

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120418\
 Data File : VX006277.D
 Acq On : 04 Dec 2018 14:42
 Operator : JC/MD
 Sample : J6215-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN001

Quant Time: Dec 05 00:30:09 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	5.67	168	842639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1256321	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1134386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	557382	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	411629	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
35) Dibromofluoromethane	5.51	113	400071	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
50) Toluene-d8	8.71	98	1465336	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	543209	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	

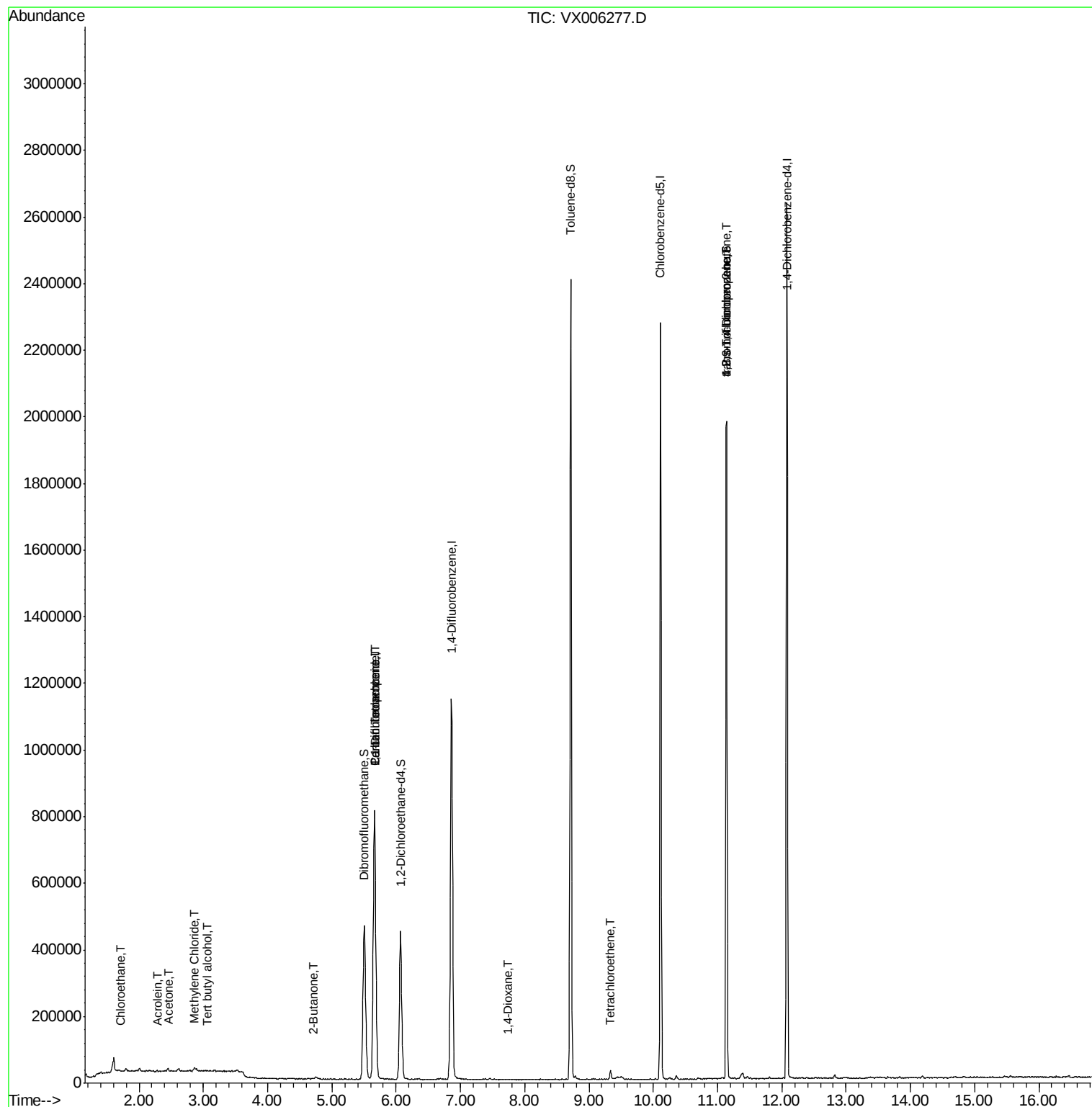
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.71	64	1179	0.211	ug/l	90
11) Tert butyl alcohol	3.06	59	1155	0.491	ug/l #	73
13) Acrolein	2.29	56	704	0.548	ug/l #	13
16) Acetone	2.45	43	8905	2.206	ug/l	93
20) Methylene Chloride	2.86	84	5132	0.597	ug/l #	85
25) 2-Butanone	4.71	43	1319	0.229	ug/l #	89
36) 1,1-Dichloropropene	5.67	75	49593	4.688	ug/l #	49
38) Carbon Tetrachloride	5.67	117	75436	6.061	ug/l #	16
49) 1,4-Dioxane	7.74	88	162	0.684	ug/l #	27
64) Tetrachloroethene	9.34	164	1960	0.229	ug/l	87
76) 1,2,3-Trichloropropane	11.13	75	244717	22.747	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	244717	53.380	ug/l #	15

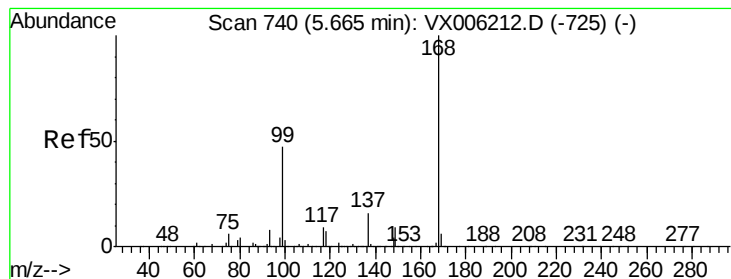
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006277.D

Acq: 04 Dec 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

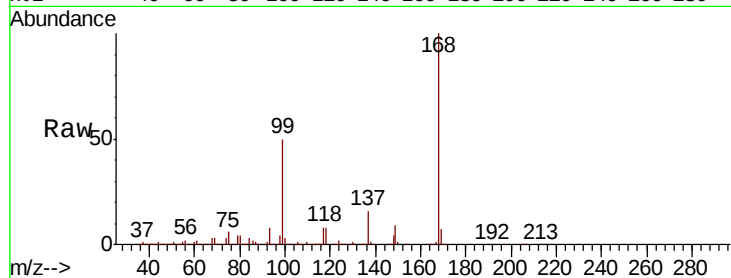
DSN001

Tot Ion:168 Resp: 842639

Ion Ratio Lower Upper

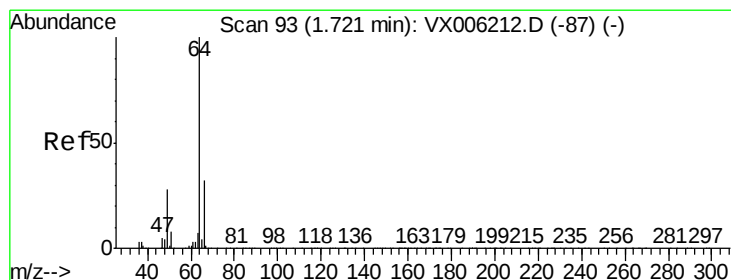
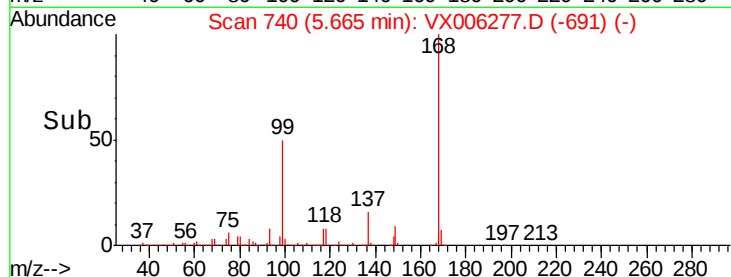
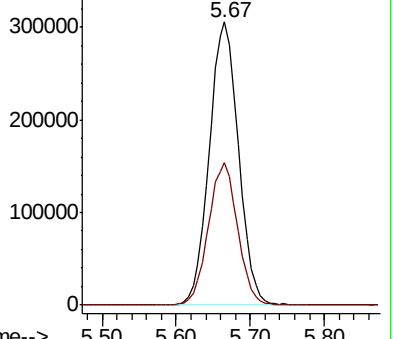
168 100

99 50.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.211 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006277.D

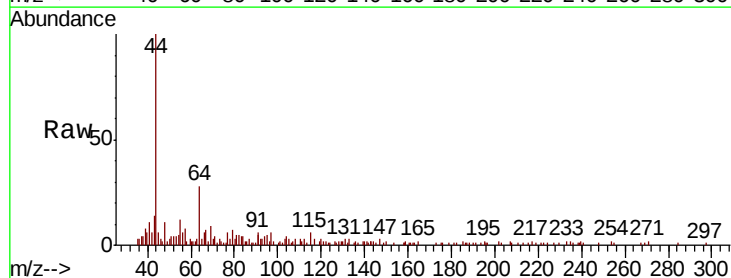
Acq: 04 Dec 2018 14:42

Tgt Ion: 64 Resp: 1179

Ion Ratio Lower Upper

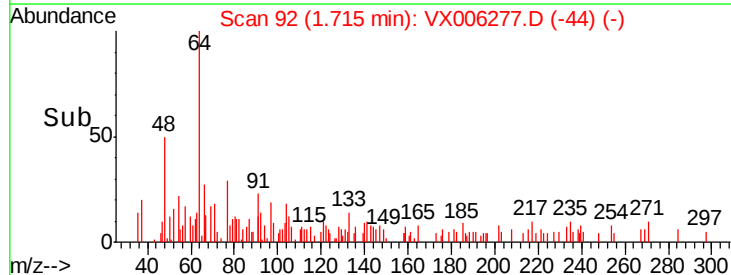
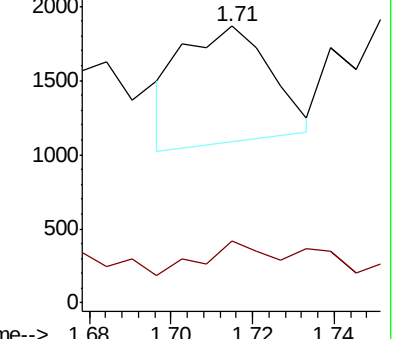
64 100

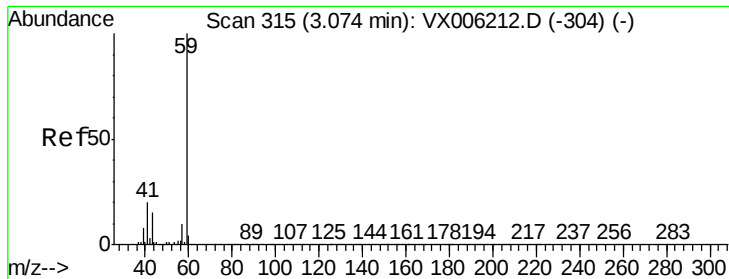
66 37.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



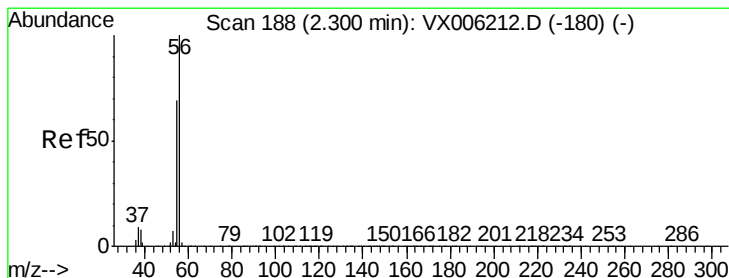
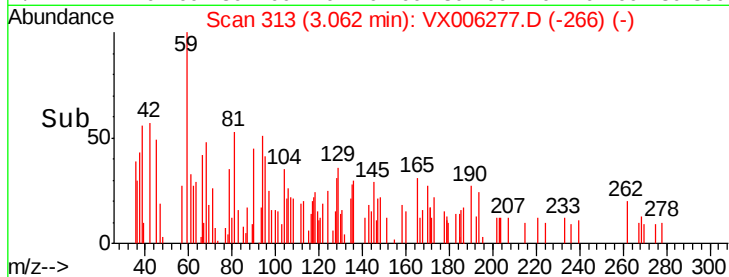
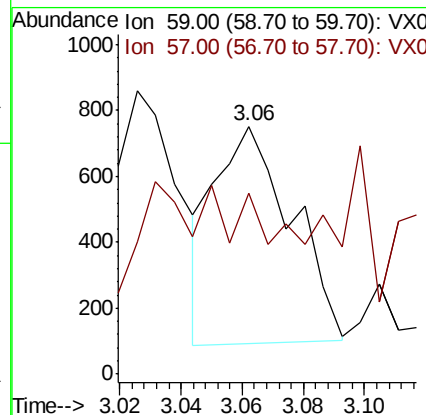
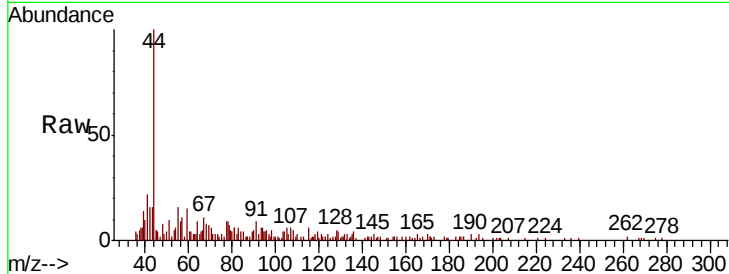


#11

Tert butyl alcohol
Concen: 0.491 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006277.D
Acq: 04 Dec 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
DSN001

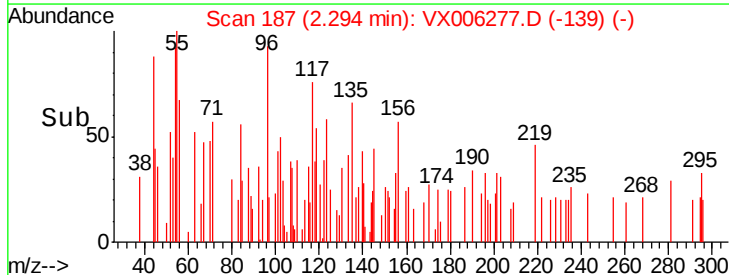
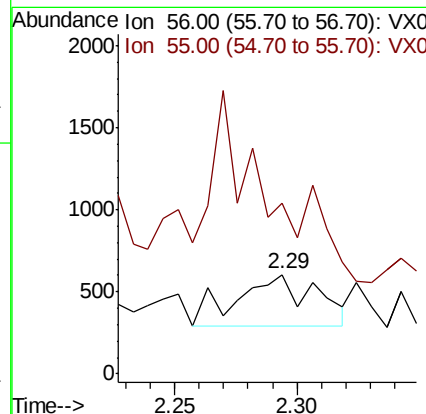
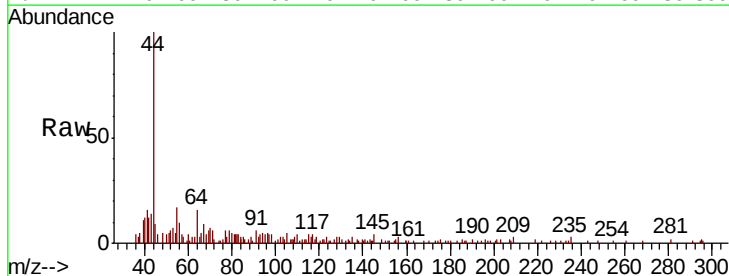
Tot Ion: 59 Resp: 1155
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

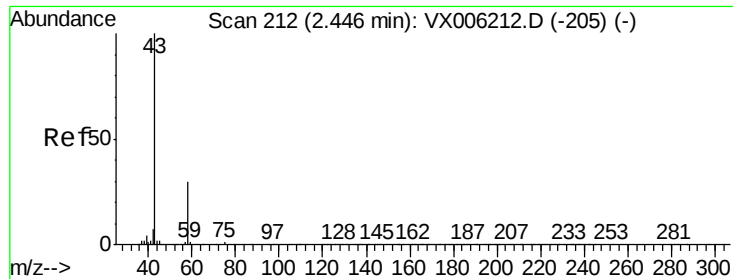


#13

Acrolein
Concen: 0.548 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006277.D
Acq: 04 Dec 2018 14:42

Tgt Ion: 56 Resp: 704
Ion Ratio Lower Upper
56 100
55 0.0 57.8 86.6#





#16

Acetone

Concen: 2.206 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006277.D

Acq: 04 Dec 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

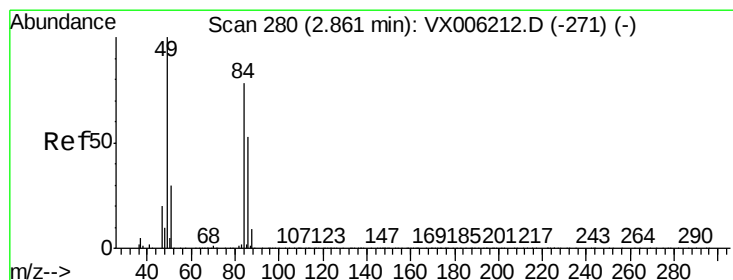
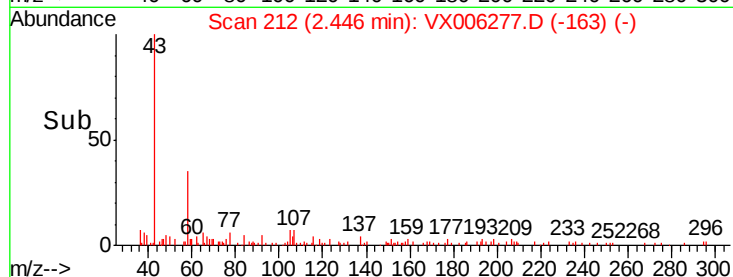
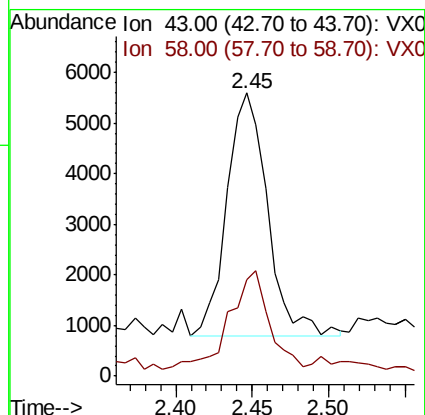
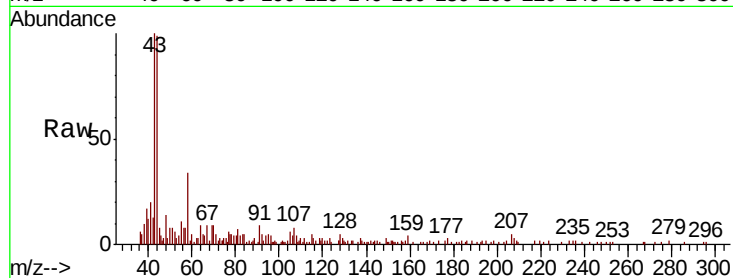
DSN001

Tot Ion: 43 Resp: 8905

Ion Ratio Lower Upper

43 100

58 33.8 24.0 36.0



#20

Methylene Chloride

Concen: 0.597 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006277.D

Acq: 04 Dec 2018 14:42

Tgt Ion: 84 Resp: 5132

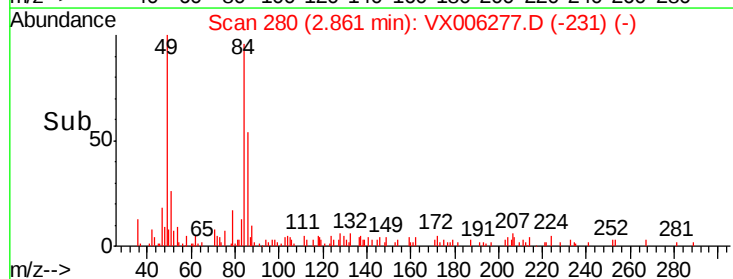
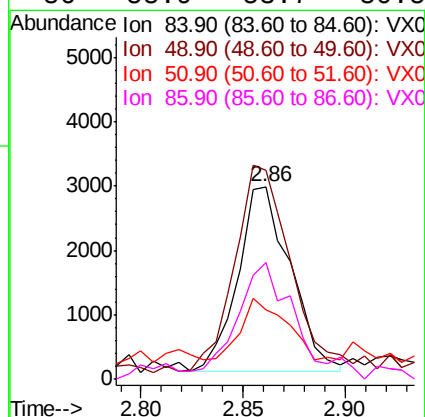
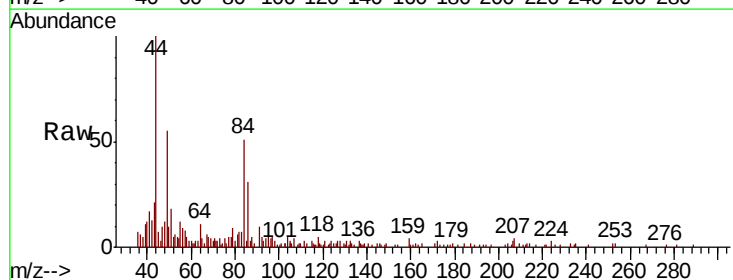
Ion Ratio Lower Upper

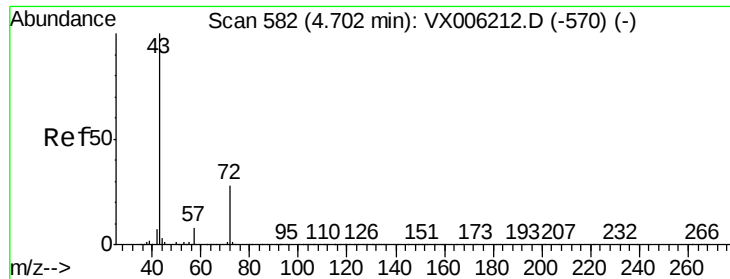
84 100

49 108.3 102.2 153.4

51 27.1 31.1 46.7#

86 58.9 53.7 80.5





#25

2-Butanone

Concen: 0.229 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX006277.D

Acq: 04 Dec 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

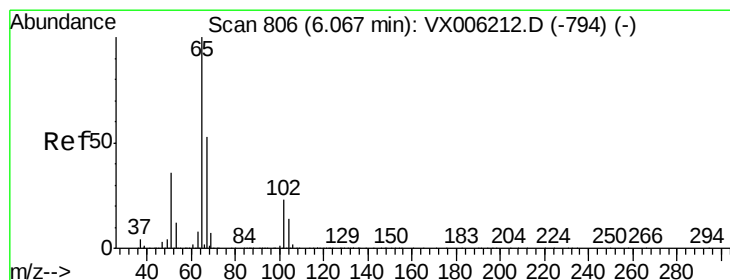
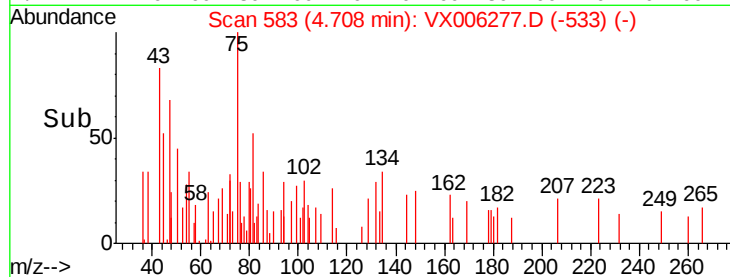
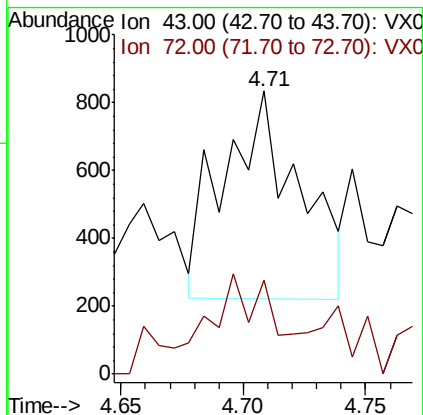
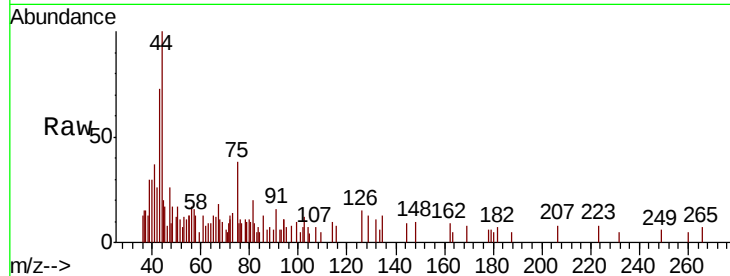
DSN001

Tot Ion: 43 Resp: 1319

Ion Ratio Lower Upper

43 100

72 34.1 22.6 33.8#



#33

1,2-Dichloroethane-d4

Concen: 47.853 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006277.D

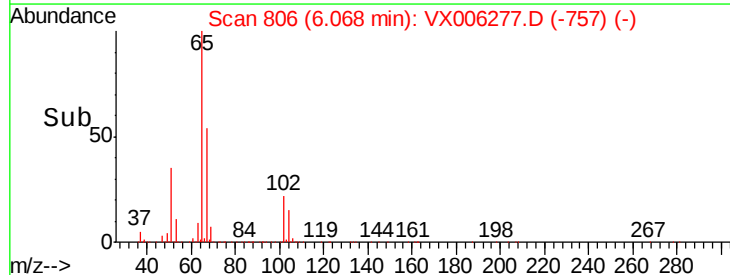
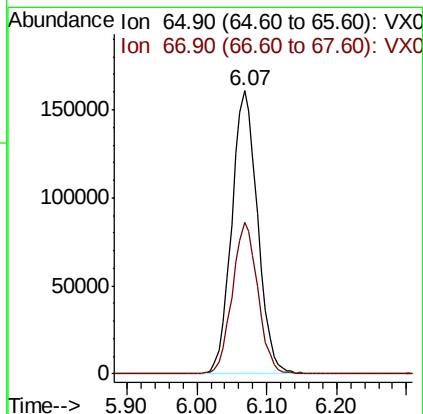
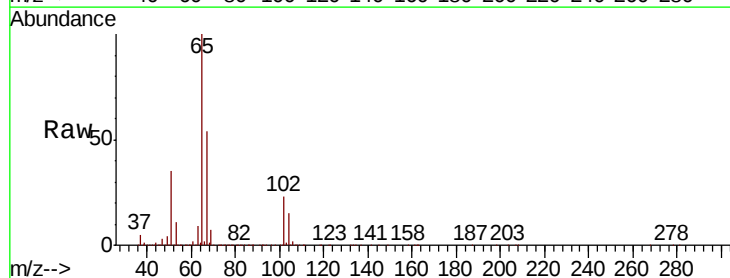
Acq: 04 Dec 2018 14:42

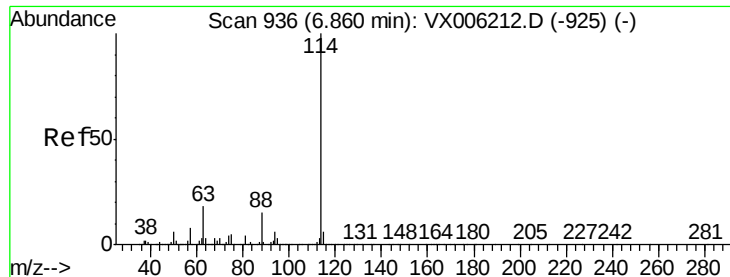
Tgt Ion: 65 Resp: 411629

Ion Ratio Lower Upper

65 100

67 52.7 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: VX006277.D

Acq: 04 Dec 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

DSN001

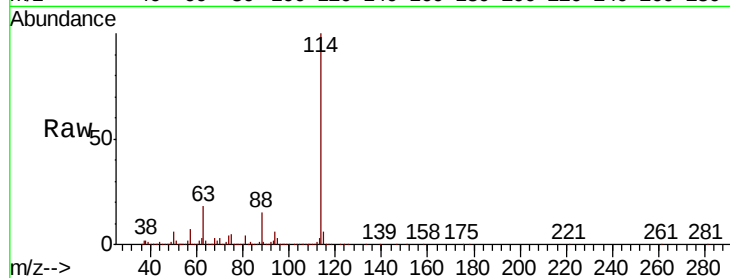
Tot Ion:114 Resp: 1256321

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

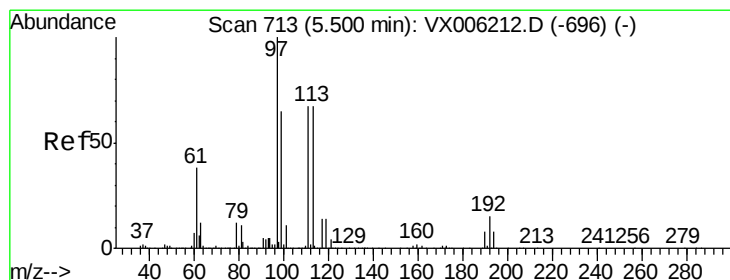
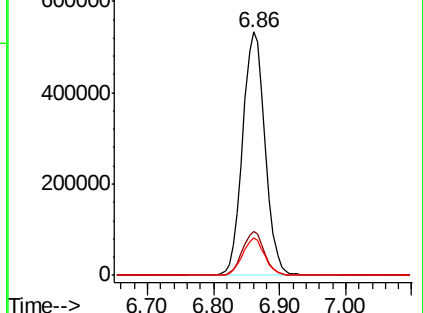
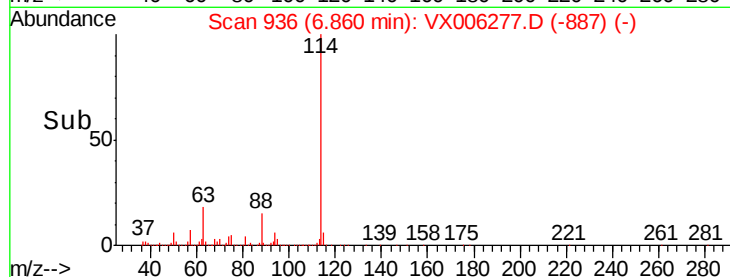
88 15.4 0.0 29.0



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: 49.184 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006277.D

Acq: 04 Dec 2018 14:42

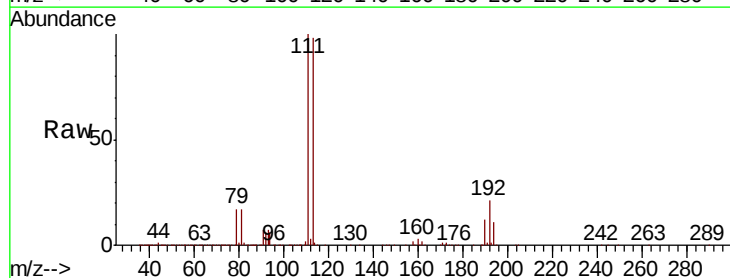
Tgt Ion:113 Resp: 400071

Ion Ratio Lower Upper

113 100

111 101.5 81.1 121.7

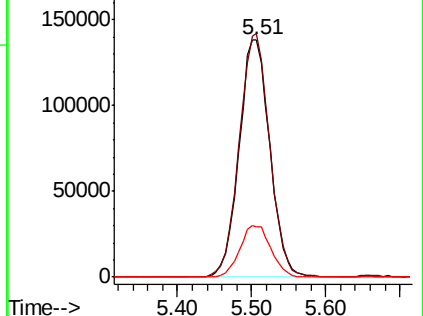
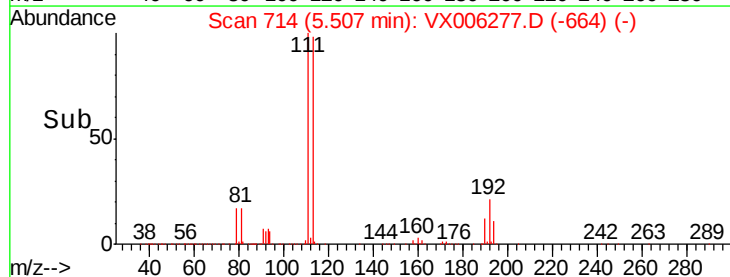
192 22.1 18.2 27.2

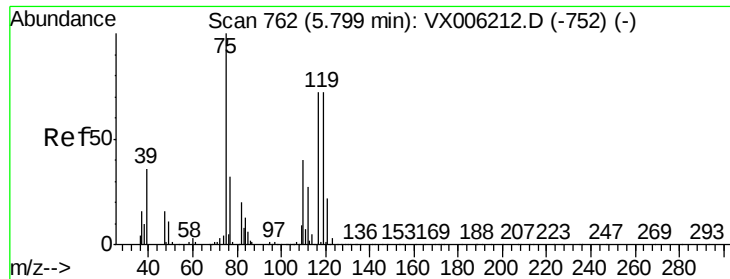


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

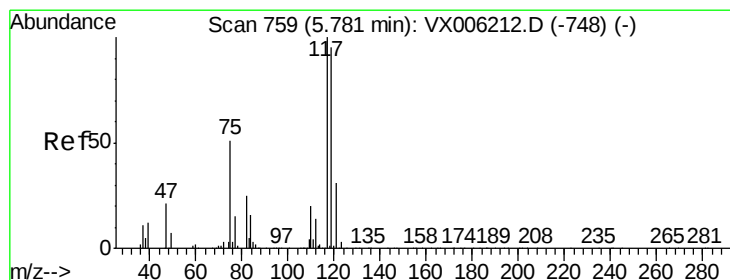
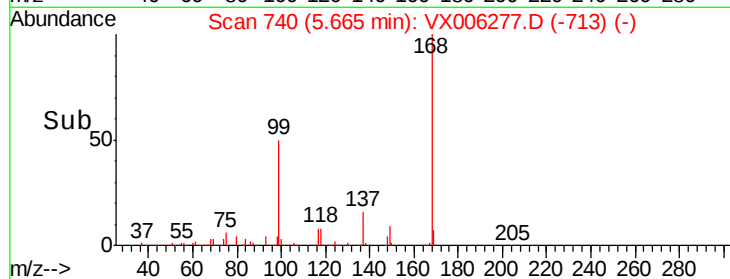
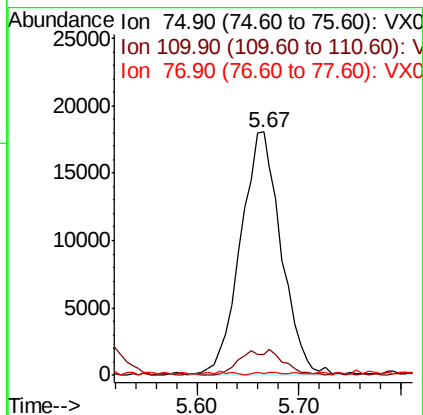
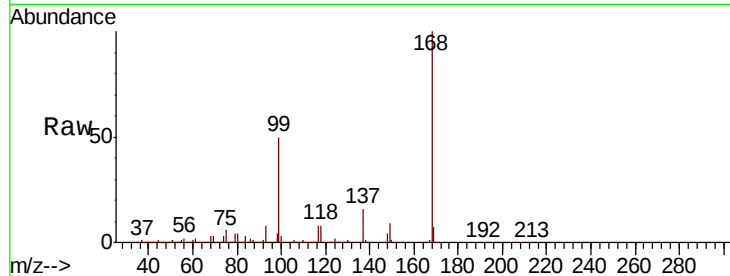




#36
 1,1-Dichloropropene
 Concen: 4.688 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006277.D
 Acq: 04 Dec 2018 14:42

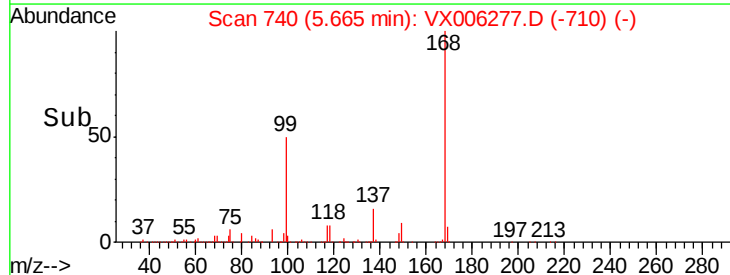
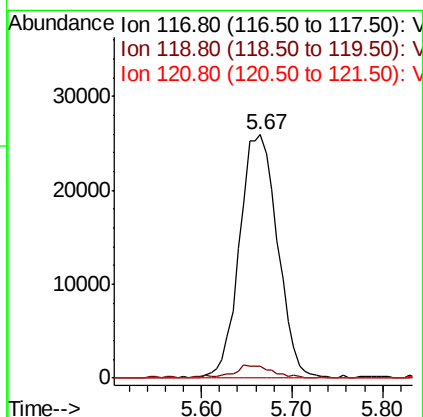
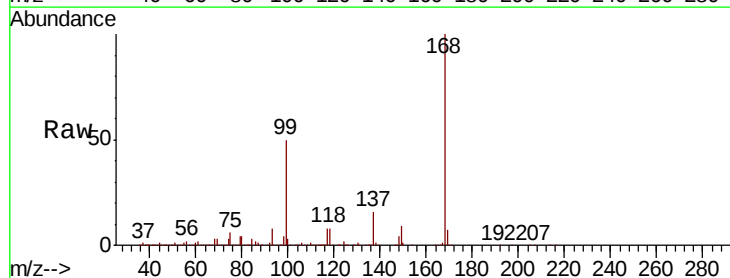
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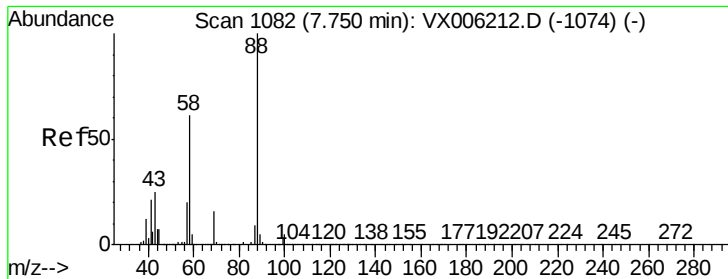
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.1	20.4	61.3#
77	1.2	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.061 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006277.D
 Acq: 04 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.8	113.8#
121	0.2	24.6	37.0#

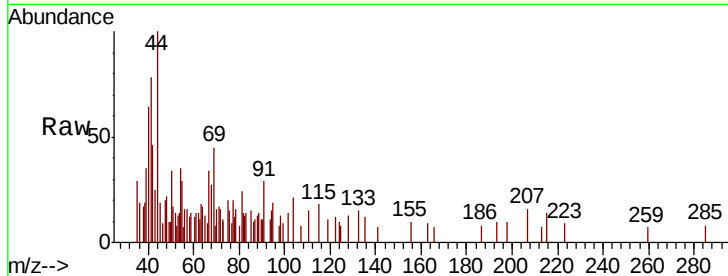




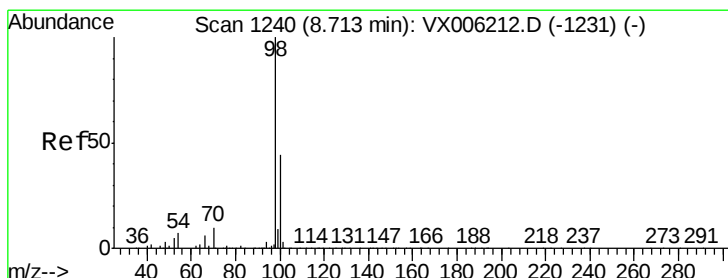
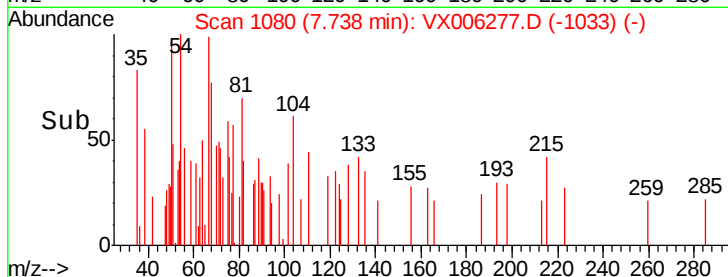
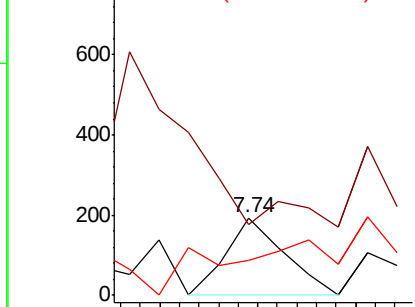
#49
1,4-Dioxane
Concen: 0.684 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX006277.D
Acq: 04 Dec 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
DSN001

Tot Ion: 88 Resp: 162
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 51.4 77.0#

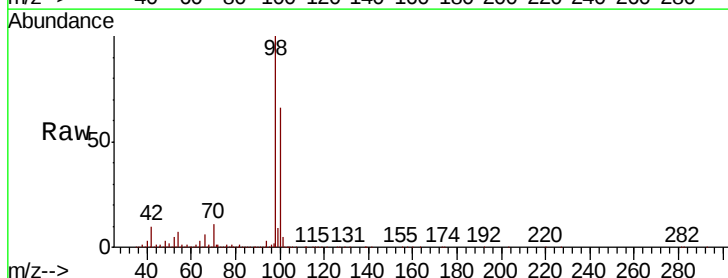


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

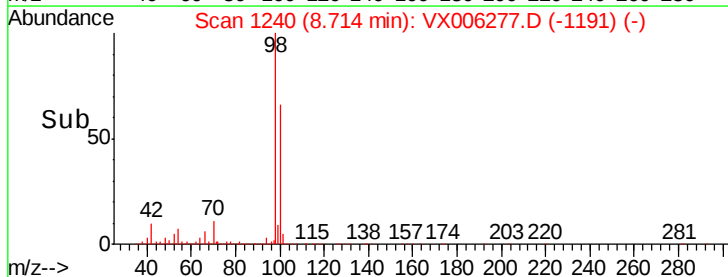
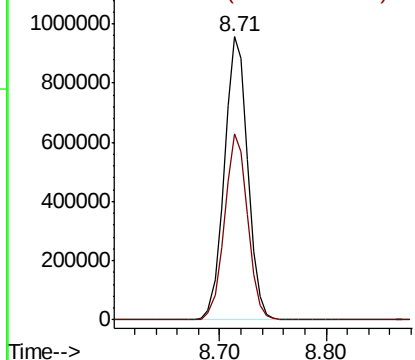


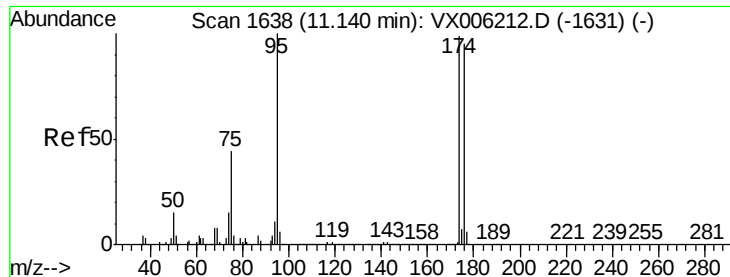
#50
Toluene-d8
Concen: 49.526 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006277.D
Acq: 04 Dec 2018 14:42

Tgt Ion: 98 Resp: 1465336
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

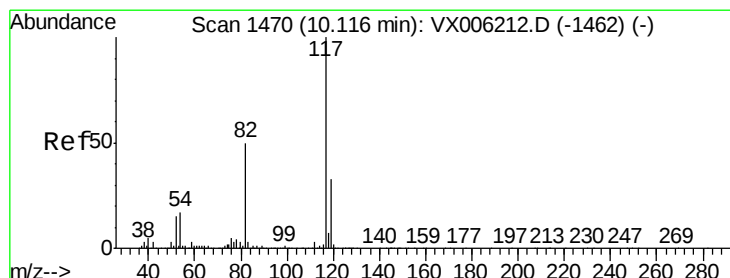
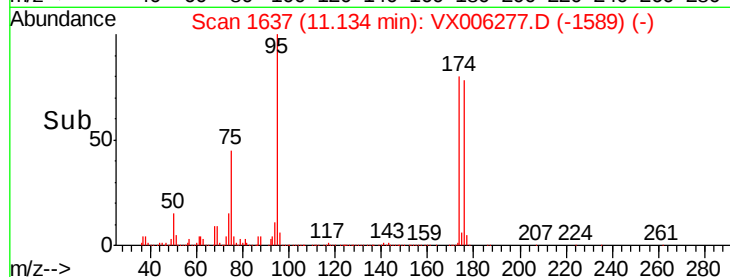
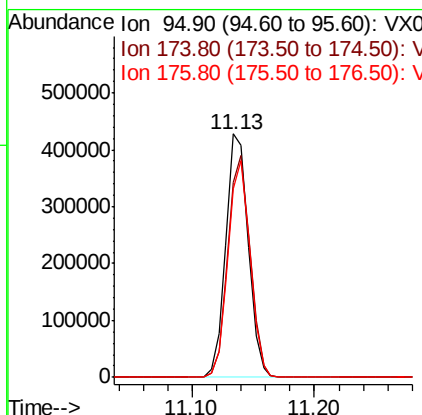
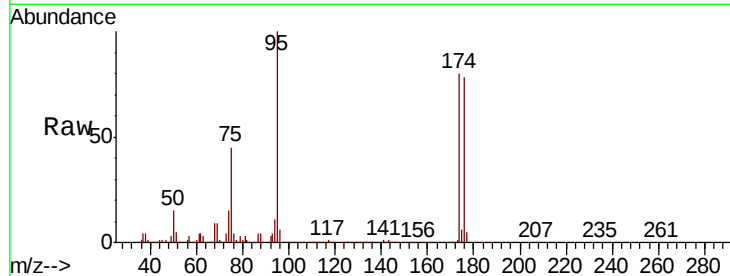




#62
4-Bromofluorobenzene
Concen: 48.721 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006277.D
Acq: 04 Dec 2018 14:42

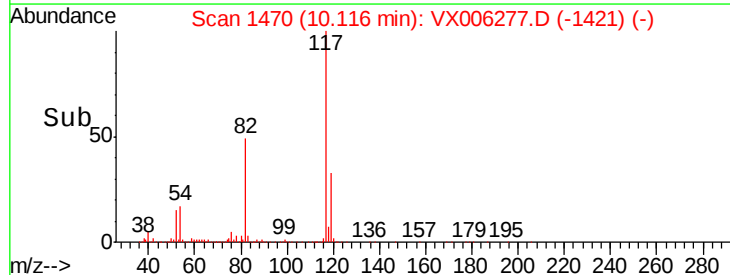
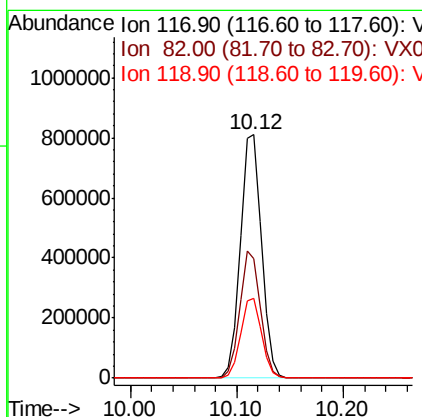
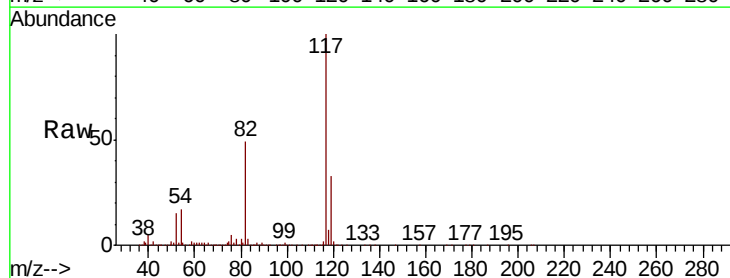
Instrument :
MSVOA_X
ClientSampled :
DSN001

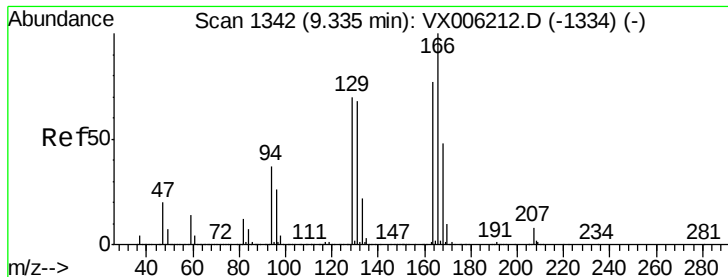
Tot Ion: 95 Resp: 543209
Ion Ratio Lower Upper
95 100
174 90.0 0.0 187.0
176 87.6 0.0 181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006277.D
Acq: 04 Dec 2018 14:42

Tgt Ion: 117 Resp: 1134386
Ion Ratio Lower Upper
117 100
82 49.0 39.6 59.4
119 32.5 26.3 39.5





#64

Tetrachloroethene

Concen: 0.229 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006277.D

Acq: 04 Dec 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

DSN001

Tot Ion:164 Resp: 1960

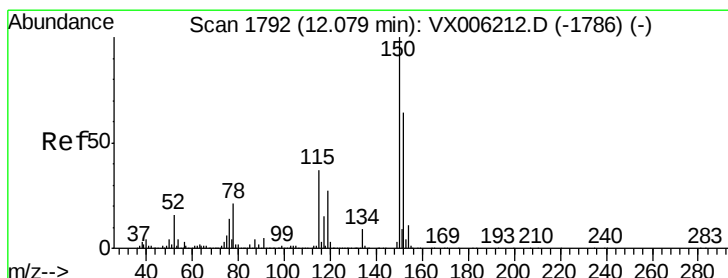
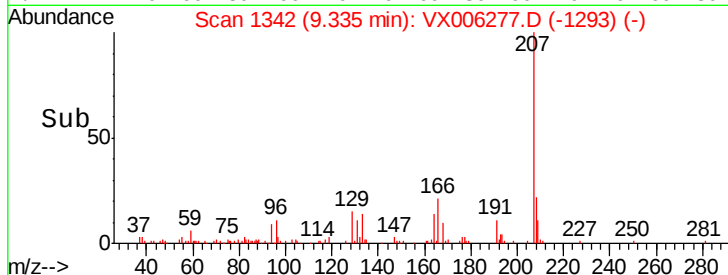
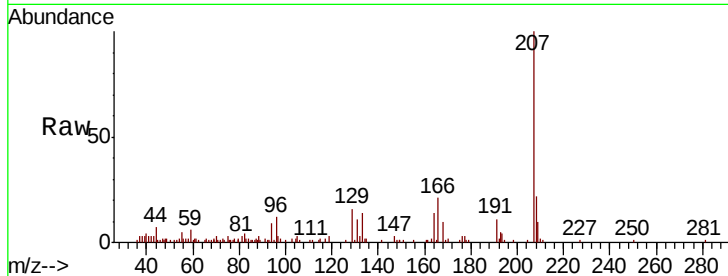
Ion Ratio Lower Upper

164 100

166 144.5 104.2 156.2

129 107.9 72.6 108.8

131 78.8 70.3 105.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006277.D

Acq: 04 Dec 2018 14:42

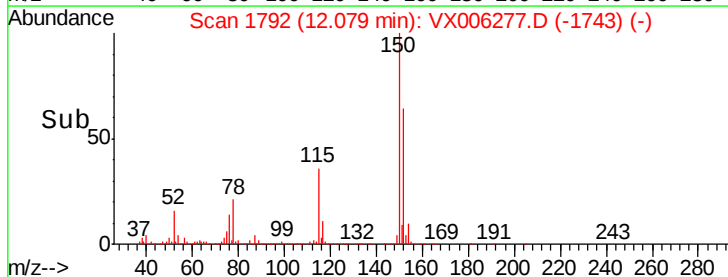
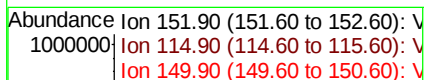
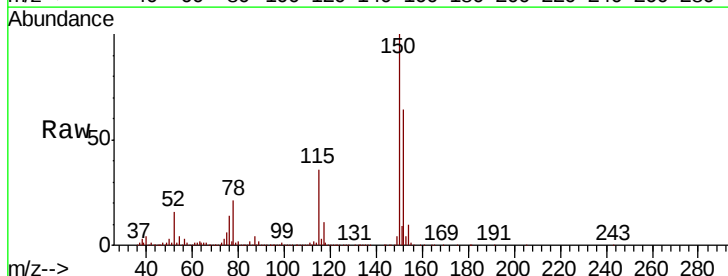
Tgt Ion:152 Resp: 557382

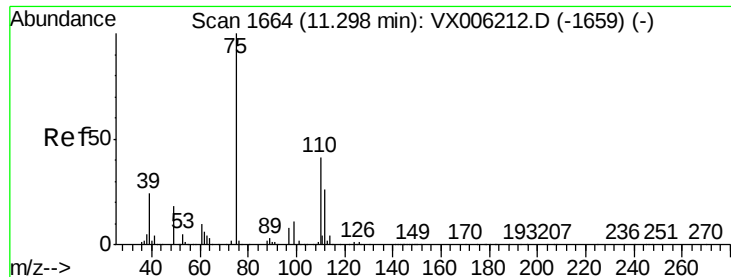
Ion Ratio Lower Upper

152 100

115 56.0 39.0 116.9

150 156.9 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 22.747 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006277.D

Acq: 04 Dec 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

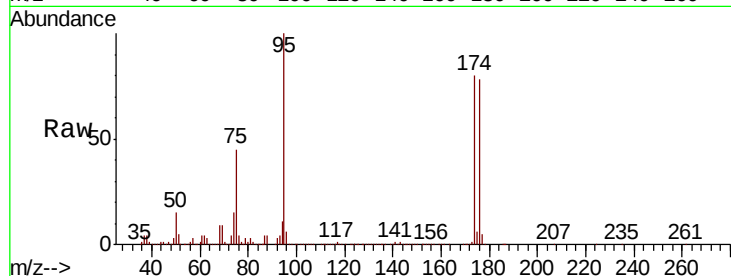
DSN001

Tot Ion: 75 Resp: 244717

Ion Ratio Lower Upper

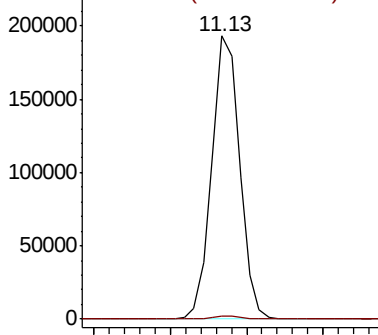
75 100

77 1.4 19.9 59.7#

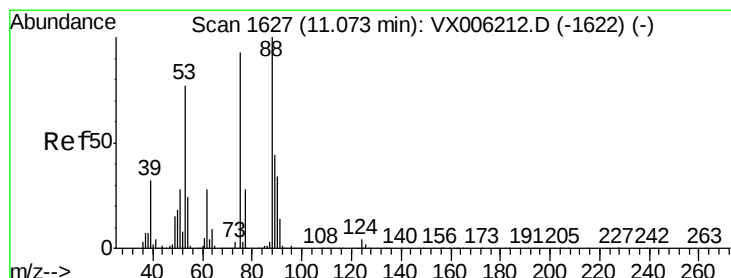
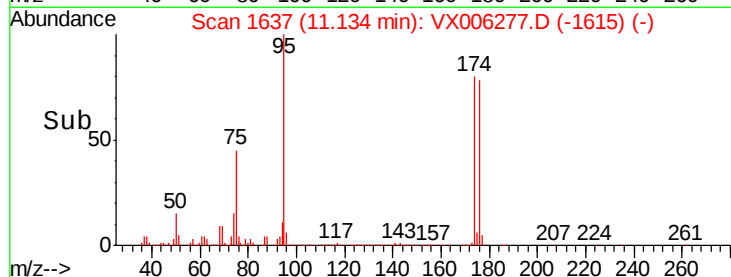


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time--> 11.05 11.10 11.15 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 53.380 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006277.D

Acq: 04 Dec 2018 14:42

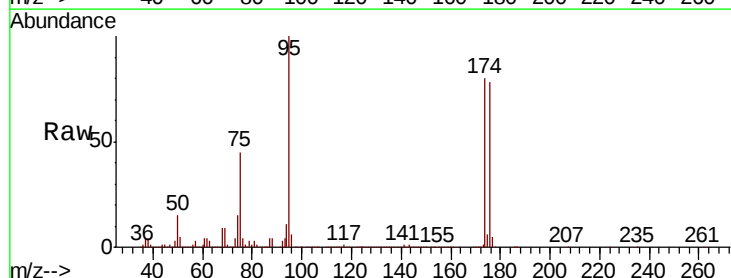
Tgt Ion: 75 Resp: 244717

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

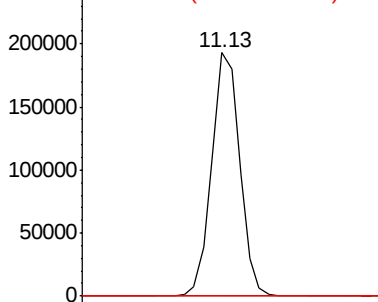
89 0.1 44.2 66.4#



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



Time--> 11.05 11.10 11.15 11.20

