

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065869.D
 Acq On : 23 Jun 2020 19:19
 Operator : VA/SY
 Sample : L3082-11
 Misc : 4.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12

Quant Time: Jun 24 04:45:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	119967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	210689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	192758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	80393	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	71530	60.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	120.68%	
35) Dibromofluoromethane	7.92	113	68665	51.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.20%	
50) Toluene-d8	10.34	98	232816	46.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.82%	
62) 4-Bromofluorobenzene	12.64	95	70053	41.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.24%	

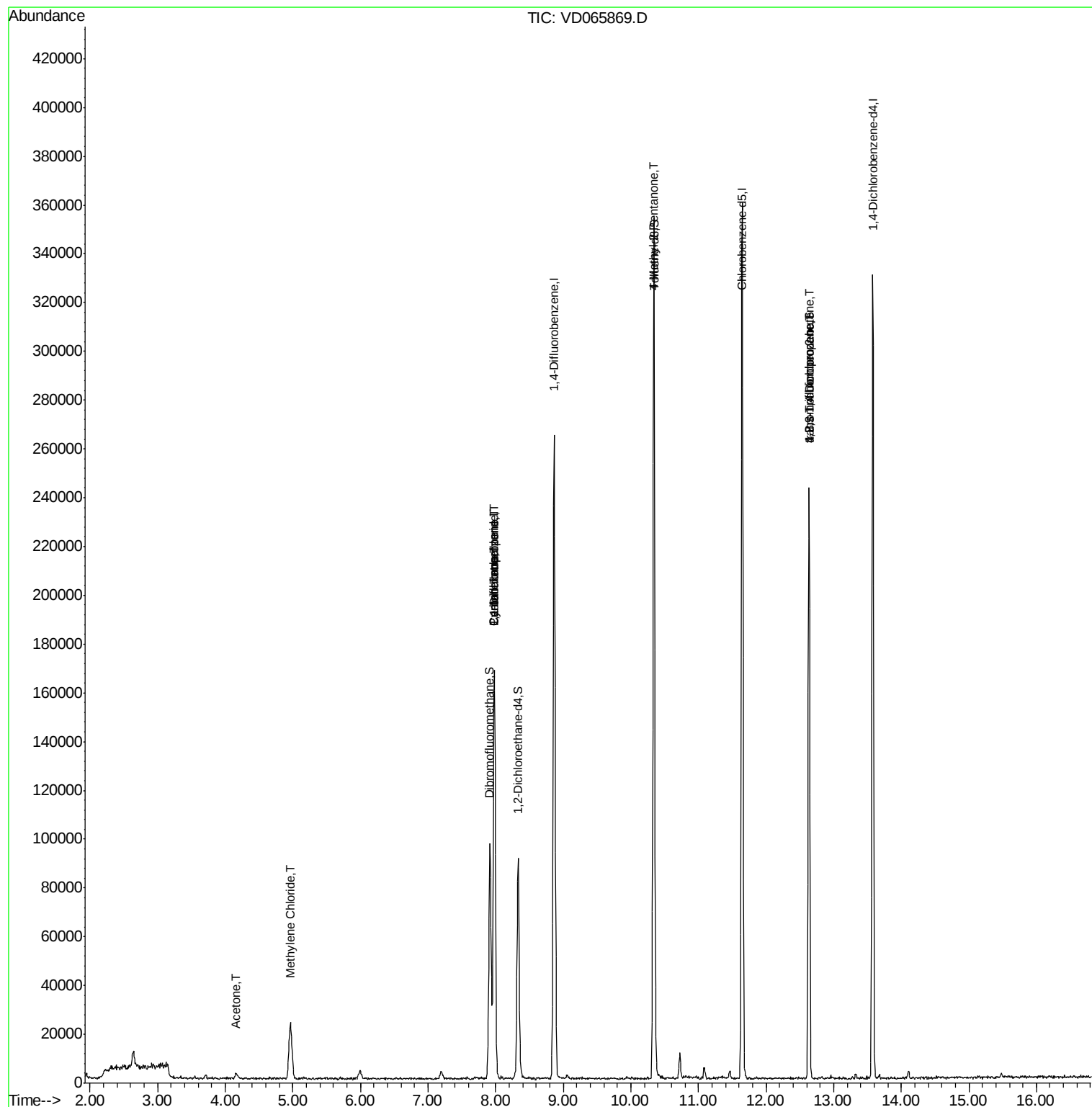
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	62	Below Cal	#	43
16) Acetone	4.16	43	4042	18.076	ug/l #	88
18) Methyl Acetate	4.52	43	54	Below Cal	#	52
20) Methylene Chloride	4.96	84	17027	10.855	ug/l	93
31) Cyclohexane	7.98	56	3239	1.524	ug/l #	34
36) 1,1-Dichloropropene	7.98	75	10427	5.166	ug/l #	51
38) Carbon Tetrachloride	7.98	117	11907	5.606	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	1161	1.499	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	39571	63.291	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	39571	136.747	ug/l #	9

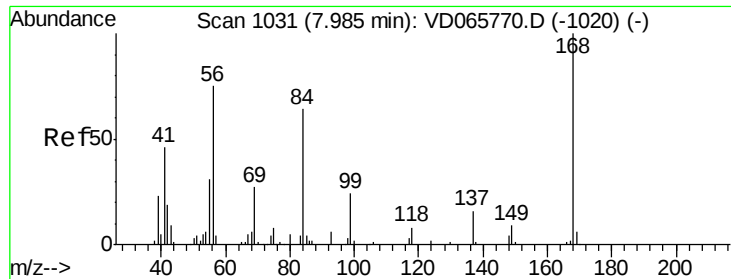
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062320\
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Quant Time: Jun 24 04:45:52 2020
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Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 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: VD065869.D

Acq: 23 Jun 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

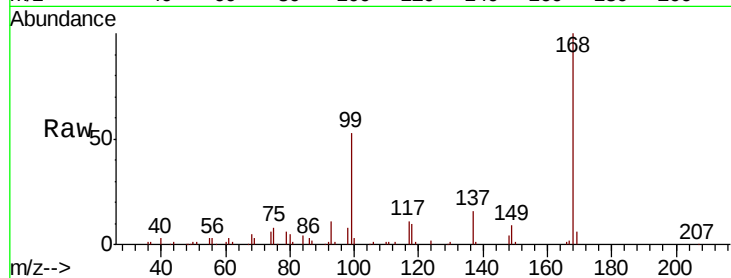
SB-12

Tot Ion:168 Resp: 119967

Ion Ratio Lower Upper

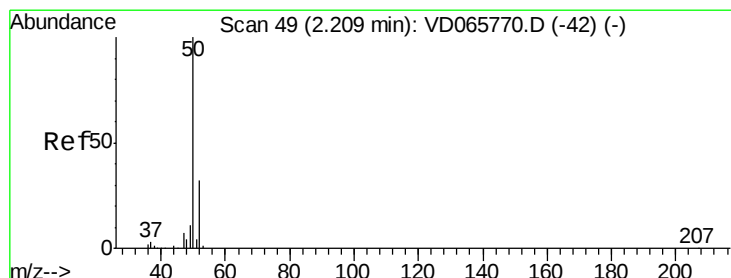
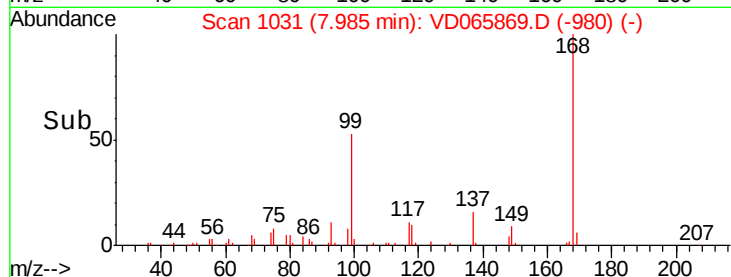
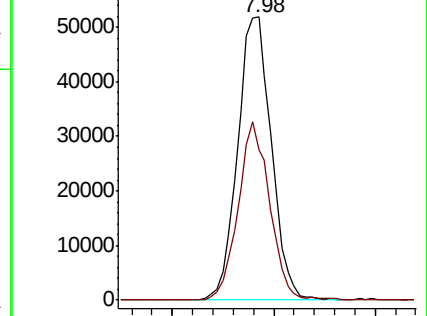
168 100

99 53.3 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065869.D

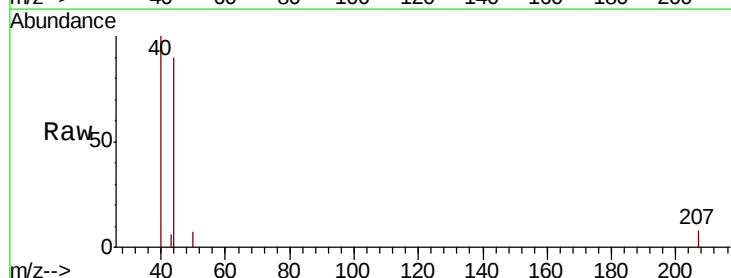
Acq: 23 Jun 2020 19:19

Tgt Ion: 50 Resp: 62

Ion Ratio Lower Upper

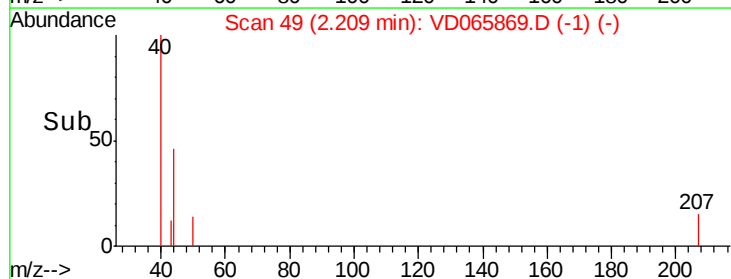
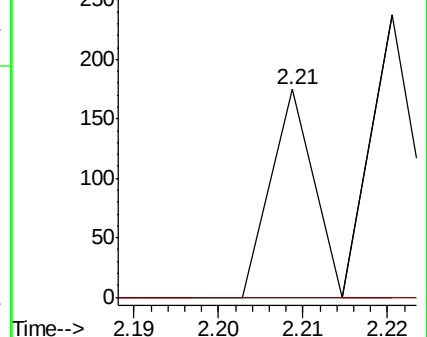
50 100

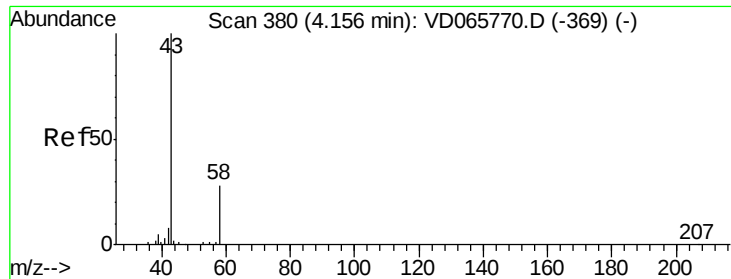
52 0.0 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#16

Acetone

Concen: 18.076 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065869.D

Acq: 23 Jun 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

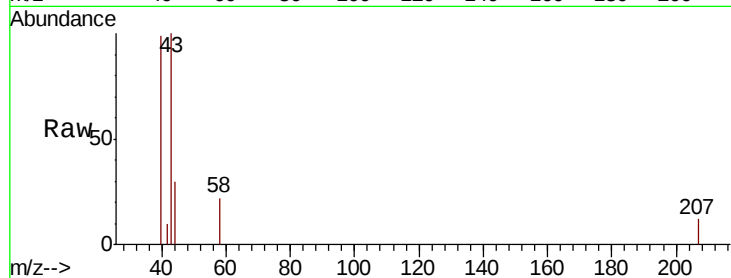
SB-12

Tot Ion: 43 Resp: 4042

Ion Ratio Lower Upper

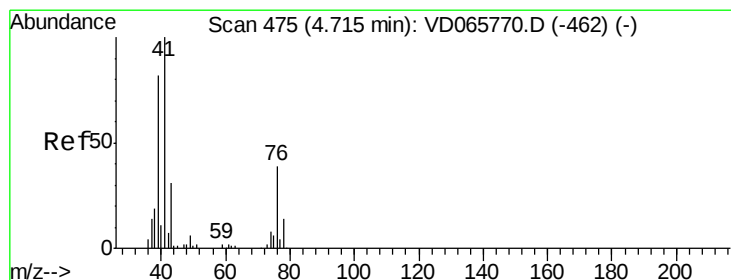
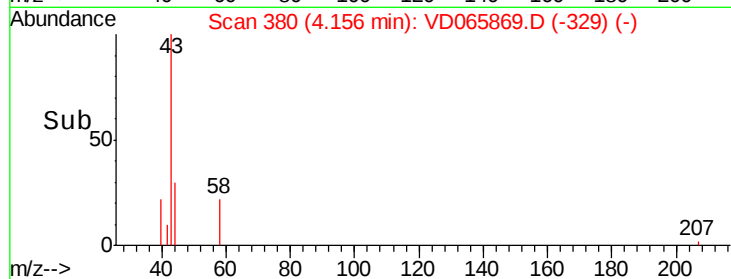
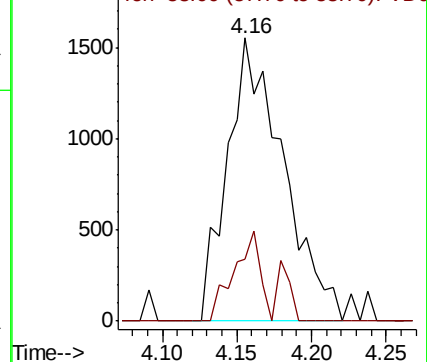
43 100

58 21.6 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#18

Methyl Acetate

Concen: Below Cal

RT: 4.52 min Scan# 442

Delta R.T. -0.19 min

Lab File: VD065869.D

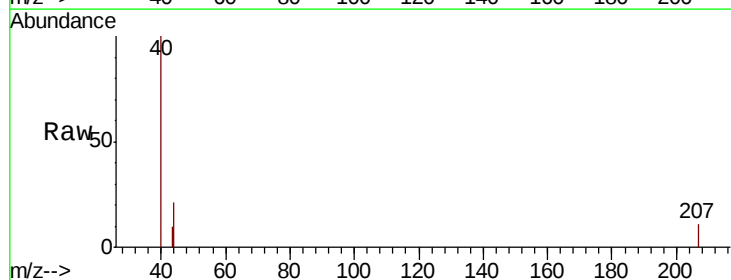
Acq: 23 Jun 2020 19:19

Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

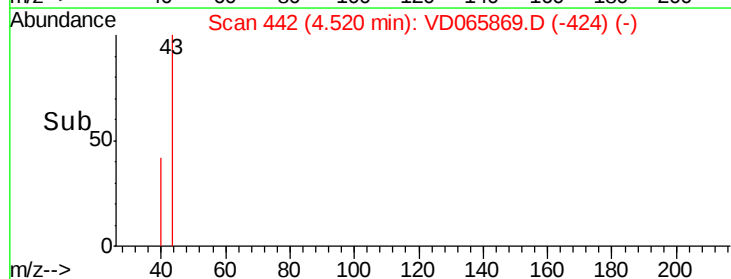
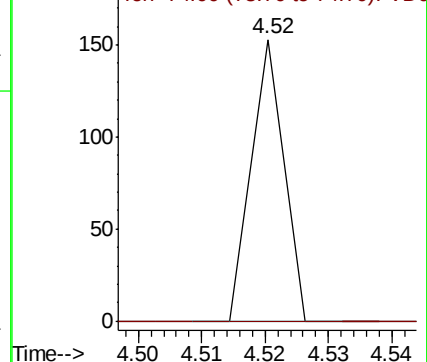
43 100

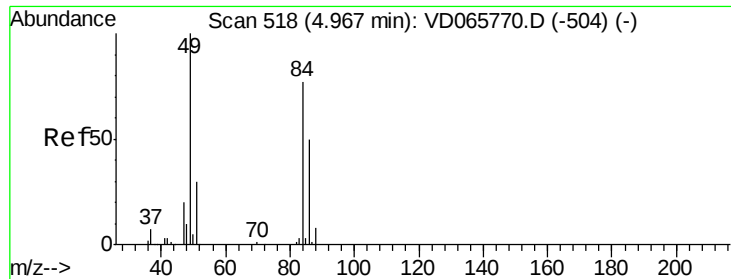
74 0.0 18.7 28.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





#20

Methylene Chloride

Concen: 10.855 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065869.D

Acq: 23 Jun 2020 19:19

Instrument :

MSVOA_D

ClientSampleID :

SB-12

Tot Ion: 84 Resp: 17027

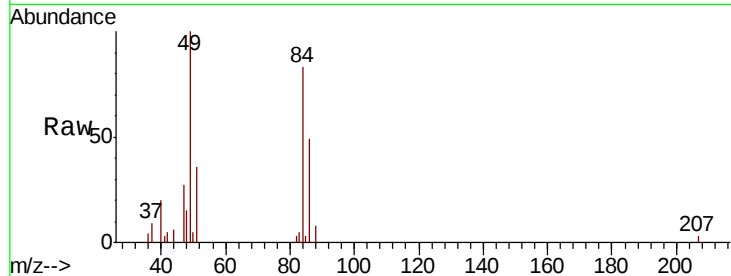
Ion Ratio Lower Upper

84 100

49 120.6 103.4 155.0

51 43.1 31.4 47.2

86 59.5 51.7 77.5

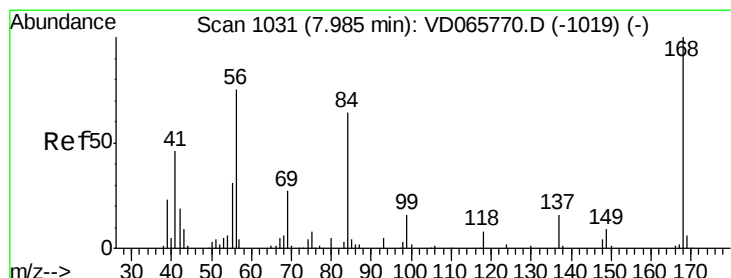
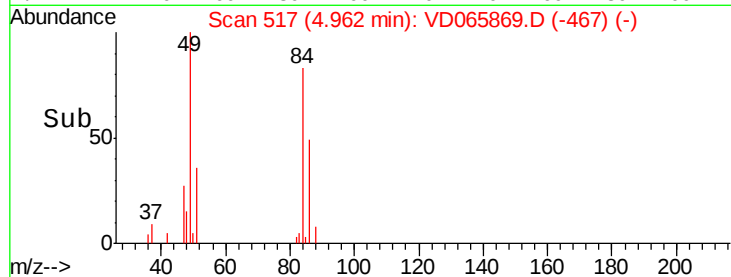
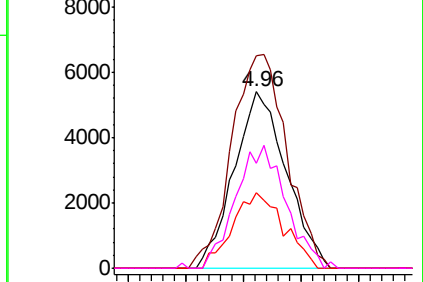


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 1.524 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065869.D

Acq: 23 Jun 2020 19:19

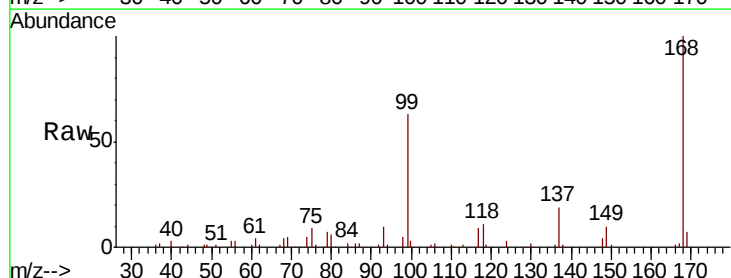
Tgt Ion: 56 Resp: 3239

Ion Ratio Lower Upper

56 100

69 166.0 28.5 42.7#

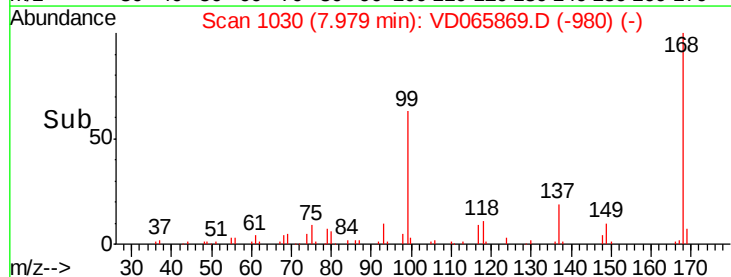
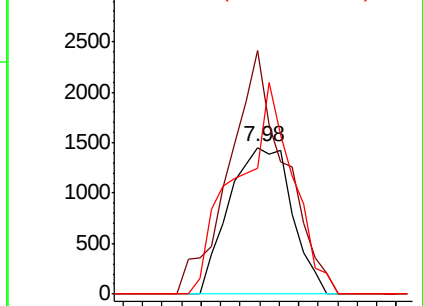
84 85.7 68.4 102.6

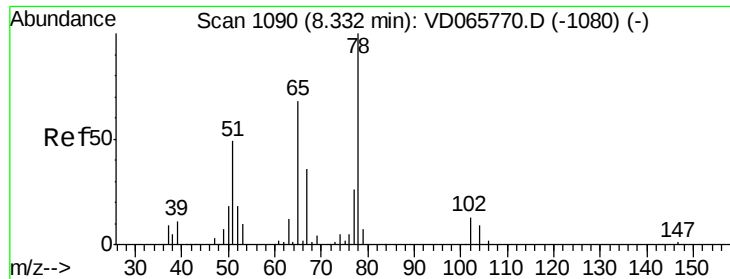


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

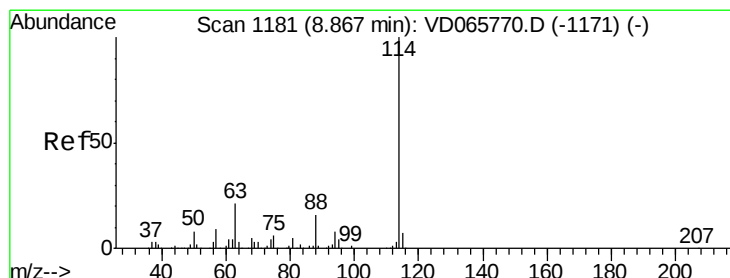
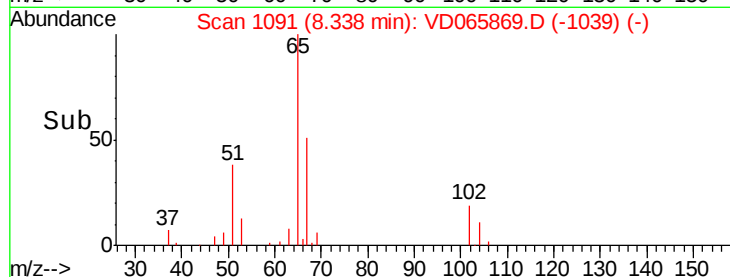
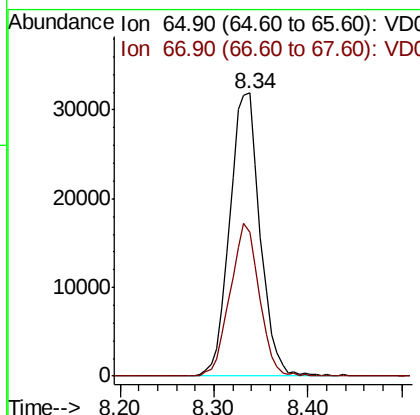
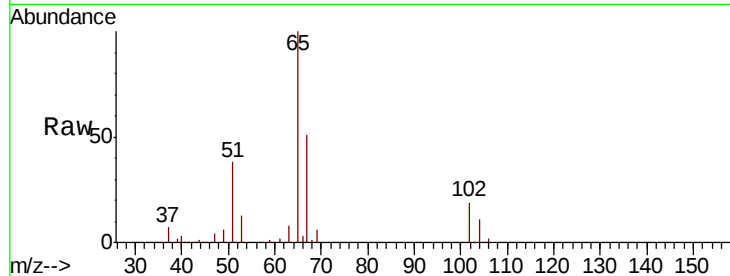




#33
 1,2-Dichloroethane-d4
 Concen: 60.341 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD065869.D
 Acq: 23 Jun 2020 19:19

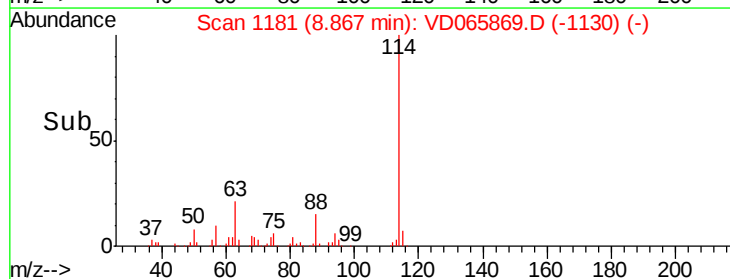
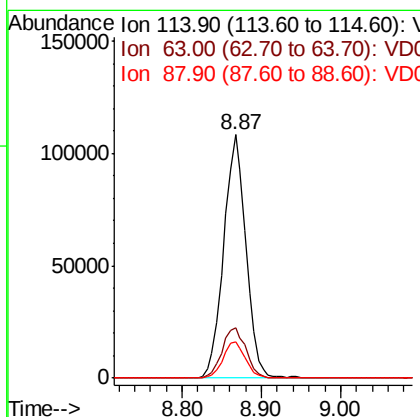
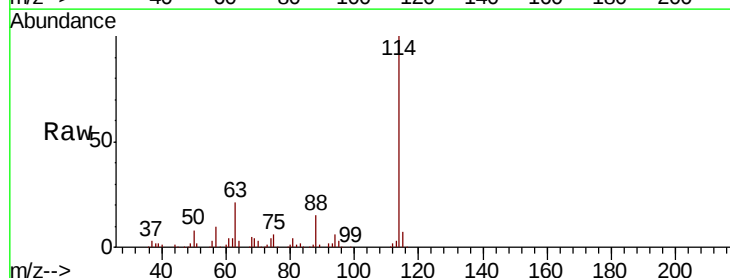
Instrument :
 MSVOA_D
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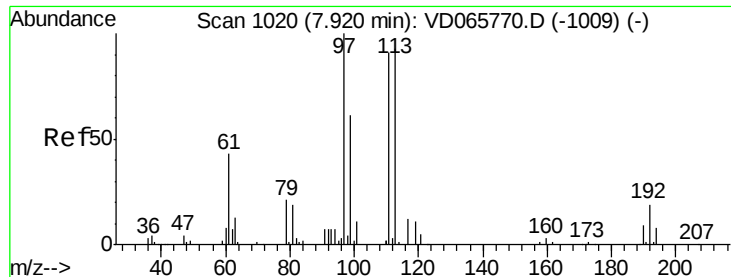
Tot Ion: 65 Resp: 71530
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065869.D
 Acq: 23 Jun 2020 19:19

Tgt Ion: 114 Resp: 210689
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.8
 88 14.7 0.0 32.0

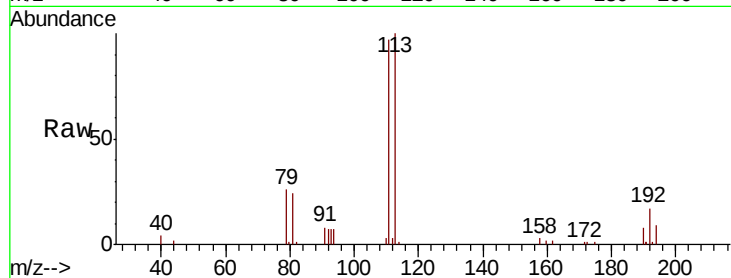




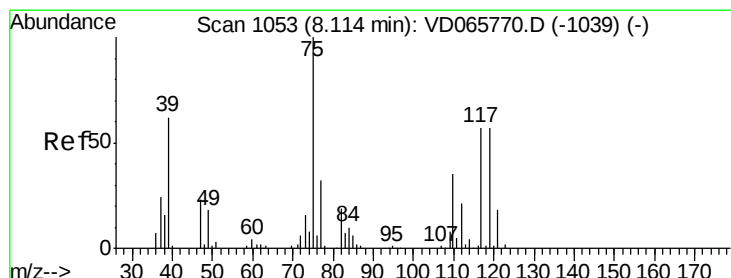
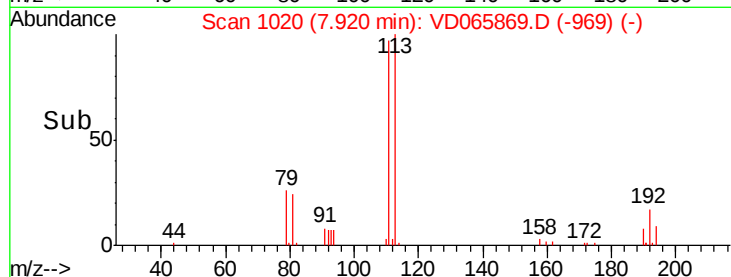
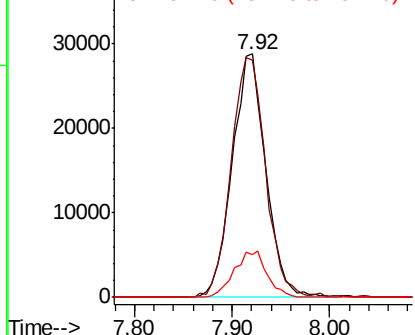
#35
 Dibromofluoromethane
 Concen: 51.595 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065869.D
 Acq: 23 Jun 2020 19:19

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12

Tot Ion:113 Resp: 68665
 Ion Ratio Lower Upper
 113 100
 111 101.0 83.4 125.0
 192 18.4 15.7 23.5

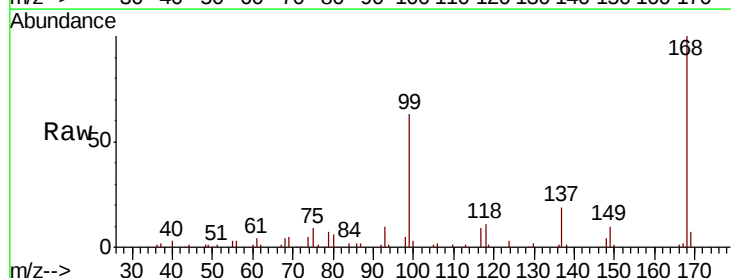


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

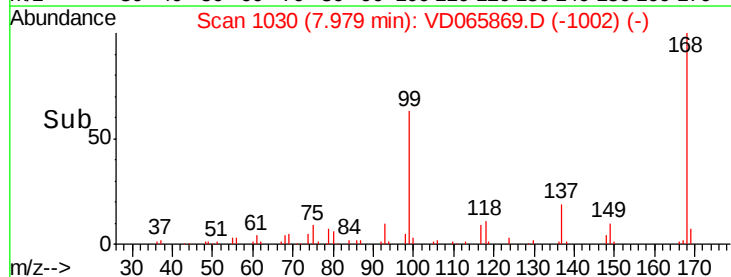
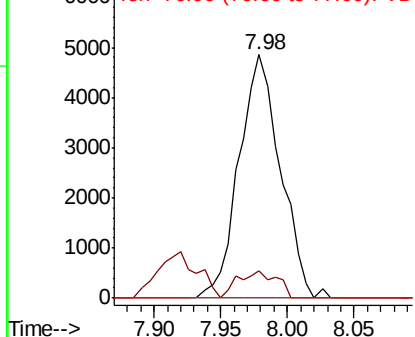


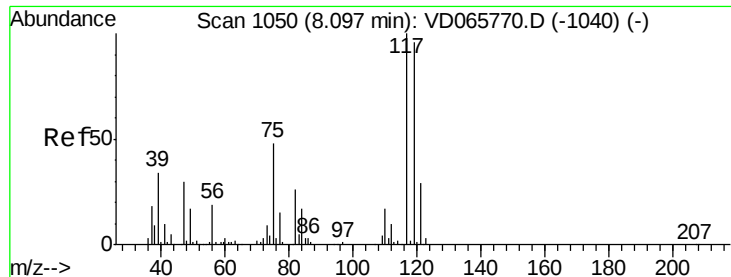
#36
 1,1-Dichloropropene
 Concen: 5.166 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065869.D
 Acq: 23 Jun 2020 19:19

Tgt Ion: 75 Resp: 10427
 Ion Ratio Lower Upper
 75 100
 110 10.5 17.6 52.8#
 77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.606 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065869.D

Acq: 23 Jun 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

SB-12

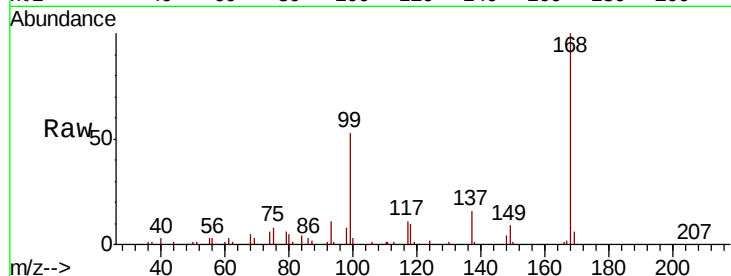
Tot Ion:117 Resp: 11907

Ion Ratio Lower Upper

117 100

119 5.7 76.8 115.2#

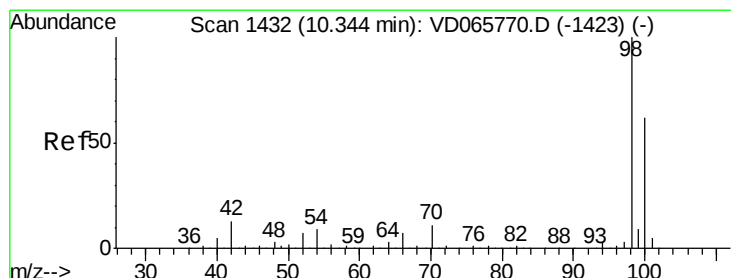
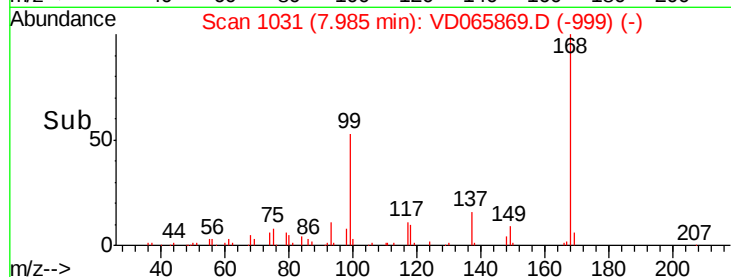
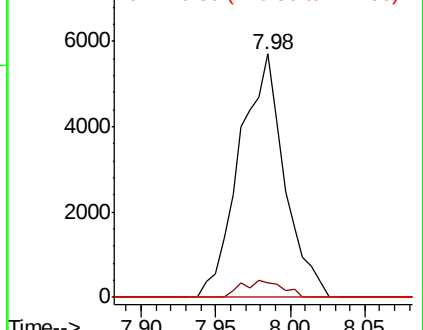
121 0.0 23.4 35.2#



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: 46.915 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065869.D

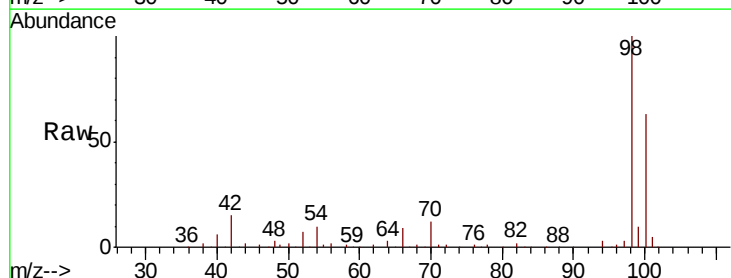
Acq: 23 Jun 2020 19:19

Tgt Ion: 98 Resp: 232816

Ion Ratio Lower Upper

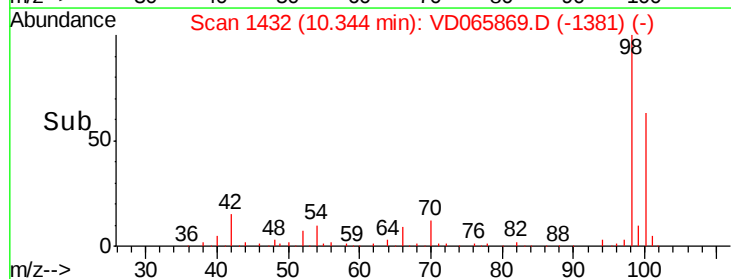
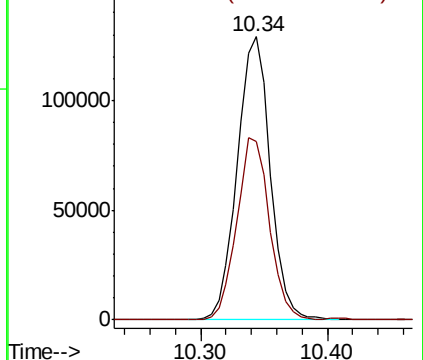
98 100

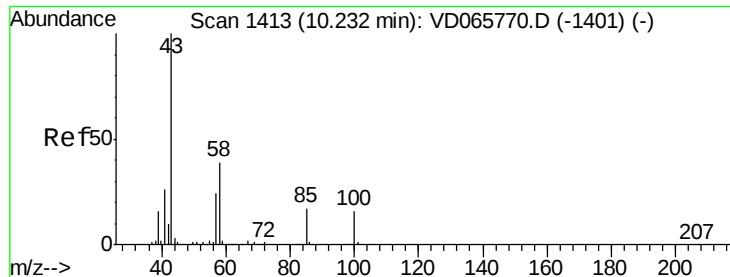
100 63.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

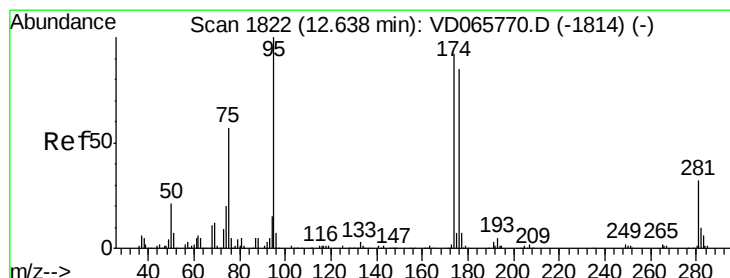
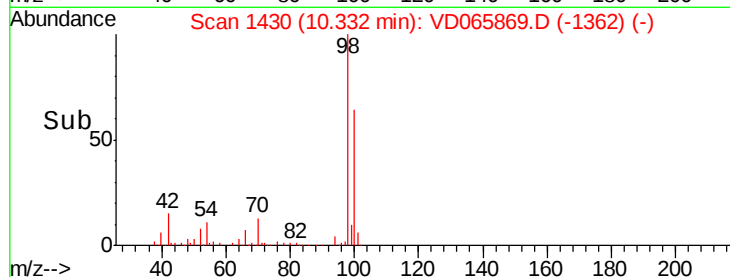
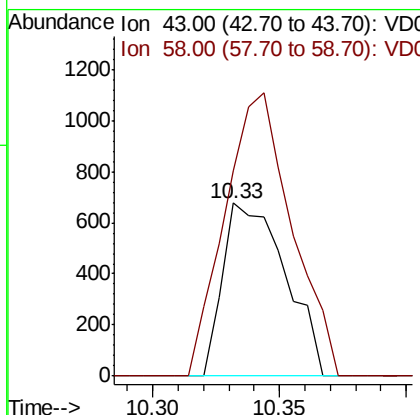
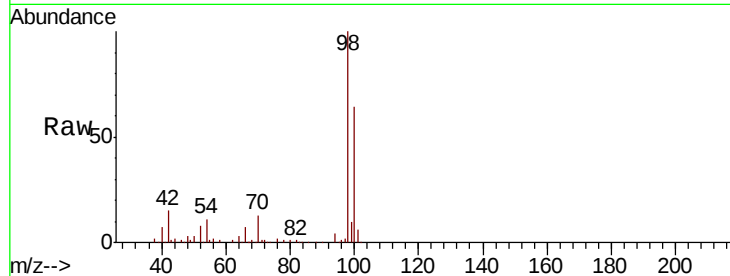




#51
4-Methyl-2-Pentanone
Concen: 1.499 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. 0.10 min
Lab File: VD065869.D
Acq: 23 Jun 2020 19:19

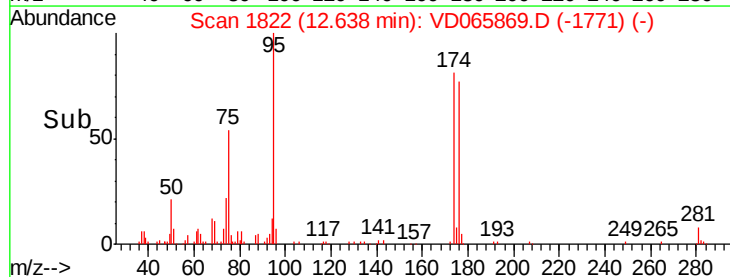
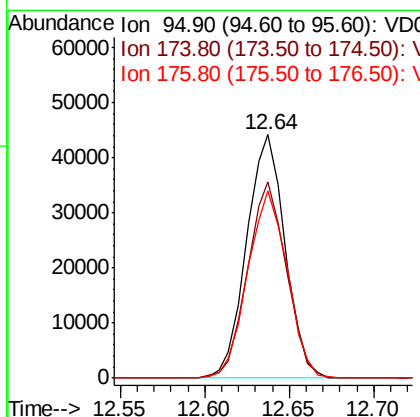
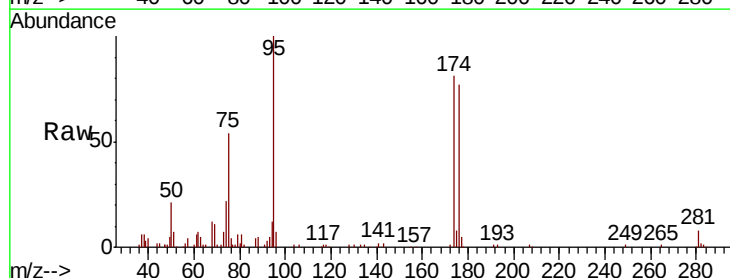
Instrument :
MSVOA_D
ClientSampleID :
SB-12

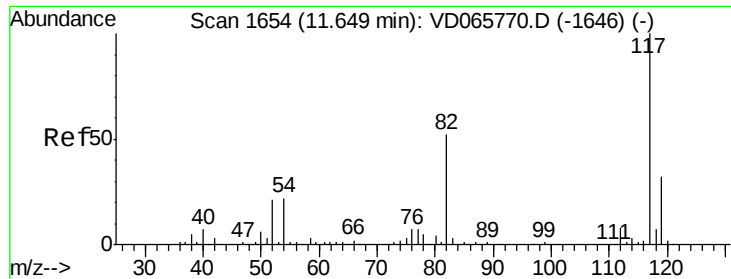
Tot Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
58 175.2 30.7 46.1#



#62
4-Bromofluorobenzene
Concen: 41.625 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065869.D
Acq: 23 Jun 2020 19:19

Tgt Ion: 95 Resp: 70053
Ion Ratio Lower Upper
95 100
174 81.3 0.0 175.2
176 79.1 0.0 163.0

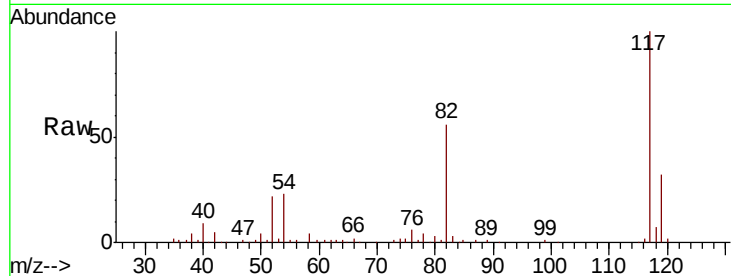




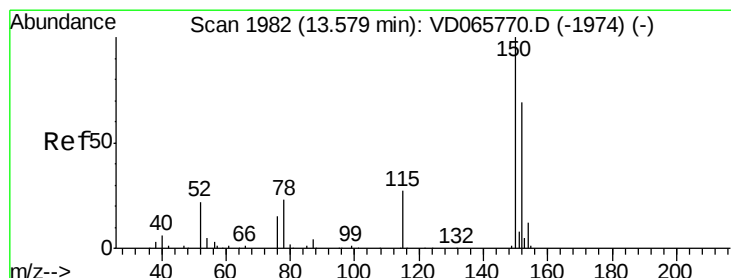
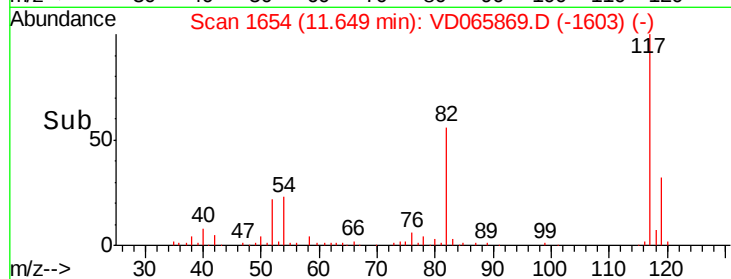
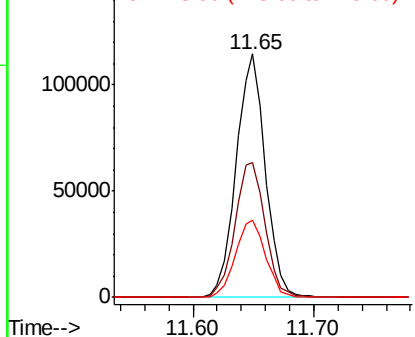
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065869.D
Acq: 23 Jun 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
SB-12

Tot Ion:117 Resp: 192758
Ion Ratio Lower Upper
117 100
82 55.5 41.9 62.9
119 31.5 25.3 37.9

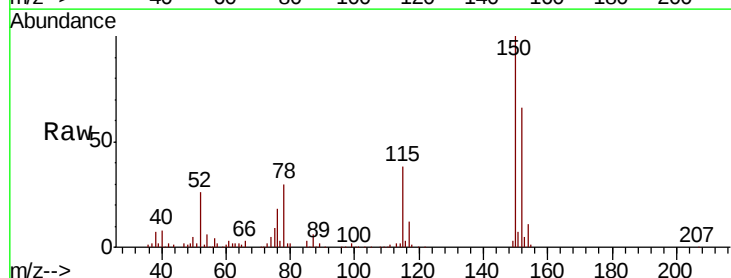


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

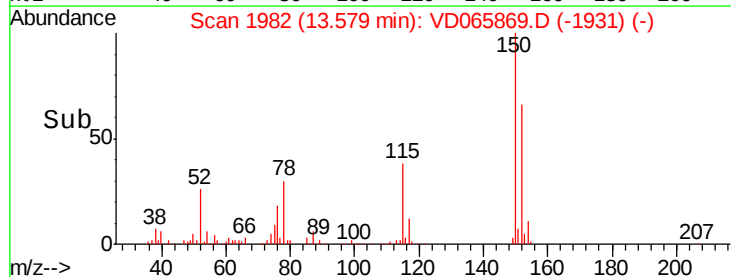
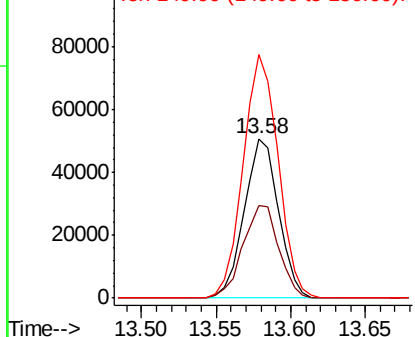


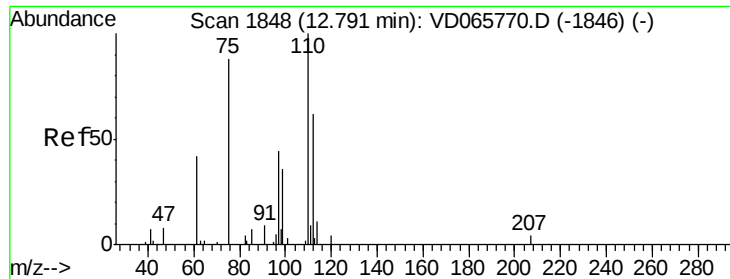
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065869.D
Acq: 23 Jun 2020 19:19

Tgt Ion:152 Resp: 80393
Ion Ratio Lower Upper
152 100
115 60.6 28.7 86.1
150 155.6 0.0 348.0



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: 63.291 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065869.D

Acq: 23 Jun 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

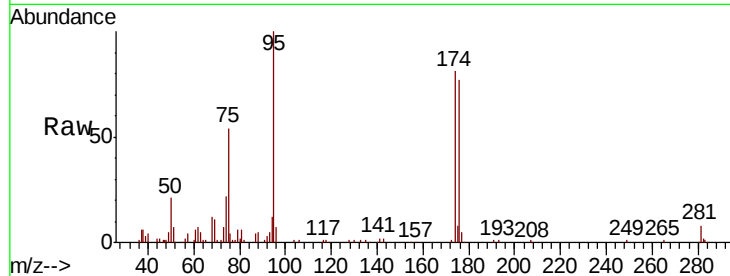
SB-12

Tot Ion: 75 Resp: 39571

Ion Ratio Lower Upper

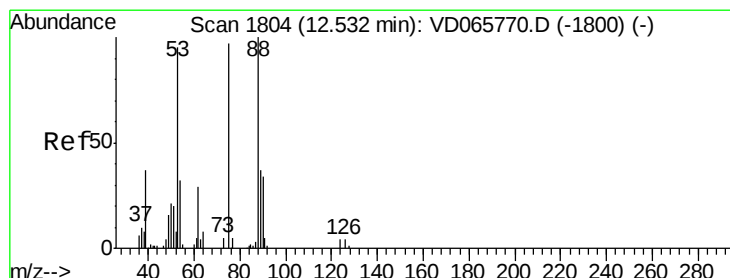
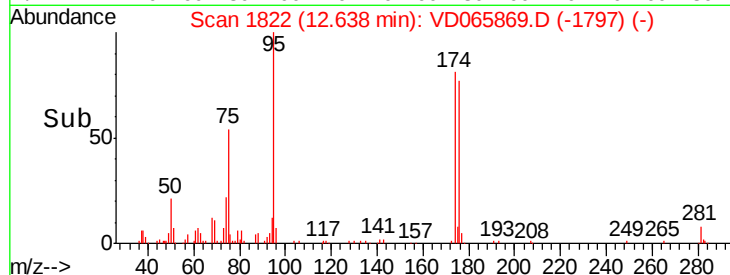
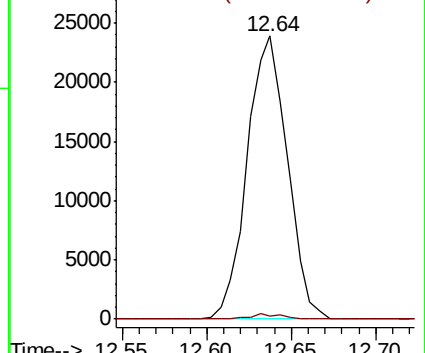
75 100

77 1.4 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: 136.747 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065869.D

Acq: 23 Jun 2020 19:19

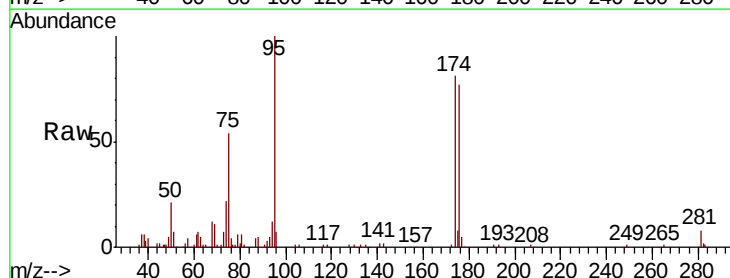
Tgt Ion: 75 Resp: 39571

Ion Ratio Lower Upper

75 100

53 0.0 82.6 123.8#

89 0.0 35.9 53.9#



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

