

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100918\
 Data File : VX005169.D
 Acq On : 09 Oct 2018 19:49
 Operator : JC/MD
 Sample : J5284-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-120D2-20181002

Quant Time: Oct 10 05:54:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

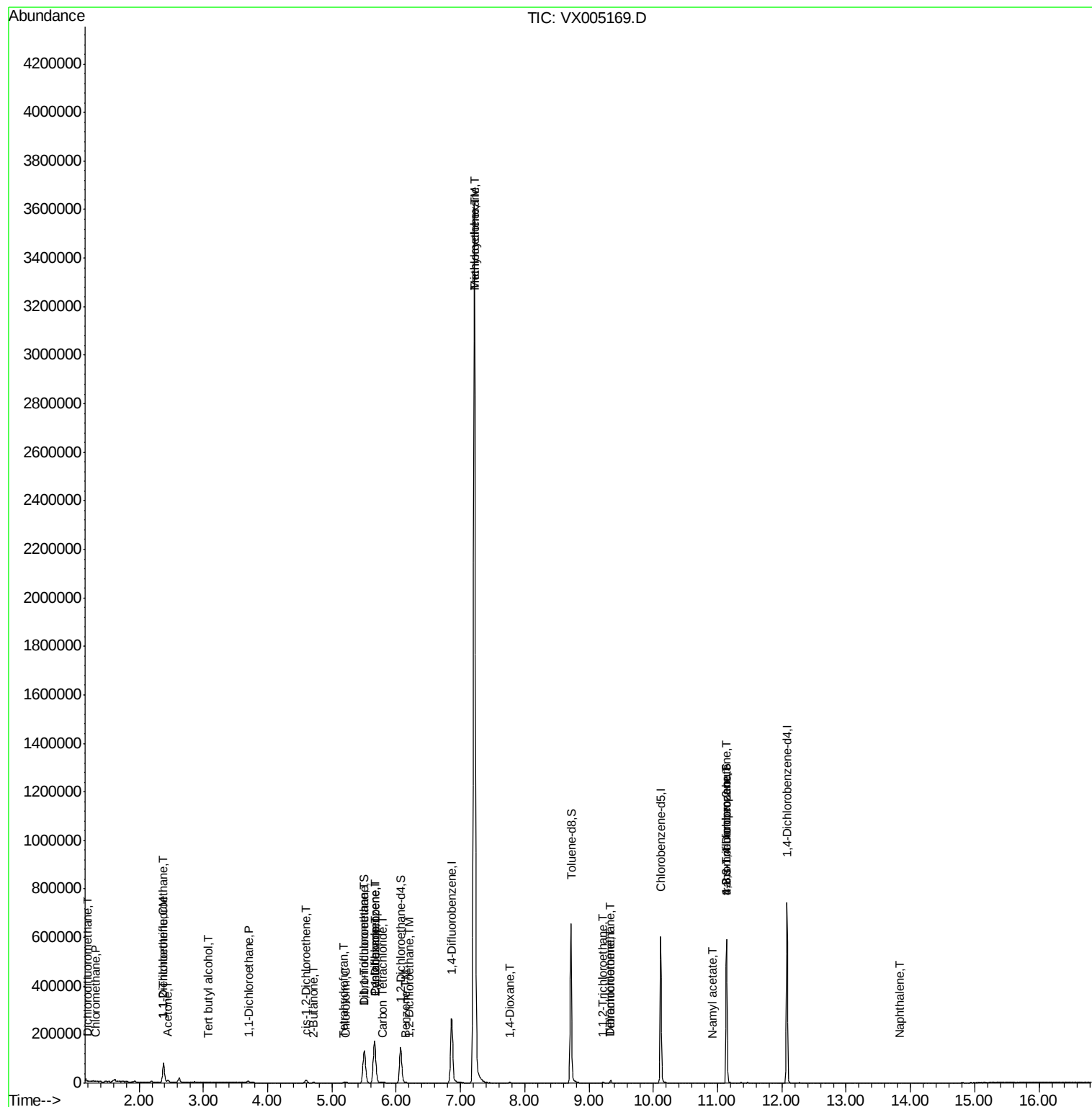
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	282442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137552	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
35) Dibromofluoromethane	5.51	113	115724	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
50) Toluene-d8	8.72	98	414554	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
62) 4-Bromofluorobenzene	11.14	95	144343	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	743	0.305	ug/l	99
3) Chloromethane	1.32	50	703	0.238	ug/l	89
6) Chloroethane	1.72	64	1420	Below Cal	#	45
9) 1,1,2-Trichlorotrifluoroet	2.38	101	24563	12.555	ug/l	99
11) Tert butyl alcohol	3.07	59	355	0.497	ug/l	97
12) 1,1-Dichloroethene	2.37	96	7951	4.104	ug/l	97
16) Acetone	2.45	43	6692	4.488	ug/l	90
20) Methylene Chloride	2.86	84	477	Below Cal	#	74
24) 1,1-Dichloroethane	3.70	63	4238	0.998	ug/l	# 94
25) 2-Butanone	4.71	43	3315	1.508	ug/l	# 88
27) cis-1,2-Dichloroethene	4.60	96	7223	3.049	ug/l	97
29) Tetrahydrofuran	5.17	42	1152	0.843	ug/l	88
30) Chloroform	5.21	83	2751	0.685	ug/l	97
31) Cyclohexane	5.66	56	3408	1.049	ug/l	# 1
32) 1,1,1-Trichloroethane	5.49	97	1000	0.305	ug/l	# 44
36) 1,1-Dichloropropene	5.66	75	12658	3.876	ug/l	# 46
38) Carbon Tetrachloride	5.79	117	1991	0.580	ug/l	92
39) Methylcyclohexane	7.21	83	15417	4.623	ug/l	# 1
40) Benzene	6.15	78	3007	0.294	ug/l	92
42) 1,2-Dichloroethane	6.20	62	786	0.217	ug/l	# 73
44) Trichloroethene	7.21	130	1445771	575.194	ug/l	96
49) 1,4-Dioxane	7.76	88	1566	22.194	ug/l	# 86
55) 1,1,2-Trichloroethane	9.22	97	1373	0.558	ug/l	93
60) Dibromochloromethane	9.34	129	1765	0.717	ug/l	# 10
64) Tetrachloroethene	9.34	164	2131	0.776	ug/l	# 83
74) N-amyl acetate	10.91	43	117	1.769	ug/l	# 43
76) 1,2,3-Trichloropropane	11.14	75	72043	20.795	ug/l	# 35
80) 1,3,5-Trimethylbenzene	11.51	105	101	Below Cal	#	29
81) trans-1,4-Dichloro-2-buten	11.14	75	72043	56.448	ug/l	# 10
84) 1,2,4-Trimethylbenzene	11.81	105	148	Below Cal		77
95) Naphthalene	13.83	128	383	0.749	ug/l	# 76

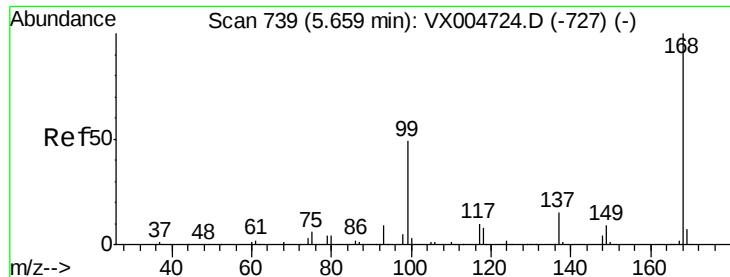
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 04:00:03 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

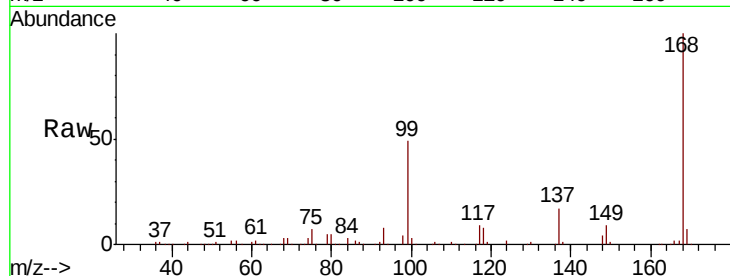
RE-120D2-20181002

Tot Ion:168 Resp: 178810

Ion Ratio Lower Upper

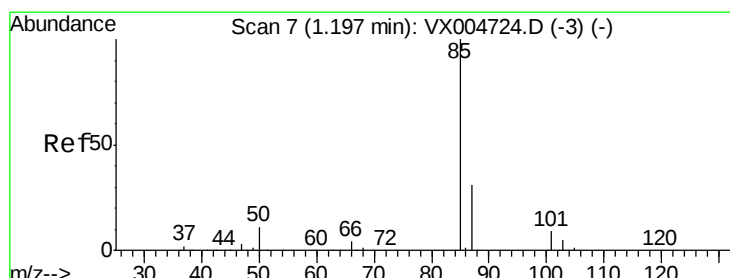
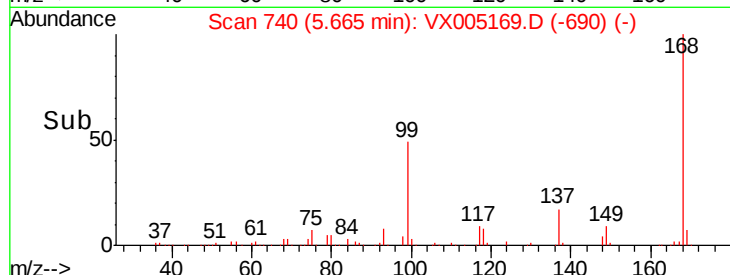
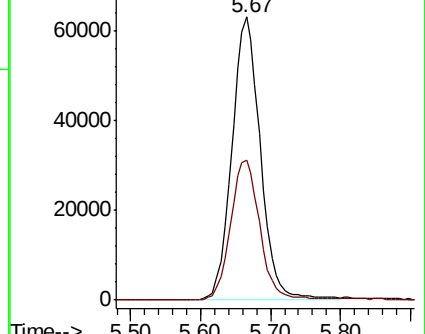
168 100

99 49.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.305 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005169.D

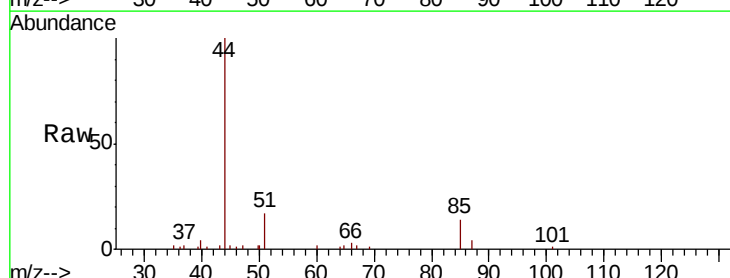
Acq: 09 Oct 2018 19:49

Tgt Ion: 85 Resp: 743

Ion Ratio Lower Upper

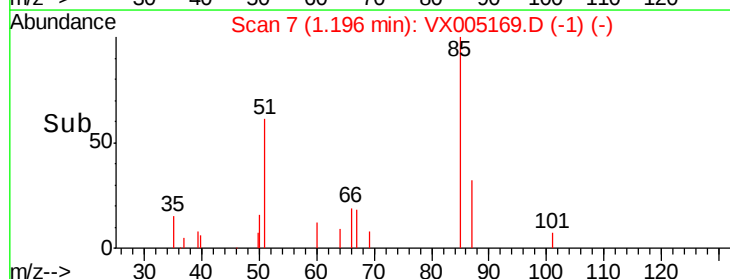
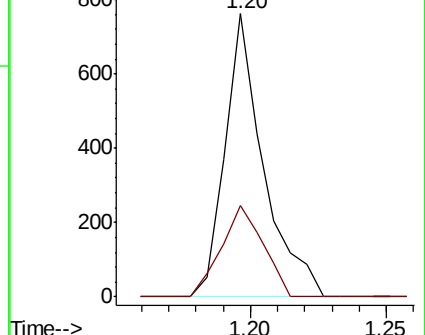
85 100

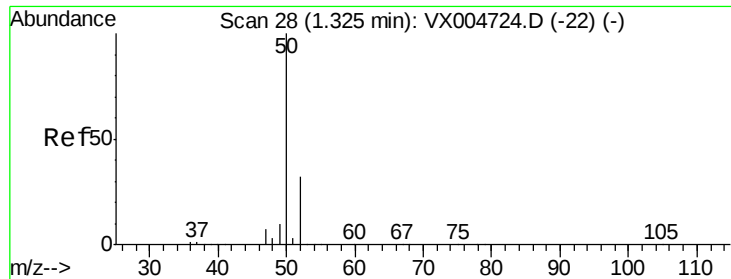
87 32.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.238 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

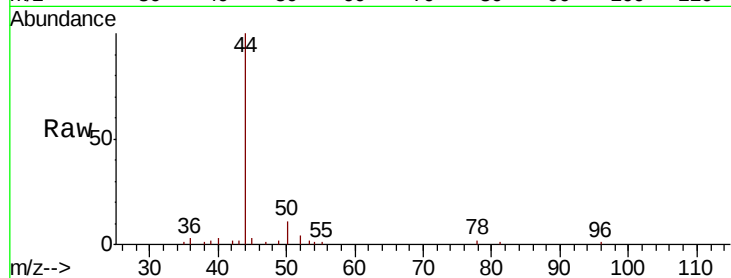
RE-120D2-20181002

Tot Ion: 50 Resp: 703

Ion Ratio Lower Upper

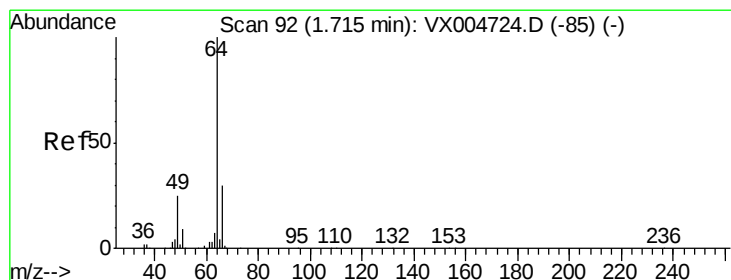
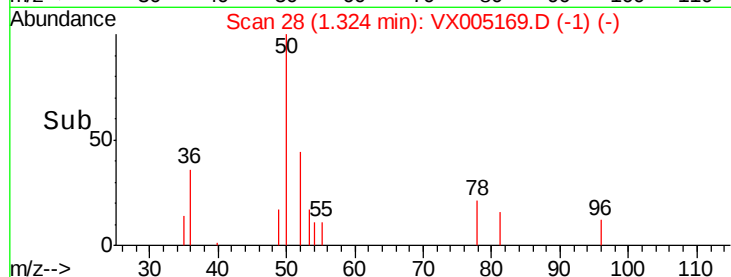
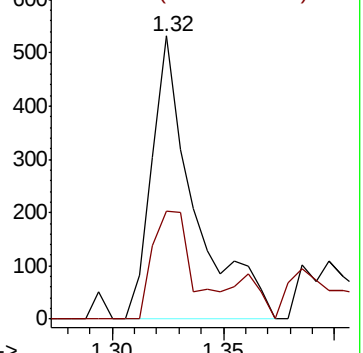
50 100

52 38.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005169.D

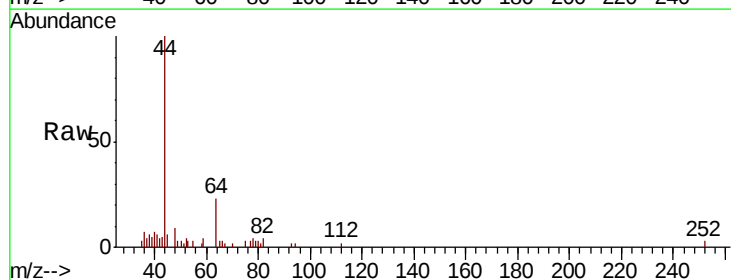
Acq: 09 Oct 2018 19:49

Tgt Ion: 64 Resp: 1420

Ion Ratio Lower Upper

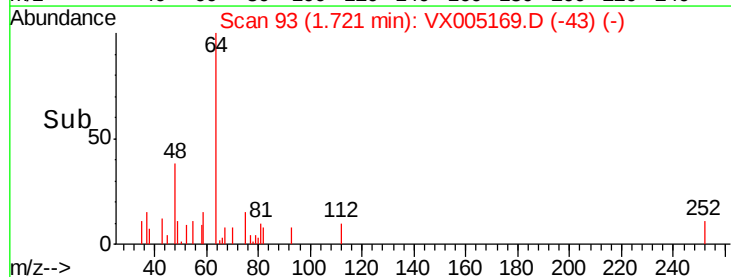
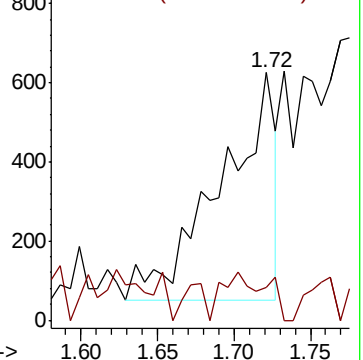
64 100

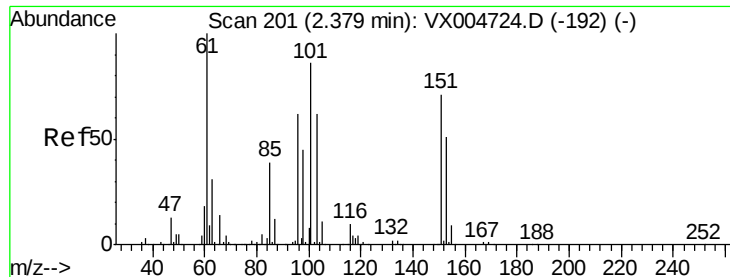
66 0.0 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.555 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

RE-120D2-20181002

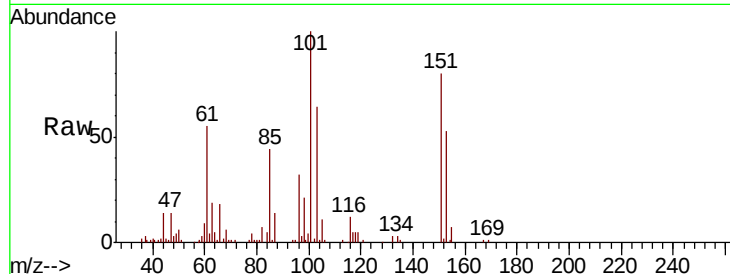
Tot Ion:101 Resp: 24563

Ion Ratio Lower Upper

101 100

85 45.9 35.9 53.9

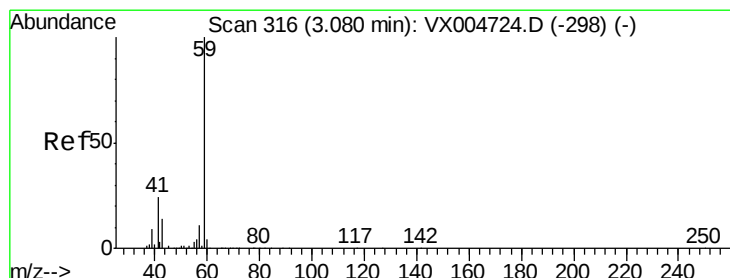
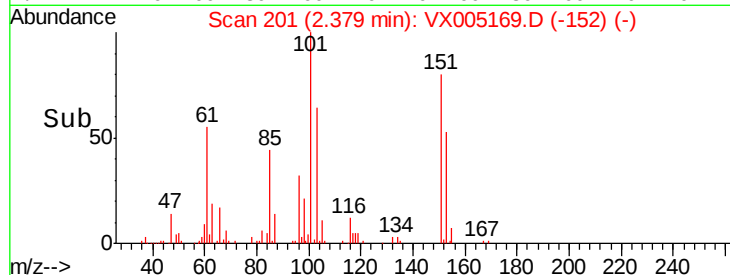
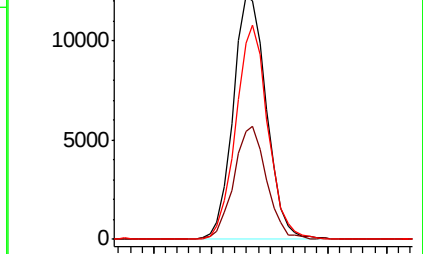
151 84.4 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 0.497 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX005169.D

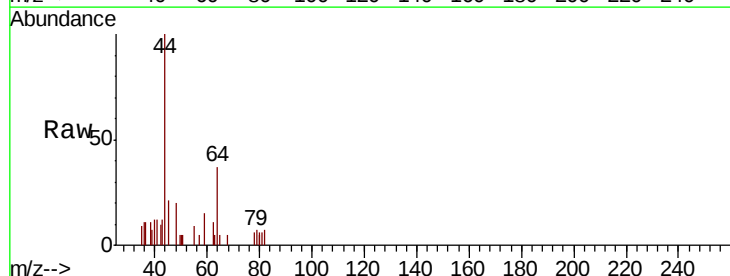
Acq: 09 Oct 2018 19:49

Tgt Ion: 59 Resp: 355

Ion Ratio Lower Upper

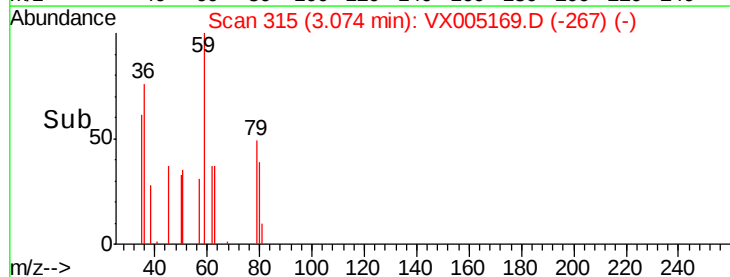
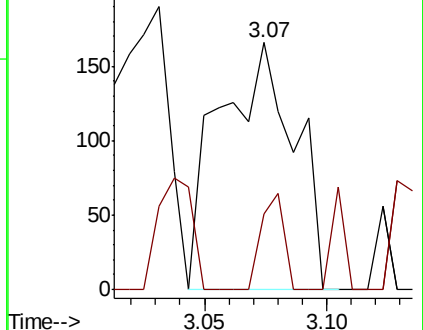
59 100

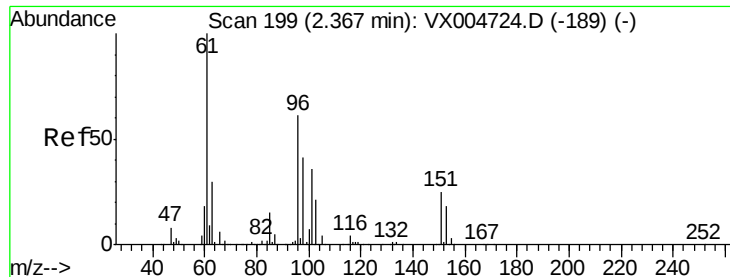
57 11.8 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 4.104 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

RE-120D2-20181002

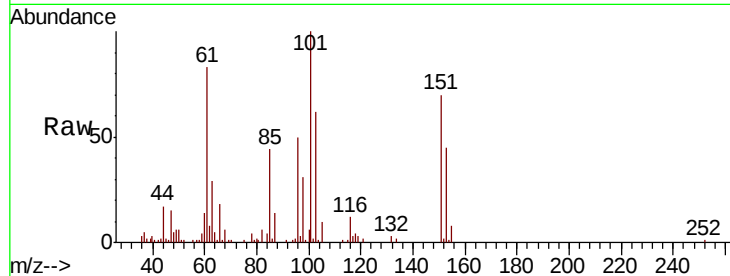
Tot Ion: 96 Resp: 7951

Ion Ratio Lower Upper

96 100

61 164.4 130.2 195.4

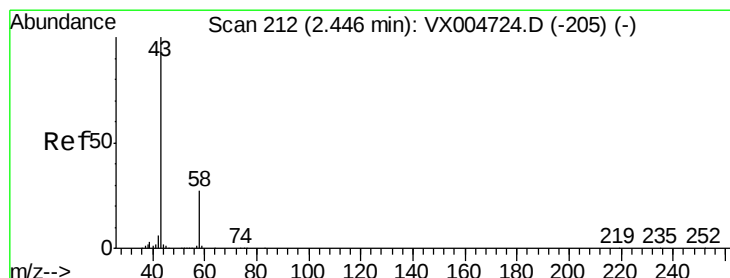
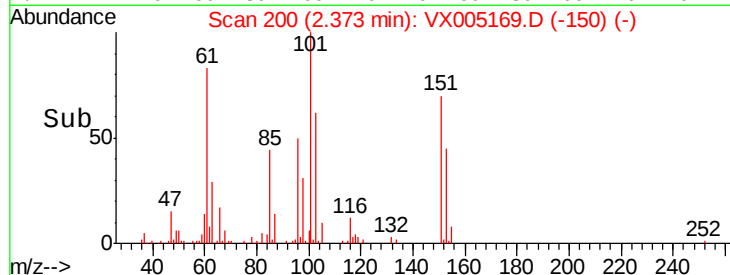
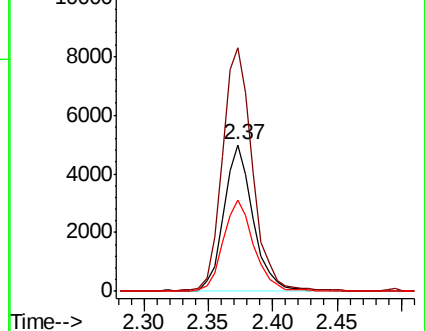
98 62.2 53.4 80.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 4.488 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005169.D

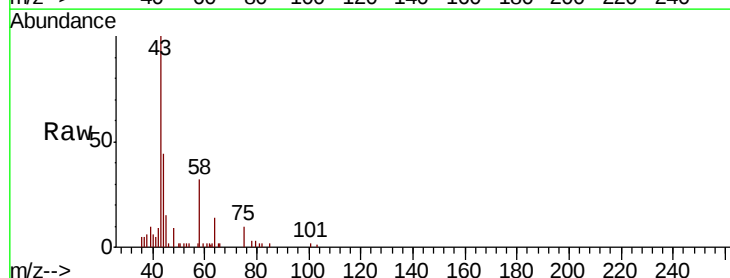
Acq: 09 Oct 2018 19:49

Tgt Ion: 43 Resp: 6692

Ion Ratio Lower Upper

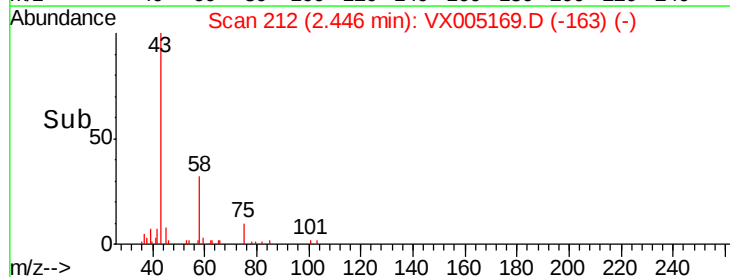
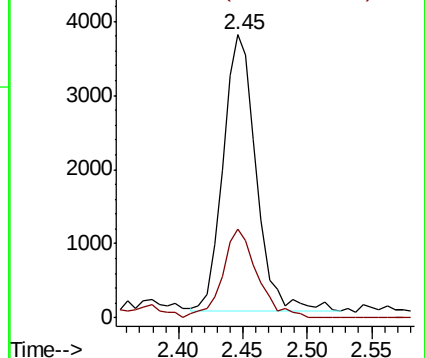
43 100

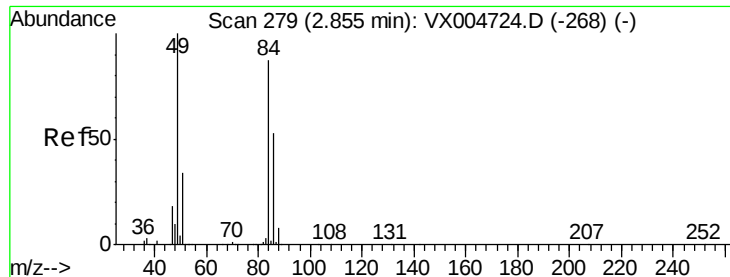
58 32.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

RE-120D2-20181002

Tot Ion: 84 Resp: 477

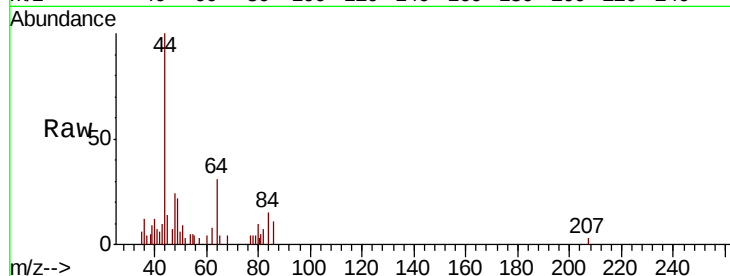
Ion Ratio Lower Upper

84 100

49 148.5 92.3 138.5#

51 61.6 31.8 47.6#

86 70.3 48.5 72.7

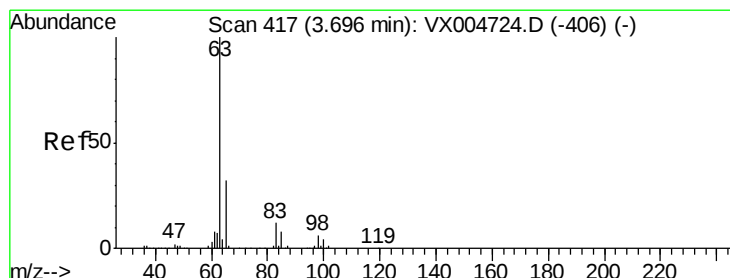
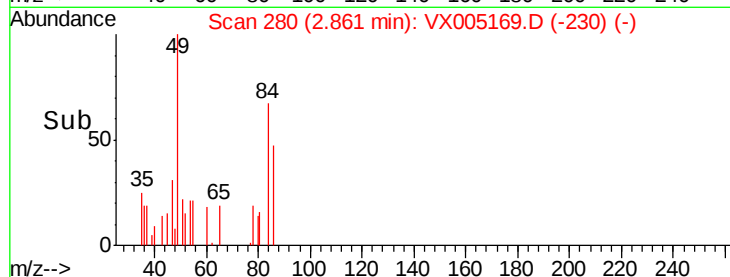
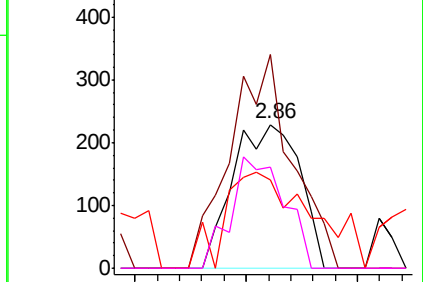


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#24

1,1-Dichloroethane

Concen: 0.998 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

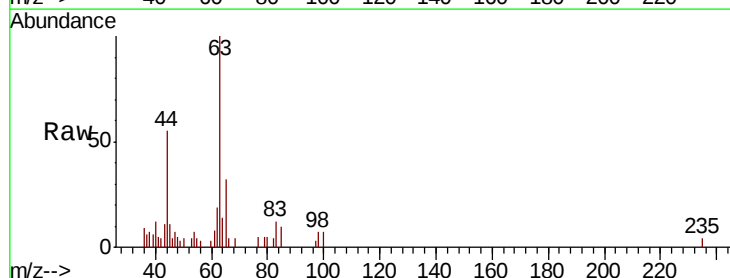
Tgt Ion: 63 Resp: 4238

Ion Ratio Lower Upper

63 100

98 7.2 3.0 9.2

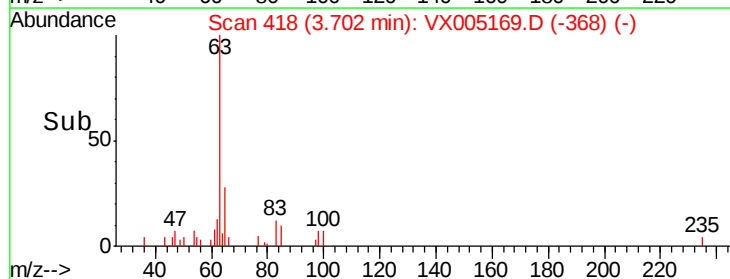
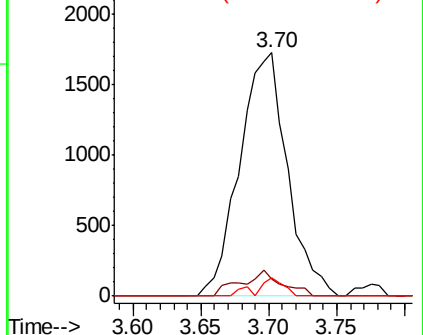
100 7.5 2.0 5.8#

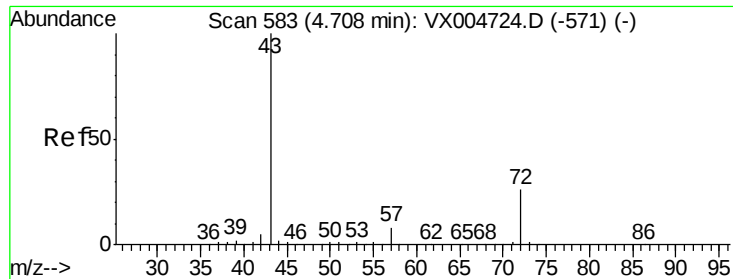


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 1.508 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

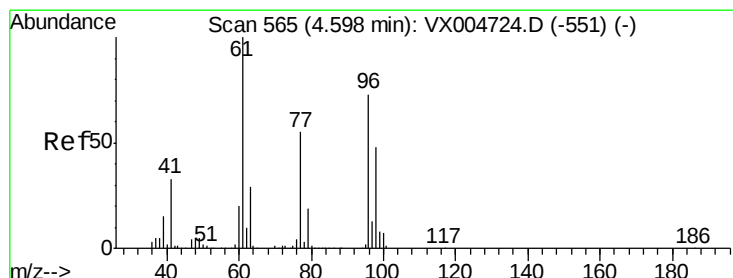
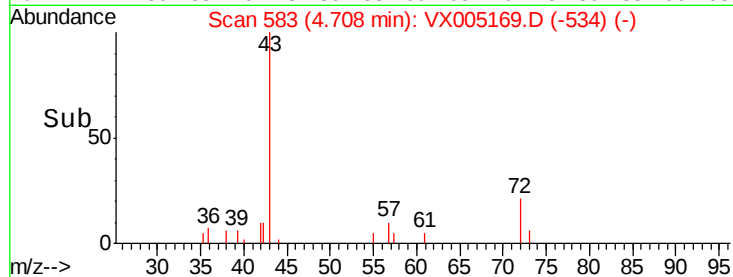
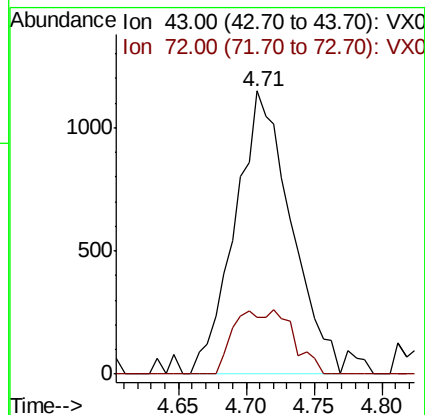
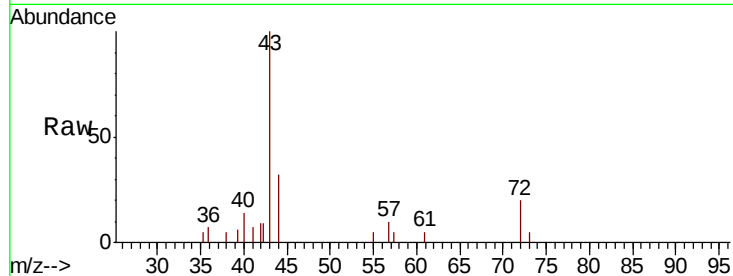
RE-120D2-20181002

Tot Ion: 43 Resp: 3315

Ion Ratio Lower Upper

43 100

72 20.1 20.8 31.2#



#27

cis-1,2-Dichloroethene

Concen: 3.049 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

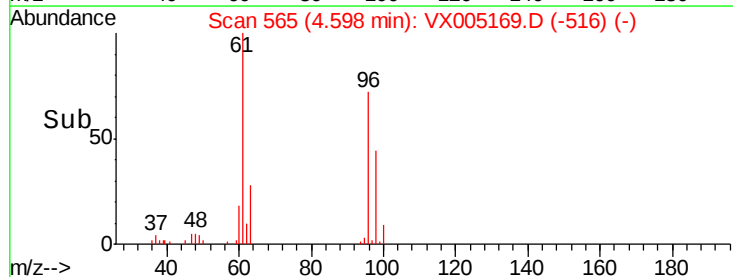
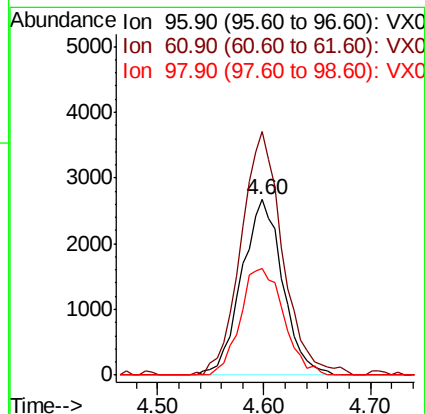
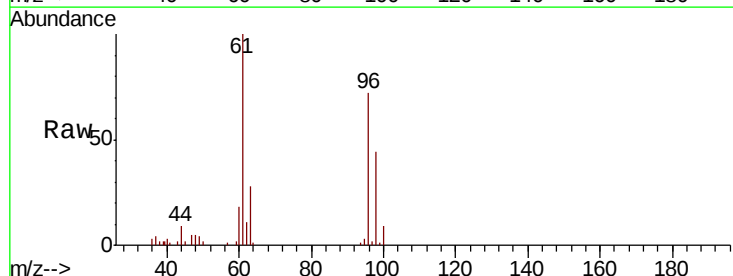
Tgt Ion: 96 Resp: 7223

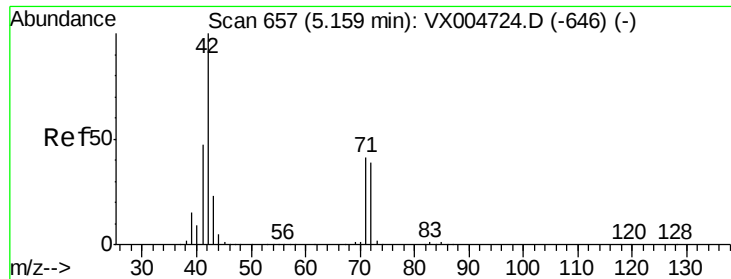
Ion Ratio Lower Upper

96 100

61 140.9 0.0 285.8

98 64.3 0.0 136.2





#29

Tetrahydrofuran

Concen: 0.843 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

RE-120D2-20181002

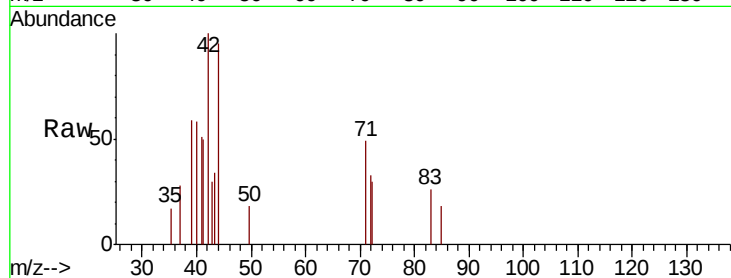
Tot Ion: 42 Resp: 1152

Ion Ratio Lower Upper

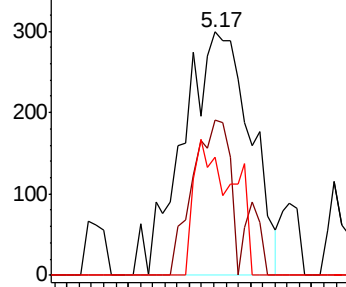
42 100

72 34.9 33.7 50.5

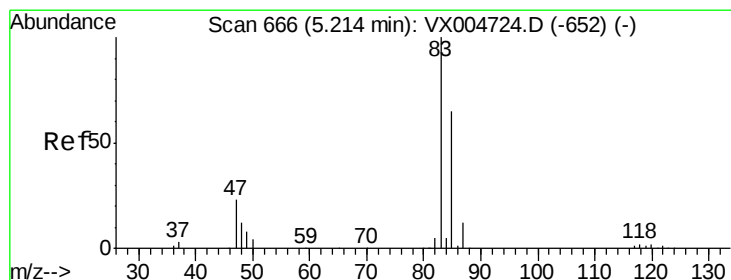
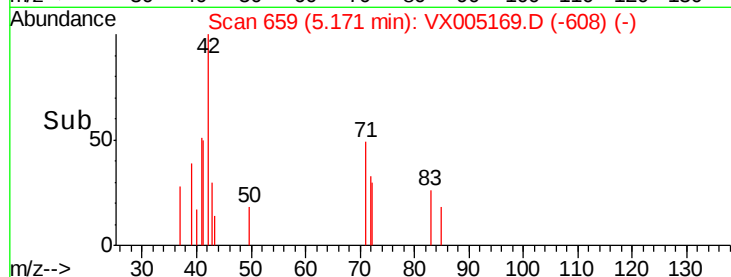
71 32.5 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



Time-->



#30

Chloroform

Concen: 0.685 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005169.D

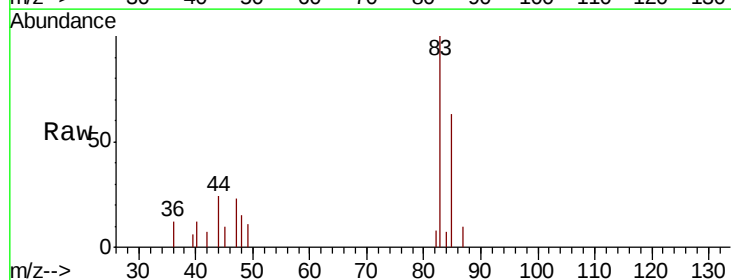
Acq: 09 Oct 2018 19:49

Tgt Ion: 83 Resp: 2751

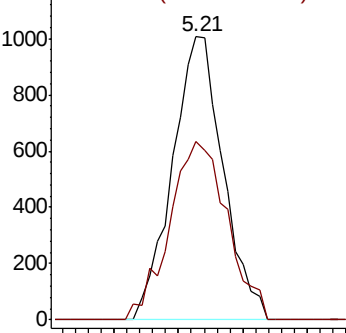
Ion Ratio Lower Upper

83 100

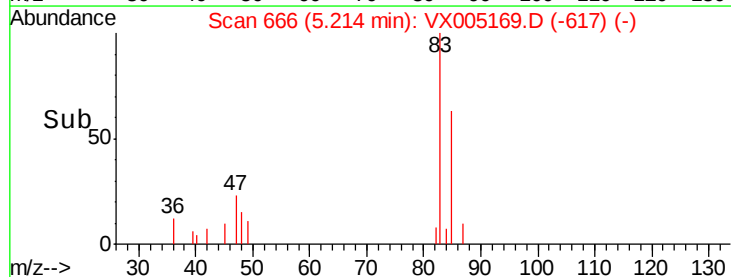
85 63.1 52.4 78.6

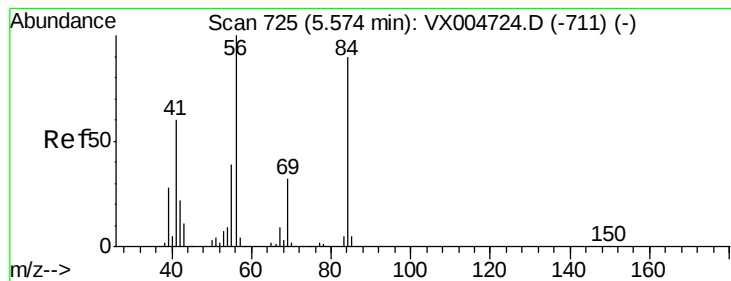


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0



Time-->





#31

Cyclohexane

Concen: 1.049 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

RE-120D2-20181002

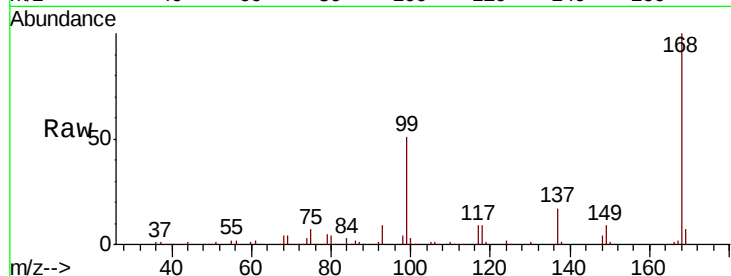
Tot Ion: 56 Resp: 3408

Ion Ratio Lower Upper

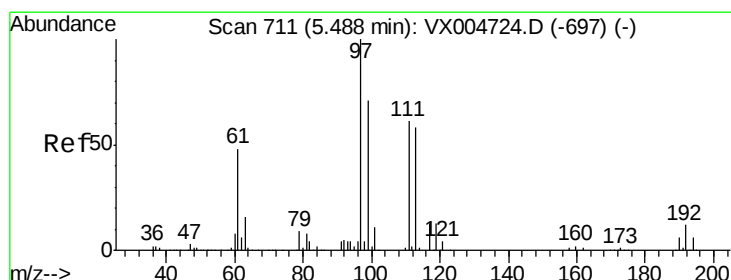
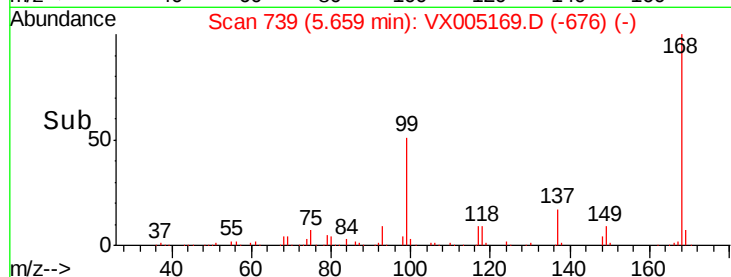
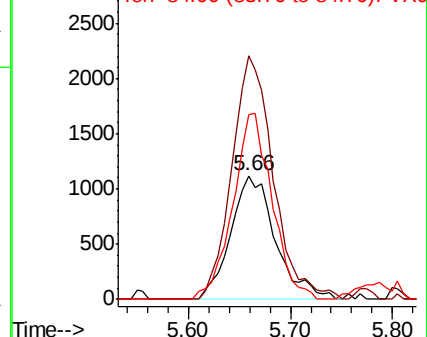
56 100

69 197.3 25.9 38.9#

84 149.9 71.9 107.9#



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



#32

1,1,1-Trichloroethane

Concen: 0.305 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

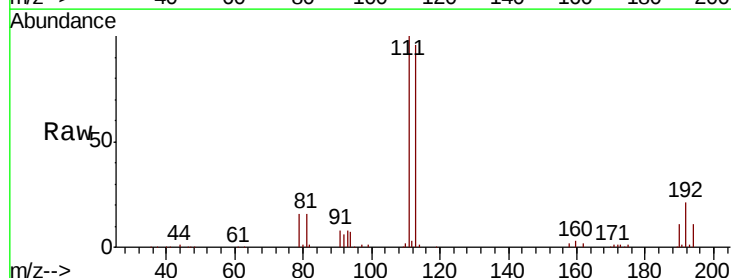
Tgt Ion: 97 Resp: 1000

Ion Ratio Lower Upper

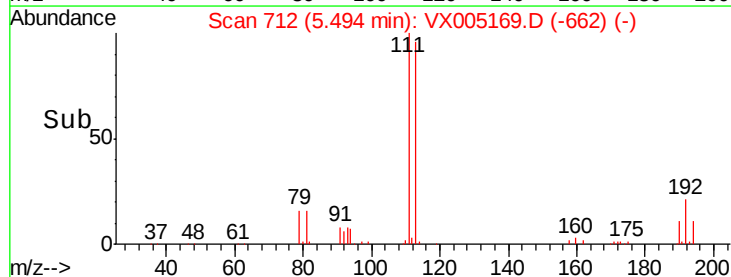
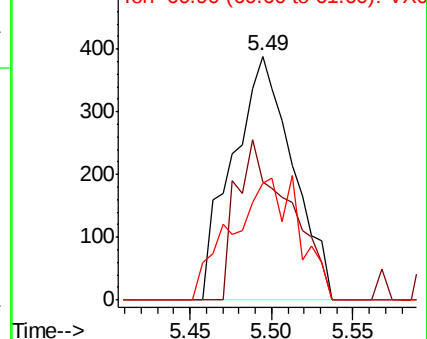
97 100

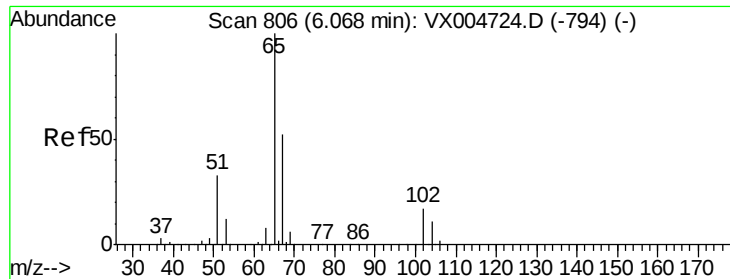
99 0.0 54.6 82.0#

61 56.2 37.5 56.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

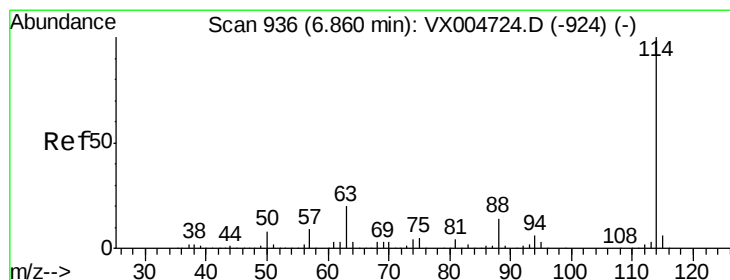
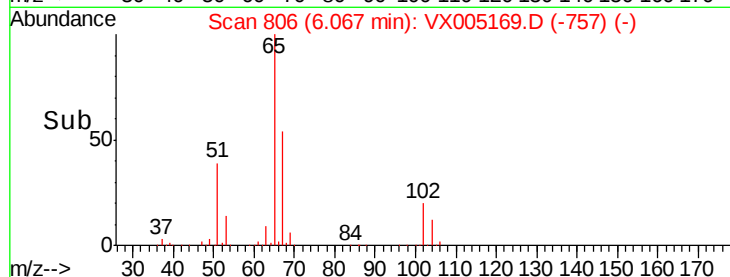
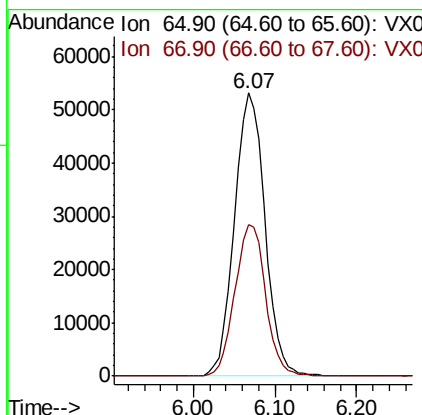
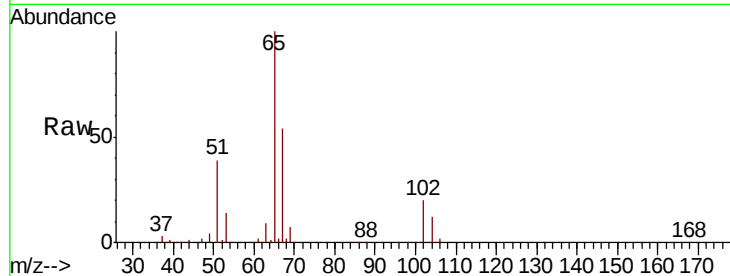




#33
 1,2-Dichloroethane-d4
 Concen: 53.851 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005169.D
 Acq: 09 Oct 2018 19:49

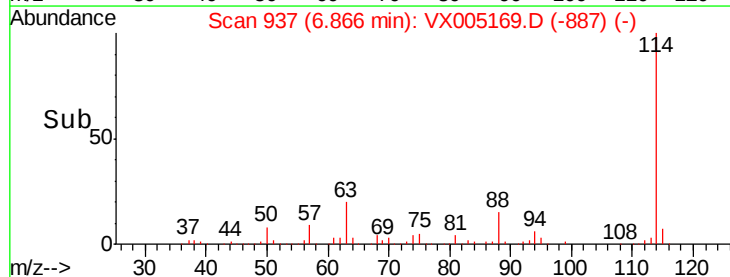
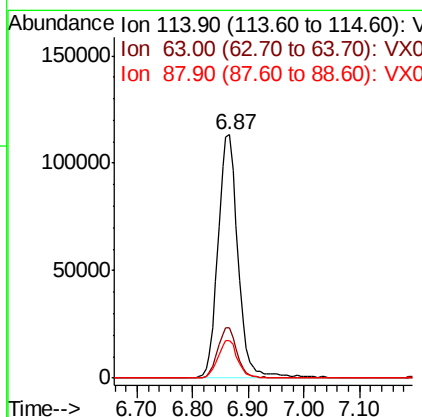
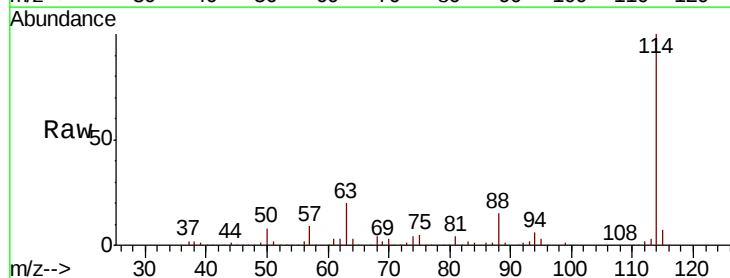
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-120D2-20181002

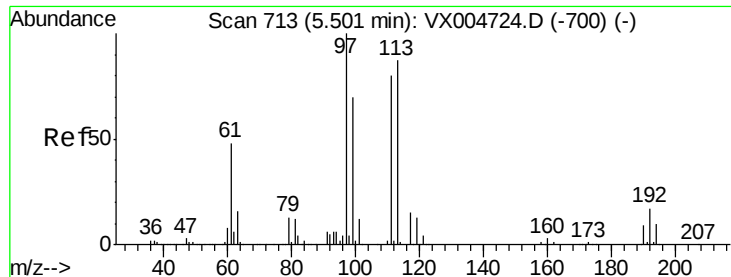
Tot Ion: 65 Resp: 137552
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005169.D
 Acq: 09 Oct 2018 19:49

Tgt Ion: 114 Resp: 282442
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 15.2 0.0 27.0

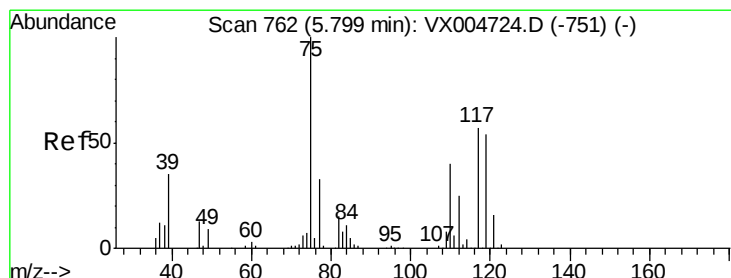
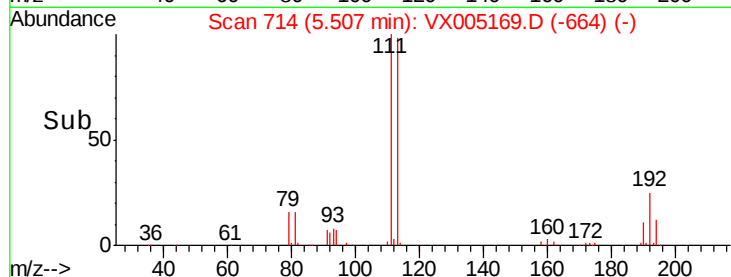
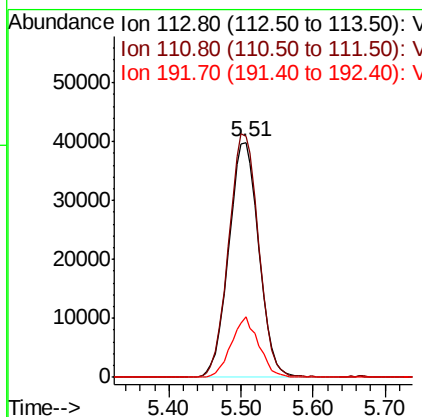
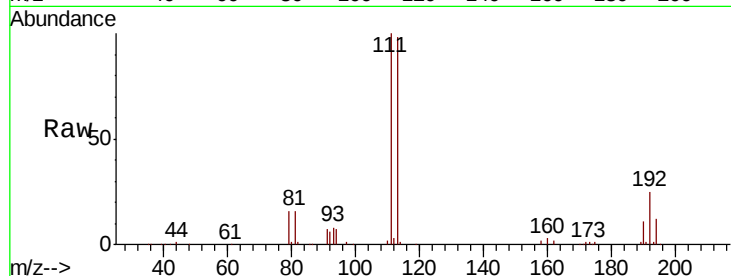




#35
 Dibromofluoromethane
 Concen: 48.345 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005169.D
 Acq: 09 Oct 2018 19:49

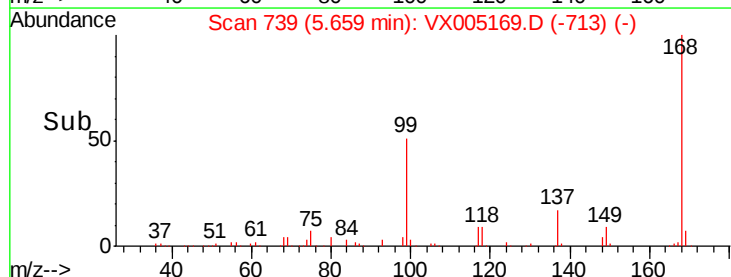
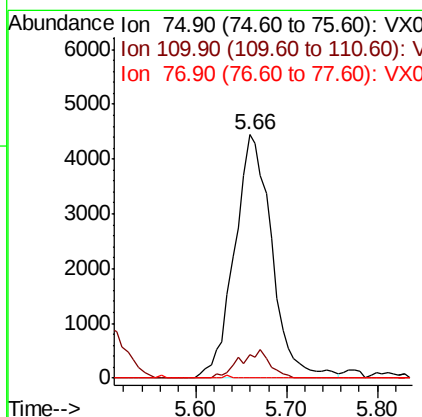
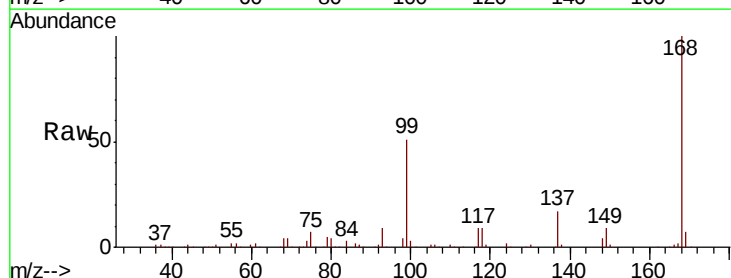
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-120D2-20181002

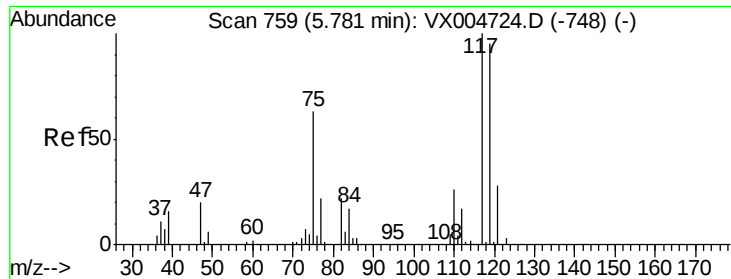
Tot Ion:113 Resp: 115724
 Ion Ratio Lower Upper
 113 100
 111 103.4 77.0 115.4
 192 23.5 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 3.876 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005169.D
 Acq: 09 Oct 2018 19:49

Tgt Ion: 75 Resp: 12658
 Ion Ratio Lower Upper
 75 100
 110 9.5 20.0 59.9#
 77 0.0 27.1 40.7#

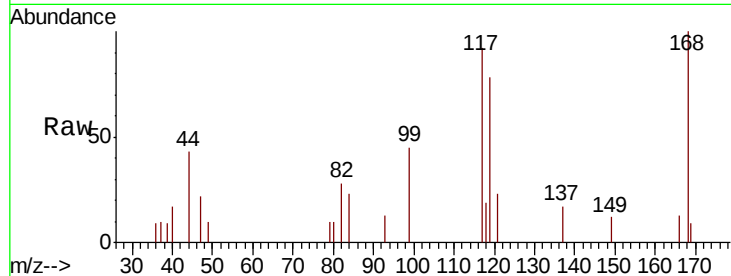




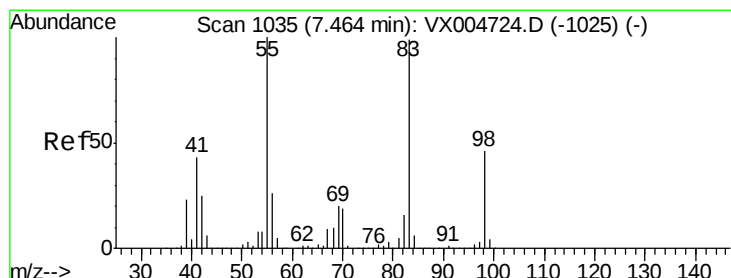
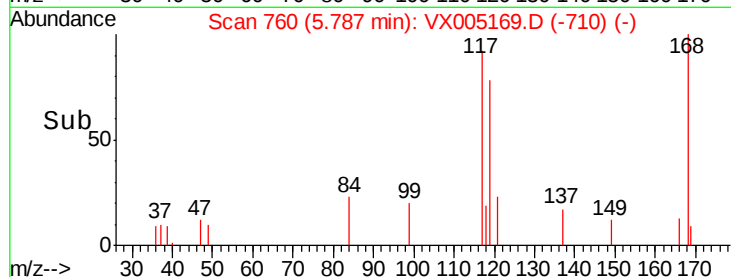
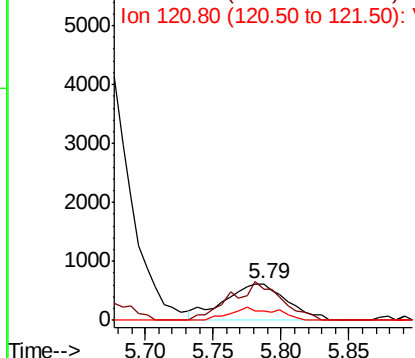
#38
Carbon Tetrachloride
Concen: 0.580 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005169.D
Acq: 09 Oct 2018 19:49

Instrument :
MSVOA_X
ClientSampleId :
RE-120D2-20181002

Tot Ion:117 Resp: 1991
Ion Ratio Lower Upper
117 100
119 85.2 75.2 112.8
121 25.2 22.5 33.7

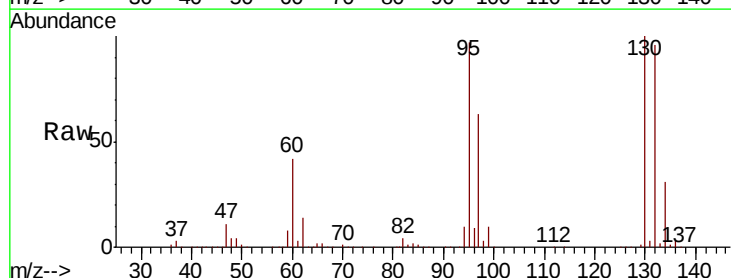


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

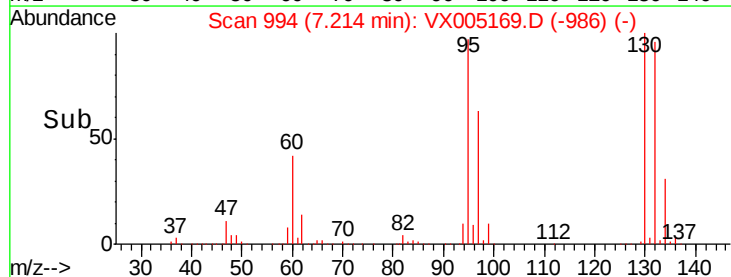
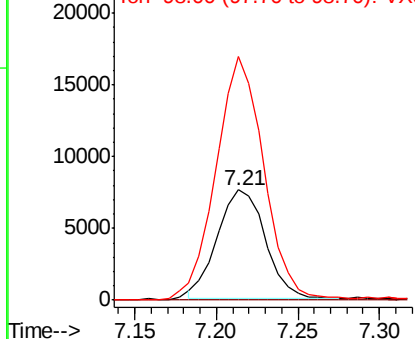


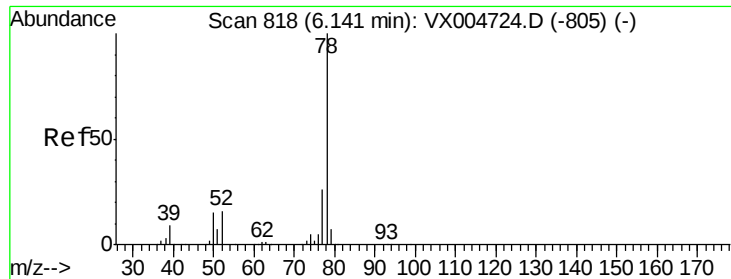
#39
Methylcyclohexane
Concen: 4.623 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX005169.D
Acq: 09 Oct 2018 19:49

Tgt Ion: 83 Resp: 15417
Ion Ratio Lower Upper
83 100
55 0.0 81.1 121.7#
98 222.1 37.3 55.9#



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.294 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

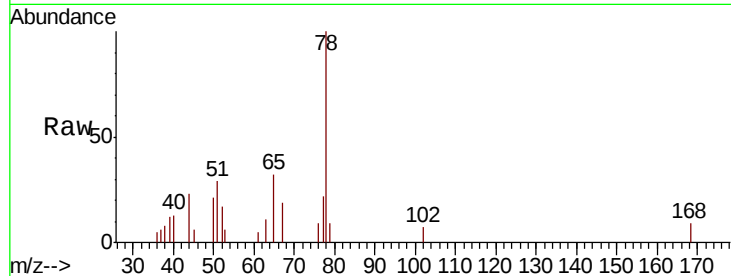
RE-120D2-20181002

Tot Ion: 78 Resp: 3007

Ion Ratio Lower Upper

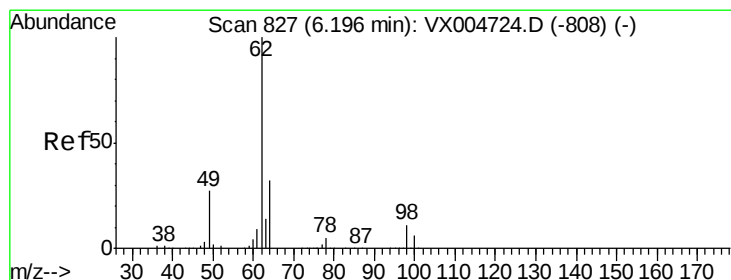
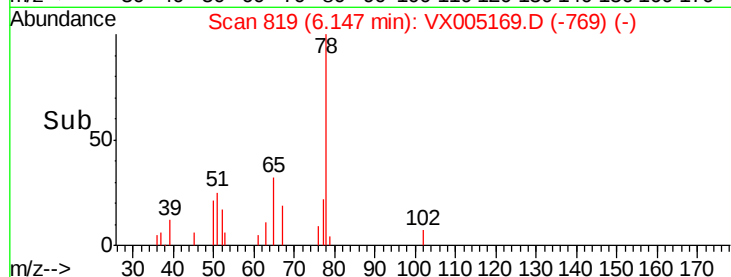
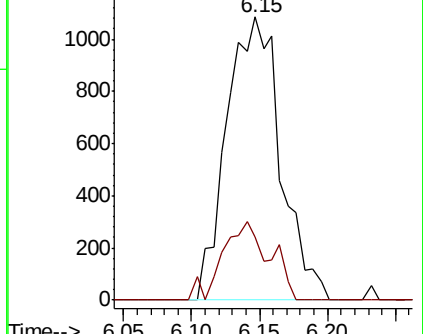
78 100

77 22.3 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.217 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX005169.D

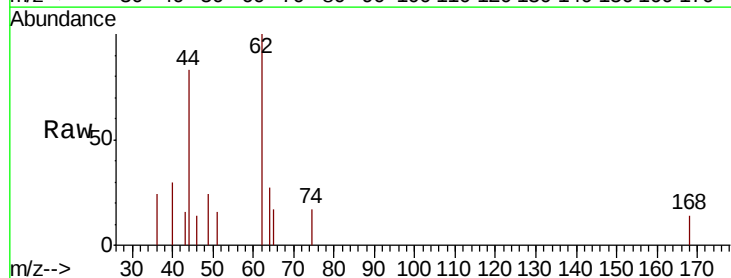
Acq: 09 Oct 2018 19:49

Tgt Ion: 62 Resp: 786

Ion Ratio Lower Upper

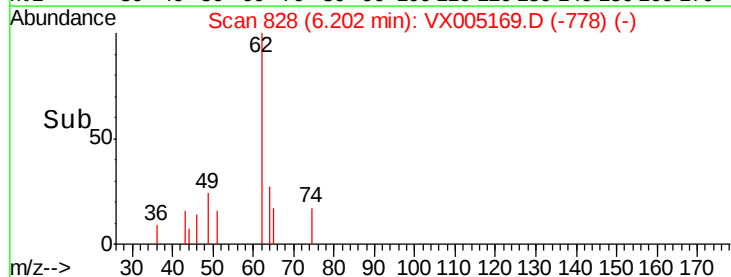
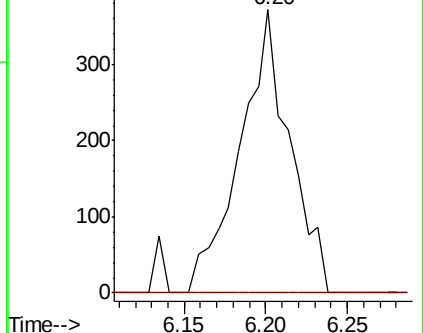
62 100

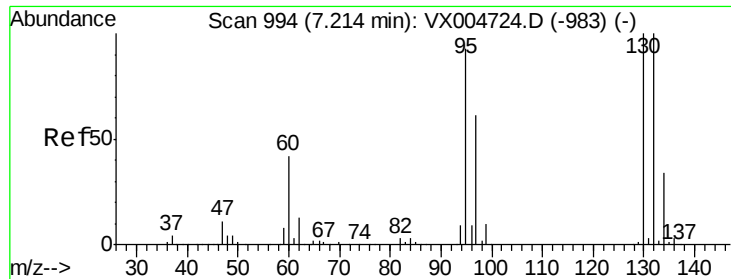
98 0.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 575.194 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

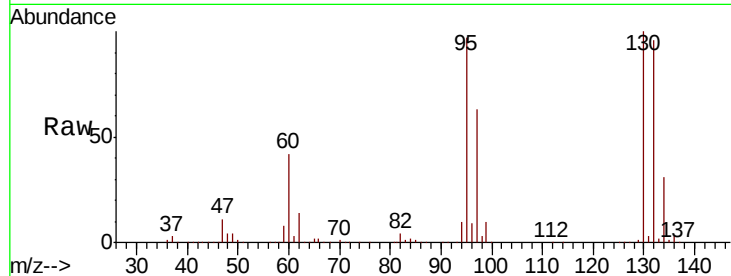
RE-120D2-20181002

Tot Ion:130 Resp: 1445771

Ion Ratio Lower Upper

130 100

95 97.1 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

800000

600000

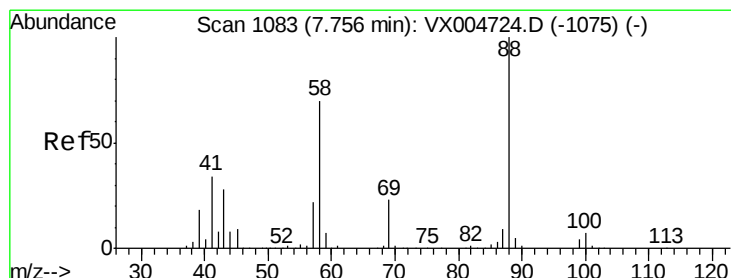
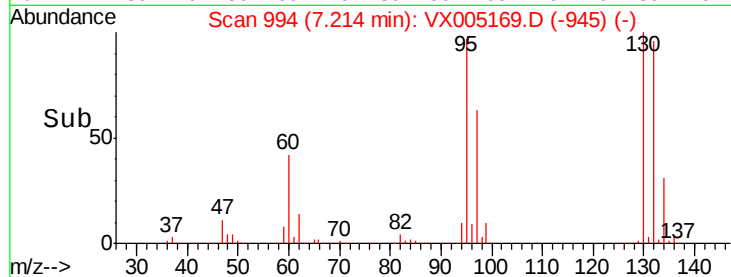
400000

200000

0

7.10 7.20 7.30 7.40 7.50

Time-->



#49

1,4-Dioxane

Concen: 22.194 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

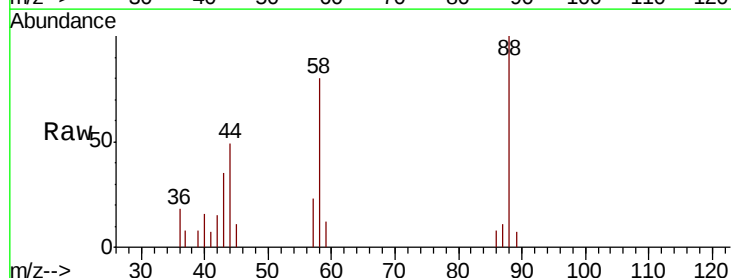
Tgt Ion: 88 Resp: 1566

Ion Ratio Lower Upper

88 100

43 43.8 25.1 37.7#

58 78.9 56.2 84.2



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

1000

800

600

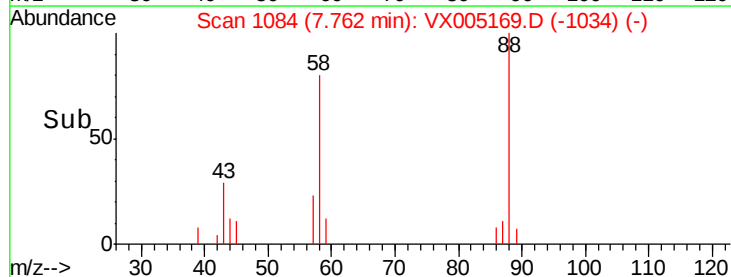
400

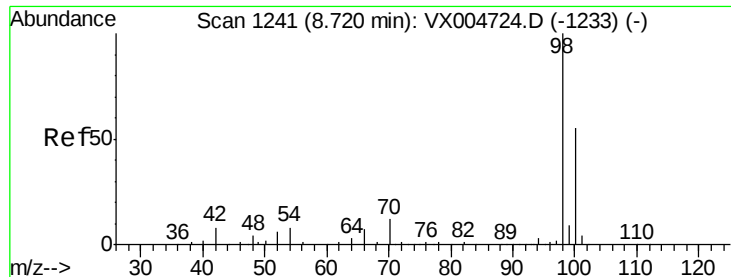
200

0

7.70 7.75 7.80

Time-->





#50

Toluene-d8

Concen: 52.093 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

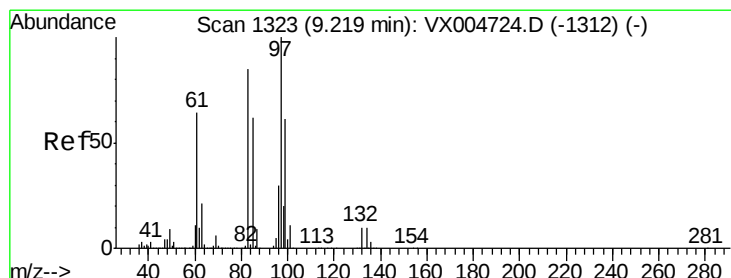
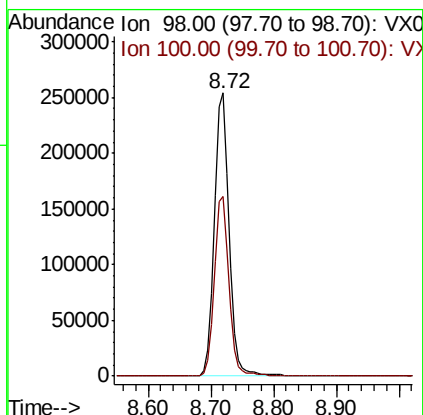
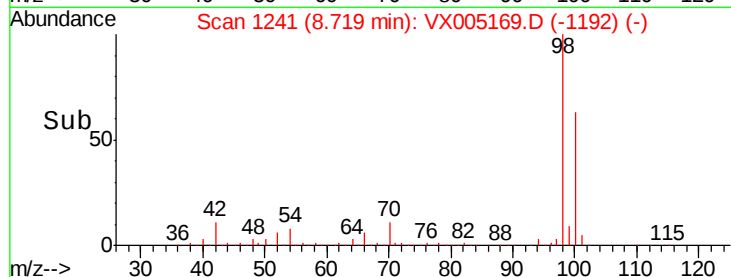
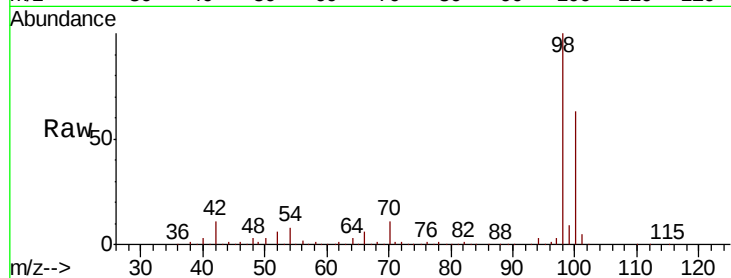
RE-120D2-20181002

Tot Ion: 98 Resp: 414554

Ion Ratio Lower Upper

98 100

100 63.3 51.9 77.9



#55

1,1,2-Trichloroethane

Concen: 0.558 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Tgt Ion: 97 Resp: 1373

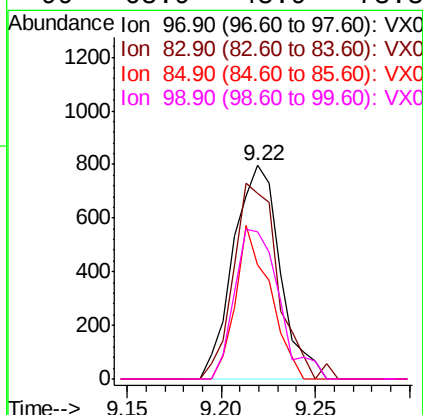
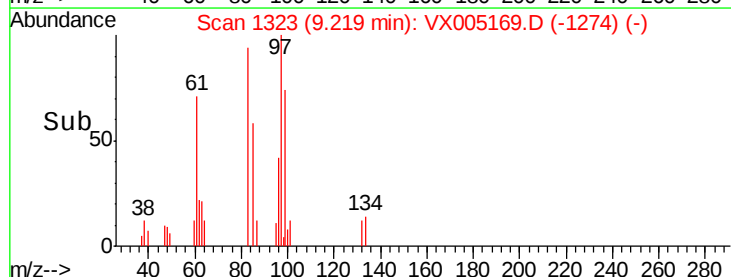
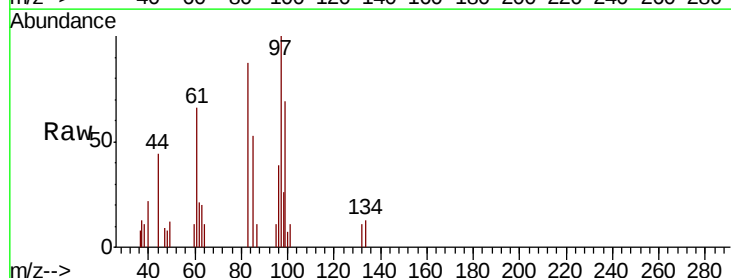
Ion Ratio Lower Upper

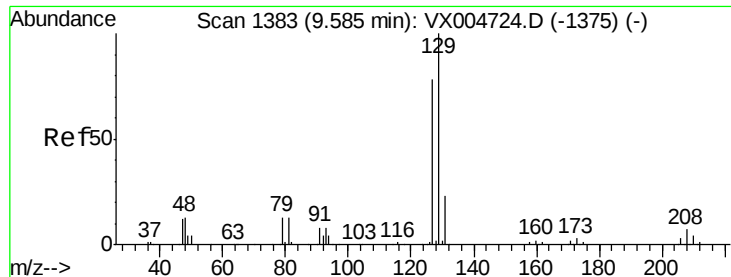
97 100

83 87.1 68.2 102.2

85 53.5 49.9 74.9

99 68.9 48.9 73.3





#60

Dibromochloromethane

Concen: 0.717 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

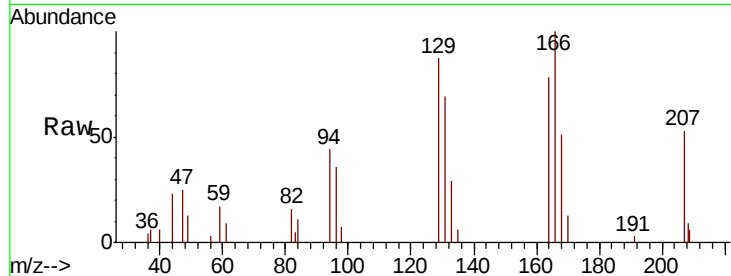
RE-120D2-20181002

Tot Ion:129 Resp: 1765

Ion Ratio Lower Upper

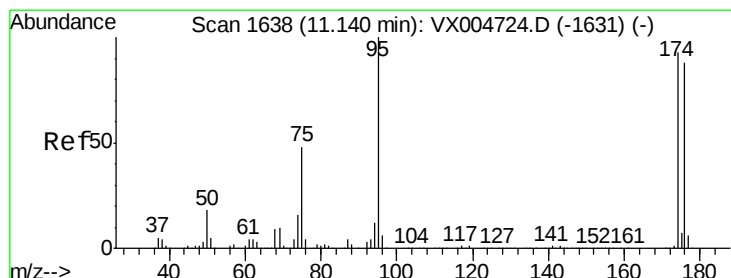
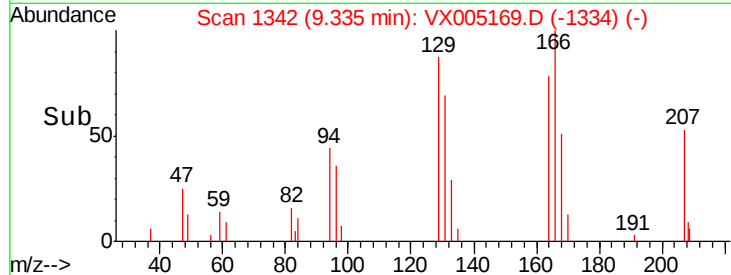
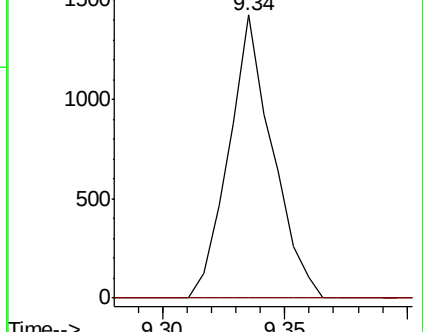
129 100

127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 50.348 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

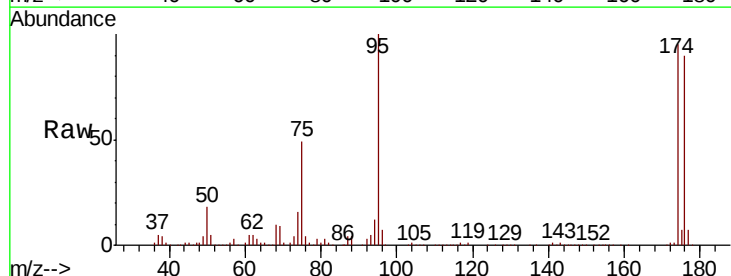
Tgt Ion: 95 Resp: 144343

Ion Ratio Lower Upper

95 100

174 94.3 0.0 185.0

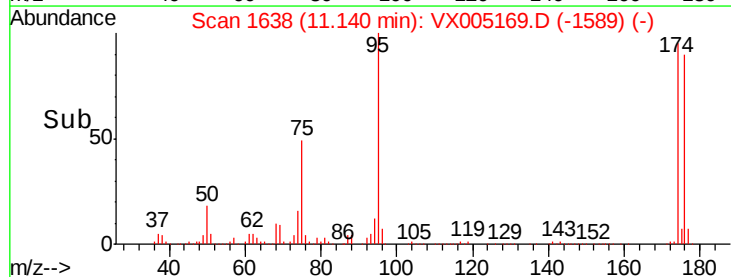
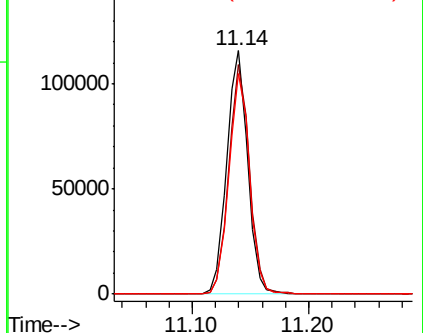
176 90.4 0.0 180.2

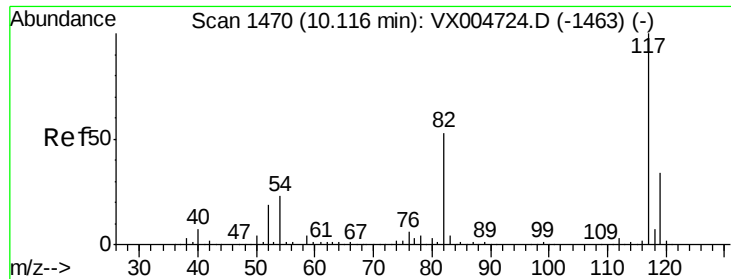


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

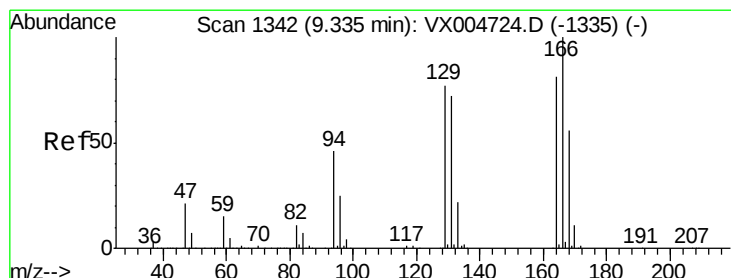
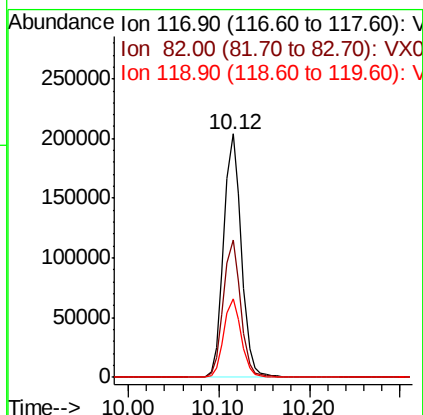
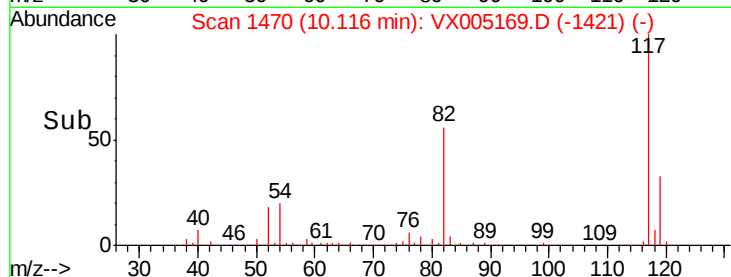
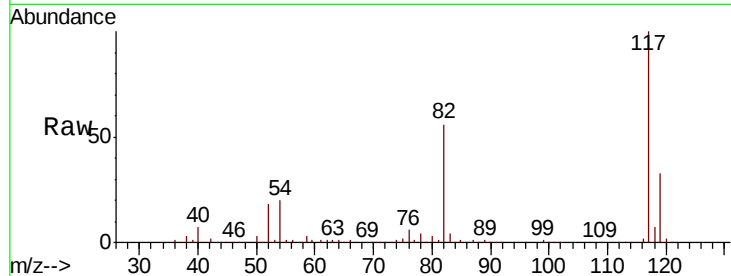




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005169.D
Acq: 09 Oct 2018 19:49

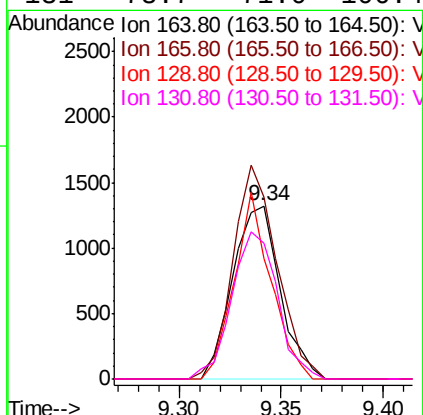
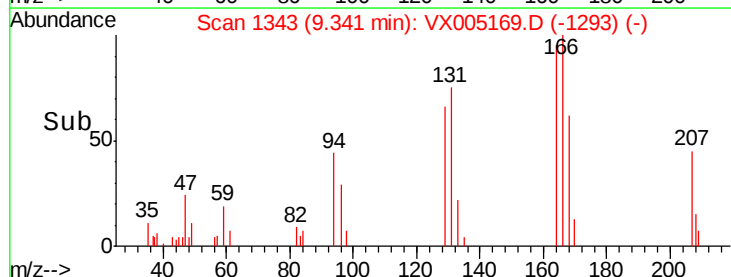
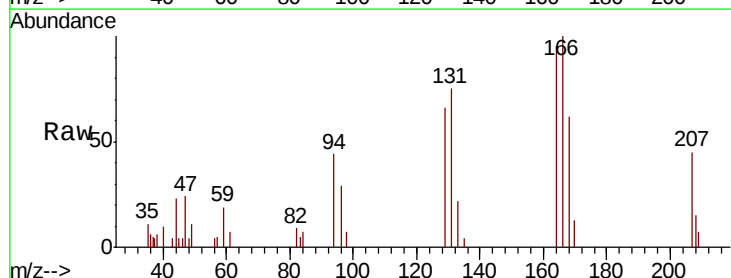
Instrument :
MSVOA_X
ClientSampleId :
RE-120D2-20181002

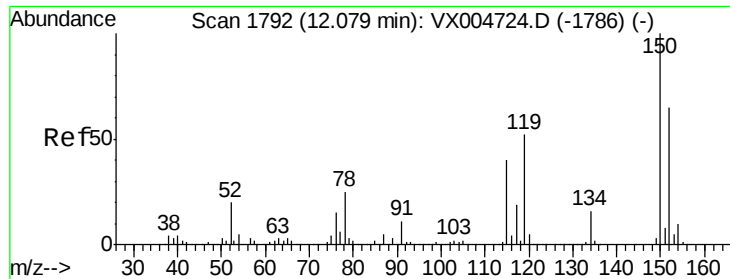
Tot Ion:117 Resp: 279151
Ion Ratio Lower Upper
117 100
82 56.4 42.2 63.4
119 32.5 27.4 41.0



#64
Tetrachloroethene
Concen: 0.776 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX005169.D
Acq: 09 Oct 2018 19:49

Tgt Ion:164 Resp: 2131
Ion Ratio Lower Upper
164 100
166 105.5 98.4 147.6
129 69.8 76.1 114.1#
131 78.7 71.0 106.4



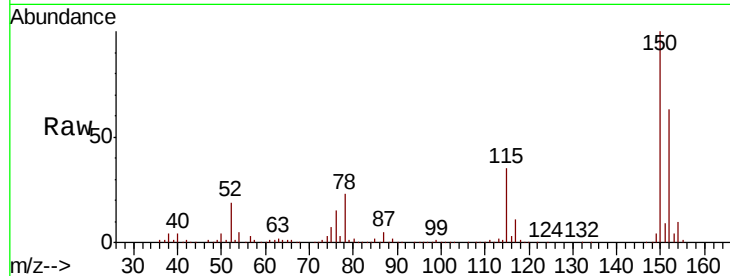


#72

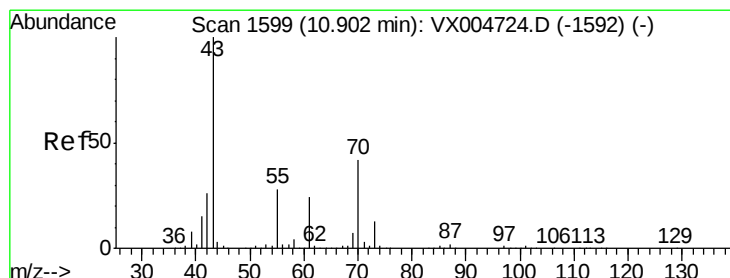
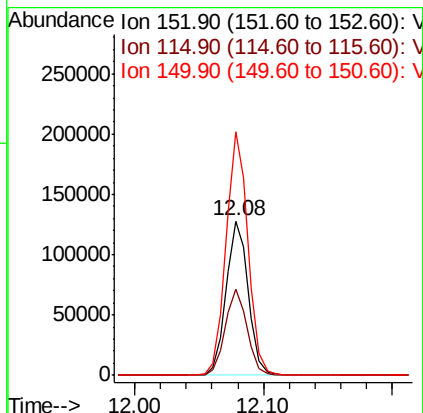
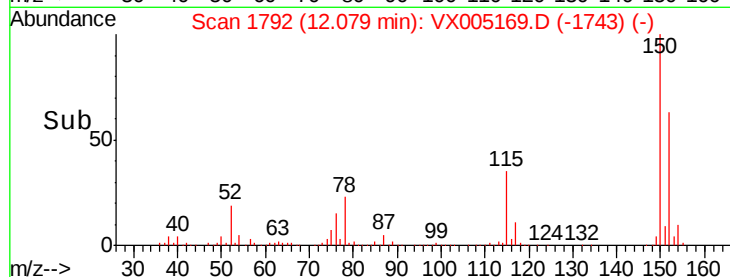
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005169.D
Acq: 09 Oct 2018 19:49

Instrument :
MSVOA_X
ClientSampleId :
RE-120D2-20181002

Tot Ion:152 Resp: 154571
Ion Ratio Lower Upper
152 100
115 55.2 40.2 120.6
150 156.2 0.0 351.0



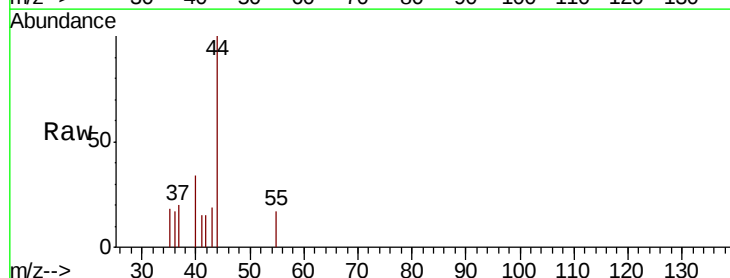
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



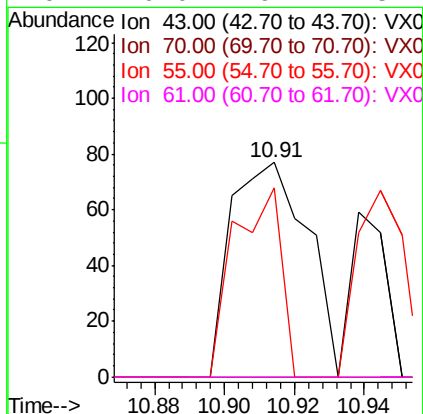
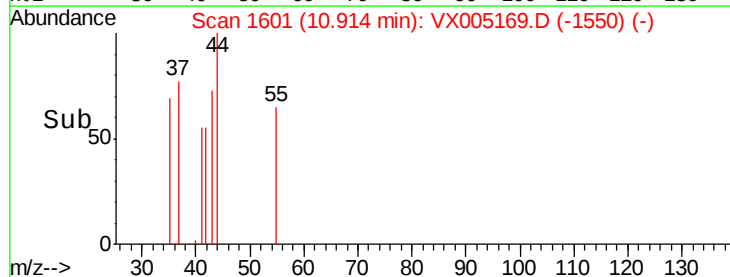
#74

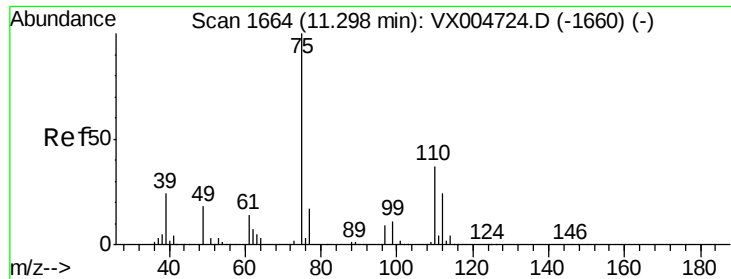
N-ethyl acetate
Concen: 1.769 ug/l
RT: 10.91 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VX005169.D
Acq: 09 Oct 2018 19:49

Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
70 0.0 32.6 48.8#
55 54.7 21.6 32.4#
61 0.0 19.1 28.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 20.795 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

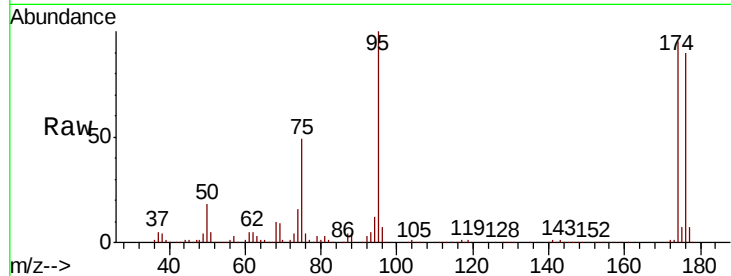
RE-120D2-20181002

Tot Ion: 75 Resp: 72043

Ion Ratio Lower Upper

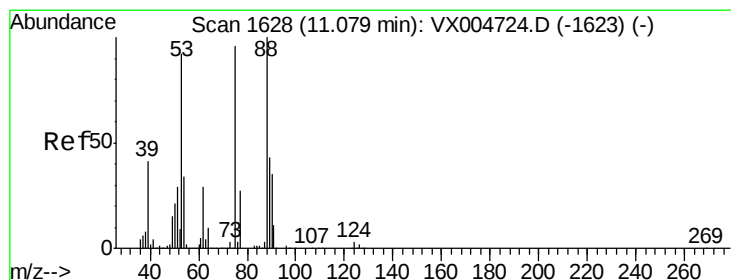
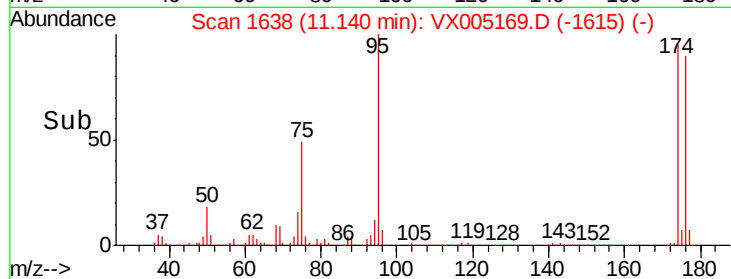
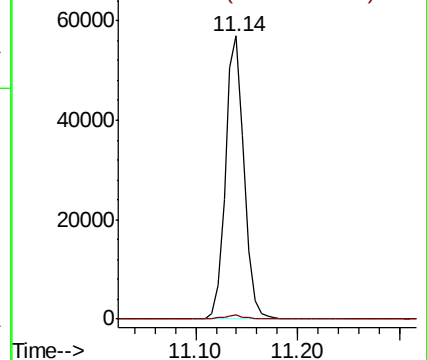
75 100

77 1.4 21.4 64.3#



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: 56.448 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

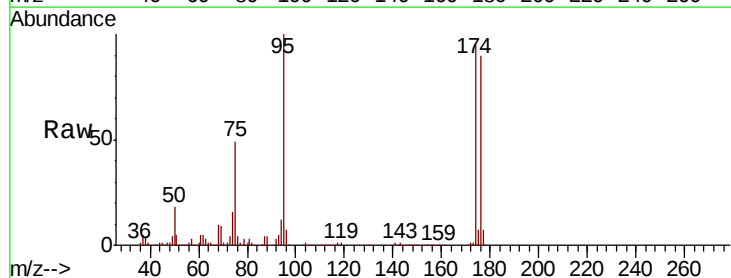
Tgt Ion: 75 Resp: 72043

Ion Ratio Lower Upper

75 100

53 0.3 80.2 120.4#

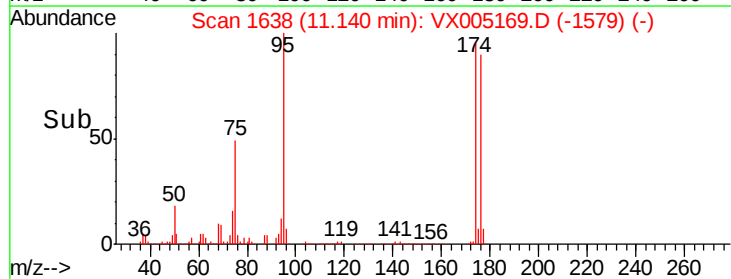
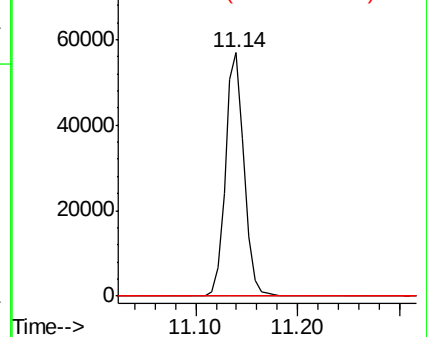
89 0.0 37.1 55.7#

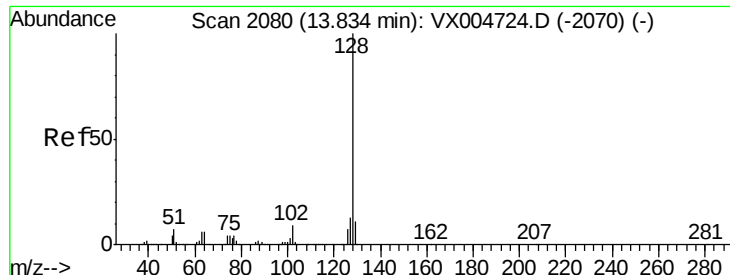


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#95

Naphthalene

Concen: 0.749 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005169.D

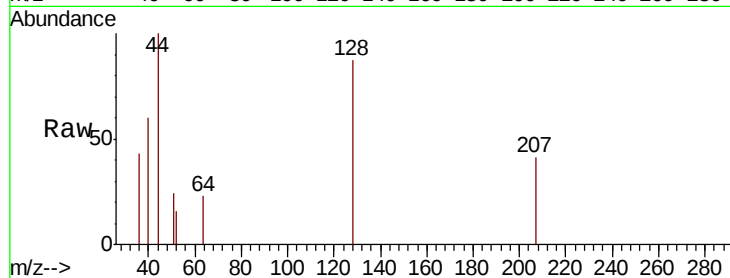
Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

RE-120D2-20181002



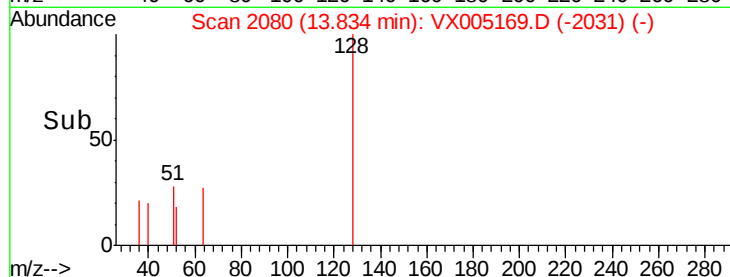
Tot Ion:128 Resp: 383

Ion Ratio Lower Upper

128 100

127 5.0 10.4 15.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

