

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004874.D
 Acq On : 01 Oct 2018 16:48
 Operator : JC/MD
 Sample : J5135-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-3337

Quant Time: Oct 02 02:40:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	204258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192524	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	166745	57.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.30%	
35) Dibromofluoromethane	5.50	113	140157	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	8.72	98	499768	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.14	95	182443	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	1015	0.300	ug/l	91
5) Bromomethane	1.65	94	629	0.335	ug/l #	59
6) Chloroethane	1.73	64	85870	49.707	ug/l	96
11) Tert butyl alcohol	3.01	59	5158	6.322	ug/l #	80
12) 1,1-Dichloroethene	2.37	96	23525	10.629	ug/l	96
14) Allyl chloride	2.62	41	6615	1.370	ug/l #	63
16) Acetone	2.45	43	7077	4.154	ug/l	98
20) Methylene Chloride	2.86	84	1092	Below Cal	#	83
24) 1,1-Dichloroethane	3.70	63	764586	157.626	ug/l	99
25) 2-Butanone	4.70	43	947	0.377	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	1001	0.370	ug/l	76
29) Tetrahydrofuran	5.19	42	456	0.292	ug/l #	31
31) Cyclohexane	5.58	56	1095	0.295	ug/l #	68
32) 1,1,1-Trichloroethane	5.49	97	1344	0.359	ug/l #	48
36) 1,1-Dichloropropene	5.67	75	14385	3.633	ug/l #	50
38) Carbon Tetrachloride	5.66	117	18433	4.428	ug/l #	16
40) Benzene	6.14	78	15272	1.232	ug/l	97
55) 1,1,2-Trichloroethane	9.17	97	1426	0.478	ug/l #	19
56) Ethyl methacrylate	9.16	69	379	2.936	ug/l #	1
65) Chlorobenzene	10.14	112	3203	0.368	ug/l	93
70) Styrene	10.71	104	51	2.146	ug/l #	27
73) Isopropylbenzene	11.02	105	18400	1.516	ug/l	98
74) N-ethyl acetate	10.94	43	1240	1.927	ug/l #	66
76) 1,2,3-Trichloropropane	11.14	75	91210	21.137	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.67	105	491	Below Cal		79
81) trans-1,4-Dichloro-2-buten	11.14	75	91210	57.345	ug/l #	10
83) tert-Butylbenzene	11.77	119	8491	0.850	ug/l	85
84) 1,2,4-Trimethylbenzene	11.94	105	38731	3.192	ug/l #	30
85) sec-Butylbenzene	11.94	105	38731	3.183	ug/l	85
86) p-Isopropyltoluene	12.23	119	3261	0.296	ug/l	91
87) 1,3-Dichlorobenzene	12.02	146	4265	0.648	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	17130	2.521	ug/l	89
89) n-Butylbenzene	12.39	91	2050	0.205	ug/l #	74
90) Hexachloroethane	12.76	117	19208	10.463	ug/l #	3

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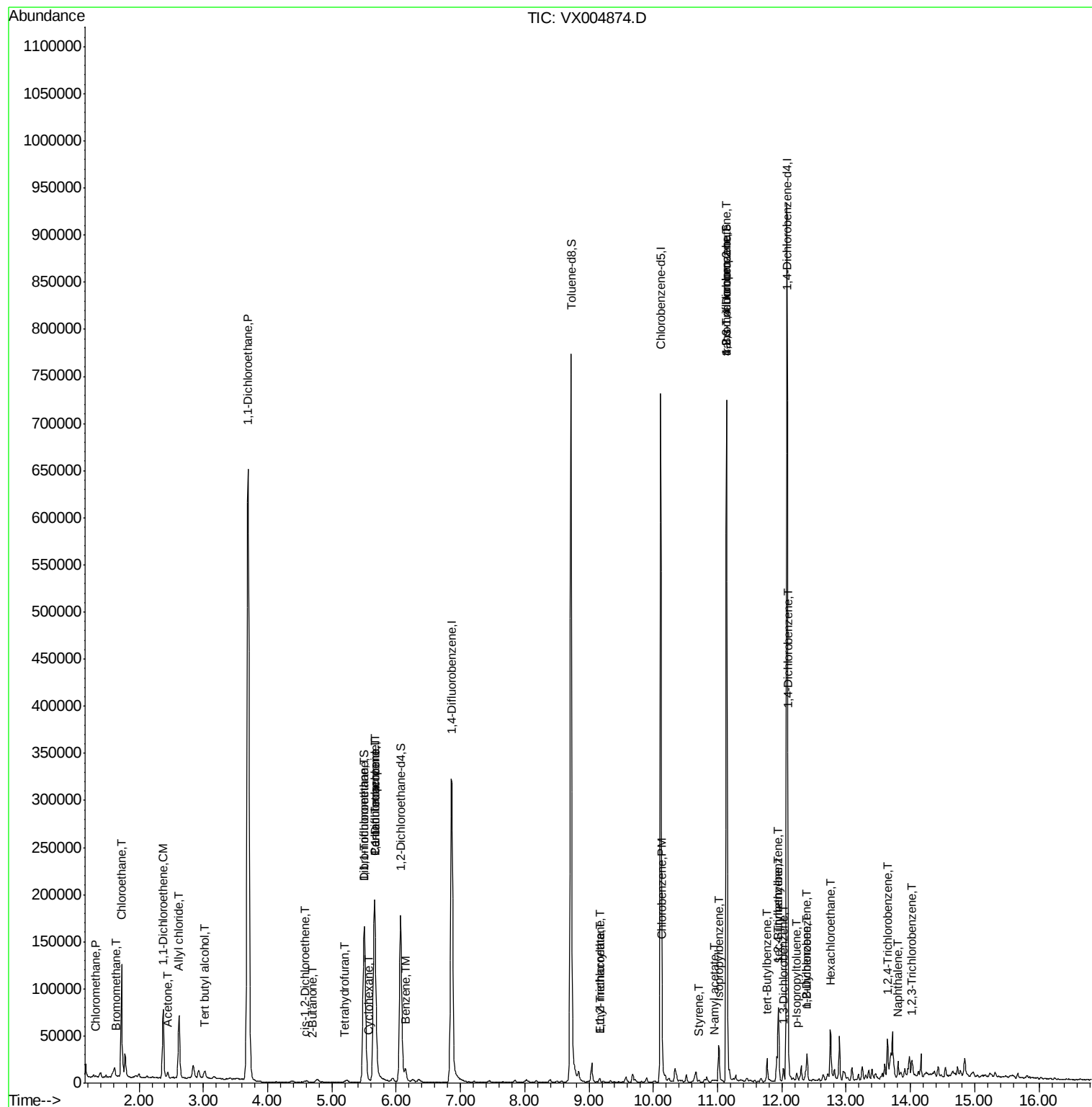
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.40	146	8180	1.189	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	8440	1.749	ug/l #	92
95) Naphthalene	13.80	128	1231	0.795	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.02	180	2717	0.545	ug/l #	48

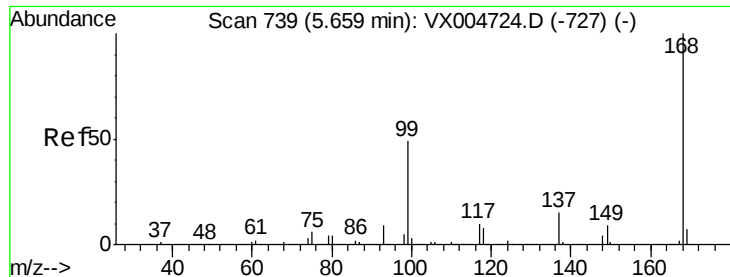
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

ClientSampleId :

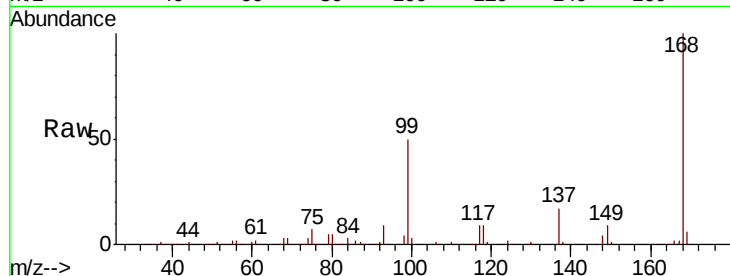
SA-TW509-3337

Tot Ion:168 Resp: 204258

Ion Ratio Lower Upper

168 100

99 50.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

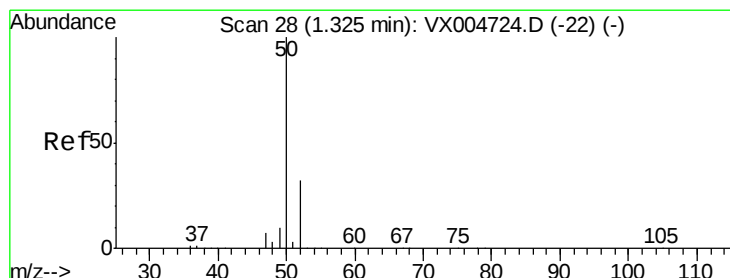
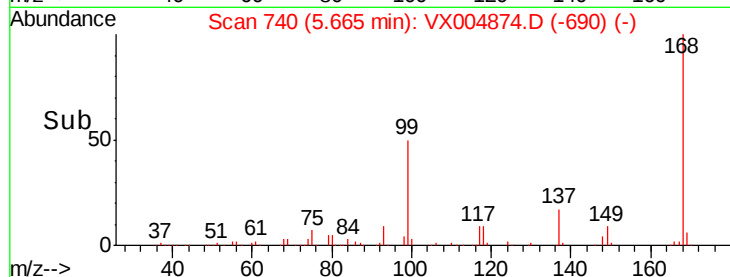
40000

20000

0

5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.300 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004874.D

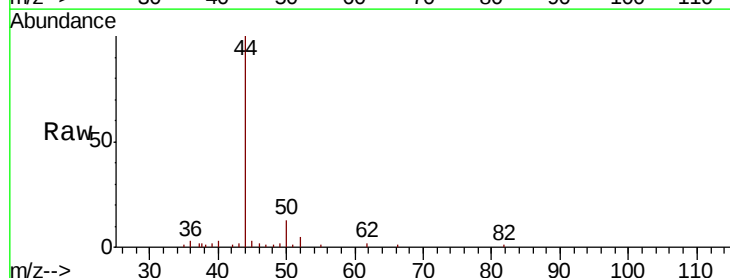
Acq: 01 Oct 2018 16:48

Tgt Ion: 50 Resp: 1015

Ion Ratio Lower Upper

50 100

52 37.9 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

600

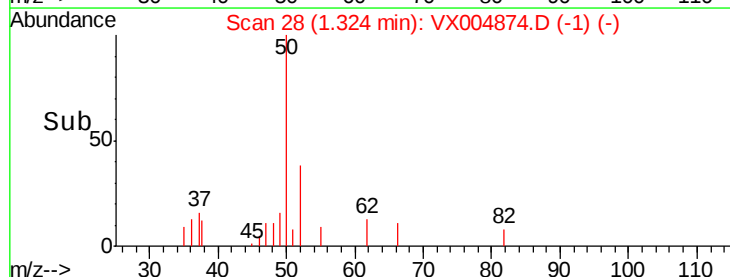
400

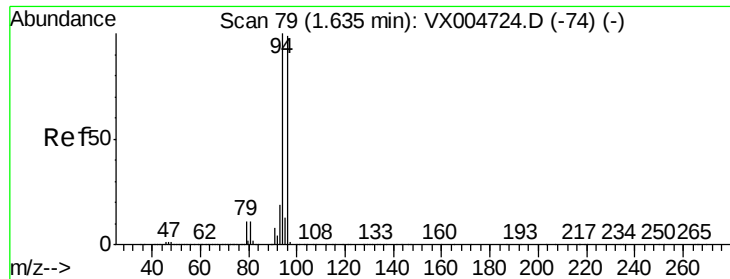
200

0

1.25 1.30 1.35 1.40

Time-->





#5

Bromomethane

Concen: 0.335 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

ClientSampleId :

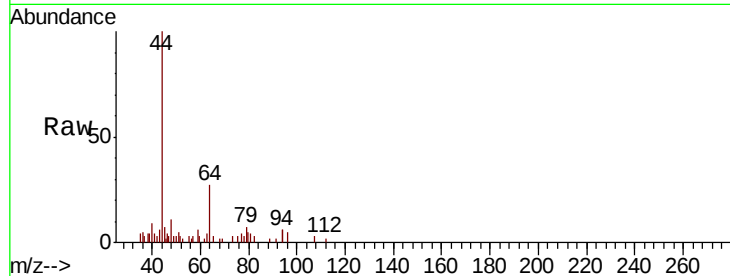
SA-TW509-3337

Tot Ion: 94 Resp: 629

Ion Ratio Lower Upper

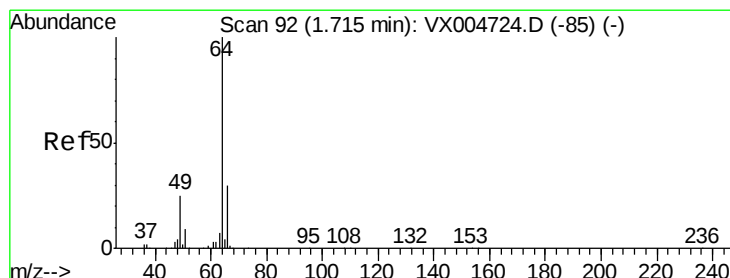
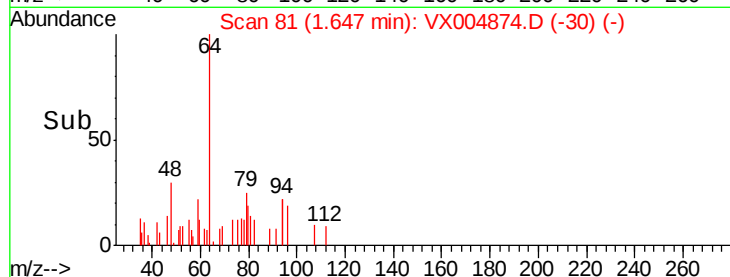
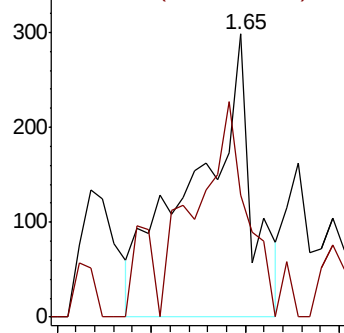
94 100

96 54.2 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.707 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX004874.D

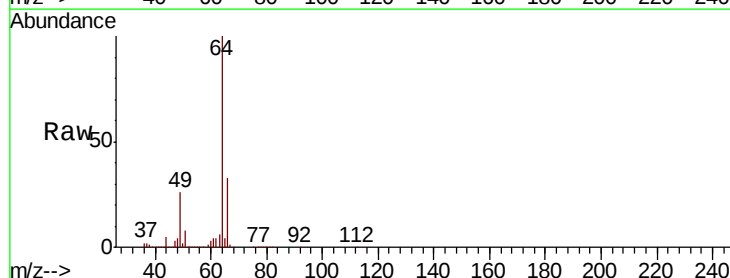
Acq: 01 Oct 2018 16:48

Tgt Ion: 64 Resp: 85870

Ion Ratio Lower Upper

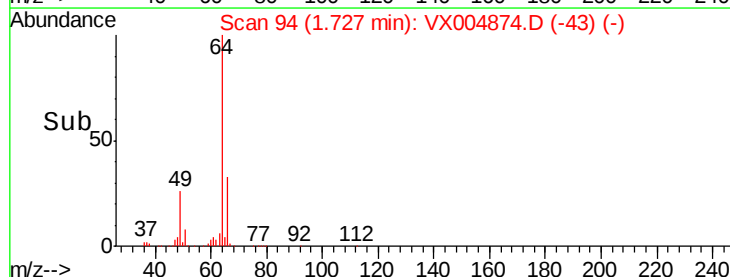
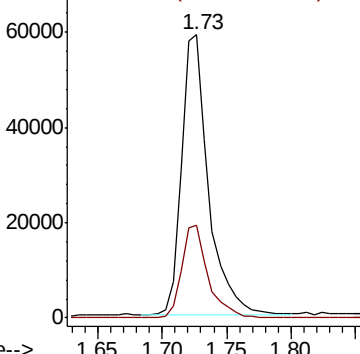
64 100

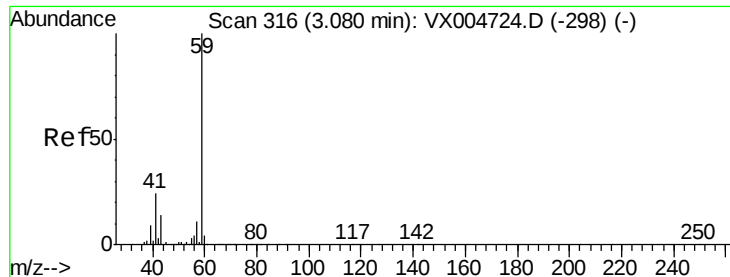
66 32.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

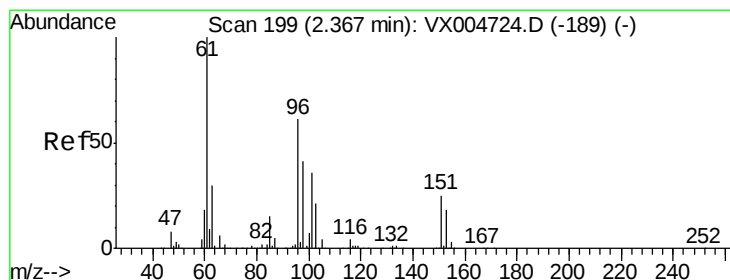
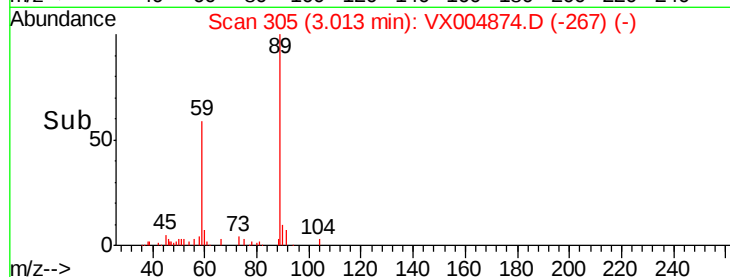
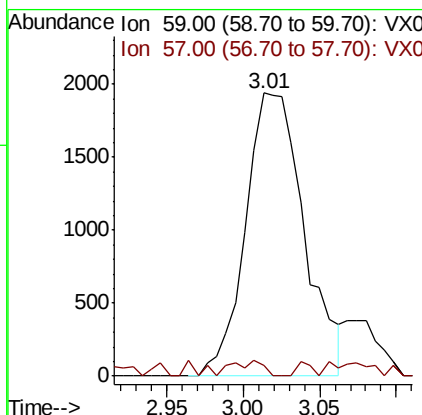
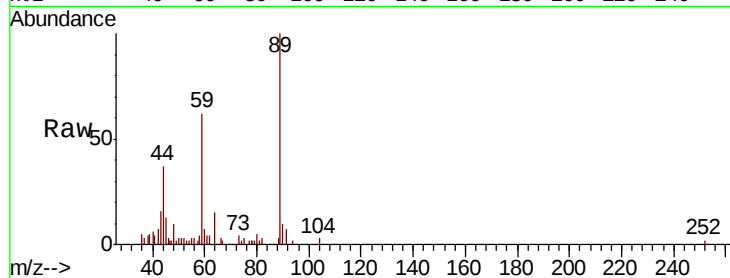




#11
Tert butyl alcohol
Concen: 6.322 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.07 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

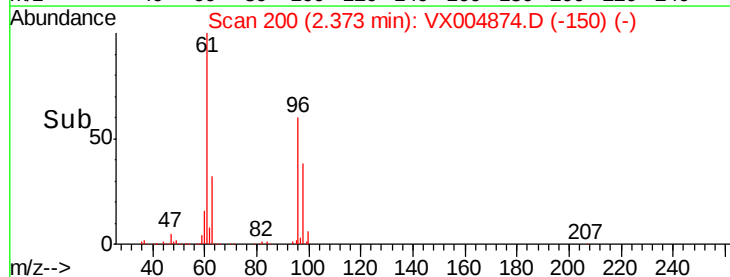
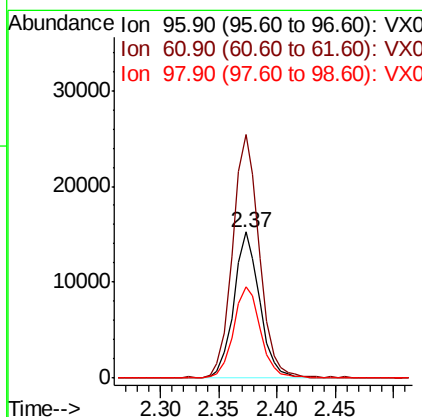
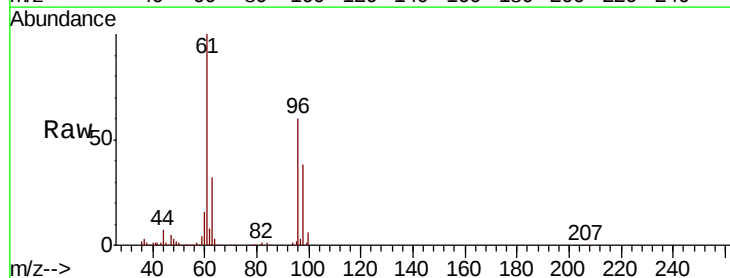
Instrument :
MSVOA_X
ClientSampleId :
SA-TW509-3337

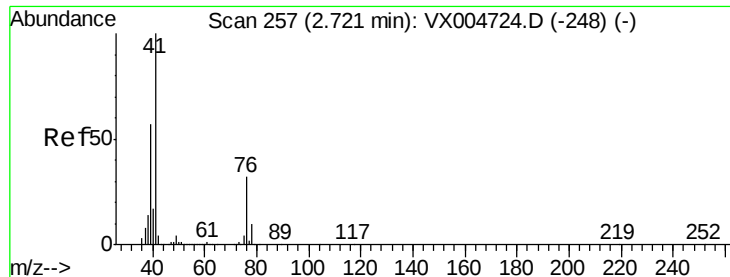
Tot Ion: 59 Resp: 5158
Ion Ratio Lower Upper
59 100
57 2.8 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 10.629 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

Tgt Ion: 96 Resp: 23525
Ion Ratio Lower Upper
96 100
61 166.0 128.8 193.2
98 62.6 52.2 78.2





#14

Allvl chloride

Concen: 1.370 ug/l

RT: 2.62 min Scan# 241

Delta R.T. -0.10 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

ClientSampleId :

SA-TW509-3337

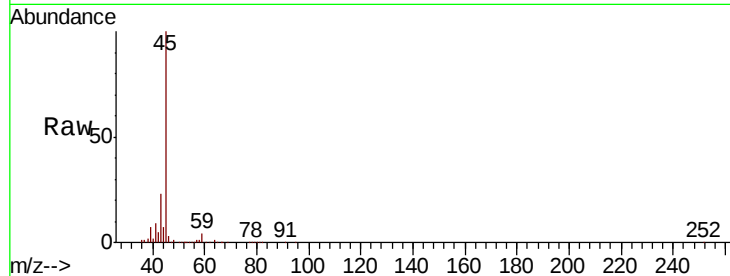
Tot Ion: 41 Resp: 6615

Ion Ratio Lower Upper

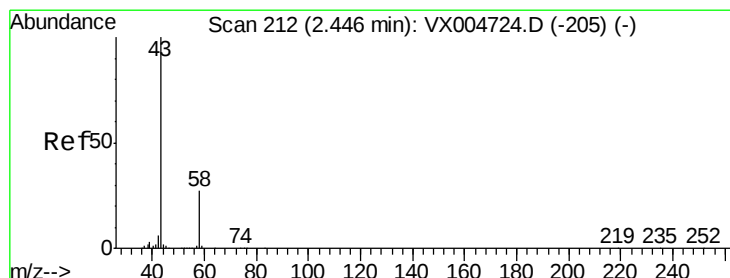
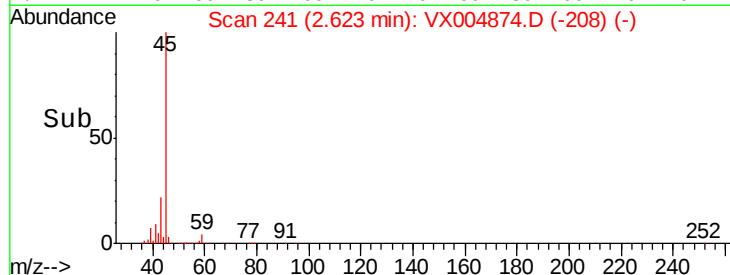
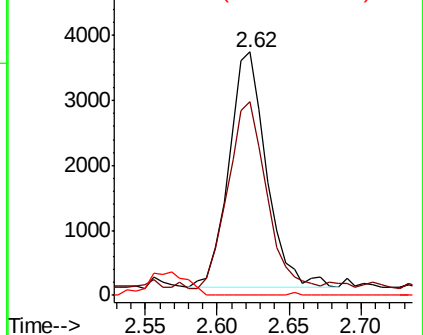
41 100

39 80.2 48.9 73.3#

76 0.0 26.7 40.1#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#16

Acetone

Concen: 4.154 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004874.D

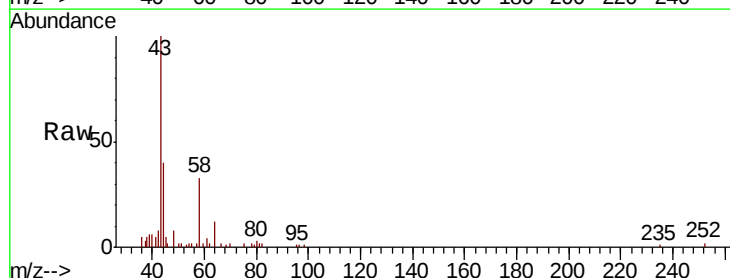
Acq: 01 Oct 2018 16:48

Tgt Ion: 43 Resp: 7077

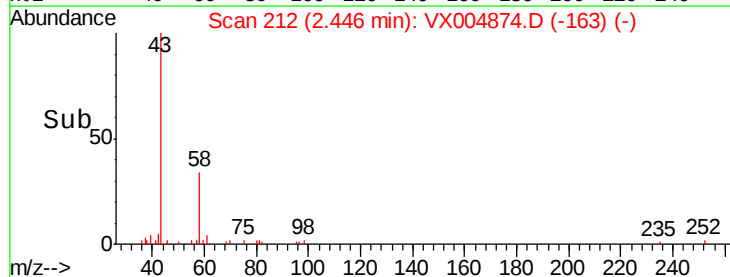
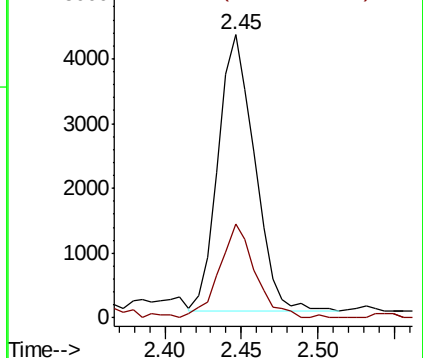
Ion Ratio Lower Upper

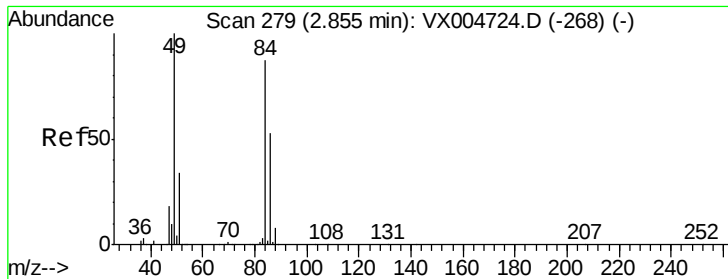
43 100

58 33.8 26.2 39.4



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

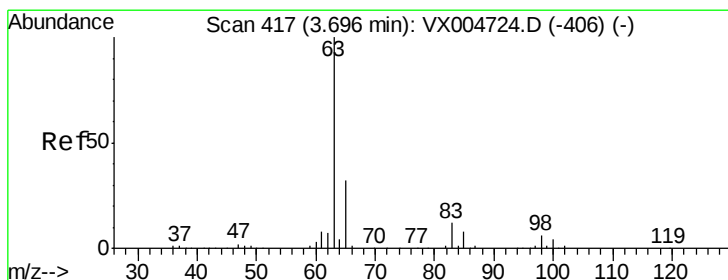
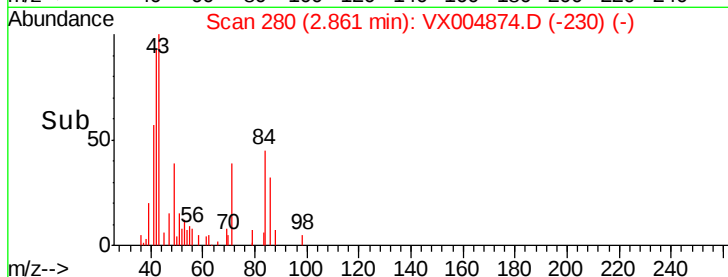
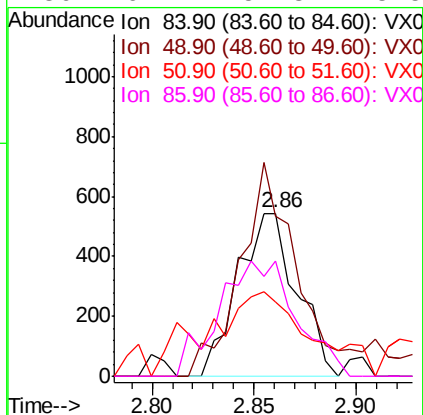
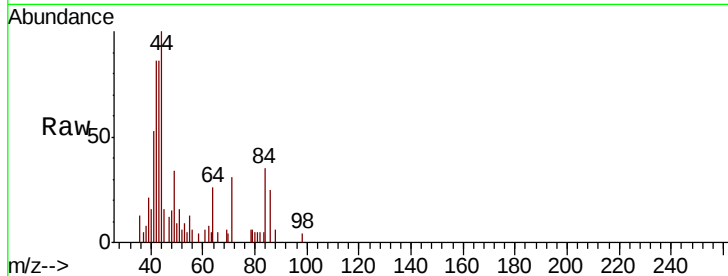




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

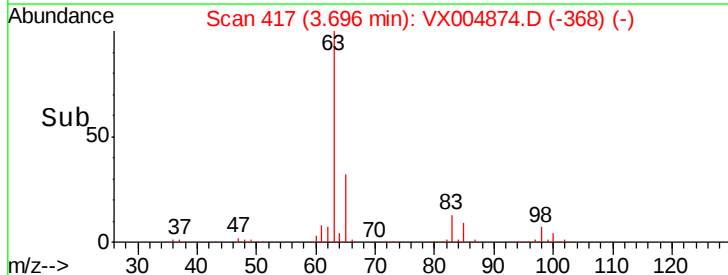
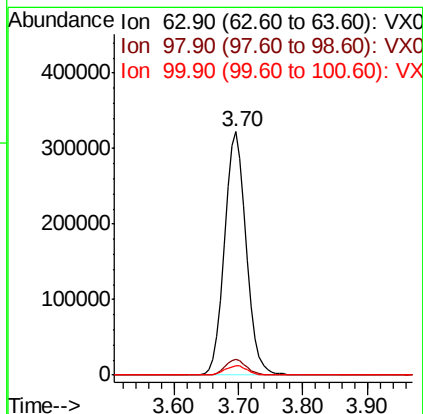
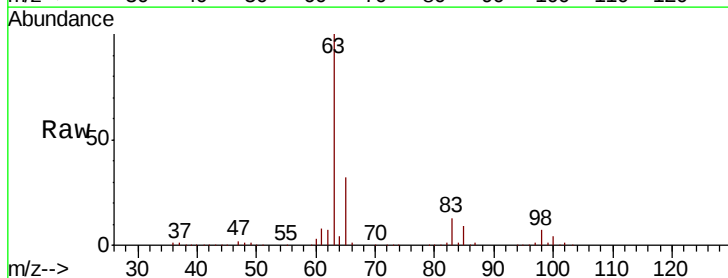
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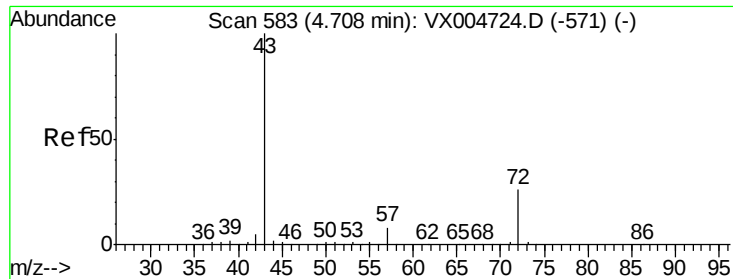
Tot Ion: 84 Resp: 1092
Ion Ratio Lower Upper
84 100
49 98.0 101.2 151.8#
51 30.3 29.5 44.3
86 61.1 52.3 78.5



#24
1,1-Dichloroethane
Concen: 157.626 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

Tgt Ion: 63 Resp: 764586
Ion Ratio Lower Upper
63 100
98 6.5 3.5 10.4
100 4.1 2.4 7.1





#25

2-Butanone

Concen: 0.377 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

ClientSampleId :

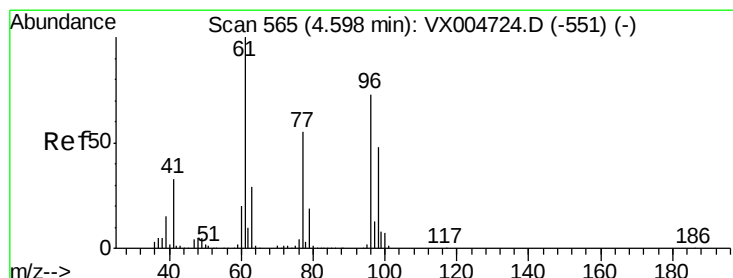
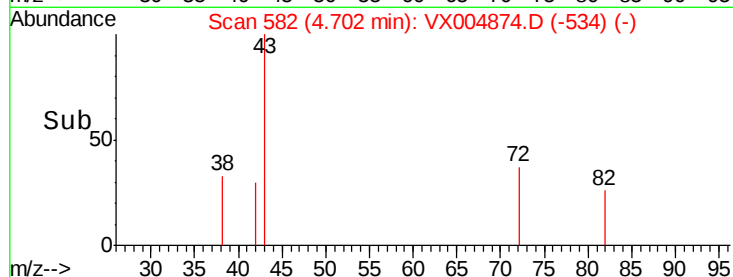
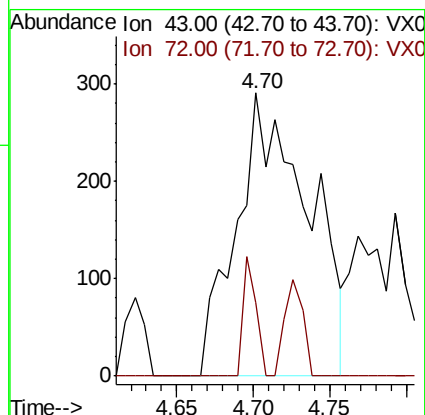
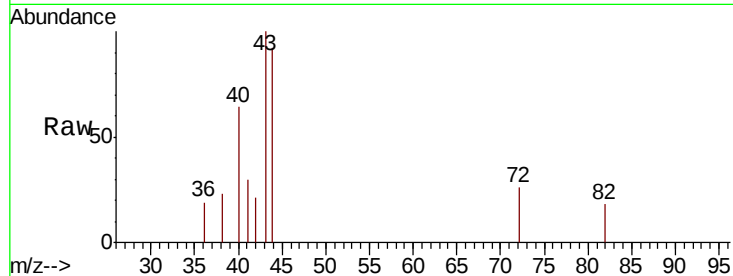
SA-TW509-3337

Tot Ion: 43 Resp: 947

Ion Ratio Lower Upper

43 100

72 25.8 22.0 33.0



#27

cis-1,2-Dichloroethene

Concen: 0.370 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

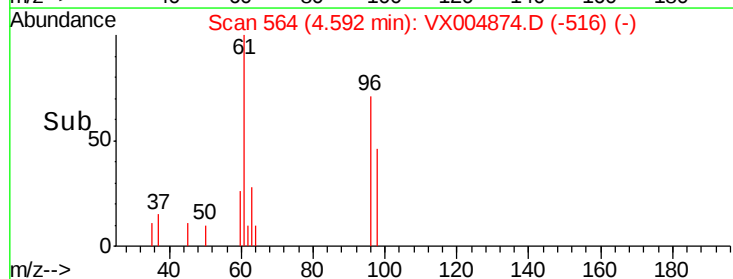
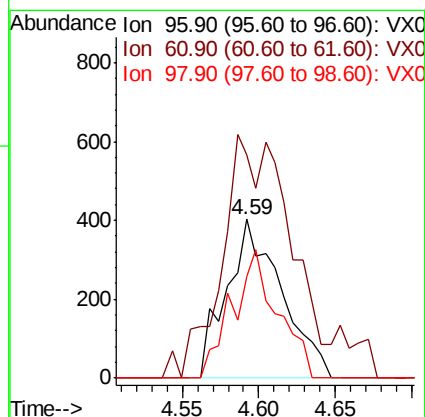
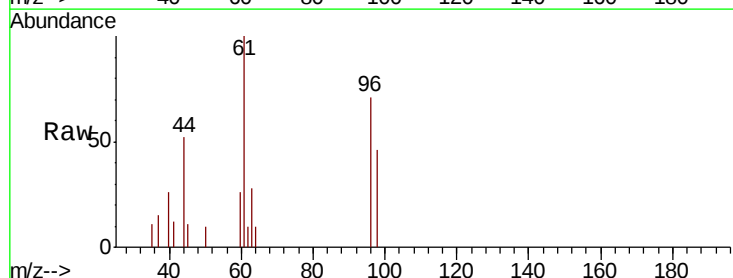
Tgt Ion: 96 Resp: 1001

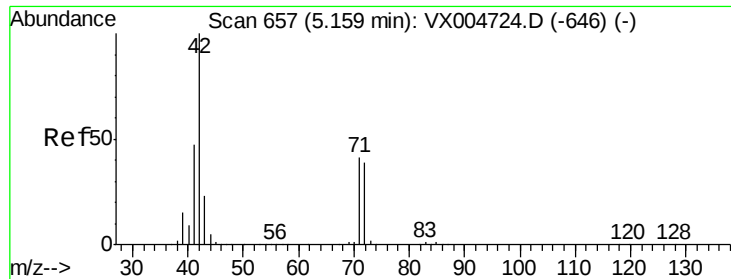
Ion Ratio Lower Upper

96 100

61 98.9 0.0 282.6

98 66.5 0.0 130.2





#29

Tetrahydrofuran

Concen: 0.292 ug/l

RT: 5.19 min Scan# 662

Delta R.T. 0.03 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

ClientSampleId :

SA-TW509-3337

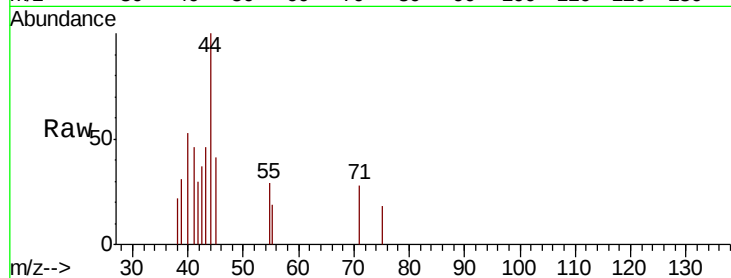
Tot Ion: 42 Resp: 456

Ion Ratio Lower Upper

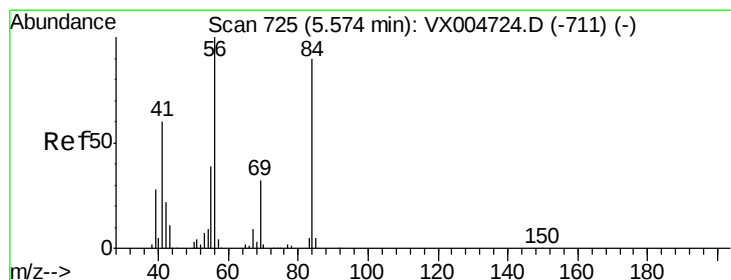
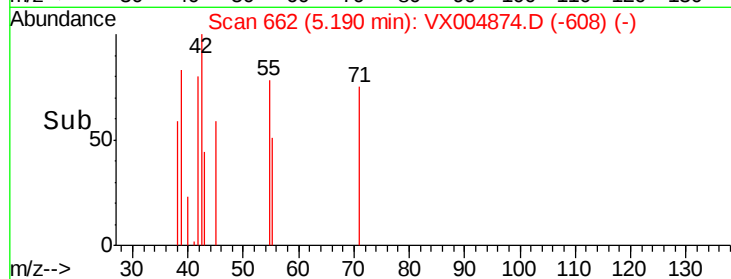
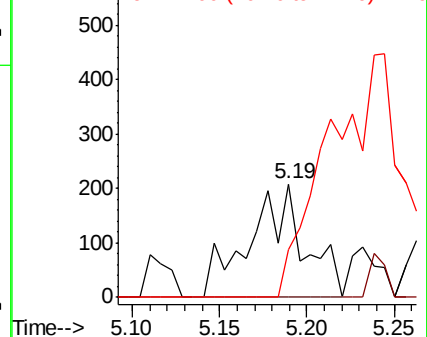
42 100

72 0.0 37.4 56.0#

71 0.0 34.5 51.7#



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



#31

Cyclohexane

Concen: 0.295 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

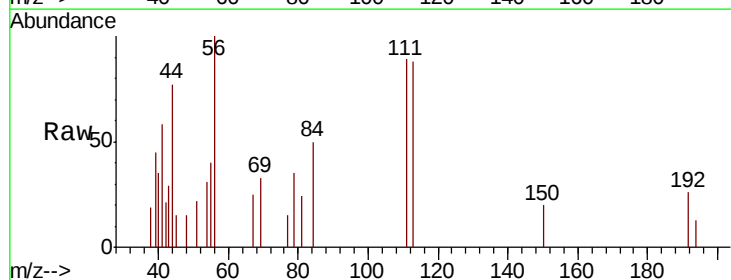
Tgt Ion: 56 Resp: 1095

Ion Ratio Lower Upper

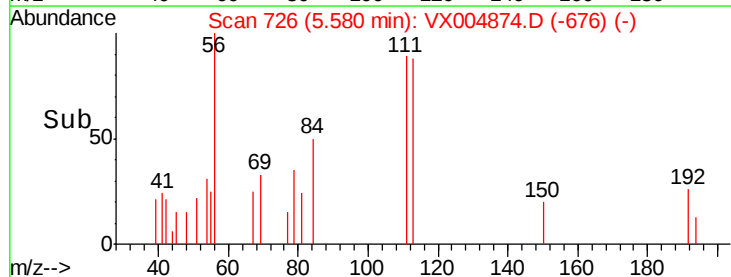
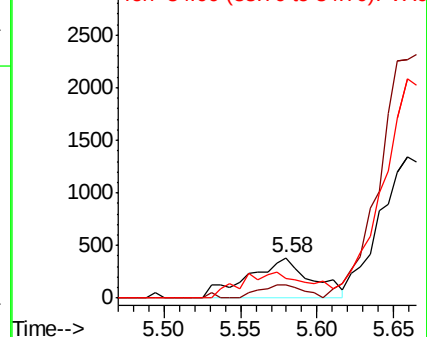
56 100

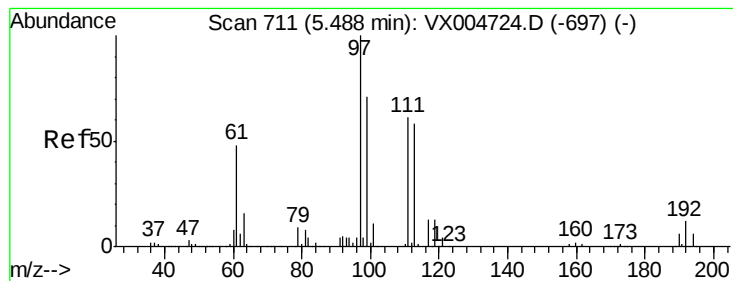
69 33.2 25.4 38.2

84 49.7 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





#32

1,1,1-Trichloroethane

Concen: 0.359 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

ClientSampleId :

SA-TW509-3337

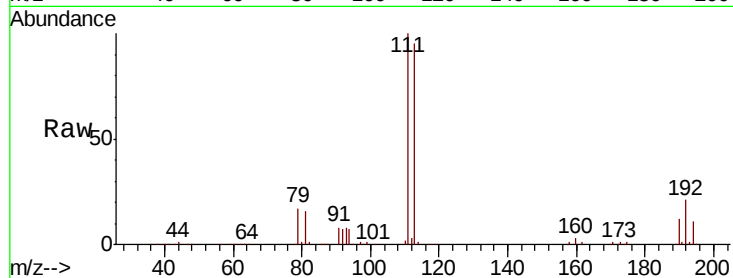
Tot Ion: 97 Resp: 1344

Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

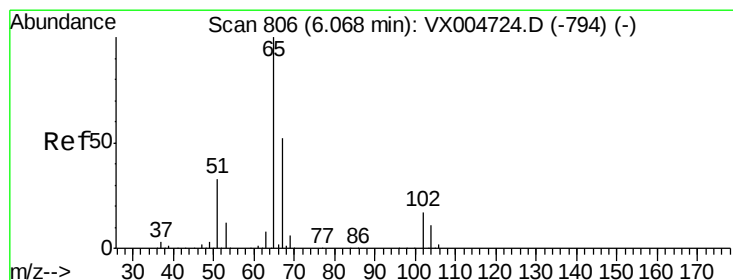
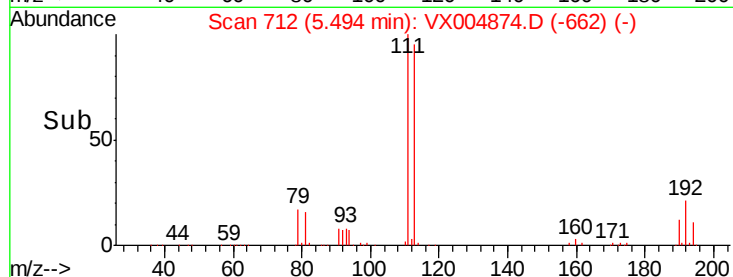
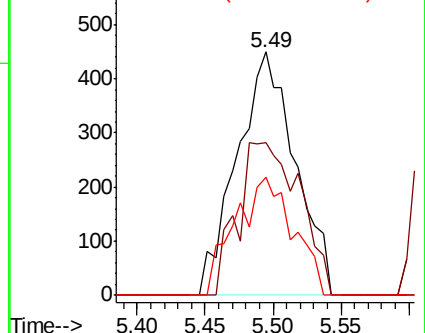
61 48.5 34.9 52.3



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: 57.147 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004874.D

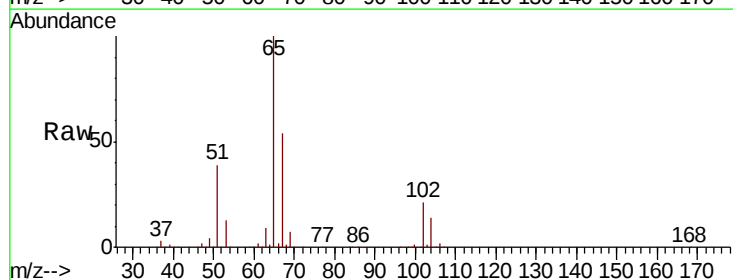
Acq: 01 Oct 2018 16:48

Tgt Ion: 65 Resp: 166745

Ion Ratio Lower Upper

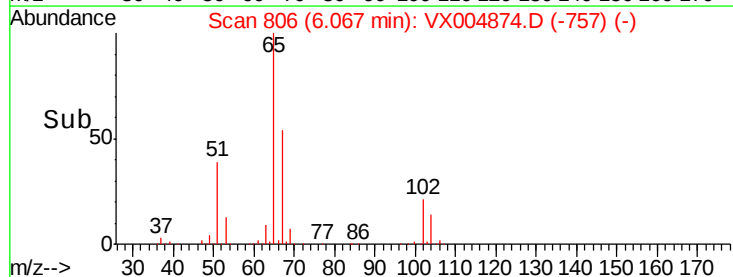
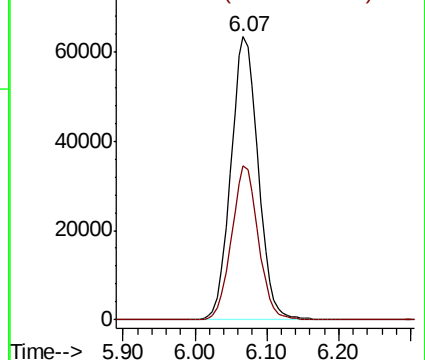
65 100

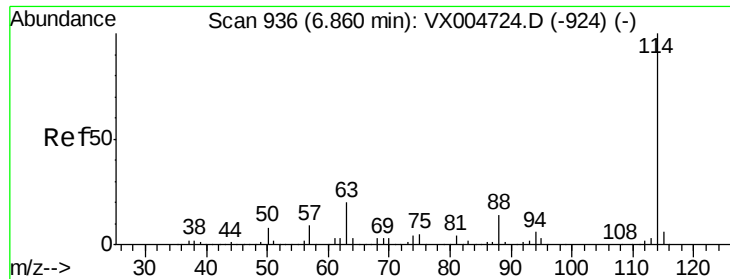
67 53.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

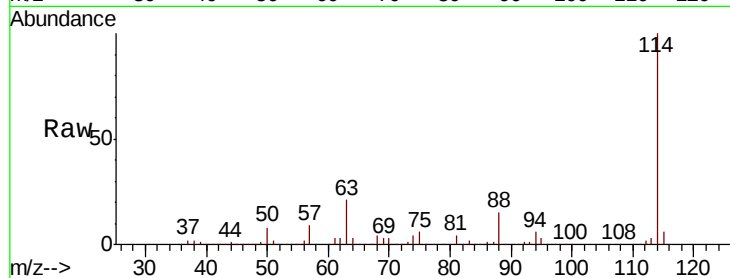




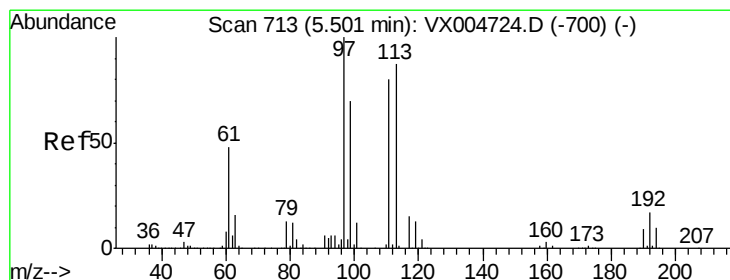
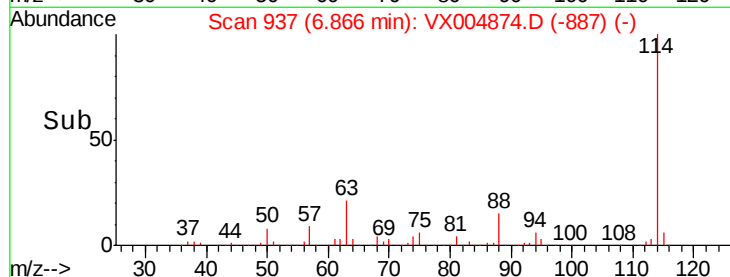
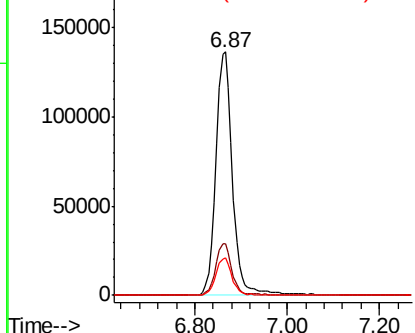
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004874.D
 Acq: 01 Oct 2018 16:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-3337

Tot Ion:114 Resp: 342460
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.0
 88 15.4 0.0 30.4

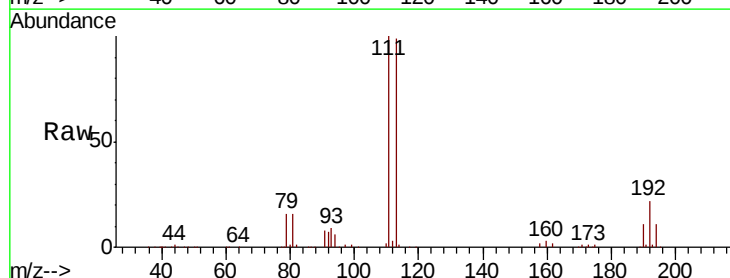


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

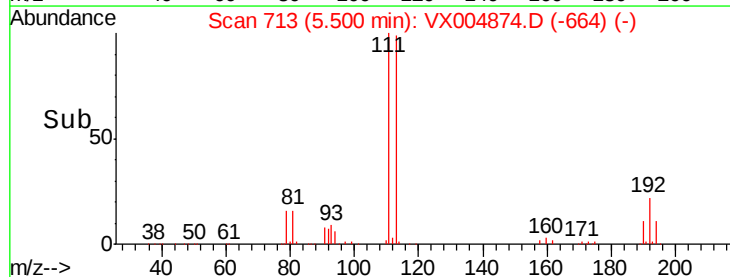
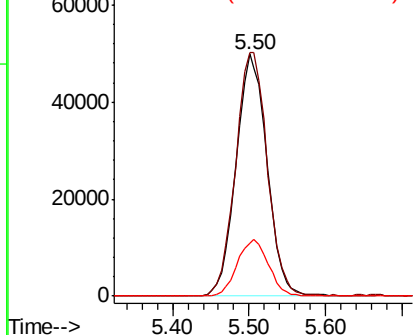


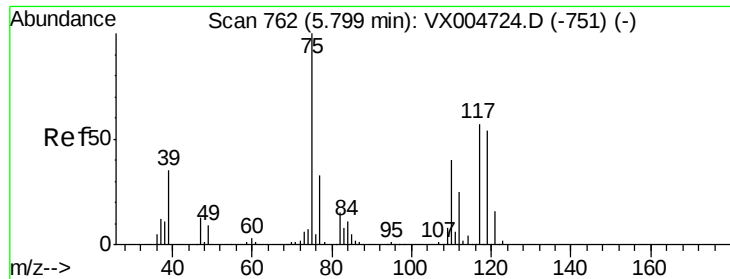
#35
 Dibromofluoromethane
 Concen: 48.290 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004874.D
 Acq: 01 Oct 2018 16:48

Tgt Ion:113 Resp: 140157
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 23.5 19.4 29.2



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

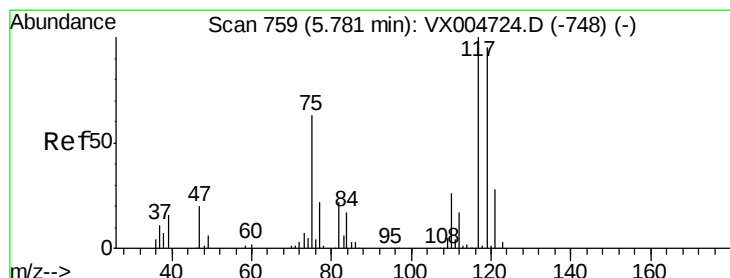
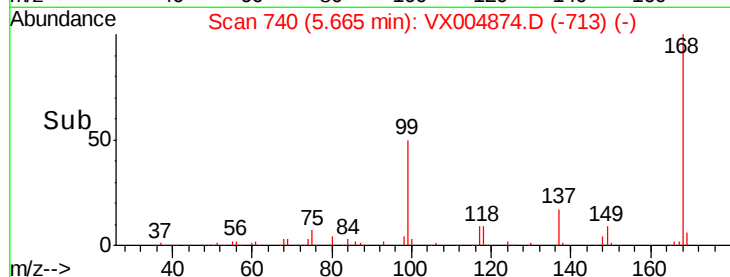
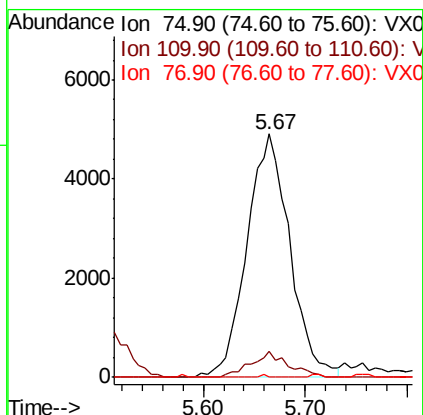
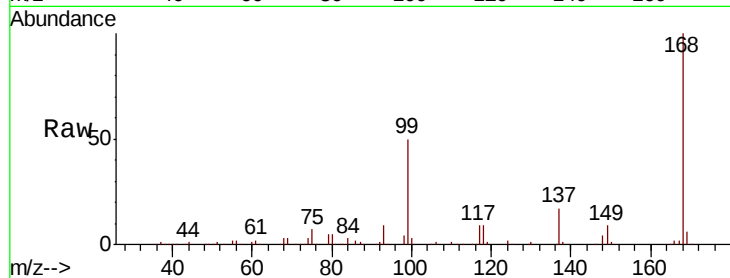




#36
 1,1-Dichloropropene
 Concen: 3.633 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX004874.D
 Acq: 01 Oct 2018 16:48

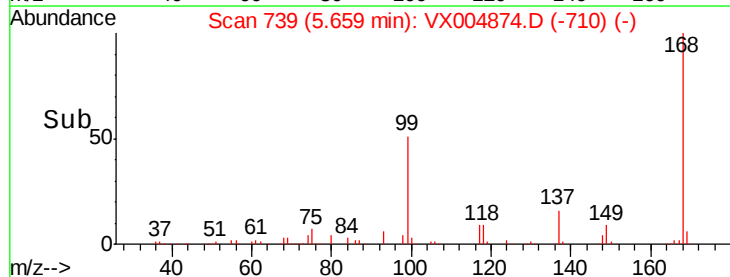
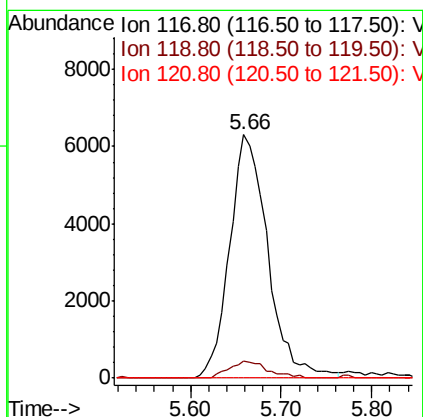
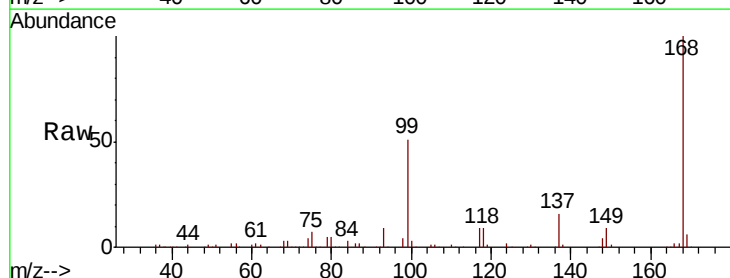
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-3337

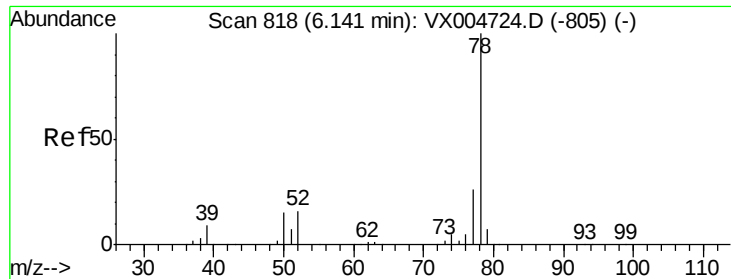
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.0	54.0#
77	0.1	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 4.428 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX004874.D
 Acq: 01 Oct 2018 16:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.2	78.8	118.2#
121	0.0	24.9	37.3#

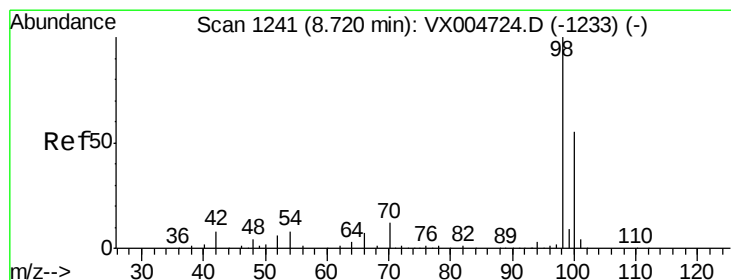
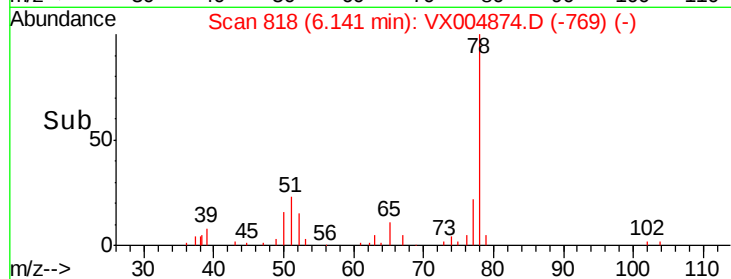
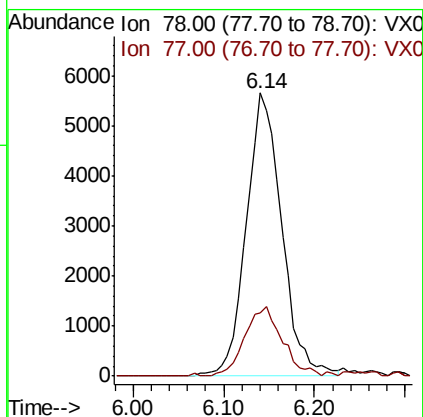
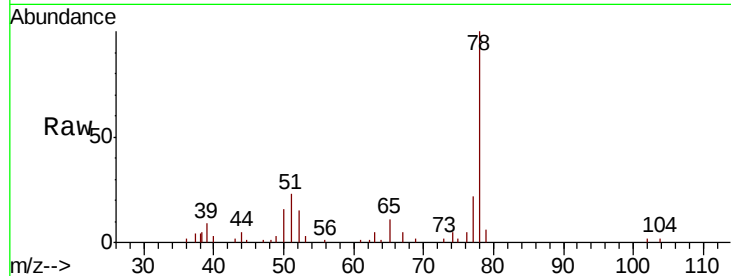




#40
Benzene
Concen: 1.232 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

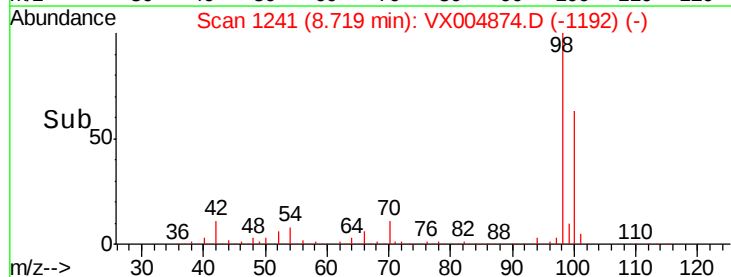
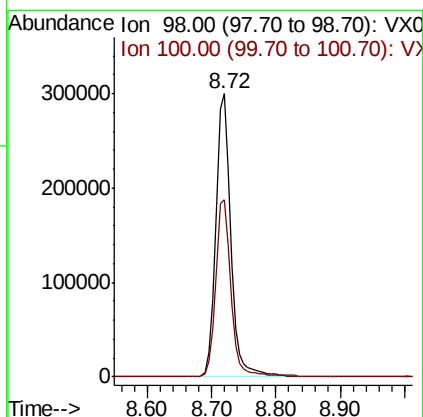
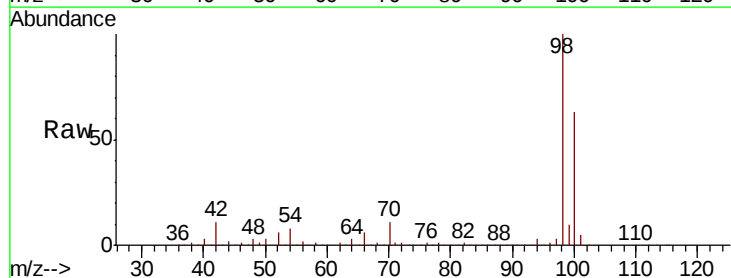
Instrument :
MSVOA_X
ClientSampleId :
SA-TW509-3337

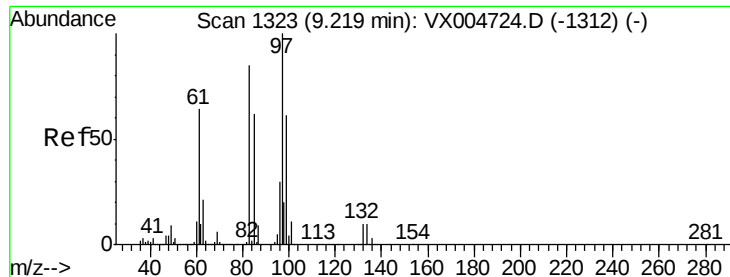
Tot Ion: 78 Resp: 15272
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.4



#50
Toluene-d8
Concen: 51.795 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

Tgt Ion: 98 Resp: 499768
Ion Ratio Lower Upper
98 100
100 63.6 52.9 79.3





#55

1,1,2-Trichloroethane

Concen: 0.478 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.05 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

ClientSampleId :

SA-TW509-3337

Tot Ion: 97 Resp: 1426

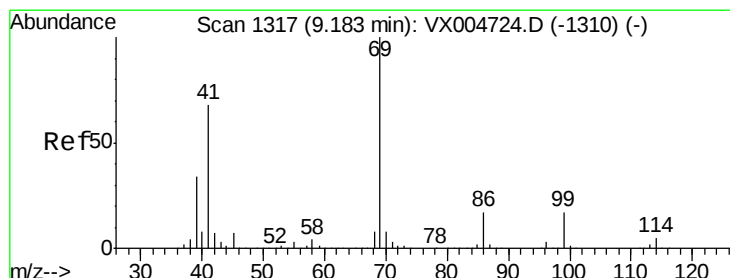
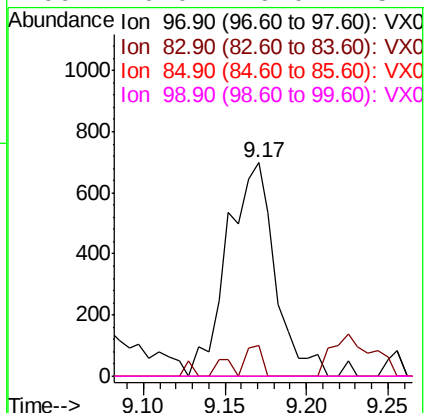
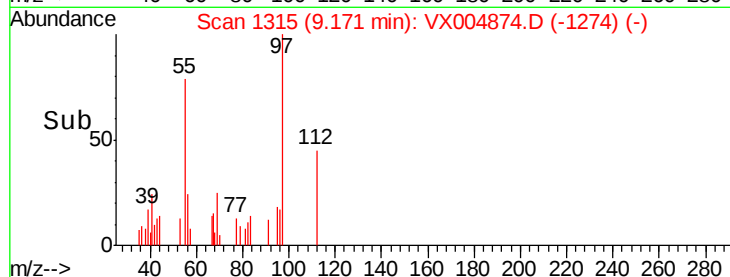
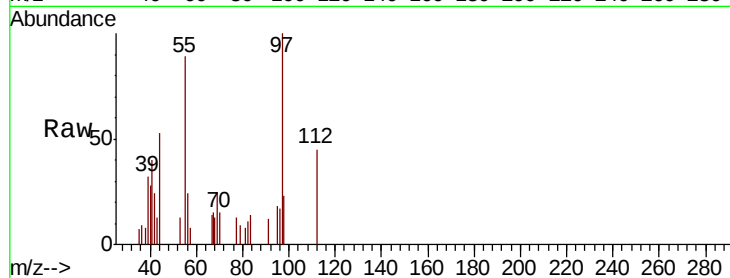
Ion Ratio Lower Upper

97 100

83 6.9 66.4 99.6#

85 0.0 43.3 64.9#

99 0.0 49.0 73.4#



#56

Ethyl methacrylate

Concen: 2.936 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

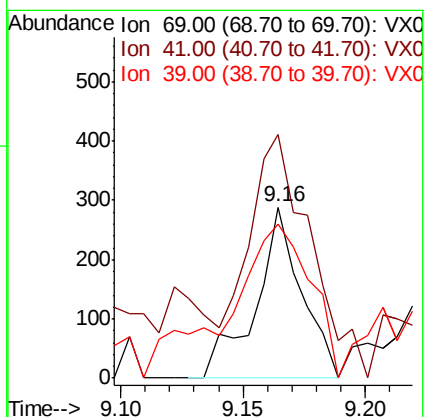
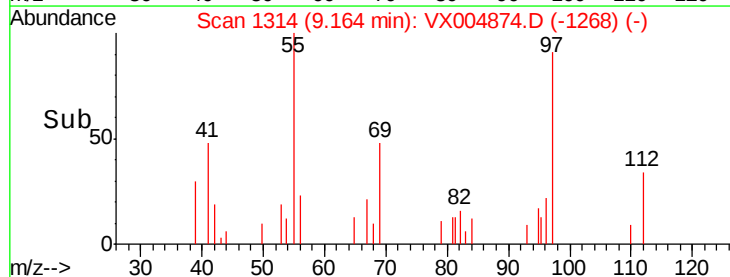
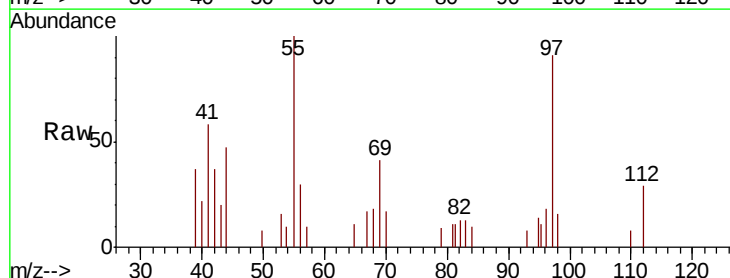
Tgt Ion: 69 Resp: 379

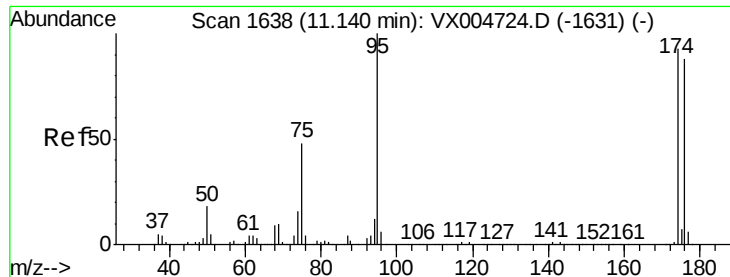
Ion Ratio Lower Upper

69 100

41 193.1 51.0 76.4#

39 162.5 26.1 39.1#

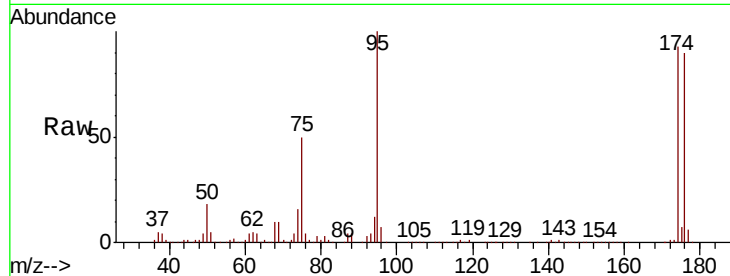




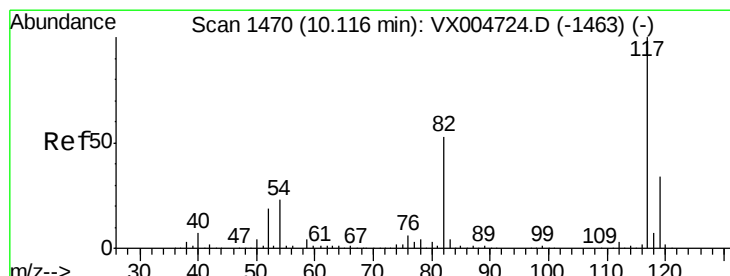
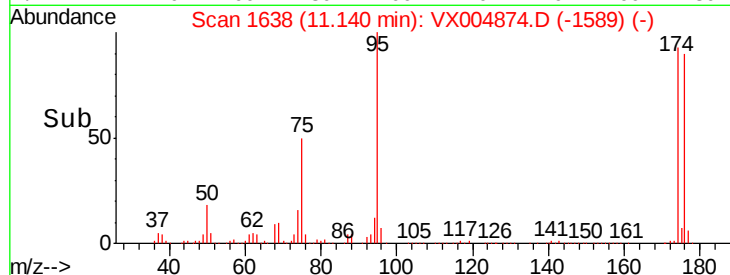
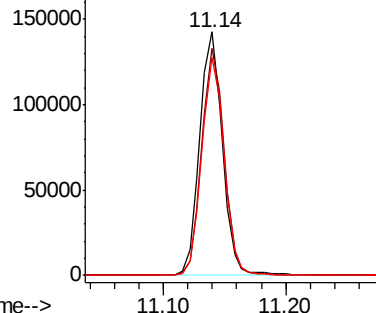
#62
4-Bromofluorobenzene
Concen: 52.485 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :
SA-TW509-3337

Tot Ion: 95 Resp: 182443
Ion Ratio Lower Upper
95 100
174 92.0 0.0 185.2
176 88.4 0.0 178.6

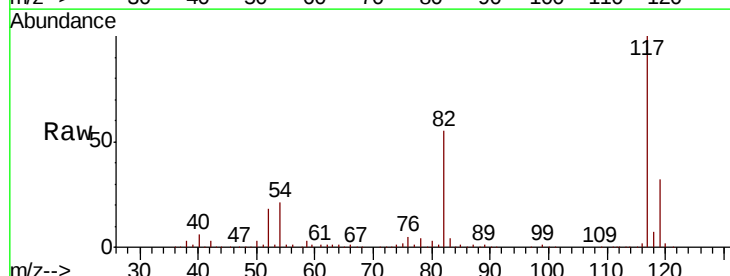


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

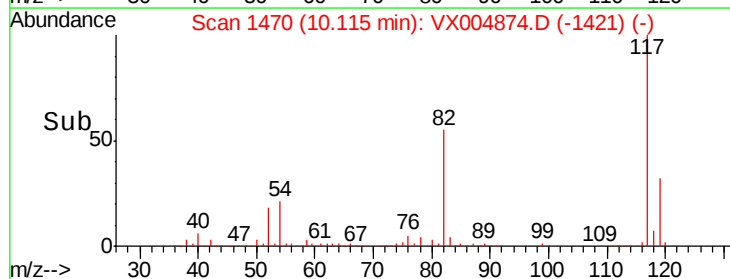
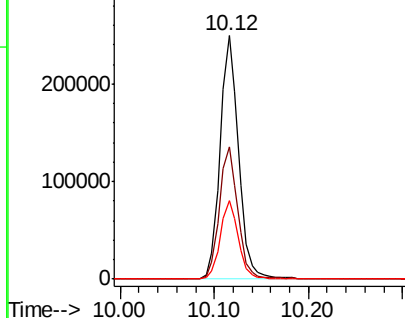


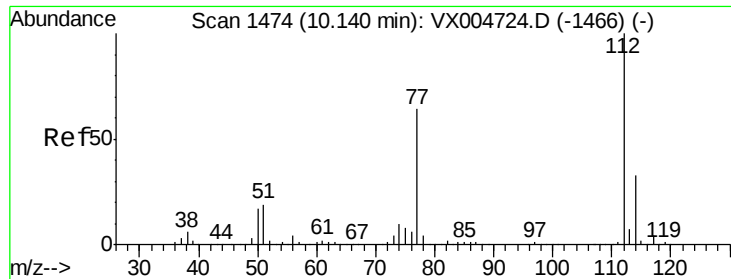
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

Tgt Ion: 117 Resp: 339594
Ion Ratio Lower Upper
117 100
82 54.5 47.8 71.6
119 32.3 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

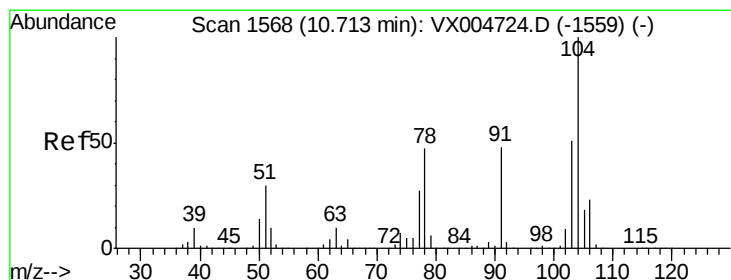
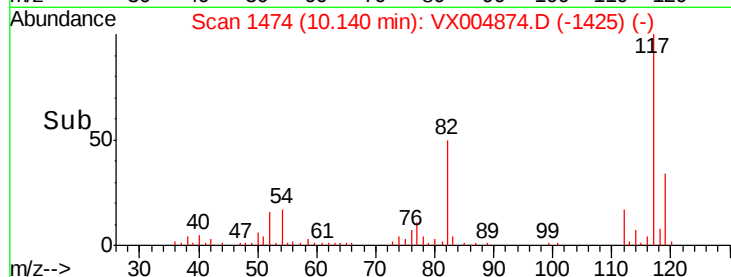
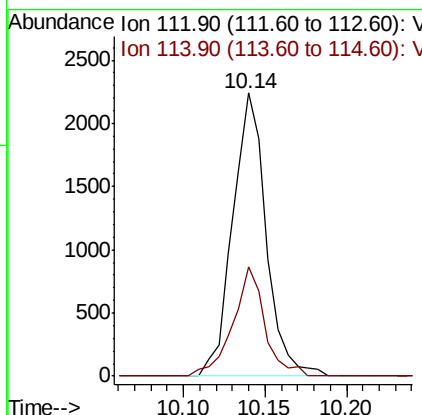
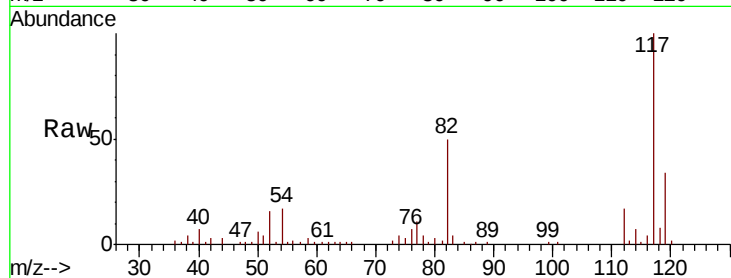




#65
Chlorobenzene
Concen: 0.368 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

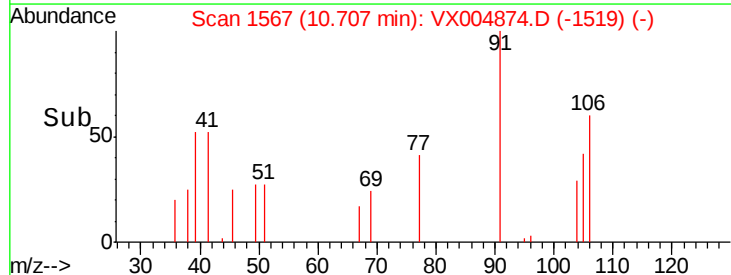
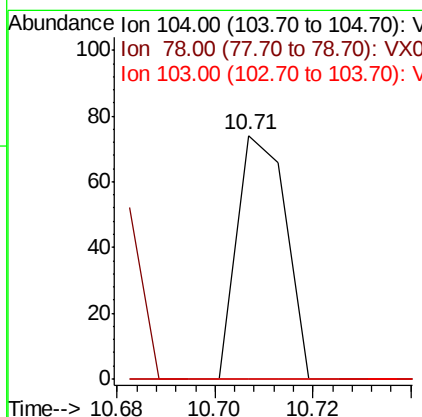
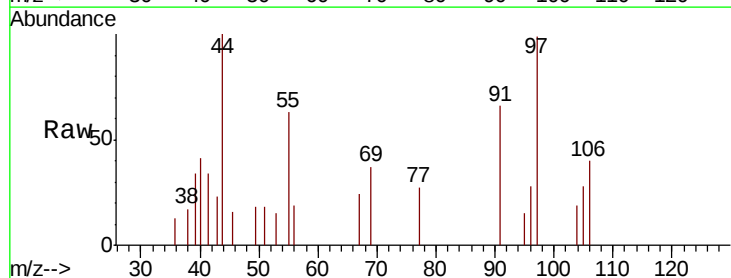
Instrument :
MSVOA_X
ClientSampleId :
SA-TW509-3337

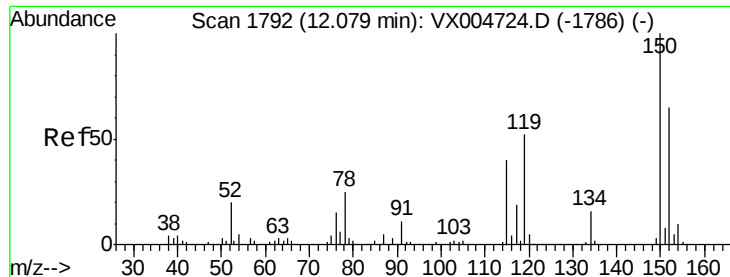
Tot Ion:112 Resp: 3203
Ion Ratio Lower Upper
112 100
114 38.8 27.8 41.8



#70
Styrene
Concen: 2.146 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

Tgt Ion:104 Resp: 51
Ion Ratio Lower Upper
104 100
78 0.0 37.4 56.0#
103 0.0 43.8 65.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

ClientSampleId :

SA-TW509-3337

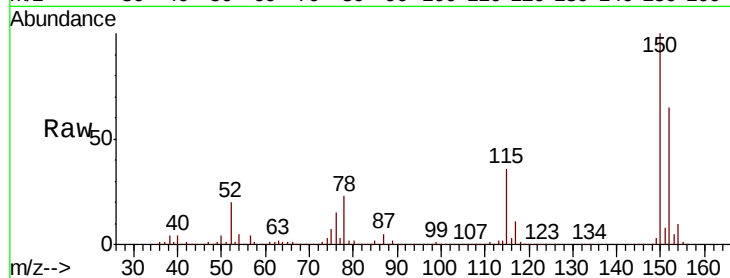
Tot Ion:152 Resp: 192524

Ion Ratio Lower Upper

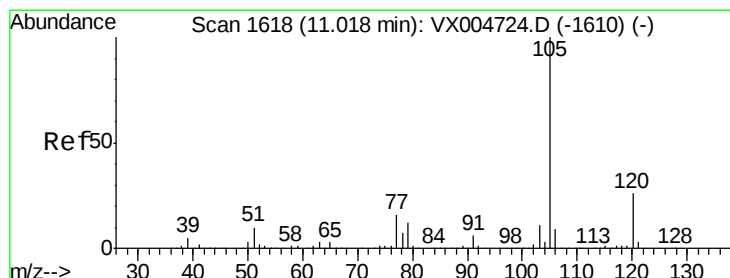
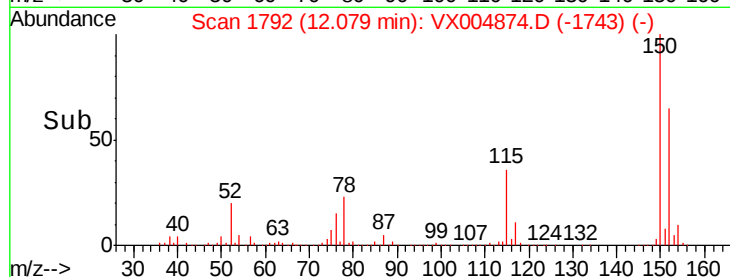
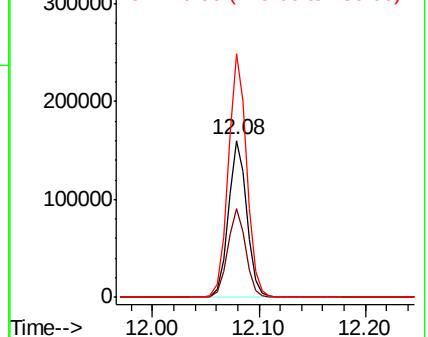
152 100

115 55.8 39.0 117.0

150 156.1 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



#73

Isopropylbenzene

Concen: 1.516 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004874.D

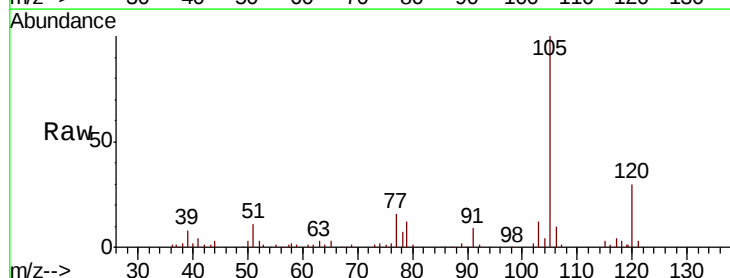
Acq: 01 Oct 2018 16:48

Tgt Ion:105 Resp: 18400

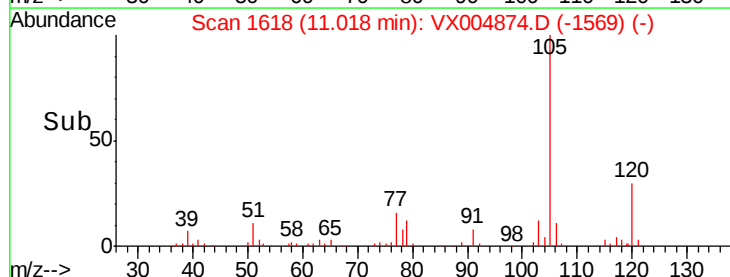
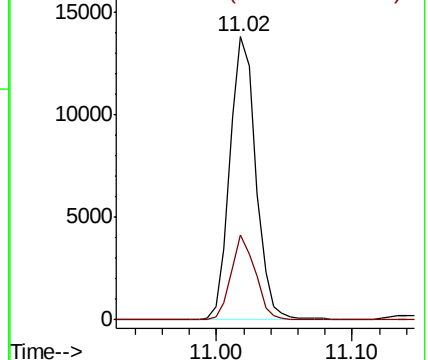
Ion Ratio Lower Upper

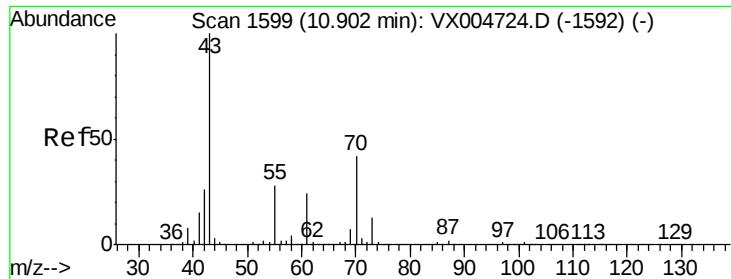
105 100

120 27.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.927 ug/l

RT: 10.94 min Scan# 1605

Delta R.T. 0.04 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

ClientSampleId :

SA-TW509-3337

Tot Ion: 43 Resp: 1240

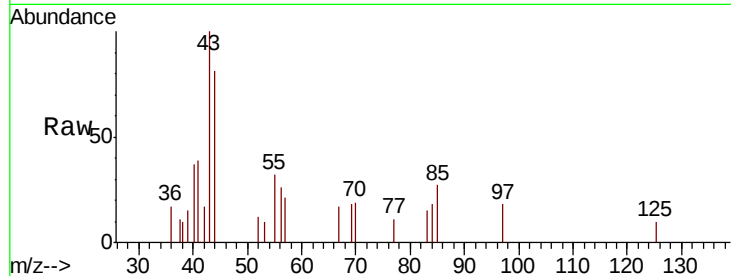
Ion Ratio Lower Upper

43 100

70 17.6 37.4 56.0#

55 27.7 21.8 32.8

61 0.0 20.6 30.8#

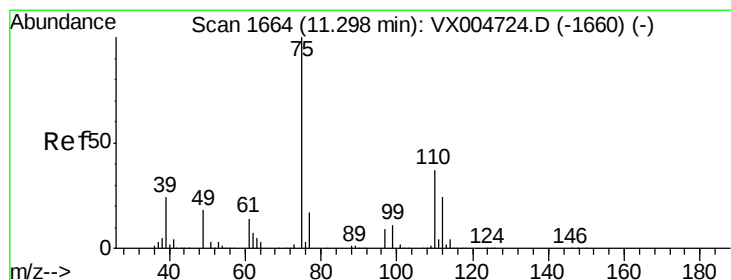
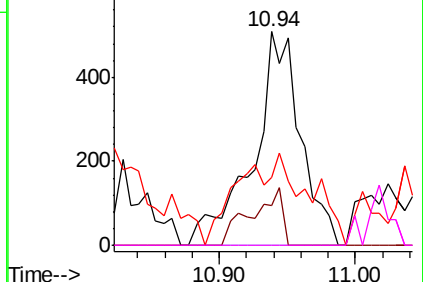
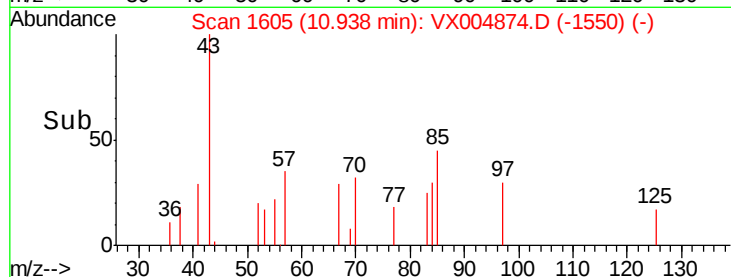


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.137 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004874.D

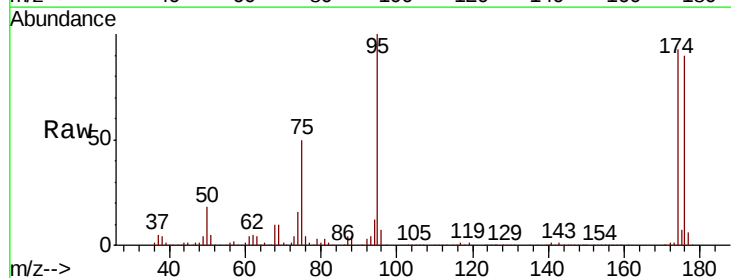
Acq: 01 Oct 2018 16:48

Tgt Ion: 75 Resp: 91210

Ion Ratio Lower Upper

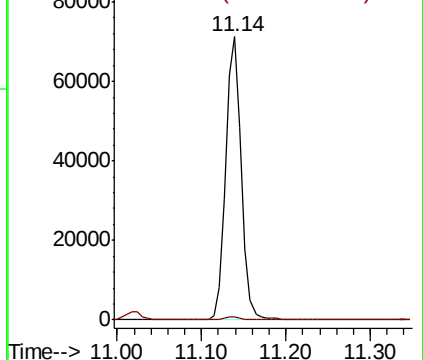
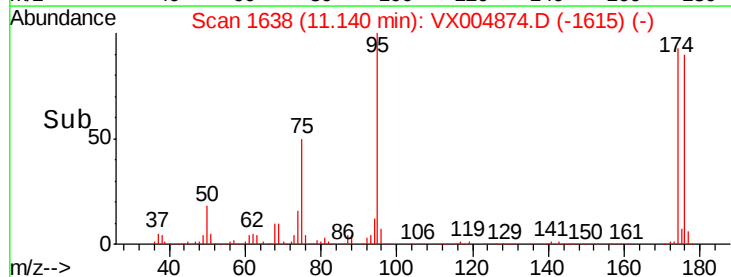
75 100

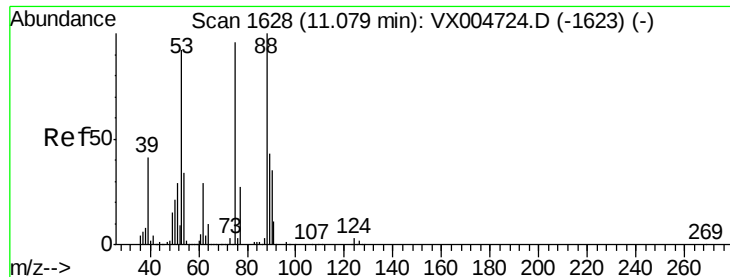
77 1.3 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

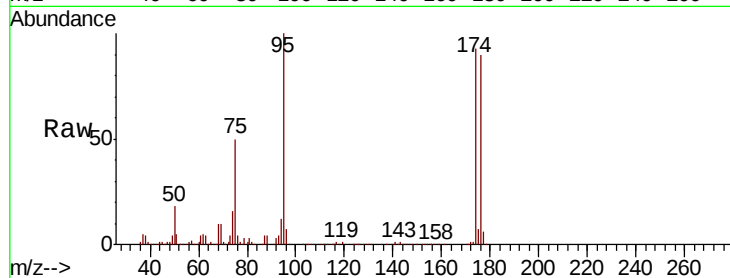




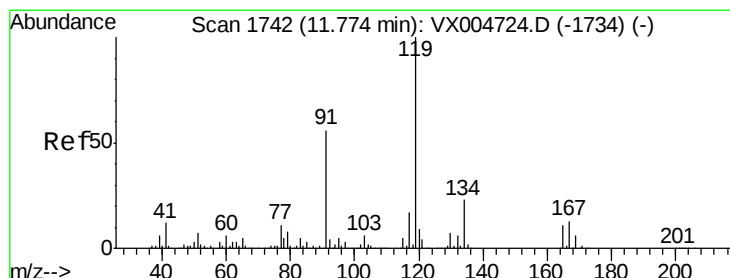
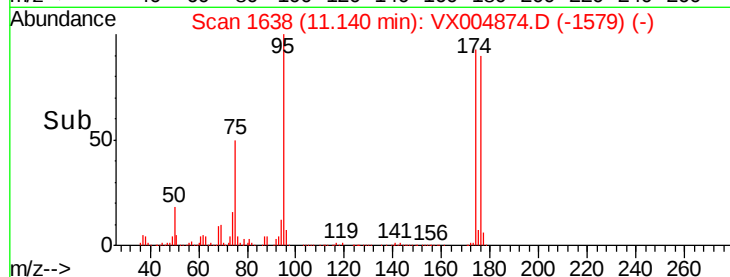
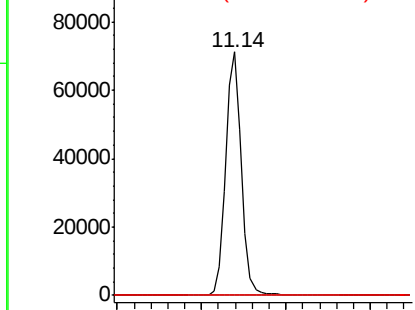
#81
trans-1,4-Dichloro-2-butene
Concen: 57.345 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :
SA-TW509-3337

Tot Ion: 75 Resp: 91210
Ion Ratio Lower Upper
75 100
53 0.3 80.1 120.1#
89 0.2 37.2 55.8#

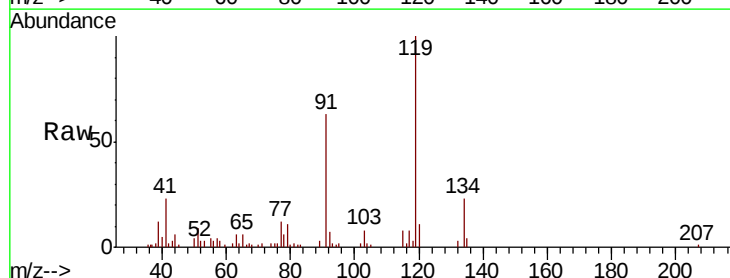


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

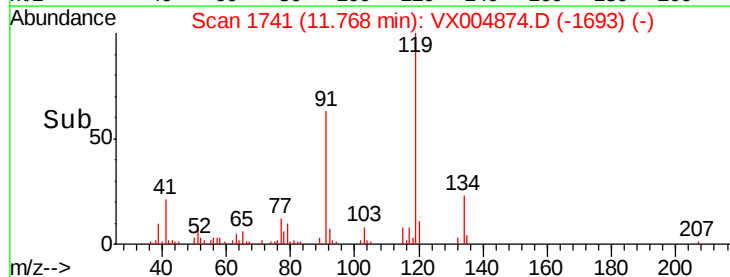
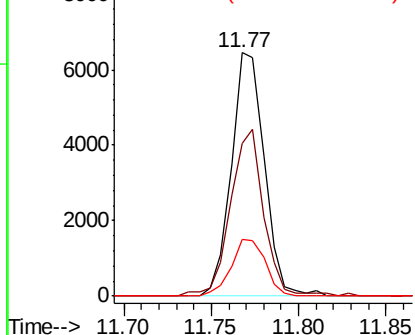


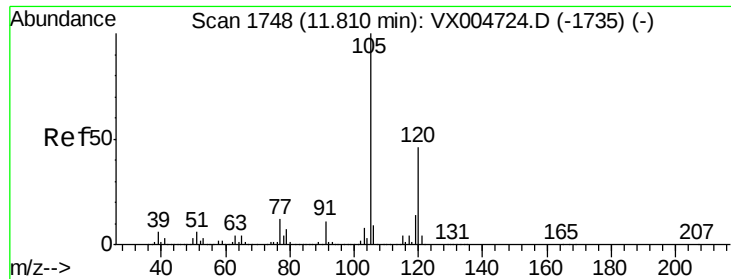
#83
tert-Butylbenzene
Concen: 0.850 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

Tgt Ion: 119 Resp: 8491
Ion Ratio Lower Upper
119 100
91 68.8 27.0 81.0
134 23.9 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

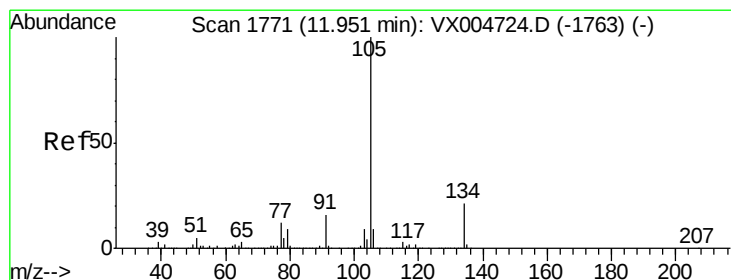
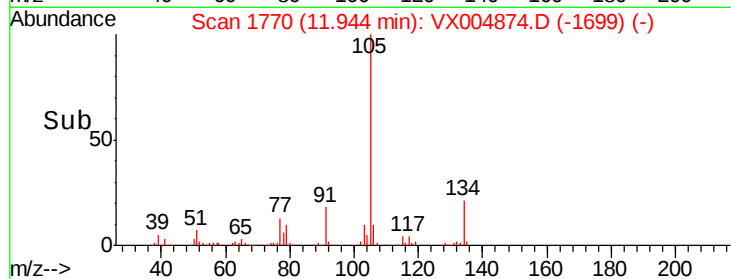
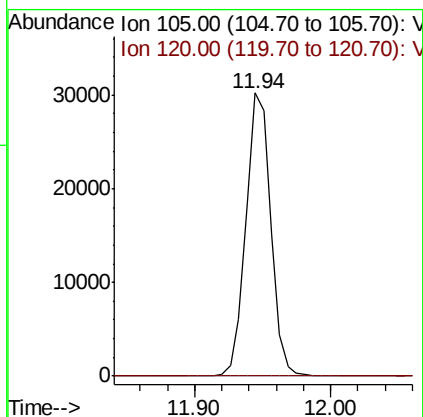
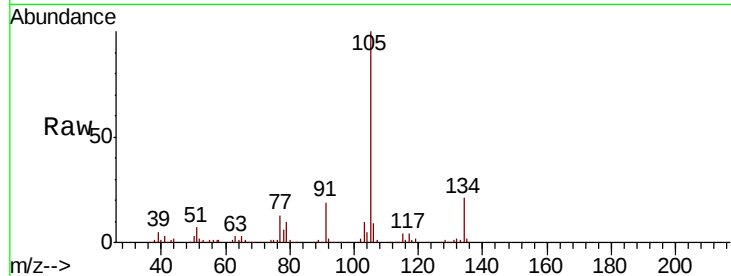




#84
 1,2,4-Trimethylbenzene
 Concen: 3.192 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.13 min
 Lab File: VX004874.D
 Acq: 01 Oct 2018 16:48

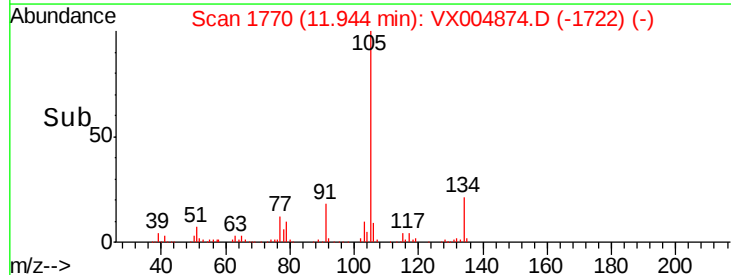
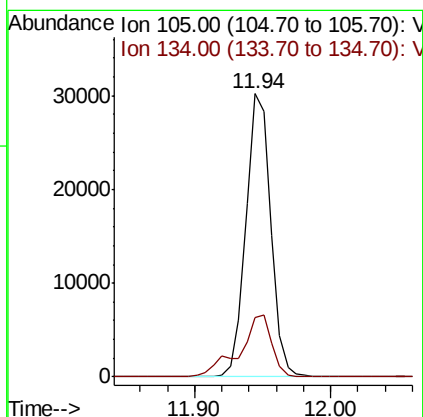
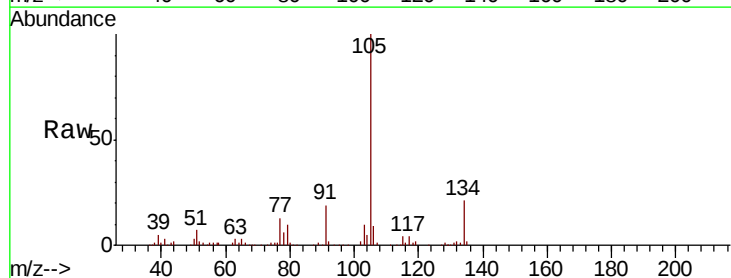
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-3337

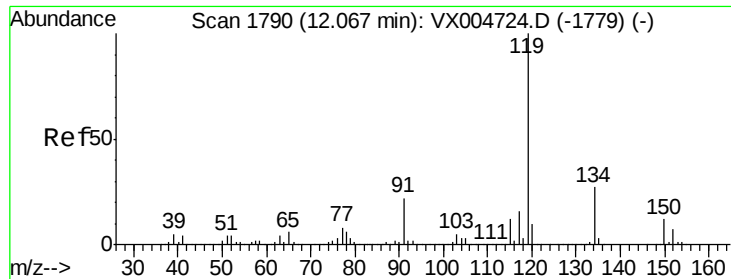
Tot Ion:105 Resp: 38731
 Ion Ratio Lower Upper
 105 100
 120 0.2 23.2 69.6#



#85
 sec-Butylbenzene
 Concen: 3.183 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004874.D
 Acq: 01 Oct 2018 16:48

Tgt Ion:105 Resp: 38731
 Ion Ratio Lower Upper
 105 100
 134 28.2 10.5 31.5





#86

p-Isopropyltoluene

Concen: 0.296 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.16 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

ClientSampleId :

SA-TW509-3337

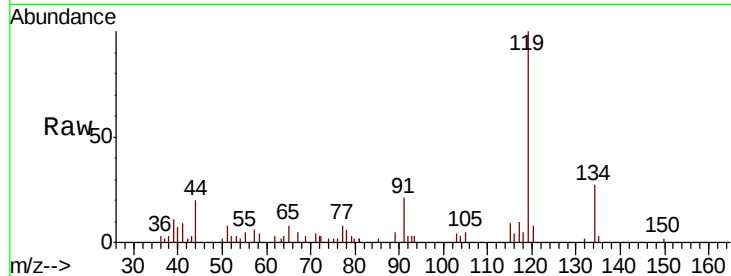
Tot Ion:119 Resp: 3261

Ion Ratio Lower Upper

119 100

134 29.7 13.4 40.2

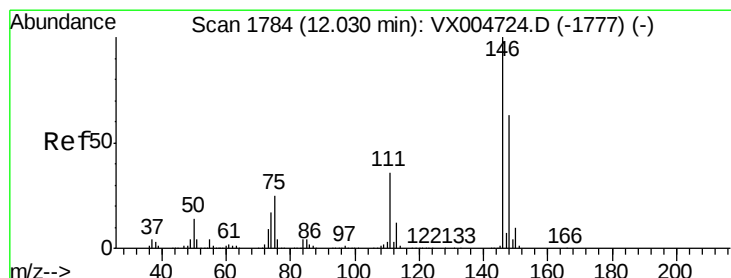
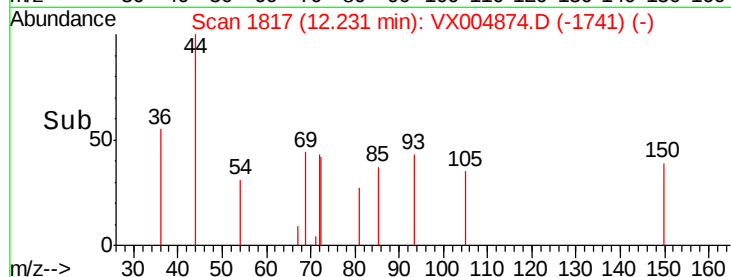
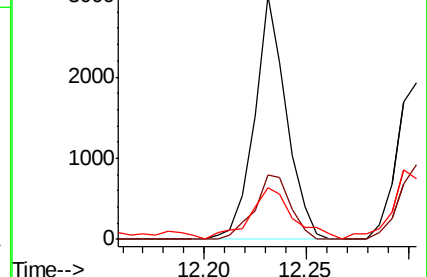
91 28.3 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 0.648 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

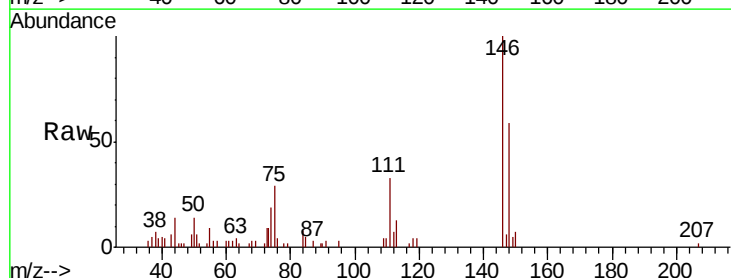
Tgt Ion:146 Resp: 4265

Ion Ratio Lower Upper

146 100

111 36.0 18.7 56.1

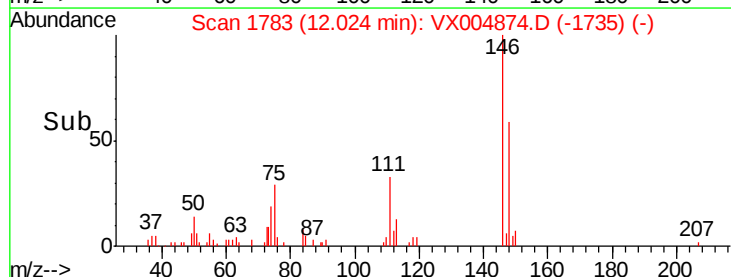
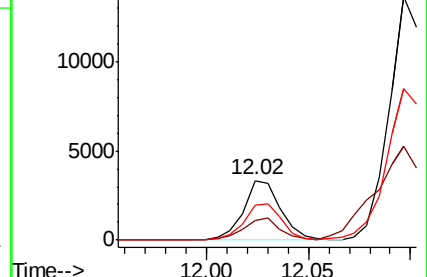
148 61.1 32.1 96.5

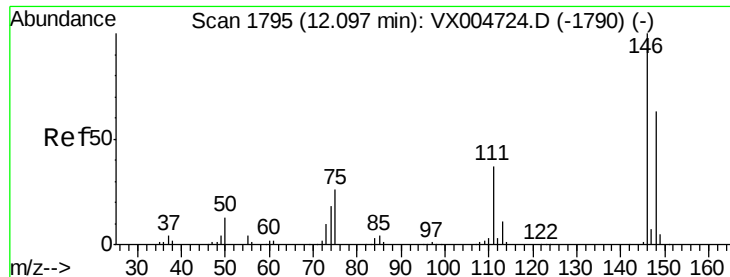


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

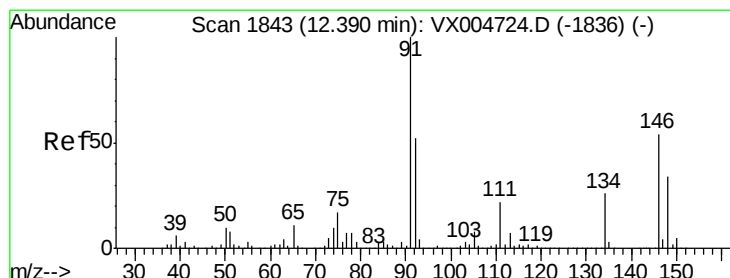
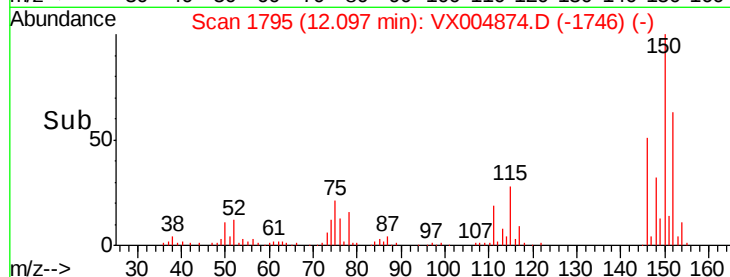
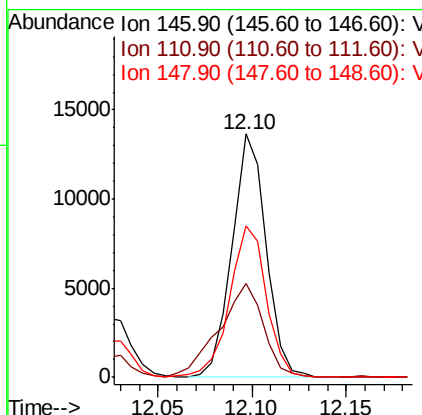
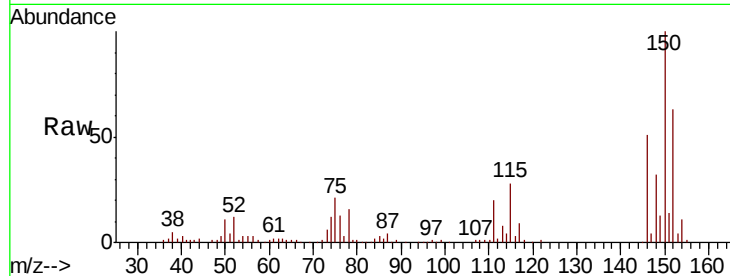




#88
 1,4-Dichlorobenzene
 Concen: 2.521 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004874.D
 Acq: 01 Oct 2018 16:48

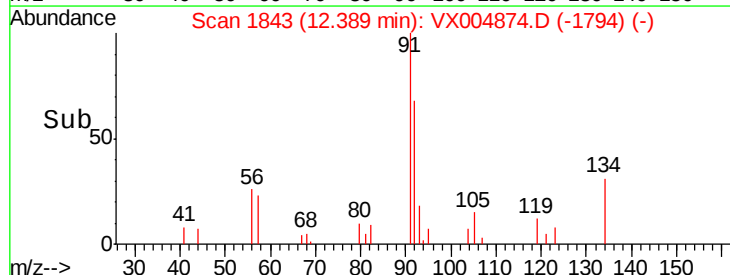
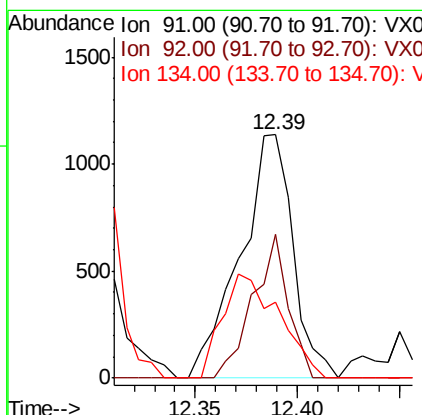
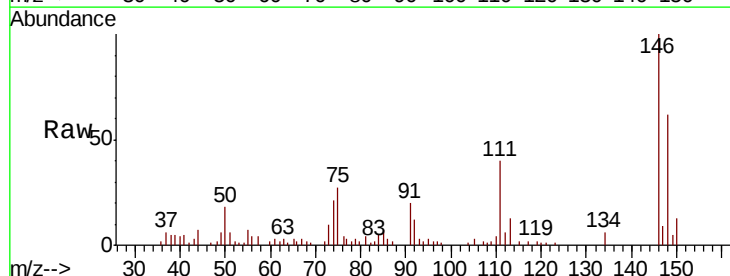
Instrument :
 MSVOA_X
 ClientSampled :
 SA-TW509-3337

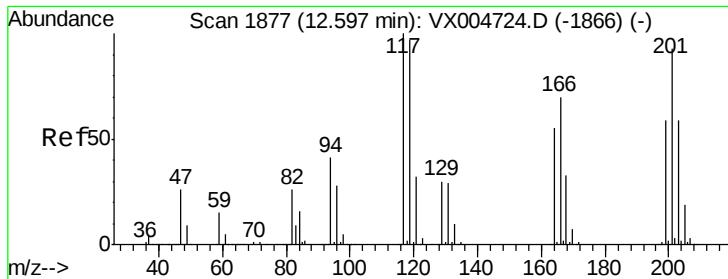
Tot Ion:146 Resp: 17130
 Ion Ratio Lower Upper
 146 100
 111 50.0 18.1 54.1
 148 67.4 32.0 96.0



#89
 n-Butylbenzene
 Concen: 0.205 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004874.D
 Acq: 01 Oct 2018 16:48

Tgt Ion: 91 Resp: 2050
 Ion Ratio Lower Upper
 91 100
 92 39.2 27.3 81.9
 134 46.0 13.6 40.7#





#90

Hexachloroethane

Concen: 10.463 ug/l

RT: 12.76 min Scan# 1903

Delta R.T. 0.16 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

ClientSampleId :

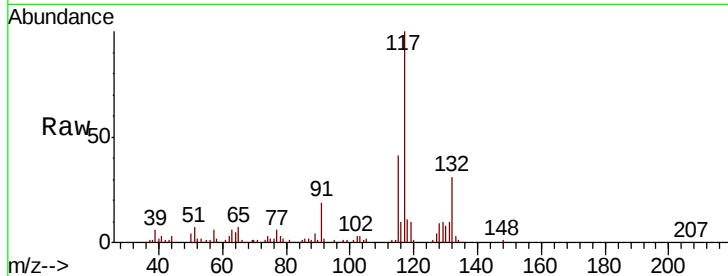
SA-TW509-3337

Tot Ion:117 Resp: 19208

Ion Ratio Lower Upper

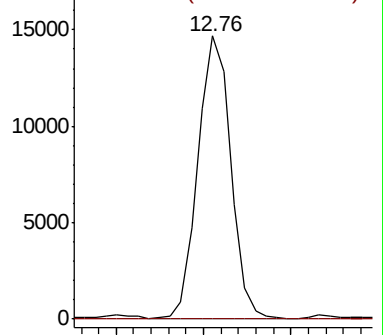
117 100

201 0.0 46.9 140.6#

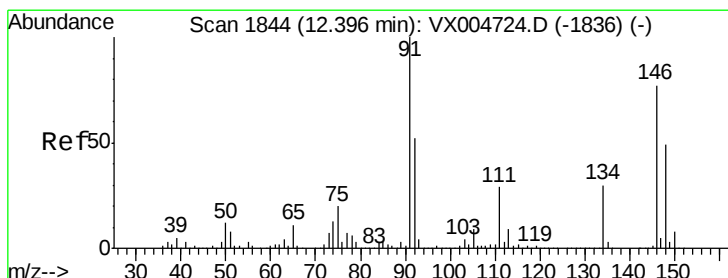
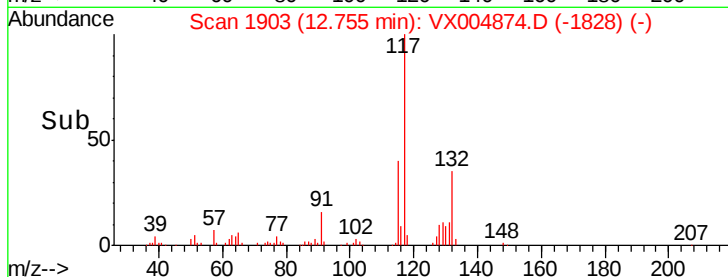


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



Time-->



#91

1,2-Dichlorobenzene

Concen: 1.189 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

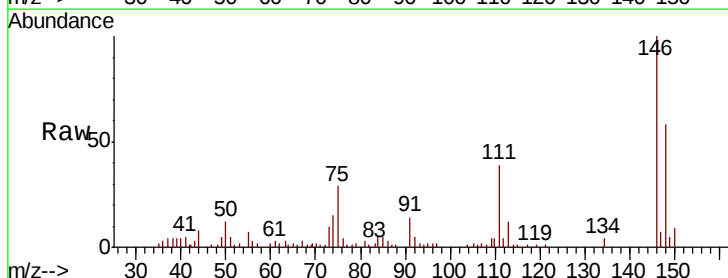
Tgt Ion:146 Resp: 8180

Ion Ratio Lower Upper

146 100

111 40.1 19.4 58.1

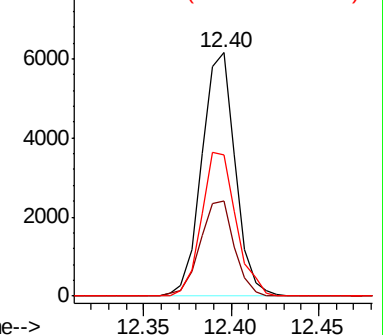
148 60.6 32.8 98.3



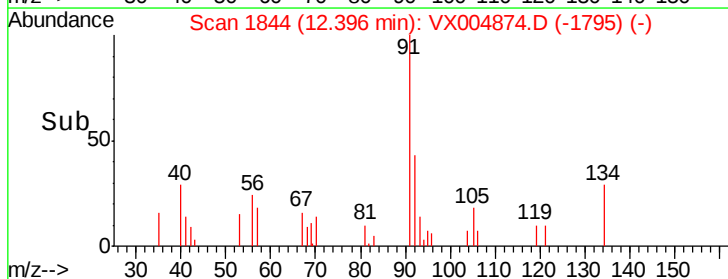
Abundance Ion 145.90 (145.60 to 146.60): V

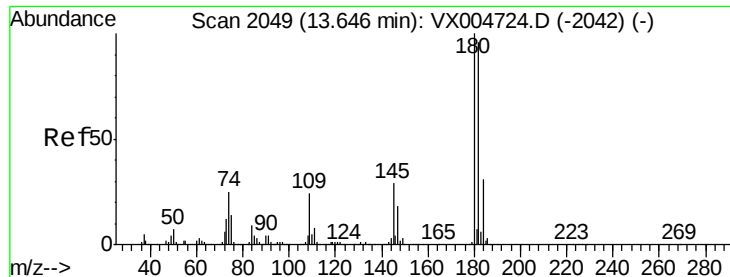
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->





#93

1,2,4-Trichlorobenzene

Concen: 1.749 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

ClientSampleId :

SA-TW509-3337

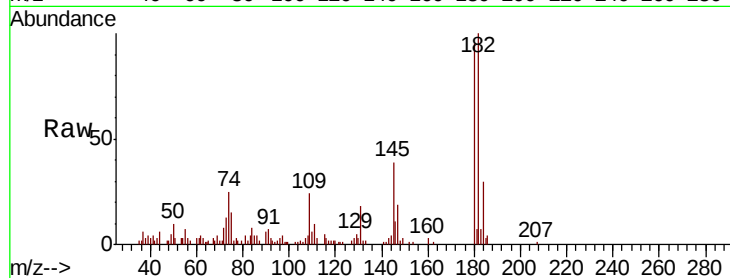
Tot Ion:180 Resp: 8440

Ion Ratio Lower Upper

180 100

182 98.8 48.4 145.0

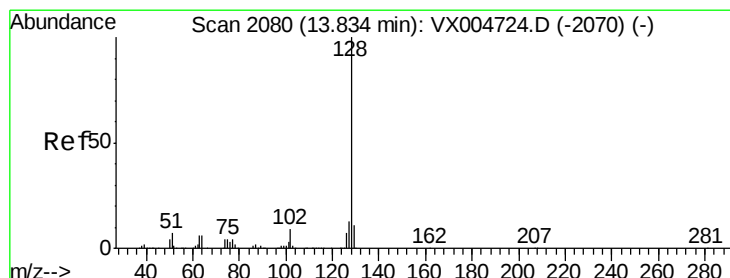
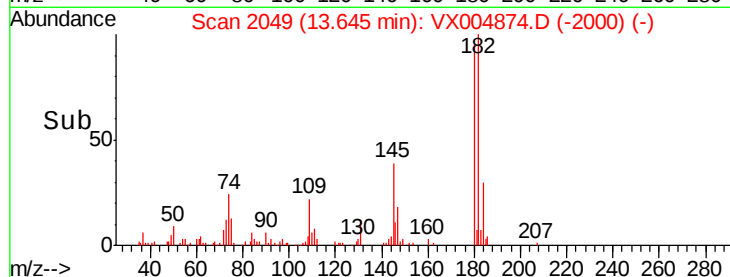
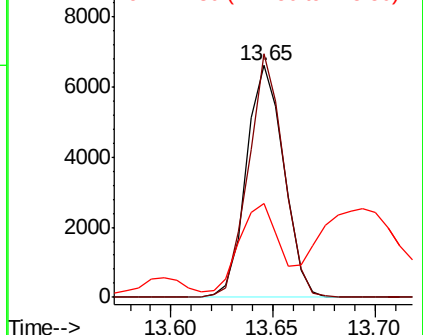
145 44.1 14.3 42.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 0.795 ug/l

RT: 13.80 min Scan# 2075

Delta R.T. -0.03 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

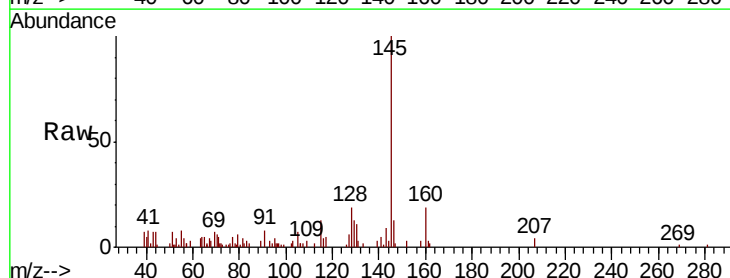
Tgt Ion:128 Resp: 1231

Ion Ratio Lower Upper

128 100

127 37.4 10.2 15.2#

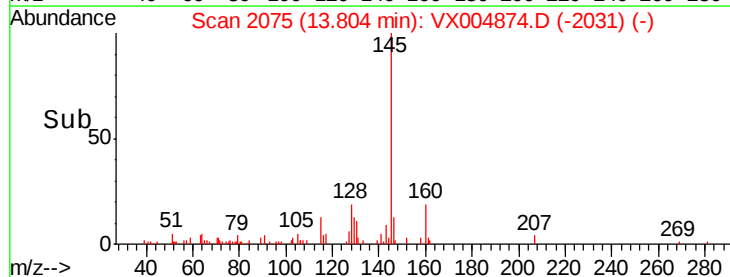
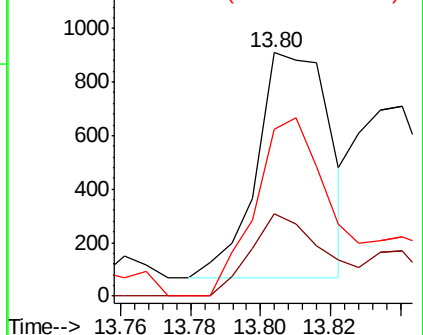
129 86.2 8.6 12.8#

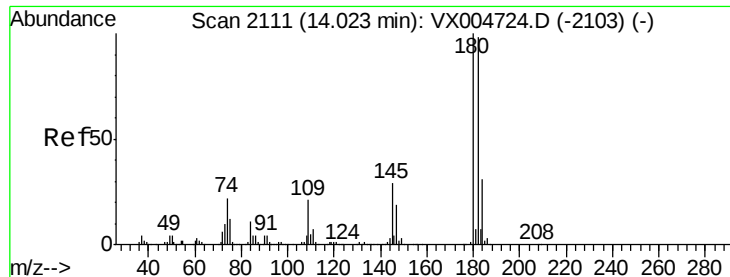


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.545 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VX004874.D
 Acq: 01 Oct 2018 16:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-3337

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.1	48.5	145.6
145	147.9	14.9	44.9#

