

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006341.D
 Acq On : 07 Dec 2018 12:32
 Operator : JC/MD
 Sample : J6265-01
 Misc : 5.96g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0632

Quant Time: Dec 08 00:09:36 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	731970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1089527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	998031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	528200	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	353692	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
35) Dibromofluoromethane	5.50	113	333647	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	
50) Toluene-d8	8.71	98	1259492	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.14	95	491044	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	

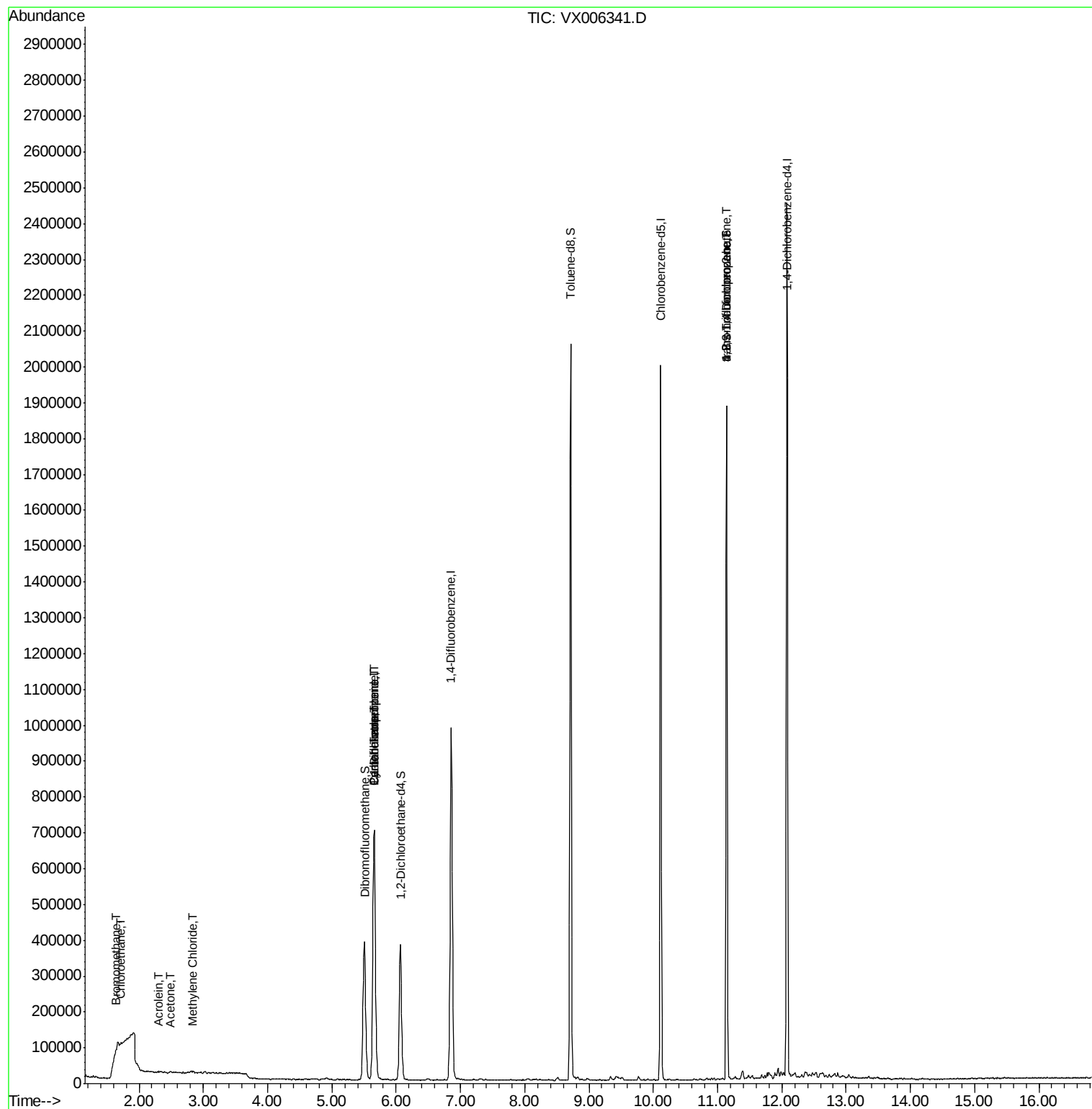
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	2436	0.443	ug/l	92
6) Chloroethane	1.71	64	1482	0.305	ug/l #	42
13) Acrolein	2.31	56	751	0.672	ug/l	91
16) Acetone	2.50	43	1501	0.428	ug/l	95
20) Methylene Chloride	2.84	84	2643	0.354	ug/l #	68
31) Cyclohexane	5.66	56	10829	1.003	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	44593	4.860	ug/l #	48
38) Carbon Tetrachloride	5.66	117	63380	5.872	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	218074	21.390	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	218074	50.197	ug/l #	15

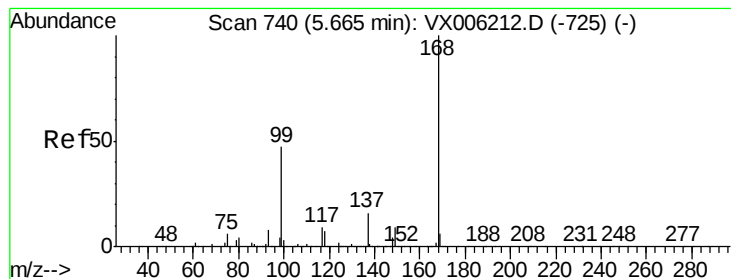
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120718\
Data File : VX006341.D
Acq On : 07 Dec 2018 12:32
Operator : JC/MD
Sample : J6265-01
Misc : 5.96µ/5mL/100µL/5.0mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
S32-0632

Quant Time: Dec 08 00:09:36 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# 739

Delta R.T. -0.01 min

Lab File: VX006341.D

Acq: 07 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

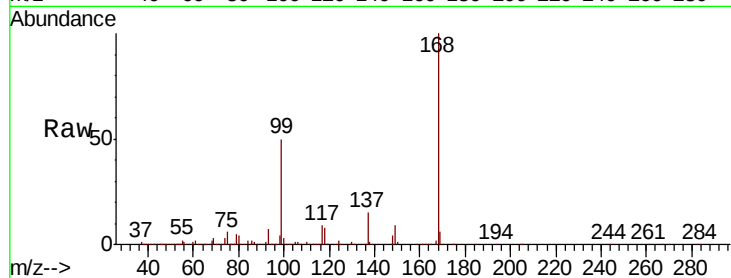
S32-0632

Tot Ion:168 Resp: 731970

Ion Ratio Lower Upper

168 100

99 50.0 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

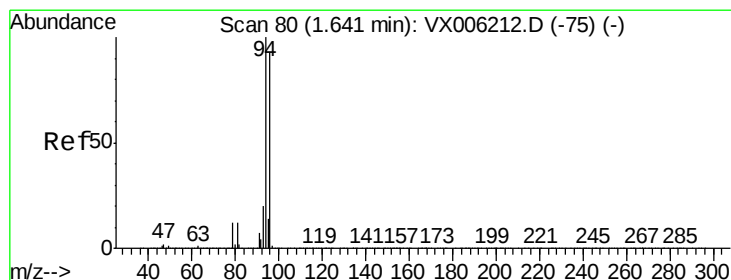
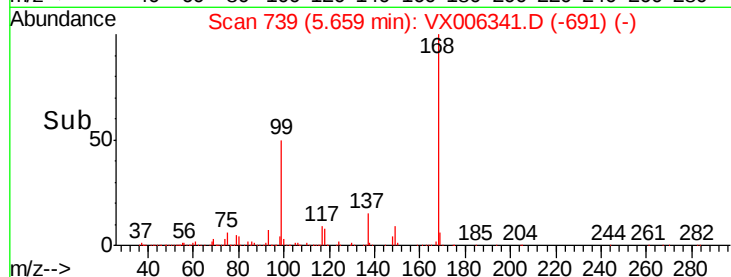
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.443 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006341.D

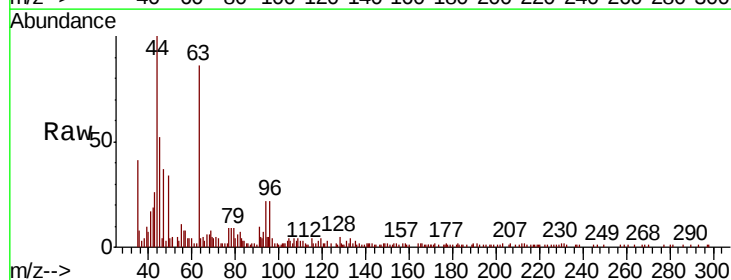
Acq: 07 Dec 2018 12:32

Tgt Ion: 94 Resp: 2436

Ion Ratio Lower Upper

94 100

96 101.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

2500

2000

1500

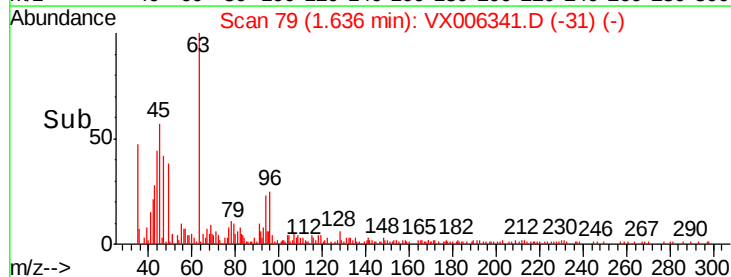
1000

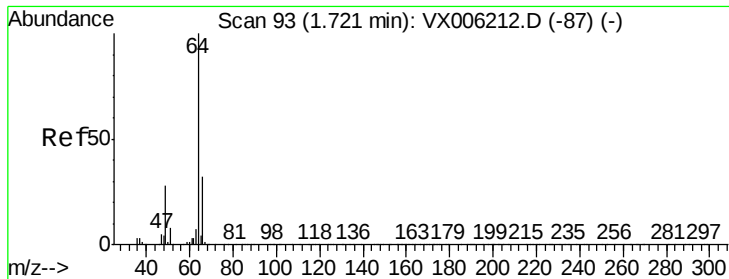
500

0

Time-->

1.60 1.65





#6

Chloroethane

Concen: 0.305 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006341.D

Acq: 07 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

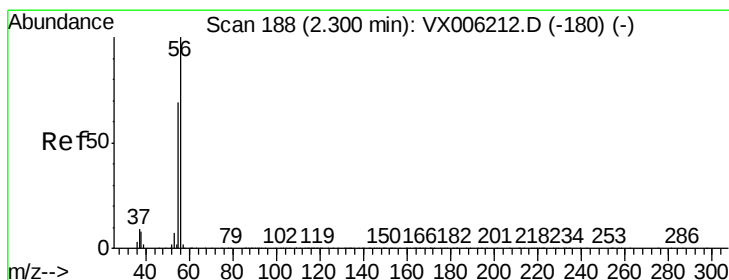
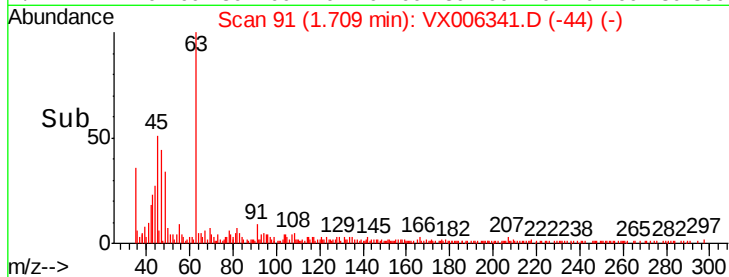
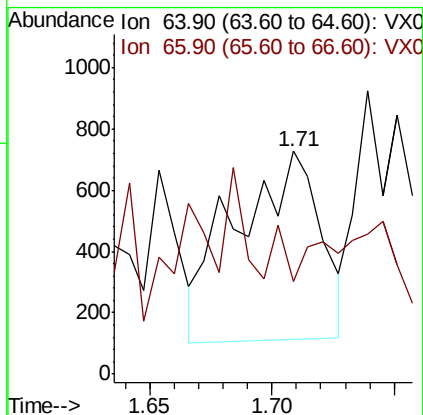
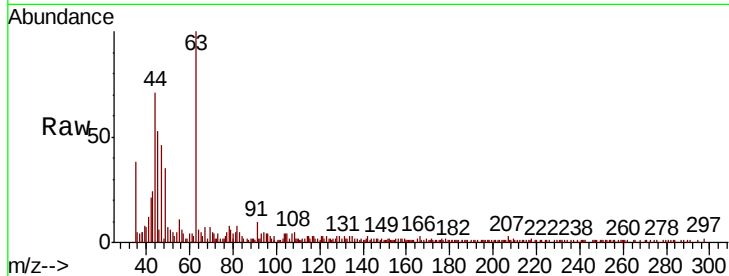
S32-0632

Tot Ion: 64 Resp: 1482

Ion Ratio Lower Upper

64 100

66 0.0 25.9 38.9#



#13

Acrolein

Concen: 0.672 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX006341.D

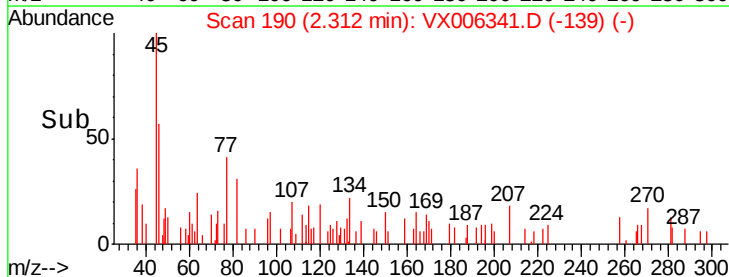
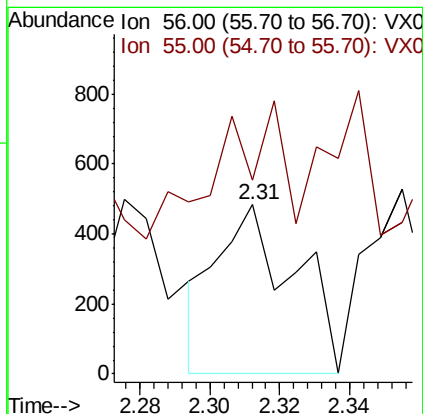
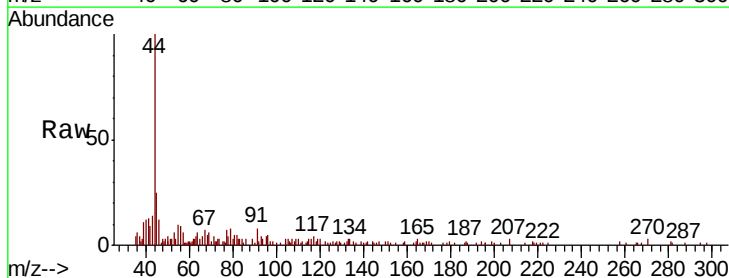
Acq: 07 Dec 2018 12:32

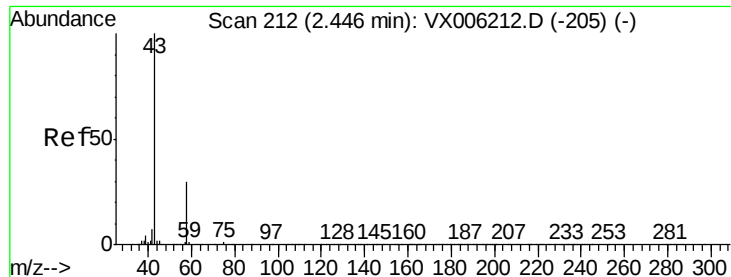
Tgt Ion: 56 Resp: 751

Ion Ratio Lower Upper

56 100

55 64.4 57.8 86.6





#16

Acetone

Concen: 0.428 ug/l

RT: 2.50 min Scan# 220

Delta R.T. 0.05 min

Lab File: VX006341.D

Acq: 07 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

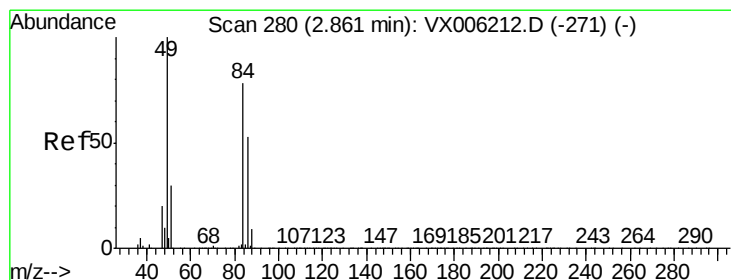
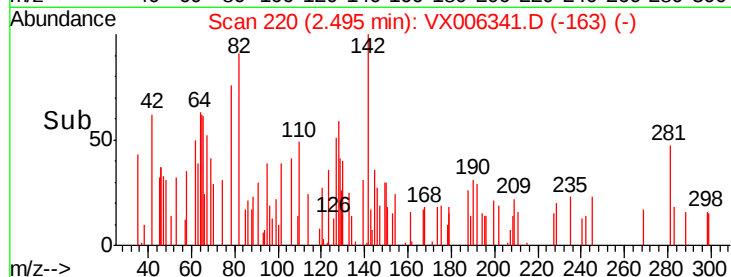
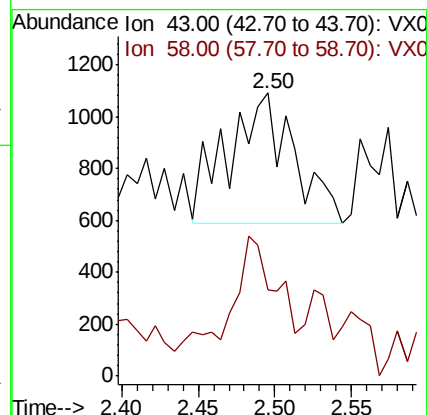
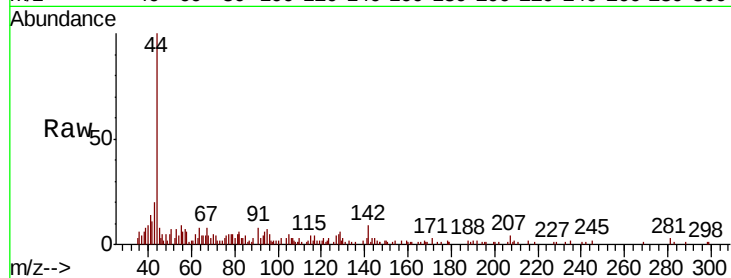
S32-0632

Tot Ion: 43 Resp: 1501

Ion Ratio Lower Upper

43 100

58 32.5 24.0 36.0



#20

Methylene Chloride

Concen: 0.354 ug/l

RT: 2.84 min Scan# 277

Delta R.T. -0.02 min

Lab File: VX006341.D

Acq: 07 Dec 2018 12:32

Tgt Ion: 84 Resp: 2643

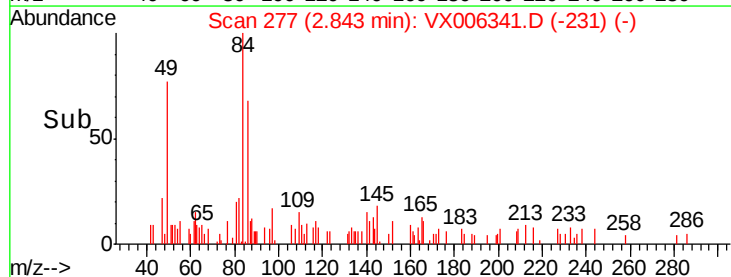
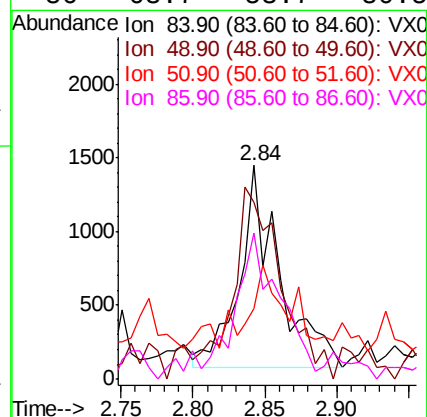
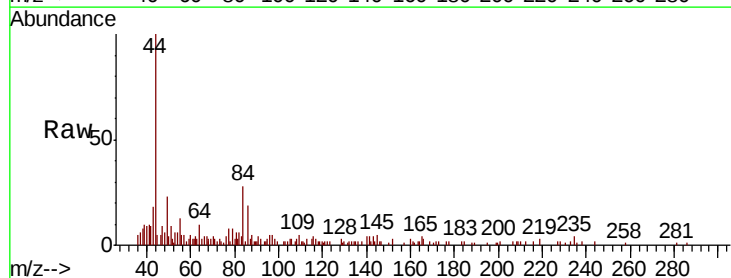
Ion Ratio Lower Upper

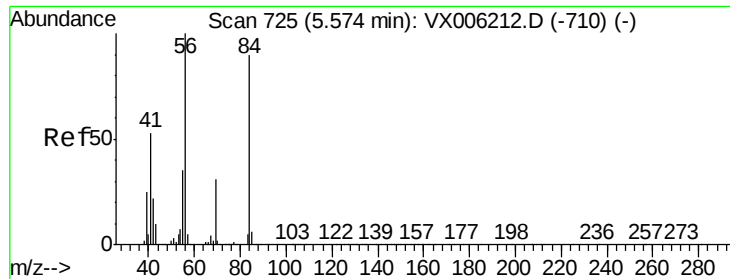
84 100

49 77.3 102.2 153.4#

51 14.9 31.1 46.7#

86 63.7 53.7 80.5

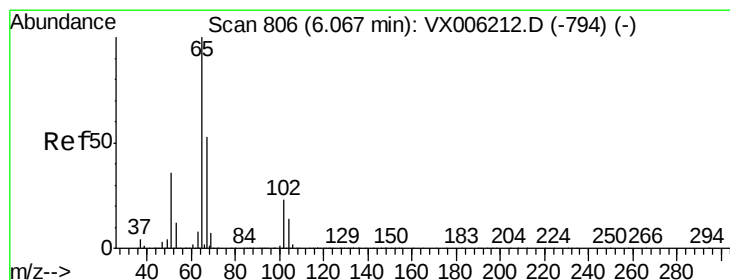
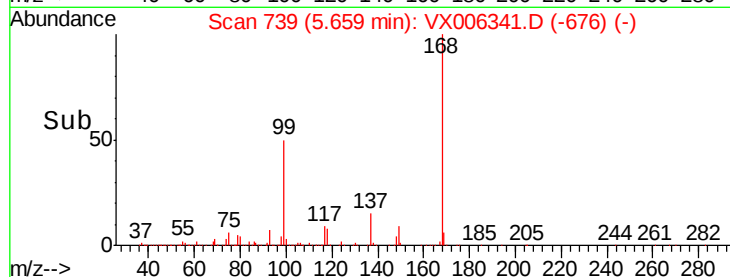
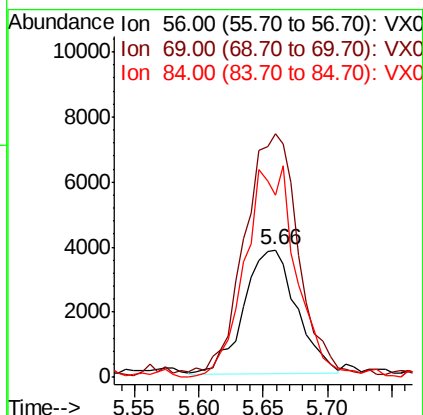
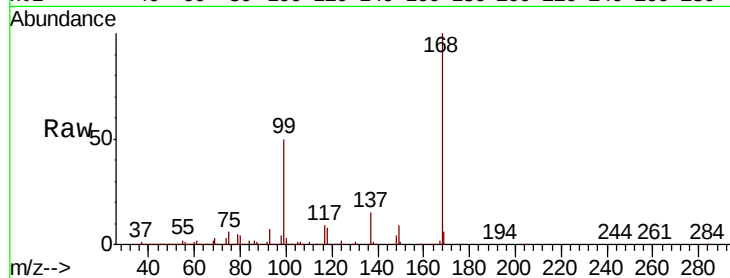




#31
Cvclohexane
Concen: 1.003 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006341.D
Acq: 07 Dec 2018 12:32

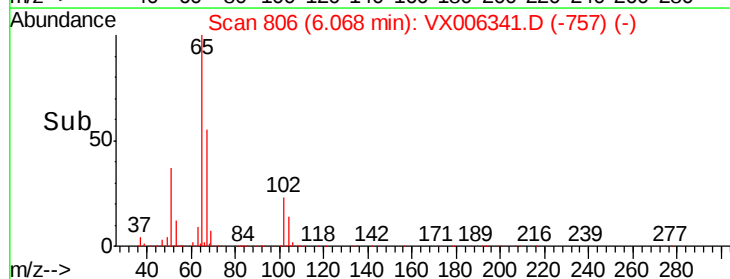
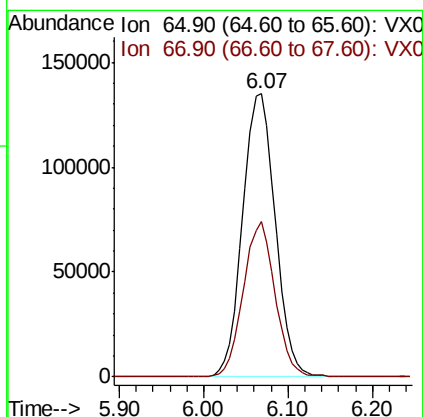
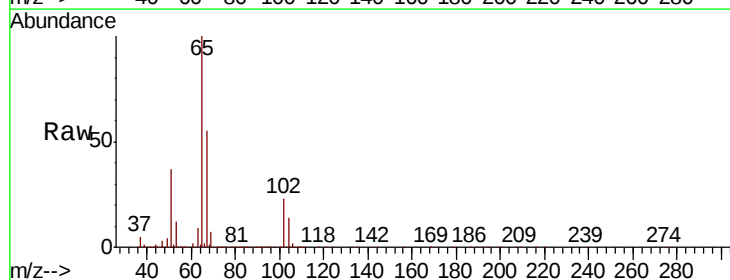
Instrument :
MSVOA_X
ClientSampled :
S32-0632

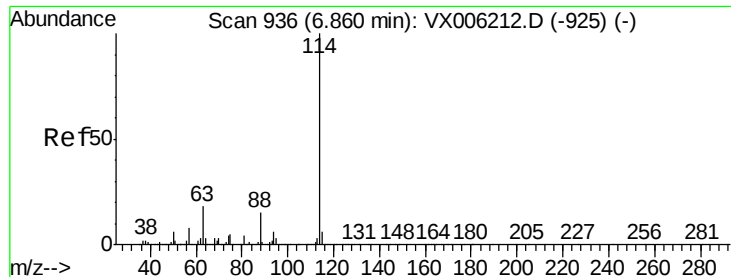
Tot Ion: 56 Resp: 10829
Ion Ratio Lower Upper
56 100
69 193.0 24.5 36.7#
84 148.3 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 47.334 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006341.D
Acq: 07 Dec 2018 12:32

Tgt Ion: 65 Resp: 353692
Ion Ratio Lower Upper
65 100
67 53.1 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: VX006341.D

Acq: 07 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

S32-0632

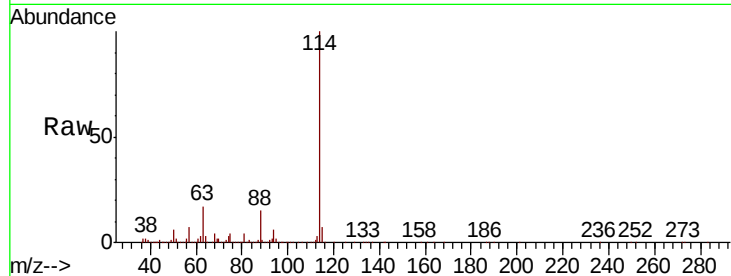
Tot Ion:114 Resp: 1089527

Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.6

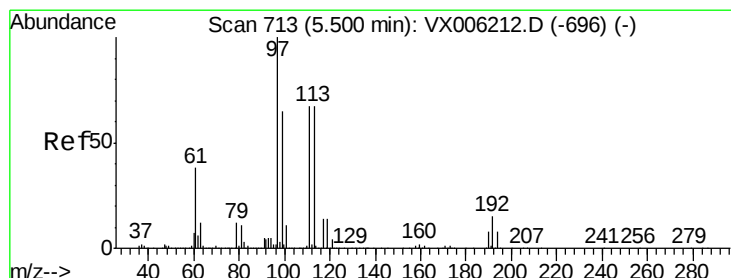
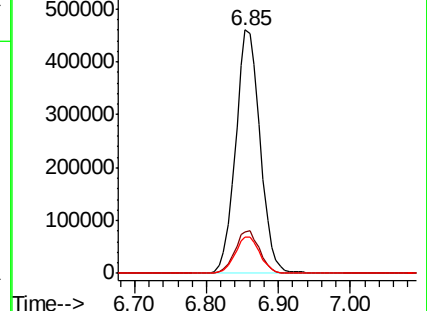
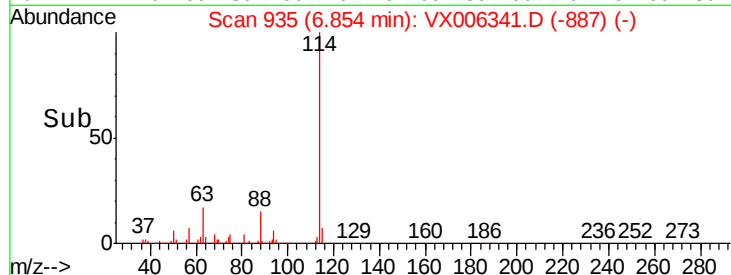
88 15.1 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.297 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006341.D

Acq: 07 Dec 2018 12:32

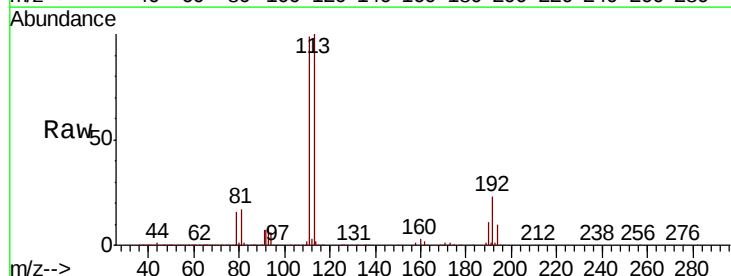
Tgt Ion:113 Resp: 333647

Ion Ratio Lower Upper

113 100

111 101.6 81.1 121.7

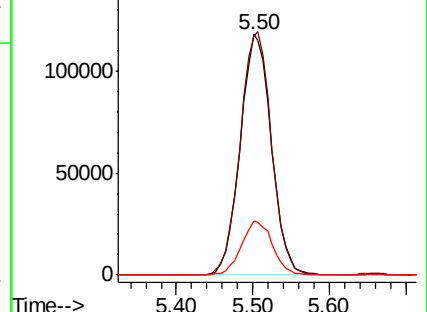
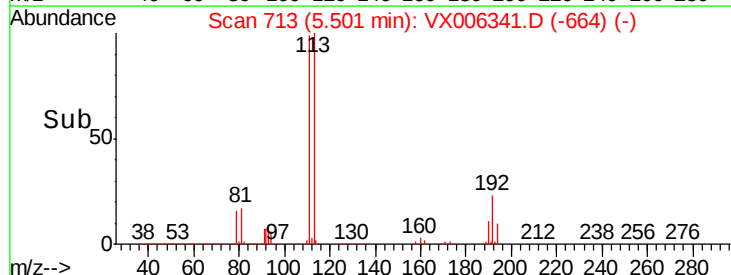
192 22.4 18.2 27.2

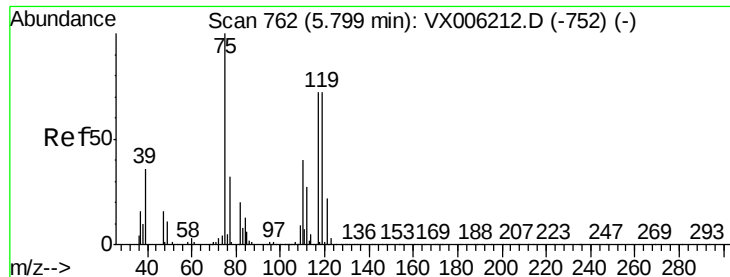


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.860 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006341.D

Acq: 07 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

S32-0632

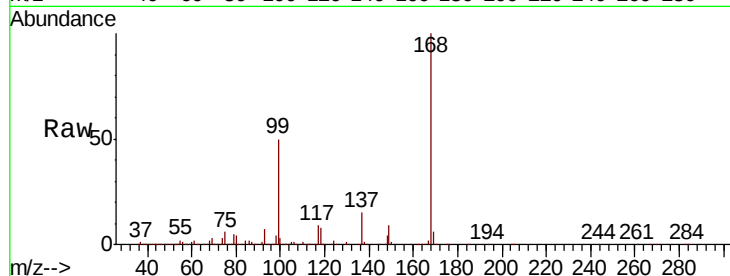
Tot Ion: 75 Resp: 44593

Ion Ratio Lower Upper

75 100

110 10.3 20.4 61.3#

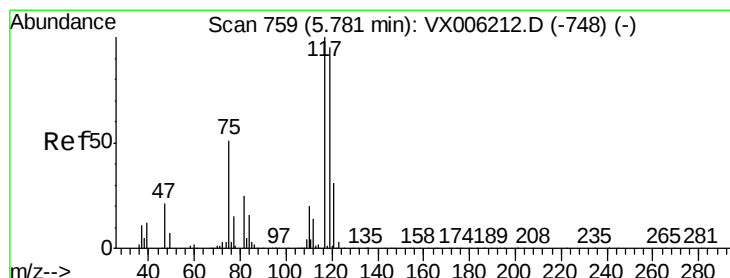
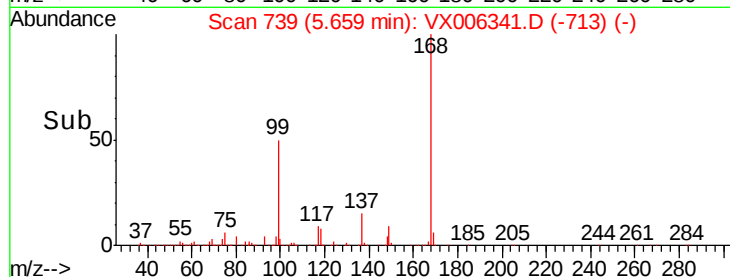
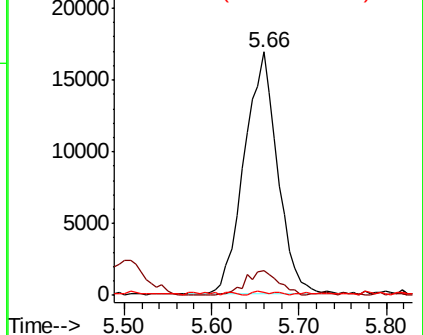
77 0.5 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.872 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006341.D

Acq: 07 Dec 2018 12:32

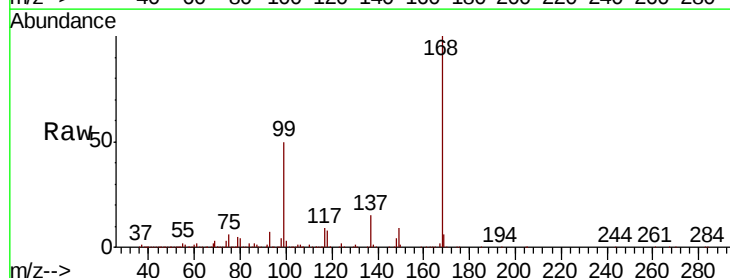
Tgt Ion: 117 Resp: 63380

Ion Ratio Lower Upper

117 100

119 5.6 75.8 113.8#

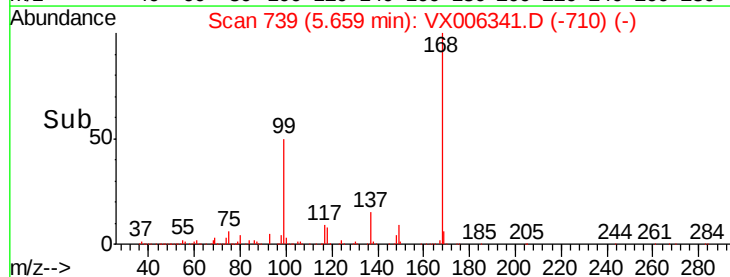
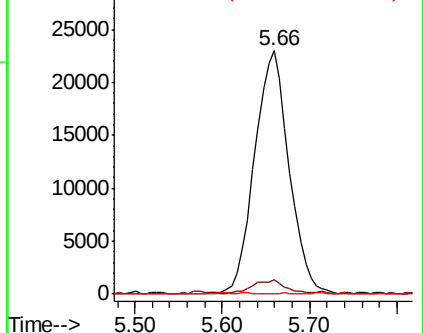
121 0.0 24.6 37.0#

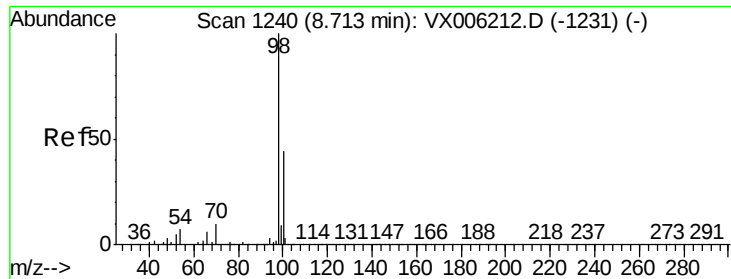


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

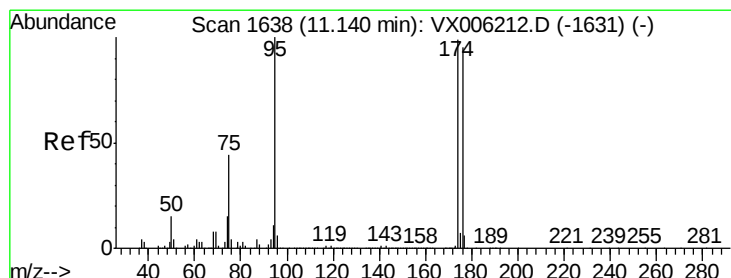
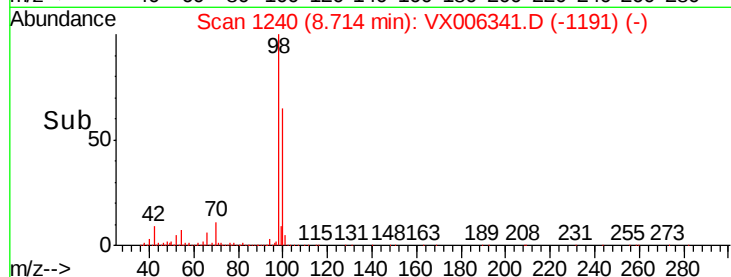
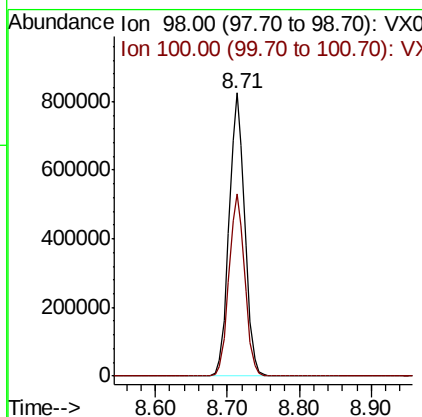
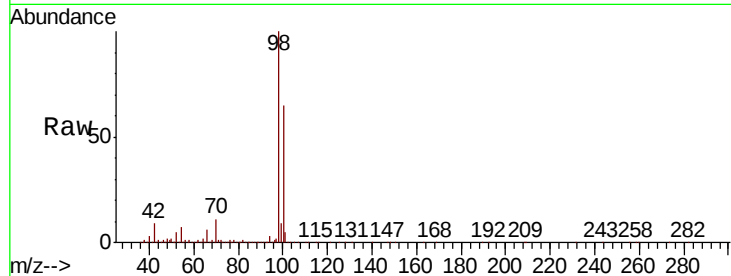




#50
Toluene-d8
Concen: 49.085 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006341.D
Acq: 07 Dec 2018 12:32

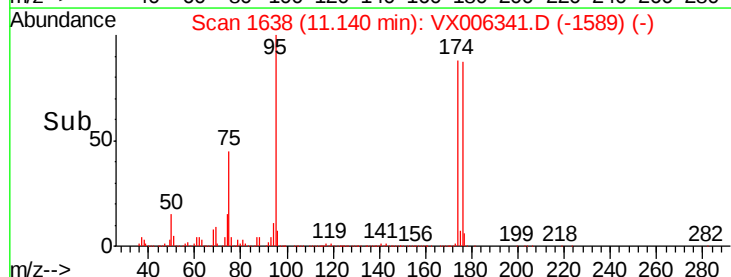
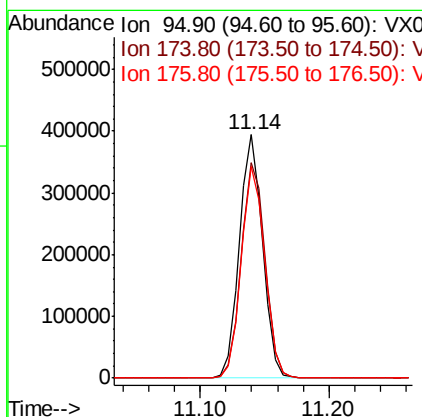
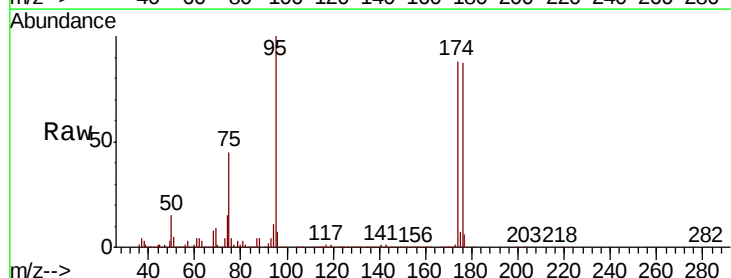
Instrument :
MSVOA_X
ClientSampleId :
S32-0632

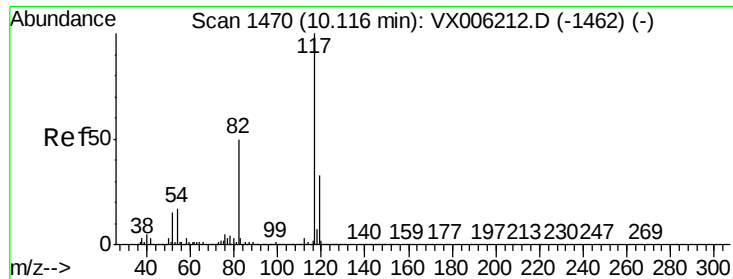
Tot Ion: 98 Resp: 1259492
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 50.785 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006341.D
Acq: 07 Dec 2018 12:32

Tgt Ion: 95 Resp: 491044
Ion Ratio Lower Upper
95 100
174 90.5 0.0 187.0
176 87.7 0.0 181.8

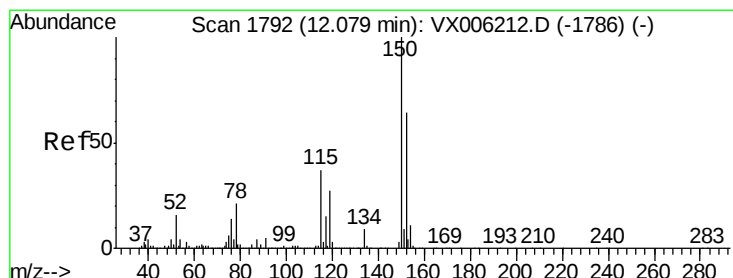
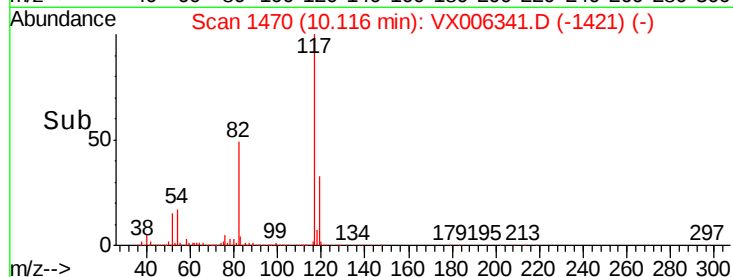
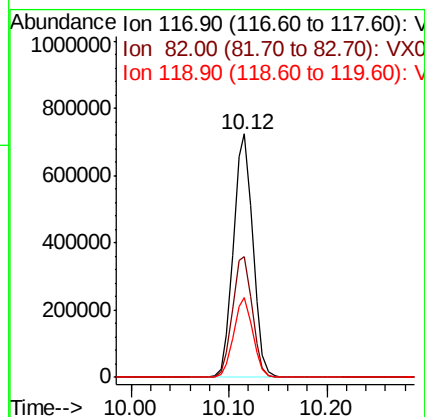
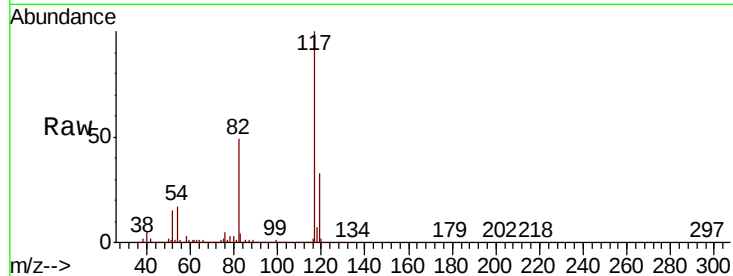




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006341.D
Acq: 07 Dec 2018 12:32

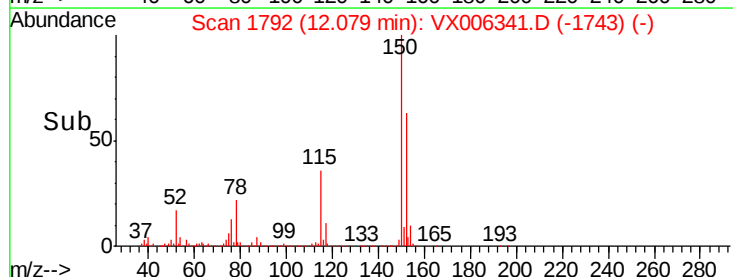
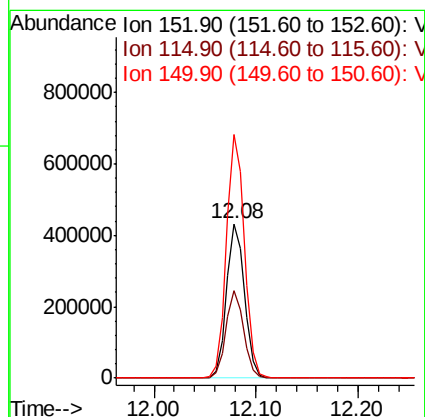
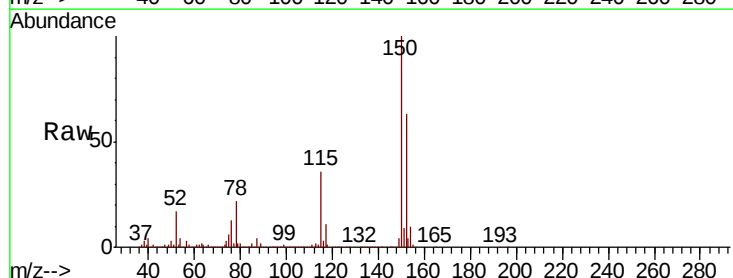
Instrument :
MSVOA_X
ClientSampleId :
S32-0632

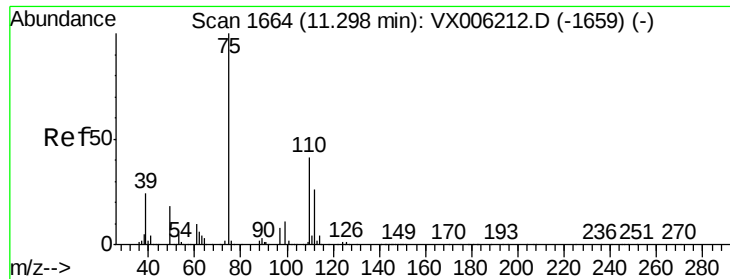
Tot Ion:117 Resp: 998031
Ion Ratio Lower Upper
117 100
82 49.3 39.6 59.4
119 32.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006341.D
Acq: 07 Dec 2018 12:32

Tgt Ion:152 Resp: 528200
Ion Ratio Lower Upper
152 100
115 55.9 39.0 116.9
150 157.8 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 21.390 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006341.D

Acq: 07 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

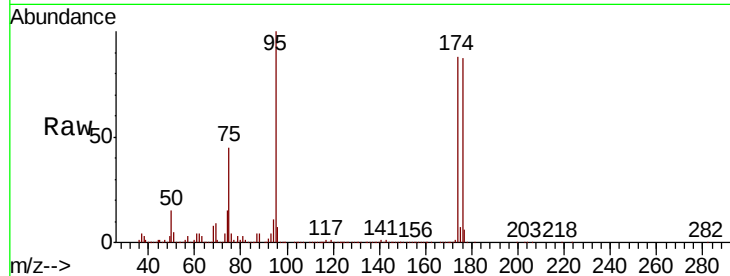
S32-0632

Tot Ion: 75 Resp: 218074

Ion Ratio Lower Upper

75 100

77 1.3 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

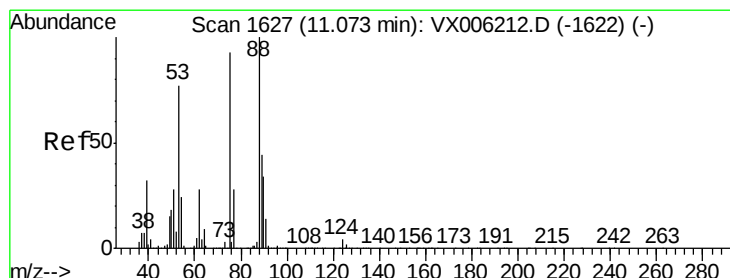
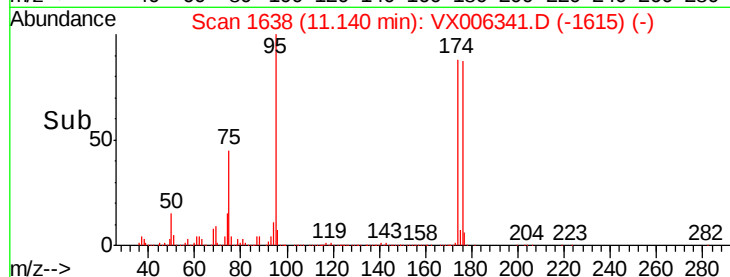
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 50.197 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006341.D

Acq: 07 Dec 2018 12:32

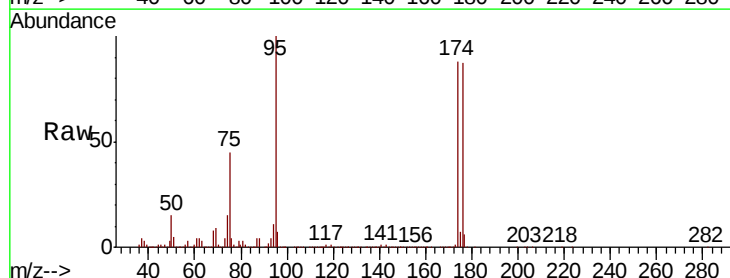
Tgt Ion: 75 Resp: 218074

Ion Ratio Lower Upper

75 100

53 0.2 64.4 96.6#

89 0.0 44.2 66.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

11.14

150000

100000

50000

0

Time-->

