acq: 26 Feb 2020 14:49

Tgt Ion: 75 Resp: 9456

Ion Ratio Lower Upper

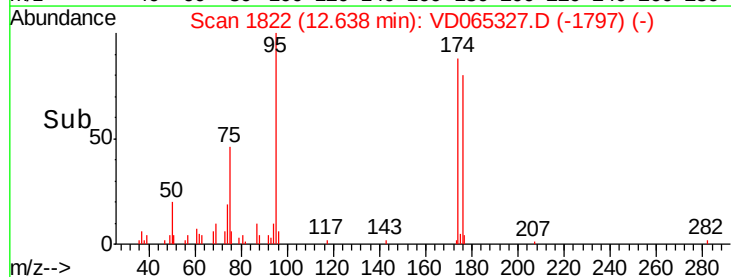
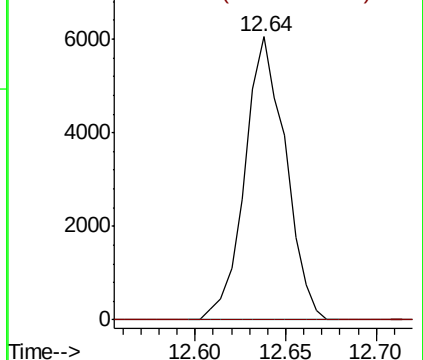
75 100

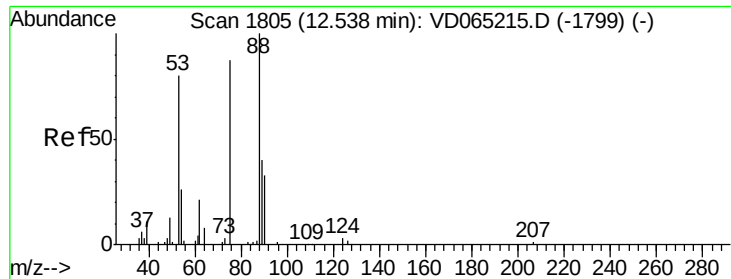
77 0.0 0.0 0.0



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: 111.029 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065327.D

Acq: 26 Feb 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 9456

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 37.2 55.8#

