

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006282.D
 Acq On : 04 Dec 2018 16:55
 Operator : JC/MD
 Sample : J6232-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0643

Quant Time: Dec 05 01:05:36 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	839686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1265889	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1152988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	557886	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	418110	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
35) Dibromofluoromethane	5.50	113	399103	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
50) Toluene-d8	8.71	98	1479576	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.13	95	550536	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	

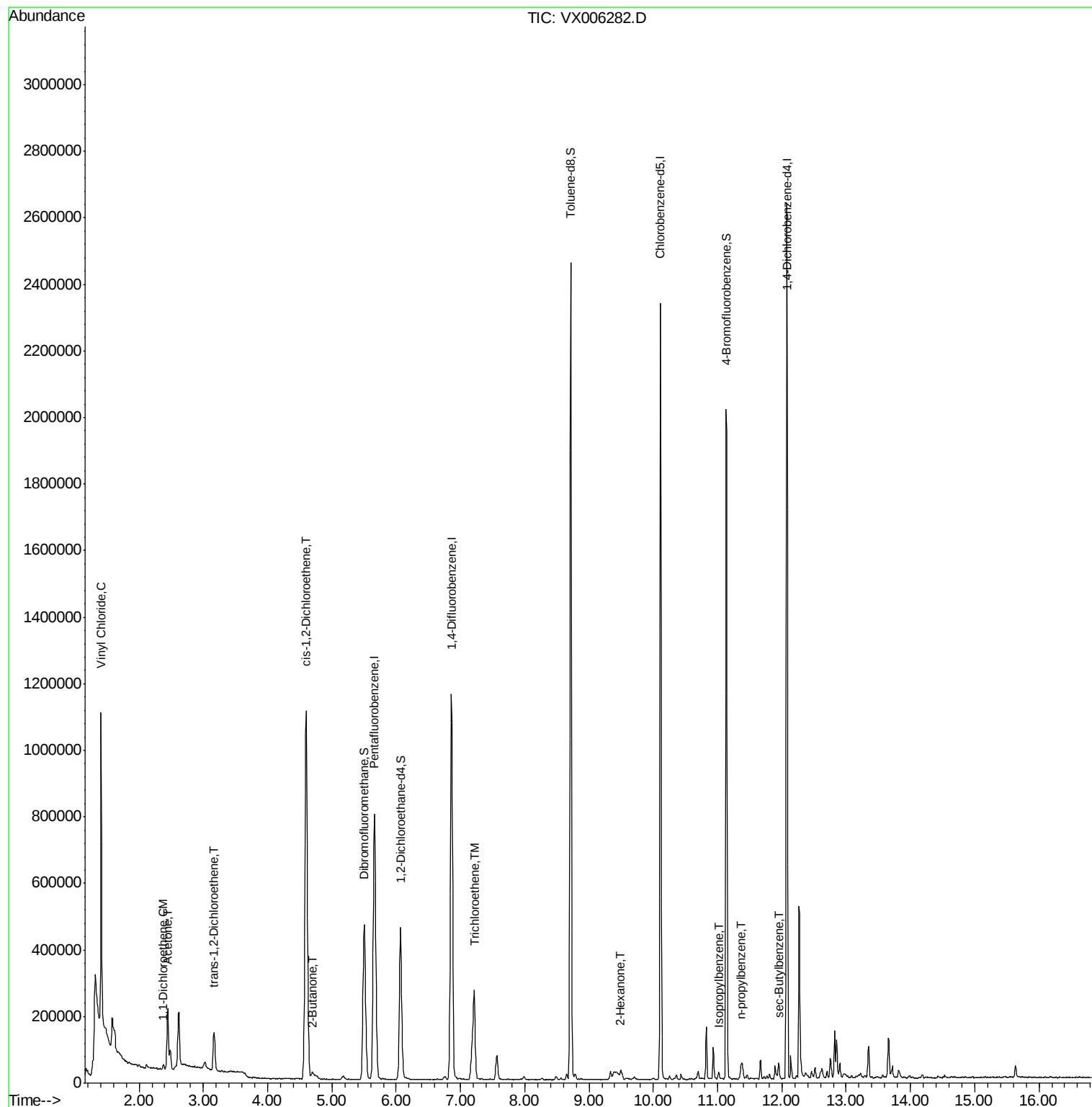
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	576679	63.419	ug/l	91
12) 1,1-Dichloroethene	2.37	96	5365	0.706	ug/l	92
16) Acetone	2.45	43	192014	47.732	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	48766	6.023	ug/l	97
25) 2-Butanone	4.70	43	35996	6.271	ug/l #	89
27) cis-1,2-Dichloroethene	4.60	96	761625	84.328	ug/l	90
44) Trichloroethene	7.21	130	105014	10.857	ug/l	98
59) 2-Hexanone	9.49	43	8974	1.014	ug/l	83
73) Isopropylbenzene	11.02	105	10155	0.264	ug/l	92
78) n-propylbenzene	11.36	91	16141	0.377	ug/l	93
85) sec-Butylbenzene	11.94	105	13575	0.349	ug/l	99

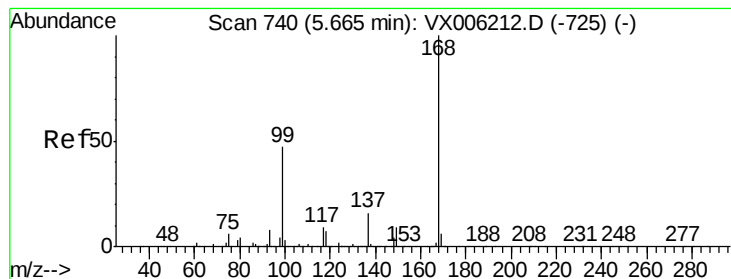
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
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Acq On : 04 Dec 2018 16:55
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S32-0643

Quant Time: Dec 05 01:05:36 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: VX006282.D

Acq: 04 Dec 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

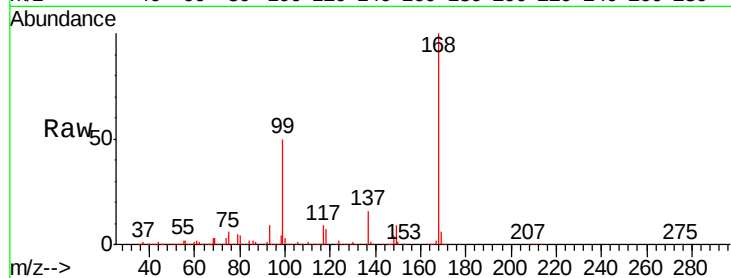
S32-0643

Tgt Ion:168 Resp: 839686

Ion Ratio Lower Upper

168 100

99 50.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

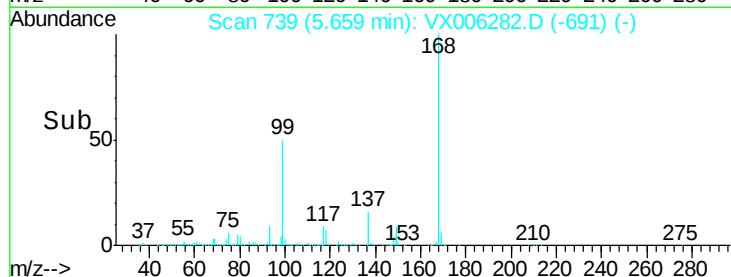
300000

200000

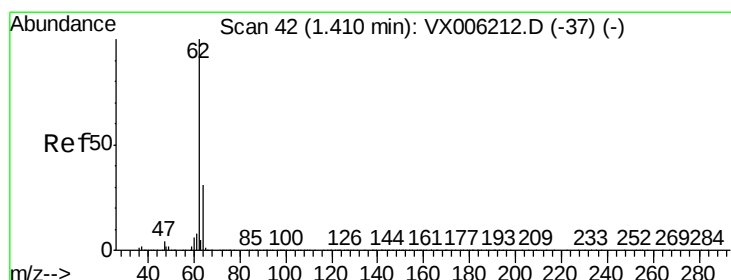
100000

0

5.50 5.60 5.70 5.80



Time-->



#4

Vinyl Chloride

Concen: 63.419 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006282.D

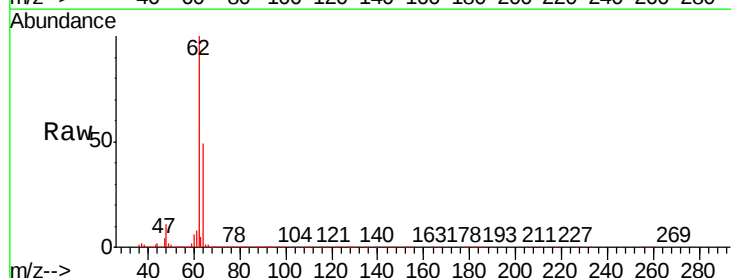
Acq: 04 Dec 2018 16:55

Tgt Ion: 62 Resp: 576679

Ion Ratio Lower Upper

62 100

64 36.3 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

600000

500000

400000

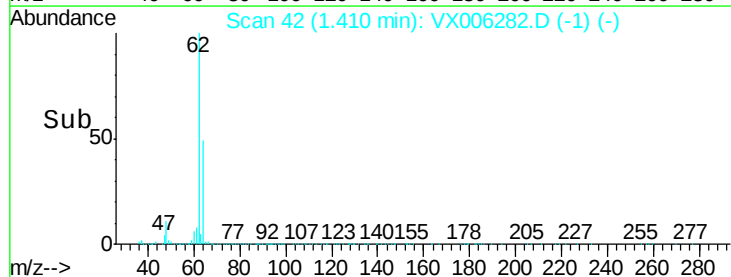
300000

200000

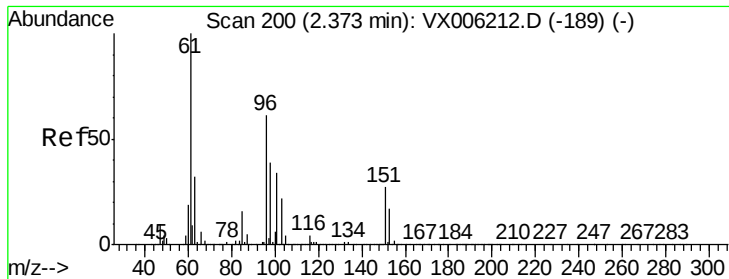
100000

0

1.30 1.40 1.50



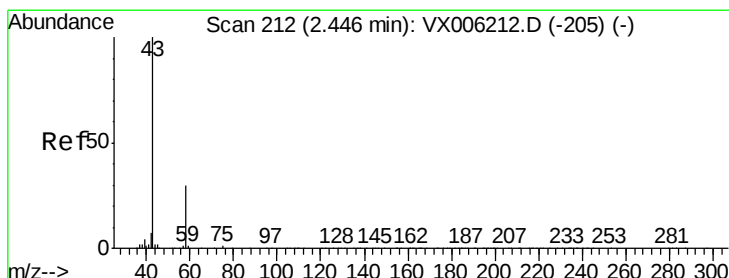
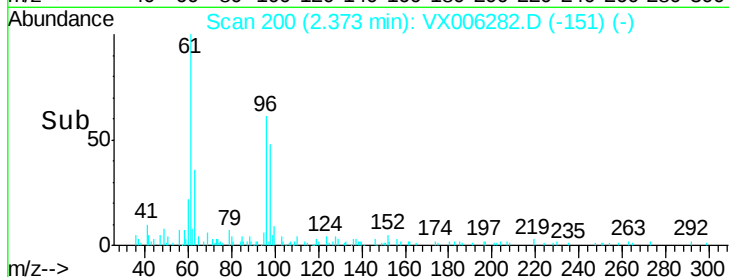
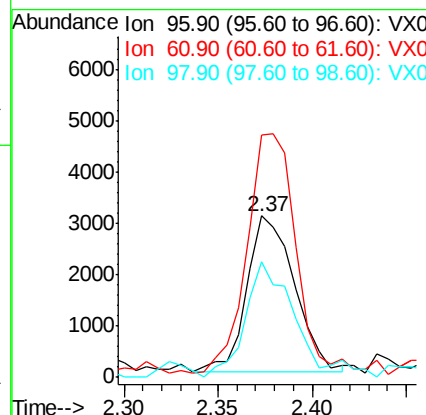
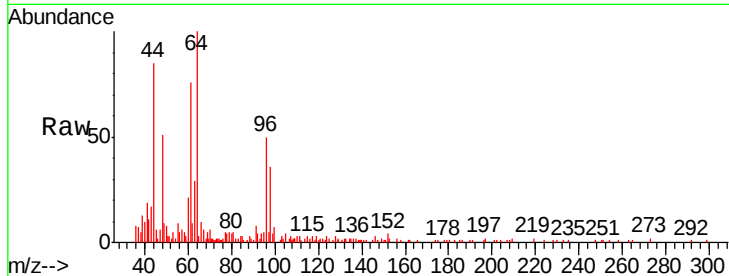
Time-->



#12
 1,1-Dichloroethene
 Concen: 0.706 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX006282.D
 Acq: 04 Dec 2018 16:55

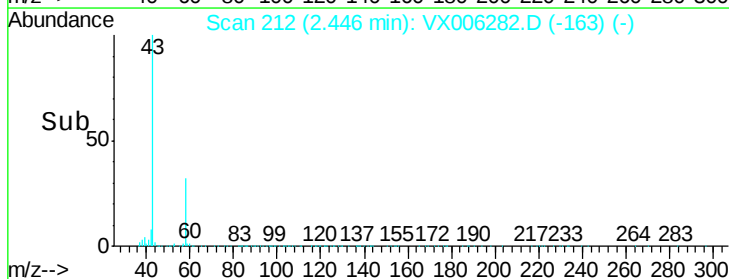
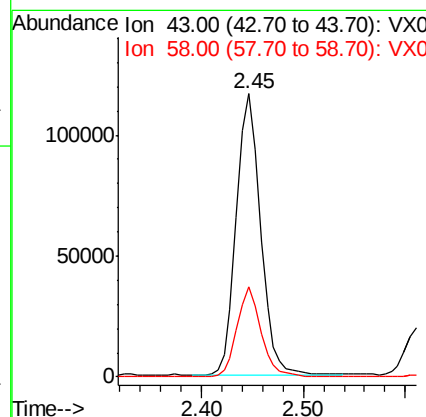
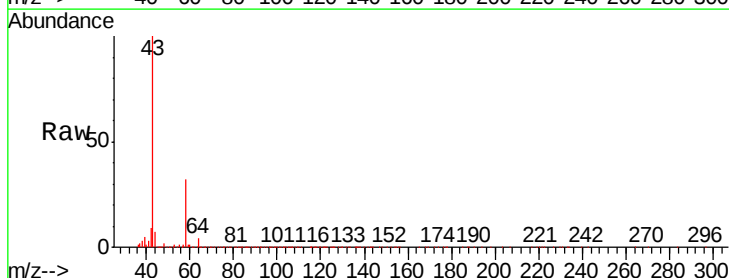
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0643

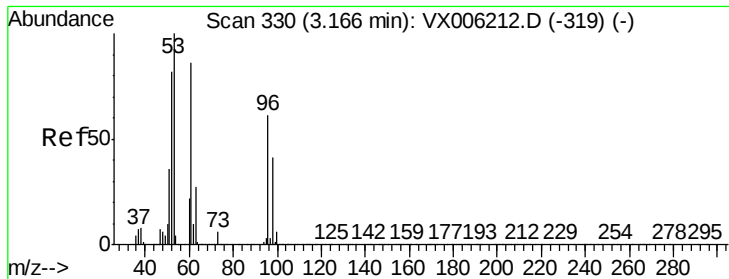
Tgt Ion: 96 Resp: 5365
 Ion Ratio Lower Upper
 96 100
 61 152.7 131.7 197.5
 98 69.4 51.8 77.6



#16
 Acetone
 Concen: 47.732 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006282.D
 Acq: 04 Dec 2018 16:55

Tgt Ion: 43 Resp: 192014
 Ion Ratio Lower Upper
 43 100
 58 32.0 24.0 36.0





#21

trans-1,2-Dichloroethene

Concen: 6.023 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006282.D

Acq: 04 Dec 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

S32-0643

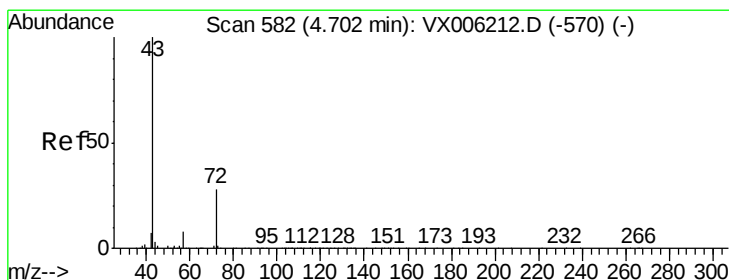
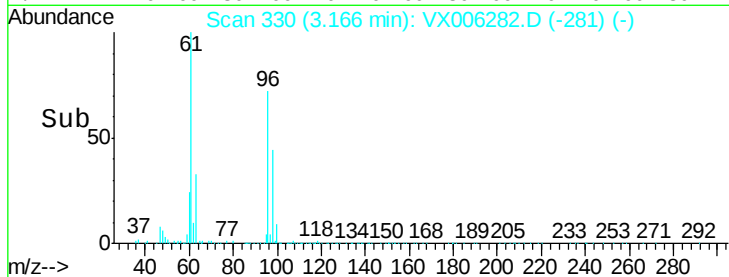
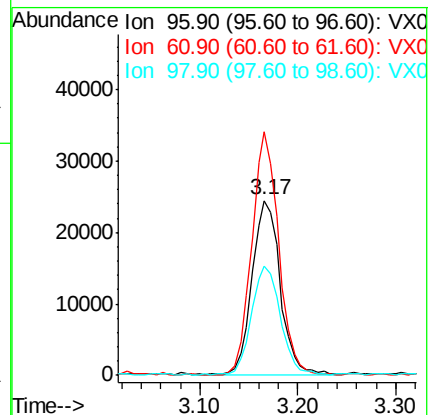
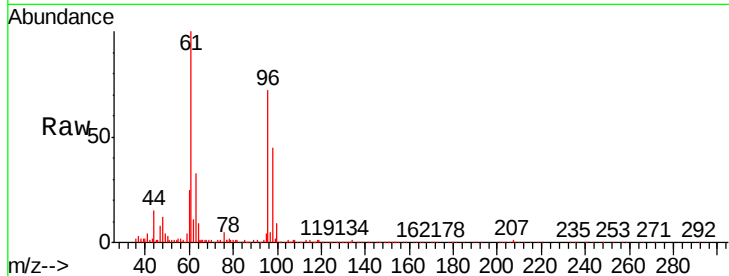
Tgt Ion: 96 Resp: 48766

Ion Ratio Lower Upper

96 100

61 139.2 113.3 169.9

98 62.0 53.2 79.8



#25

2-Butanone

Concen: 6.271 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006282.D

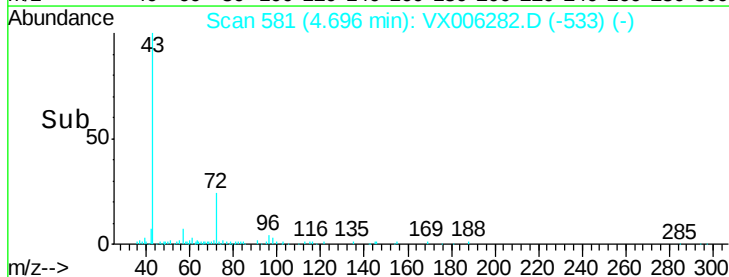
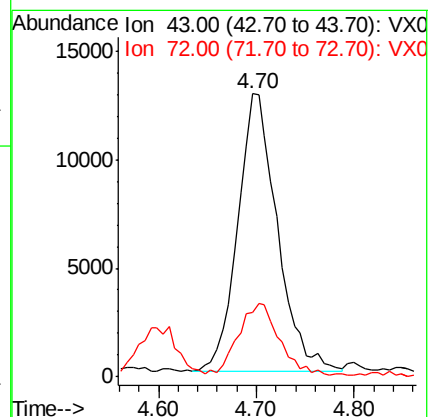
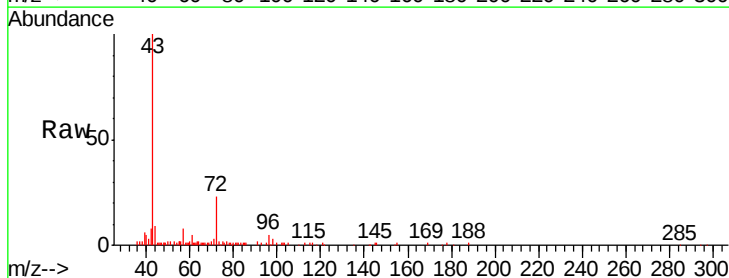
Acq: 04 Dec 2018 16:55

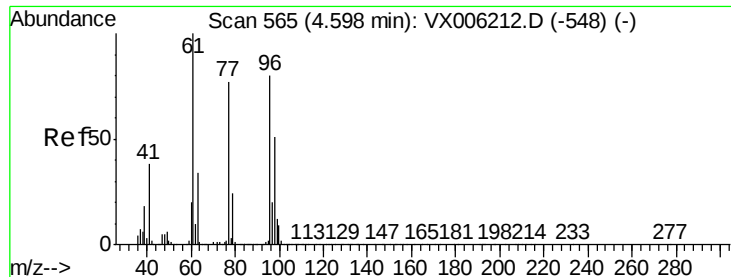
Tgt Ion: 43 Resp: 35996

Ion Ratio Lower Upper

43 100

72 22.2 22.6 33.8#



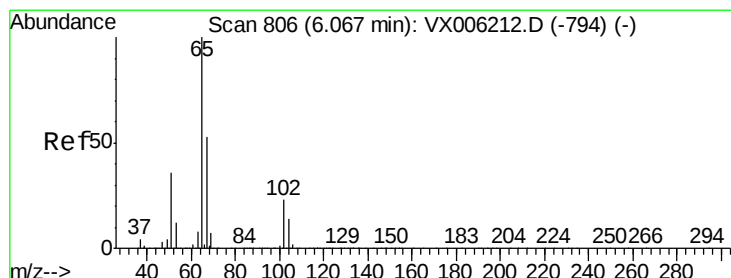
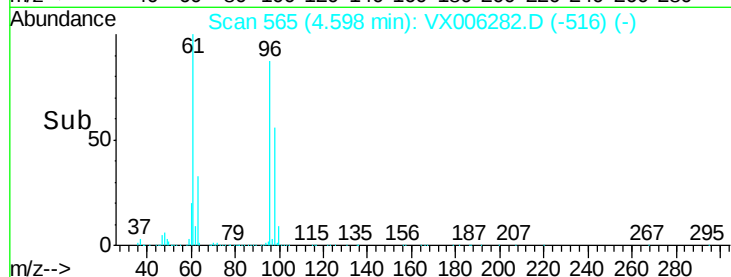
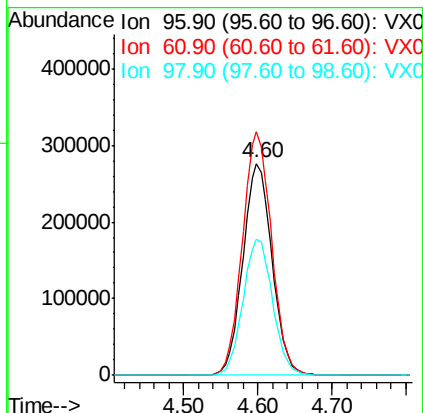
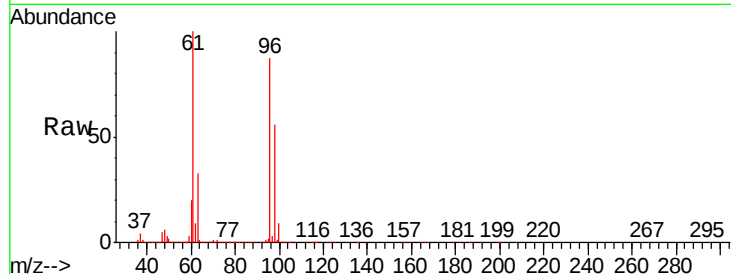


#27

cis-1,2-Dichloroethene
Concen: 84.328 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampled :
S32-0643

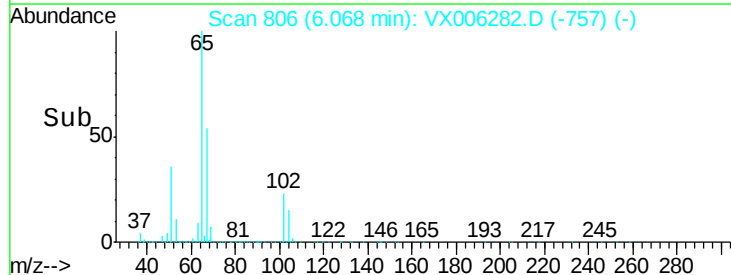
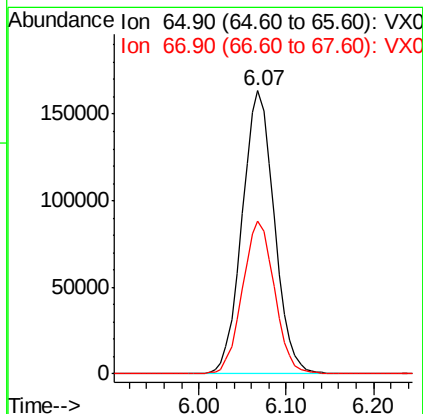
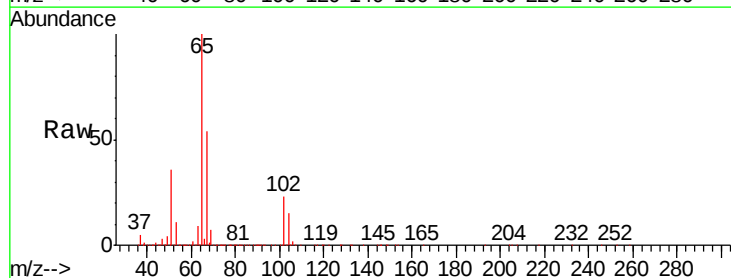
Tgt Ion	Ratio	Lower	Upper
96	100		
61	115.0	0.0	265.0
98	65.0	0.0	130.2

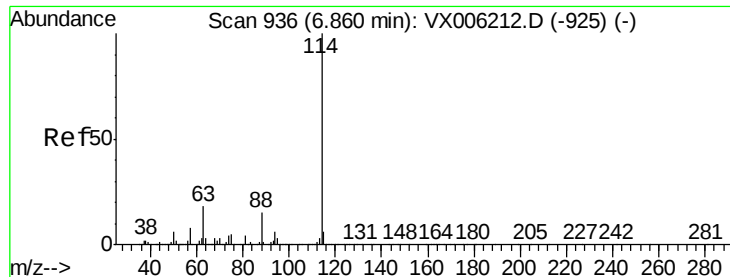


#33

1,2-Dichloroethane-d4
Concen: 48.777 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.4	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: VX006282.D

Acq: 04 Dec 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

S32-0643

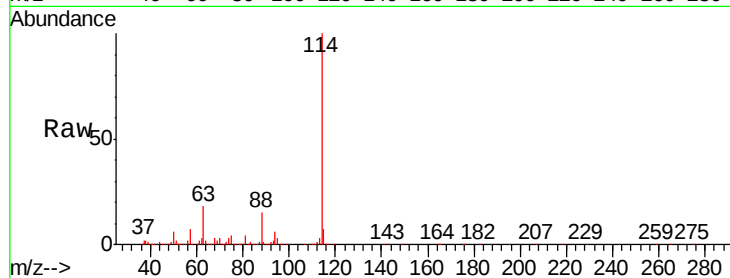
Tgt Ion:114 Resp: 1265889

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

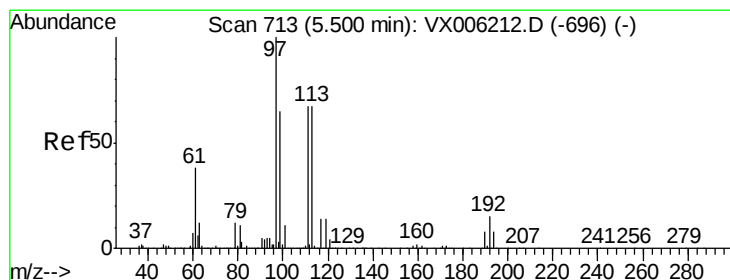
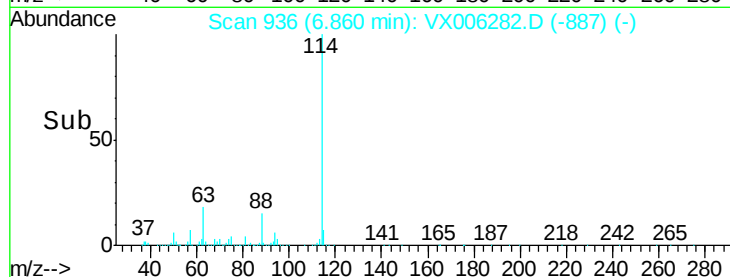
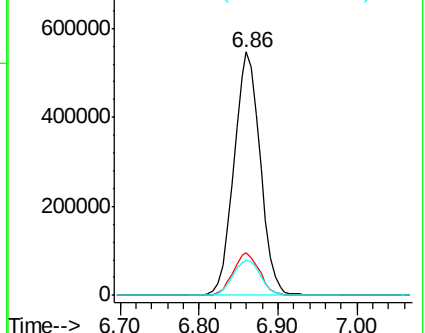
88 14.5 0.0 29.0



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: 48.694 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006282.D

Acq: 04 Dec 2018 16:55

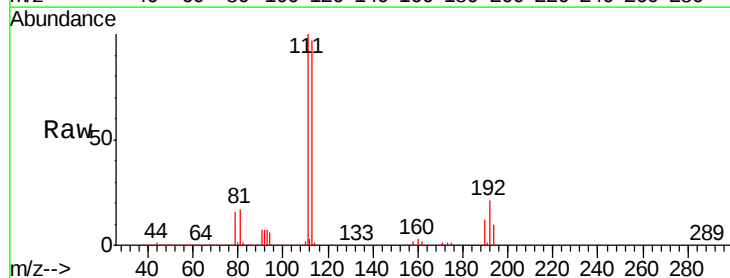
Tgt Ion:113 Resp: 399103

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

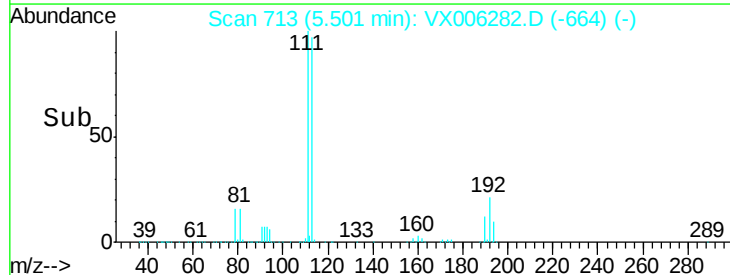
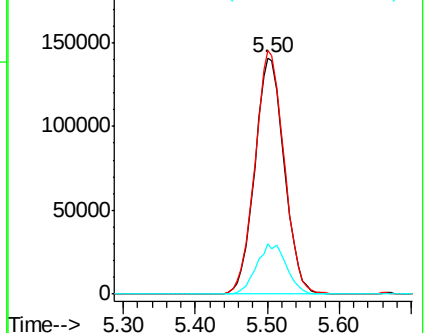
192 21.6 18.2 27.2

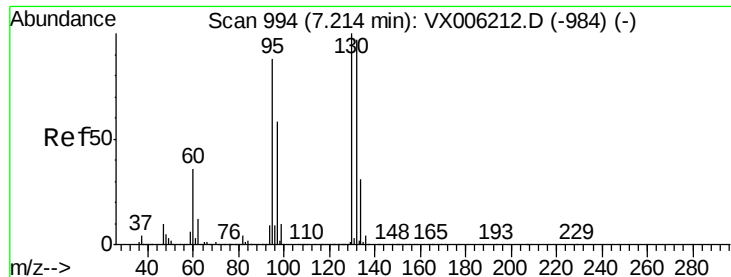


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 10.857 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006282.D

Acq: 04 Dec 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

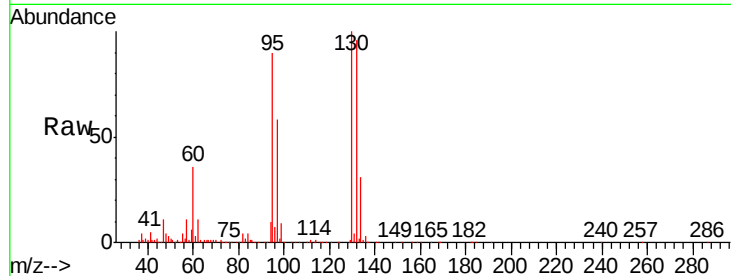
S32-0643

Tgt Ion:130 Resp: 105014

Ion Ratio Lower Upper

130 100

95 90.0 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

60000

50000

40000

30000

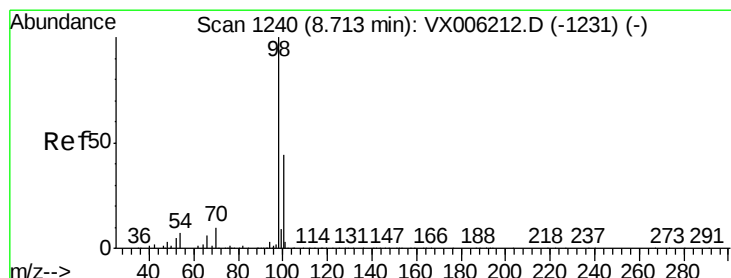
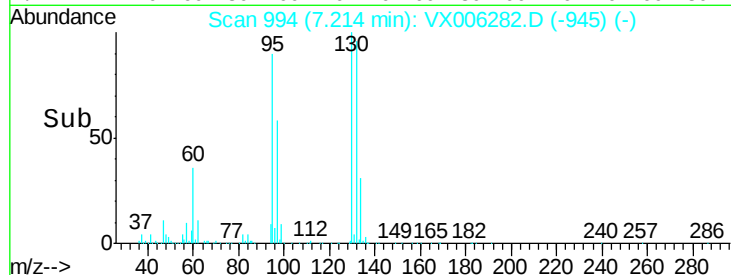
20000

10000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#50

Toluene-d8

Concen: 49.629 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006282.D

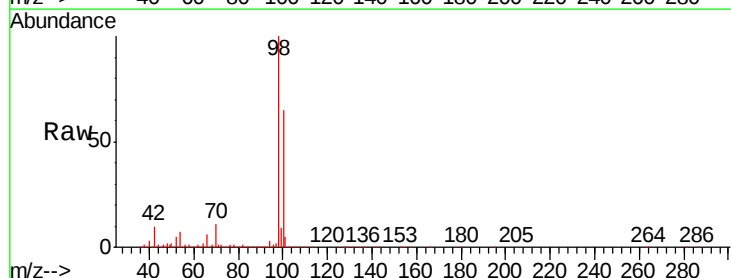
Acq: 04 Dec 2018 16:55

Tgt Ion: 98 Resp: 1479576

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

1000000

800000

600000

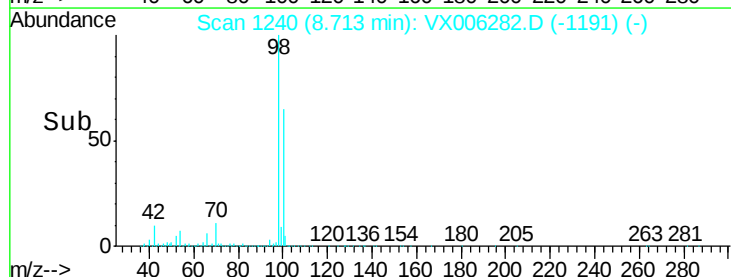
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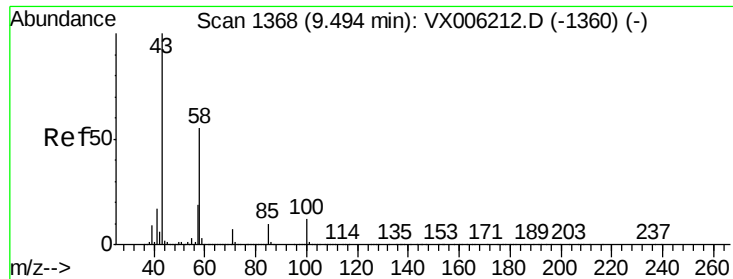
200000

0

8.60 8.70 8.80 8.90

Time-->

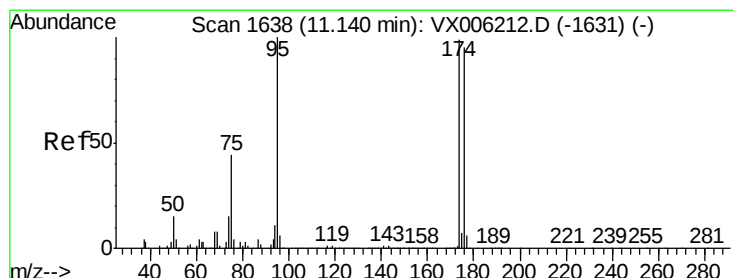
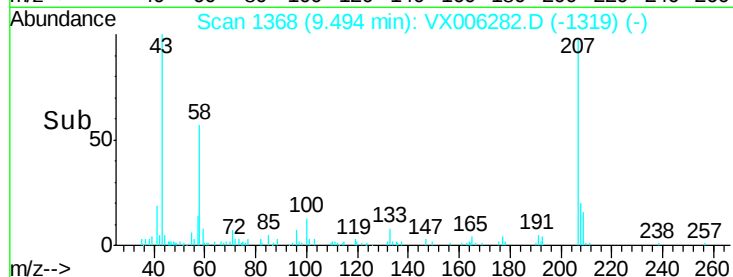
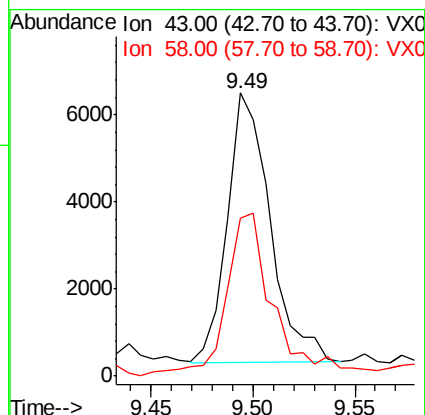
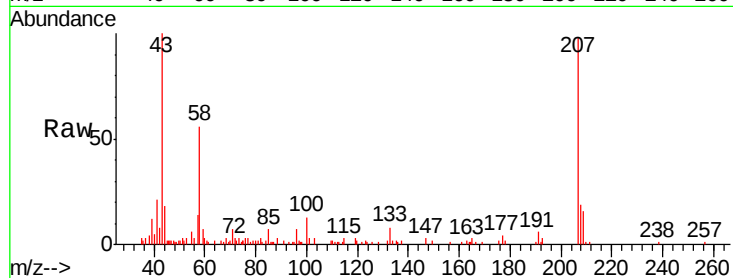




#59
2-Hexanone
Concen: 1.014 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

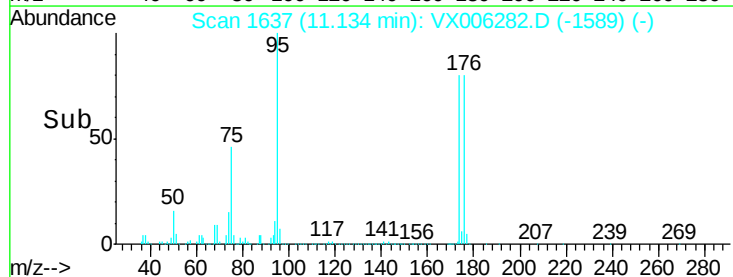
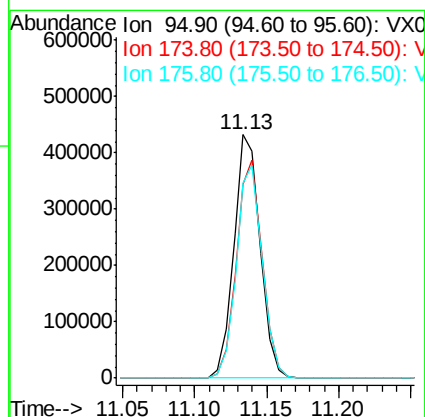
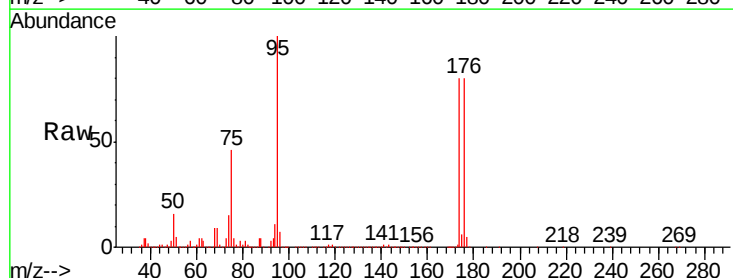
Instrument :
MSVOA_X
ClientSampleId :
S32-0643

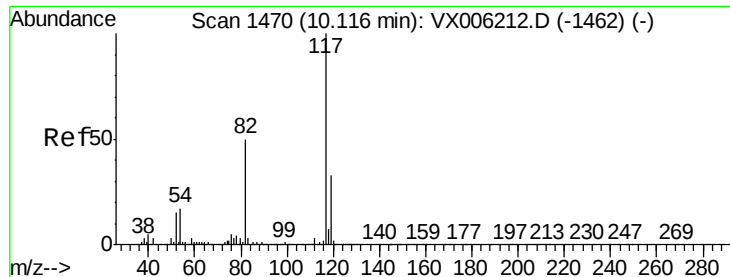
Tgt Ion: 43 Resp: 8974
Ion Ratio Lower Upper
43 100
58 67.8 27.7 83.1



#62
4-Bromofluorobenzene
Concen: 49.005 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion: 95 Resp: 550536
Ion Ratio Lower Upper
95 100
174 88.1 0.0 187.0
176 86.3 0.0 181.8

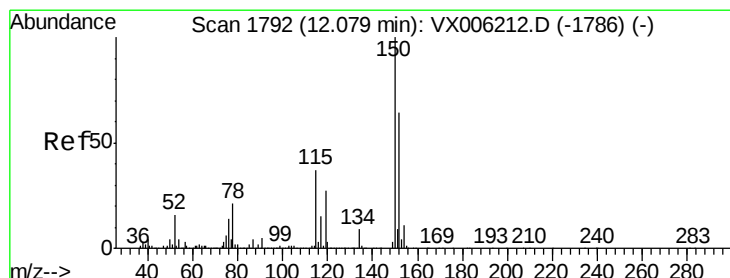
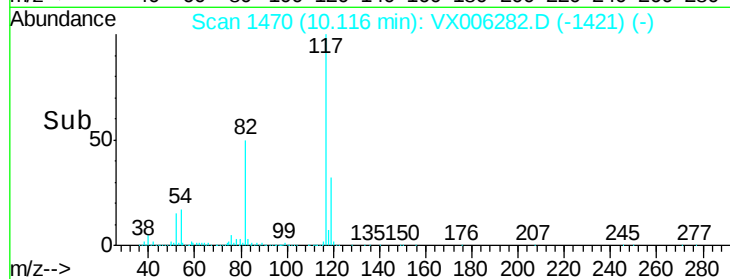
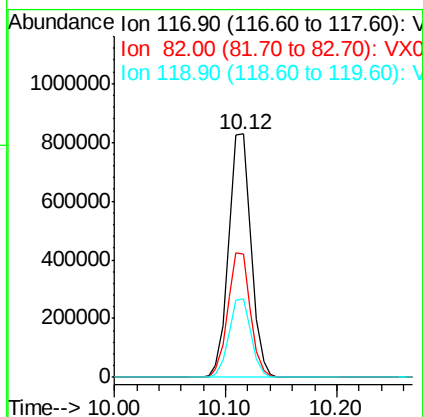
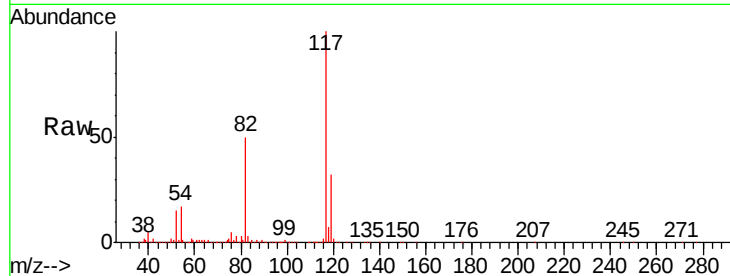




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

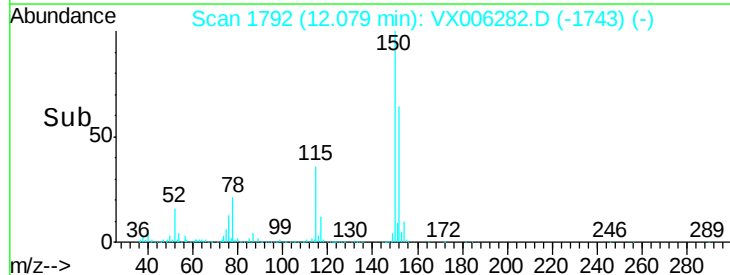
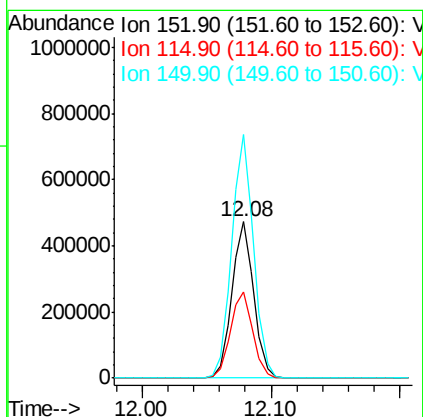
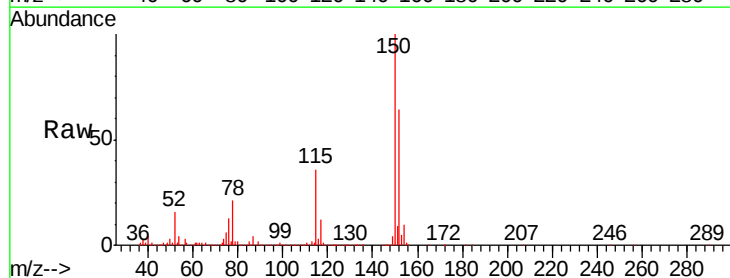
Instrument :
MSVOA_X
ClientSampled :
S32-0643

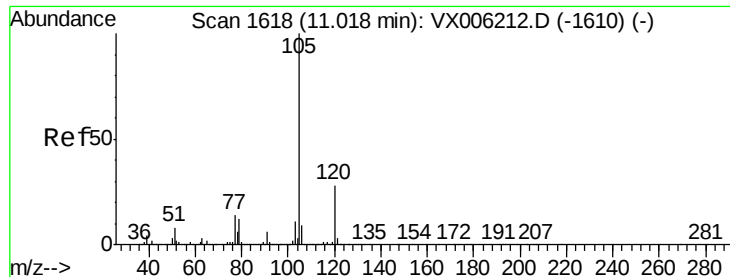
Tgt Ion:117 Resp: 1152988
Ion Ratio Lower Upper
117 100
82 50.4 39.6 59.4
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006282.D
Acq: 04 Dec 2018 16:55

Tgt Ion:152 Resp: 557886
Ion Ratio Lower Upper
152 100
115 56.8 39.0 116.9
150 156.3 0.0 345.8





#73

Isopropylbenzene

Concen: 0.264 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006282.D

Acq: 04 Dec 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

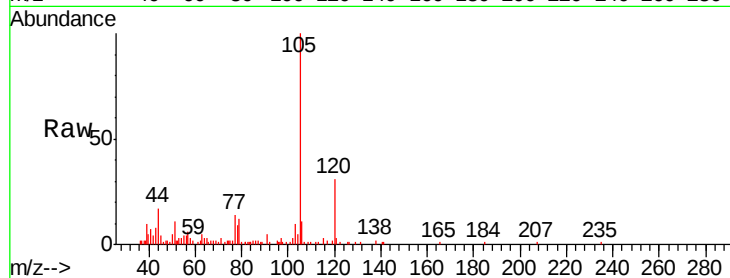
S32-0643

Tgt Ion: 105 Resp: 10155

Ion Ratio Lower Upper

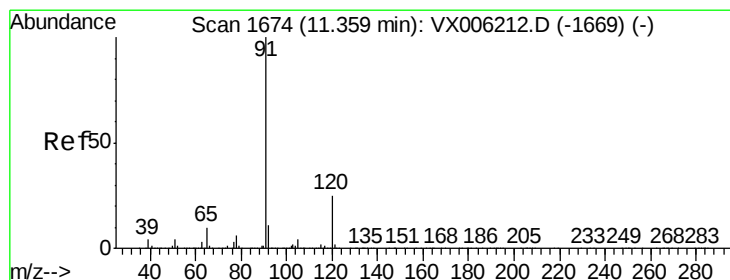
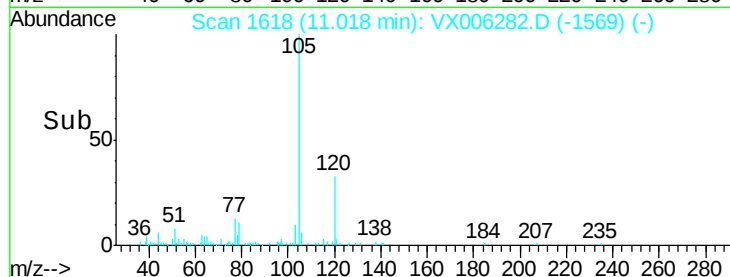
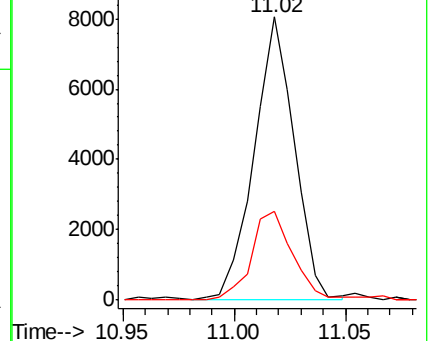
105 100

120 32.6 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.377 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006282.D

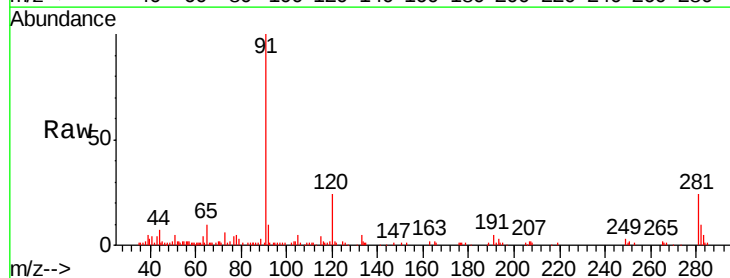
Acq: 04 Dec 2018 16:55

Tgt Ion: 91 Resp: 16141

Ion Ratio Lower Upper

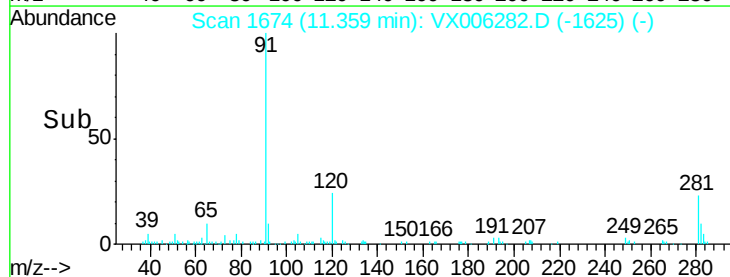
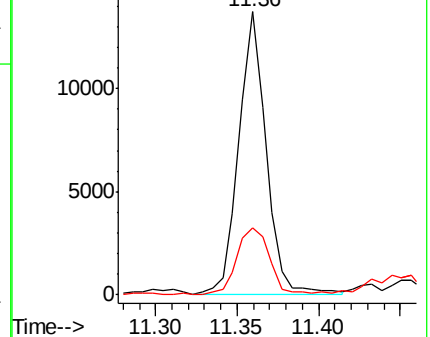
91 100

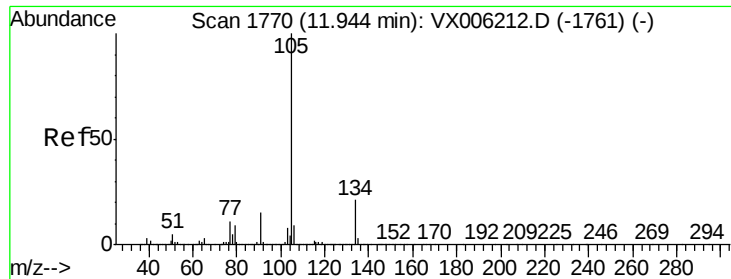
120 28.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#85
 sec-Butylbenzene
 Concen: 0.349 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006282.D
 Acq: 04 Dec 2018 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0643

Tgt Ion: 105 Resp: 13575
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.8 32.4

