

Data File : VX002843.D
Acq On : 22 Jun 2018 20:52
Operator : JC/MD
Sample : J3592-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-0626

Quant Time: Jul 09 05:03:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

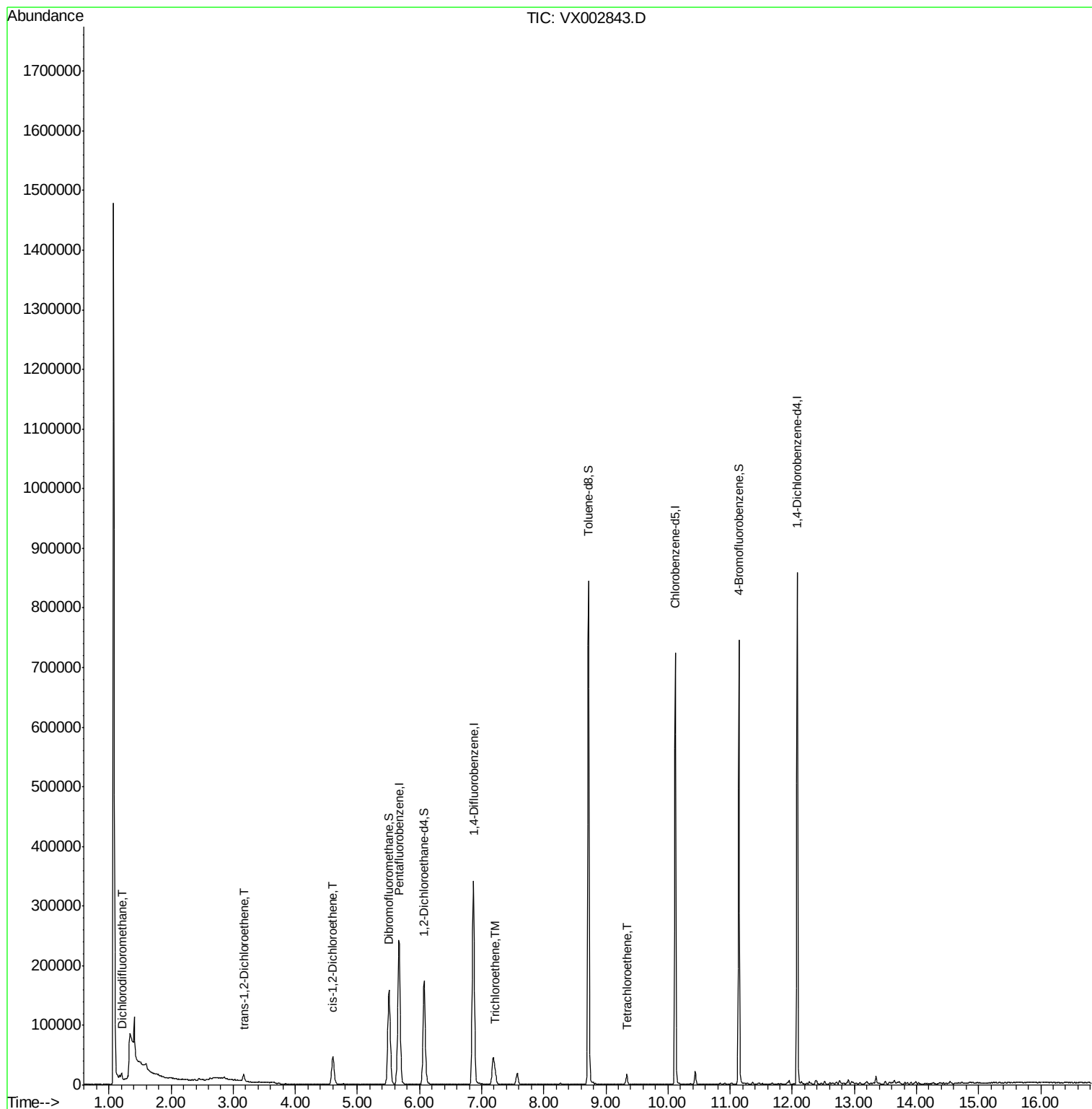
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	177843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163736	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
35) Dibromofluoromethane	5.51	113	129610	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	8.72	98	480284	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
62) 4-Bromofluorobenzene	11.14	95	167157	43.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.44%	
Target Compounds						
2) Dichlorodifluoromethane	1.20	85	3774	1.493	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	4399	1.524	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	27296	9.295	ug/l	98
44) Trichloroethene	7.22	130	6471	2.090	ug/l	97
64) Tetrachloroethene	9.34	164	3276	0.934	ug/l	95

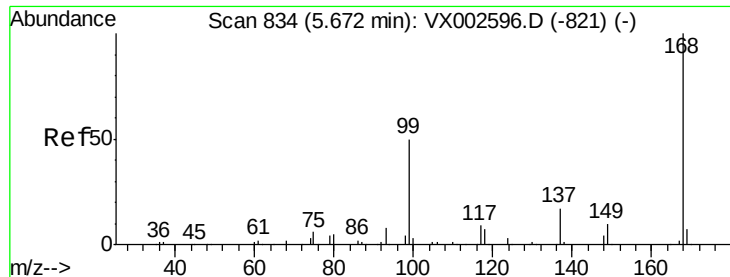
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002843.D

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Instrument :

MSVOA_X

ClientSampleId :

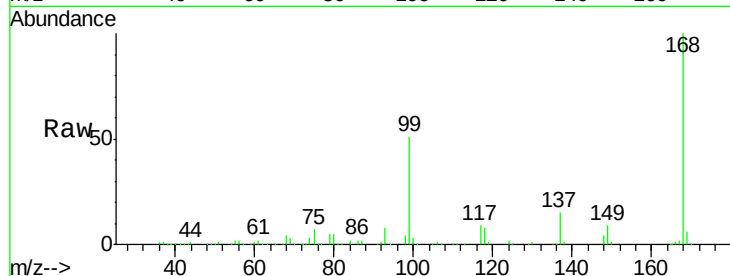
S32-0626

Tgt Ion:168 Resp: 238107

Ion Ratio Lower Upper

168 100

99 50.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

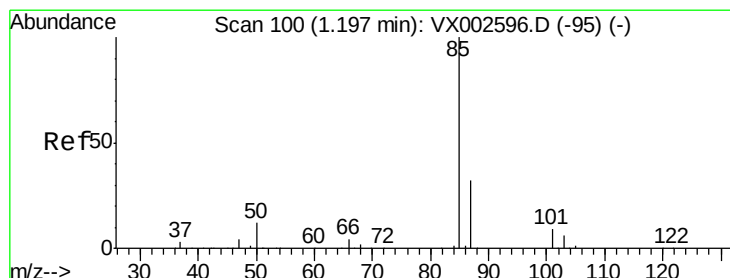
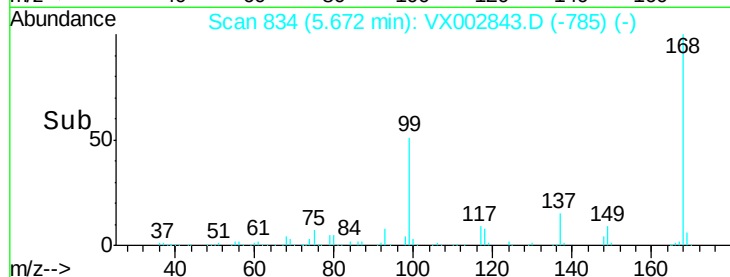
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.493 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002843.D

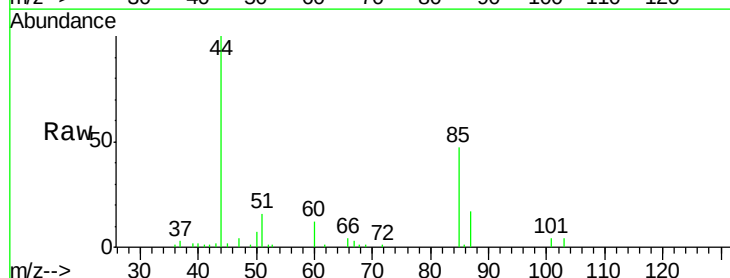
Acq: 22 Jun 2018 20:52

Tgt Ion: 85 Resp: 3774

Ion Ratio Lower Upper

85 100

87 35.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

4000

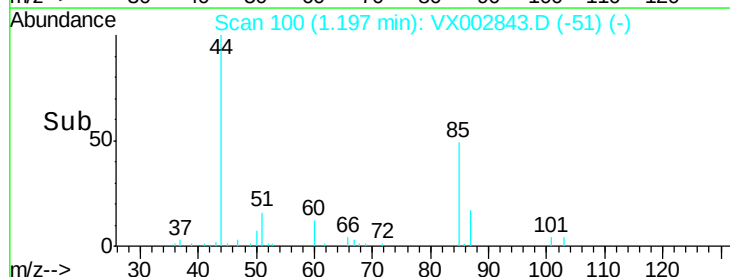
3000

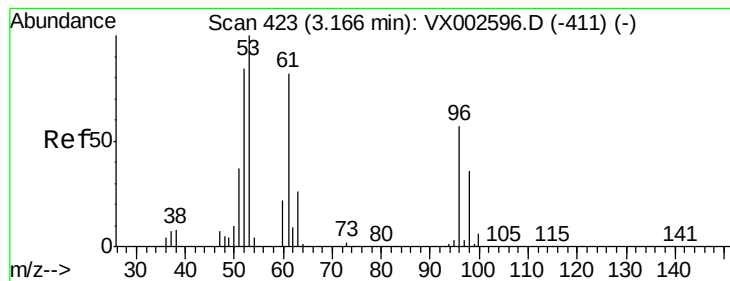
2000

1000

0

Time--> 1.15 1.20 1.25





#21

trans-1,2-Dichloroethene

Concen: 1.524 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002843.D

Acq: 22 Jun 2018 20:52

Instrument :

MSVOA_X

ClientSampled :

S32-0626

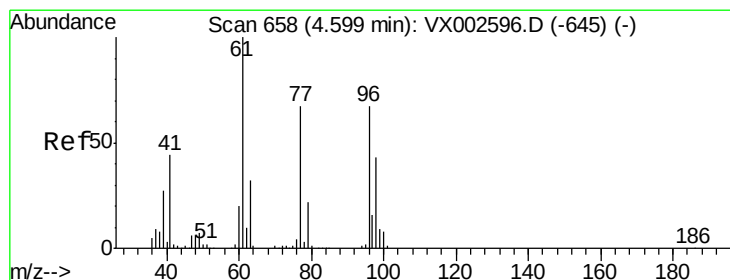
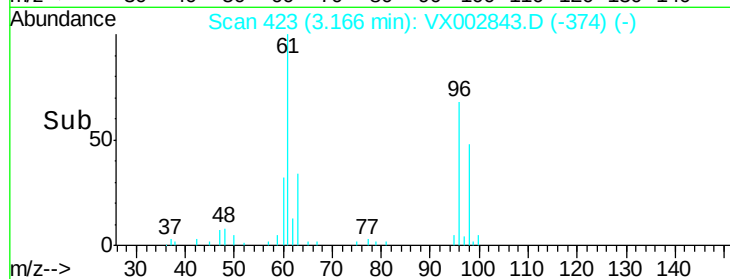
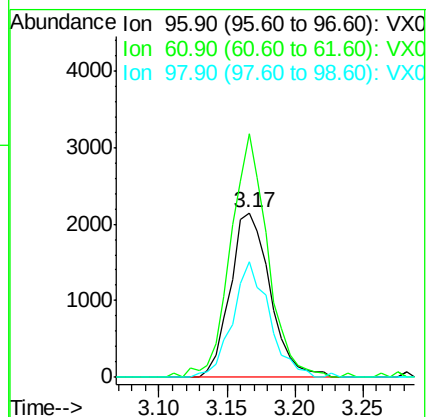
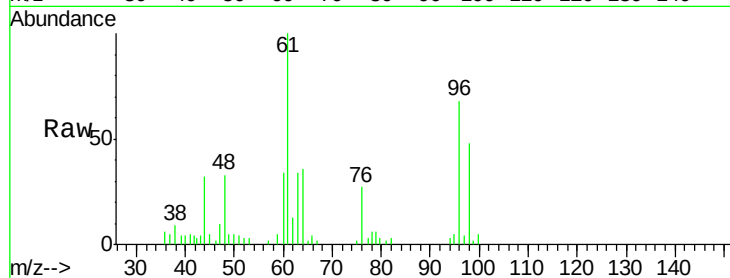
Tgt Ion: 96 Resp: 4399

Ion Ratio Lower Upper

96 100

61 148.1 117.0 175.4

98 70.4 52.4 78.6



#27

cis-1,2-Dichloroethene

Concen: 9.295 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002843.D

Acq: 22 Jun 2018 20:52

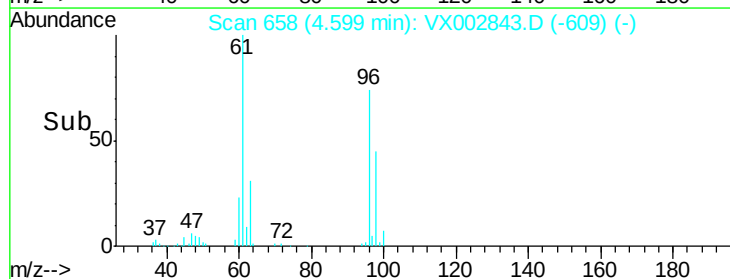
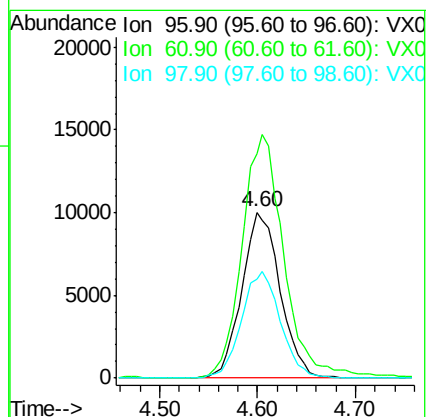
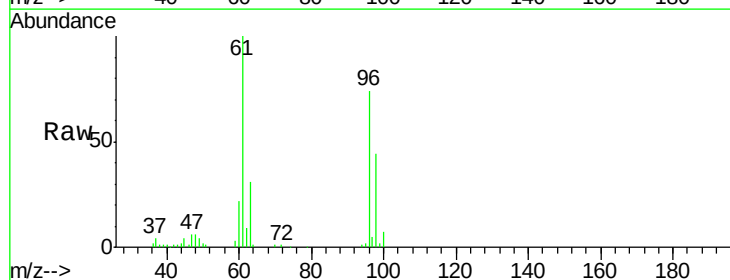
Tgt Ion: 96 Resp: 27296

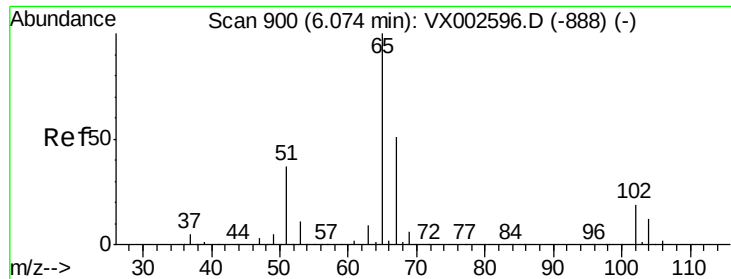
Ion Ratio Lower Upper

96 100

61 161.2 0.0 330.2

98 64.9 0.0 130.2

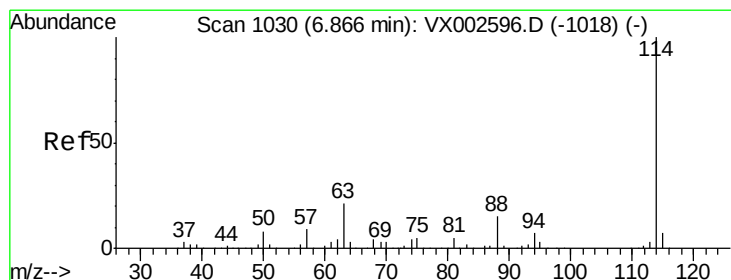
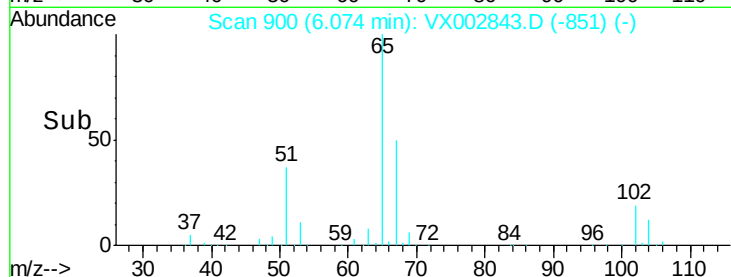
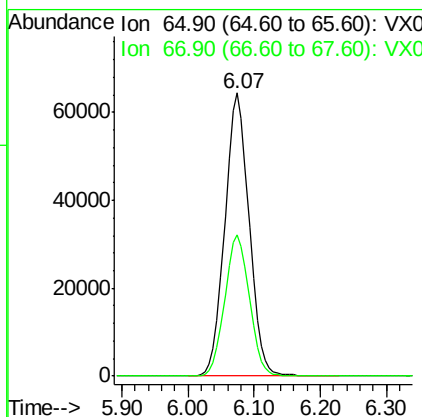
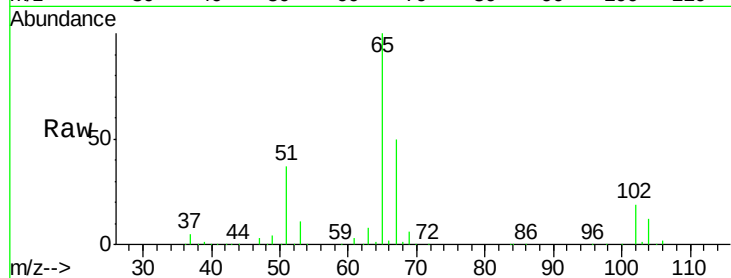




#33
 1,2-Dichloroethane-d4
 Concen: 45.252 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002843.D
 Acq: 22 Jun 2018 20:52

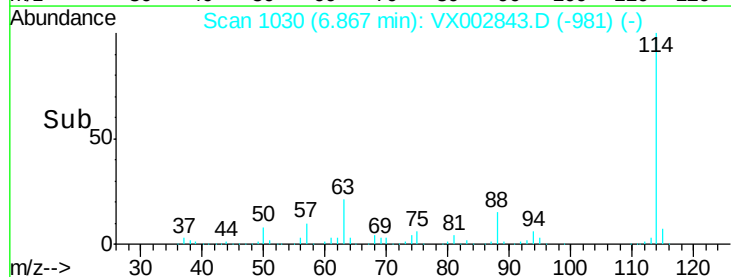
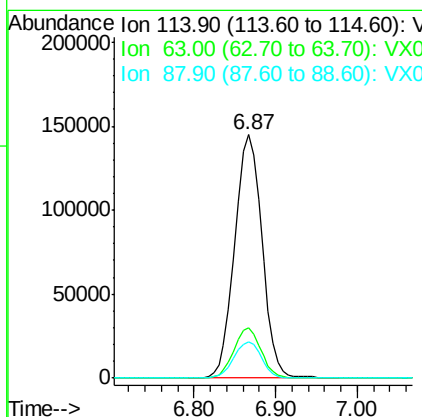
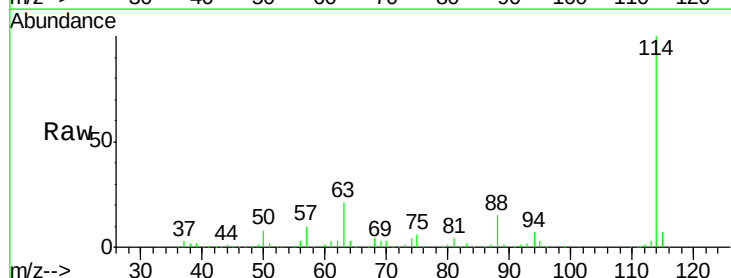
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0626

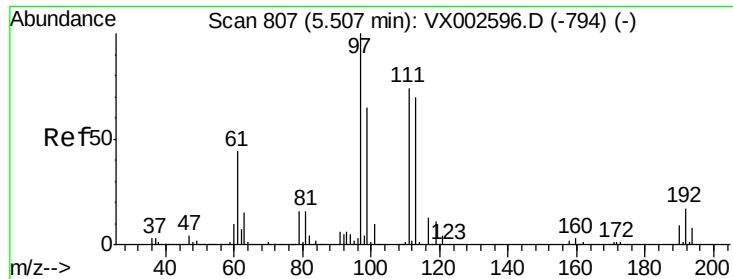
Tgt Ion: 65 Resp: 163736
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002843.D
 Acq: 22 Jun 2018 20:52

Tgt Ion: 114 Resp: 336781
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 14.8 0.0 30.0

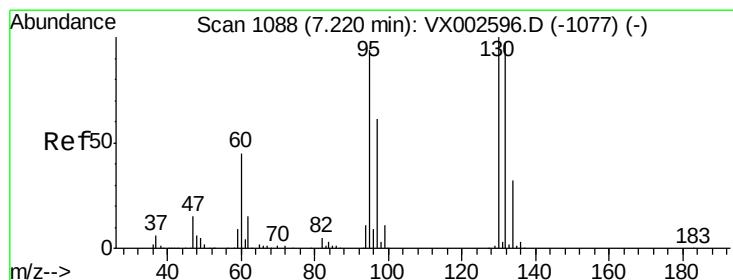
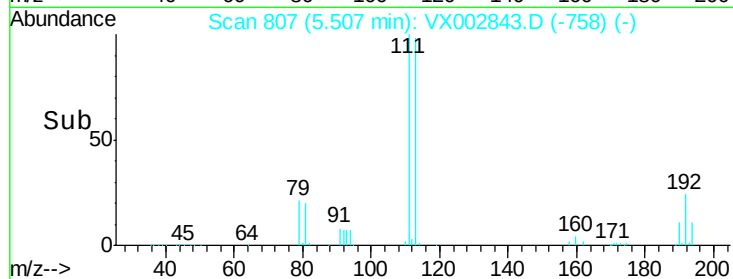
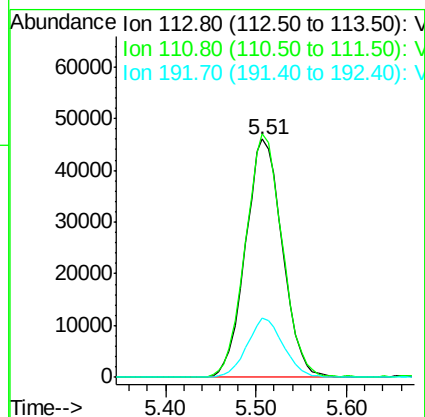
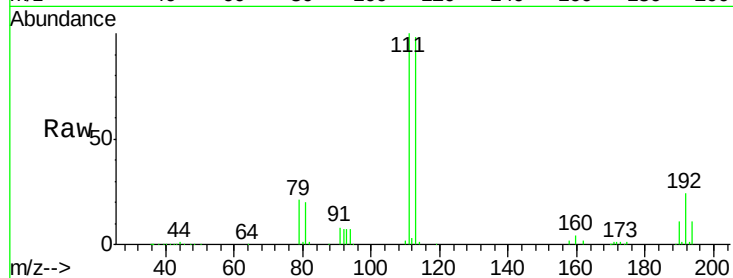




#35
 Dibromofluoromethane
 Concen: 48.221 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002843.D
 Acq: 22 Jun 2018 20:52

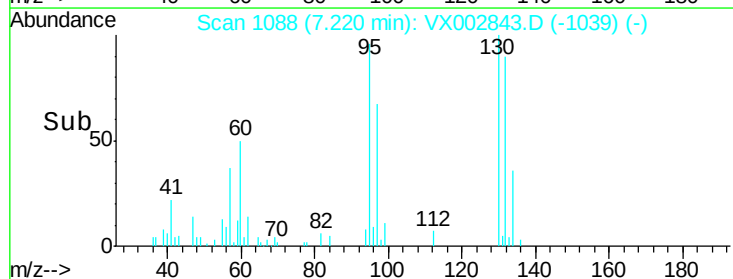
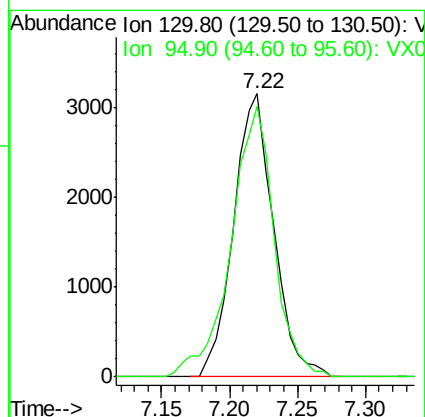
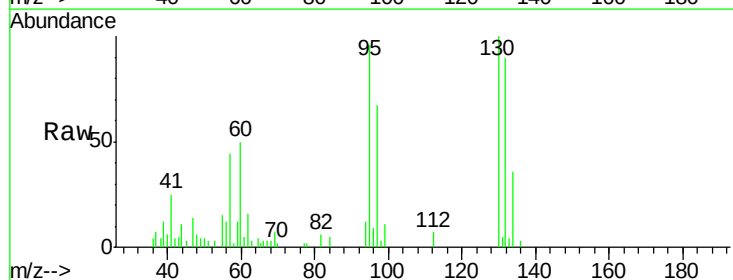
Instrument :
 MSVOA_X
 ClientSampled :
 S32-0626

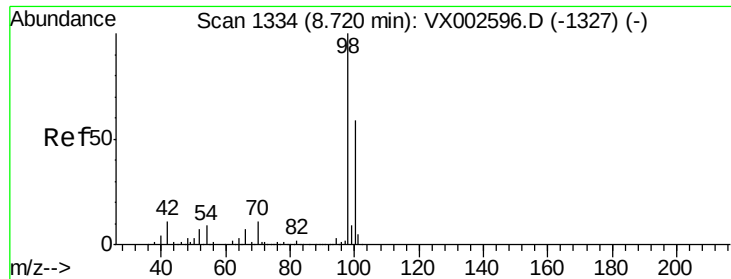
Tgt Ion:113 Resp: 129610
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.0
 192 24.4 19.1 28.7



#44
 Trichloroethene
 Concen: 2.090 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002843.D
 Acq: 22 Jun 2018 20:52

Tgt Ion:130 Resp: 6471
 Ion Ratio Lower Upper
 130 100
 95 95.6 0.0 185.4

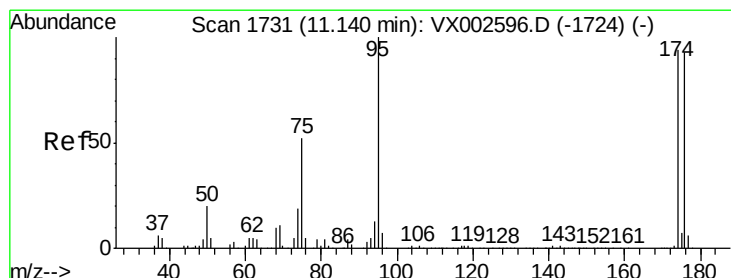
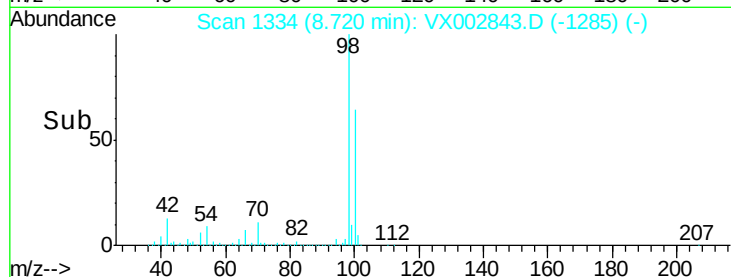
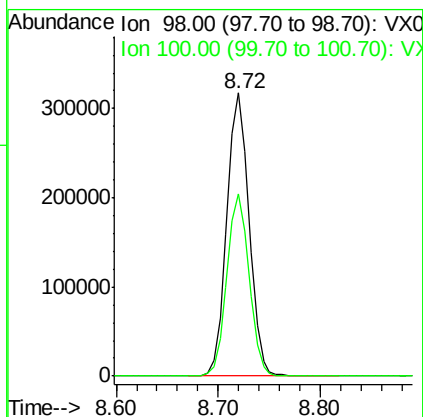
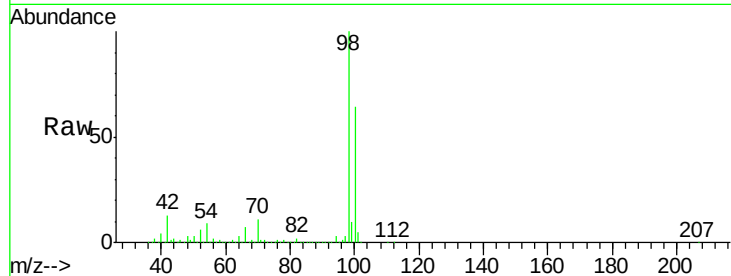




#50
Toluene-d8
Concen: 47.061 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002843.D
Acq: 22 Jun 2018 20:52

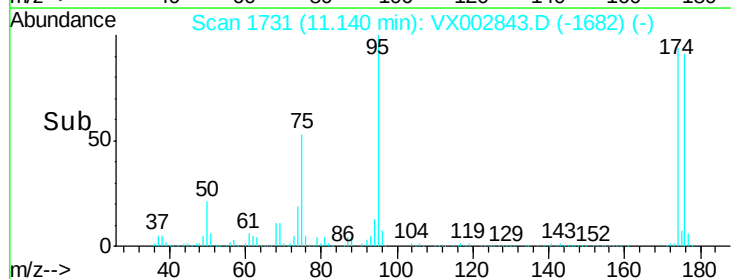
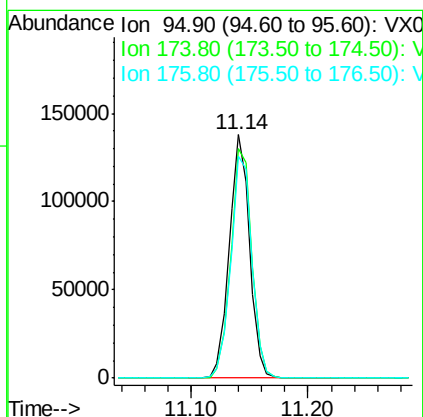
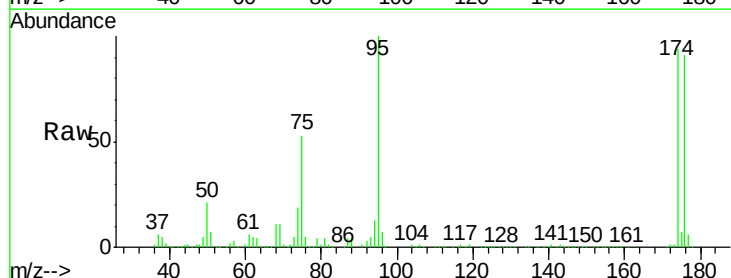
Instrument :
MSVOA_X
ClientSampleId :
S32-0626

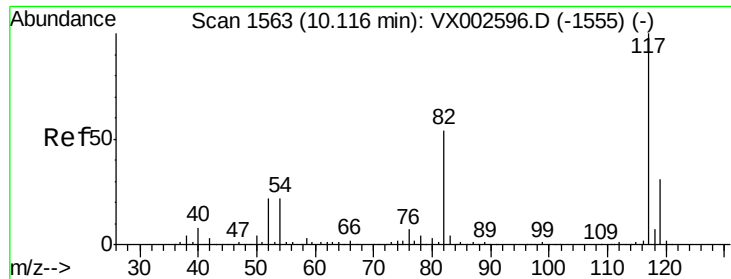
Tgt Ion: 98 Resp: 480284
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.224 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002843.D
Acq: 22 Jun 2018 20:52

Tgt Ion: 95 Resp: 167157
Ion Ratio Lower Upper
95 100
174 98.0 0.0 187.4
176 95.2 0.0 181.0

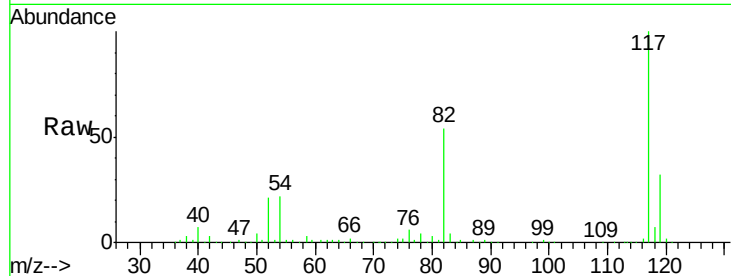




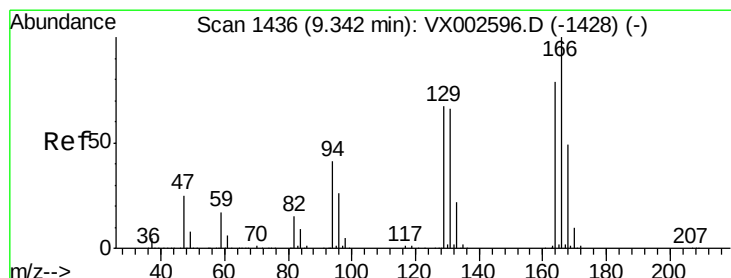
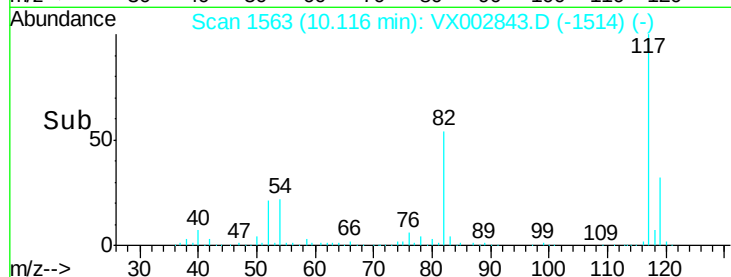
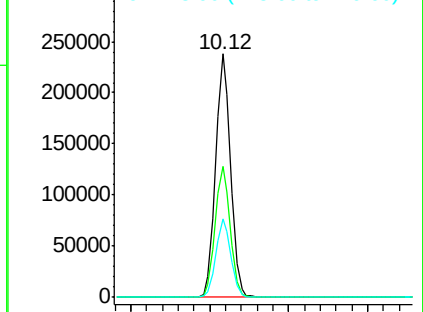
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002843.D
Acq: 22 Jun 2018 20:52

Instrument :
MSVOA_X
ClientSampleId :
S32-0626

Tgt Ion:117 Resp: 315960
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.3 25.8 38.6

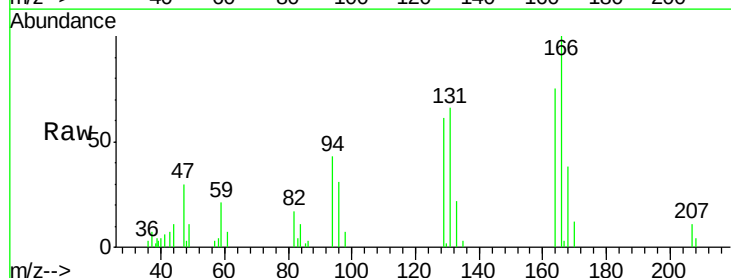


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

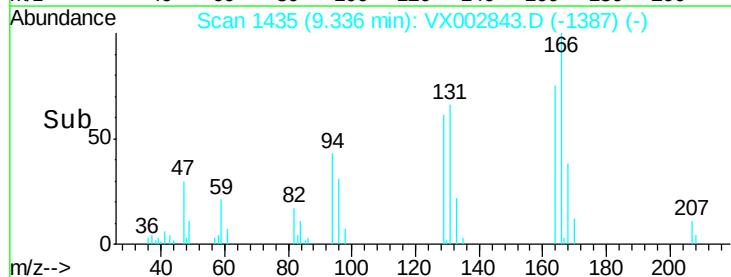
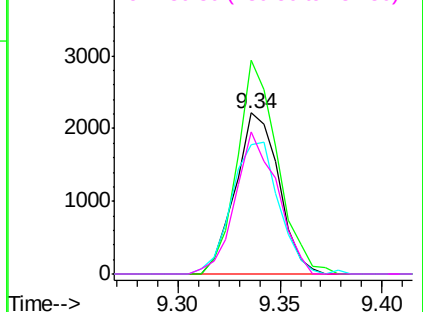


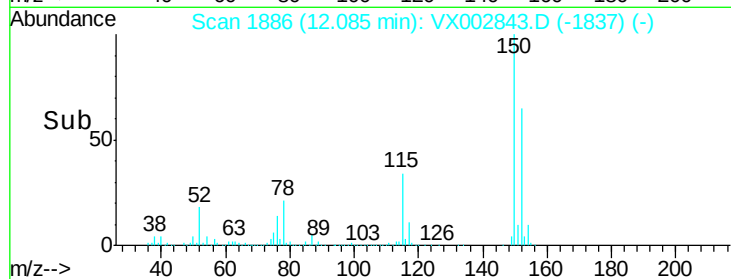
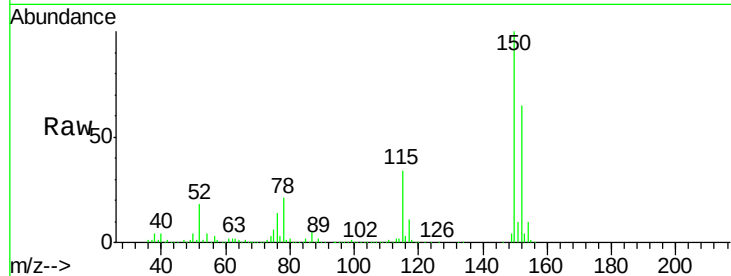
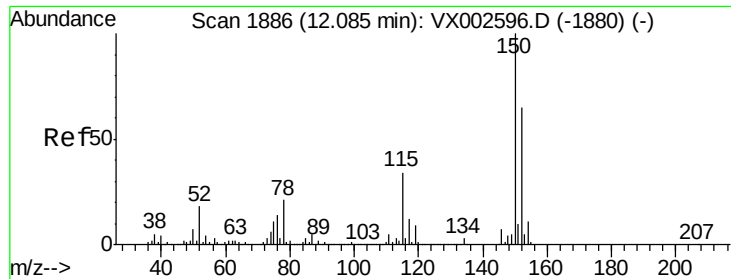
#64
Tetrachloroethene
Concen: 0.934 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002843.D
Acq: 22 Jun 2018 20:52

Tgt Ion:164 Resp: 3276
Ion Ratio Lower Upper
164 100
166 132.9 102.9 154.3
129 80.5 68.6 102.8
131 88.2 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002843.D

Acq: 22 Jun 2018 20:52

Instrument :

MSVOA_X

ClientSampleId :

S32-0626

Tgt Ion:152 Resp: 177843

Ion Ratio Lower Upper

152 100

115 55.3 40.1 120.2

150 157.7 0.0 347.2

