

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066363.D
 Acq On : 21 Aug 2020 16:55
 Operator : VA/SY
 Sample : L3729-09
 Misc : 3.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-(1-2)

Quant Time: Aug 22 02:23:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	222895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	328106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	360548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	212712	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	104611	47.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.74%	
35) Dibromofluoromethane	7.91	113	101740	49.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.18%	
50) Toluene-d8	10.33	98	401357	53.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.63	95	175993	66.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	132.14%	

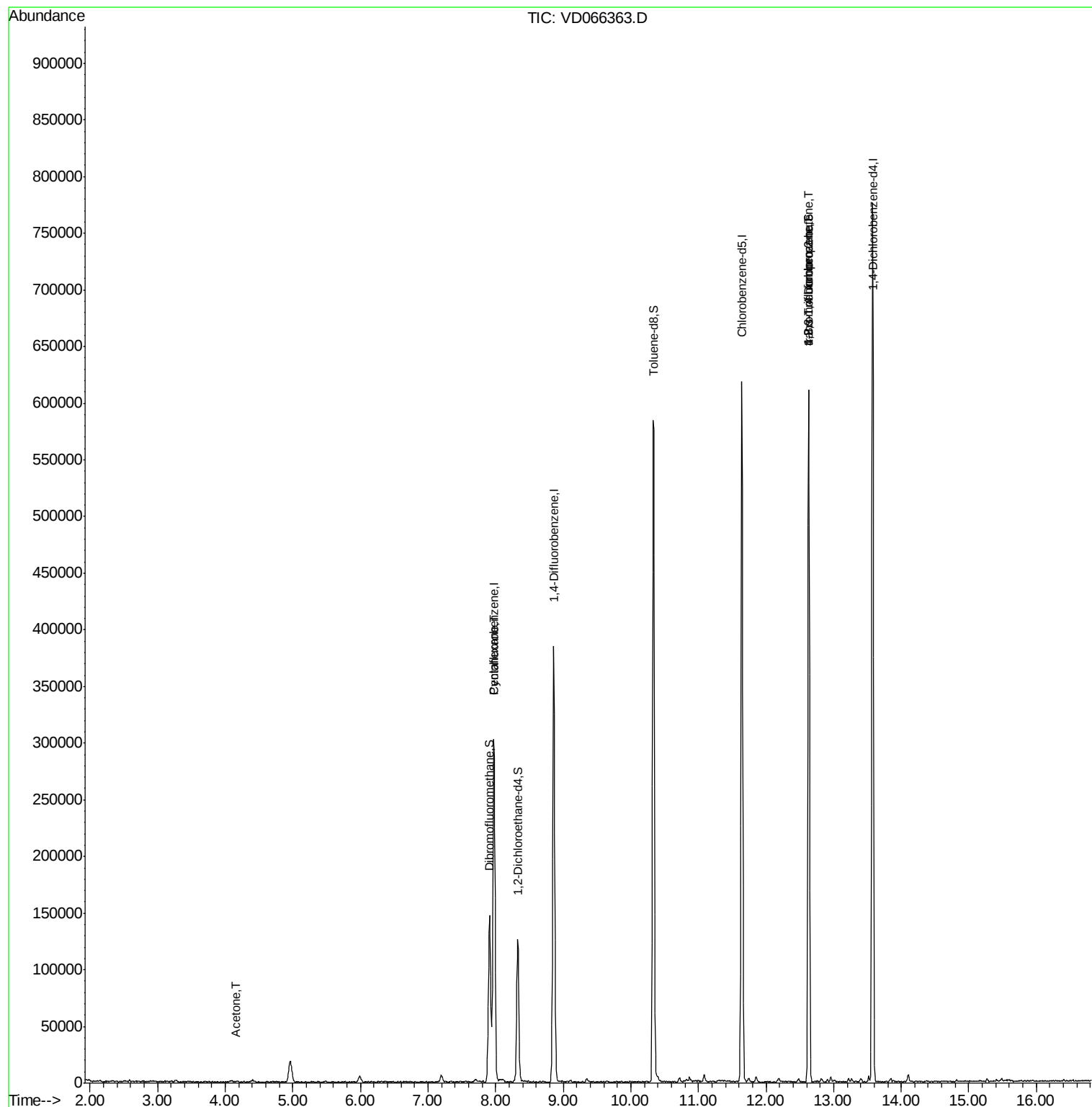
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	90	Below Cal	#	71
16) Acetone	4.16	43	493	1.251	ug/l #	46
31) Cyclohexane	7.98	56	5212	1.718	ug/l #	20
76) 1,2,3-Trichloropropane	12.63	75	97549	65.187	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	97549	138.372	ug/l #	6

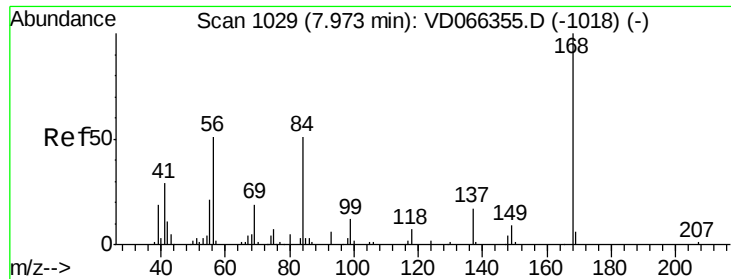
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066363.D

Acq: 21 Aug 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

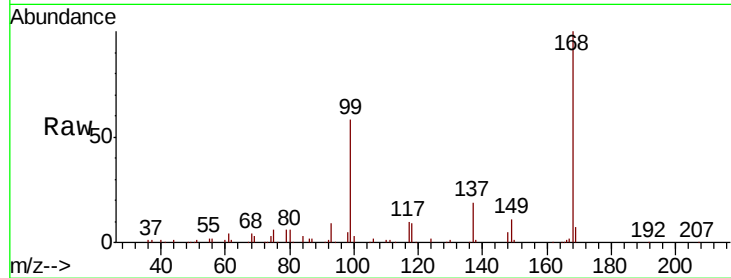
SB-2-(1-2)

Tot Ion:168 Resp: 222895

Ion Ratio Lower Upper

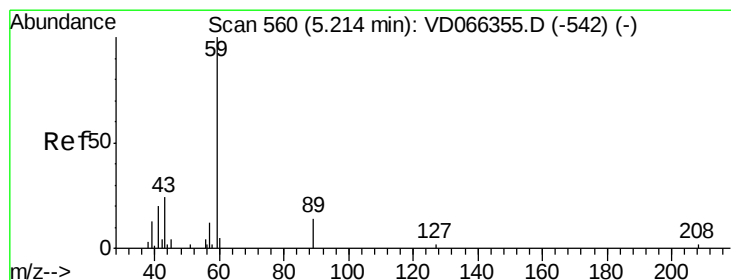
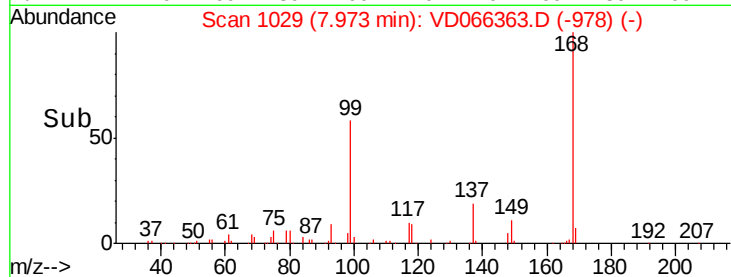
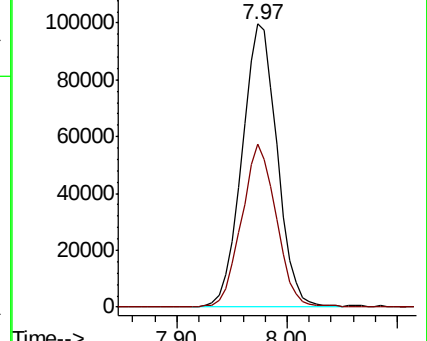
168 100

99 57.3 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD066363.D

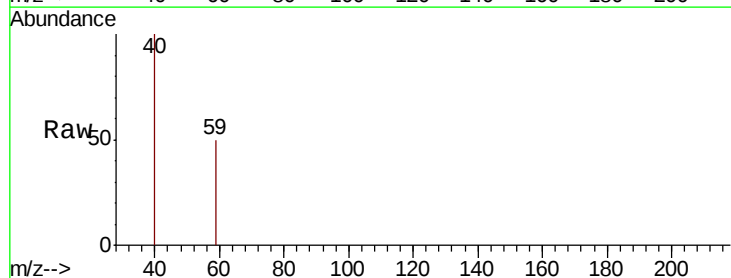
Acq: 21 Aug 2020 16:55

Tgt Ion: 59 Resp: 90

Ion Ratio Lower Upper

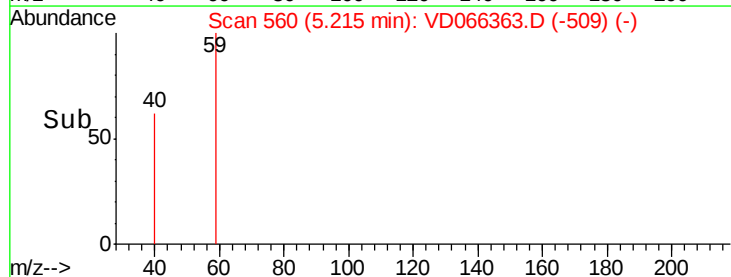
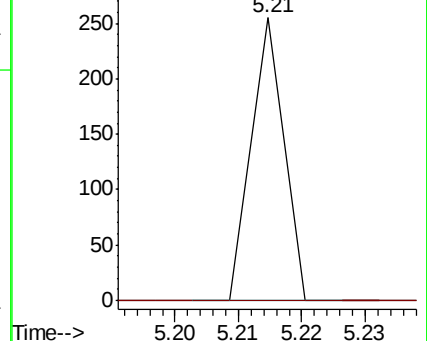
59 100

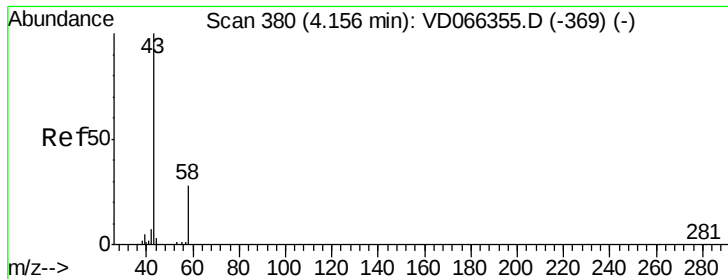
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 1.251 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066363.D

Acq: 21 Aug 2020 16:55

Instrument :

MSVOA_D

ClientSampled :

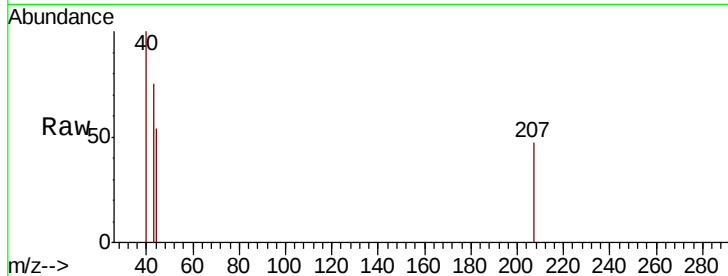
SB-2-(1-2)

Tot Ion: 43 Resp: 493

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

600

500

400

300

200

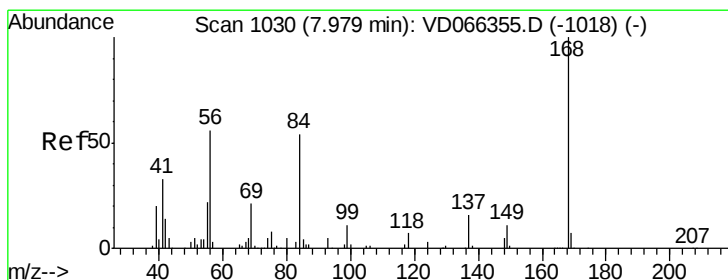
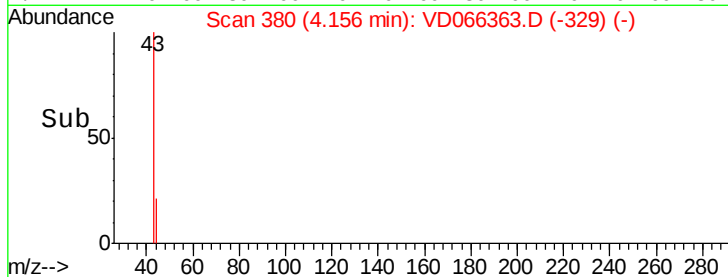
100

0

4.14

4.16

Time-->



#31

Cyclohexane

Concen: 1.718 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066363.D

Acq: 21 Aug 2020 16:55

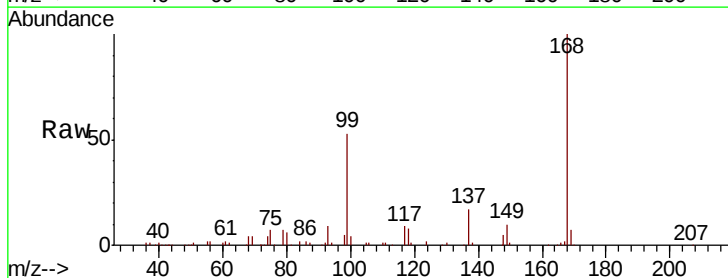
Tgt Ion: 56 Resp: 5212

Ion Ratio Lower Upper

56 100

69 179.5 29.6 44.4#

84 77.7 76.6 115.0



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

5000

4000

3000

2000

1000

0

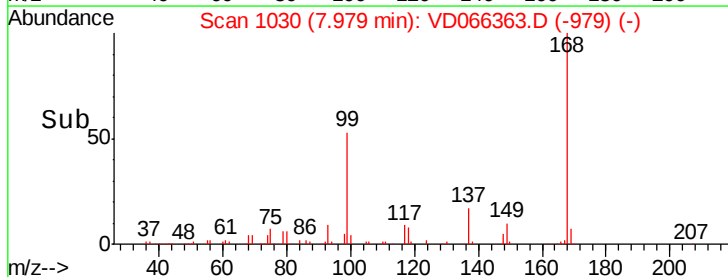
7.90

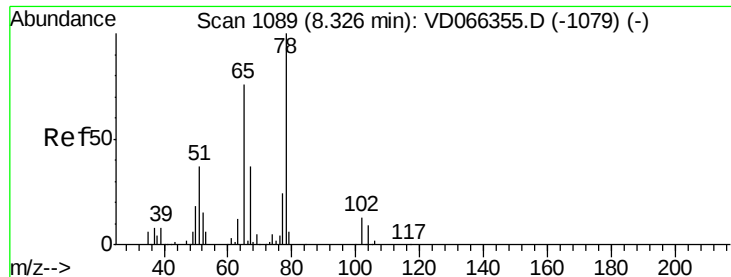
7.95

8.00

8.05

Time-->

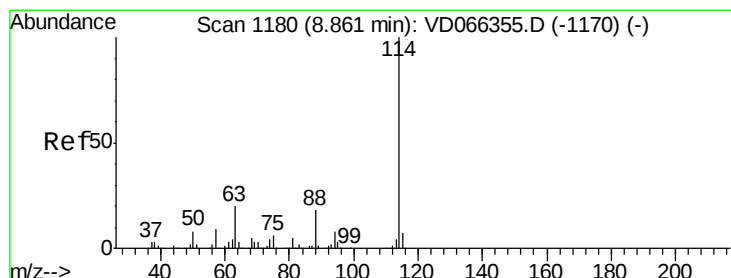
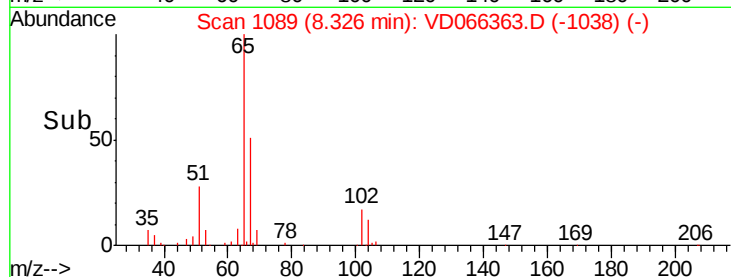
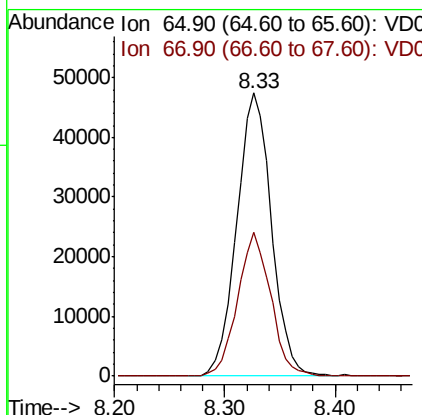
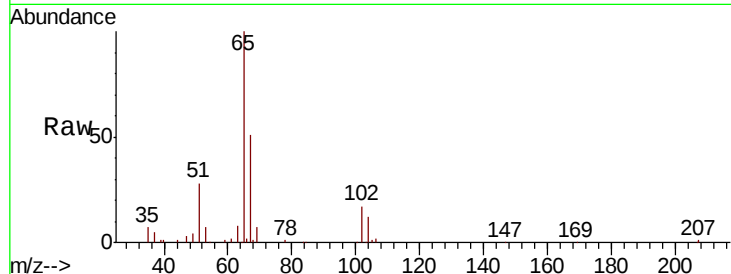




#33
 1,2-Dichloroethane-d4
 Concen: 47.871 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066363.D
 Acq: 21 Aug 2020 16:55

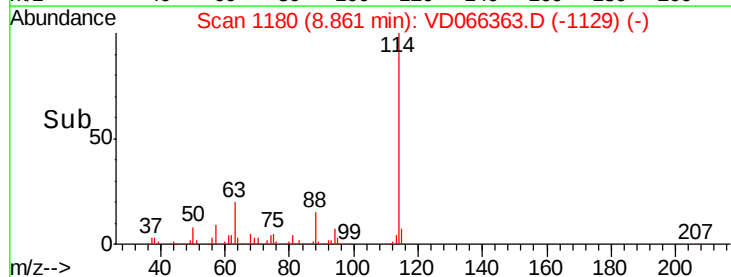
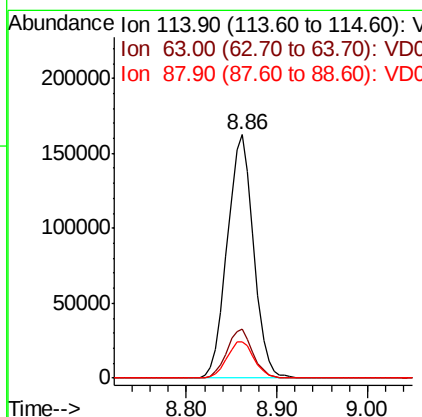
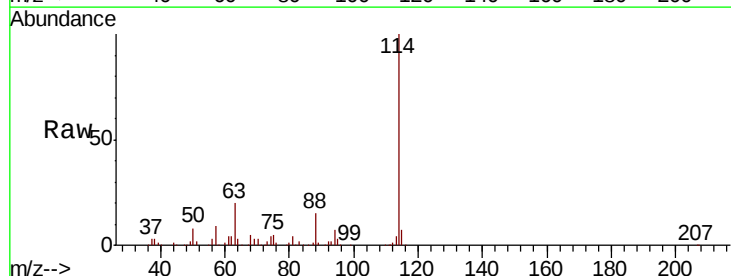
Instrument :
 MSVOA_D
 ClientSampled :
 SB-2-(1-2)

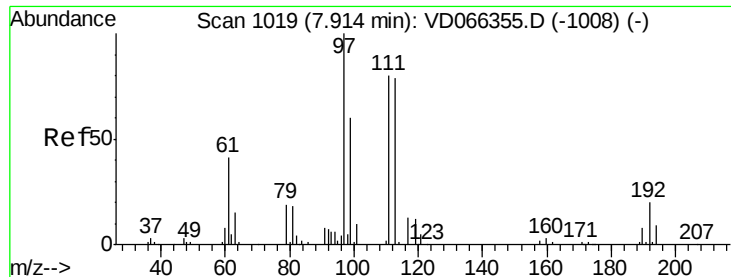
Tot Ion: 65 Resp: 104611
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066363.D
 Acq: 21 Aug 2020 16:55

Tgt Ion: 114 Resp: 328106
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 14.8 0.0 35.4

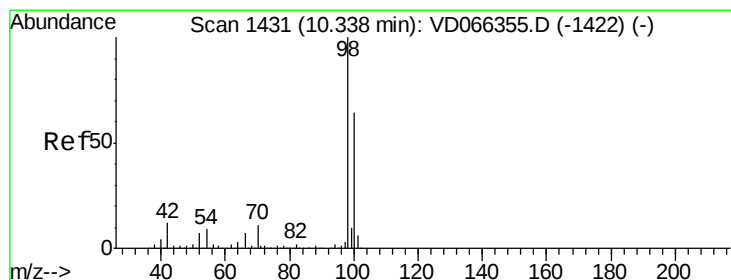
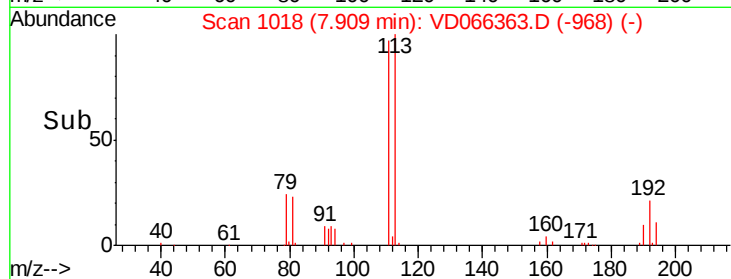
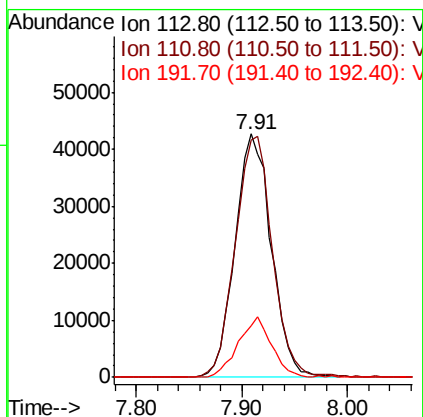
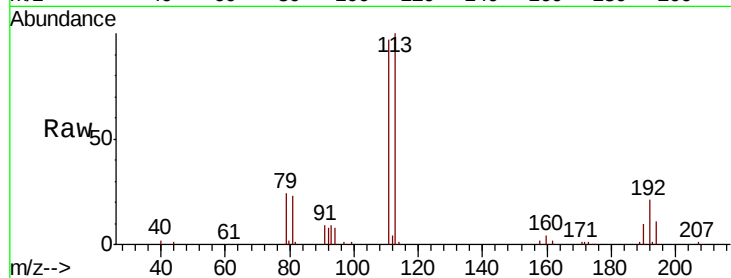




#35
 Dibromofluoromethane
 Concen: 49.589 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066363.D
 Acq: 21 Aug 2020 16:55

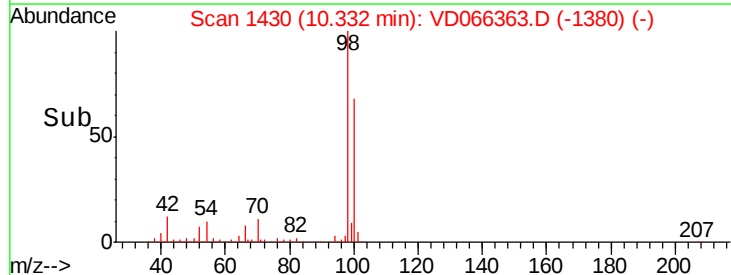
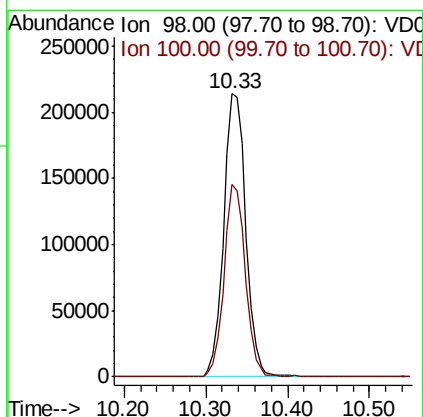
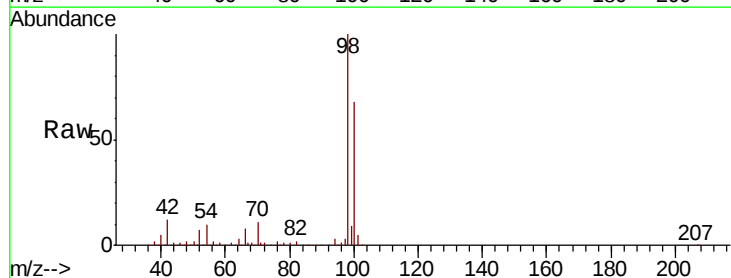
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-(1-2)

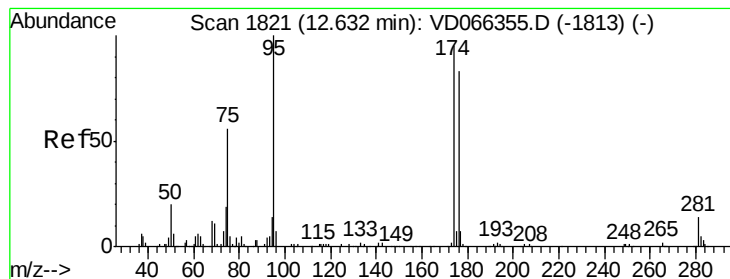
Tot Ion:113 Resp: 101740
 Ion Ratio Lower Upper
 113 100
 111 101.3 80.3 120.5
 192 22.8 19.0 28.6



#50
 Toluene-d8
 Concen: 53.466 ug/l
 RT: 10.33 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: VD066363.D
 Acq: 21 Aug 2020 16:55

Tgt Ion: 98 Resp: 401357
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 66.070 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066363.D

Acq: 21 Aug 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

SB-2-(1-2)

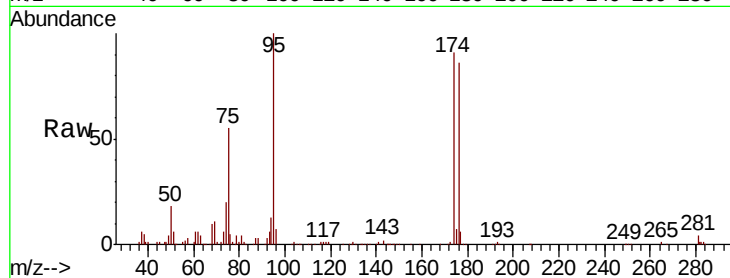
Tot Ion: 95 Resp: 175993

Ion Ratio Lower Upper

95 100

174 93.5 0.0 183.4

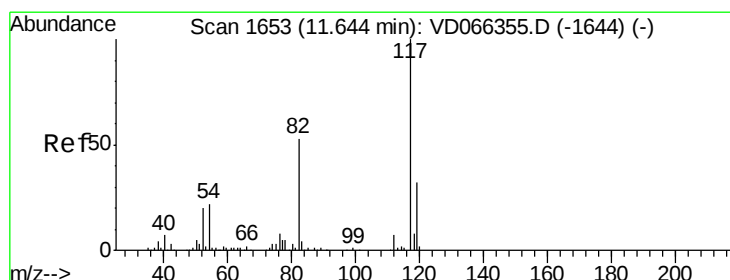
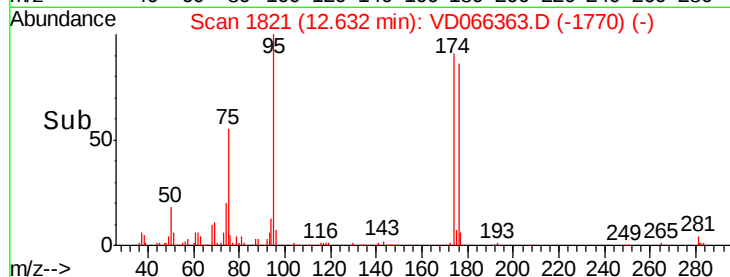
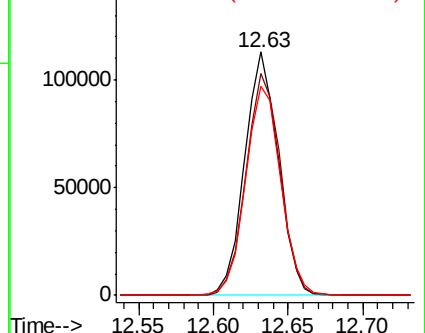
176 89.6 0.0 173.8



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: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066363.D

Acq: 21 Aug 2020 16:55

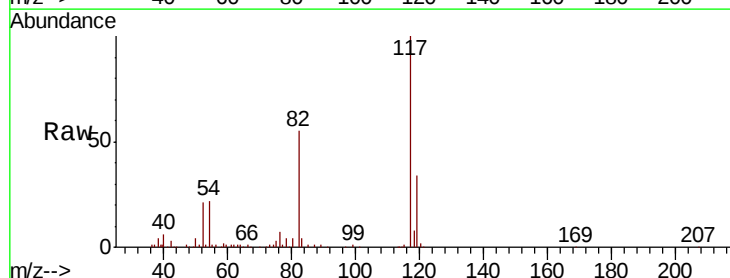
Tgt Ion: 117 Resp: 360548

Ion Ratio Lower Upper

117 100

82 55.4 42.8 64.2

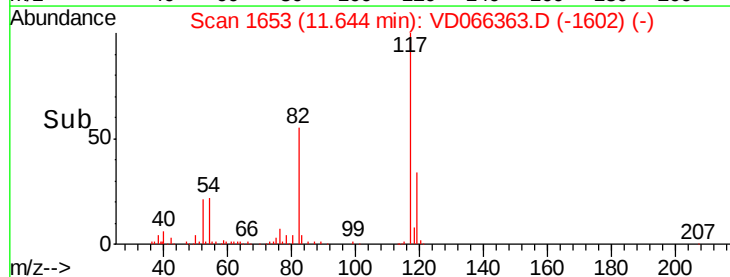
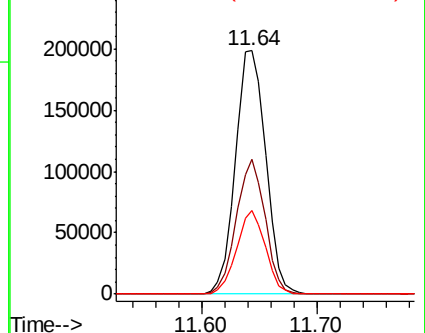
119 34.5 25.8 38.8

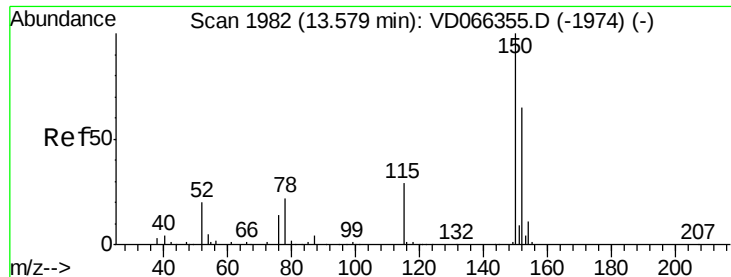


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD066363.D

Acq: 21 Aug 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

SB-2-(1-2)

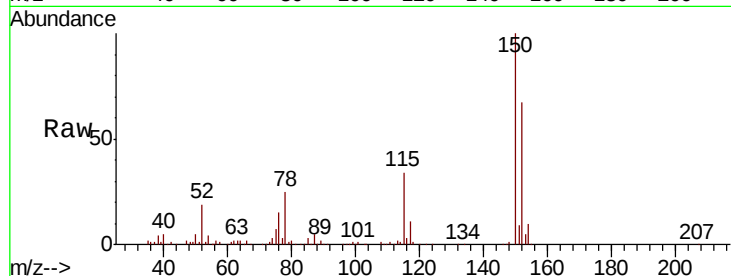
Tot Ion:152 Resp: 212712

Ion Ratio Lower Upper

152 100

115 55.5 28.3 85.0

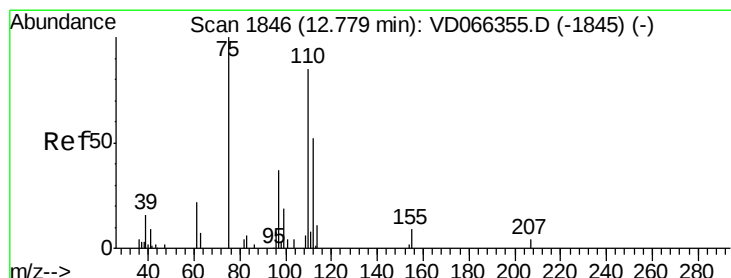
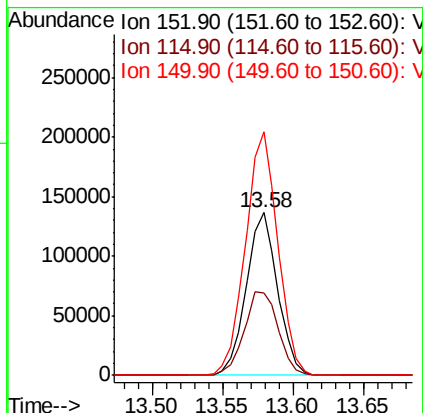
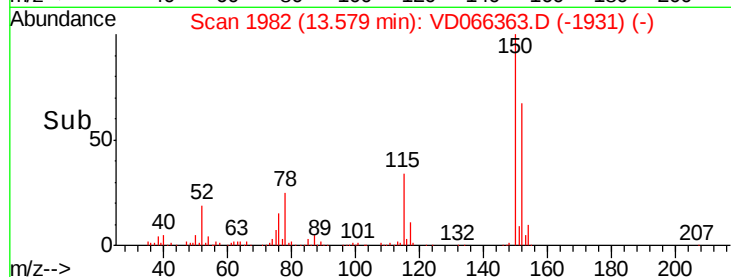
150 154.2 0.0 343.2



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: 65.187 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066363.D

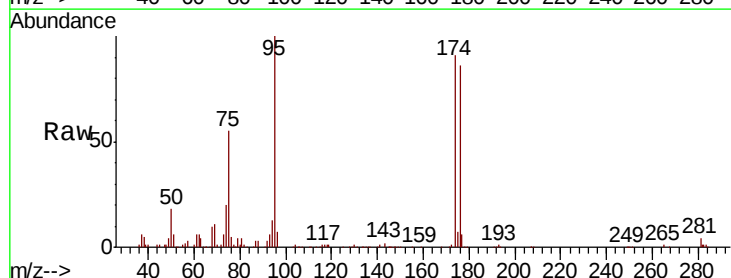
Acq: 21 Aug 2020 16:55

Tgt Ion: 75 Resp: 97549

Ion Ratio Lower Upper

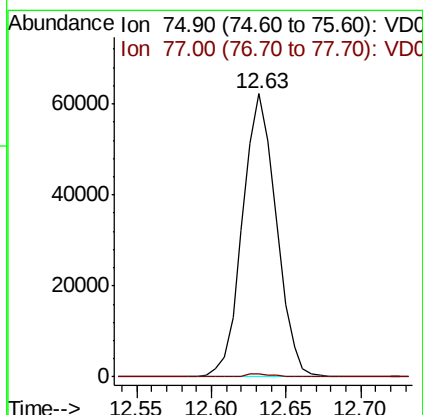
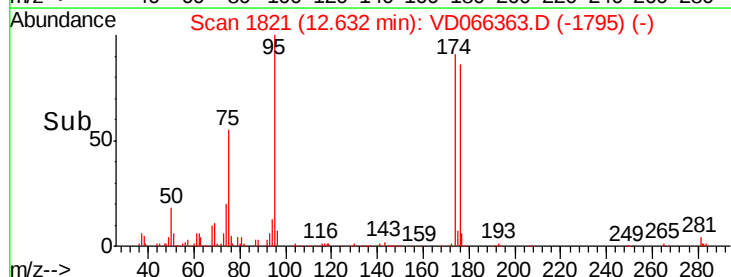
75 100

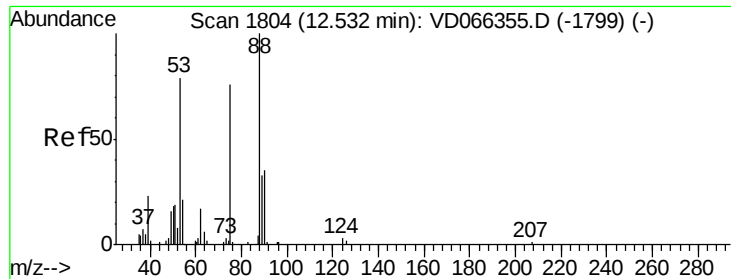
77 1.1 182.9 548.9#



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: 138.372 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066363.D

Acq: 21 Aug 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

SB-2-(1-2)

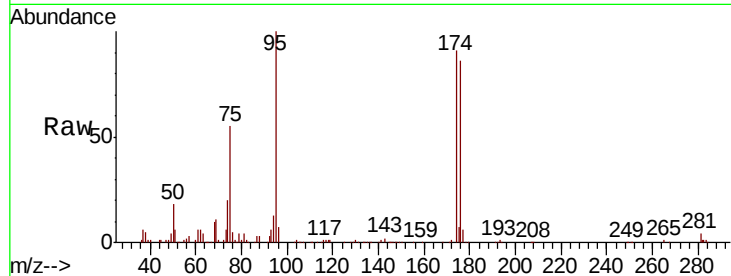
Tot Ion: 75 Resp: 97549

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.2 39.4 59.0#



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

