

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080219\
 Data File : VD063317.D
 Acq On : 2 Aug 2019 15:28
 Operator : VA/AP
 Sample : K4120-09RE
 Misc : 5.04g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T3-3RE

Quant Time: Aug 04 03:38:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	890470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1377292	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	800518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	213700	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	411724	41.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.34%	
35) Dibromofluoromethane	6.91	113	517107	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	
50) Toluene-d8	10.39	98	1010011	38.38	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	76.76%	
62) 4-Bromofluorobenzene	13.54	95	245829	20.50	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	41.00%	

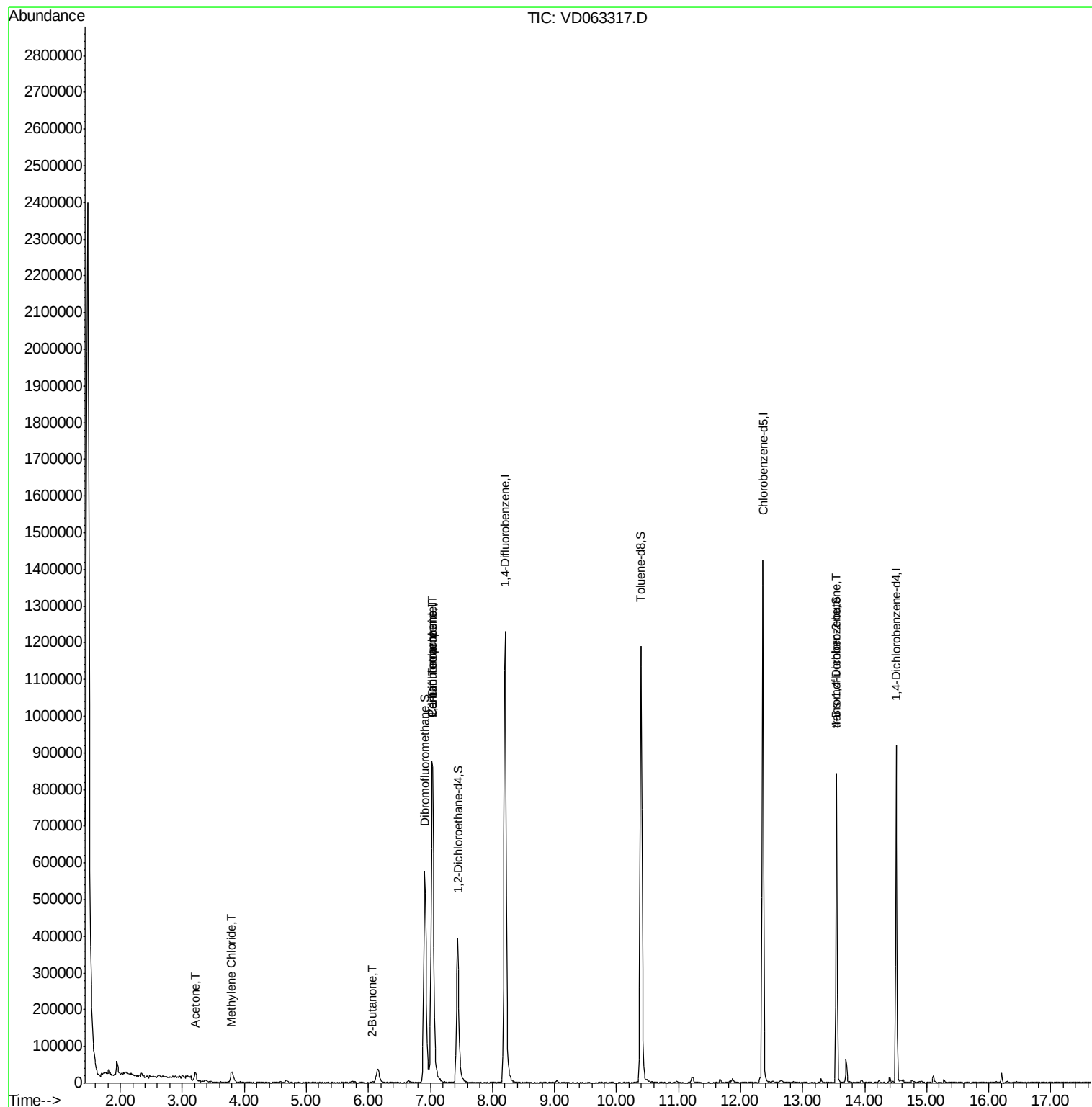
Target Compounds						Qvalue
16) Acetone	3.21	43	48069	24.969	ug/l	99
20) Methylene Chloride	3.80	84	20203	2.596	ug/l #	82
25) 2-Butanone	6.07	43	2720	1.408	ug/l #	56
36) 1,1-Dichloropropene	7.04	75	66159	5.263	ug/l #	53
38) Carbon Tetrachloride	7.04	117	81483	4.306	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.54	75	115702	162.331	ug/l #	3

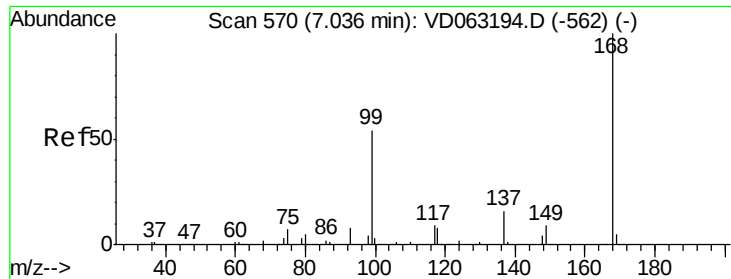
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD063317.D

Acq: 2 Aug 2019 15:28

Instrument :

MSVOA_D

ClientSampleId :

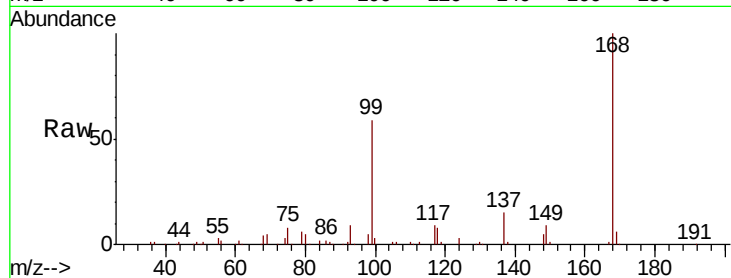
T3-3RE

Tgt Ion:168 Resp: 890470

Ion Ratio Lower Upper

168 100

99 58.6 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

300000

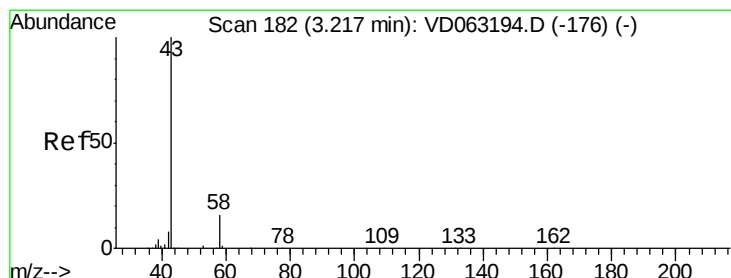
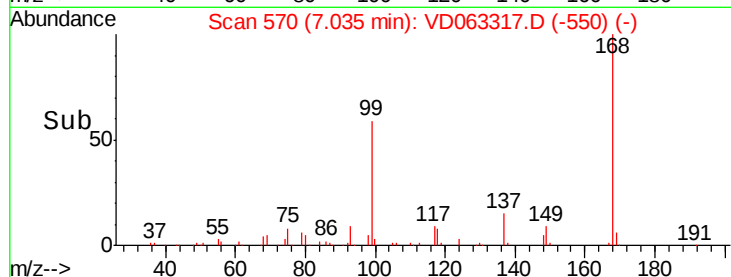
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 24.969 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD063317.D

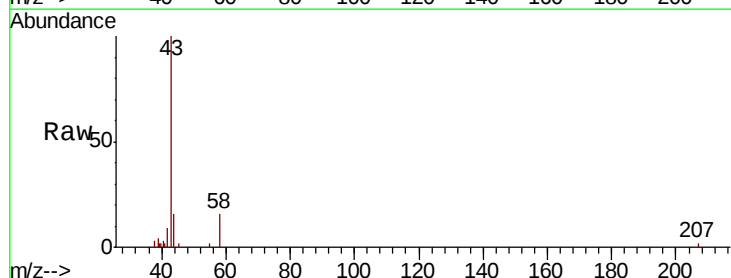
Acq: 2 Aug 2019 15:28

Tgt Ion: 43 Resp: 48069

Ion Ratio Lower Upper

43 100

58 16.5 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

20000

15000

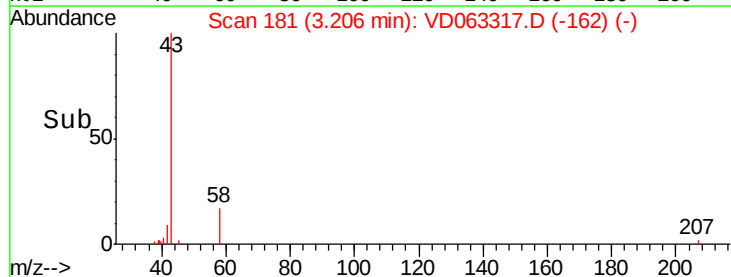
10000

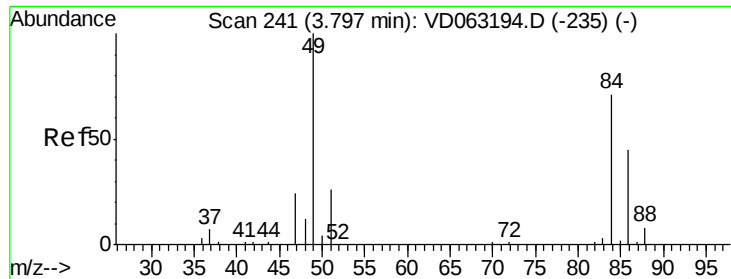
5000

0

3.10 3.20 3.30

Time-->

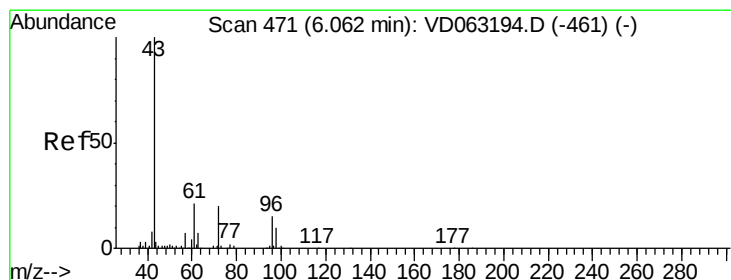
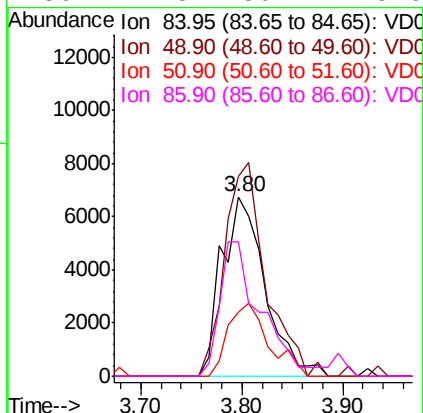
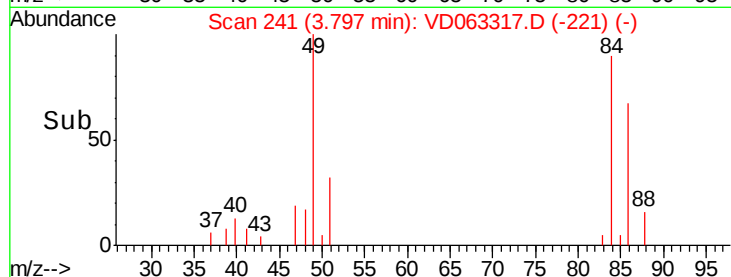
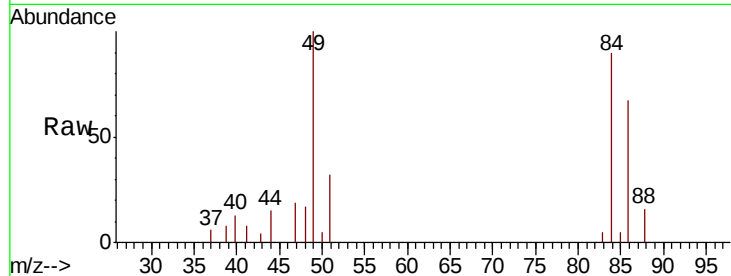




#20
Methylene Chloride
Concen: 2.596 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD063317.D
Acq: 2 Aug 2019 15:28

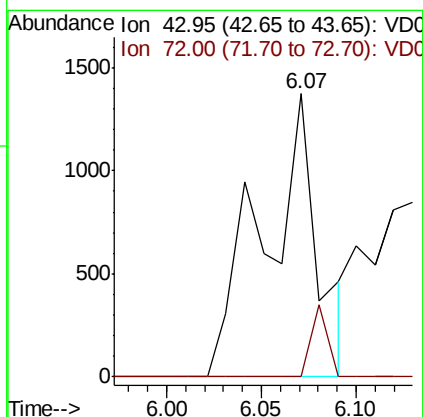
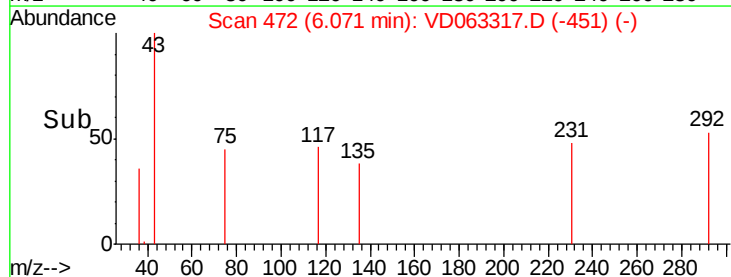
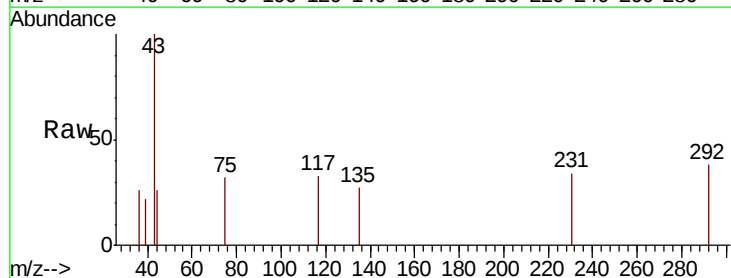
Instrument :
MSVOA_D
ClientSampleId :
T3-3RE

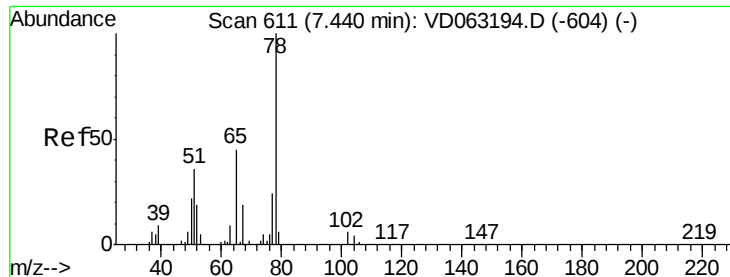
Tgt Ion: 84 Resp: 20203
Ion Ratio Lower Upper
84 100
49 111.4 112.5 168.7#
51 35.4 29.6 44.4
86 74.8 50.4 75.6



#25
2-Butanone
Concen: 1.408 ug/l
RT: 6.07 min Scan# 472
Delta R.T. 0.01 min
Lab File: VD063317.D
Acq: 2 Aug 2019 15:28

Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
72 0.0 16.3 24.5#

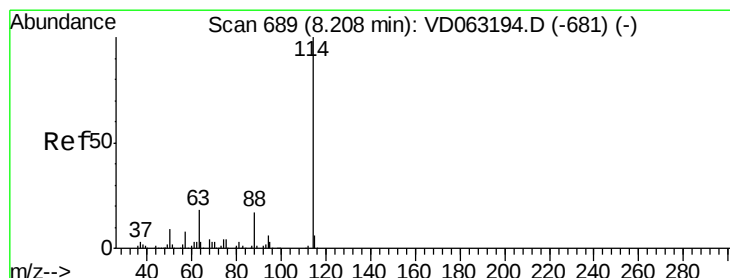
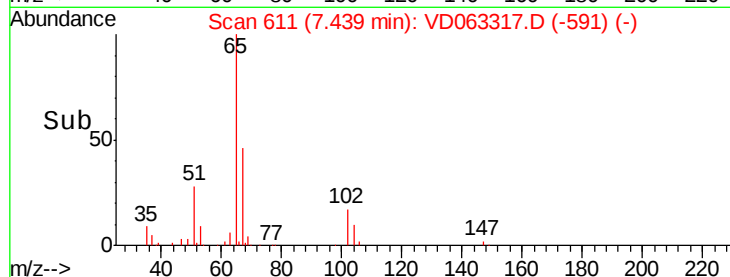
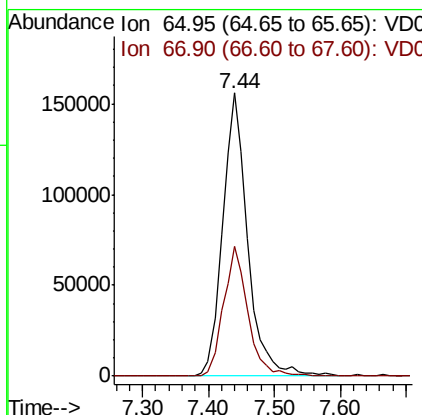
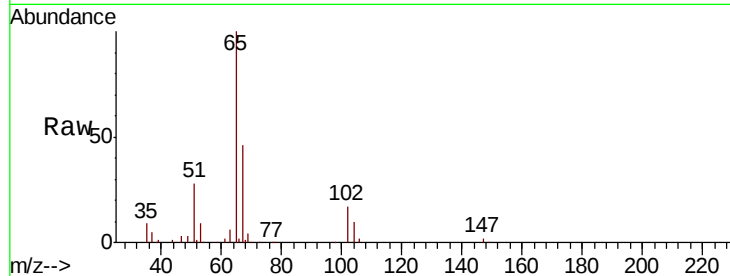




#33
 1,2-Dichloroethane-d4
 Concen: 41.670 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VD063317.D
 Acq: 2 Aug 2019 15:28

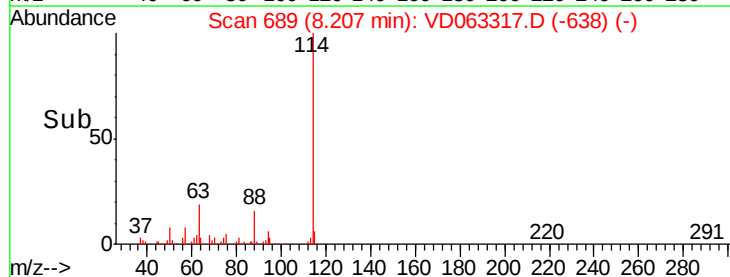
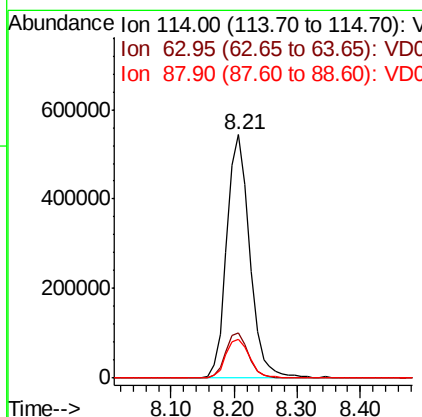
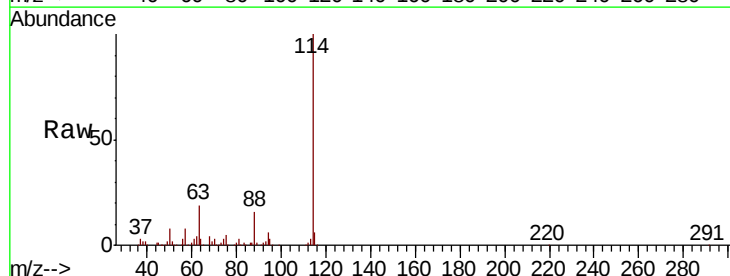
Instrument :
 MSVOA_D
 ClientSampleId :
 T3-3RE

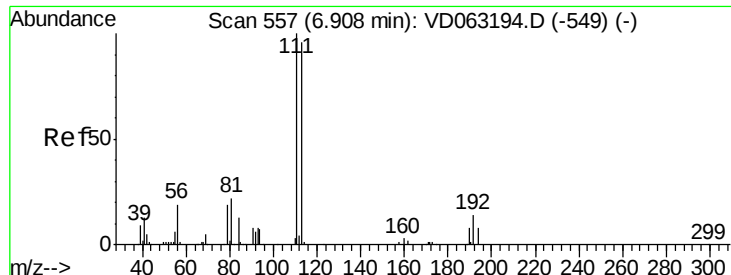
Tgt Ion: 65 Resp: 411724
 Ion Ratio Lower Upper
 65 100
 67 45.7 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD063317.D
 Acq: 2 Aug 2019 15:28

Tgt Ion: 114 Resp: 1377292
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 35.2
 88 16.2 0.0 34.6





#35

Dibromofluoromethane

Concen: 43.975 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.00 min

Lab File: VD063317.D

Acq: 2 Aug 2019 15:28

Instrument :

MSVOA_D

ClientSampleId :

T3-3RE

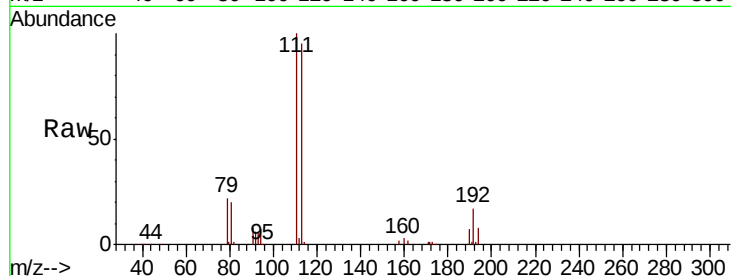
Tgt Ion:113 Resp: 517107

Ion Ratio Lower Upper

113 100

111 105.0 83.2 124.8

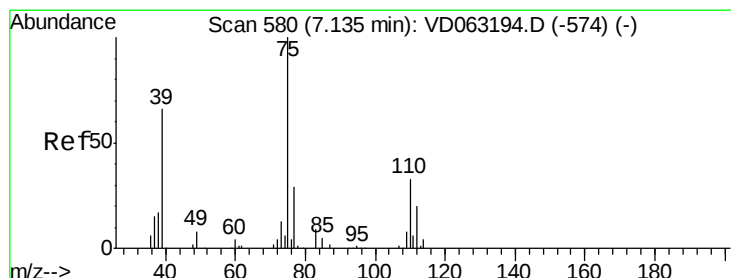
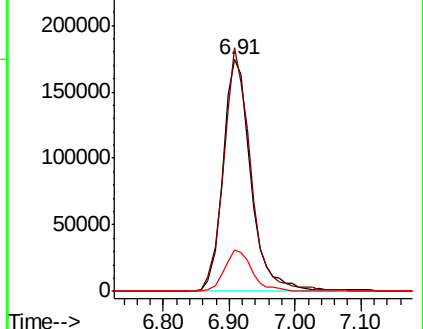
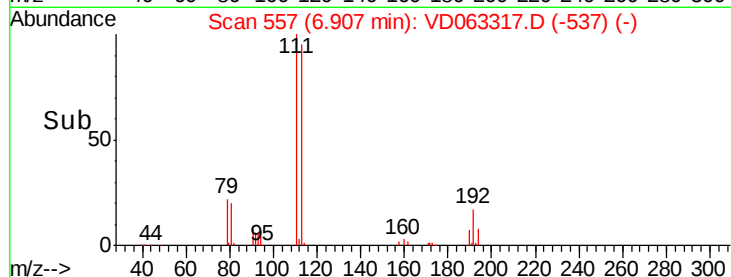
192 17.7 11.8 17.8



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: 5.263 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.10 min

Lab File: VD063317.D

Acq: 2 Aug 2019 15:28

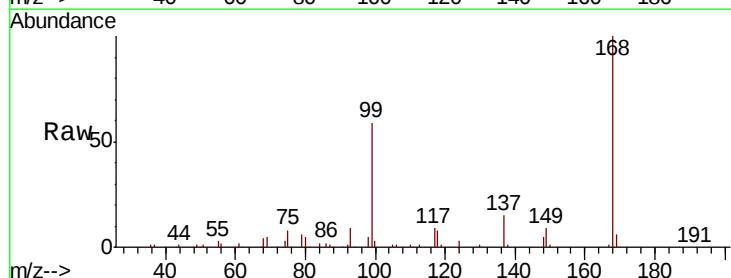
Tgt Ion: 75 Resp: 66159

Ion Ratio Lower Upper

75 100

110 9.3 16.1 48.2#

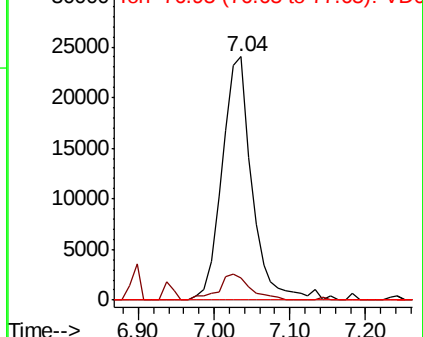
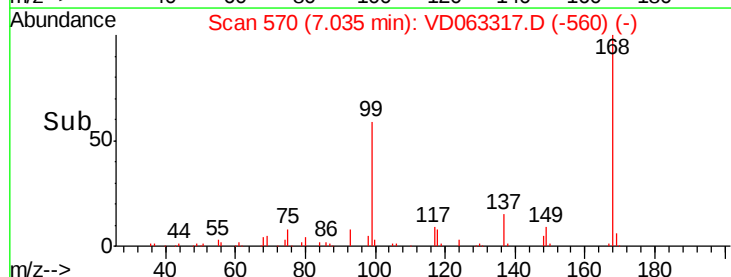
77 0.0 22.7 34.1#

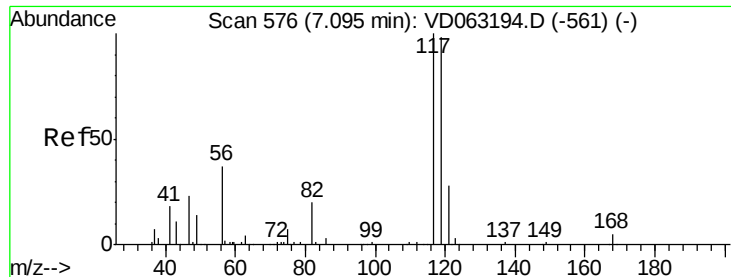


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 4.306 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD063317.D

Acq: 2 Aug 2019 15:28

Instrument :

MSVOA_D

ClientSampleId :

T3-3RE

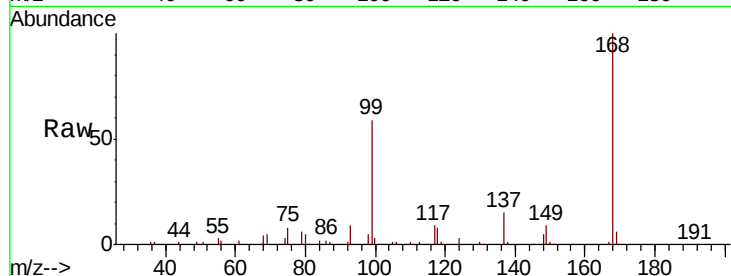
Tgt Ion:117 Resp: 81483

Ion Ratio Lower Upper

117 100

119 6.7 78.2 117.2#

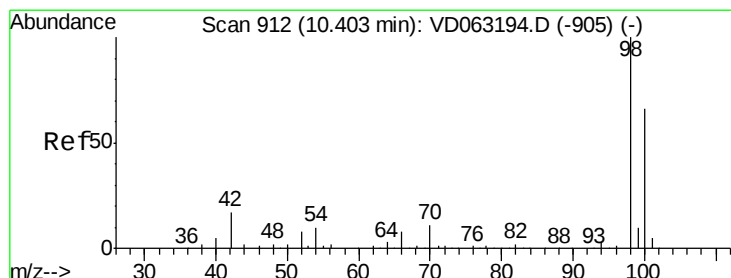
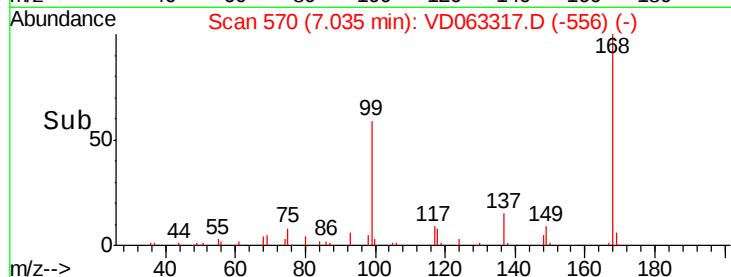
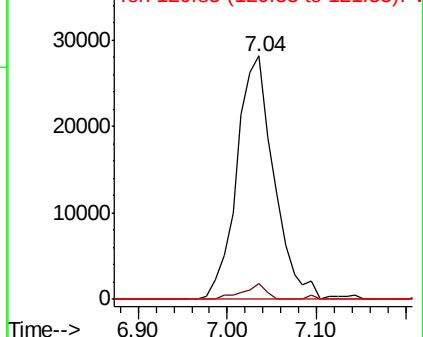
121 0.0 22.1 33.1#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: 38.379 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD063317.D

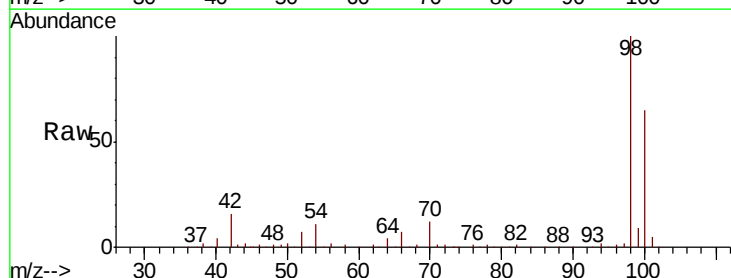
Acq: 2 Aug 2019 15:28

Tgt Ion: 98 Resp: 1010011

Ion Ratio Lower Upper

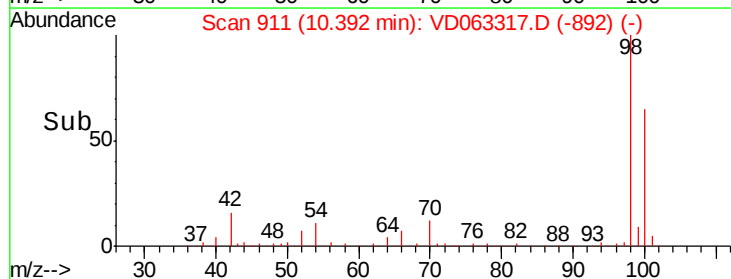
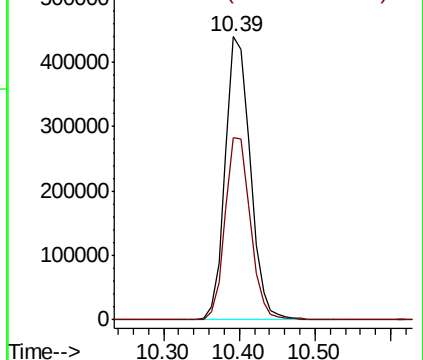
98 100

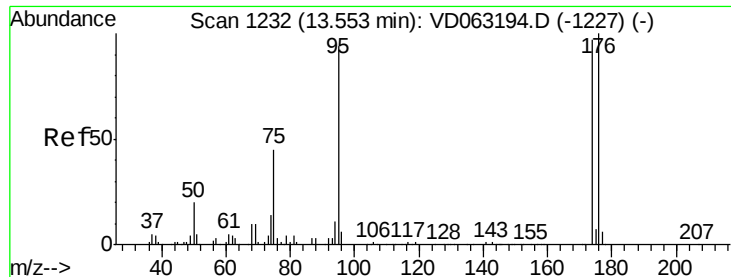
100 64.6 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

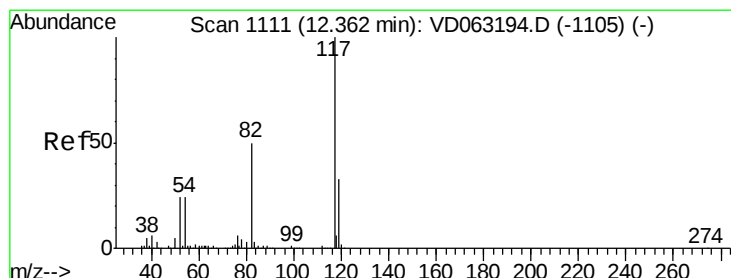
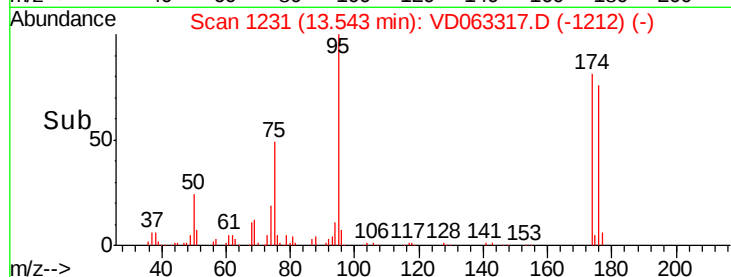
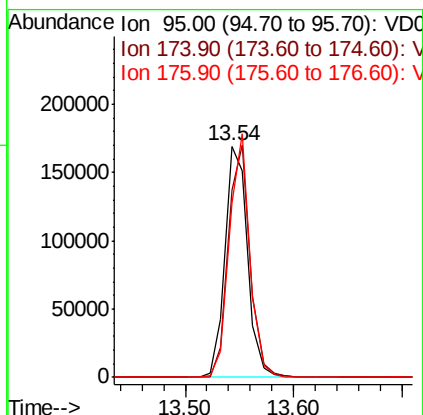
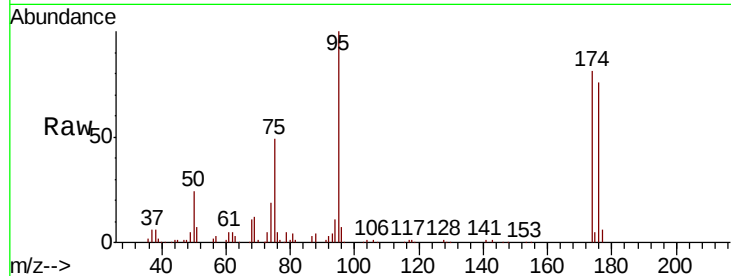




#62
4-Bromofluorobenzene
Concen: 20.499 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063317.D
Acq: 2 Aug 2019 15:28

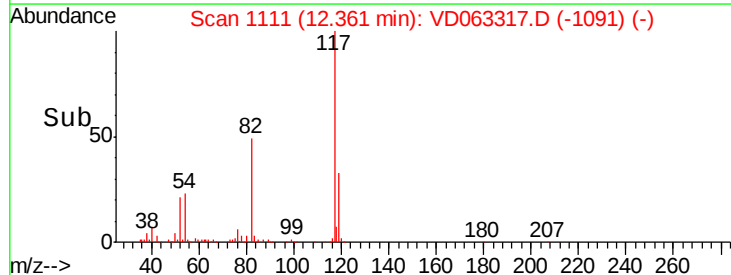
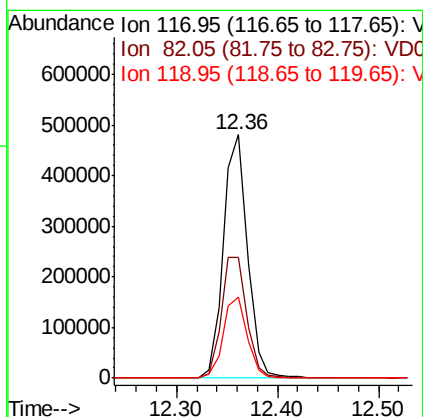
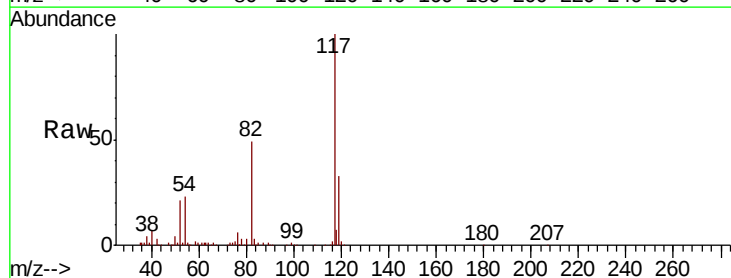
Instrument :
MSVOA_D
ClientSampled :
T3-3RE

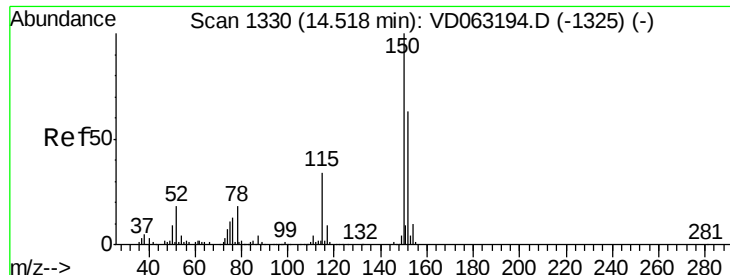
Tgt Ion: 95 Resp: 245829
Ion Ratio Lower Upper
95 100
174 81.2 0.0 205.4
176 75.7 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063317.D
Acq: 2 Aug 2019 15:28

Tgt Ion: 117 Resp: 800518
Ion Ratio Lower Upper
117 100
82 49.4 40.1 60.1
119 33.1 26.5 39.7

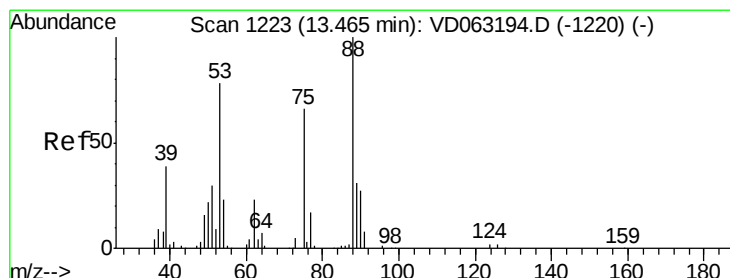
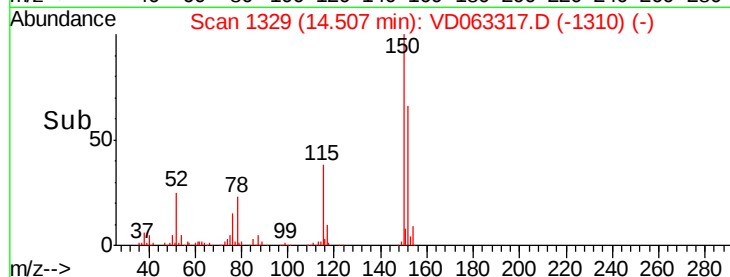
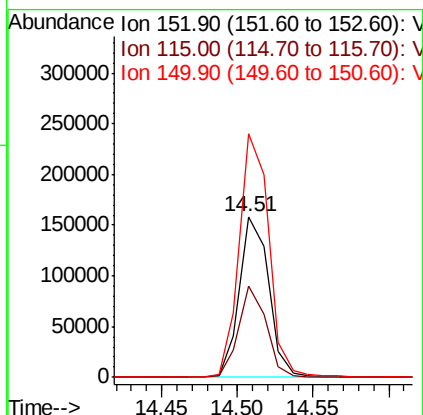
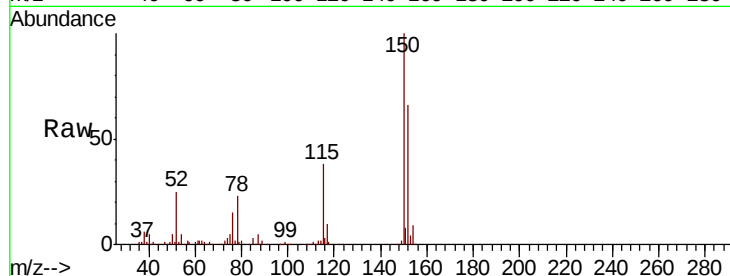




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD063317.D
 Acq: 2 Aug 2019 15:28

Instrument :
 MSVOA_D
 ClientSampleId :
 T3-3RE

Tgt Ion:152 Resp: 213700
 Ion Ratio Lower Upper
 152 100
 115 56.9 27.5 82.4
 150 151.4 0.0 320.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 162.331 ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. 0.08 min
 Lab File: VD063317.D
 Acq: 2 Aug 2019 15:28

Tgt Ion: 75 Resp: 115702
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.9 142.3#
 89 0.0 37.4 56.0#

