

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005572.D
 Acq On : 25 Oct 2018 05:51
 Operator : JC/MD
 Sample : J5655-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0005

Quant Time: Oct 25 08:05:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	211574	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	309877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	277287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133128	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	130573	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
35) Dibromofluoromethane	5.51	113	102567	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
50) Toluene-d8	8.71	98	366826	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.14	95	123465	43.36	ug/l	0.00
Spiked Amount			Recovery	=	86.72%	

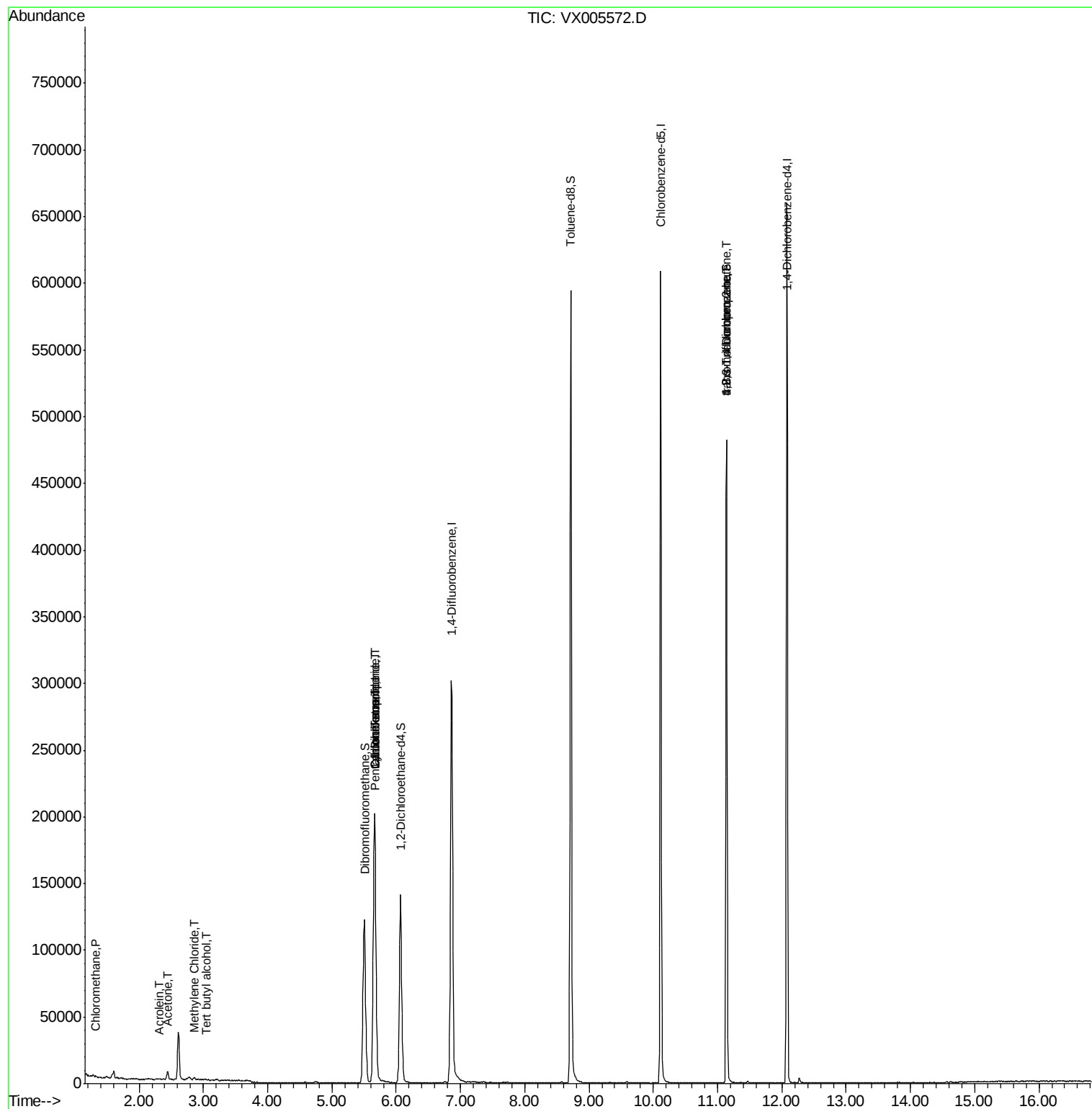
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	705	0.265	ug/l	94
11) Tert butyl alcohol	3.06	59	392	0.564	ug/l #	50
13) Acrolein	2.31	56	95	0.268	ug/l #	82
16) Acetone	2.44	43	7104	5.205	ug/l	89
18) Methyl Acetate	2.78	43	3373	Below Cal		94
20) Methylene Chloride	2.86	84	582	0.255	ug/l #	80
31) Cyclohexane	5.66	56	3922	1.126	ug/l #	30
36) 1,1-Dichloropropene	5.67	75	14731	4.899	ug/l #	49
38) Carbon Tetrachloride	5.67	117	18942	5.980	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	62373	23.002	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	62373	72.254	ug/l #	10

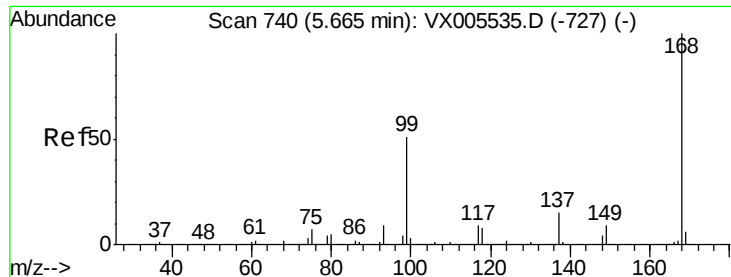
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 742

Delta R.T. 0.01 min

Lab File: VX005572.D

Acq: 25 Oct 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

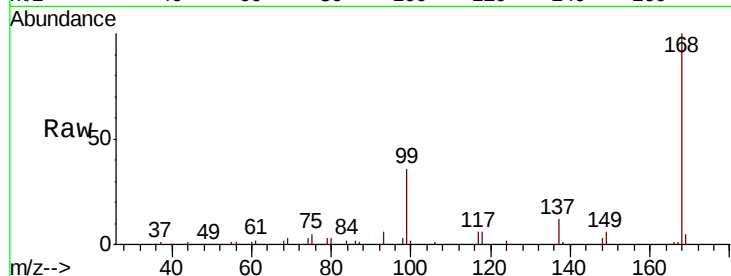
S37-0005

Tot Ion:168 Resp: 211574

Ion Ratio Lower Upper

168 100

99 35.8 39.9 59.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

80000

60000

40000

20000

0

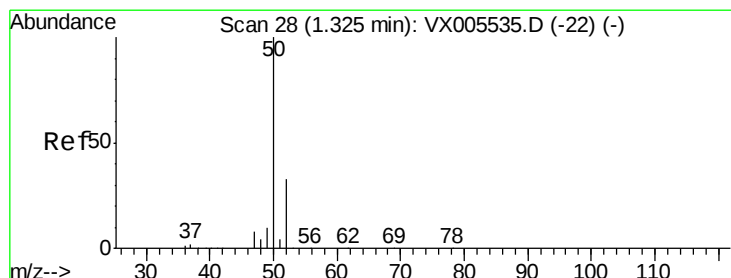
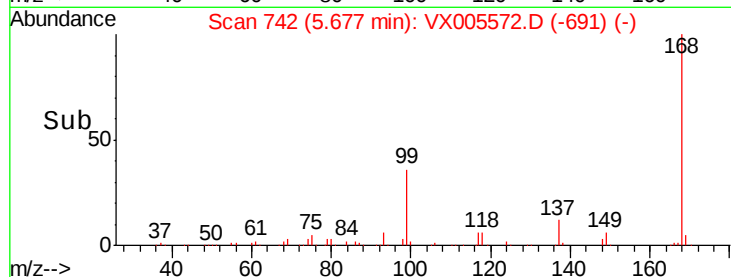
Time-->

5.50

5.60

5.70

5.80



#3

Chloromethane

Concen: 0.265 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005572.D

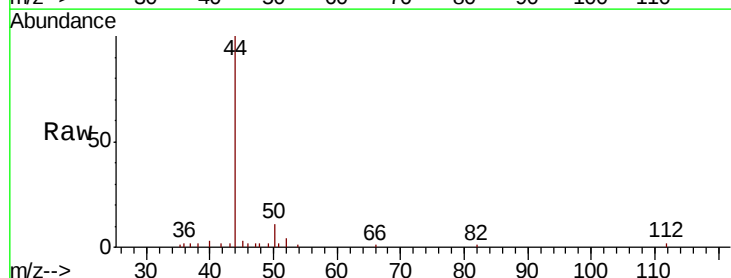
Acq: 25 Oct 2018 05:51

Tgt Ion: 50 Resp: 705

Ion Ratio Lower Upper

50 100

52 35.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

300

200

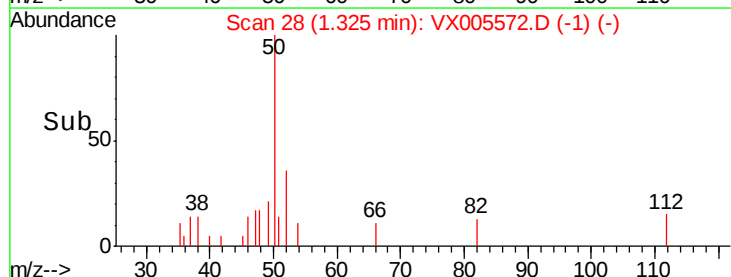
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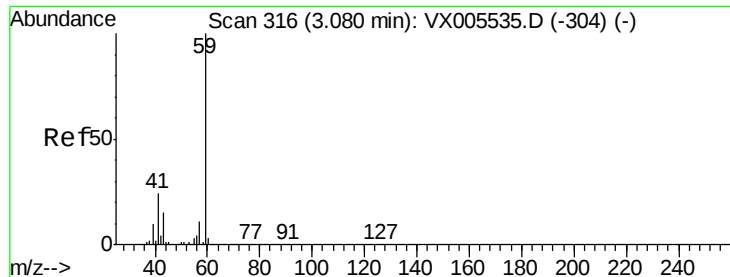
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Time-->

1.30

1.35

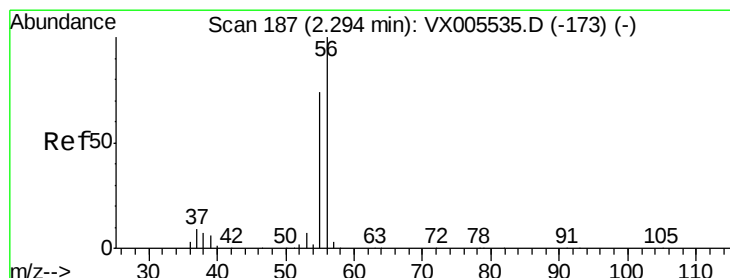
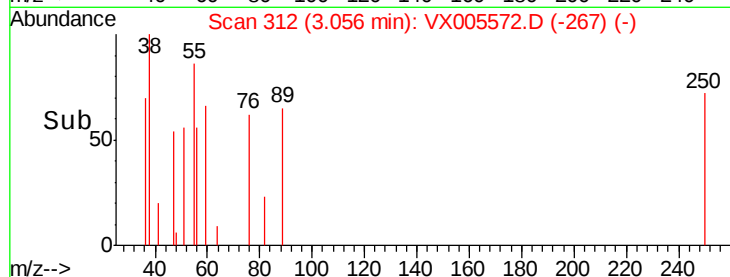
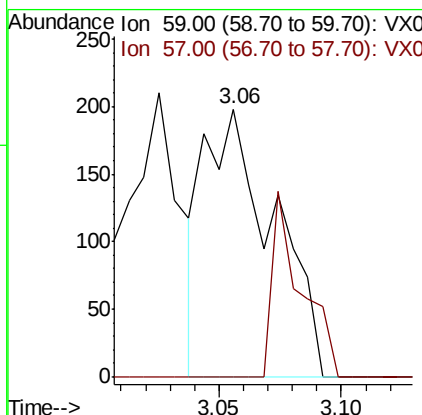
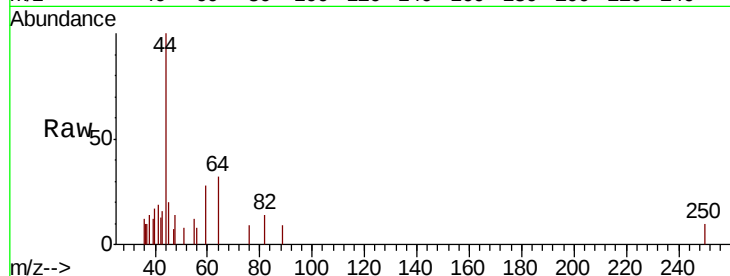




#11
Tert butyl alcohol
Concen: 0.564 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX005572.D
Acq: 25 Oct 2018 05:51

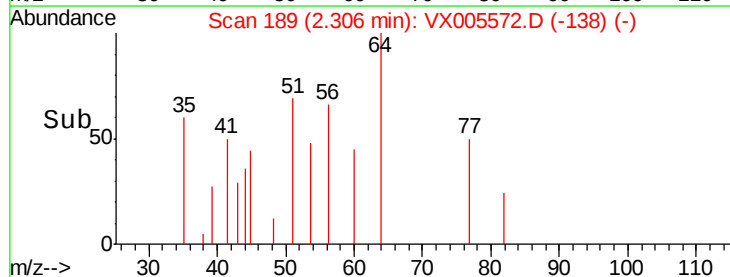
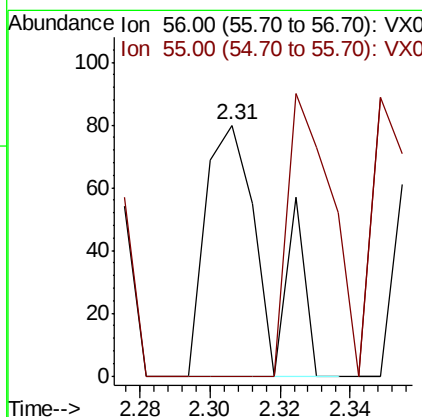
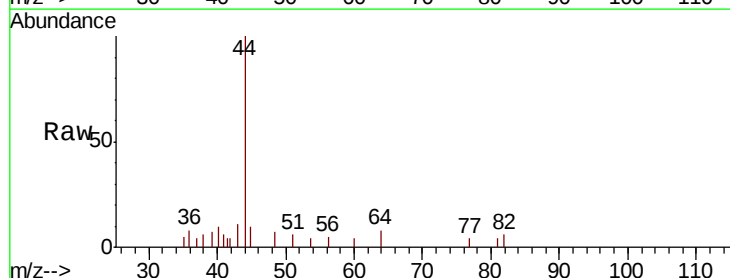
Instrument :
MSVOA_X
ClientSampleId :
S37-0005

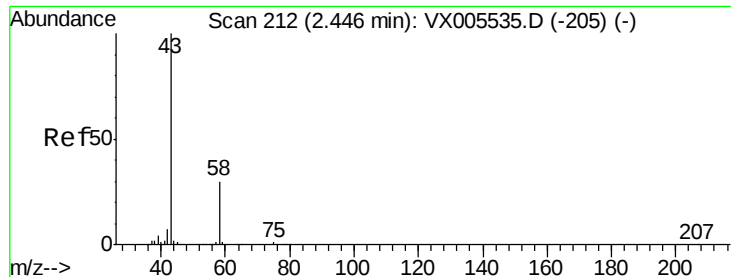
Tot Ion: 59 Resp: 392
Ion Ratio Lower Upper
59 100
57 29.1 8.2 12.4#



#13
Acrolein
Concen: 0.268 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX005572.D
Acq: 25 Oct 2018 05:51

Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 83.2 54.7 82.1#





#16

Acetone

Concen: 5.205 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005572.D

Acq: 25 Oct 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

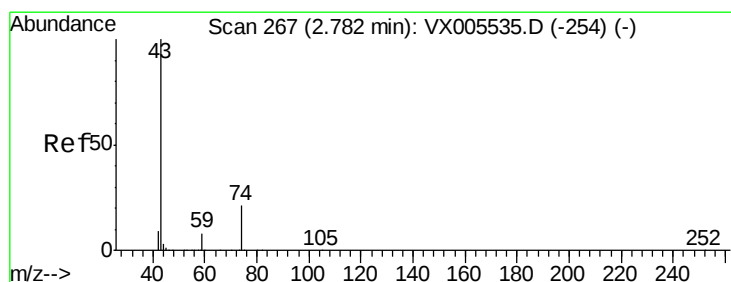
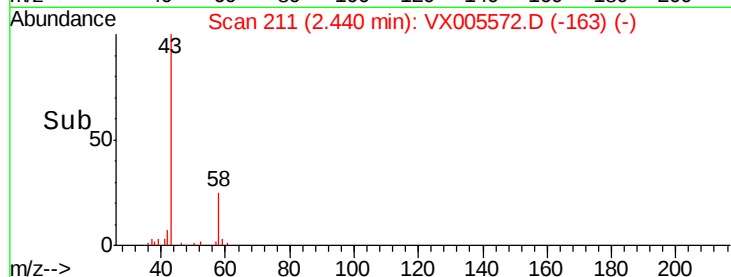
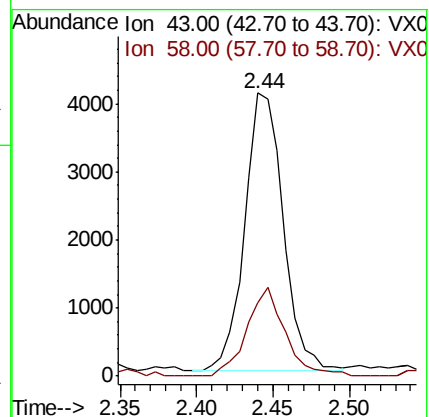
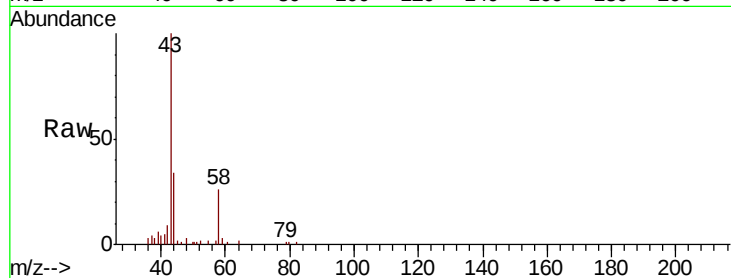
S37-0005

Tot Ion: 43 Resp: 7104

Ion Ratio Lower Upper

43 100

58 26.4 26.2 39.4



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005572.D

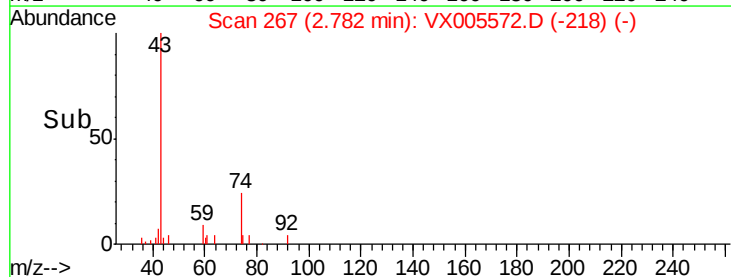
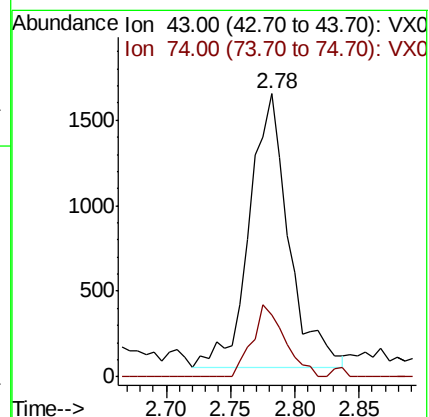
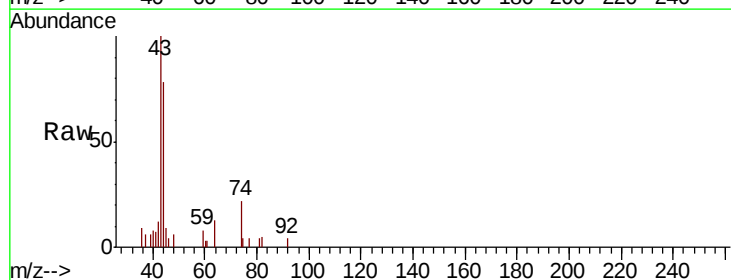
Acq: 25 Oct 2018 05:51

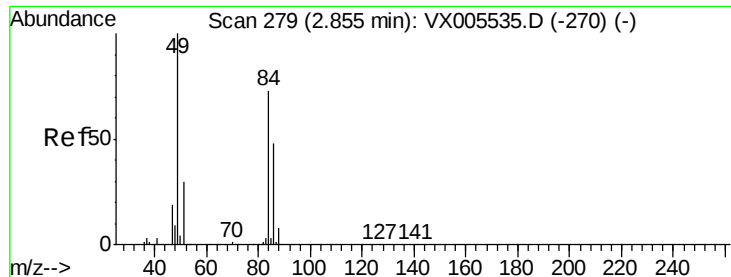
Tgt Ion: 43 Resp: 3373

Ion Ratio Lower Upper

43 100

74 21.5 19.4 29.2

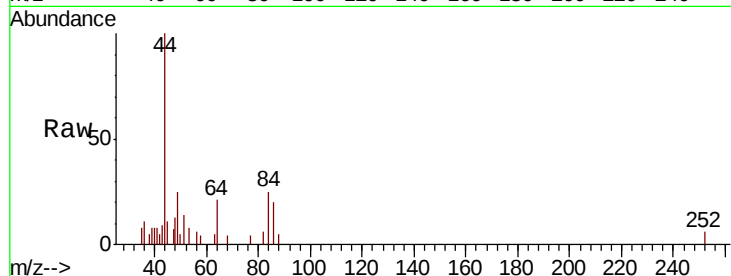




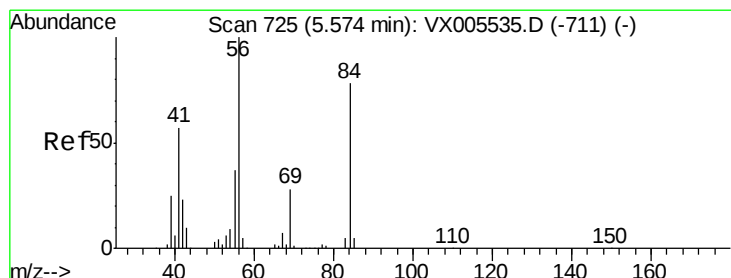
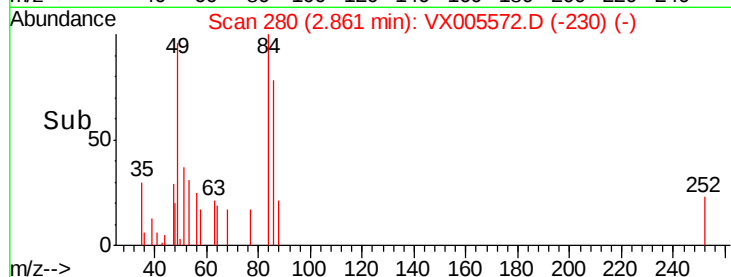
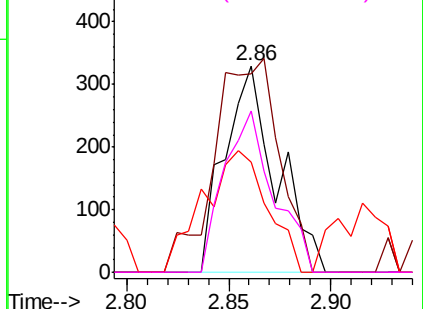
#20
Methvlene Chloride
Concen: 0.255 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005572.D
Acq: 25 Oct 2018 05:51

Instrument :
MSVOA_X
ClientSampled :
S37-0005

Tot Ion: 84 Resp: 582
Ion Ratio Lower Upper
84 100
49 96.4 101.2 151.8#
51 33.6 29.5 44.3
86 78.2 52.3 78.5

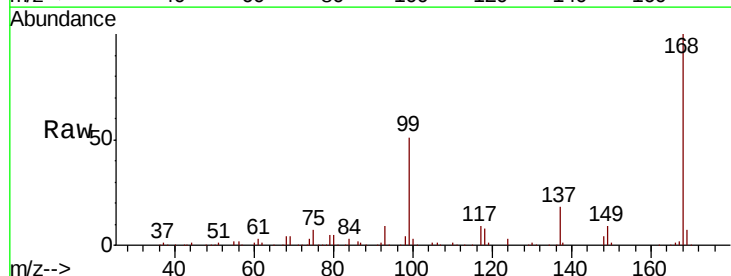


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

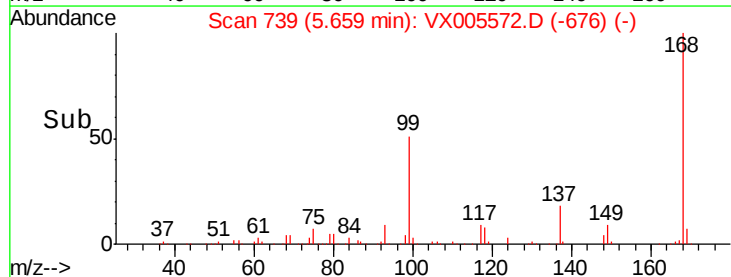
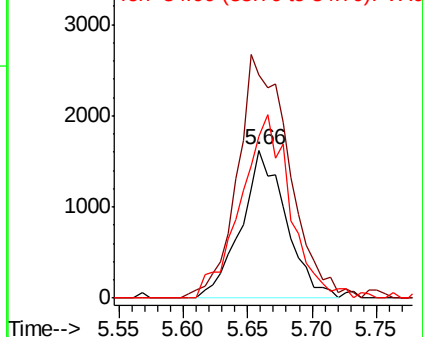


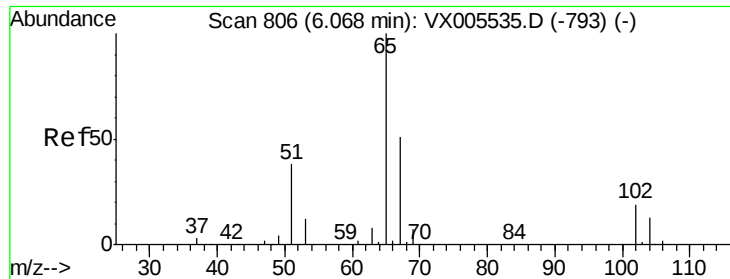
#31
Cyclohexane
Concen: 1.126 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005572.D
Acq: 25 Oct 2018 05:51

Tgt Ion: 56 Resp: 3922
Ion Ratio Lower Upper
56 100
69 147.6 25.4 38.2#
84 109.3 71.4 107.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

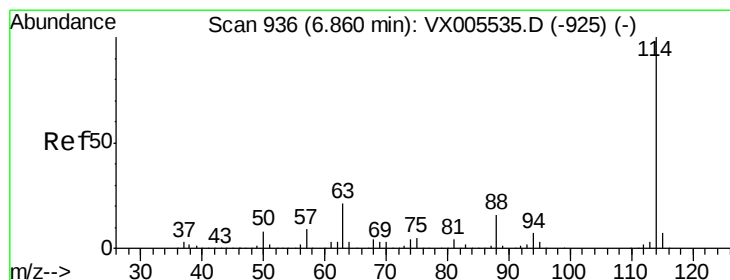
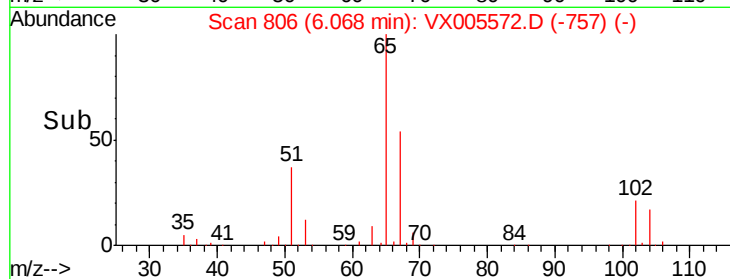
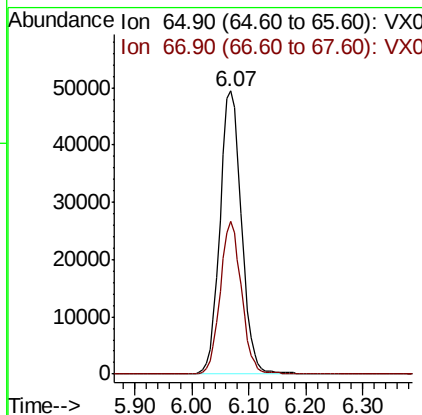
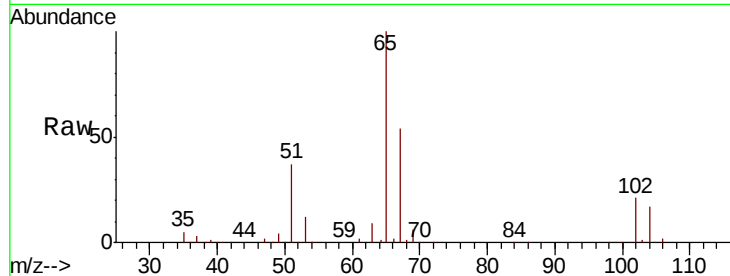




#33
 1,2-Dichloroethane-d4
 Concen: 50.557 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005572.D
 Acq: 25 Oct 2018 05:51

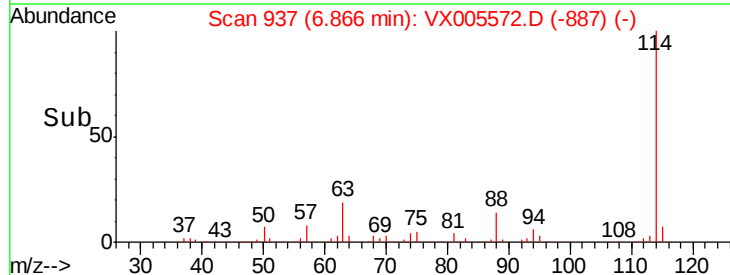
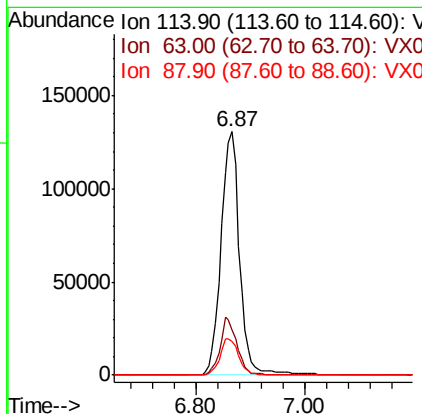
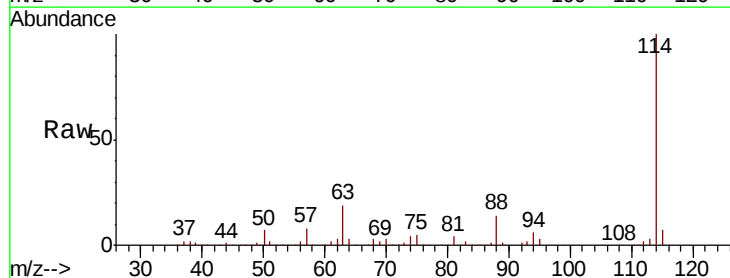
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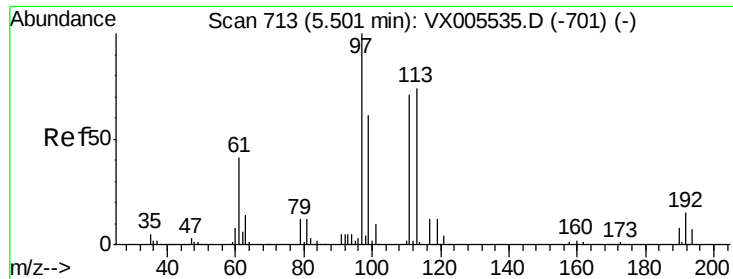
Tot Ion: 65 Resp: 130573
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005572.D
 Acq: 25 Oct 2018 05:51

Tgt Ion: 114 Resp: 309877
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.0
 88 13.6 0.0 30.4

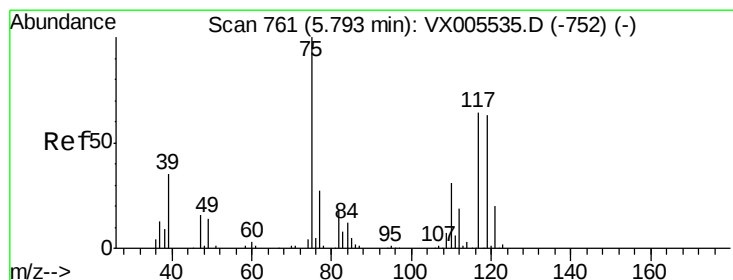
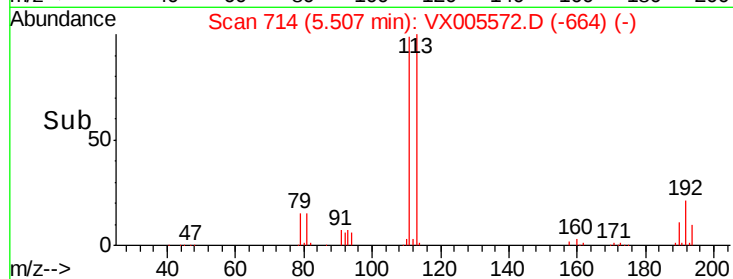
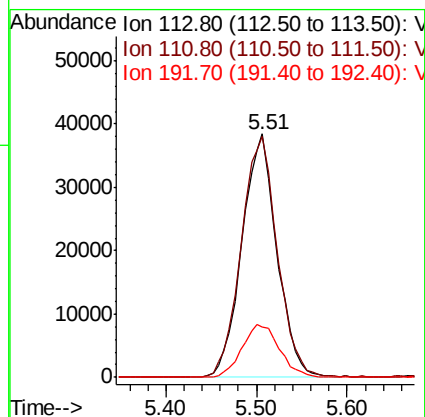
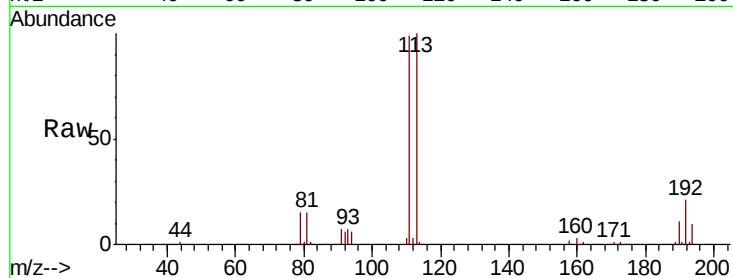




#35
 Dibromofluoromethane
 Concen: 48.883 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005572.D
 Acq: 25 Oct 2018 05:51

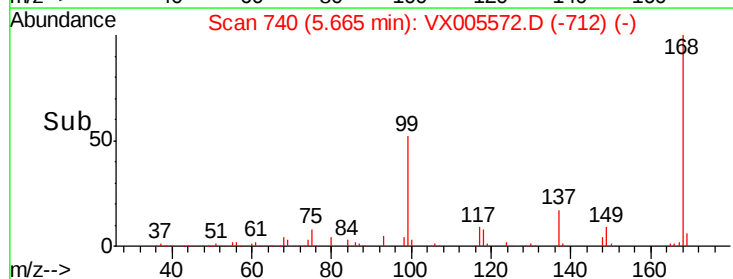
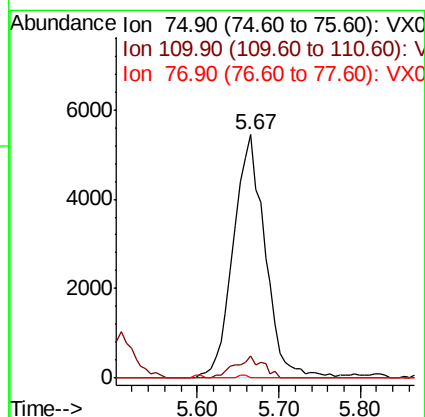
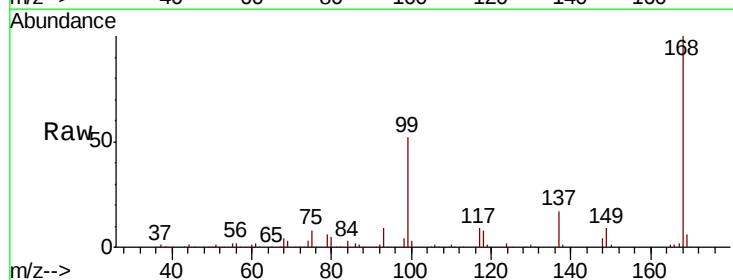
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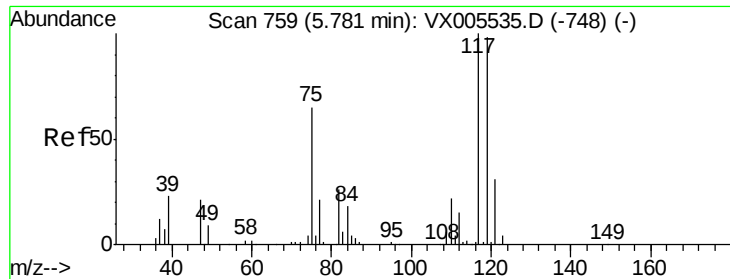
Tot Ion:113 Resp: 102567
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 23.2 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 4.899 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005572.D
 Acq: 25 Oct 2018 05:51

Tgt Ion: 75 Resp: 14731
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.0 54.0#
 77 0.3 24.6 36.8#

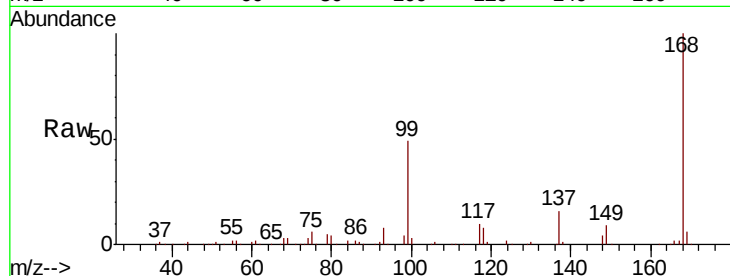




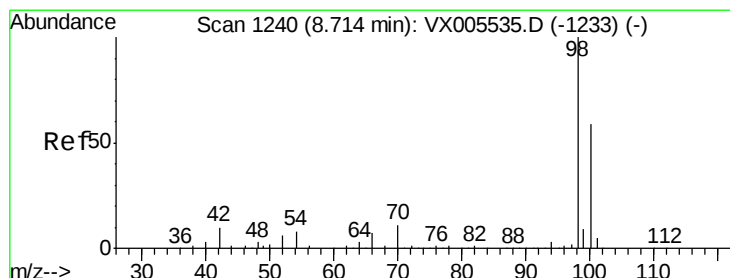
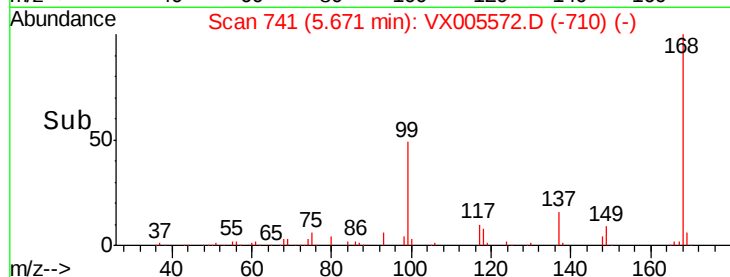
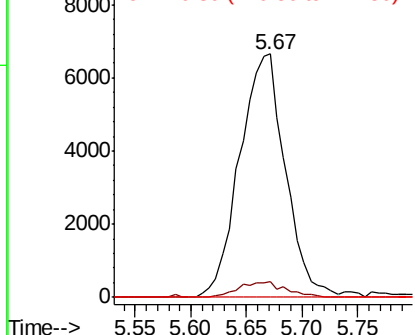
#38
Carbon Tetrachloride
Concen: 5.980 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.11 min
Lab File: VX005572.D
Acq: 25 Oct 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
S37-0005

Tot Ion:117 Resp: 18942
Ion Ratio Lower Upper
117 100
119 6.7 78.8 118.2#
121 0.0 24.9 37.3#

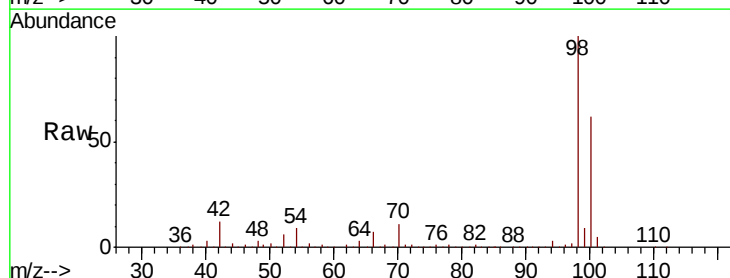


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

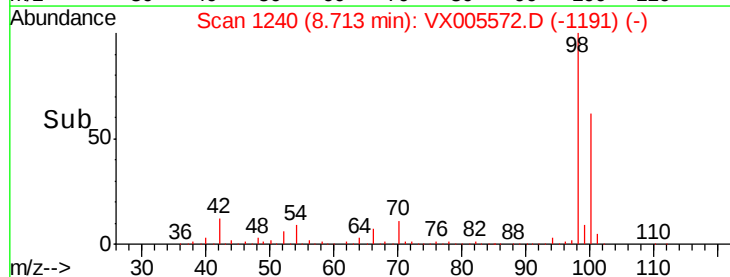
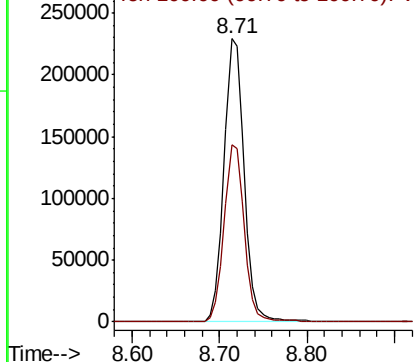


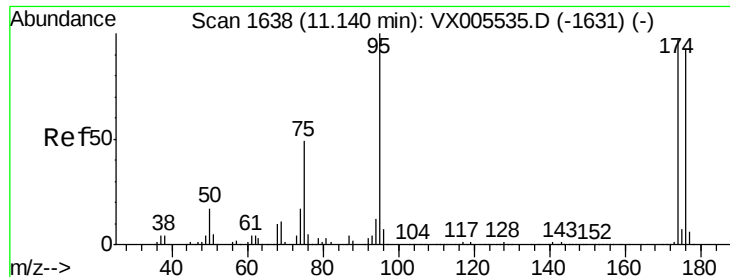
#50
Toluene-d8
Concen: 48.655 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005572.D
Acq: 25 Oct 2018 05:51

Tgt Ion: 98 Resp: 366826
Ion Ratio Lower Upper
98 100
100 62.8 52.9 79.3



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

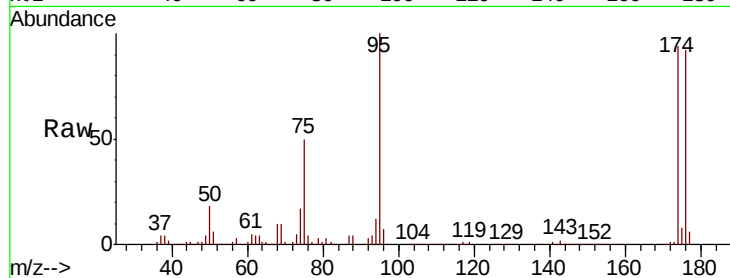




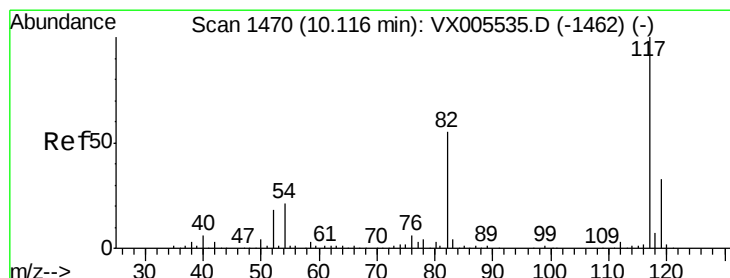
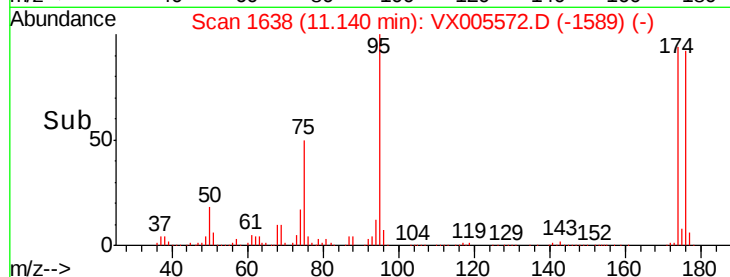
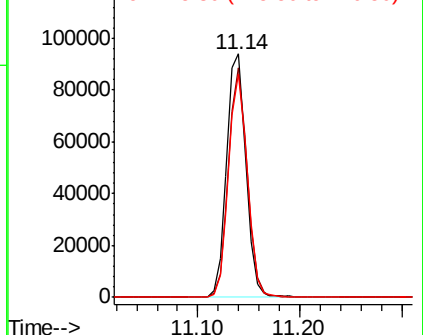
#62
4-Bromofluorobenzene
Concen: 43.363 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005572.D
Acq: 25 Oct 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
S37-0005

Tot Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	185.2
176	89.1	0.0	178.6

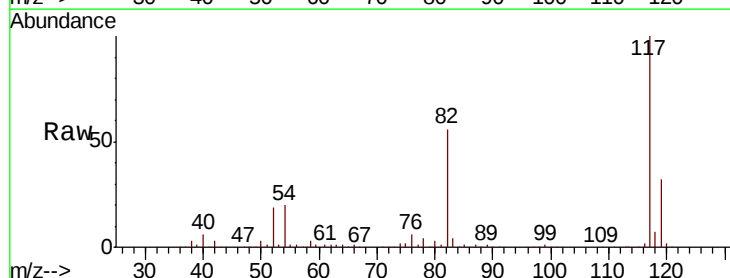


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

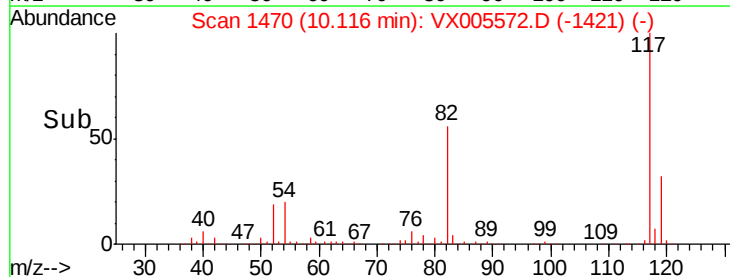
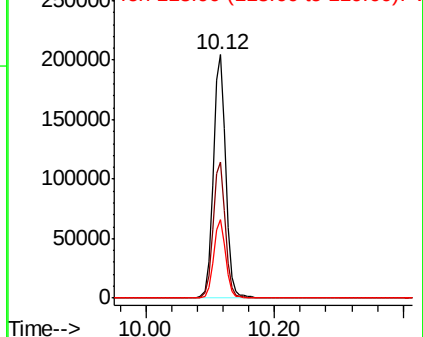


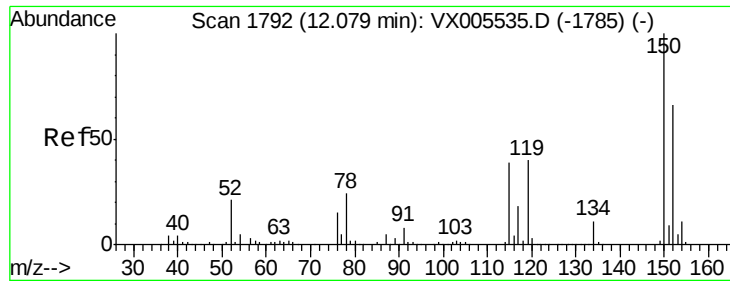
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005572.D
Acq: 25 Oct 2018 05:51

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.7	47.8	71.6
119	32.4	29.3	43.9



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005572.D

Acq: 25 Oct 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

S37-0005

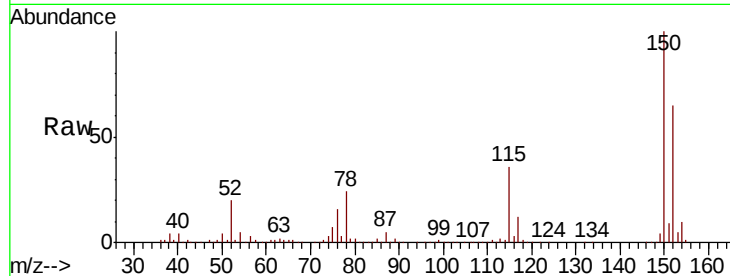
Tot Ion:152 Resp: 133128

Ion Ratio Lower Upper

152 100

115 55.7 39.0 117.0

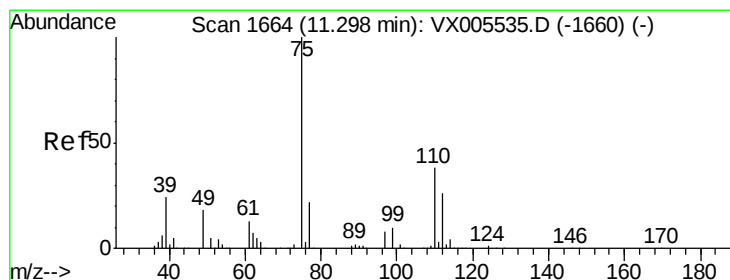
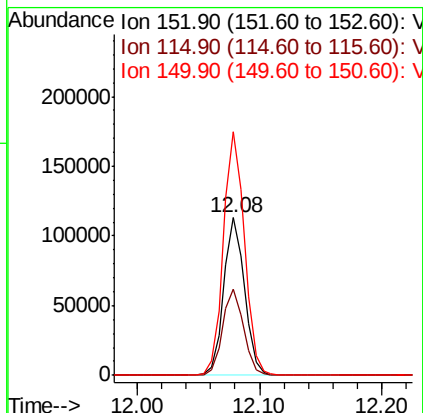
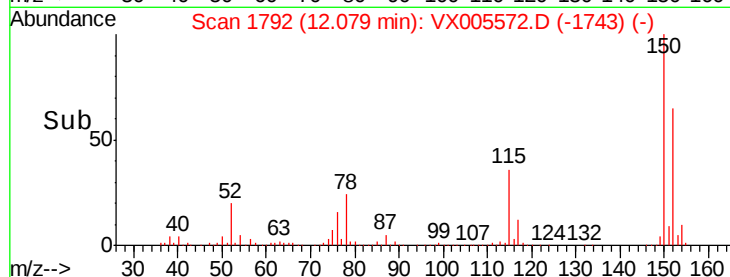
150 156.4 0.0 351.0



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: 23.002 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005572.D

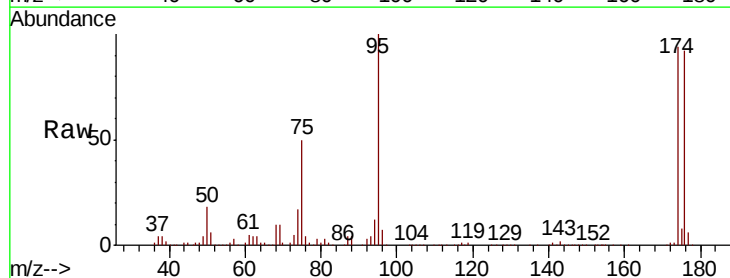
Acq: 25 Oct 2018 05:51

Tgt Ion: 75 Resp: 62373

Ion Ratio Lower Upper

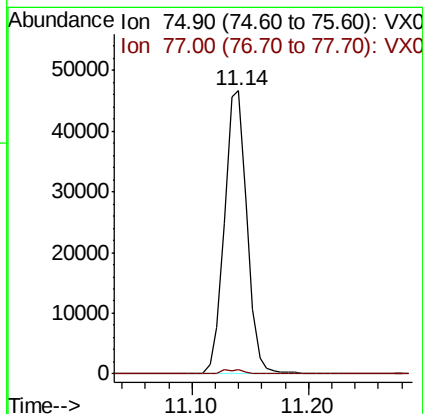
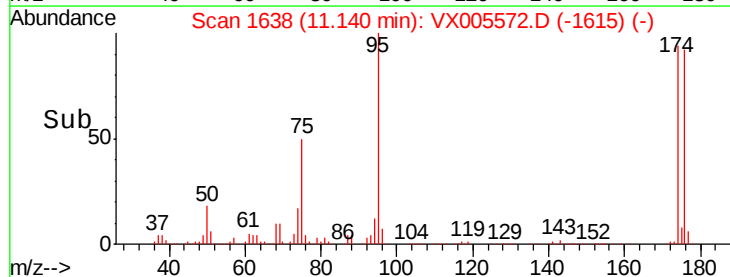
75 100

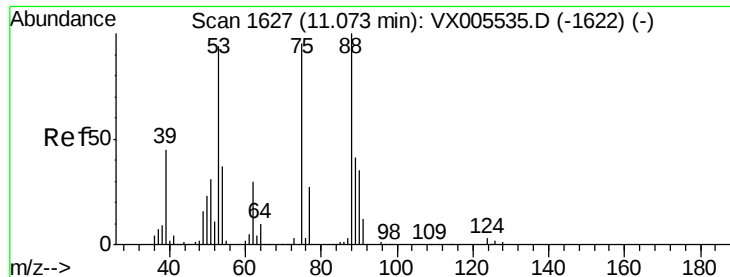
77 1.6 20.2 60.6#



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: 72.254 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005572.D

Acq: 25 Oct 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

S37-0005

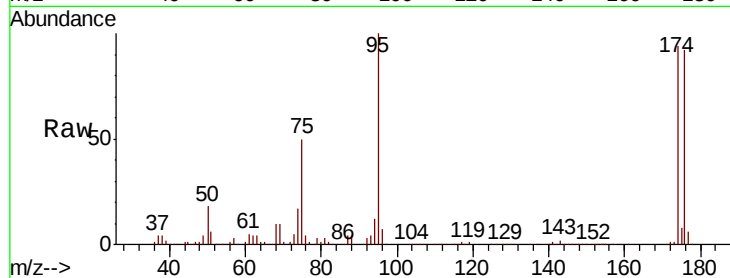
Tot Ion: 75 Resp: 62373

Ion Ratio Lower Upper

75 100

53 0.3 80.1 120.1#

89 0.0 37.2 55.8#



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

