

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006528.D
 Acq On : 14 Dec 2018 20:05
 Operator : JC/MD
 Sample : J6396-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:38:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	648210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1059801	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	962143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	455710	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	361936	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
35) Dibromofluoromethane	5.51	113	313764	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
50) Toluene-d8	8.71	98	1241643	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	458898	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	

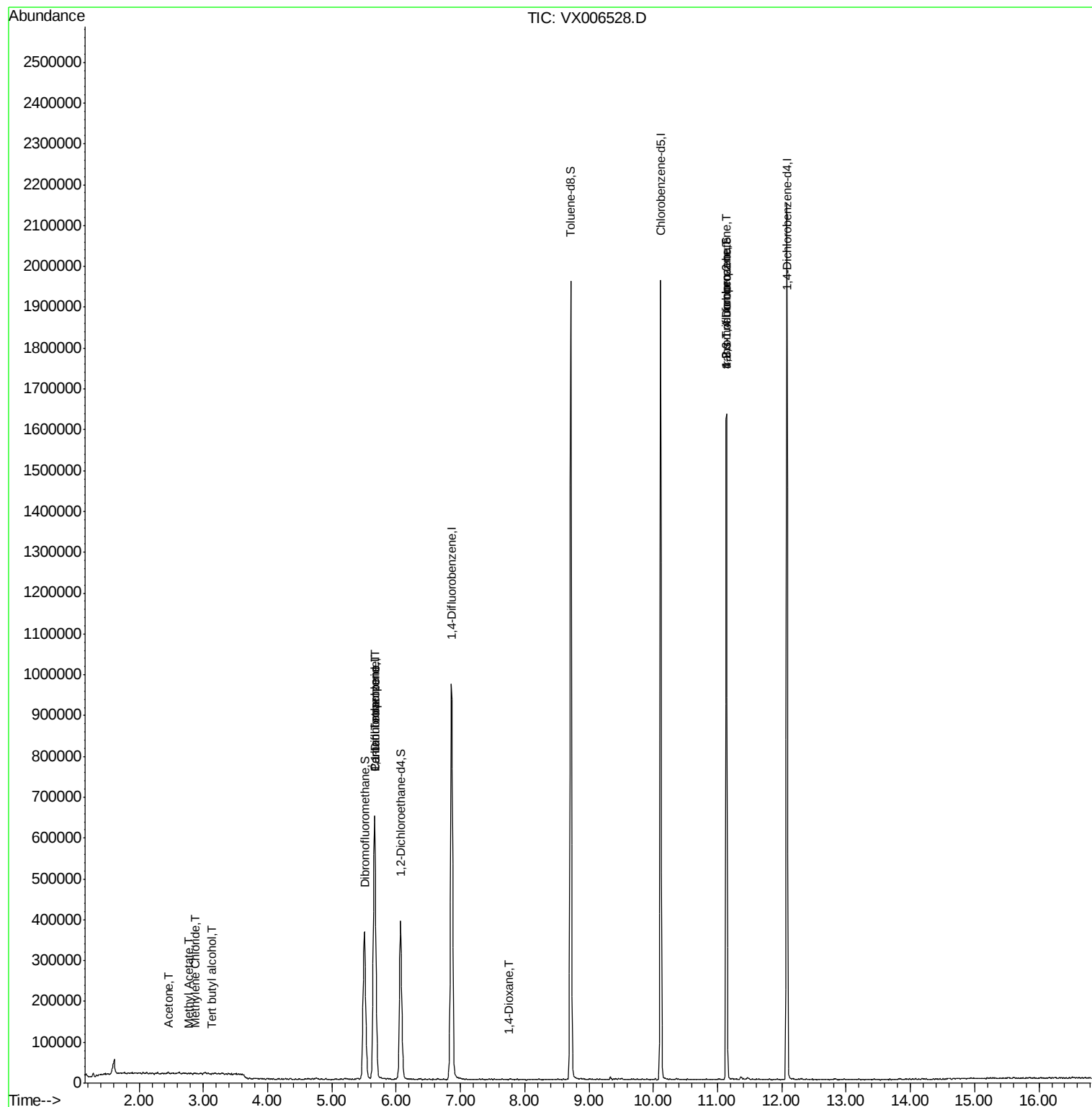
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.13	59	393	0.217	ug/l #	1
16) Acetone	2.45	43	3686	1.187	ug/l	97
18) Methyl Acetate	2.78	43	3493	0.336	ug/l	98
20) Methylene Chloride	2.87	84	1433	0.217	ug/l #	67
36) 1,1-Dichloropropene	5.66	75	45597	5.109	ug/l #	49
38) Carbon Tetrachloride	5.66	117	63564	6.054	ug/l #	15
49) 1,4-Dioxane	7.75	88	153	0.766	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	211167	24.007	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	211167	56.339	ug/l #	15

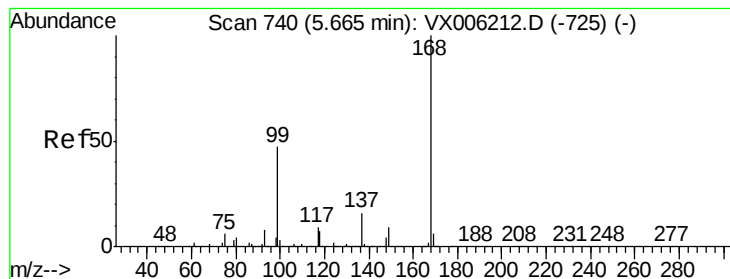
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Dec 15 04:38:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006528.D

Acq: 14 Dec 2018 20:05

Instrument :

MSVOA_X

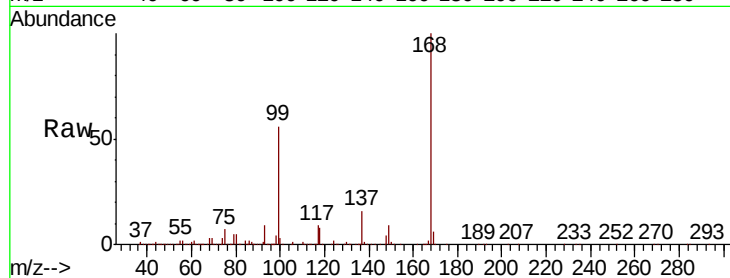
ClientSampled :

Tot Ion:168 Resp: 648210

Ion Ratio Lower Upper

168 100

99 56.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

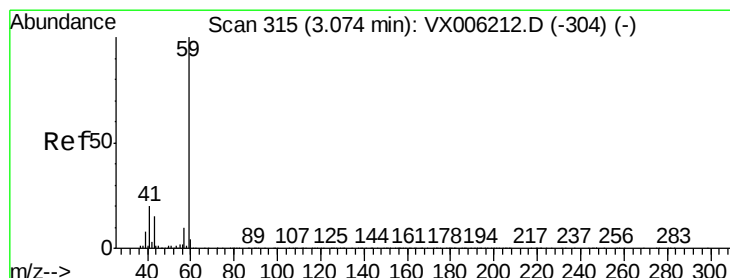
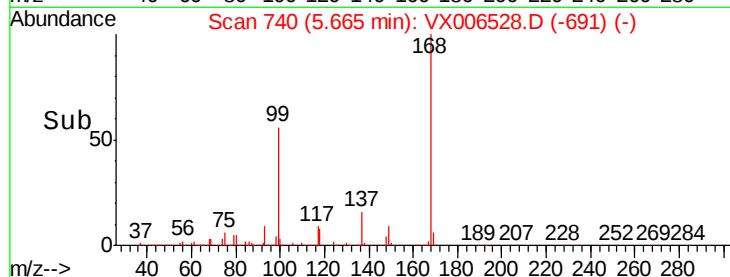
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 0.217 ug/l

RT: 3.13 min Scan# 324

Delta R.T. 0.05 min

Lab File: VX006528.D

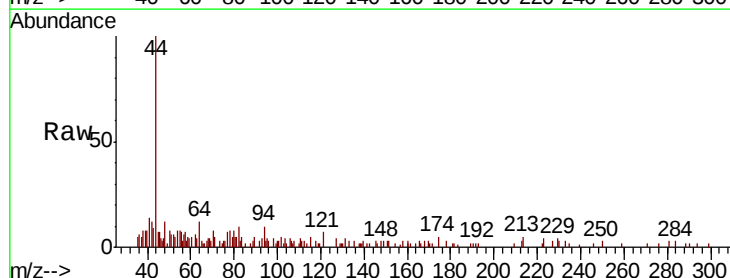
Acq: 14 Dec 2018 20:05

Tgt Ion: 59 Resp: 393

Ion Ratio Lower Upper

59 100

57 85.5 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

500

400

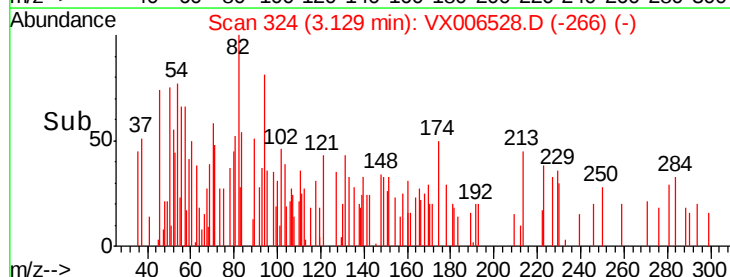
300

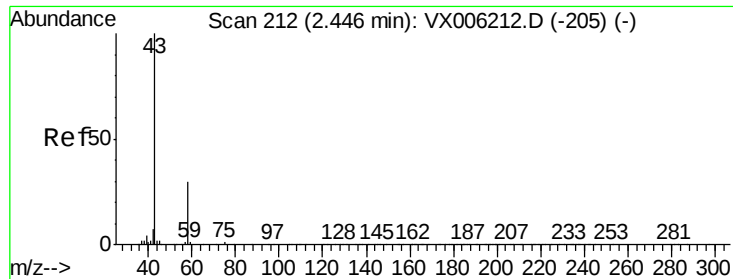
200

100

0

Time--> 3.10 3.12 3.14 3.16

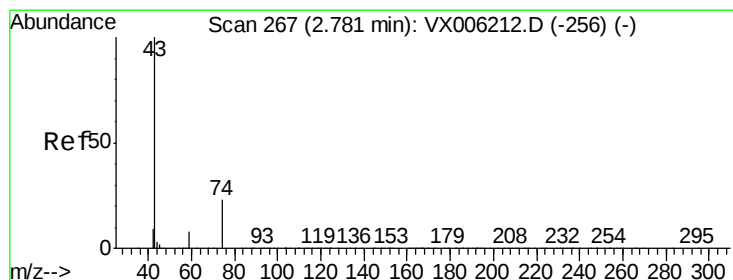
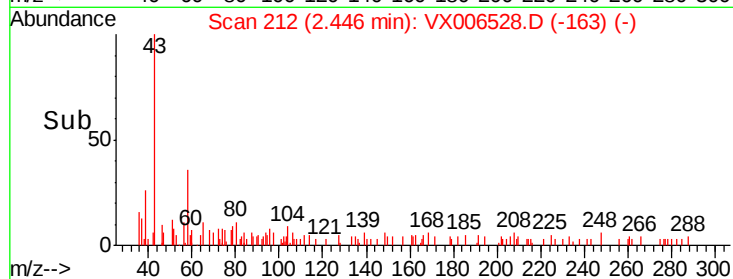
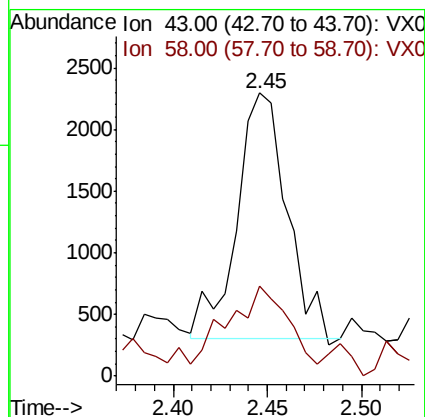
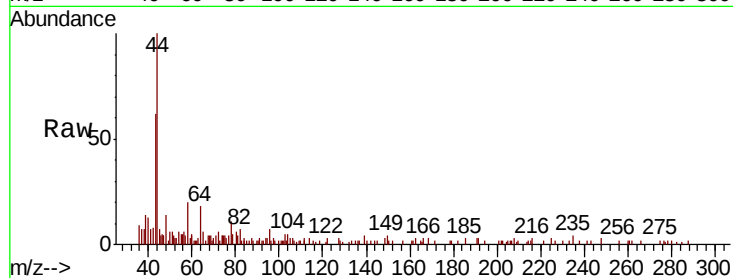




#16
Acetone
Concen: 1.187 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006528.D
Acq: 14 Dec 2018 20:05

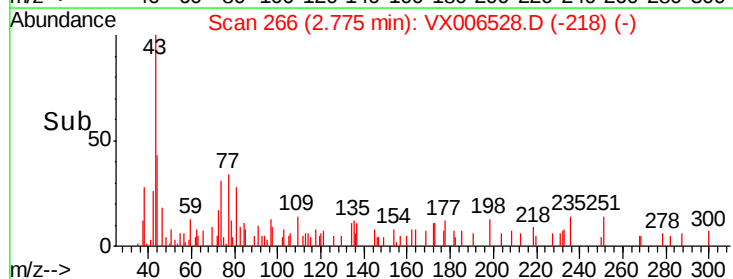
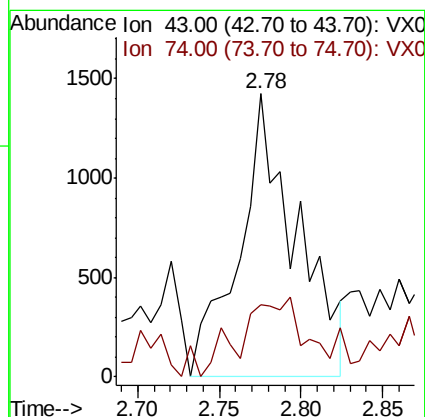
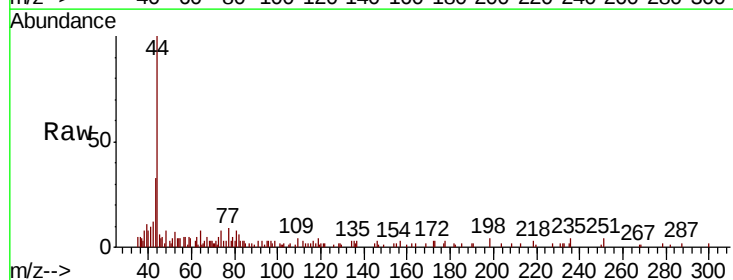
Instrument :
MSVOA_X
ClientSampled :

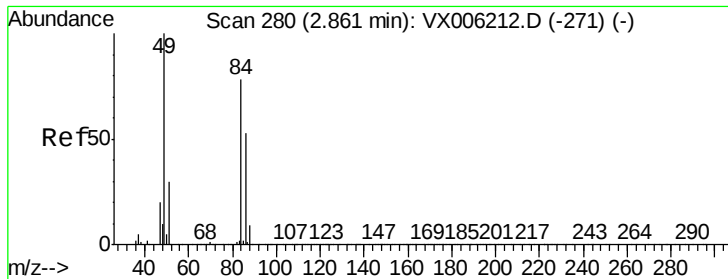
Tot Ion: 43 Resp: 3686
Ion Ratio Lower Upper
43 100
58 31.6 24.0 36.0



#18
Methyl Acetate
Concen: 0.336 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006528.D
Acq: 14 Dec 2018 20:05

Tgt Ion: 43 Resp: 3493
Ion Ratio Lower Upper
43 100
74 21.3 17.9 26.9

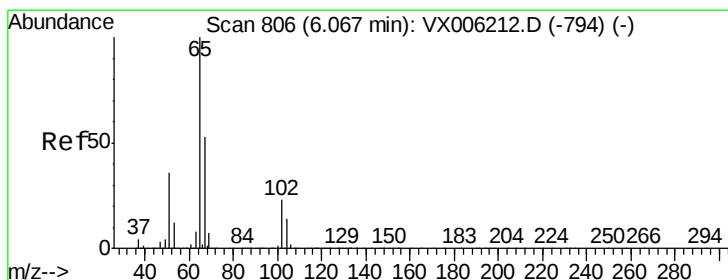
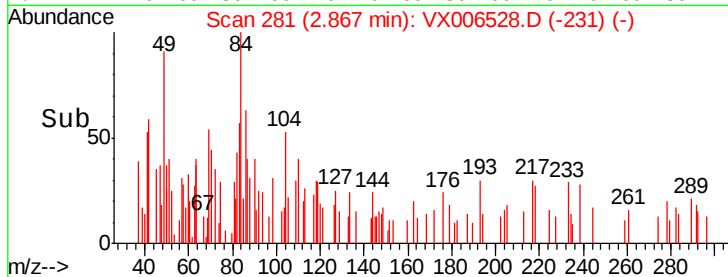
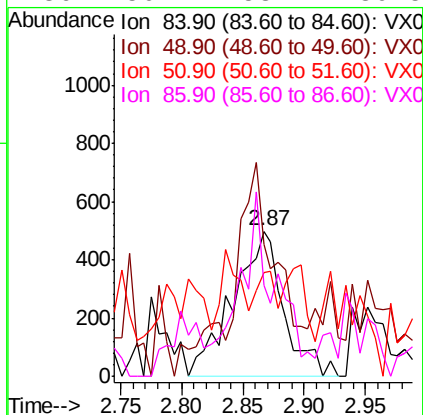
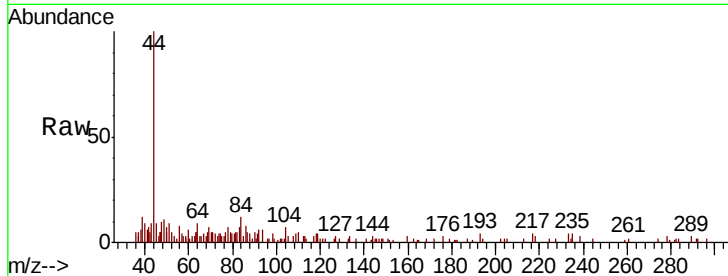




#20
Methvlene Chloride
Concen: 0.217 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006528.D
Acq: 14 Dec 2018 20:05

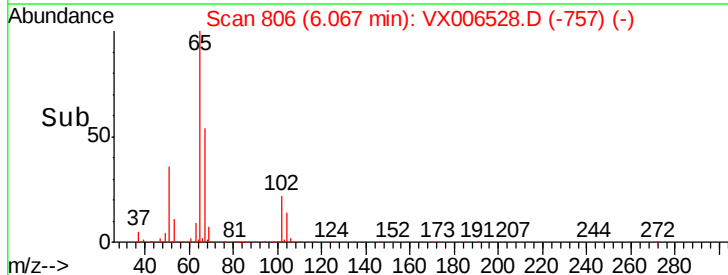
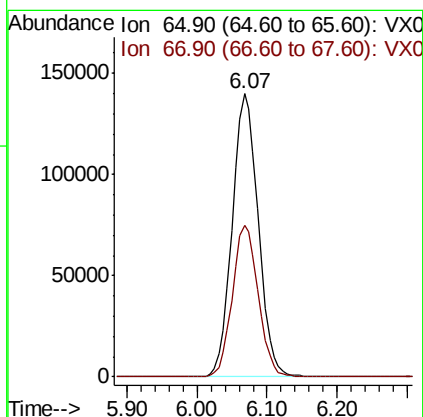
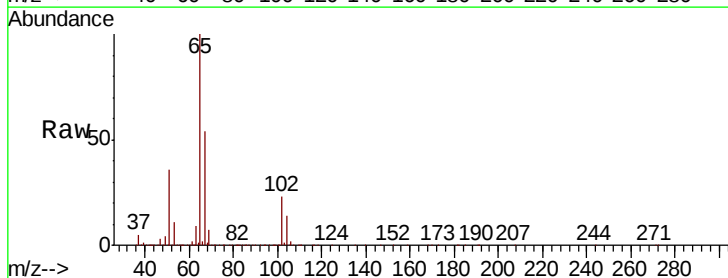
Instrument :
MSVOA_X
ClientSampleId :

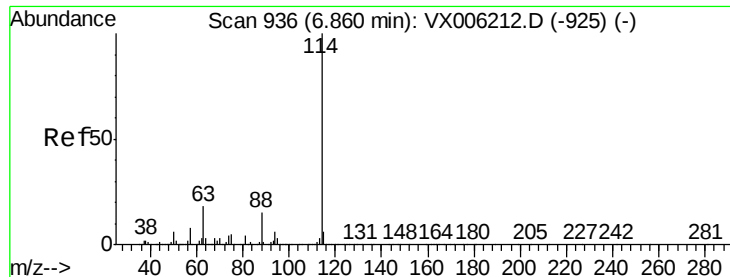
Tot Ion: 84 Resp: 1433
Ion Ratio Lower Upper
84 100
49 71.7 102.2 153.4#
51 39.0 31.1 46.7
86 50.4 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 54.696 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006528.D
Acq: 14 Dec 2018 20:05

Tgt Ion: 65 Resp: 361936
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2

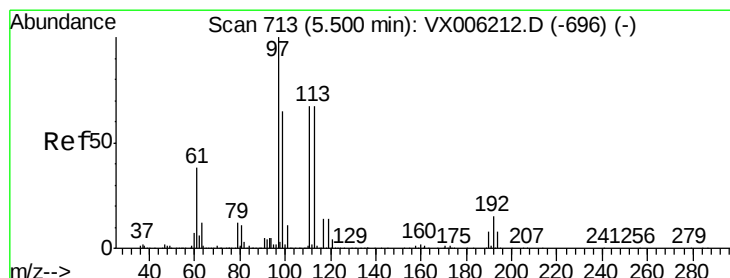
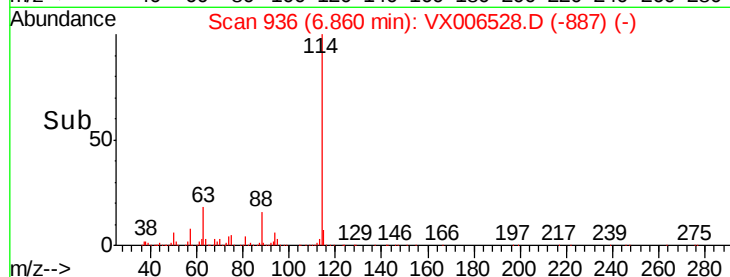
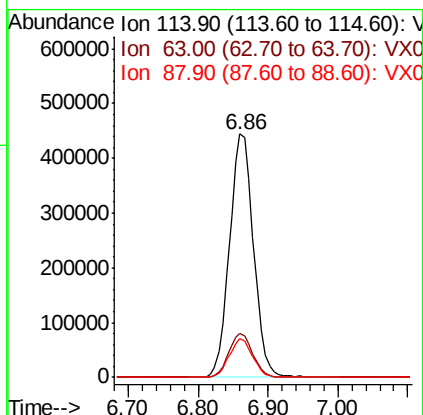
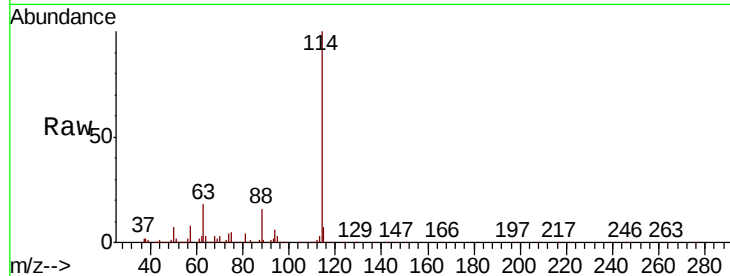




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006528.D
 Acq: 14 Dec 2018 20:05

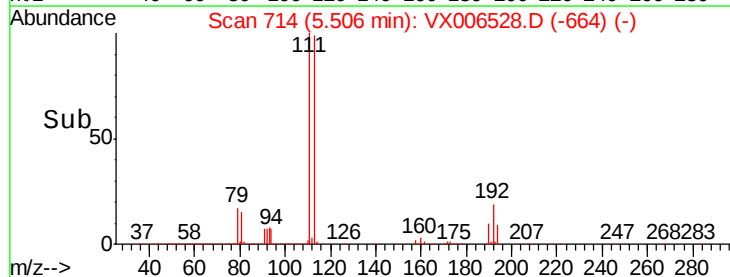
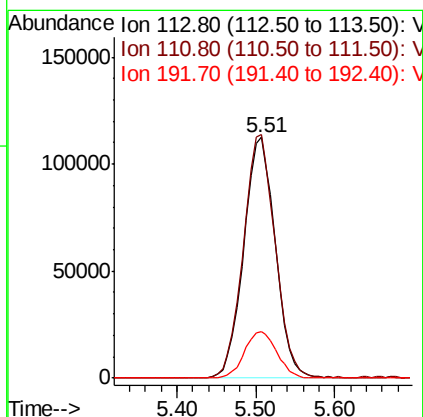
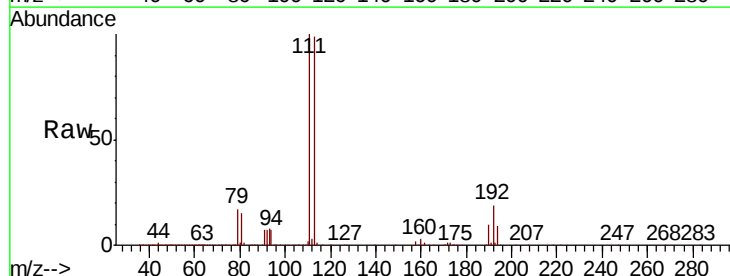
Instrument :
 MSVOA_X
 ClientSampleId :

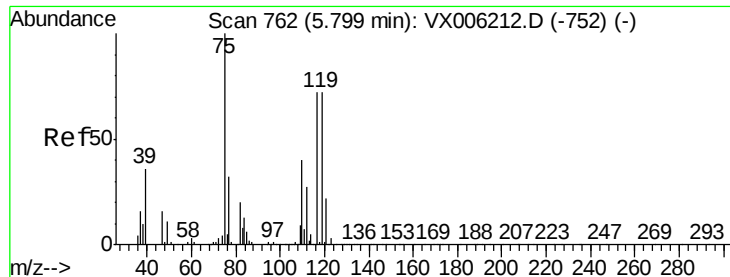
Tot Ion:114 Resp: 1059801
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.6
 88 15.9 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 45.726 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006528.D
 Acq: 14 Dec 2018 20:05

Tgt Ion:113 Resp: 313764
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.1 121.7
 192 19.6 18.2 27.2

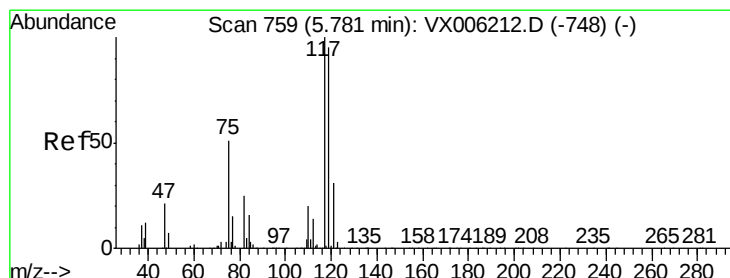
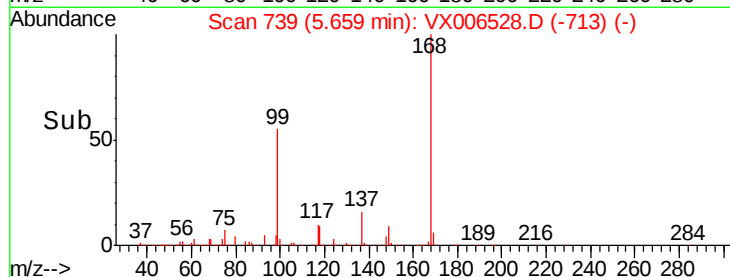
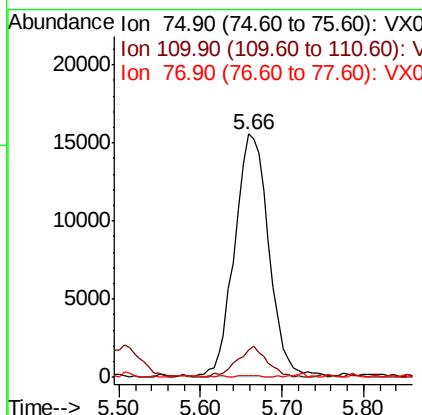
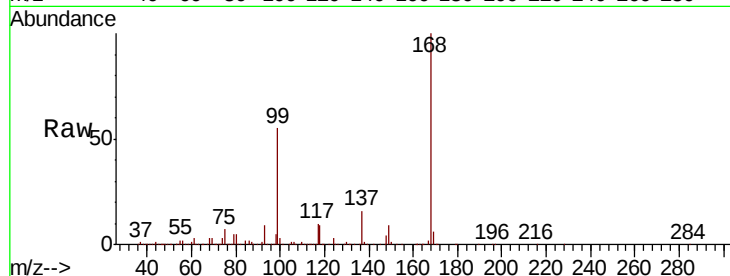




#36
 1,1-Dichloropropene
 Concen: 5.109 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006528.D
 Acq: 14 Dec 2018 20:05

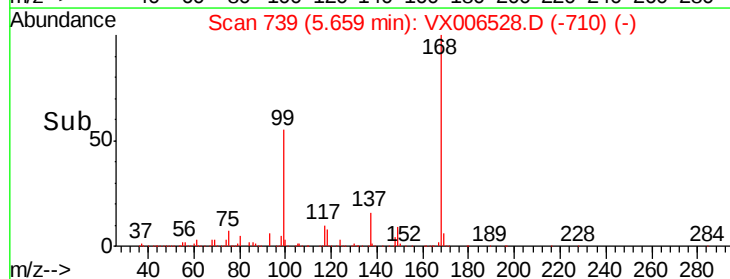
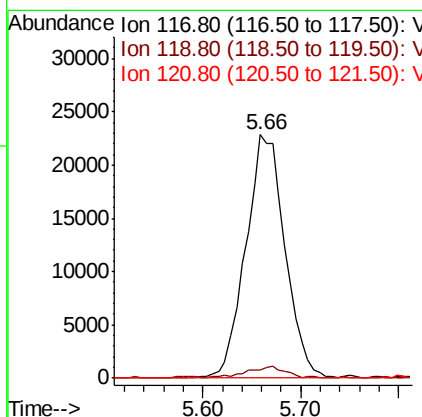
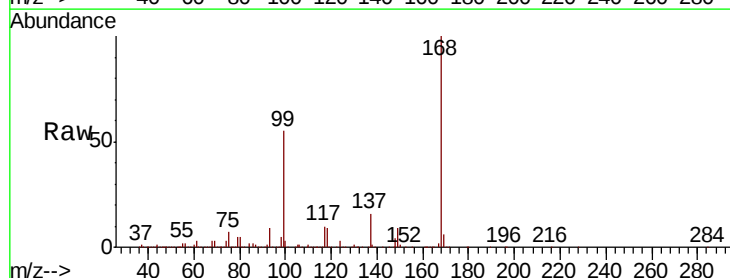
Instrument :
 MSVOA_X
 ClientSampleId :

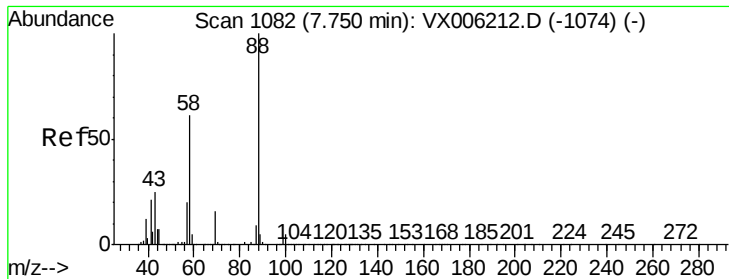
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.3	20.4	61.3#
77	0.5	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.054 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX006528.D
 Acq: 14 Dec 2018 20:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.1	75.8	113.8#
121	0.0	24.6	37.0#

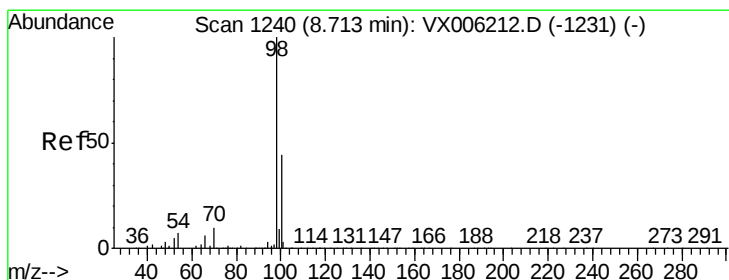
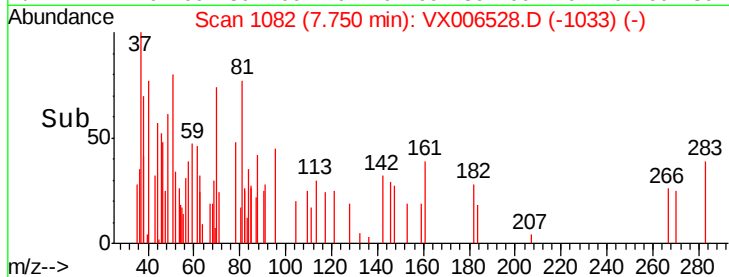
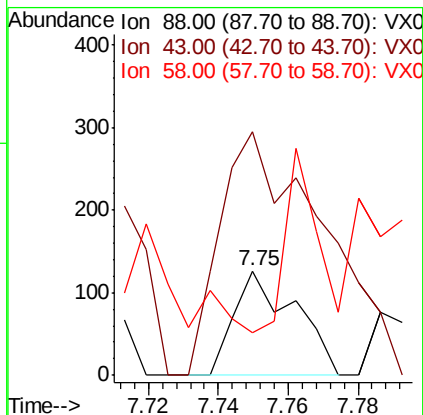
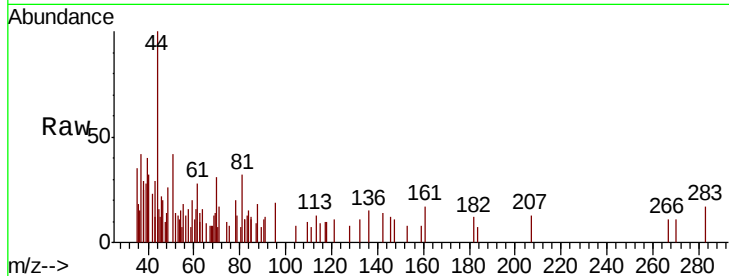




#49
1,4-Dioxane
Concen: 0.766 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX006528.D
Acq: 14 Dec 2018 20:05

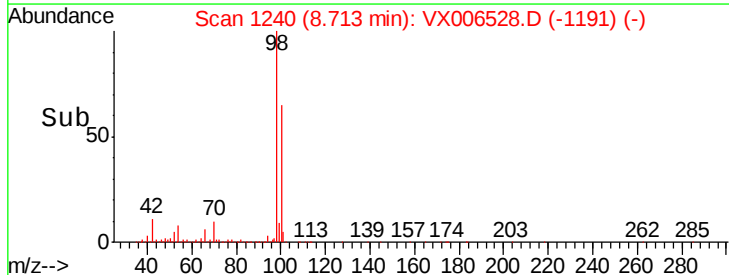
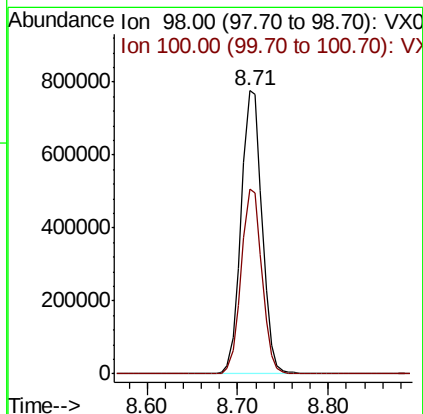
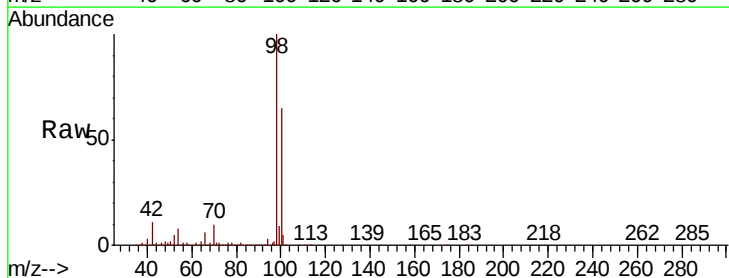
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MSVOA_X
ClientSampleId :

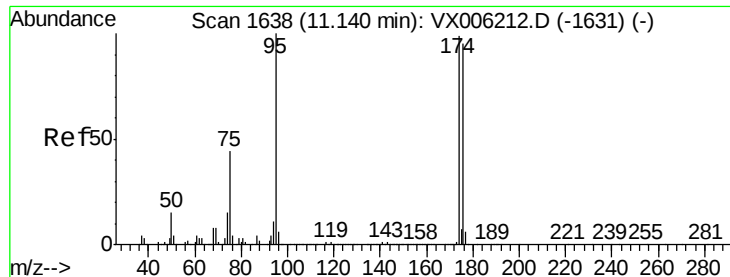
Tot Ion: 88 Resp: 153
Ion Ratio Lower Upper
88 100
43 397.4 23.2 34.8#
58 92.2 51.4 77.0#



#50
Toluene-d8
Concen: 49.747 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006528.D
Acq: 14 Dec 2018 20:05

Tgt Ion: 98 Resp: 1241643
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 48.791 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006528.D

Acq: 14 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

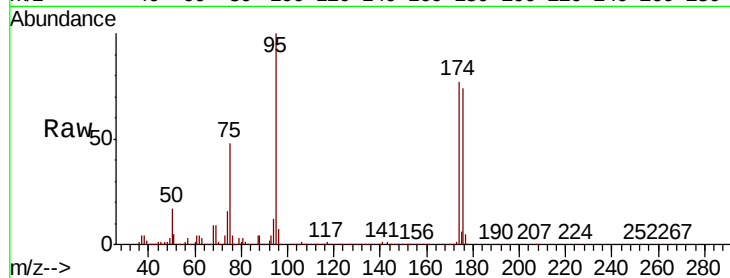
Tot Ion: 95 Resp: 458898

Ion Ratio Lower Upper

95 100

174 83.7 0.0 187.0

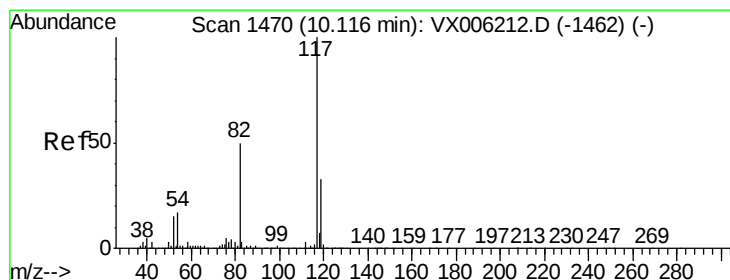
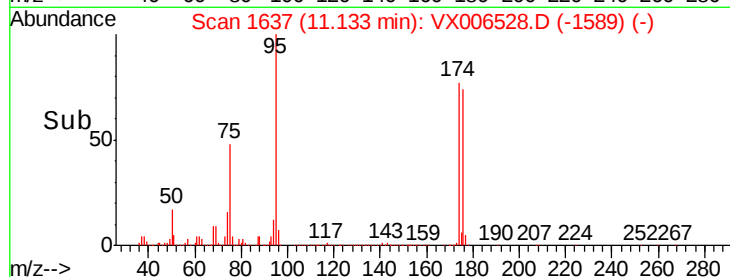
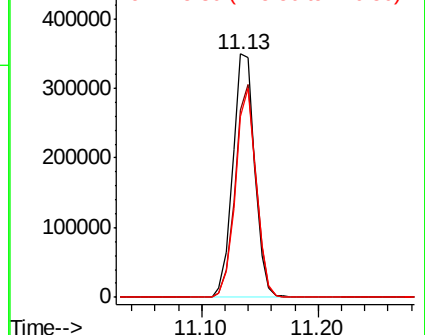
176 81.6 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006528.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006528.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006528.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006528.D

Acq: 14 Dec 2018 20:05

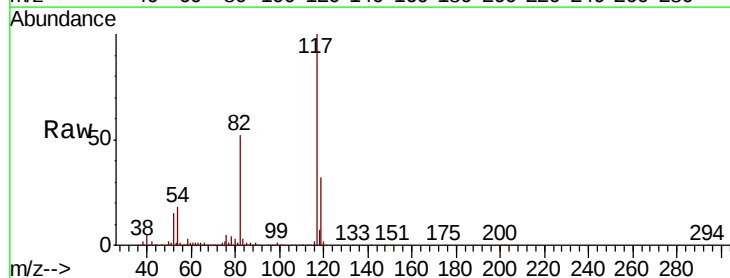
Tgt Ion: 117 Resp: 962143

Ion Ratio Lower Upper

117 100

82 51.5 39.6 59.4

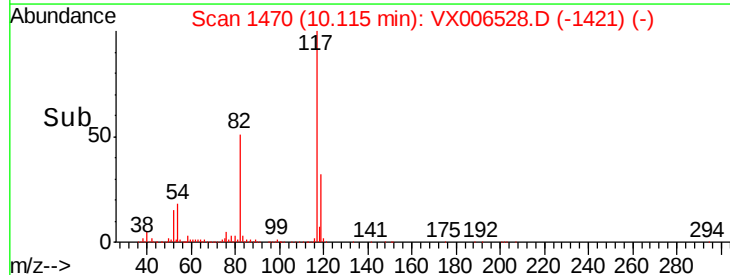
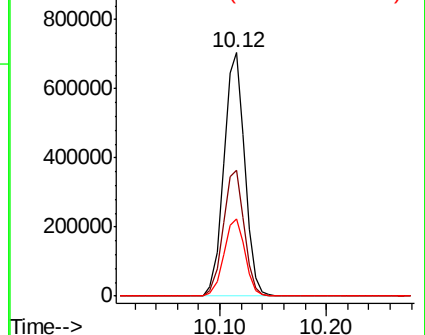
119 31.8 26.3 39.5

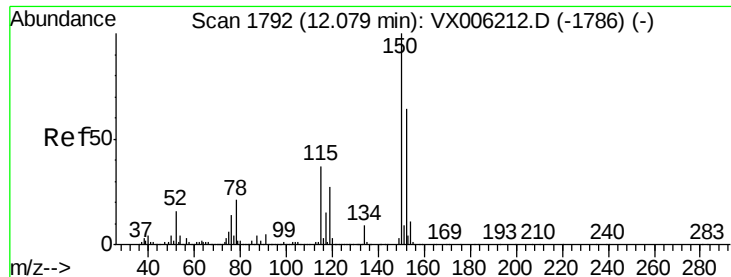


Abundance Ion 116.90 (116.60 to 117.60): VX006528.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006528.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006528.D (-1421) (-)



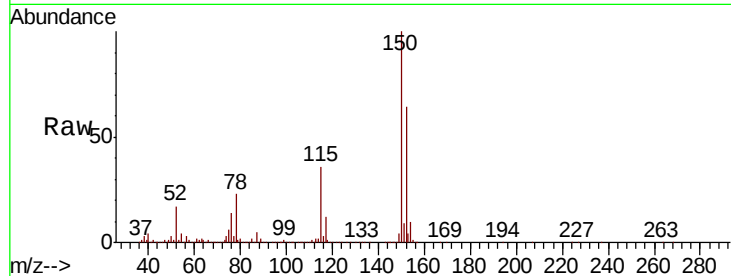


#72

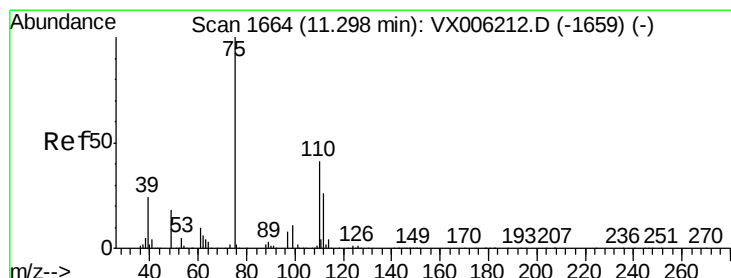
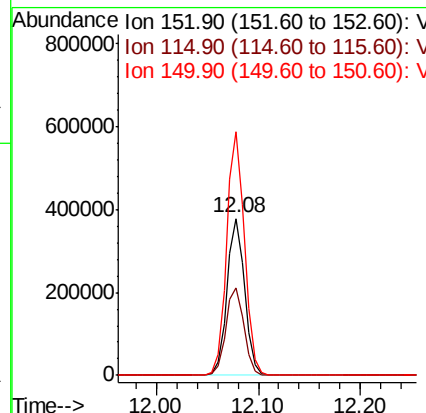
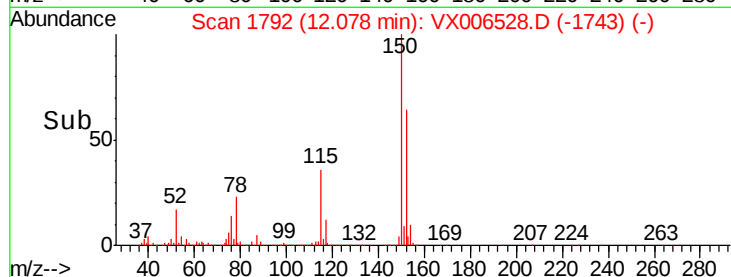
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006528.D
Acq: 14 Dec 2018 20:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.6	39.0	116.9
150	156.4	0.0	345.8



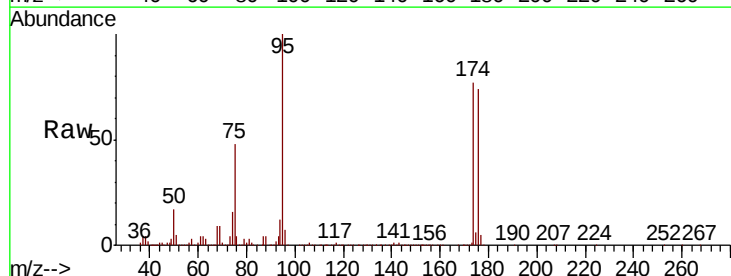
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



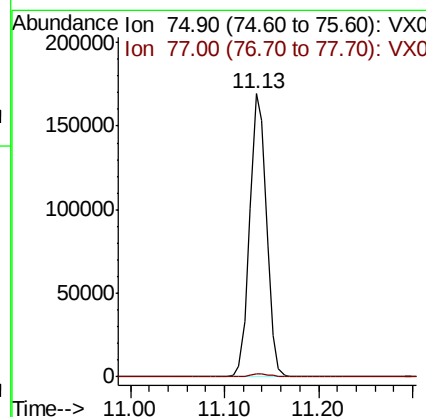
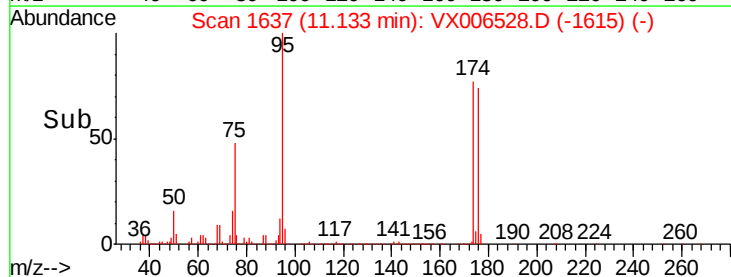
#76

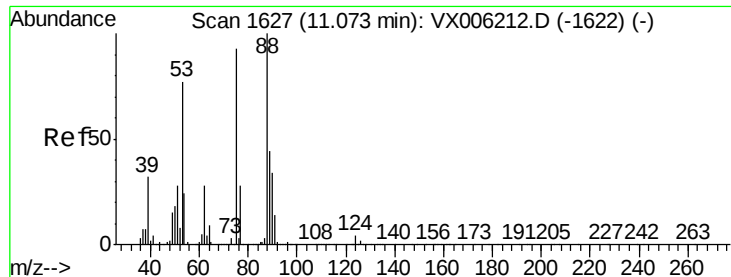
1,2,3-Trichloropropane
Concen: 24.007 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006528.D
Acq: 14 Dec 2018 20:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.9	59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 56.339 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006528.D

Acq: 14 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 211167

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 44.2 66.4#

