

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063607.D
 Acq On : 15 Aug 2019 16:00
 Operator : JC/SY
 Sample : K4257-02
 Misc : 5.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 15 16:34:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1078192	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1471804	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1163846	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	611040	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	483547	41.96	ug/l	-0.03
Spiked Amount						
			Recovery	=	83.92%	
35) Dibromofluoromethane	6.92	113	544510	43.93	ug/l	-0.02
Spiked Amount						
			Recovery	=	87.86%	
50) Toluene-d8	10.40	98	1118668	41.05	ug/l	-0.02
Spiked Amount						
			Recovery	=	82.10%	
62) 4-Bromofluorobenzene	13.55	95	478571	38.74	ug/l	0.00
Spiked Amount						
			Recovery	=	77.48%	

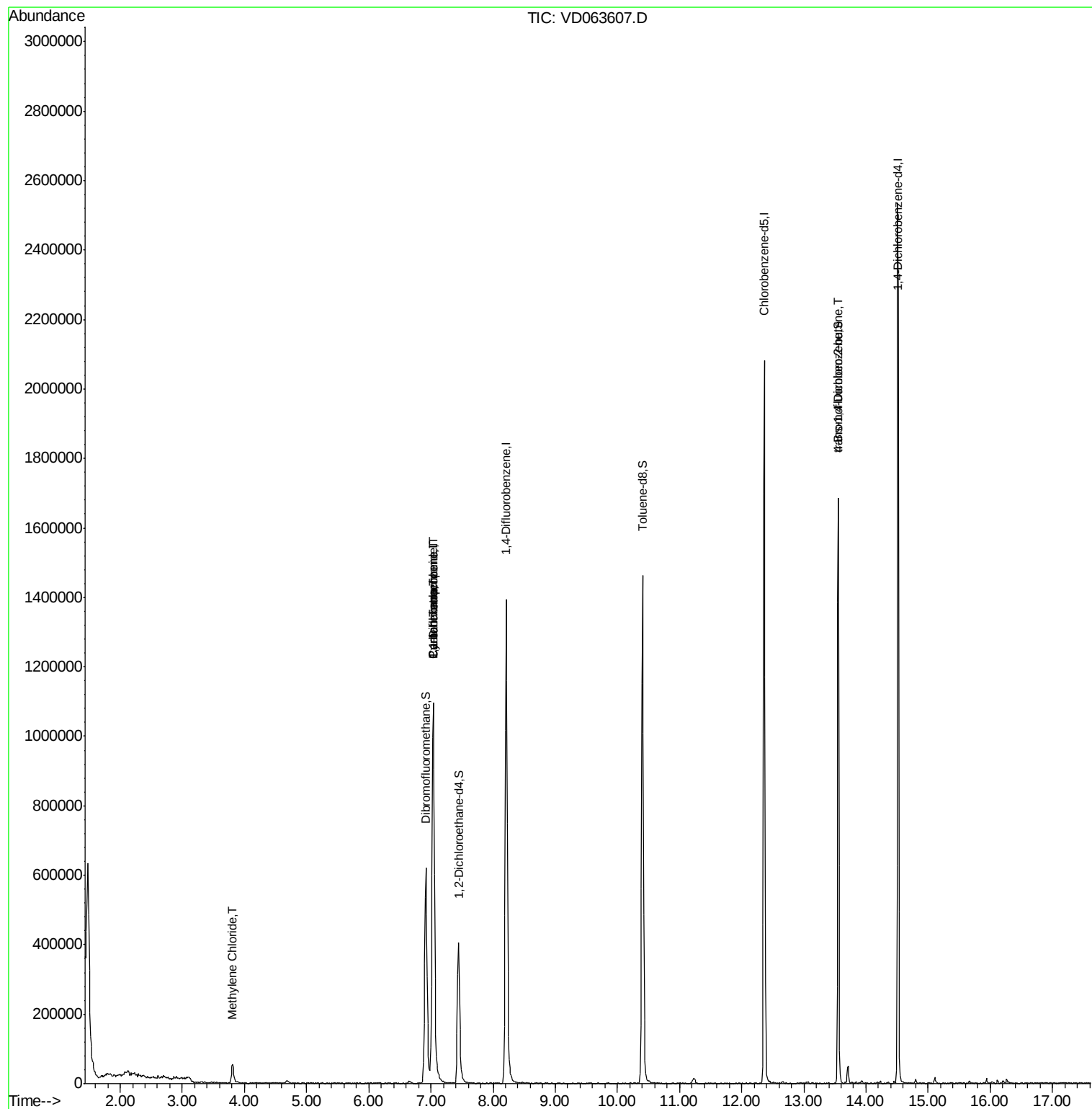
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.81	84	30937	3.054	ug/l #	85
31) Cyclohexane	7.03	56	21496	2.066	ug/l #	11
36) 1,1-Dichloropropene	7.04	75	77042	5.921	ug/l #	51
38) Carbon Tetrachloride	7.03	117	100750	5.138	ug/l #	18
81) trans-1,4-Dichloro-2-buten	13.54	75	216591	114.913	ug/l #	1

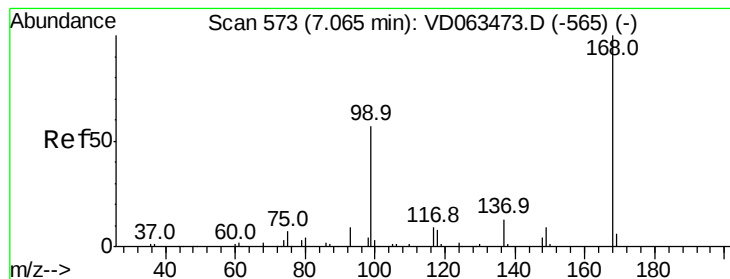
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 15 Aug 2019 16:00
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Misc : 5.05a/5ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

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Quant Time: Aug 15 16:34:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063607.D

Acq: 15 Aug 2019 16:00

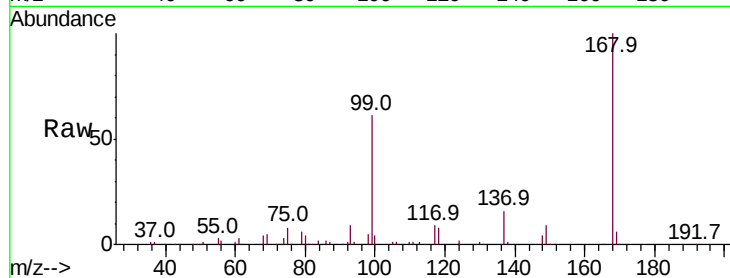
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 1078192

Ion Ratio Lower Upper

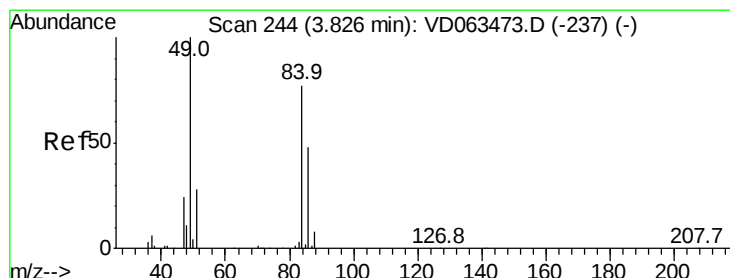
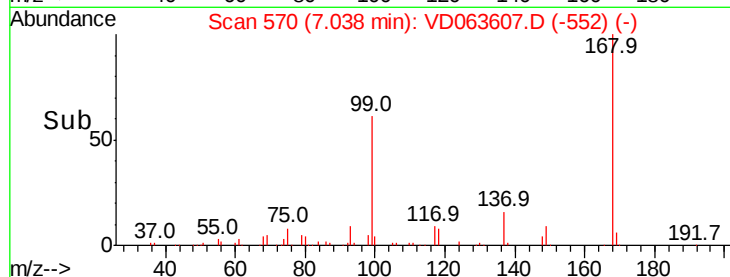
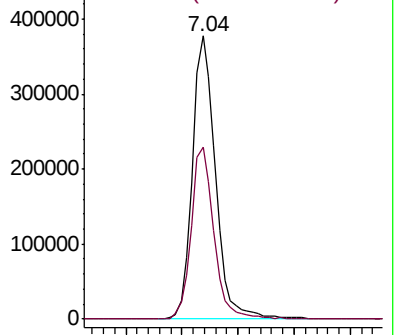
168 100

99 60.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 3.054 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063607.D

Acq: 15 Aug 2019 16:00

Tgt Ion: 84 Resp: 30937

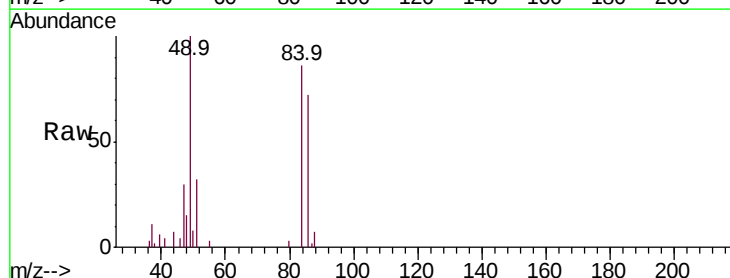
Ion Ratio Lower Upper

84 100

49 115.9 103.4 155.2

51 37.1 28.5 42.7

86 83.5 49.4 74.2#

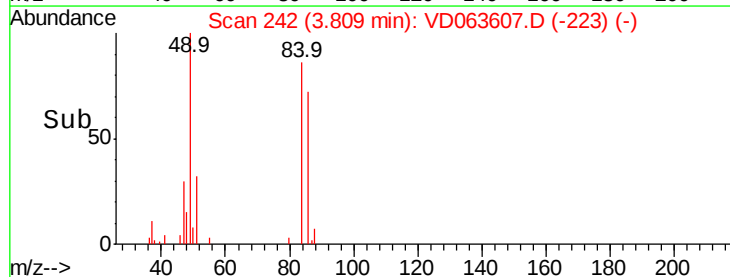
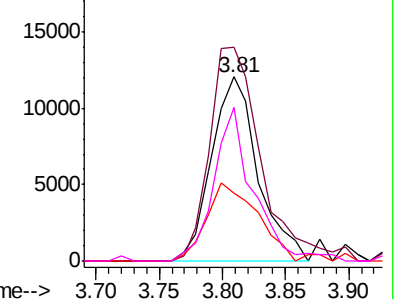


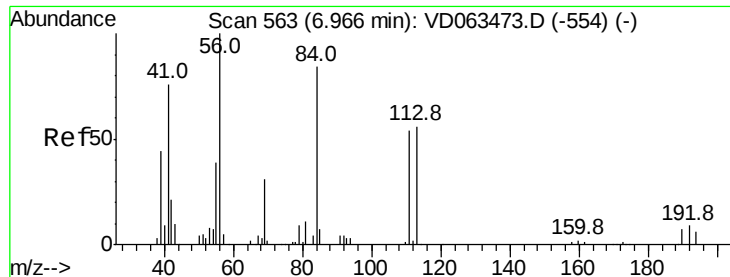
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 2.066 ug/l

RT: 7.03 min Scan# 569

Delta R.T. 0.06 min

Lab File: VD063607.D

Acq: 15 Aug 2019 16:00

Instrument :

MSVOA_D

ClientSampled :

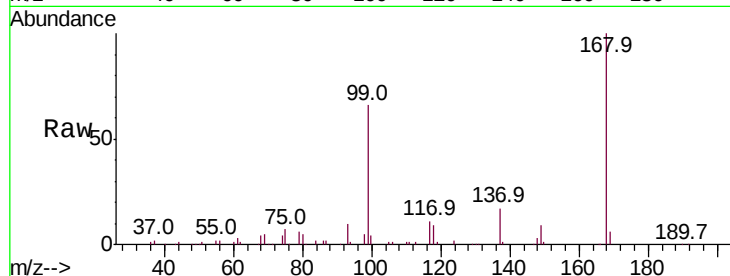
Tot Ion: 56 Resp: 21496

Ion Ratio Lower Upper

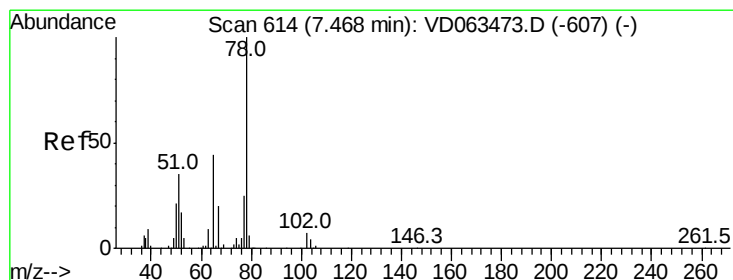
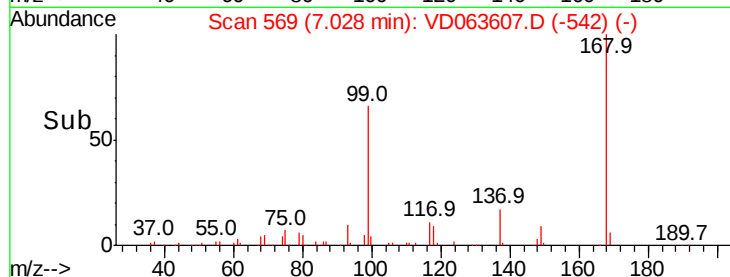
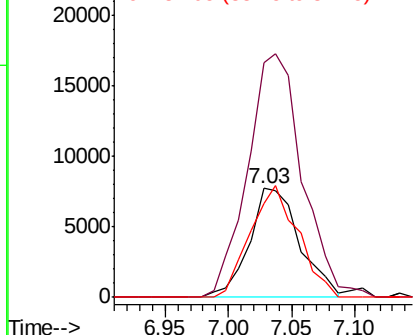
56 100

69 216.4 25.0 37.6#

84 86.8 69.7 104.5



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: 41.956 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063607.D

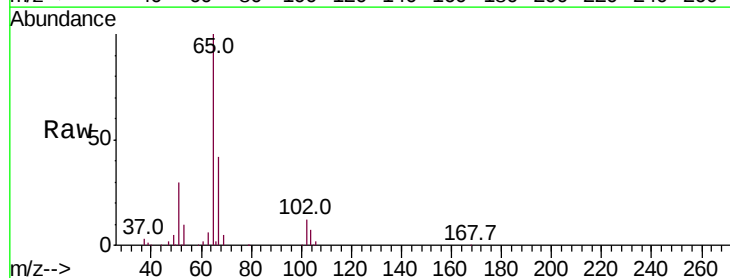
Acq: 15 Aug 2019 16:00

Tgt Ion: 65 Resp: 483547

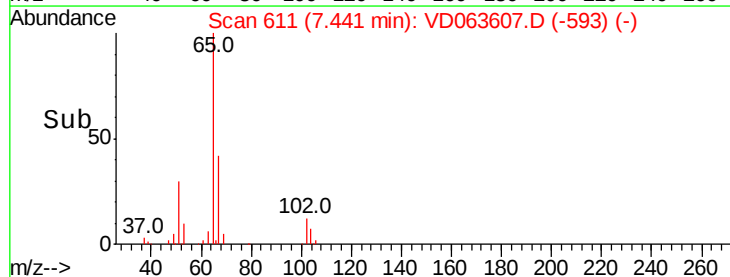
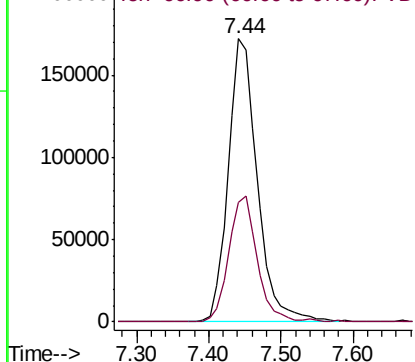
Ion Ratio Lower Upper

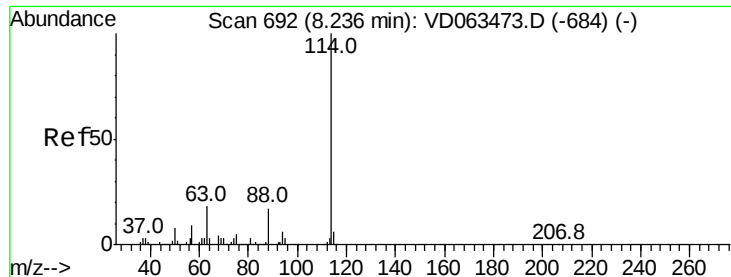
65 100

67 42.1 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063607.D

Acq: 15 Aug 2019 16:00

Instrument :

MSVOA_D

ClientSampleId :

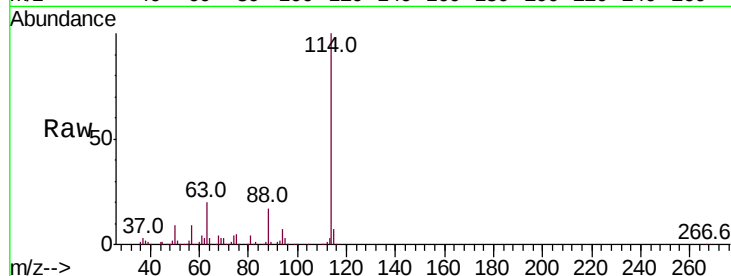
Tot Ion:114 Resp: 1471804

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.2

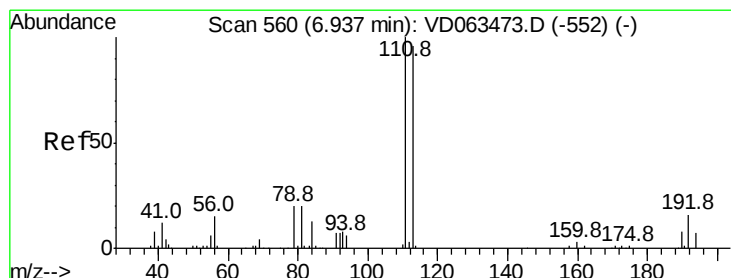
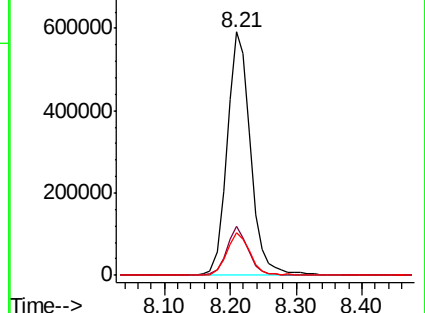
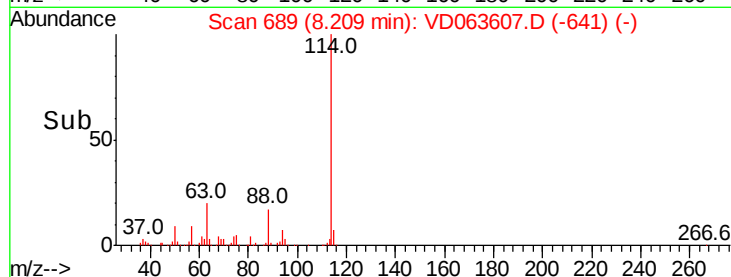
88 17.4 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 43.928 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063607.D

Acq: 15 Aug 2019 16:00

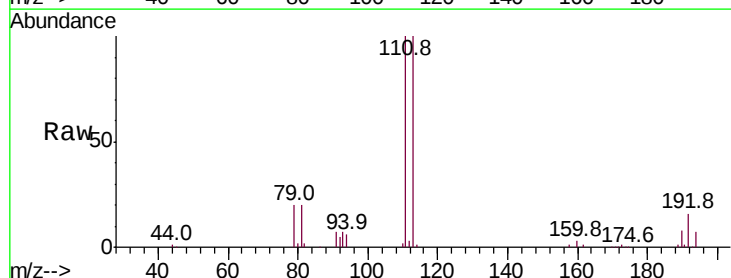
Tgt Ion:113 Resp: 544510

Ion Ratio Lower Upper

113 100

111 99.9 83.1 124.7

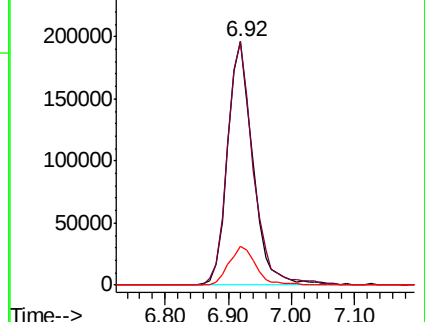
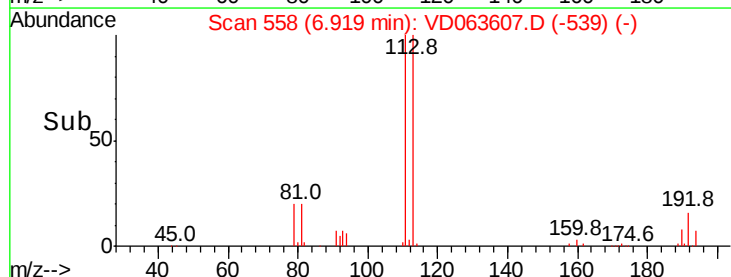
192 16.1 13.1 19.7

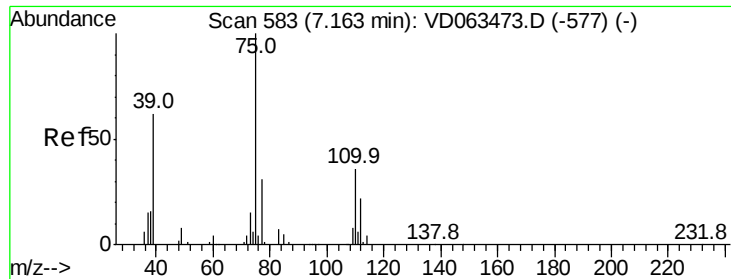


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

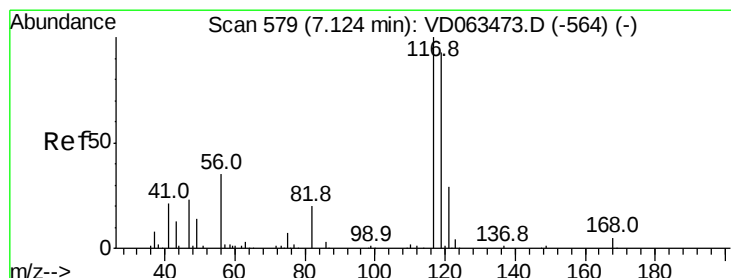
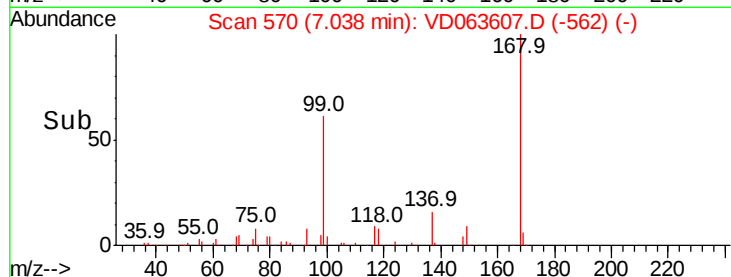
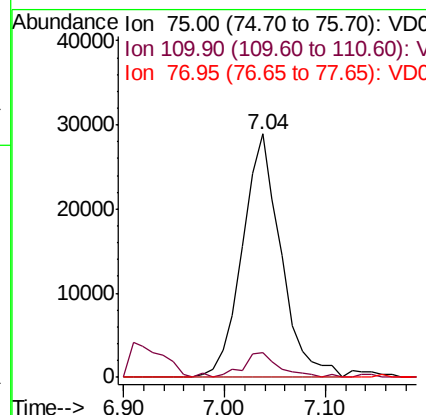
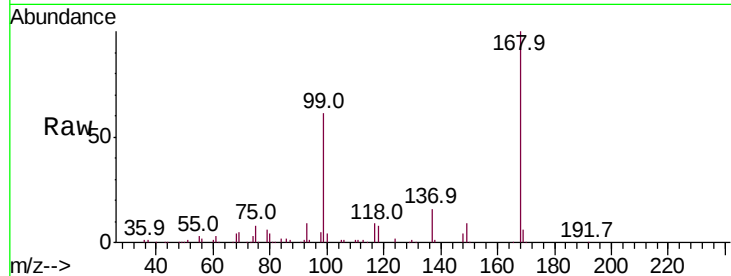




#36
 1,1-Dichloropropene
 Concen: 5.921 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.13 min
 Lab File: VD063607.D
 Acq: 15 Aug 2019 16:00

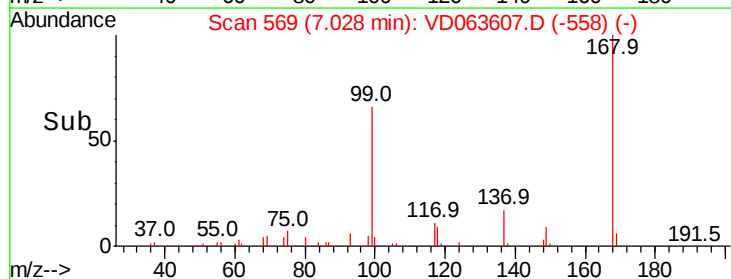
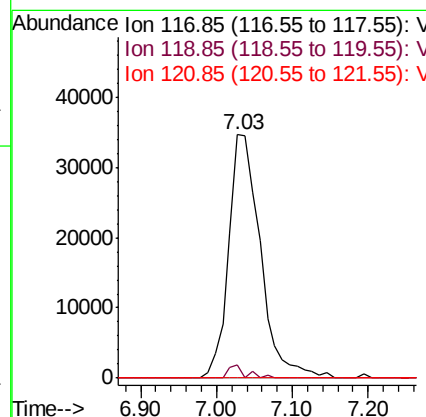
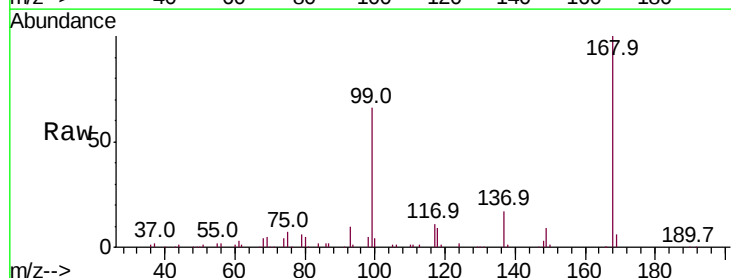
Instrument :
 MSVOA_D
 ClientSampleId :

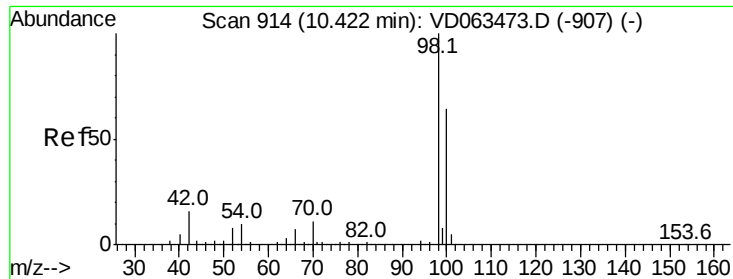
Tot Ion: 75 Resp: 77042
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.6 52.8#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.138 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.10 min
 Lab File: VD063607.D
 Acq: 15 Aug 2019 16:00

Tgt Ion: 117 Resp: 100750
 Ion Ratio Lower Upper
 117 100
 119 5.4 74.2 111.2#
 121 0.0 23.1 34.7#

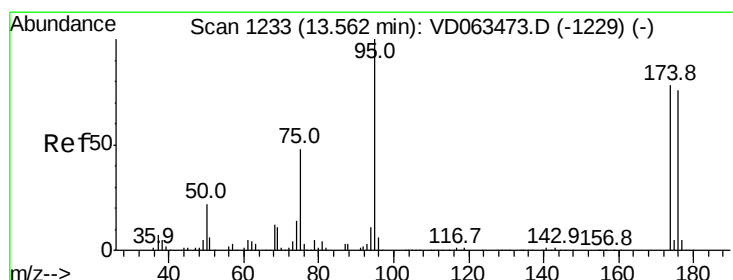
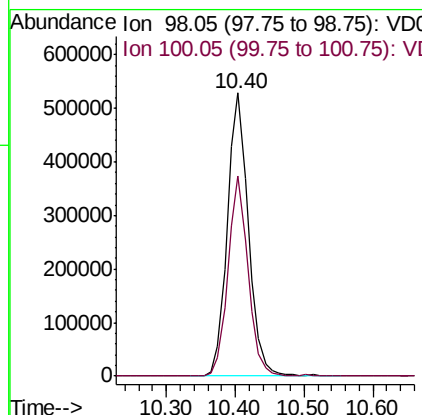
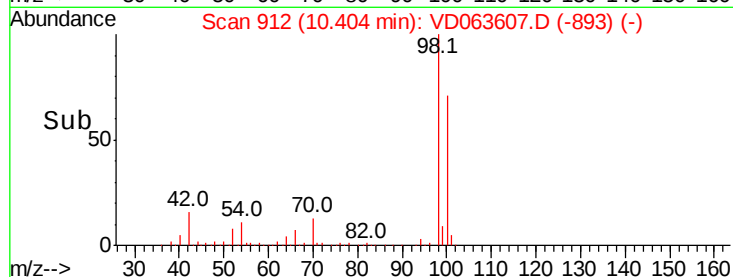
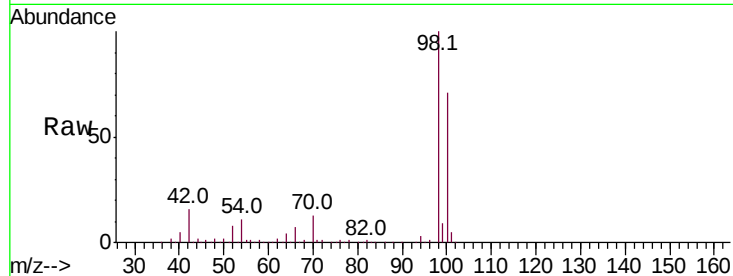




#50
Toluene-d8
Concen: 41.048 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063607.D
Acq: 15 Aug 2019 16:00

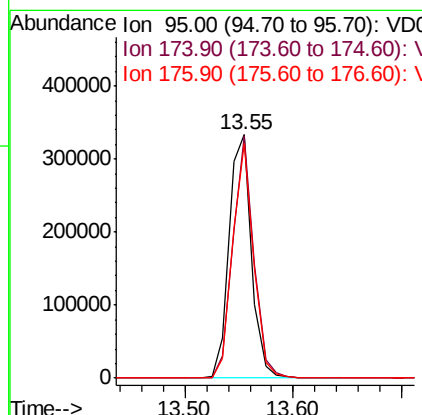
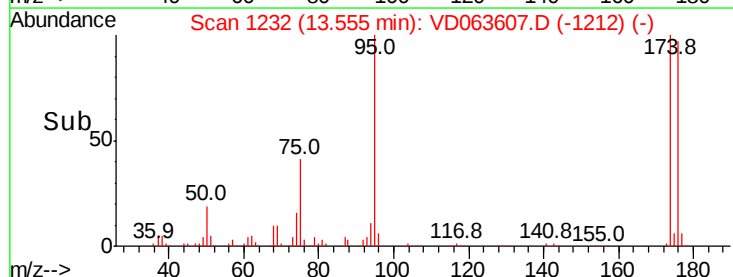
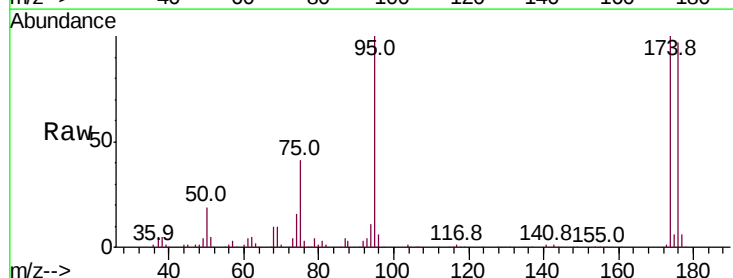
Instrument :
MSVOA_D
ClientSampleId :

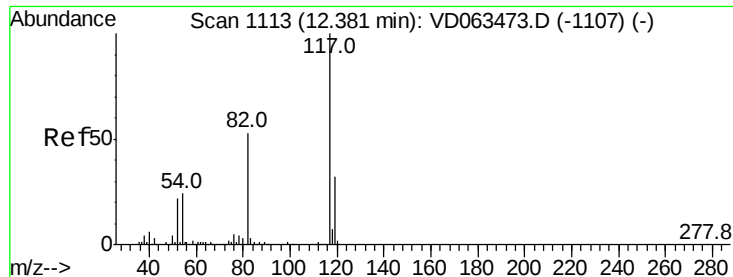
Tot Ion: 98 Resp: 1118668
Ion Ratio Lower Upper
98 100
100 70.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 38.745 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063607.D
Acq: 15 Aug 2019 16:00

Tgt Ion: 95 Resp: 478571
Ion Ratio Lower Upper
95 100
174 99.8 0.0 155.4
176 96.6 0.0 152.4

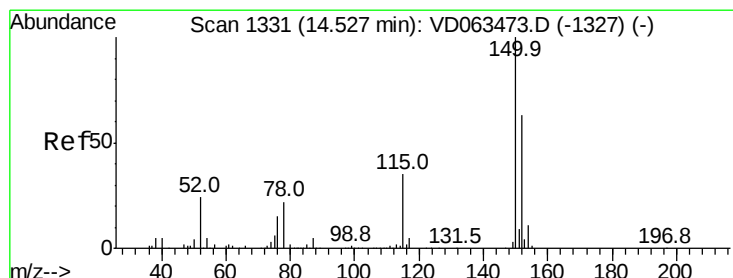
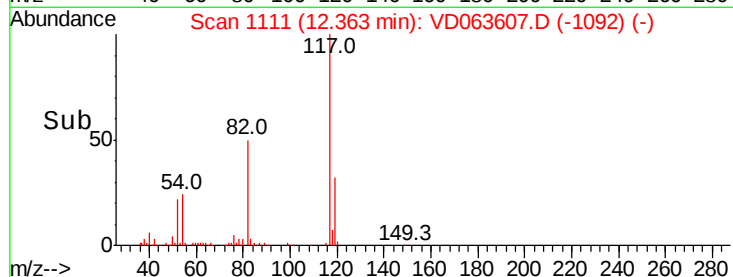
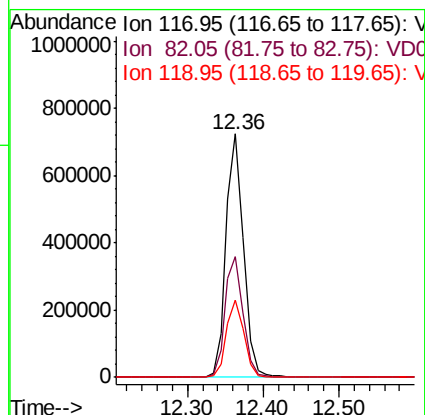
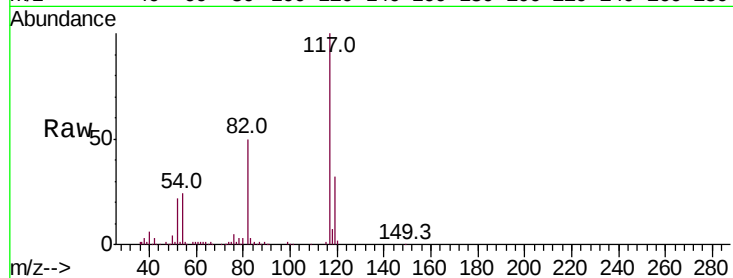




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063607.D
Acq: 15 Aug 2019 16:00

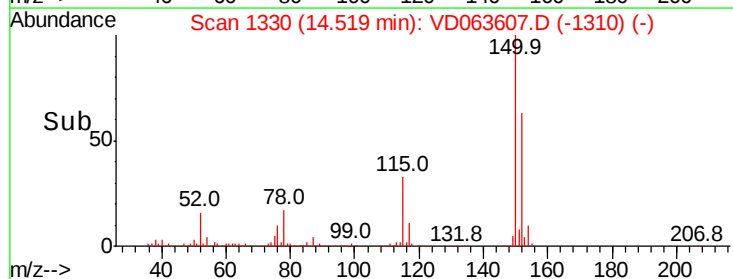
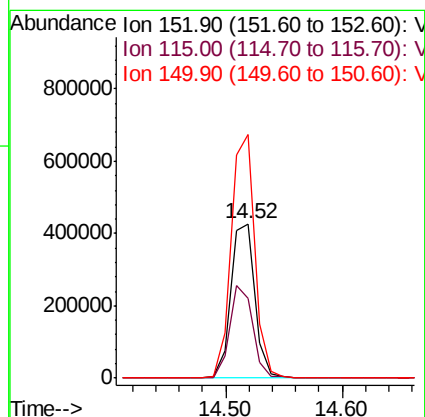
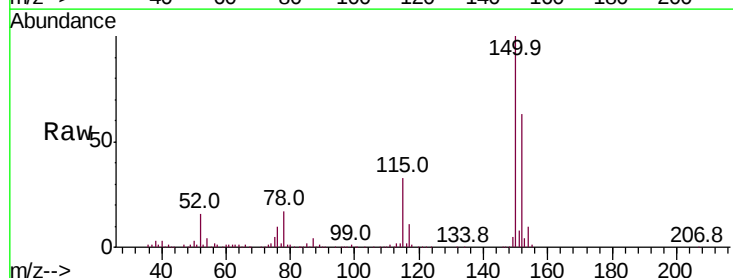
Instrument :
MSVOA_D
ClientSampled :

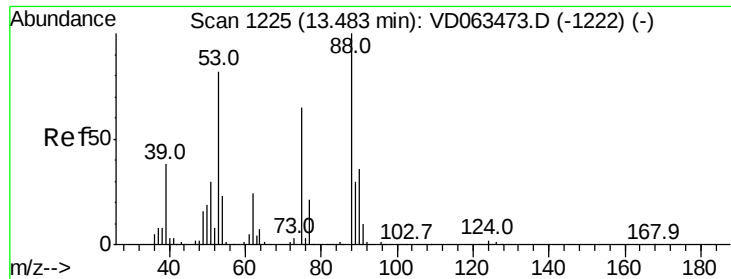
Tot Ion:117 Resp: 1163846
Ion Ratio Lower Upper
117 100
82 49.5 42.0 63.0
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063607.D
Acq: 15 Aug 2019 16:00

Tgt Ion:152 Resp: 611040
Ion Ratio Lower Upper
152 100
115 52.0 30.9 92.7
150 157.7 0.0 318.6





#81

trans-1,4-Dichloro-2-butene

Concen: 114.913 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.06 min

Lab File: VD063607.D

Acq: 15 Aug 2019 16:00

Instrument :

MSVOA_D

ClientSampleId :

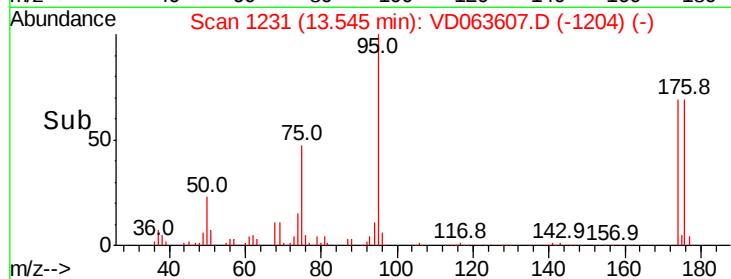
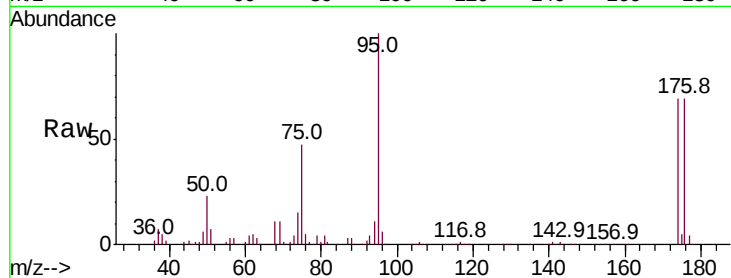
Tot Ion: 75 Resp: 216591

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

89 0.0 37.0 55.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

