

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030220\
 Data File : VD065370.D
 Acq On : 02 Mar 2020 10:44
 Operator : VA/SY
 Sample : VD0302SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0302SBL01

Quant Time: Mar 02 11:55:17 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	596649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	975627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	867675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	395645	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	278838	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
35) Dibromofluoromethane	7.92	113	305647	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	10.34	98	1155539	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.64	95	348682	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

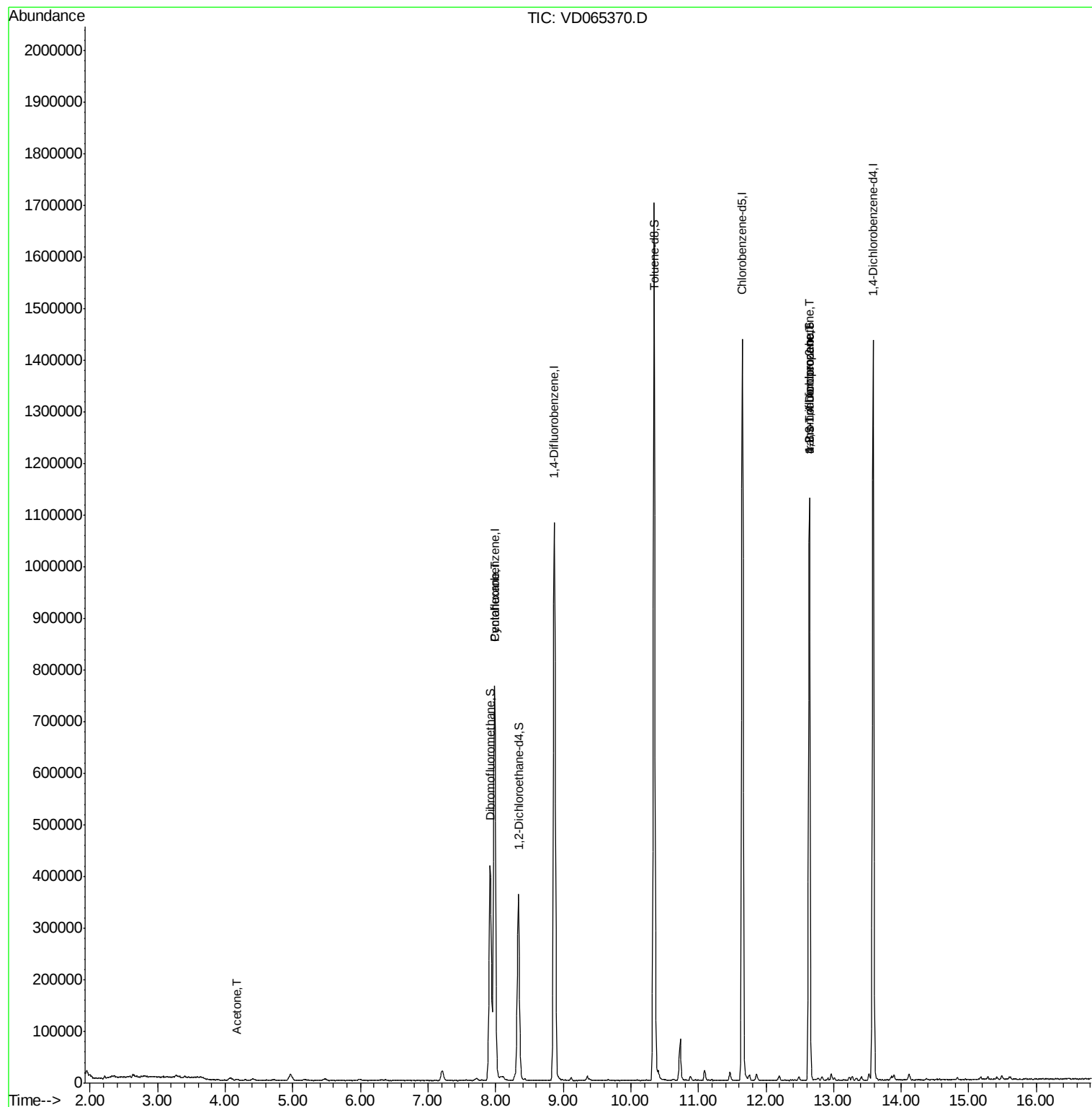
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.93	56	84	Below Cal	#	79
16) Acetone	4.17	43	3395	2.59	ug/l	# 65
20) Methylene Chloride	4.97	84	9563	Below Cal	#	84
31) Cyclohexane	7.98	56	14219	1.35	ug/l	# 11
76) 1,2,3-Trichloropropane	12.64	75	168115	49.94	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.64	75	168115	107.83	ug/l	# 11

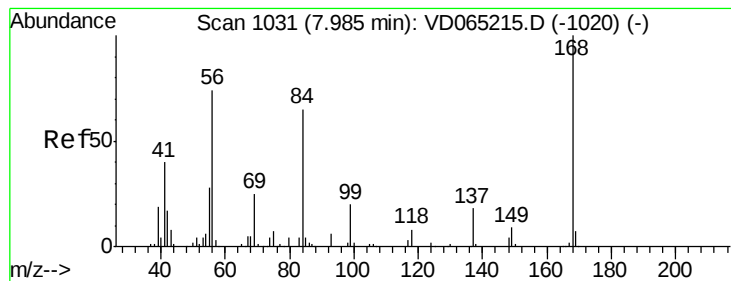
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD030220\
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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
VD0302SBL01

Quant Time: Mar 02 11:55:17 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: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065370.D

Acq: 02 Mar 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

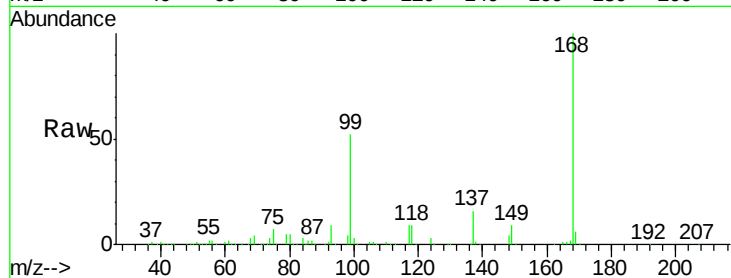
VD0302SBL01

Tgt Ion: 168 Resp: 596649

Ion Ratio Lower Upper

168 100

99 52.1 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

250000

200000

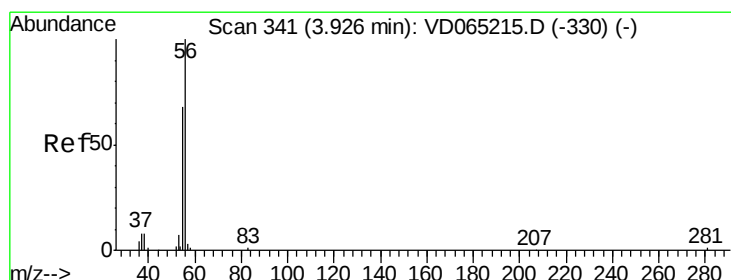
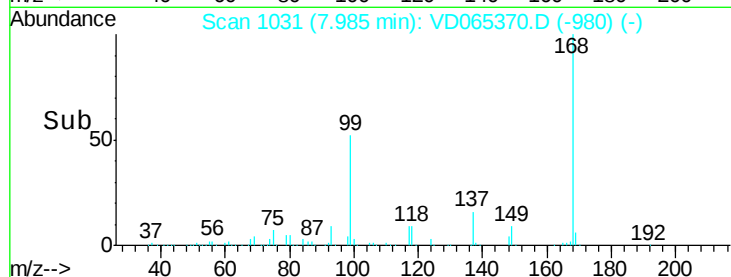
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: Below Cal

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD065370.D

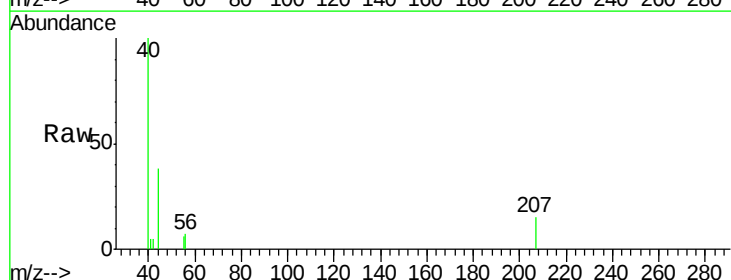
Acq: 02 Mar 2020 10:44

Tgt Ion: 56 Resp: 84

Ion Ratio Lower Upper

56 100

55 88.1 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

250

200

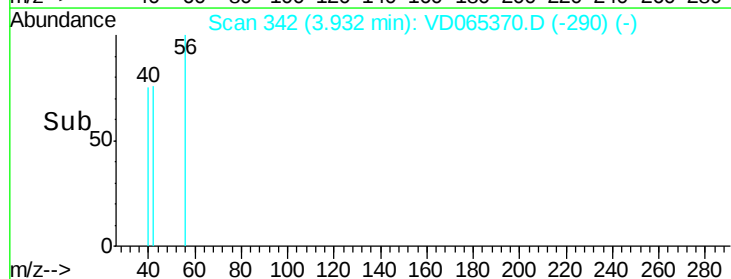
150

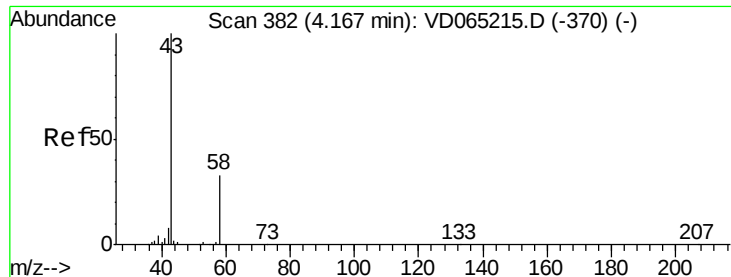
100

50

0

Time-->





#16

Acetone

Concen: 2.59 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065370.D

Acq: 02 Mar 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

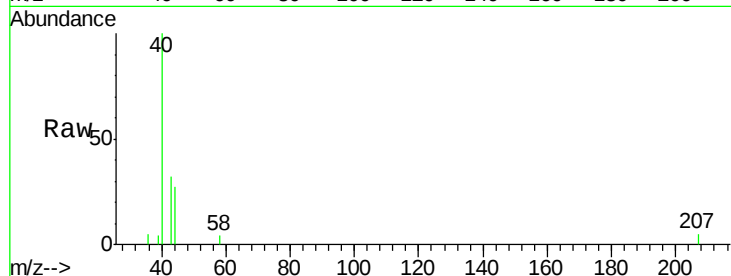
VD0302SBL01

Tgt Ion: 43 Resp: 3395

Ion Ratio Lower Upper

43 100

58 13.0 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

1500

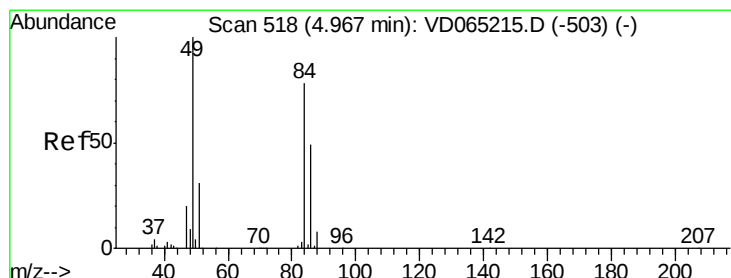
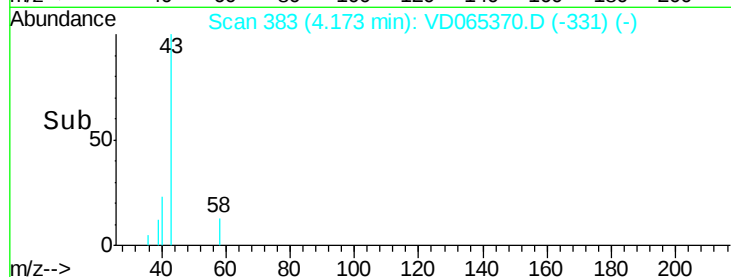
1000

500

0

4.05 4.10 4.15 4.20 4.25

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065370.D

Acq: 02 Mar 2020 10:44

Tgt Ion: 84 Resp: 9563

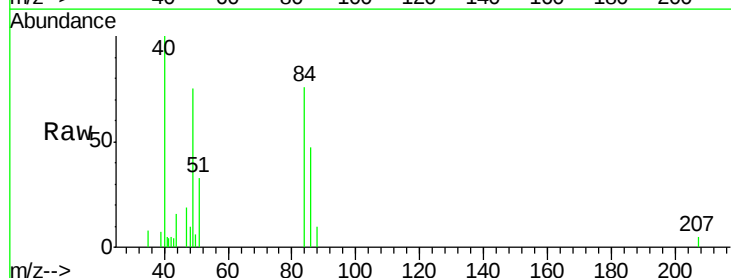
Ion Ratio Lower Upper

84 100

49 99.3 103.1 154.7#

51 43.5 31.7 47.5

86 62.4 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

5000

4000

3000

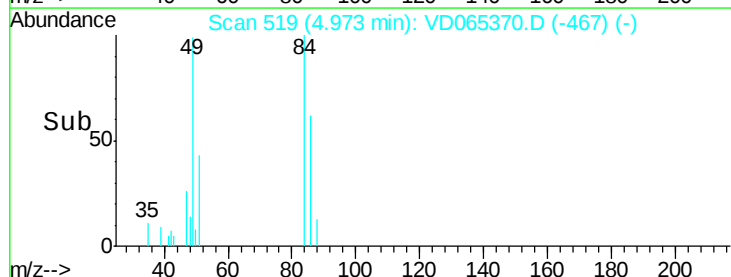
2000

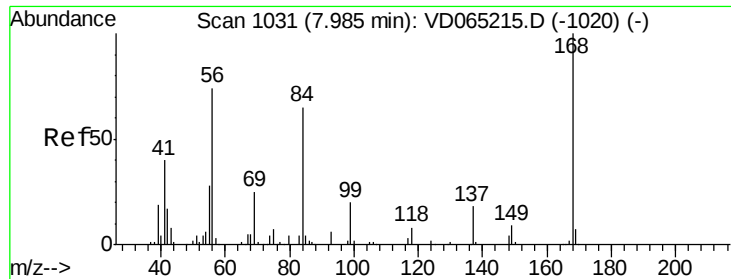
1000

0

4.85 4.90 4.95 5.00 5.05

Time-->

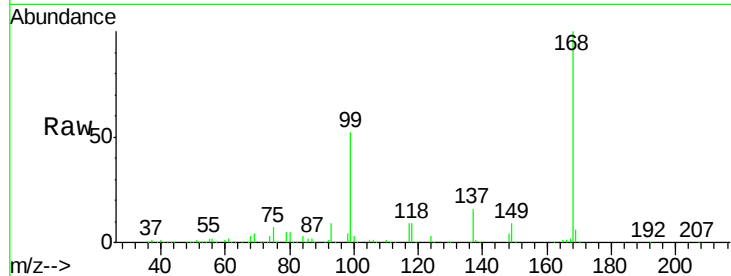




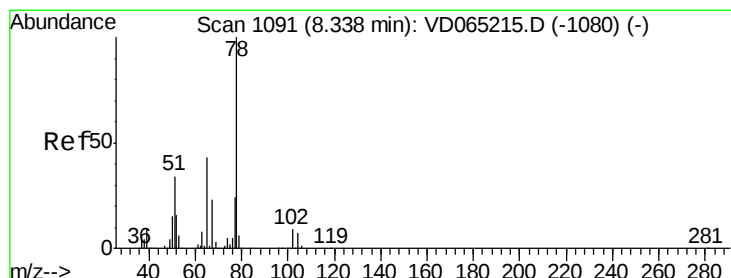
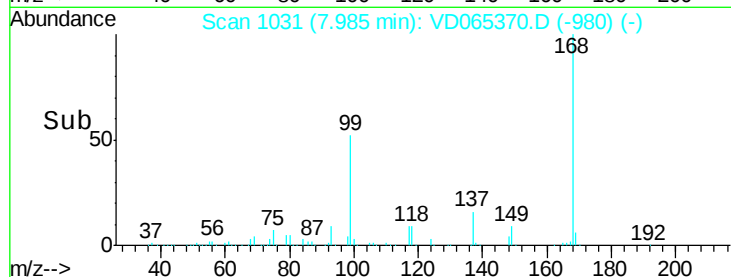
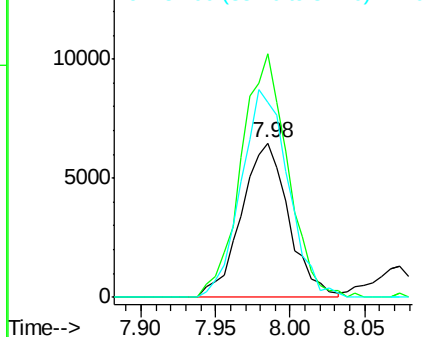
#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065370.D
Acq: 02 Mar 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VD0302SBL01

Tgt Ion: 56 Resp: 14219
Ion Ratio Lower Upper
56 100
69 157.8 27.4 41.0#
84 126.3 71.1 106.7#

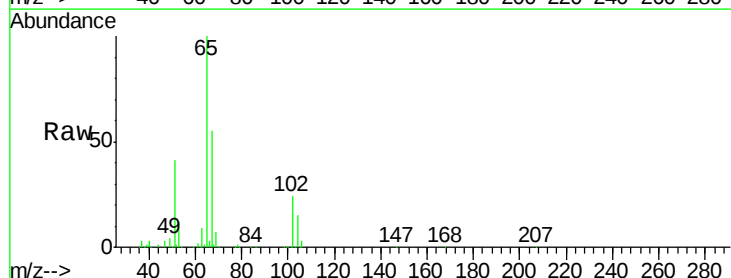


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

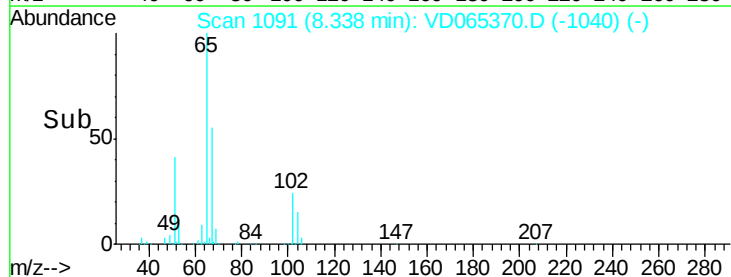
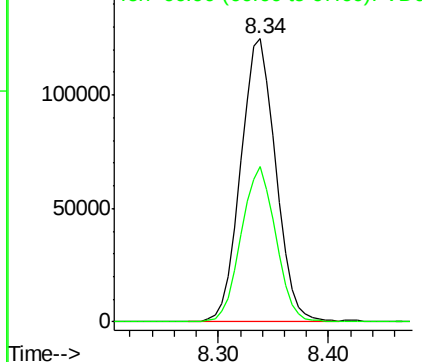


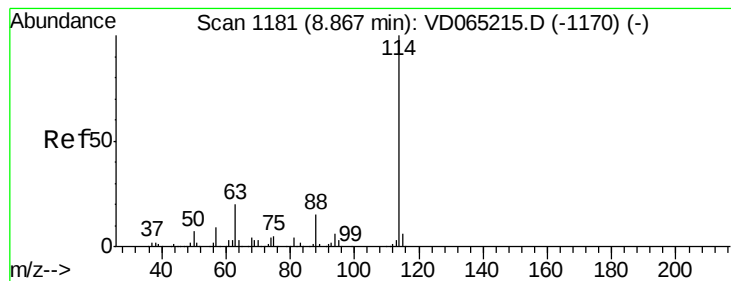
#33
1,2-Dichloroethane-d4
Concen: 51.95 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065370.D
Acq: 02 Mar 2020 10:44

Tgt Ion: 65 Resp: 278838
Ion Ratio Lower Upper
65 100
67 54.2 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: 50.00 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065370.D

Acq: 02 Mar 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VD0302SBL01

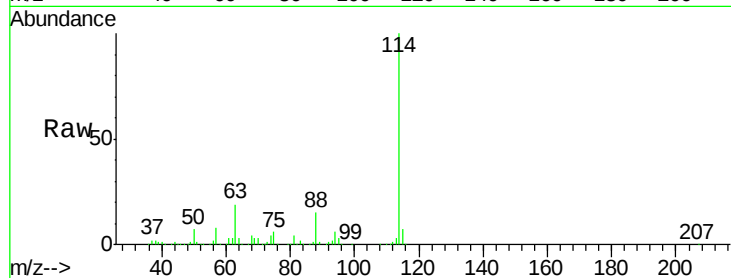
Tgt Ion:114 Resp: 975627

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.4

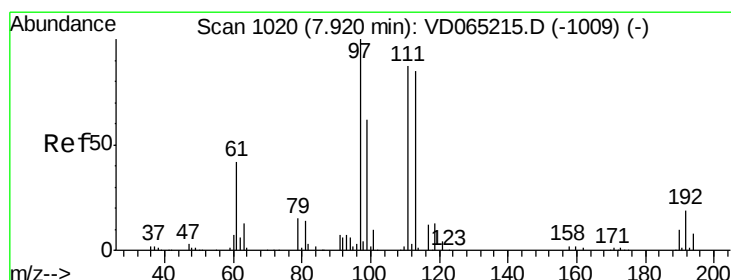
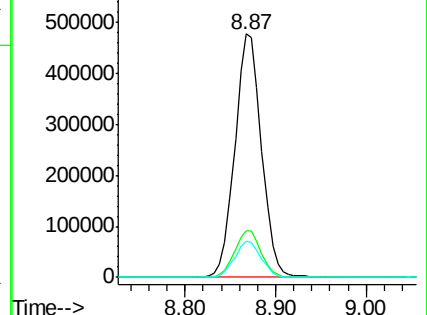
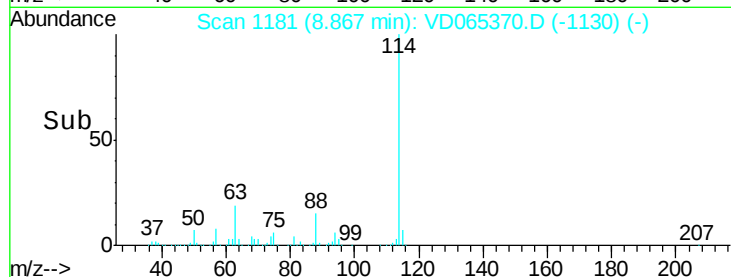
88 15.0 0.0 30.4



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: 51.38 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065370.D

Acq: 02 Mar 2020 10:44

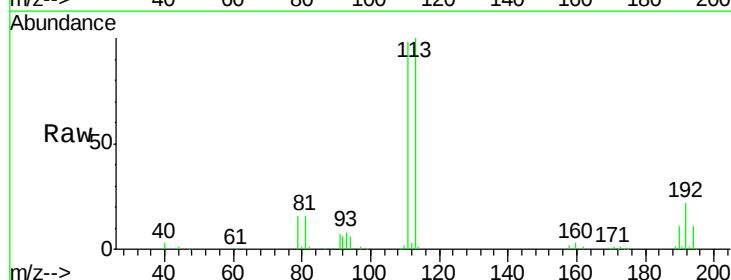
Tgt Ion:113 Resp: 305647

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

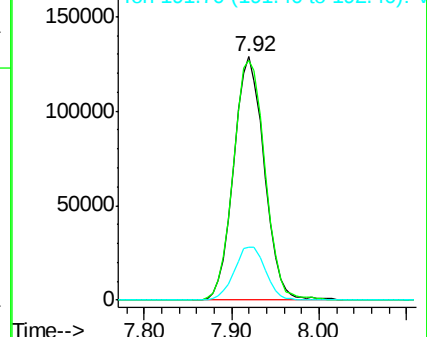
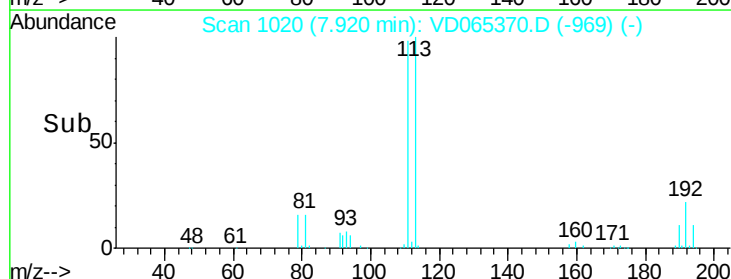
192 22.4 17.3 25.9

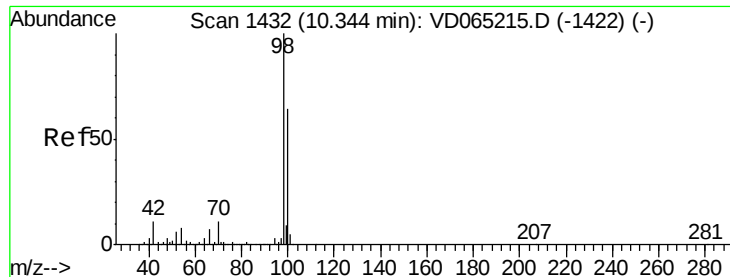


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.81 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065370.D

Acq: 02 Mar 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

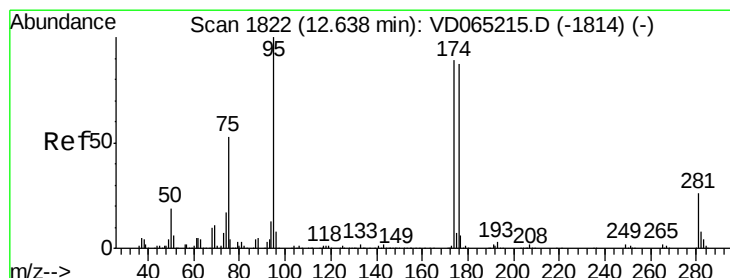
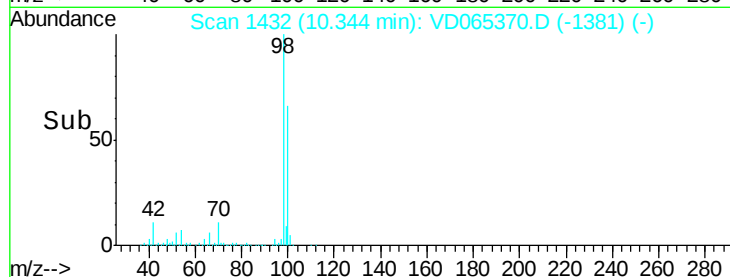
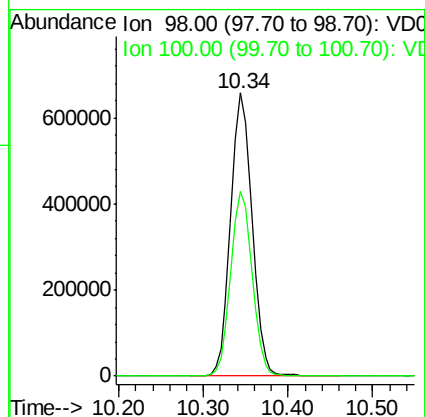
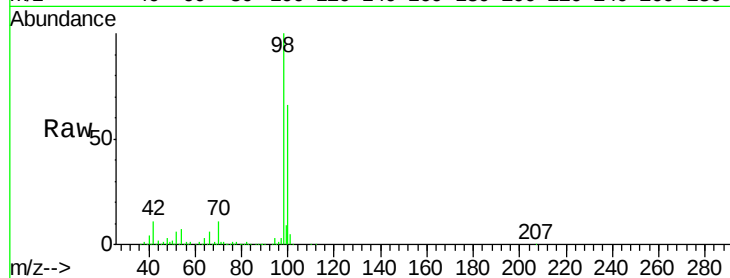
VD0302SBL01

Tgt Ion: 98 Resp: 115539

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.40 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065370.D

Acq: 02 Mar 2020 10:44

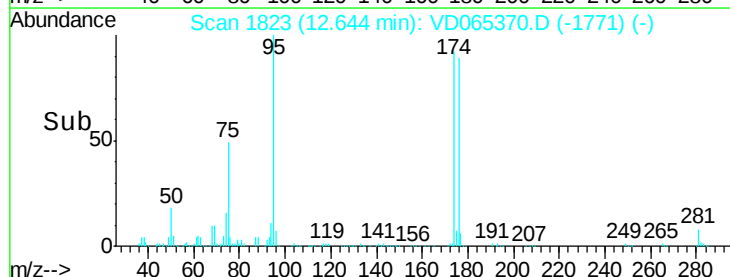
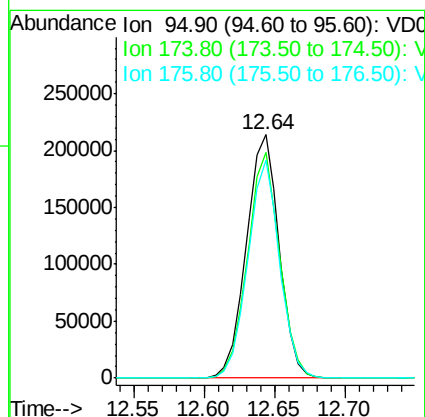
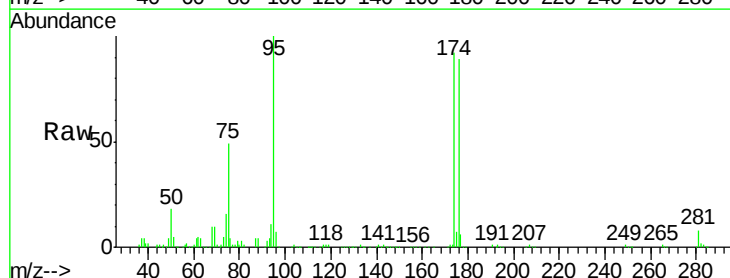
Tgt Ion: 95 Resp: 348682

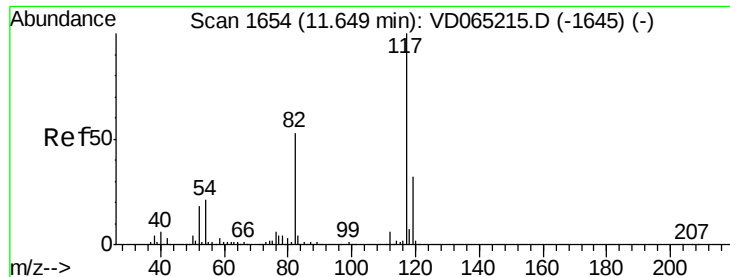
Ion Ratio Lower Upper

95 100

174 90.8 0.0 178.0

176 86.6 0.0 174.4

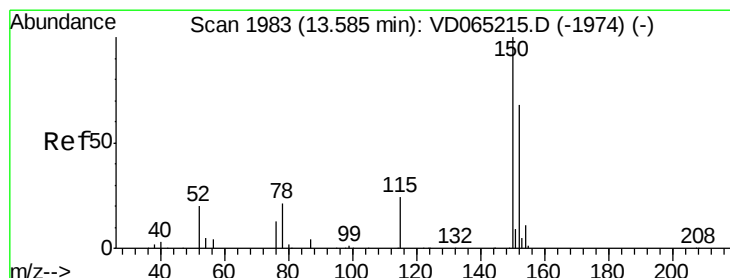
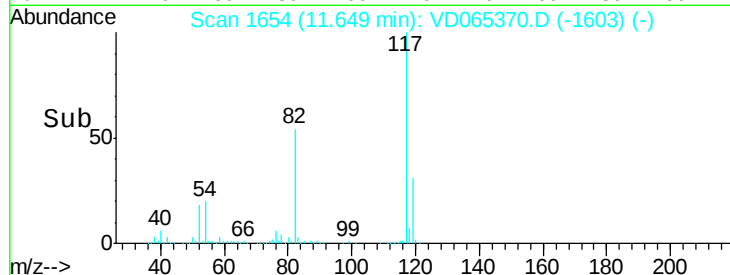
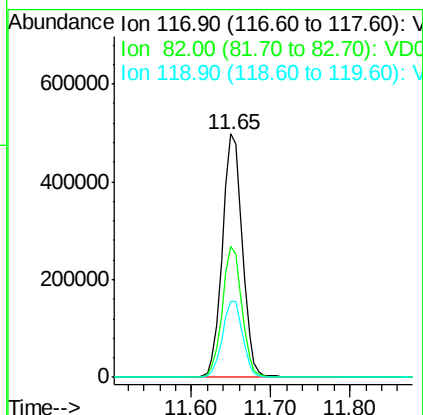
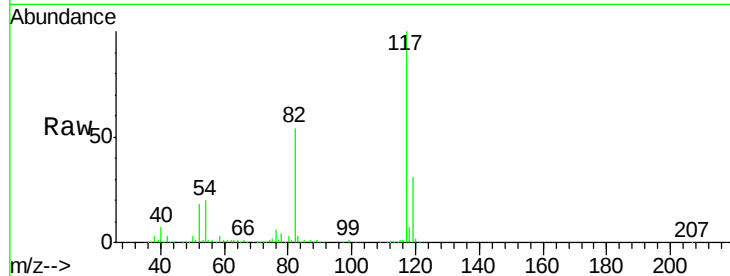




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065370.D
Acq: 02 Mar 2020 10:44

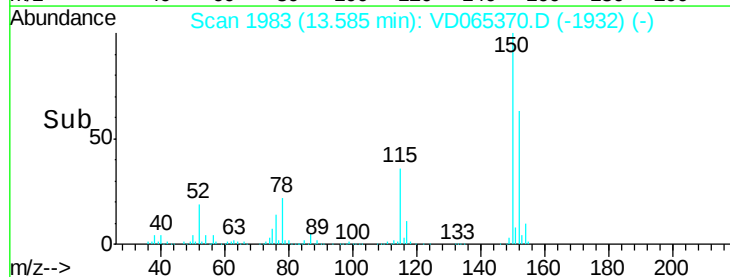
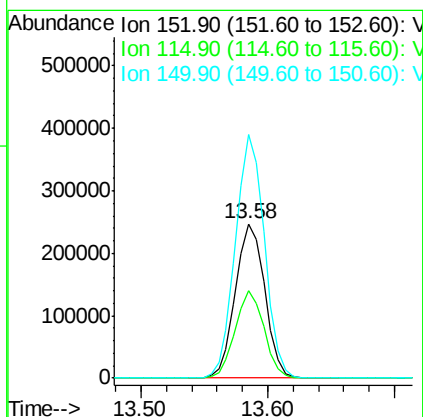
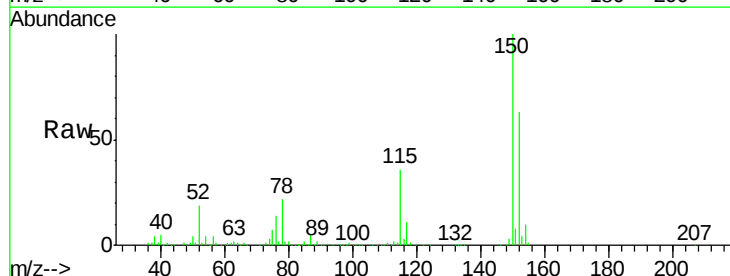
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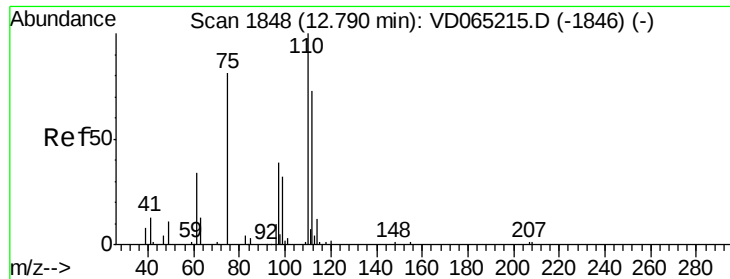
Tgt Ion:117 Resp: 867675
Ion Ratio Lower Upper
117 100
82 53.6 42.7 64.1
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065370.D
Acq: 02 Mar 2020 10:44

Tgt Ion:152 Resp: 395645
Ion Ratio Lower Upper
152 100
115 55.3 27.6 82.8
150 156.0 0.0 347.4

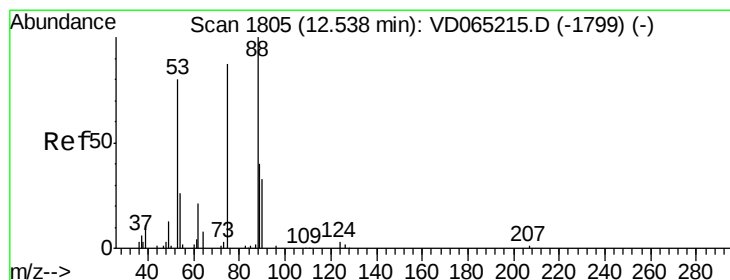
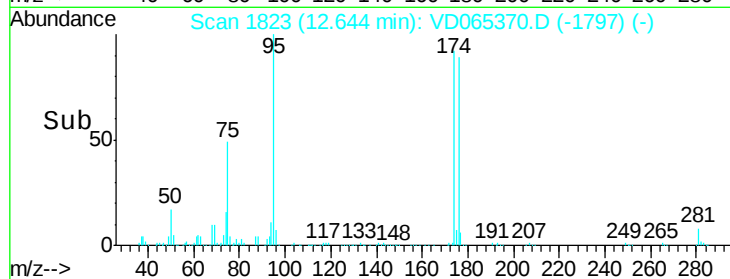
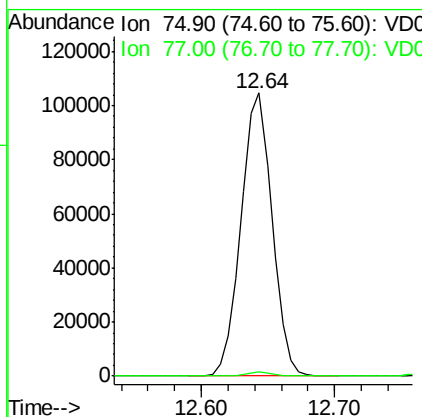
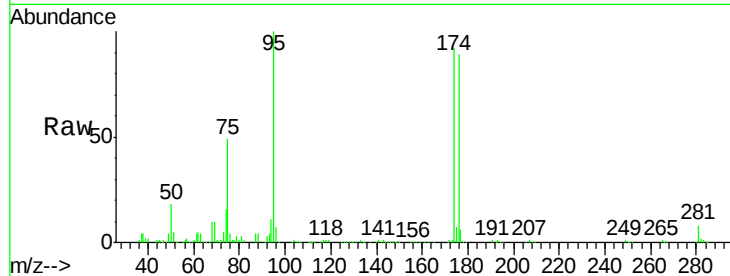




#76
 1,2,3-Trichloropropane
 Concen: 49.94 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. -0.15 min
 Lab File: VD065370.D
 Acq: 02 Mar 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0302SBL01

Tgt Ion: 75 Resp: 168115
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.83 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. 0.11 min
 Lab File: VD065370.D
 Acq: 02 Mar 2020 10:44

Tgt Ion: 75 Resp: 168115
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.6 116.4#
 89 0.1 37.2 55.8#

