

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041119\
 Data File : VX008852.D
 Acq On : 11 Apr 2019 15:21
 Operator : JC/SP
 Sample : K2338-12
 Misc : 4.94g/5mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-SHALLOW

Quant Time: Apr 12 07:35:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	267292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	235582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109279	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	109588	45.91	ug/l	0.00
Spiked Amount			Recovery	=	91.82%	
35) Dibromofluoromethane	5.50	113	75347	44.09	ug/l	0.00
Spiked Amount			Recovery	=	88.18%	
50) Toluene-d8	8.71	98	335246	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.14	95	118568	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	

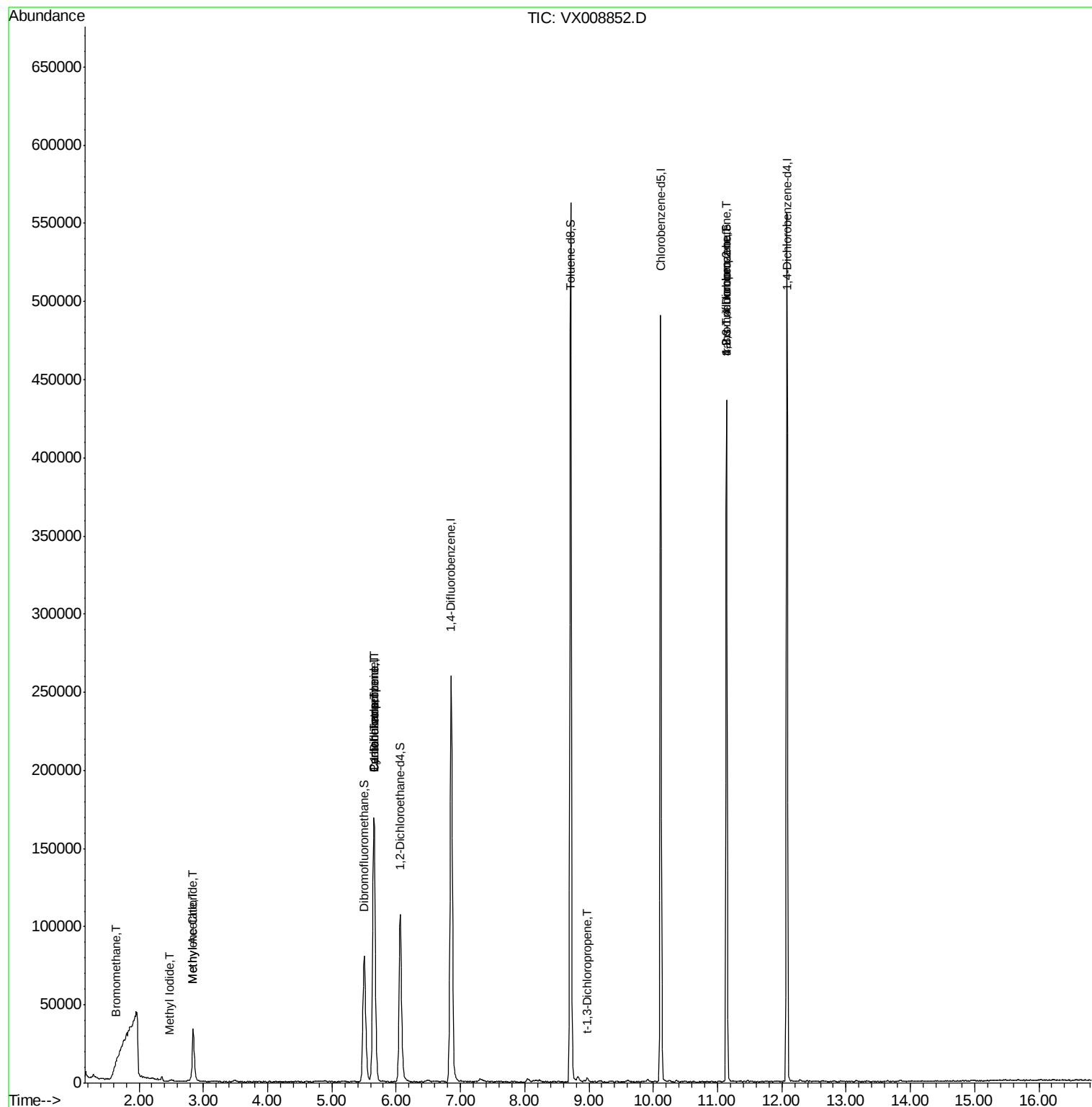
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	377	Below Cal	#	83
5) Bromomethane	1.64	94	774	2.479	ug/l	99
6) Chloroethane	1.71	64	130	Below Cal	#	79
10) Methyl Iodide	2.48	142	508	4.286	ug/l #	84
17) Carbon Disulfide	2.53	76	631	Below Cal	#	81
18) Methyl Acetate	2.83	43	3451	1.035	ug/l #	56
20) Methylene Chloride	2.84	84	15123	6.572	ug/l	96
28) Bromochloromethane	4.98	49	58	Below Cal	#	22
31) Cyclohexane	5.65	56	3738	0.906	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13568	4.644	ug/l #	51
38) Carbon Tetrachloride	5.66	117	15700	6.492	ug/l #	16
53) t-1,3-Dichloropropene	8.97	75	1346	0.442	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	60338	20.099	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.14	75	60338	55.405	ug/l #	9

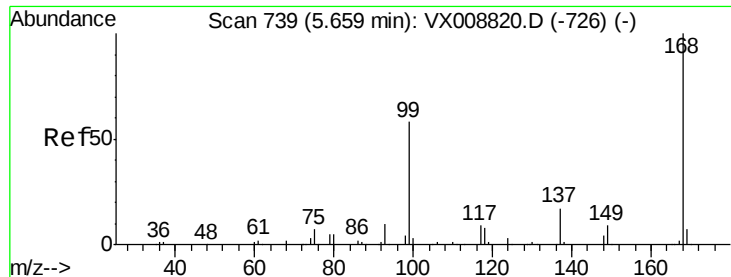
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX041119\
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Acq On : 11 Apr 2019 15:21
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Instrument :
MSVOA_X
ClientSampled :
TP-3-SHALLOW

Quant Time: Apr 12 07:35:08 2019
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008852.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

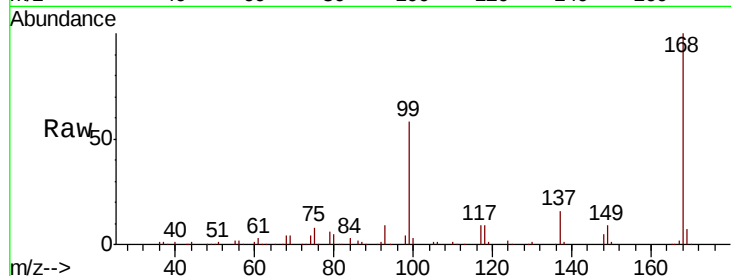
TP-3-SHALLOW

Tgt Ion:168 Resp: 163649

Ion Ratio Lower Upper

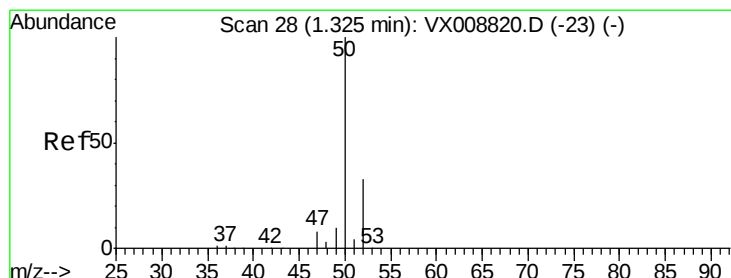
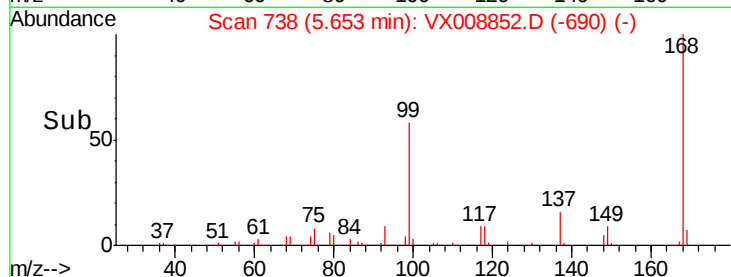
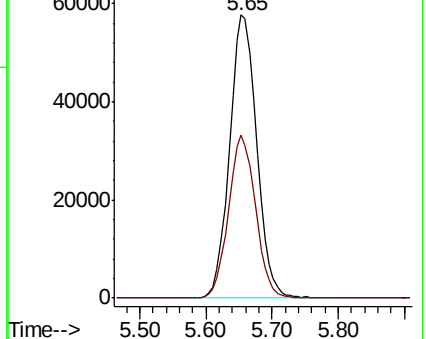
168 100

99 57.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008852.D

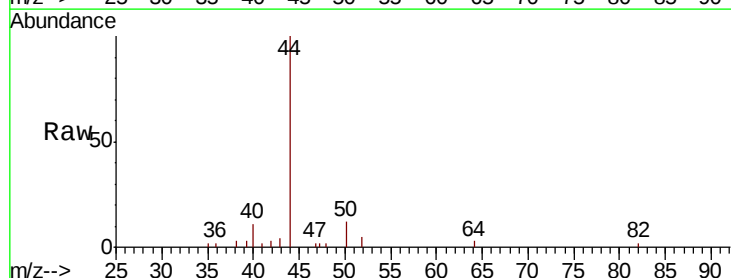
Acq: 11 Apr 2019 15:21

Tgt Ion: 50 Resp: 377

Ion Ratio Lower Upper

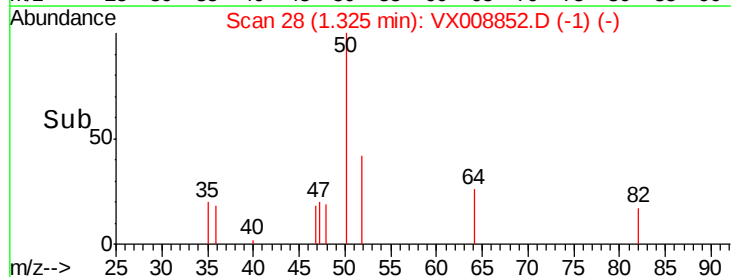
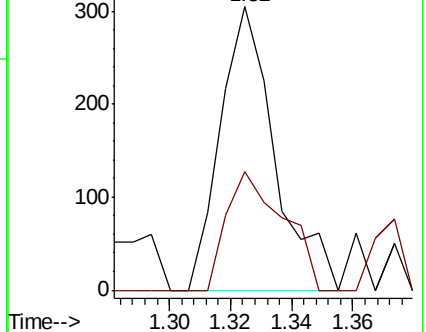
50 100

52 42.0 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 2.479 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008852.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

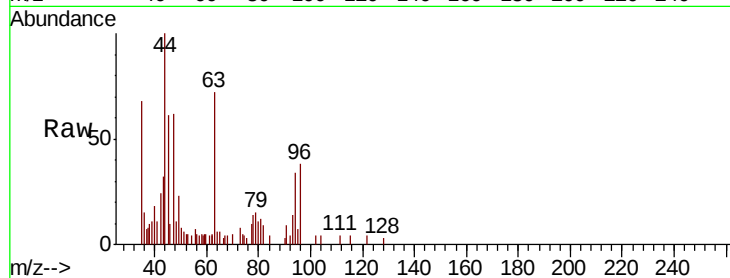
TP-3-SHALLOW

Tgt Ion: 94 Resp: 774

Ion Ratio Lower Upper

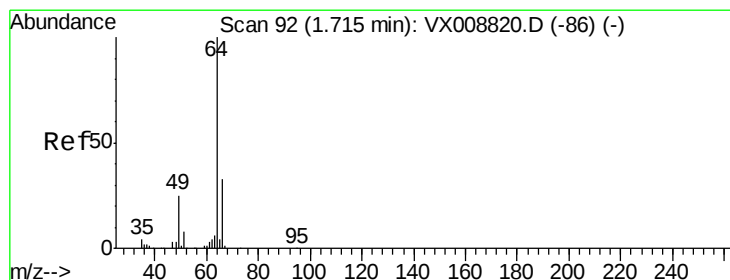
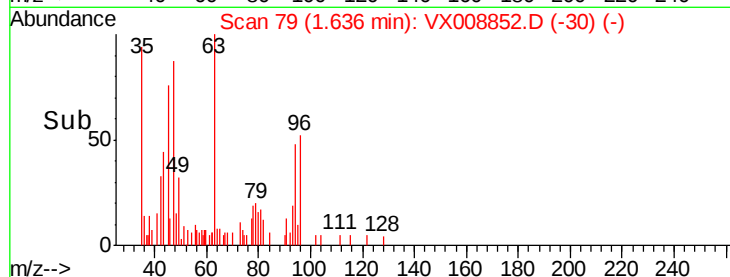
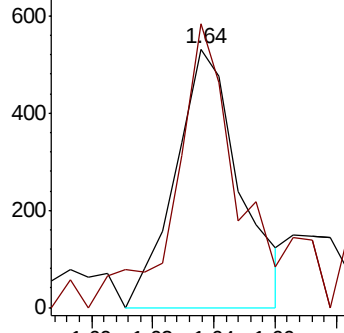
94 100

96 95.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008852.D

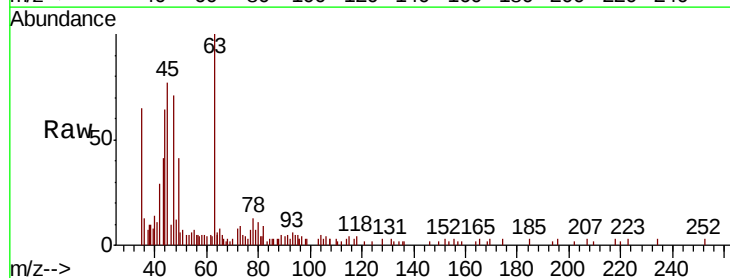
Acq: 11 Apr 2019 15:21

Tgt Ion: 64 Resp: 130

Ion Ratio Lower Upper

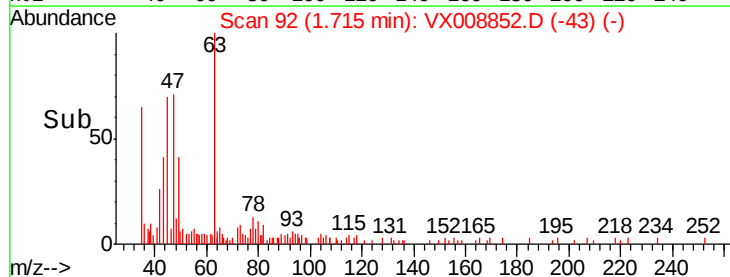
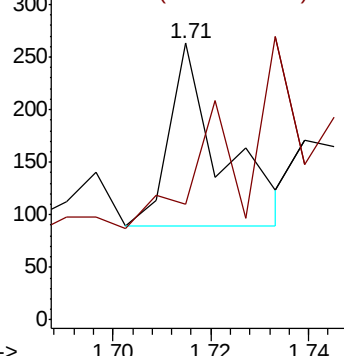
64 100

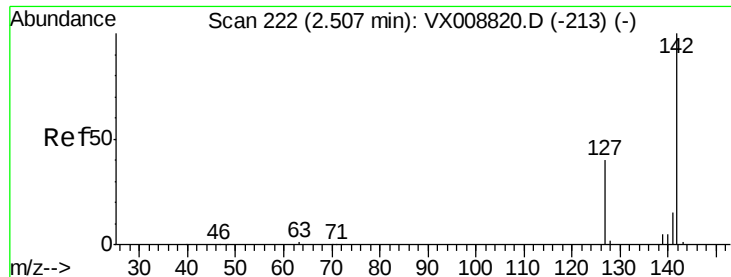
66 20.1 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

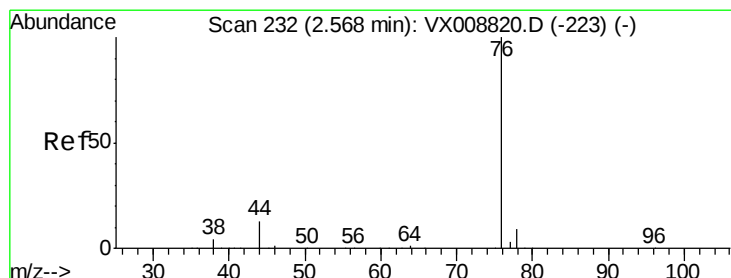
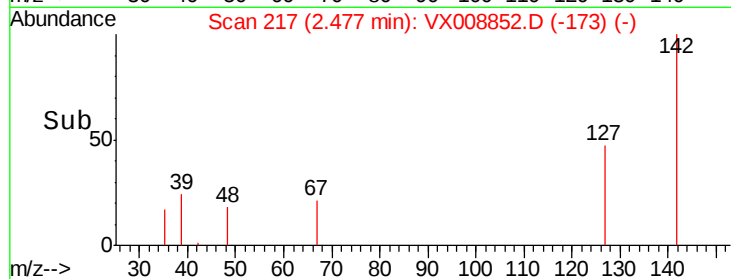
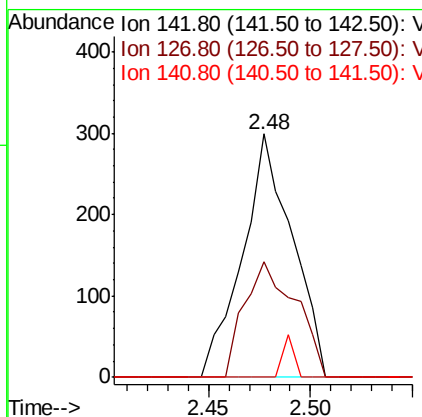
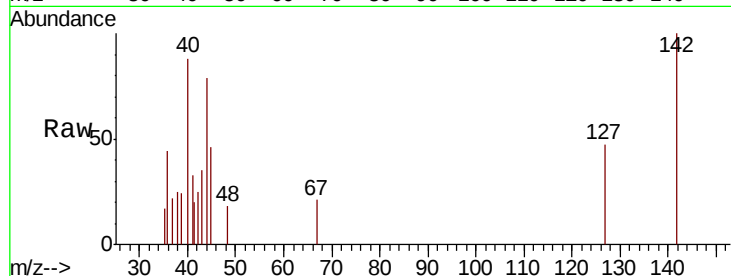




#10
Methyl Iodide
Concen: 4.286 ug/l
RT: 2.48 min Scan# 217
Delta R.T. -0.03 min
Lab File: VX008852.D
Acq: 11 Apr 2019 15:21

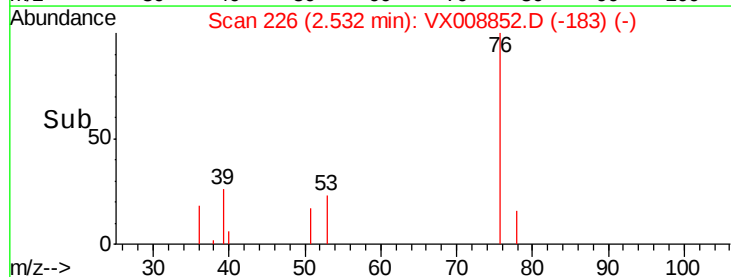
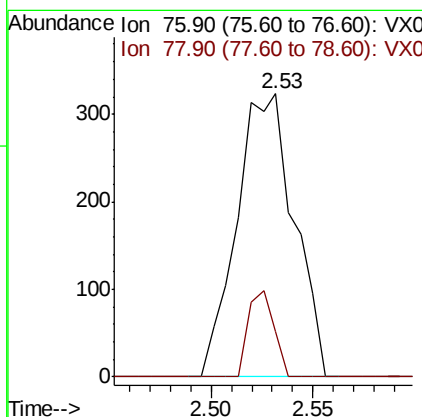
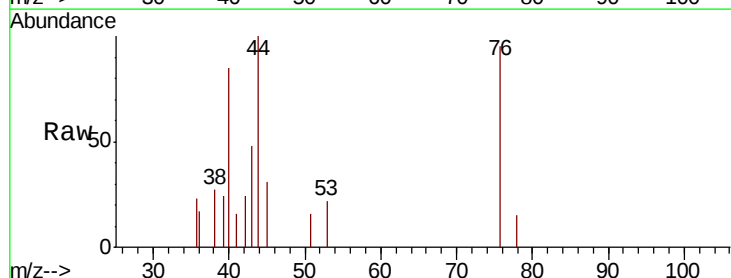
Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

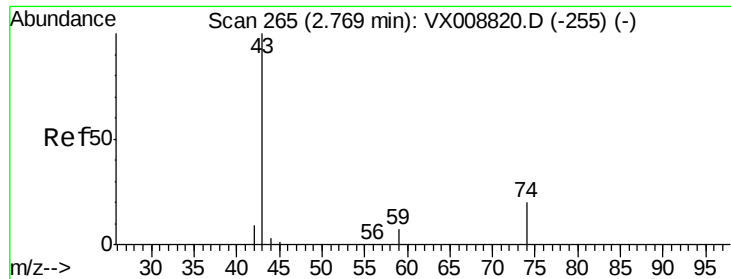
Tgt Ion: 142 Resp: 508
Ion Ratio Lower Upper
142 100
127 48.8 33.0 49.6
141 3.7 11.4 17.2#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.53 min Scan# 226
Delta R.T. -0.04 min
Lab File: VX008852.D
Acq: 11 Apr 2019 15:21

Tgt Ion: 76 Resp: 631
Ion Ratio Lower Upper
76 100
78 15.8 7.1 10.7#

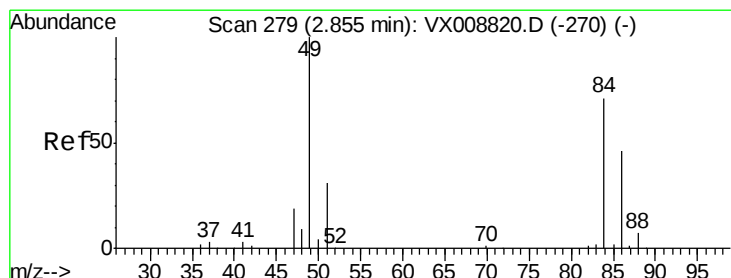
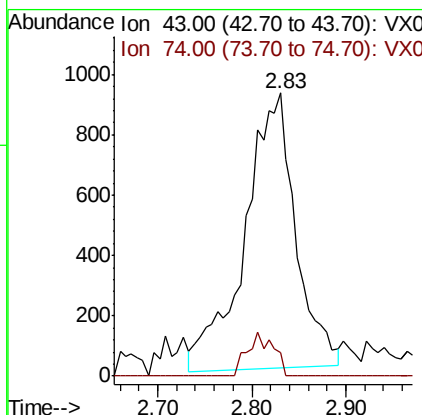
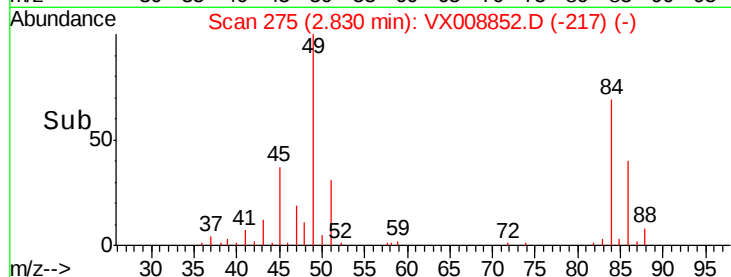
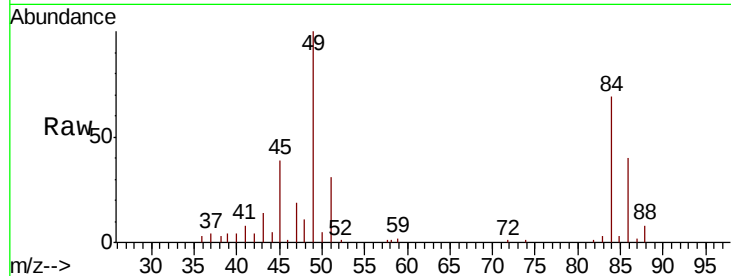




#18
Methyl Acetate
Concen: 1.035 ug/l
RT: 2.83 min Scan# 275
Delta R.T. 0.05 min
Lab File: VX008852.D
Acq: 11 Apr 2019 15:21

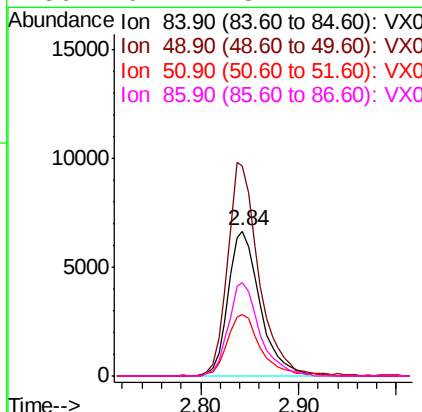
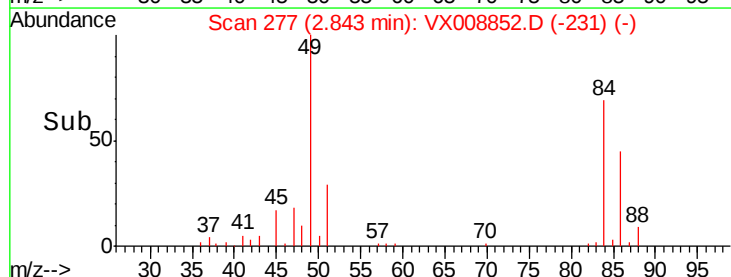
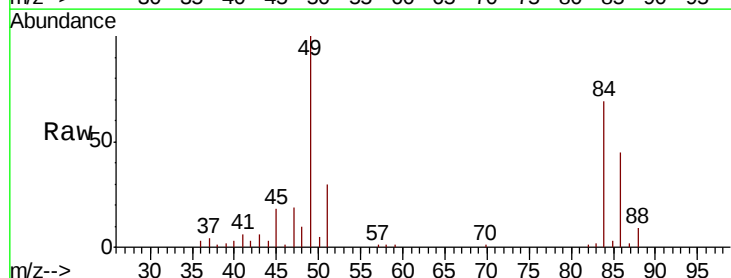
Instrument :
MSVOA_X
ClientSampled :
TP-3-SHALLOW

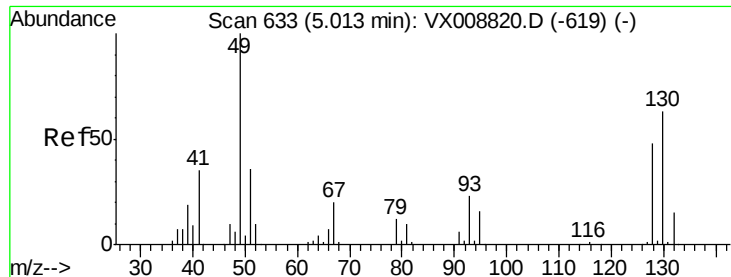
Tgt Ion: 43 Resp: 3451
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#20
Methylene Chloride
Concen: 6.572 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX008852.D
Acq: 11 Apr 2019 15:21

Tgt Ion: 84 Resp: 15123
Ion Ratio Lower Upper
84 100
49 144.6 109.7 164.5
51 42.9 33.6 50.4
86 64.4 51.4 77.2





#28

Bromochloromethane

Concen: Below Cal

RT: 4.98 min Scan# 627

Delta R.T. -0.04 min

Lab File: VX008852.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

TP-3-SHALLOW

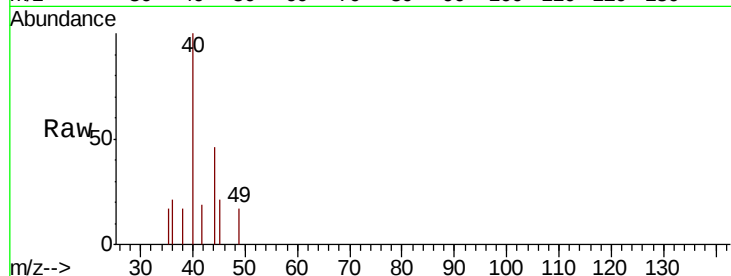
Tgt Ion: 49 Resp: 58

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

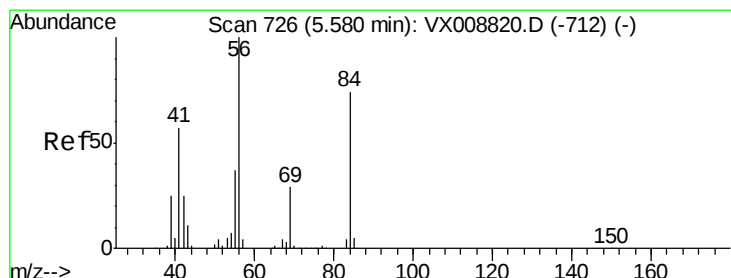
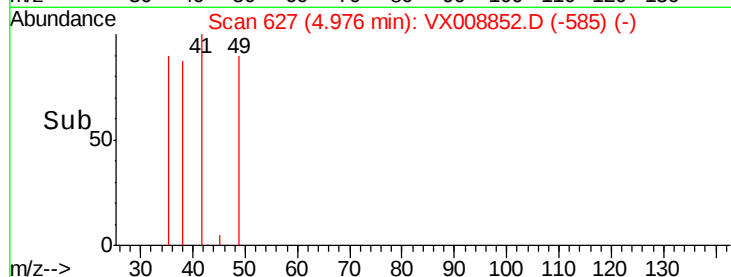
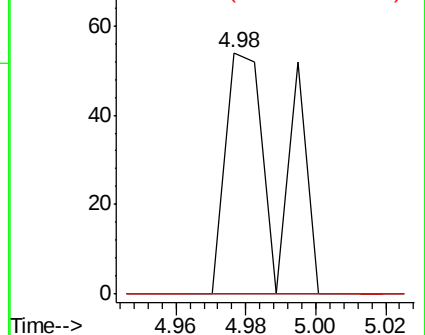
130 0.0 49.3 73.9#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 0.906 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.07 min

Lab File: VX008852.D

Acq: 11 Apr 2019 15:21

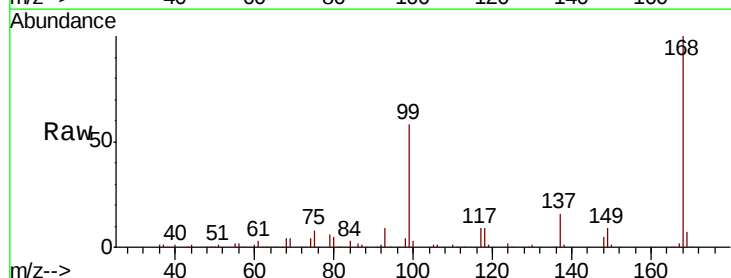
Tgt Ion: 56 Resp: 3738

Ion Ratio Lower Upper

56 100

69 175.9 22.6 33.8#

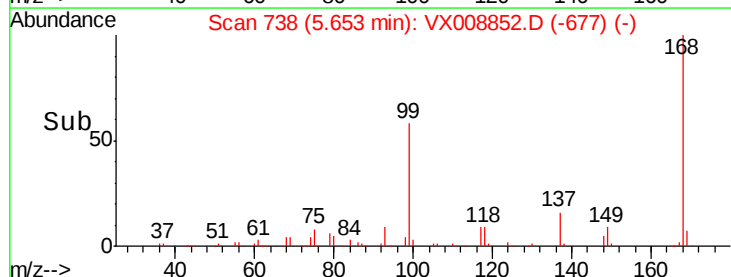
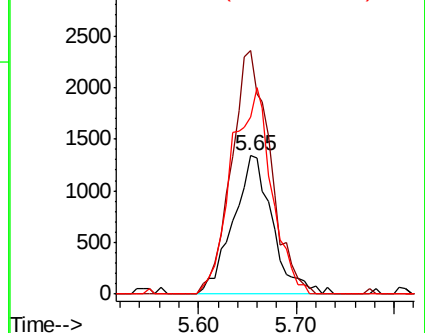
84 128.4 59.3 88.9#

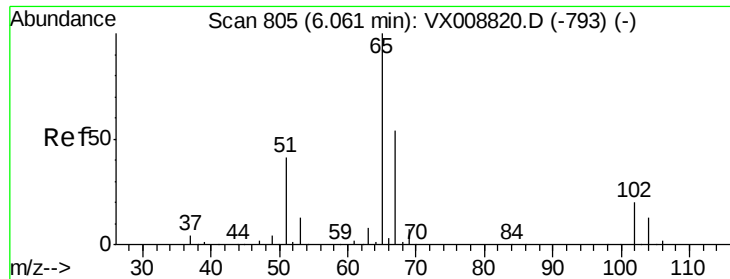


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

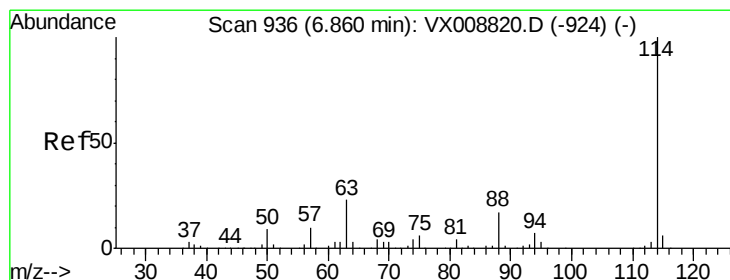
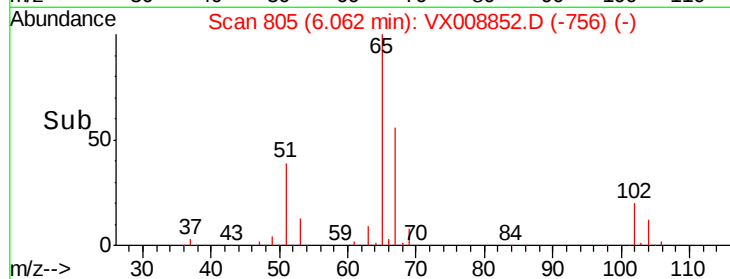
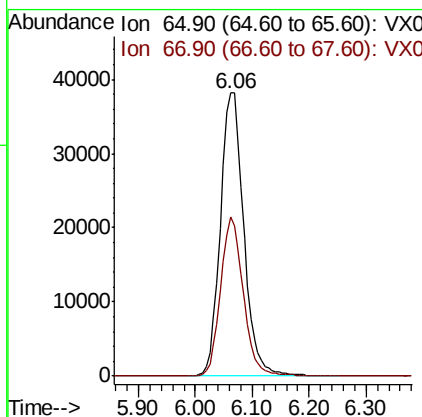
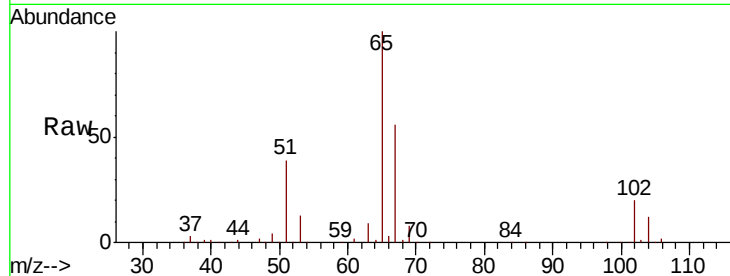




#33
 1,2-Dichloroethane-d4
 Concen: 45.912 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008852.D
 Acq: 11 Apr 2019 15:21

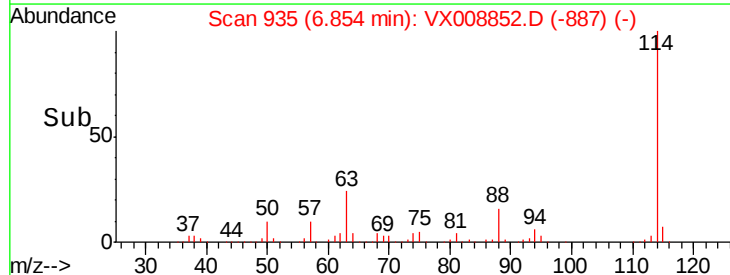
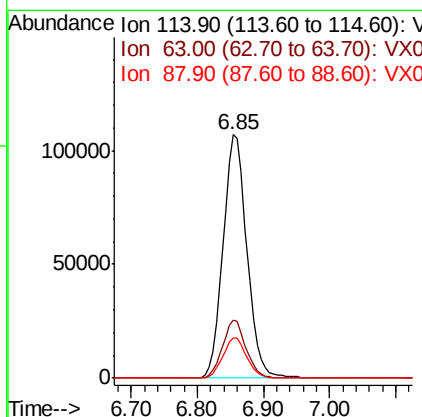
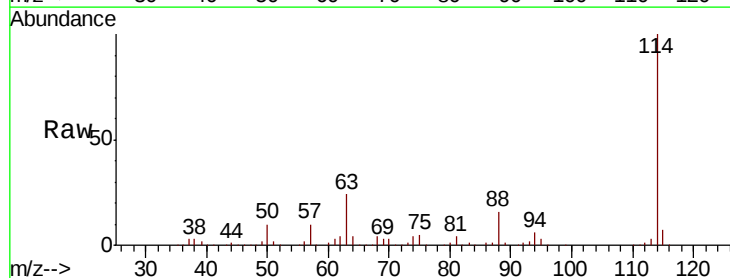
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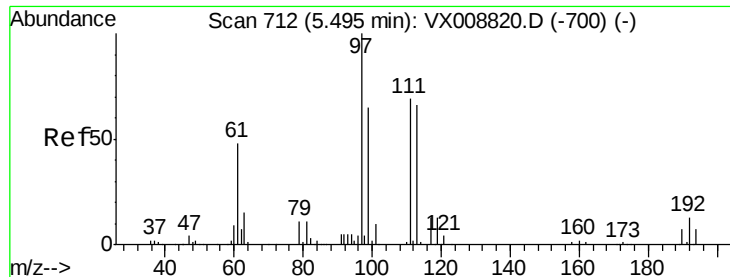
Tgt Ion: 65 Resp: 109588
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008852.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 114 Resp: 267292
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 47.2
 88 16.4 0.0 34.0

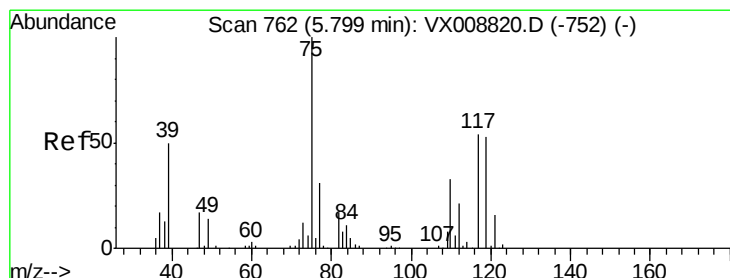
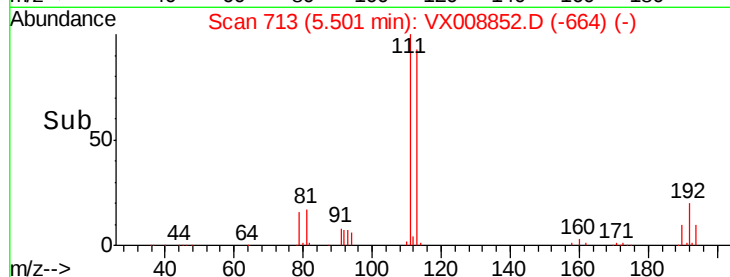
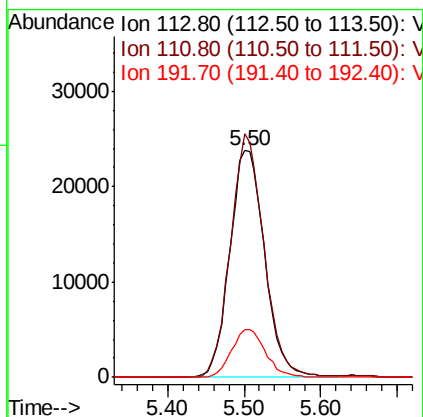
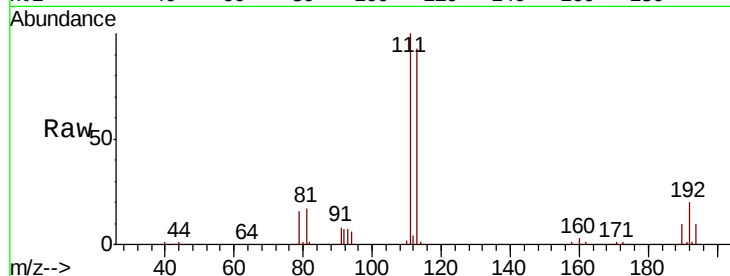




#35
 Dibromofluoromethane
 Concen: 44.089 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008852.D
 Acq: 11 Apr 2019 15:21

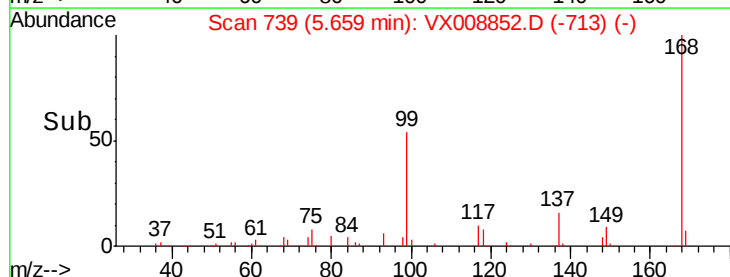
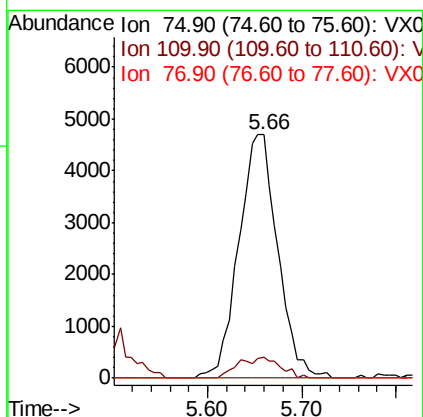
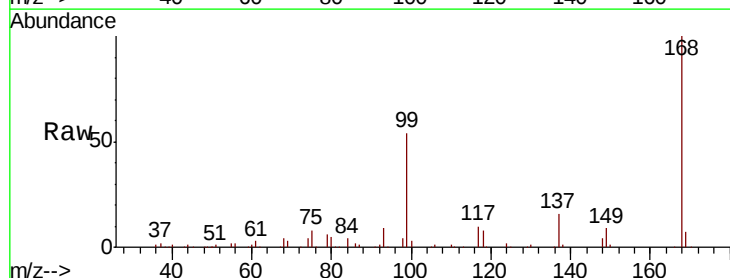
Instrument :
 MSVOA_X
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 TP-3-SHALLOW

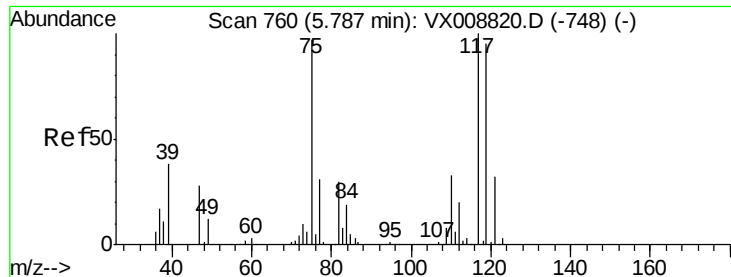
Tgt Ion:113 Resp: 75347
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.4 125.2
 192 20.6 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 4.644 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008852.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 75 Resp: 13568
 Ion Ratio Lower Upper
 75 100
 110 9.1 16.4 49.2#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.492 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008852.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

TP-3-SHALLOW

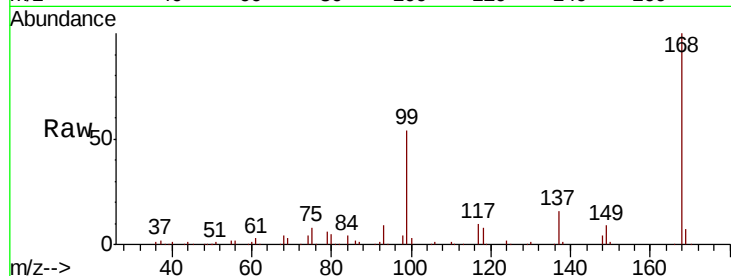
Tgt Ion:117 Resp: 15700

Ion Ratio Lower Upper

117 100

119 4.2 75.0 112.6#

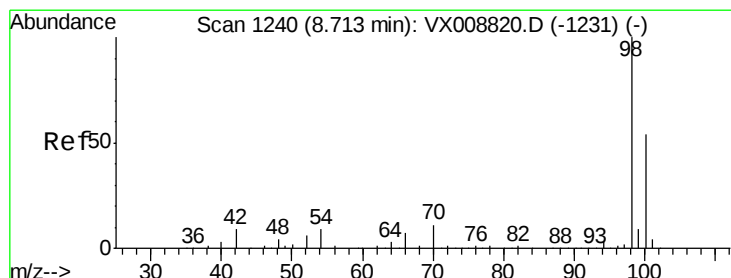
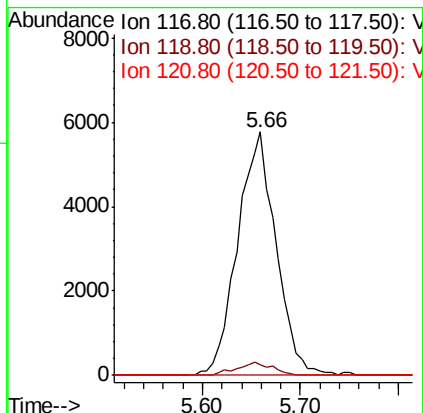
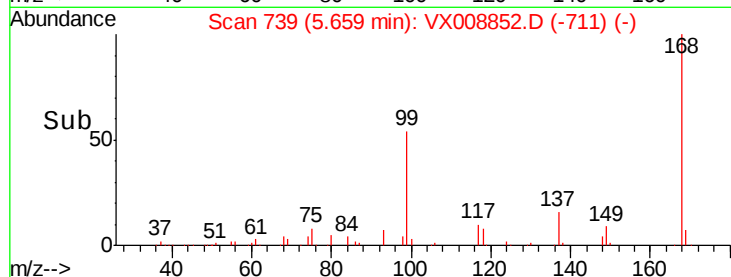
121 0.0 24.3 36.5#



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: 49.267 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008852.D

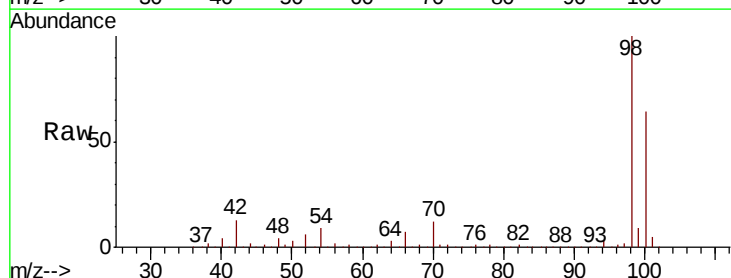
Acq: 11 Apr 2019 15:21

Tgt Ion: 98 Resp: 335246

Ion Ratio Lower Upper

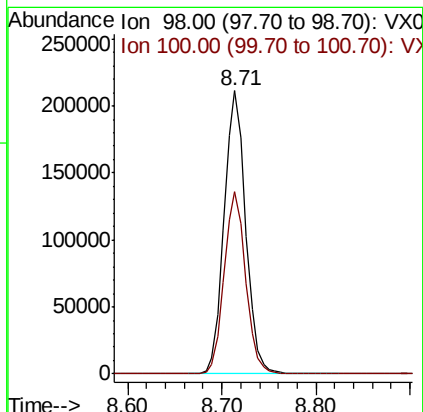
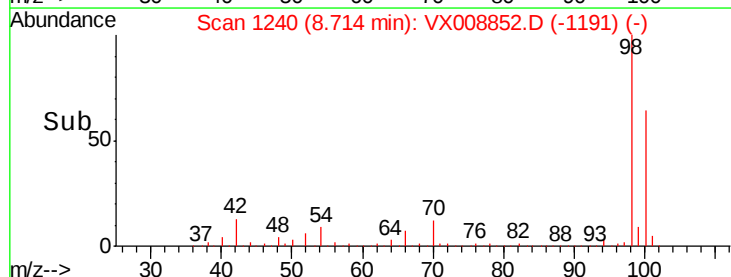
98 100

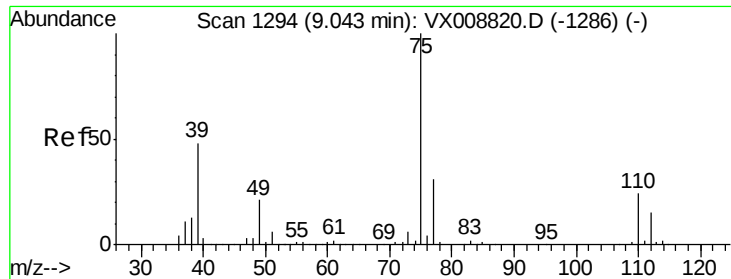
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

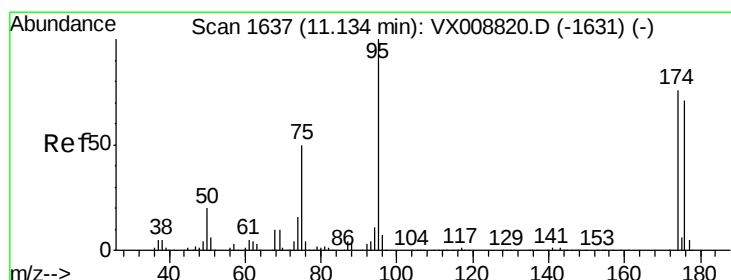
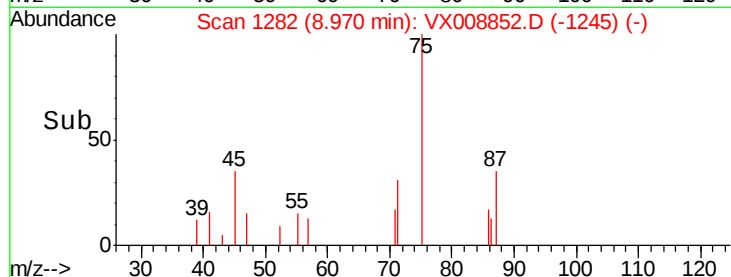
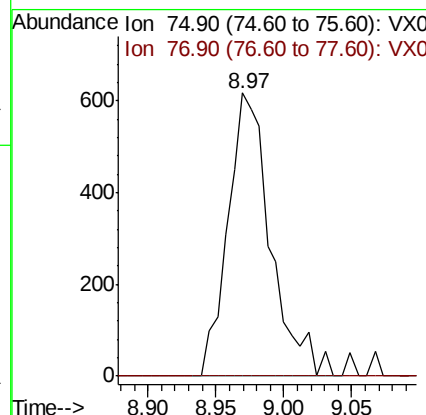
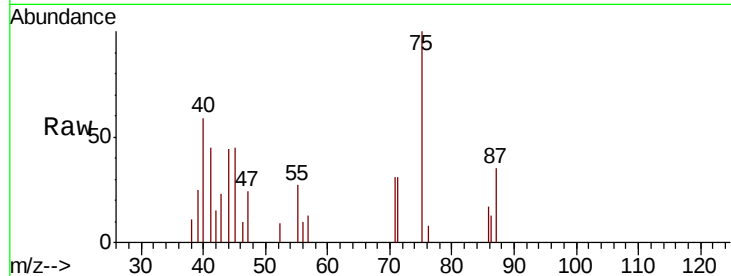




#53
t-1,3-Dichloropropene
Concen: 0.442 ug/l
RT: 8.97 min Scan# 1282
Delta R.T. -0.07 min
Lab File: VX008852.D
Acq: 11 Apr 2019 15:21

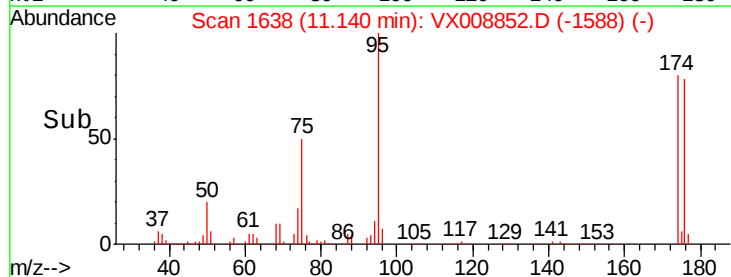
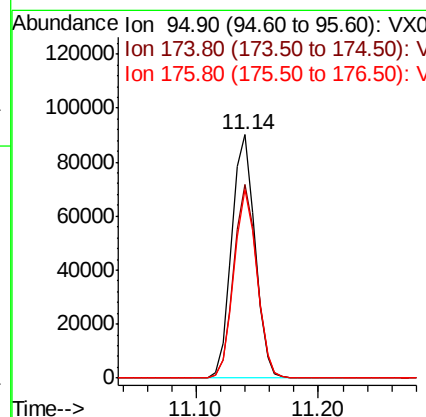
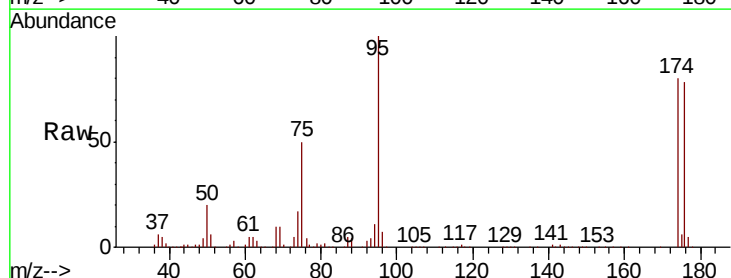
Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

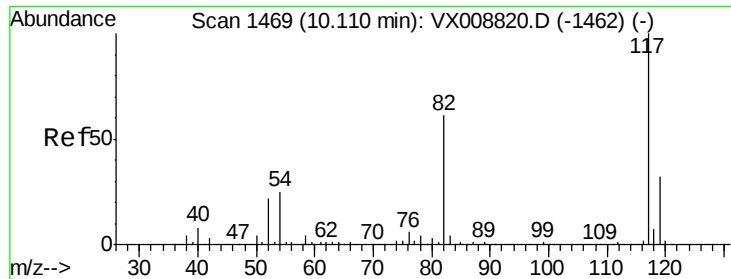
Tgt Ion: 75 Resp: 1346
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#



#62
4-Bromofluorobenzene
Concen: 49.137 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX008852.D
Acq: 11 Apr 2019 15:21

Tgt Ion: 95 Resp: 118568
Ion Ratio Lower Upper
95 100
174 78.7 0.0 151.8
176 76.2 0.0 145.8

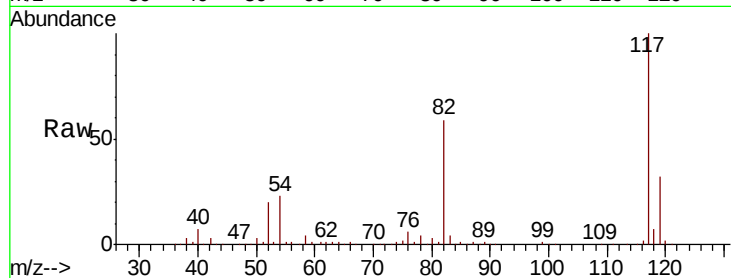




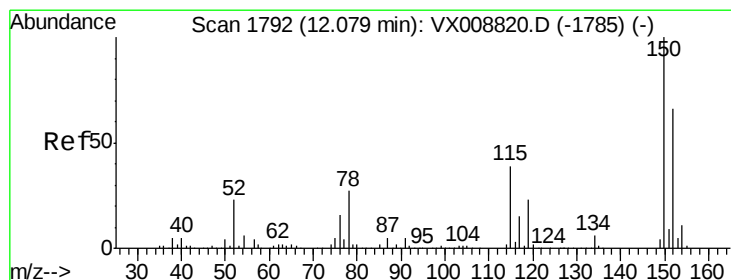
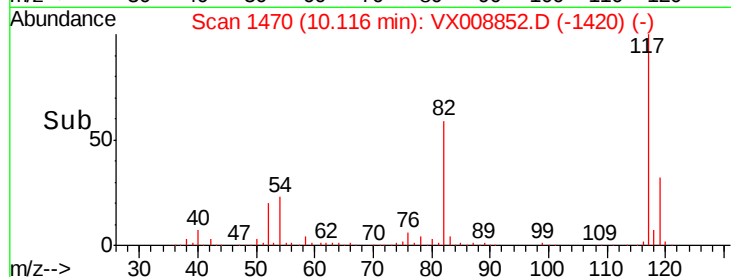
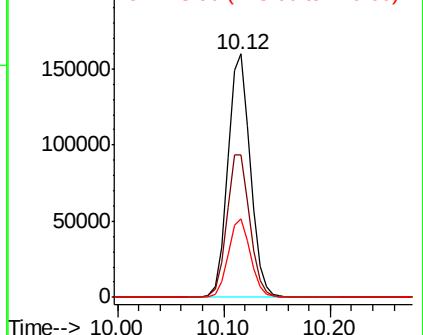
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VX008852.D
 Acq: 11 Apr 2019 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-SHALLOW

Tgt Ion:117 Resp: 235582
 Ion Ratio Lower Upper
 117 100
 82 58.6 49.6 74.4
 119 32.4 25.0 37.4

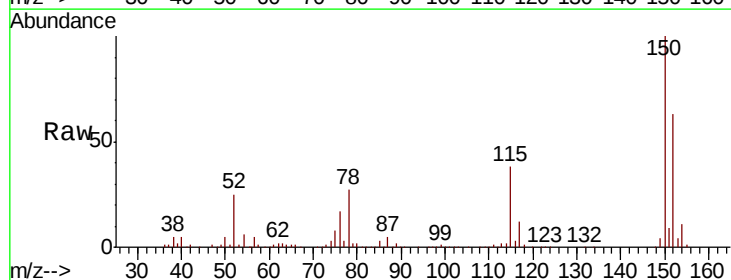


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V

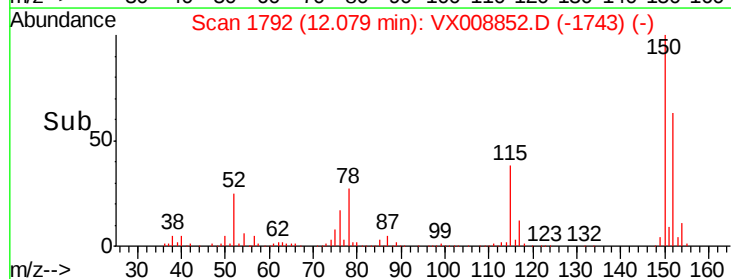
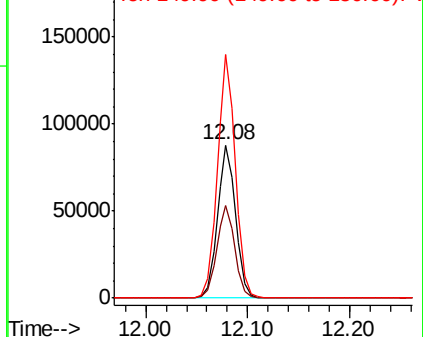


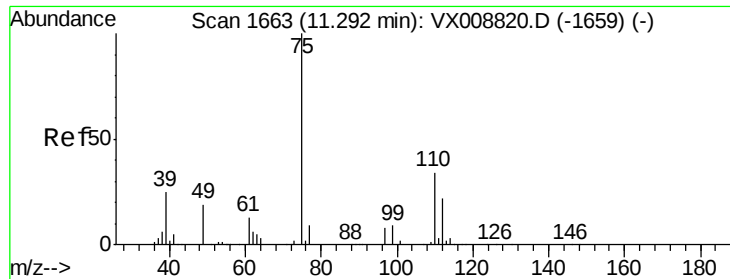
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008852.D
 Acq: 11 Apr 2019 15:21

Tgt Ion:152 Resp: 109279
 Ion Ratio Lower Upper
 152 100
 115 60.1 43.5 130.5
 150 158.2 0.0 348.8



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

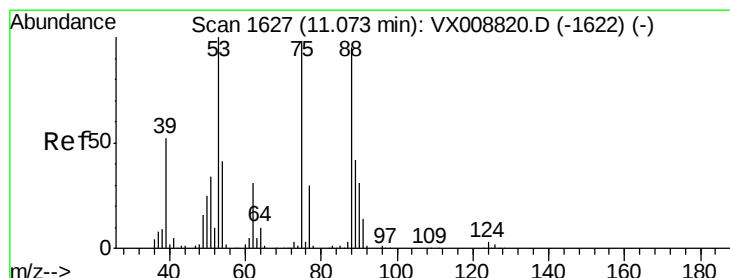
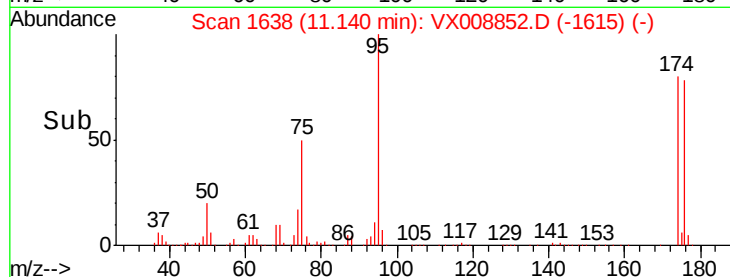
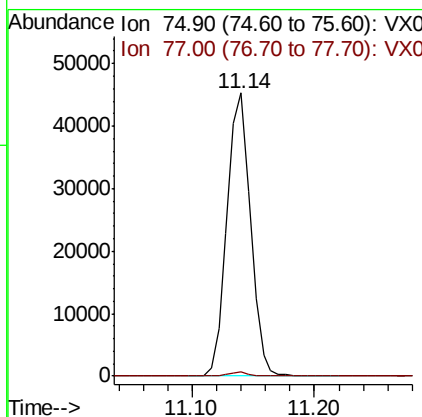
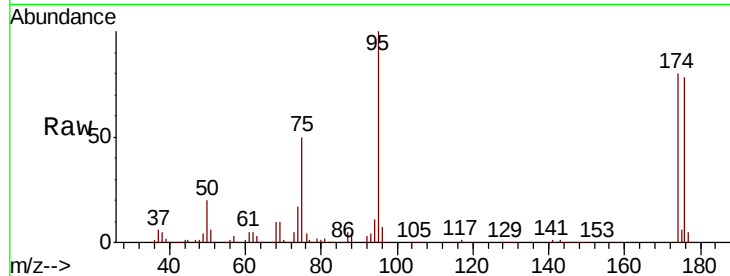




#76
 1,2,3-Trichloropropane
 Concen: 20.099 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX008852.D
 Acq: 11 Apr 2019 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-SHALLOW

Tgt Ion: 75 Resp: 60338
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.3 66.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.405 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX008852.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 75 Resp: 60338
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.3 121.9#
 89 0.0 35.6 53.4#

