

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004809.D
 Acq On : 28 Sep 2018 07:44
 Operator : JC/MD
 Sample : J5020-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

Quant Time: Sep 28 08:26:07 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	201103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178879	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	169486	59.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.00%	
35) Dibromofluoromethane	5.50	113	134780	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	8.72	98	464851	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.14	95	170854	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	134372	49.006	ug/l	97
3) Chloromethane	1.32	50	203705	61.234	ug/l	99
4) Vinyl Chloride	1.41	62	199233	63.854	ug/l	93
5) Bromomethane	1.64	94	85825	46.387	ug/l	96
6) Chloroethane	1.71	64	136428	81.710	ug/l	99
7) Trichlorofluoromethane	1.92	101	200086	51.800	ug/l	88
8) Diethyl Ether	2.19	74	107500	64.062	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84622	38.460	ug/l	97
10) Methyl Iodide	2.51	142	114659	38.942	ug/l	98
11) Tert butyl alcohol	3.08	59	236000	293.806	ug/l	100
12) 1,1-Dichloroethene	2.37	96	121689	55.846	ug/l	97
13) Acrolein	2.29	56	140471	245.790	ug/l	91
14) Allyl chloride	2.73	41	290485	61.098	ug/l	95
15) Acrylonitrile	3.15	53	547356	309.545	ug/l	98
16) Acetone	2.45	43	499785	297.993	ug/l	96
17) Carbon Disulfide	2.57	76	363646	55.538	ug/l	100
18) Methyl Acetate	2.78	43	251933	59.288	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	538015	71.581	ug/l	97
20) Methylene Chloride	2.85	84	158844	65.398	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	134860	56.537	ug/l	95
22) Diisopropyl ether	3.87	45	514518	64.266	ug/l	95
23) Vinyl Acetate	3.82	43	2121882	289.542	ug/l	96
24) 1,1-Dichloroethane	3.70	63	269073	56.342	ug/l	98
25) 2-Butanone	4.70	43	752400	304.344	ug/l	100
26) 2,2-Dichloropropane	4.59	77	124798	37.527	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	156826	58.853	ug/l	97
28) Bromochloromethane	5.02	49	138641	61.647	ug/l	89
29) Tetrahydrofuran	5.16	42	483190	314.462	ug/l	92
30) Chloroform	5.21	83	261212	57.873	ug/l	98
31) Cyclohexane	5.57	56	142541	38.997	ug/l	# 83
32) 1,1,1-Trichloroethane	5.49	97	204195	55.396	ug/l	98
36) 1,1-Dichloropropene	5.80	75	160627	41.995	ug/l	99
37) Ethyl Acetate	4.86	43	244383	48.134	ug/l	98
38) Carbon Tetrachloride	5.78	117	160179	39.839	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111428	28.530	ug/l	96
40) Benzene	6.15	78	585745	48.916	ug/l	98
41) Methacrylonitrile	5.06	41	151600	53.842	ug/l	95
42) 1,2-Dichloroethane	6.20	62	220895	52.183	ug/l	97
43) Isopropyl Acetate	6.46	43	385113	52.553	ug/l	98
44) Trichloroethene	7.21	130	138668	47.107	ug/l	93
45) 1,2-Dichloropropane	7.52	63	161758	55.085	ug/l	99
46) Dibromomethane	7.66	93	104318	56.526	ug/l	98
47) Bromodichloromethane	7.90	83	197585	57.184	ug/l	99
48) Methyl methacrylate	7.77	41	211166	63.487	ug/l	93
49) 1,4-Dioxane	7.76	88	81611	987.626	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1411914	306.000	ug/l	95
52) Toluene	8.79	92	341155	51.849	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	206229	52.817	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	219365	53.638	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	156690	54.365	ug/l	97
56) Ethyl methacrylate	9.18	69	251050	53.467	ug/l	94
57) 1,3-Dichloropropane	9.37	76	264044	55.045	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.27	63	2444	15.170	ug/l #	45
59) 2-Hexanone	9.50	43	1117681	290.683	ug/l	93
60) Dibromochloromethane	9.59	129	158515	54.994	ug/l	99
61) 1,2-Dibromoethane	9.67	107	162256	52.567	ug/l	100
64) Tetrachloroethene	9.34	164	106405	35.413	ug/l	96
65) Chlorobenzene	10.14	112	380577	48.614	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	143982	52.316	ug/l	99
67) Ethyl Benzene	10.26	91	589556	47.435	ug/l	98
68) m/p-Xylenes	10.36	106	458676	94.440	ug/l	94
69) o-Xylene	10.70	106	233076	52.248	ug/l	96
70) Styrene	10.71	104	403402	48.421	ug/l	97
71) Bromoform	10.86	173	129334	54.891	ug/l	97
73) Isopropylbenzene	11.02	105	604523	53.616	ug/l	99
74) N-amyl acetate	10.90	43	334443	53.828	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	266085	57.975	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	286566	71.475	ug/l	88
77) Bromobenzene	11.26	156	177387	54.166	ug/l	98
78) n-propylbenzene	11.36	91	612841	47.372	ug/l	99
79) 2-Chlorotoluene	11.42	91	408803	50.697	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	472918	45.747	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	65402	44.709	ug/l	98
82) 4-Chlorotoluene	11.51	91	481728	50.755	ug/l	99
83) tert-Butylbenzene	11.77	119	474489	51.114	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	507066	47.570	ug/l	98
85) sec-Butylbenzene	11.94	105	524731	46.407	ug/l	99
86) p-Isopropyltoluene	12.07	119	443458	43.288	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	302032	49.390	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	310505	49.188	ug/l	99
89) n-Butylbenzene	12.39	91	383540	41.224	ug/l	97
90) Hexachloroethane	12.60	117	75782	44.430	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	324187	50.728	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64629	64.132	ug/l	94

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QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	231931	51.736	ug/l	100
94) Hexachlorobutadiene	13.79	225	76894	33.078	ug/l	99
95) Naphthalene	13.83	128	863272	57.903	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	248830	53.732	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

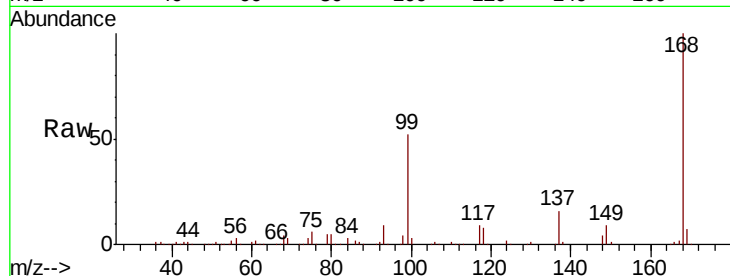
T3-MW-7-10.0-091918MSD

Tot Ion:168 Resp: 201103

Ion Ratio Lower Upper

168 100

99 52.3 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

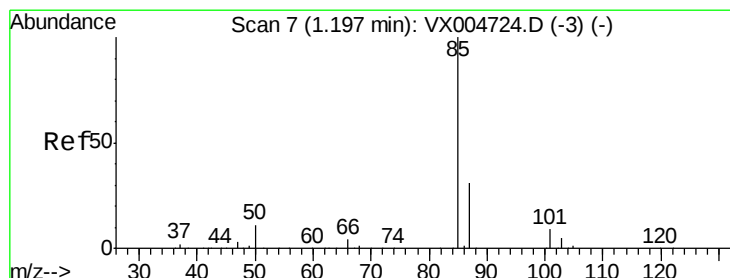
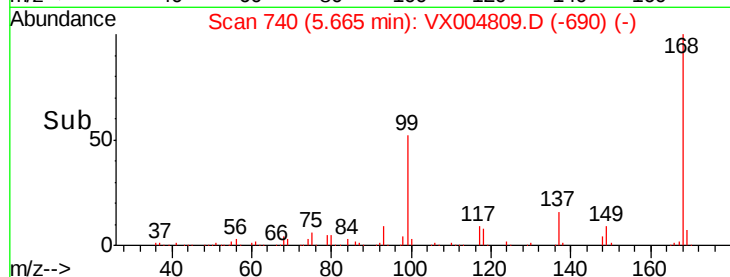
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 49.006 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004809.D

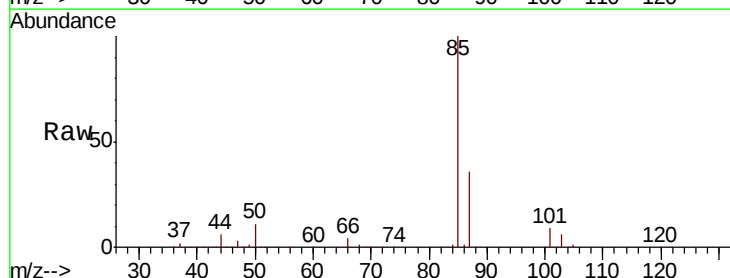
Acq: 28 Sep 2018 07:44

Tgt Ion: 85 Resp: 134372

Ion Ratio Lower Upper

85 100

87 35.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

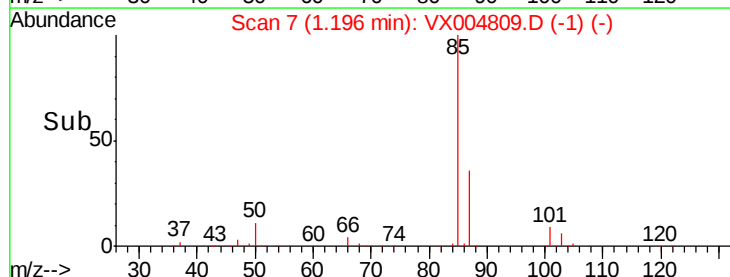
50000

0

Time-->

1.20

1.30





#3

Chloromethane

Concen: 61.234 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

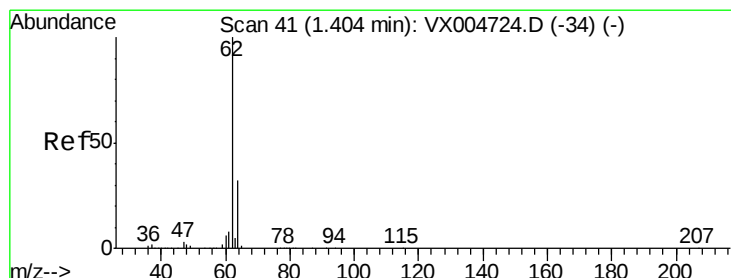
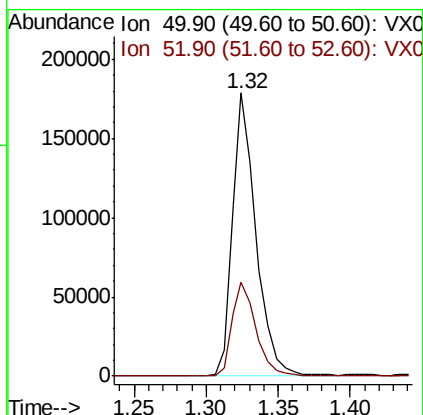
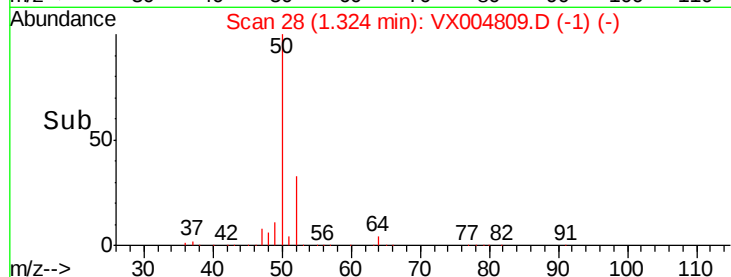
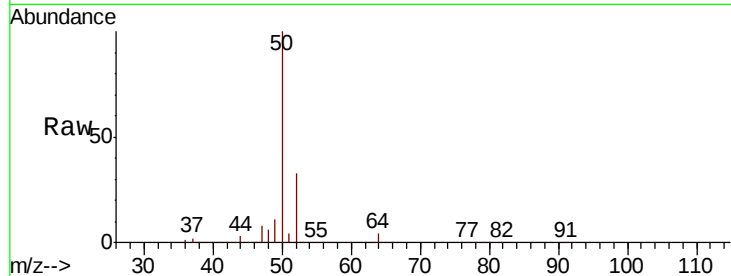
T3-MW-7-10.0-091918MSD

Tot Ion: 50 Resp: 203705

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2



#4

Vinyl Chloride

Concen: 63.854 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX004809.D

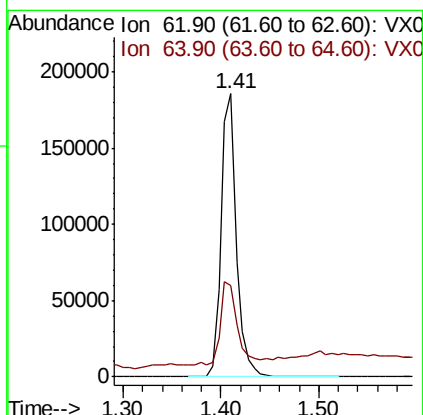
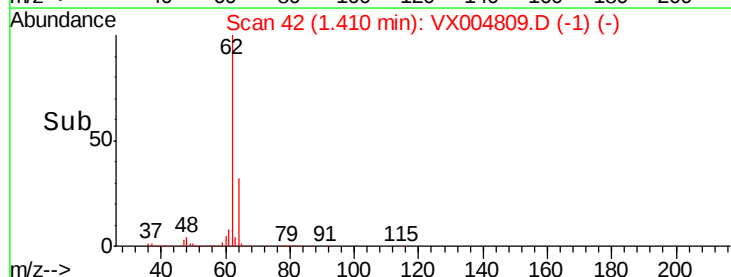
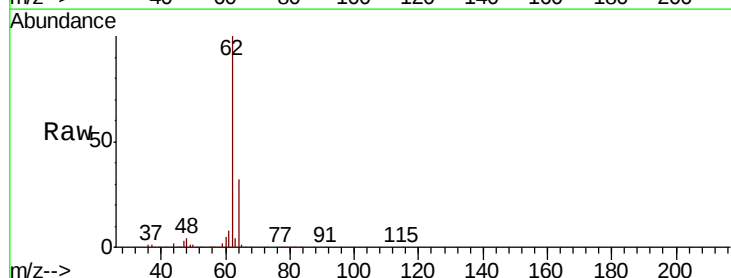
Acq: 28 Sep 2018 07:44

Tgt Ion: 62 Resp: 199233

Ion Ratio Lower Upper

62 100

64 28.2 25.8 38.8





#5

Bromomethane

Concen: 46.387 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

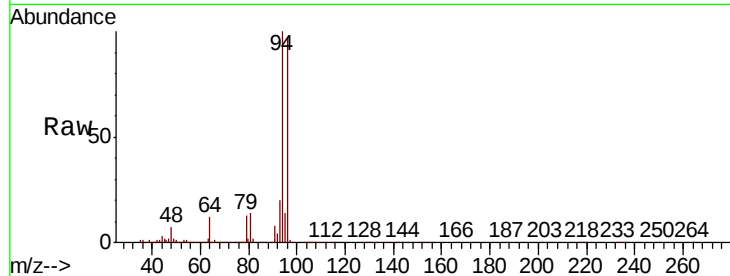
T3-MW-7-10.0-091918MSD

Tot Ion: 94 Resp: 85825

Ion Ratio Lower Upper

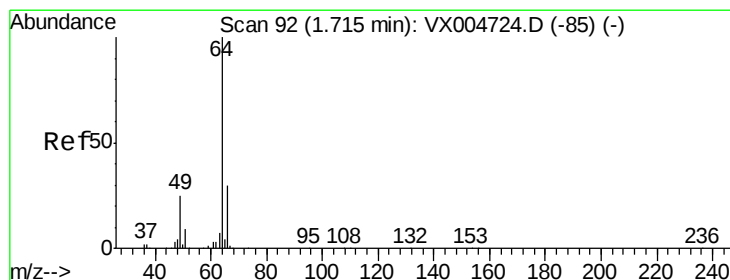
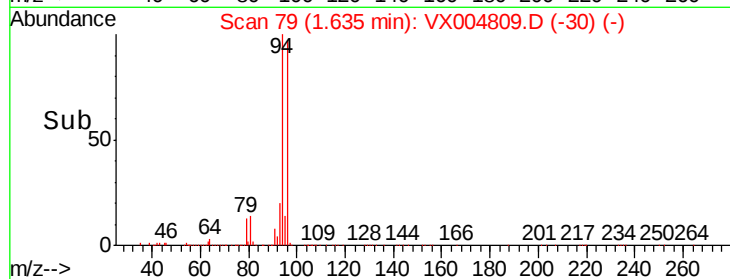
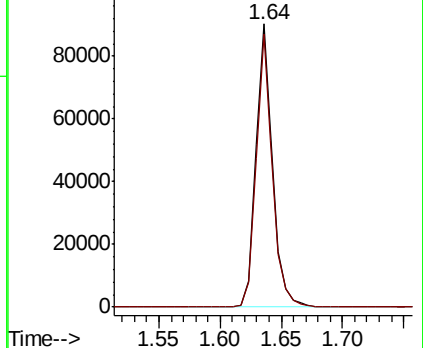
94 100

96 96.7 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: 81.710 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004809.D

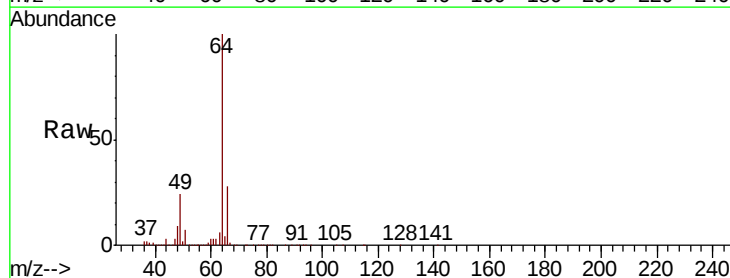
Acq: 28 Sep 2018 07:44

Tgt Ion: 64 Resp: 136428

Ion Ratio Lower Upper

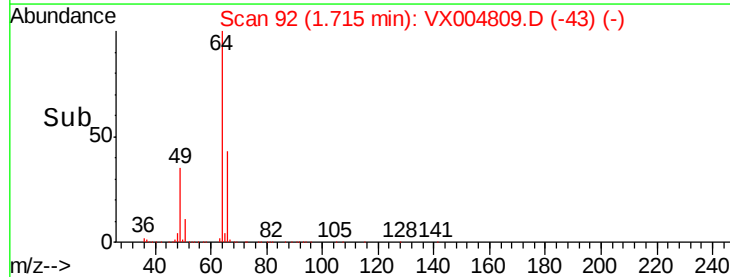
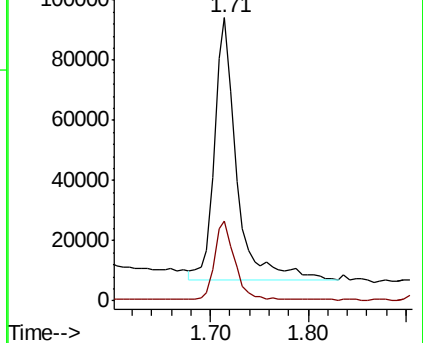
64 100

66 30.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



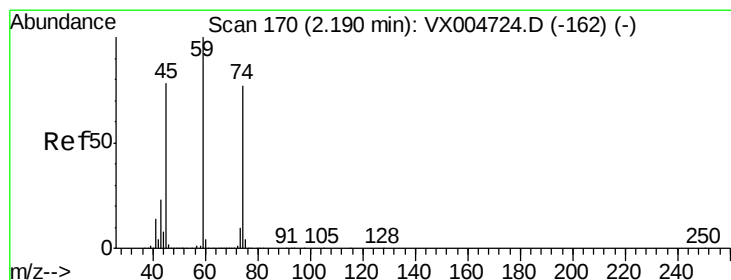
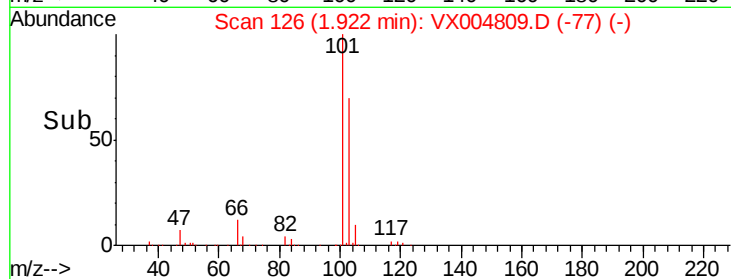
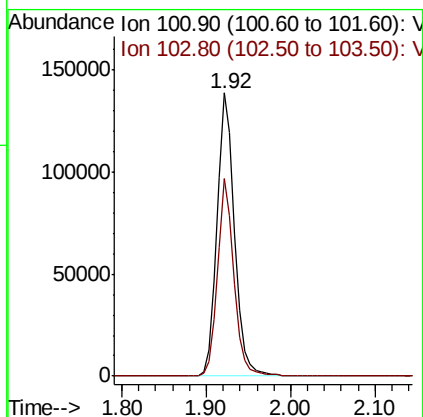
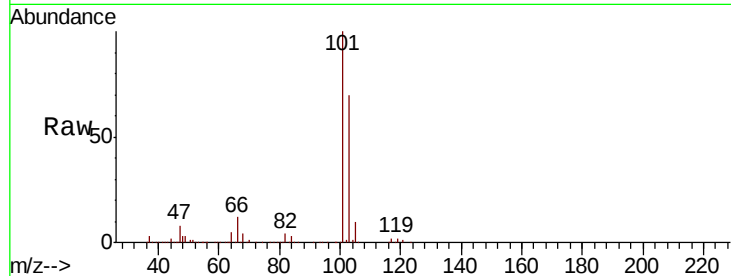


#7

Trichlorofluoromethane
 Concen: 51.800 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

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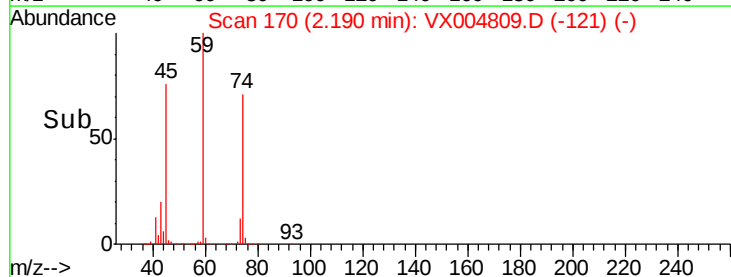
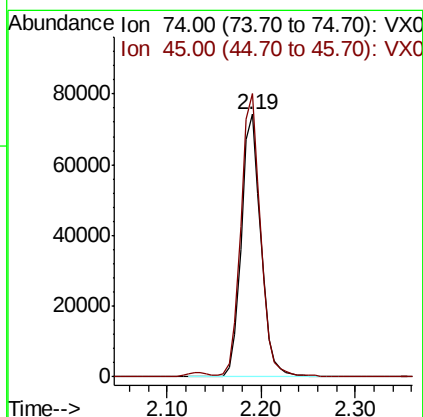
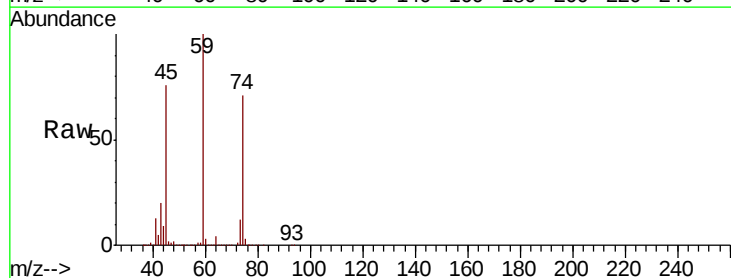
Tot Ion:101 Resp: 200086
 Ion Ratio Lower Upper
 101 100
 103 69.9 48.9 73.3

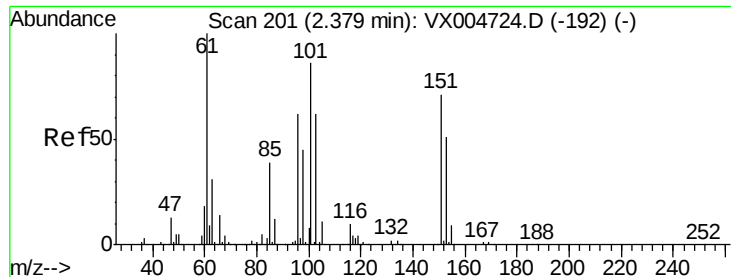


#8

Diethyl Ether
 Concen: 64.062 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion: 74 Resp: 107500
 Ion Ratio Lower Upper
 74 100
 45 107.8 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 38.460 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

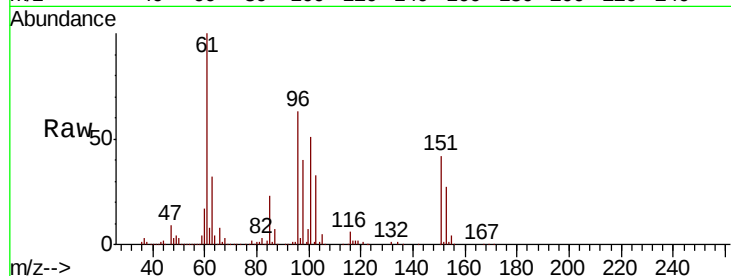
Tot Ion:101 Resp: 84622

Ion Ratio Lower Upper

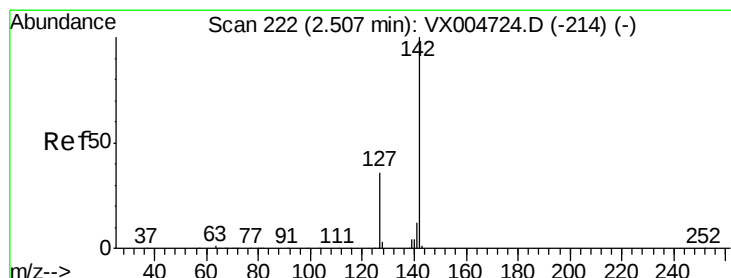
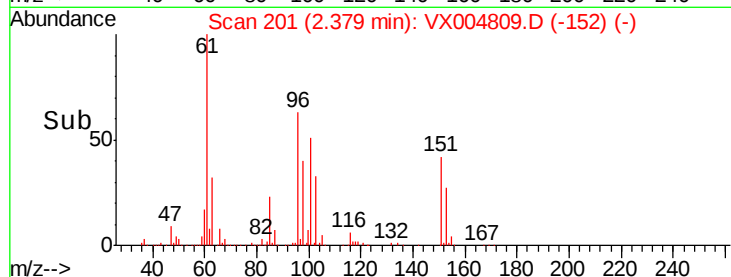
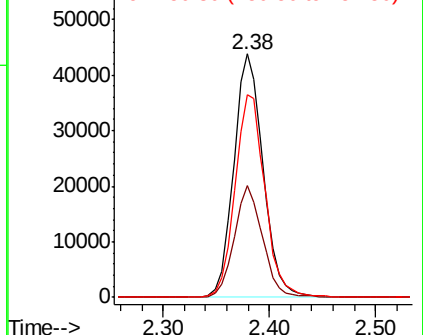
101 100

85 44.2 34.2 51.4

151 84.6 65.0 97.6



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



#10

Methyl Iodide

Concen: 38.942 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

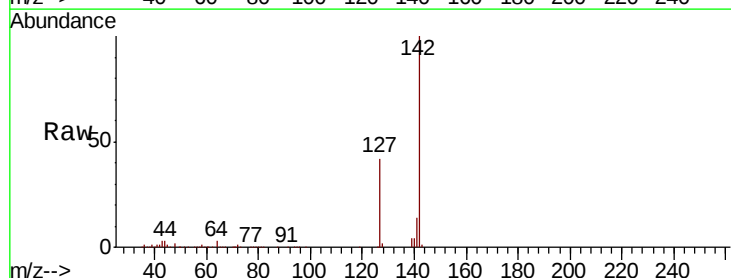
Tgt Ion:142 Resp: 114659

Ion Ratio Lower Upper

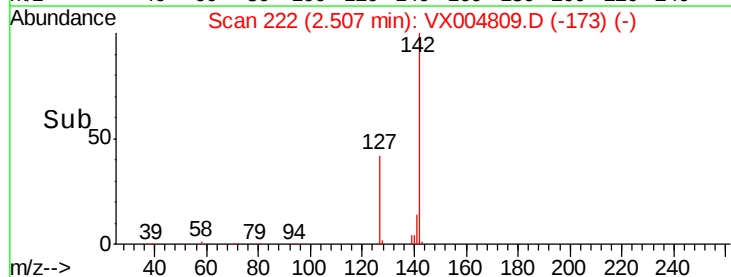
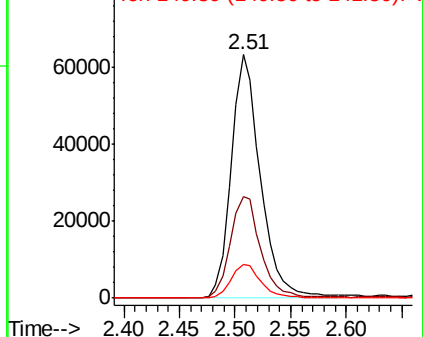
142 100

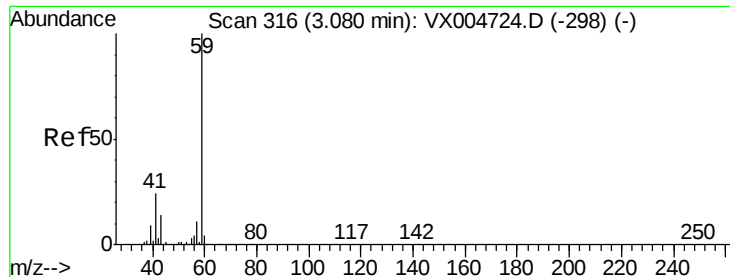
127 43.8 33.8 50.6

141 14.1 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

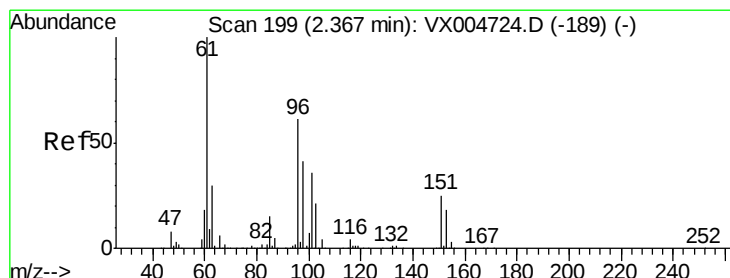
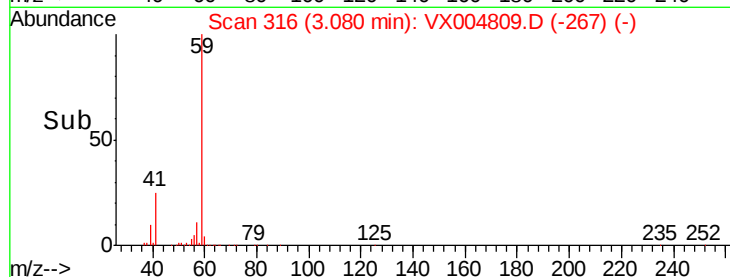
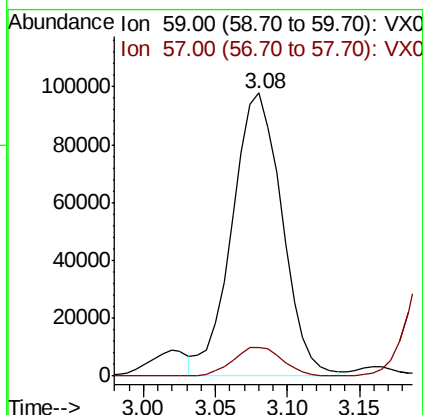
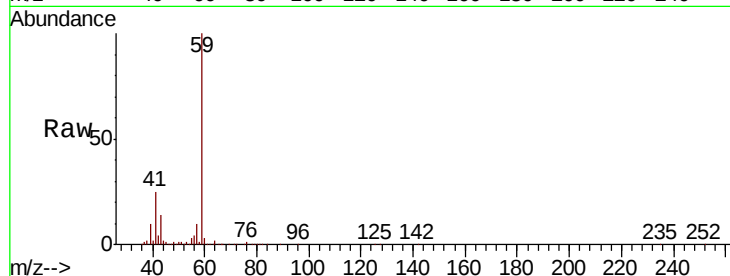




#11
Tert butyl alcohol
Concen: 293.806 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

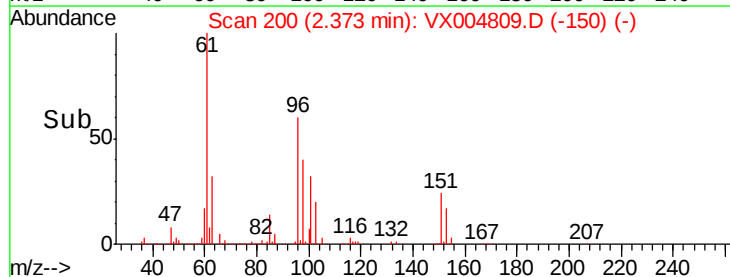
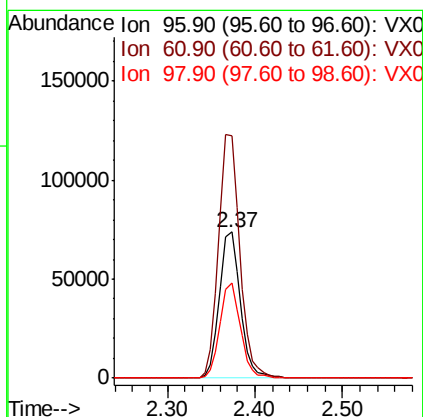
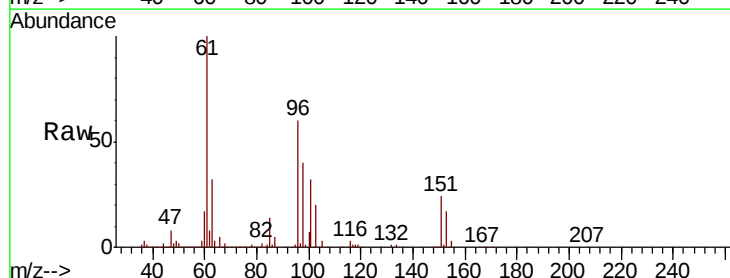
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion: 59 Resp: 236000
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 55.846 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion: 96 Resp: 121689
Ion Ratio Lower Upper
96 100
61 165.9 128.8 193.2
98 65.6 52.2 78.2

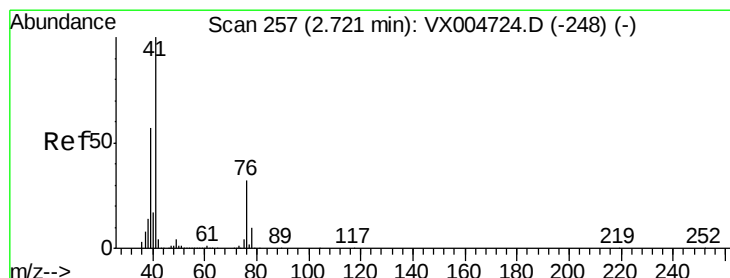
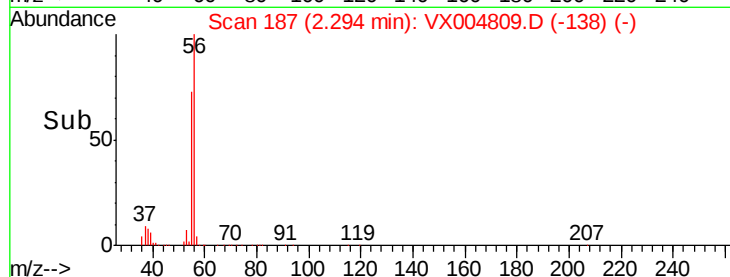
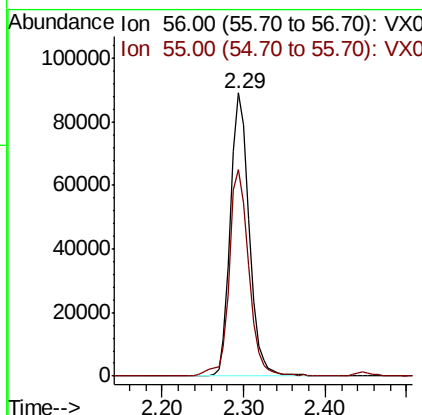
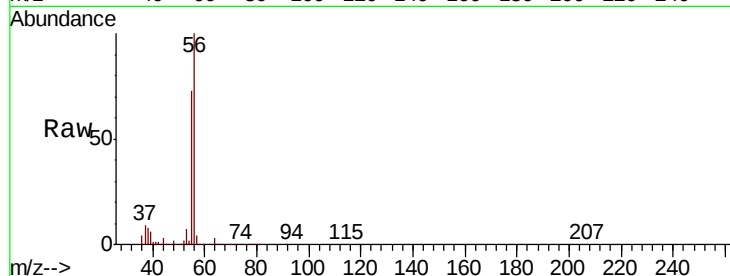




#13
Acrolein
Concen: 245.790 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

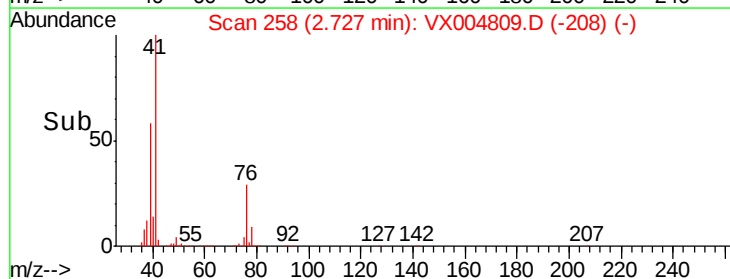
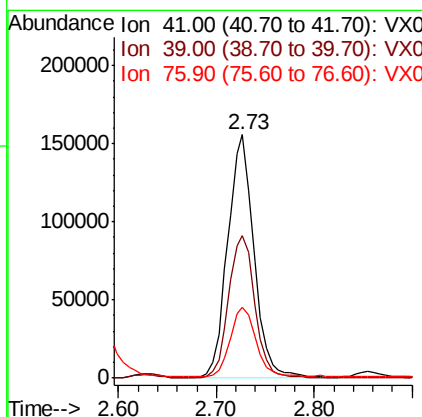
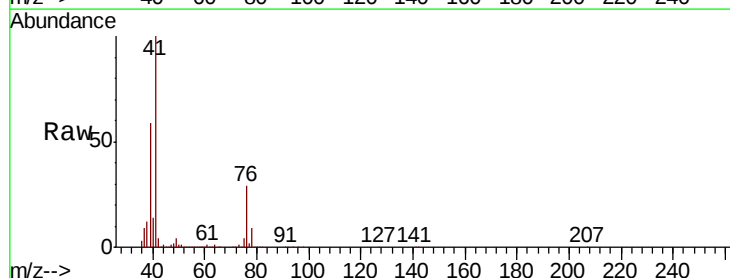
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

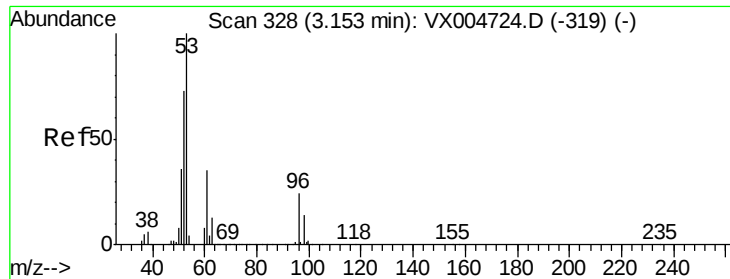
Tot Ion: 56 Resp: 140471
Ion Ratio Lower Upper
56 100
55 75.6 54.7 82.1



#14
Allyl chloride
Concen: 61.098 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion: 41 Resp: 290485
Ion Ratio Lower Upper
41 100
39 57.9 48.9 73.3
76 29.2 26.7 40.1





#15

Acrylonitrile

Concen: 309.545 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

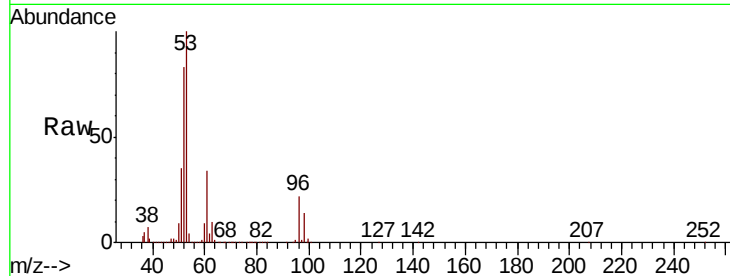
Tot Ion: 53 Resp: 547356

Ion Ratio Lower Upper

53 100

52 83.4 65.2 97.8

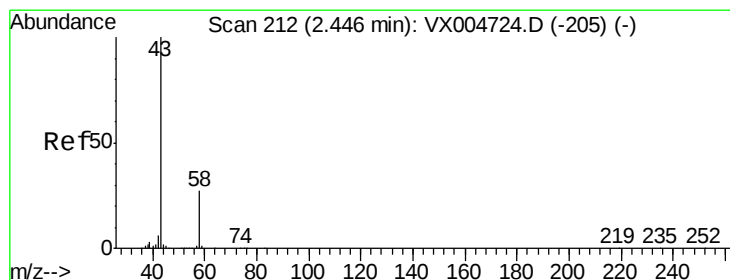
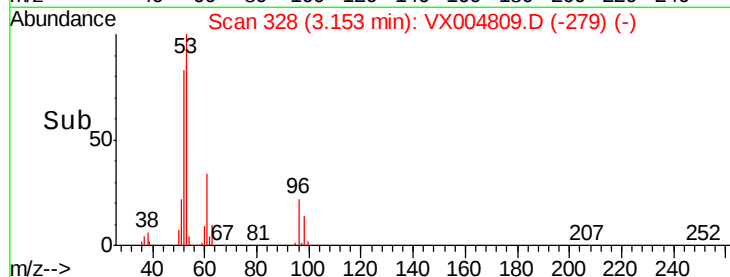
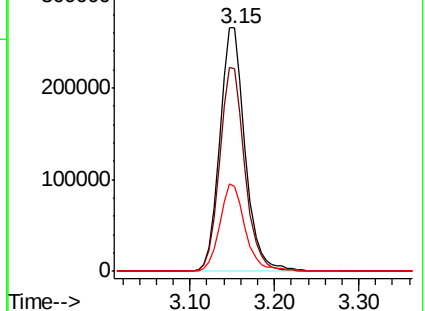
51 36.0 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 297.993 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004809.D

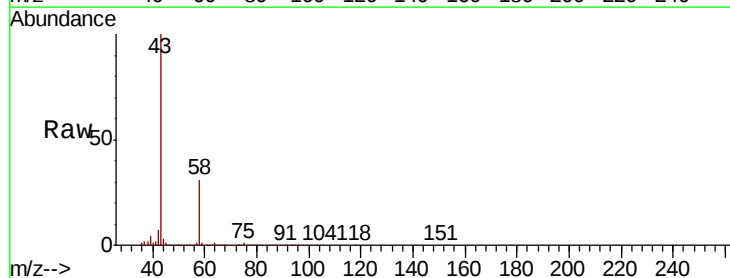
Acq: 28 Sep 2018 07:44

Tgt Ion: 43 Resp: 499785

Ion Ratio Lower Upper

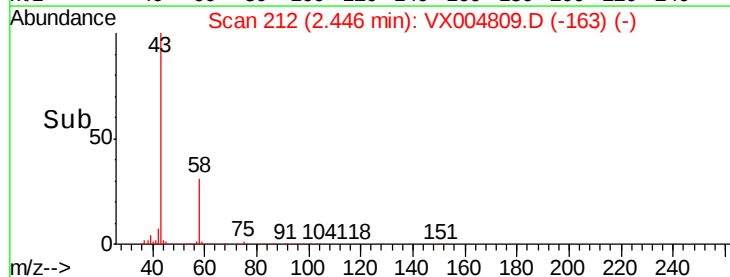
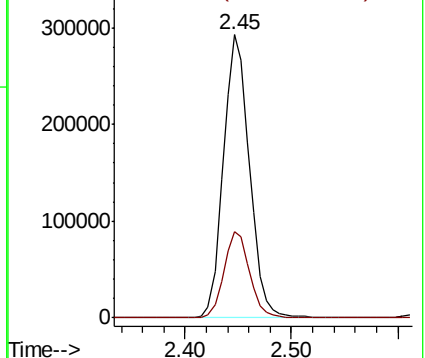
43 100

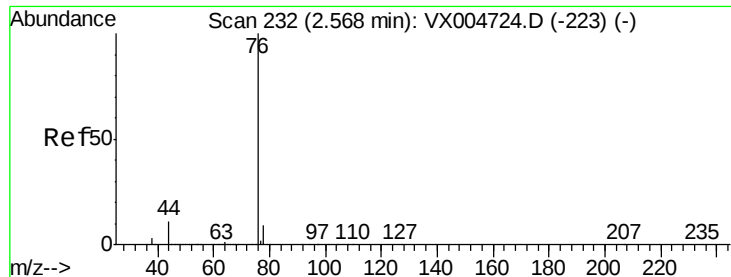
58 30.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

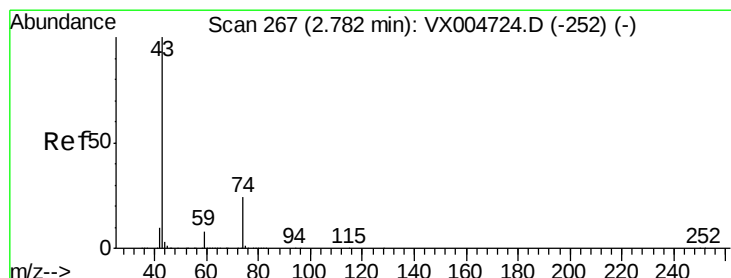
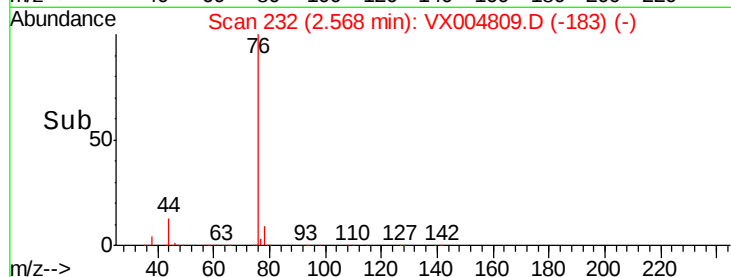
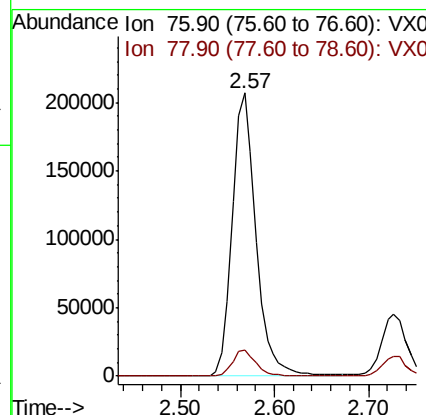
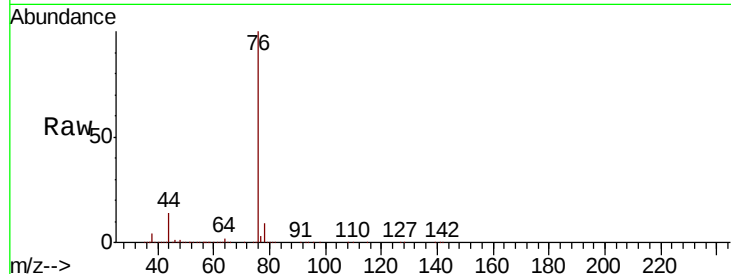




#17
Carbon Disulfide
Concen: 55.538 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

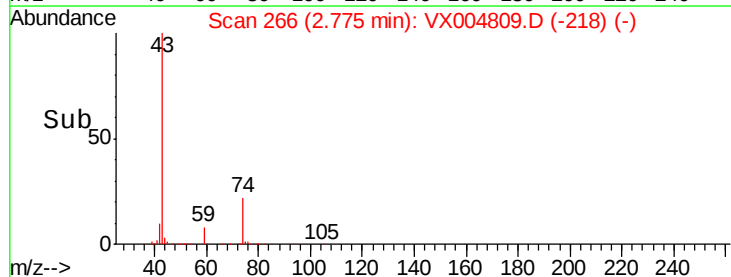
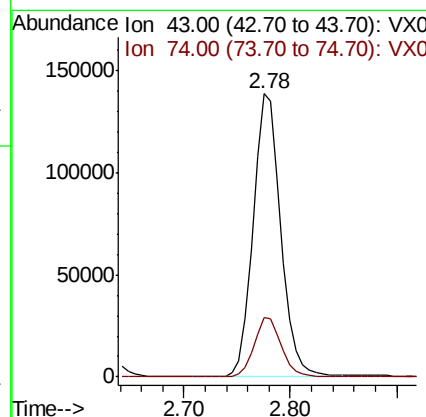
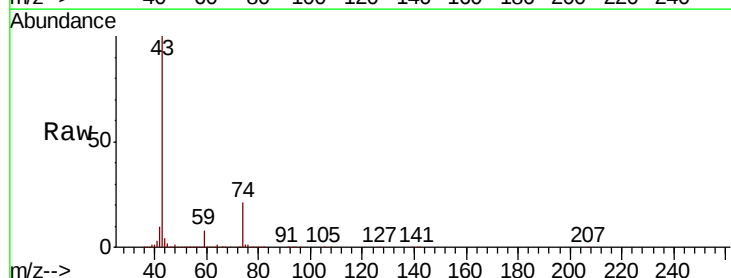
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

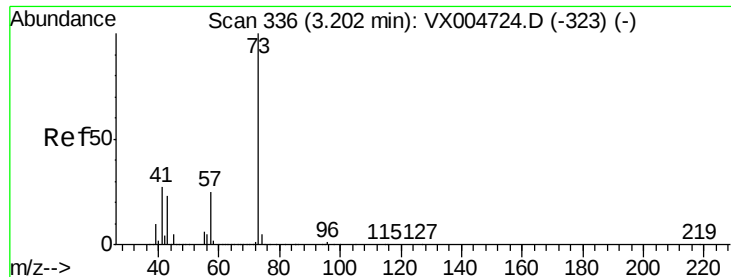
Tot Ion: 76 Resp: 363646
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 59.288 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion: 43 Resp: 251933
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2



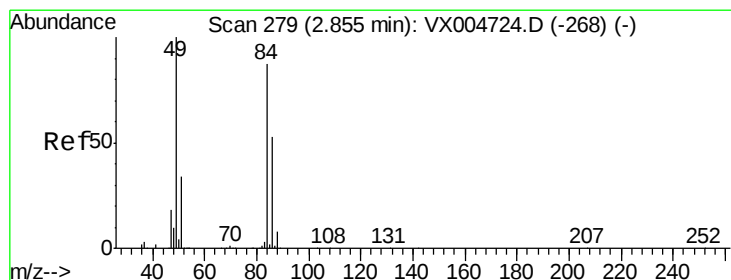
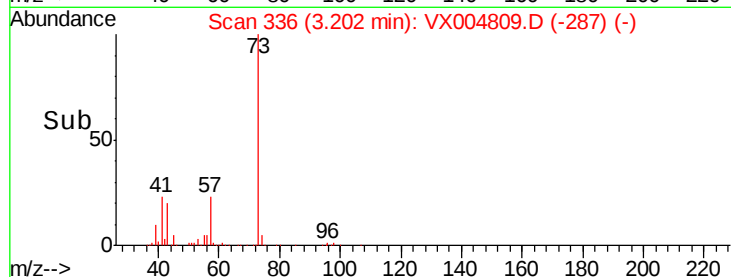
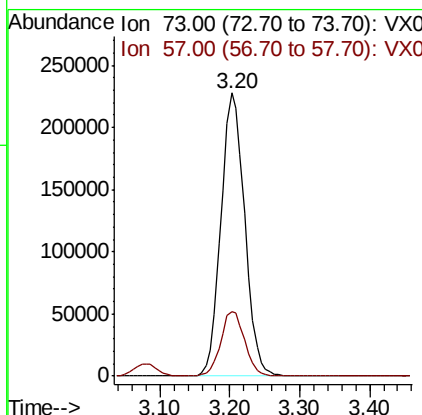
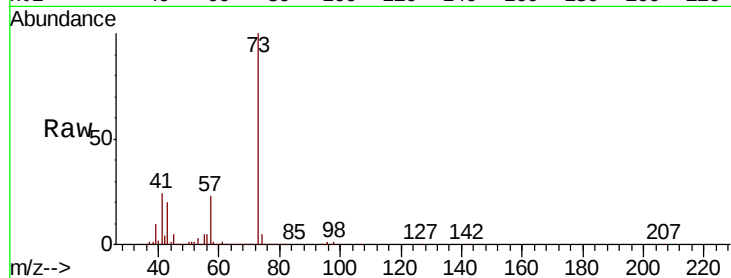


#19

Methyl tert-butyl Ether
 Concen: 71.581 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

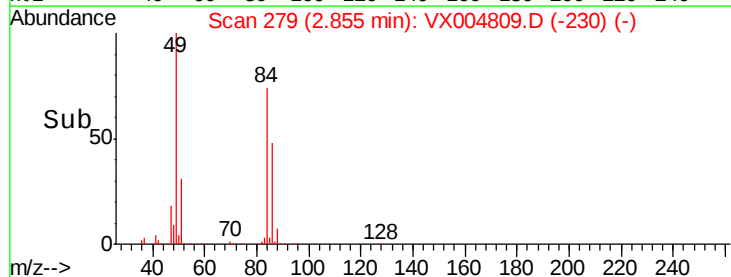
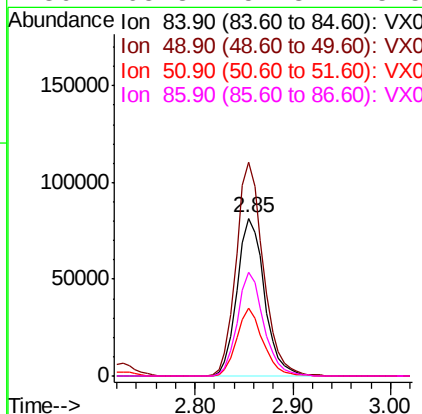
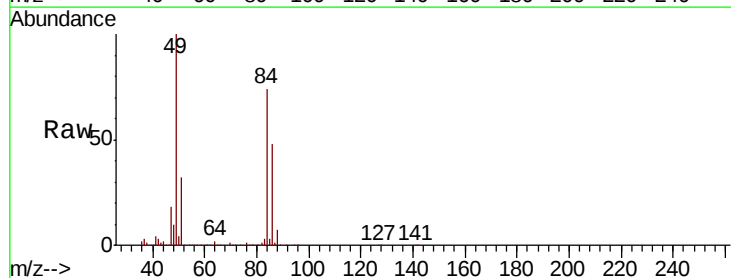
Tot Ion: 73 Resp: 538015
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.1 25.7

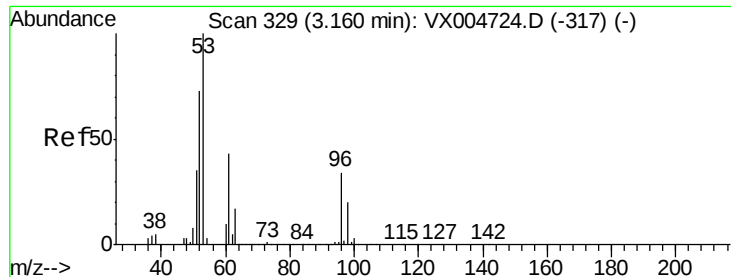


#20

Methylene Chloride
 Concen: 65.398 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion: 84 Resp: 158844
 Ion Ratio Lower Upper
 84 100
 49 135.1 101.2 151.8
 51 42.5 29.5 44.3
 86 65.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 56.537 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

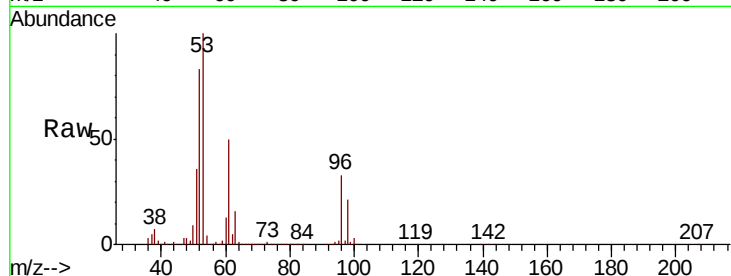
Tot Ion: 96 Resp: 134860

Ion Ratio Lower Upper

96 100

61 151.0 113.8 170.6

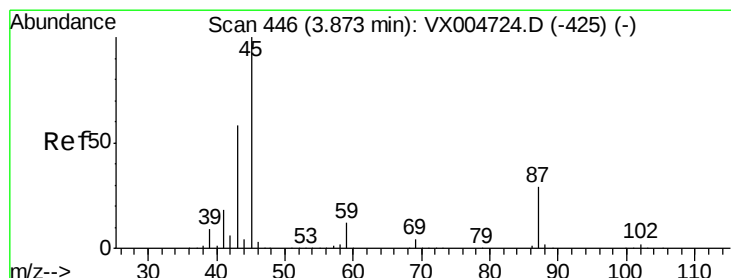
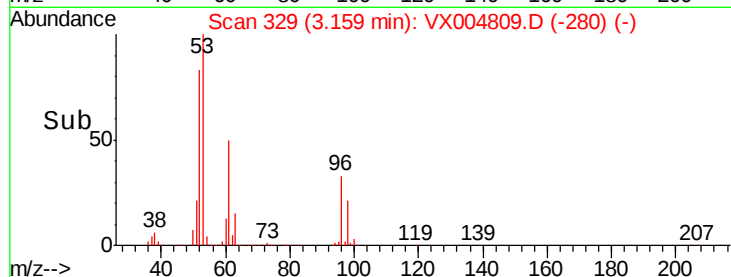
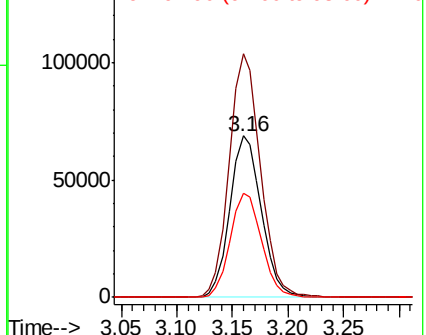
98 65.0 51.8 77.8



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



#22

Diisopropyl ether

Concen: 64.266 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Tgt Ion: 45 Resp: 514518

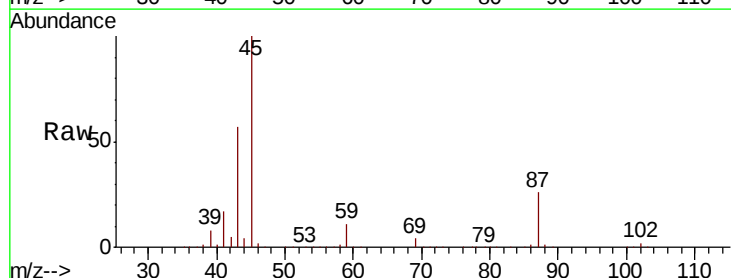
Ion Ratio Lower Upper

45 100

43 57.0 42.8 64.2

87 25.7 22.6 34.0

59 11.2 9.6 14.4

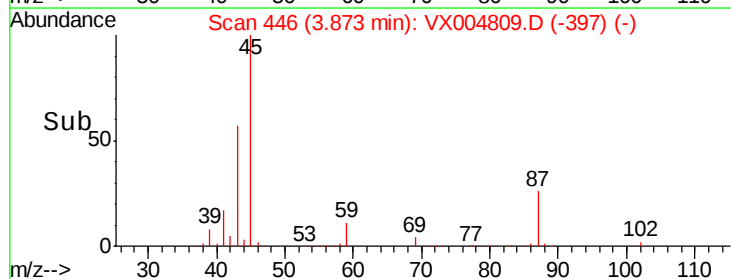
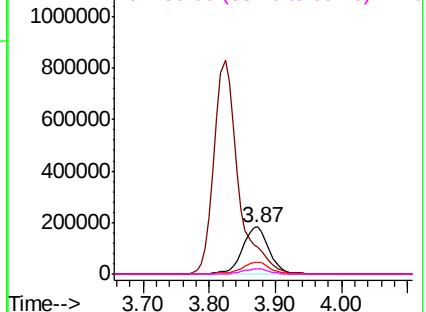


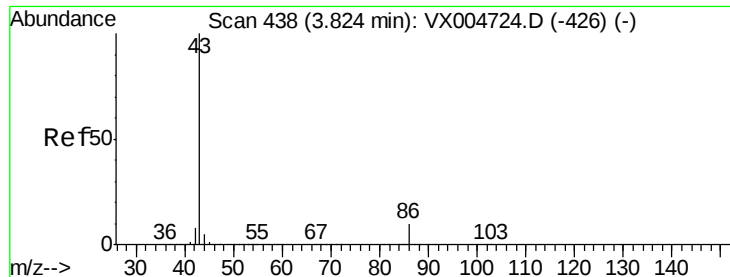
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 289.542 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

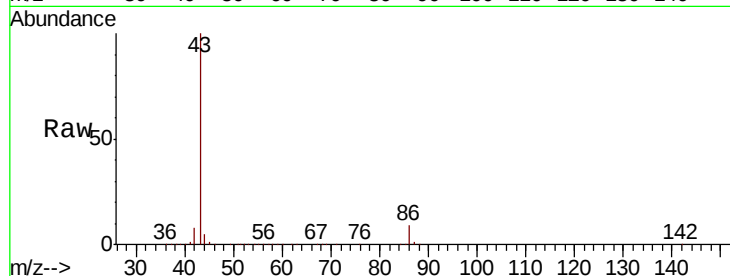
T3-MW-7-10.0-091918MSD

Tot Ion: 43 Resp: 2121882

Ion Ratio Lower Upper

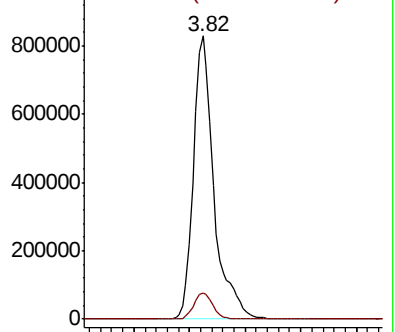
43 100

86 9.4 8.9 13.3

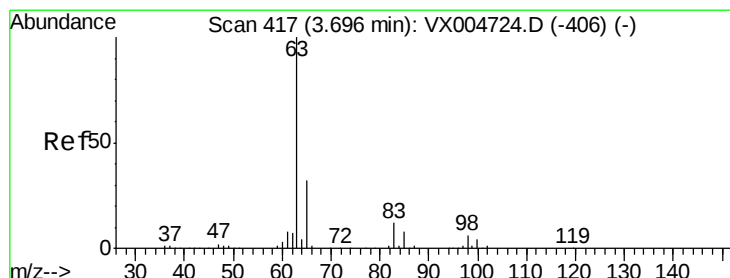
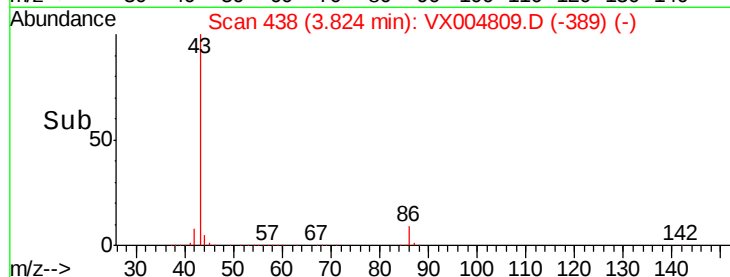


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 56.342 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

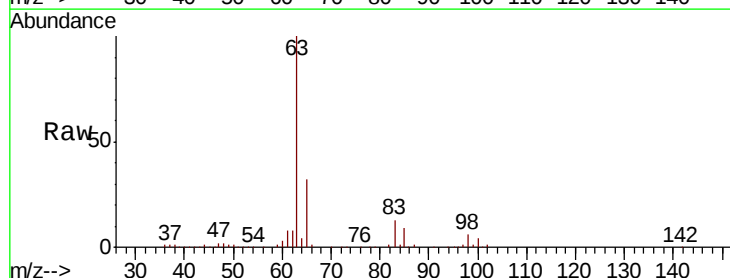
Tgt Ion: 63 Resp: 269073

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

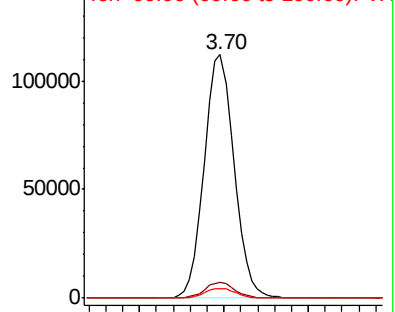
100 3.9 2.4 7.1



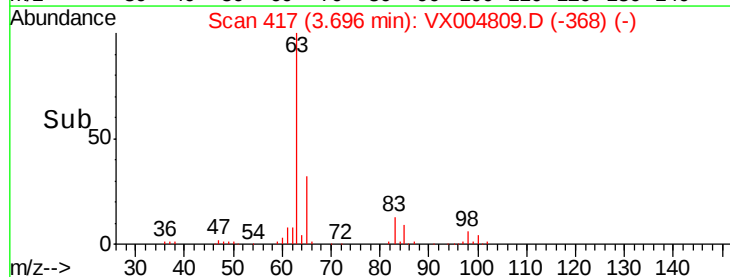
Abundance Ion 62.90 (62.60 to 63.60): VX0

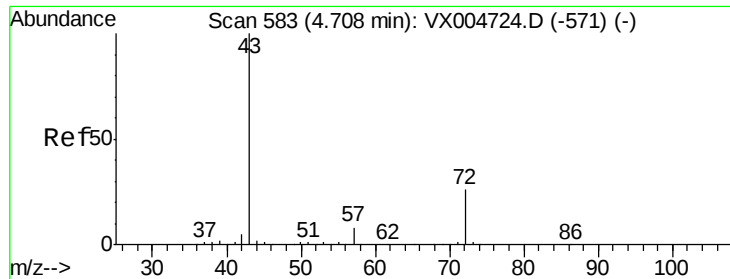
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 304.344 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

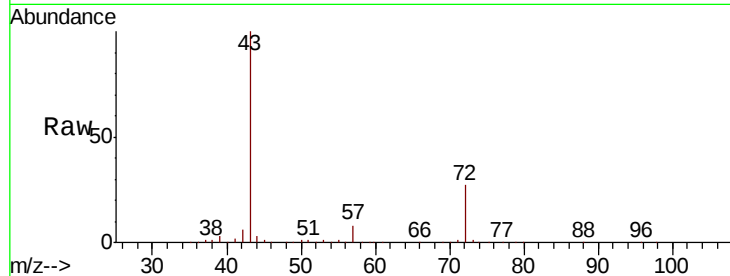
T3-MW-7-10.0-091918MSD

Tot Ion: 43 Resp: 752400

Ion Ratio Lower Upper

43 100

72 27.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX004809.D (-534) (-)

Ion 72.00 (71.70 to 72.70): VX004809.D (-534) (-)

250000

200000

150000

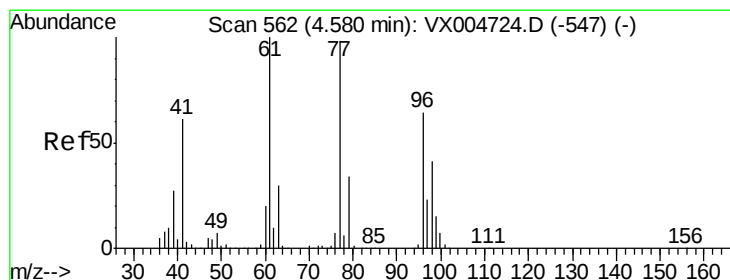
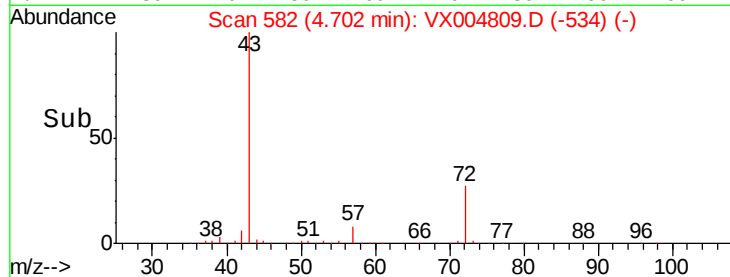
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 37.527 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004809.D

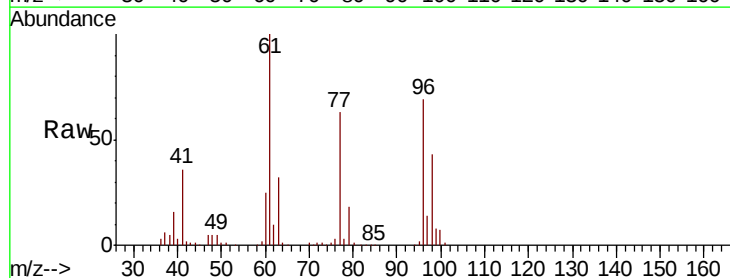
Acq: 28 Sep 2018 07:44

Tgt Ion: 77 Resp: 124798

Ion Ratio Lower Upper

77 100

97 24.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX004809.D (-513) (-)

Ion 96.90 (96.60 to 97.60): VX004809.D (-513) (-)

50000

40000

30000

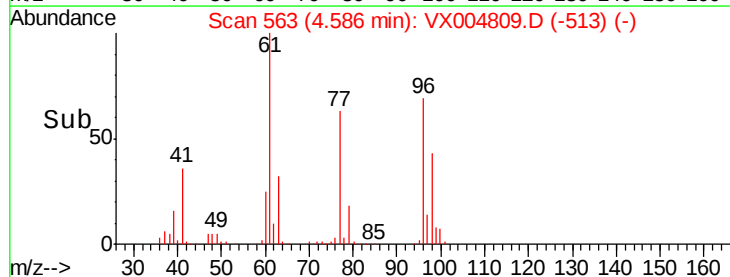
20000

10000

0

4.40 4.50 4.60 4.70

Time-->



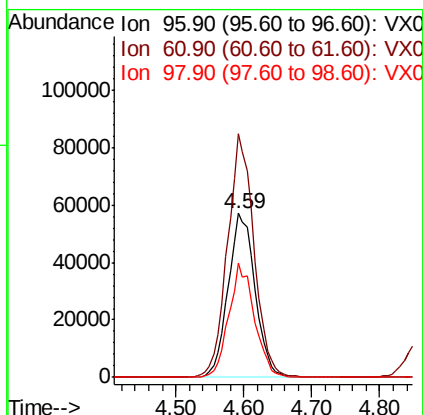
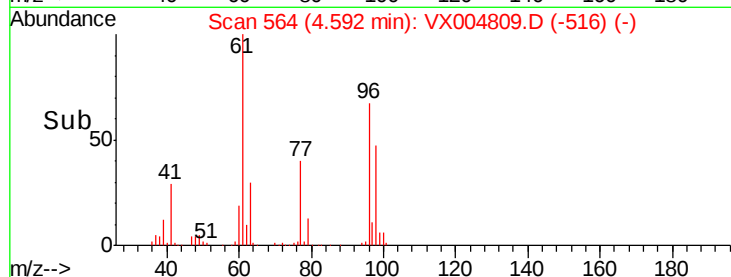
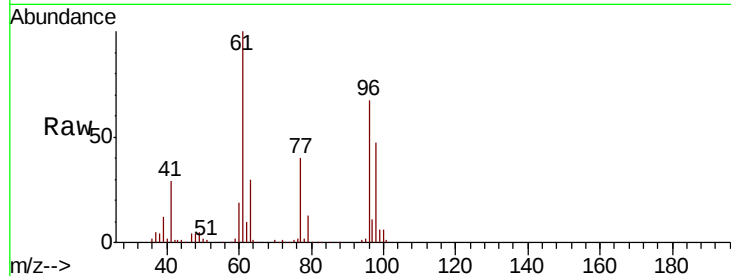


#27

cis-1,2-Dichloroethene
 Concen: 58.853 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

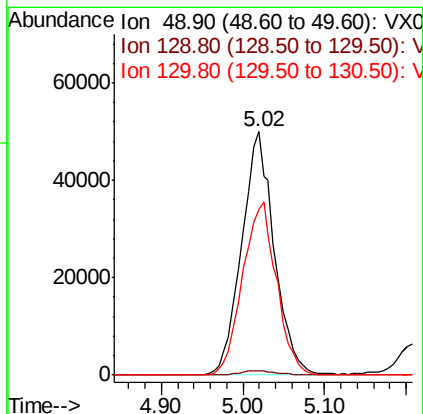
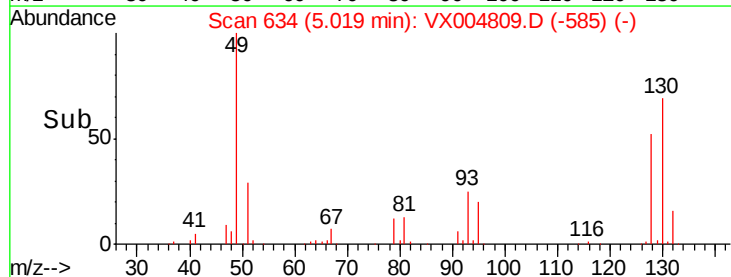
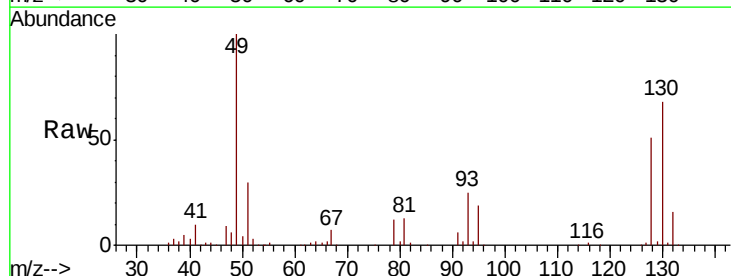
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	282.6
98	65.9	0.0	130.2

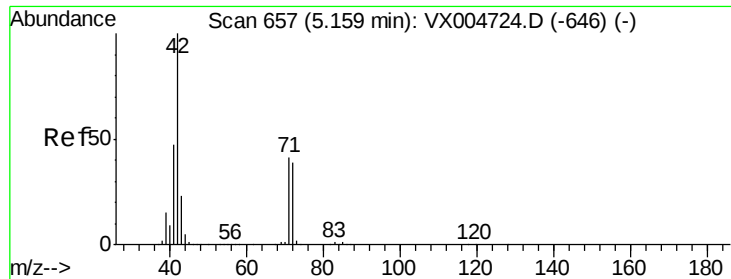


#28

Bromochloromethane
 Concen: 61.647 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	74.1	67.5	101.3

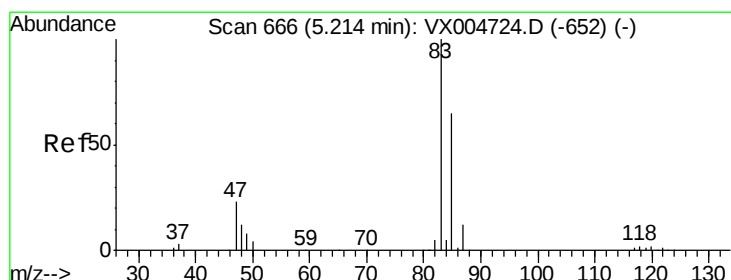
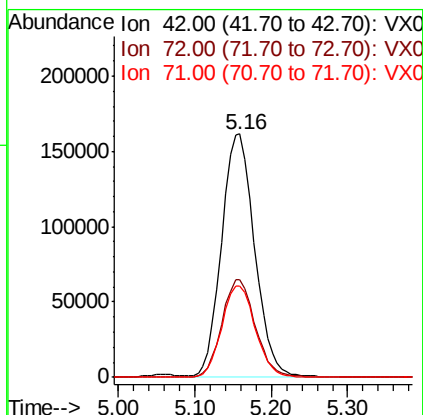
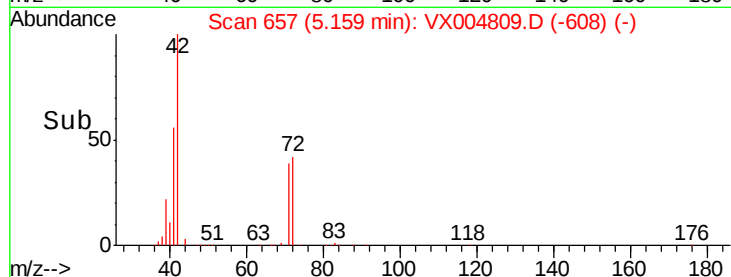
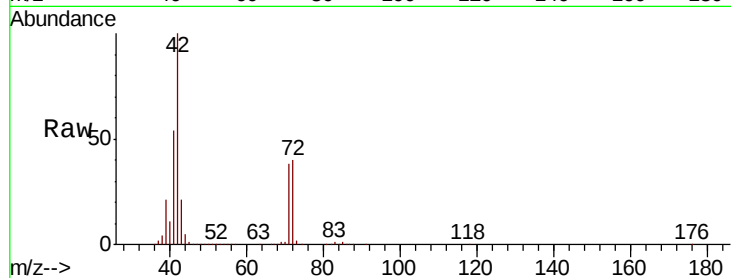




#29
Tetrahydrofuran
Concen: 314.462 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

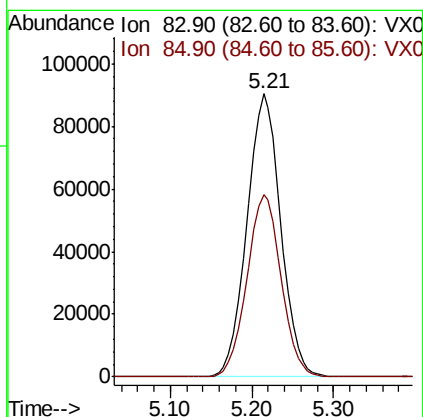
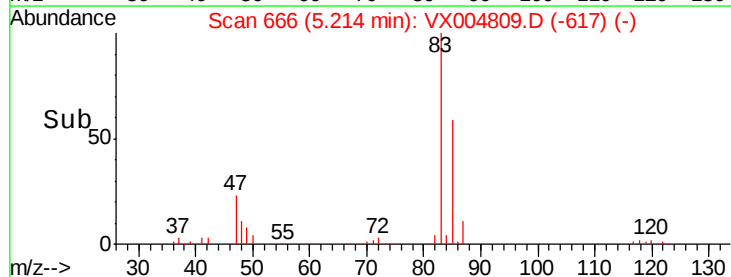
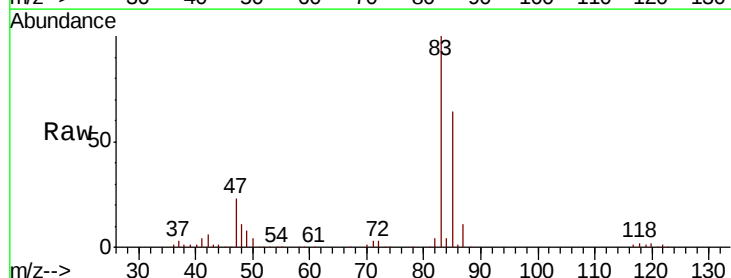
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

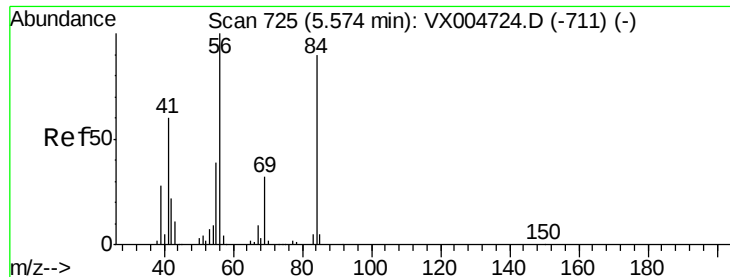
Tot Ion: 42 Resp: 483190
Ion Ratio Lower Upper
42 100
72 40.8 37.4 56.0
71 38.1 34.5 51.7



#30
Chloroform
Concen: 57.873 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion: 83 Resp: 261212
Ion Ratio Lower Upper
83 100
85 64.4 52.6 79.0

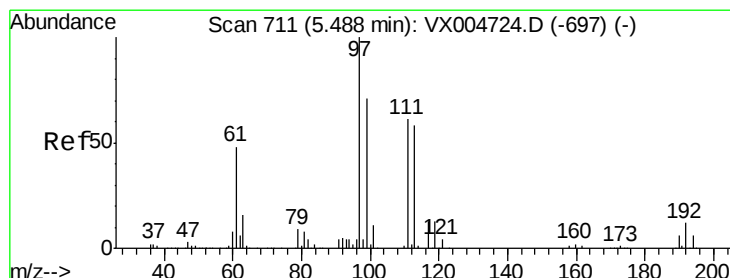
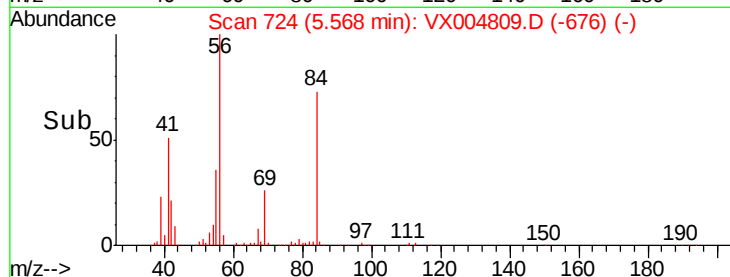
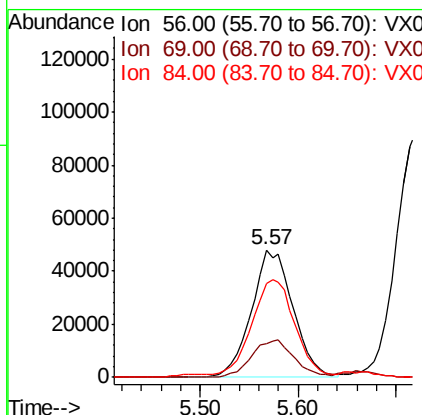
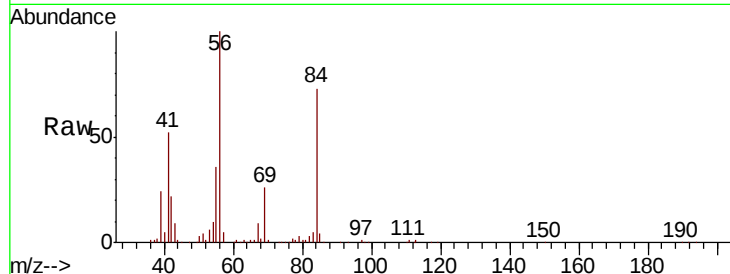




#31
Cyclohexane
Concen: 38.997 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

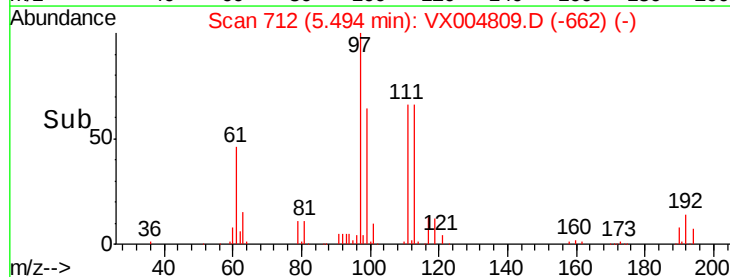
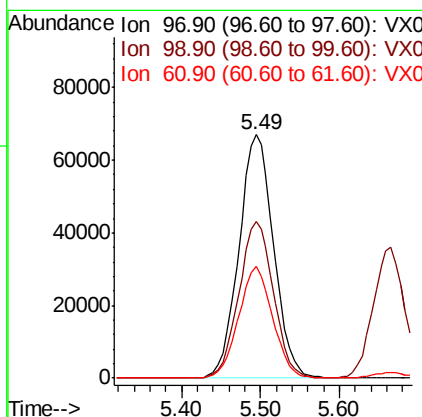
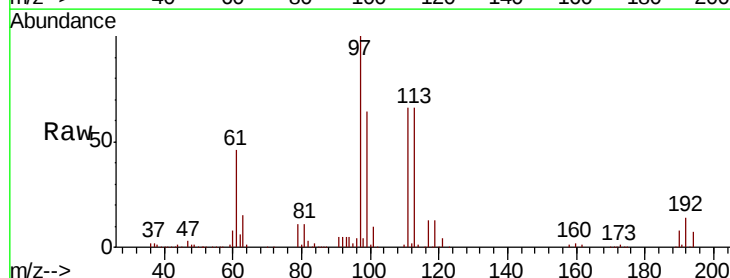
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

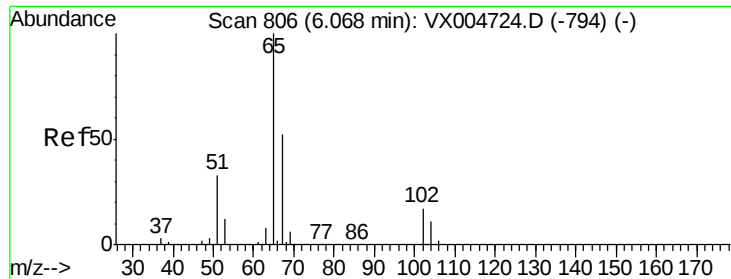
Tot Ion: 56 Resp: 142541
Ion Ratio Lower Upper
56 100
69 26.5 25.4 38.2
84 71.1 71.4 107.2#



#32
1,1,1-Trichloroethane
Concen: 55.396 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion: 97 Resp: 204195
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 45.1 34.9 52.3

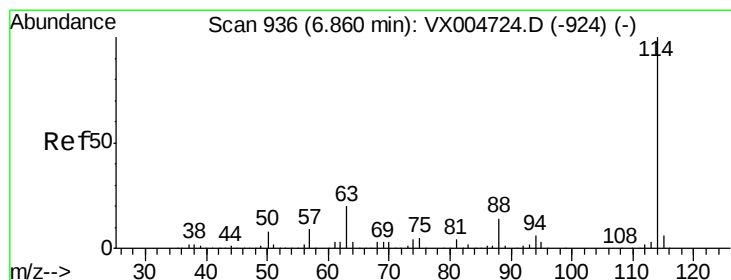
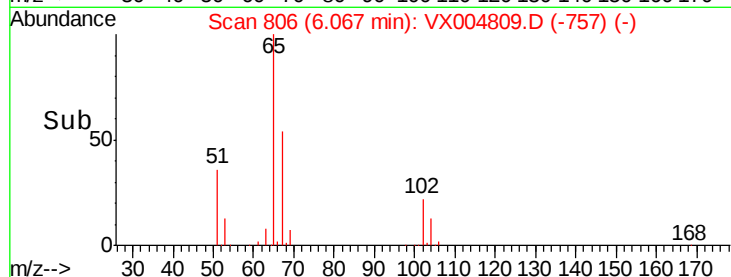
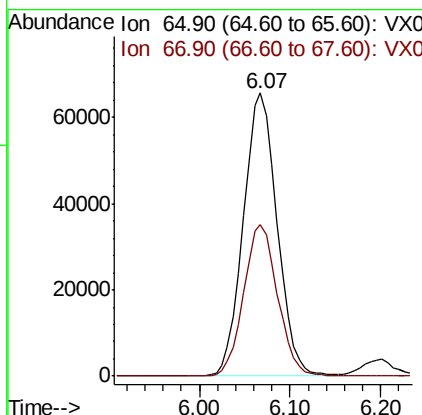
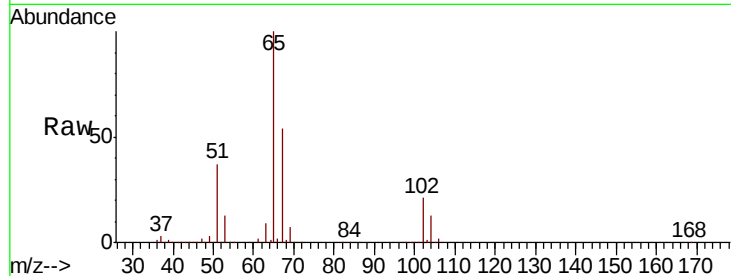




#33
 1,2-Dichloroethane-d4
 Concen: 58.998 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

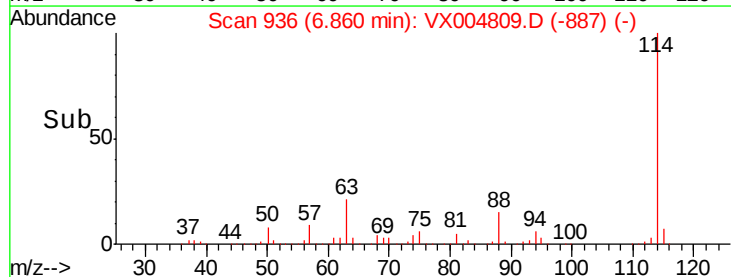
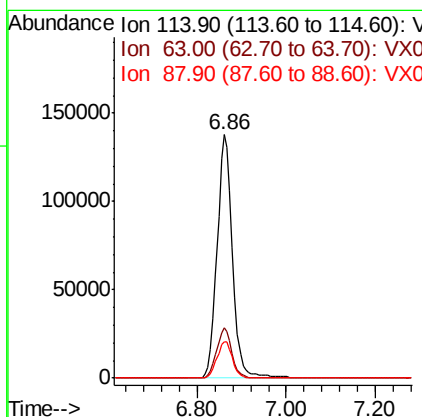
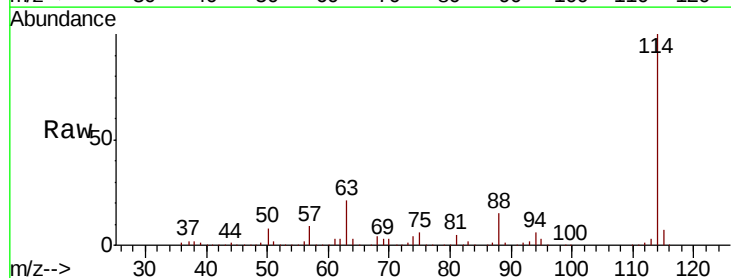
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

Tot Ion: 65 Resp: 169486
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion: 114 Resp: 330779
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 15.1 0.0 30.4

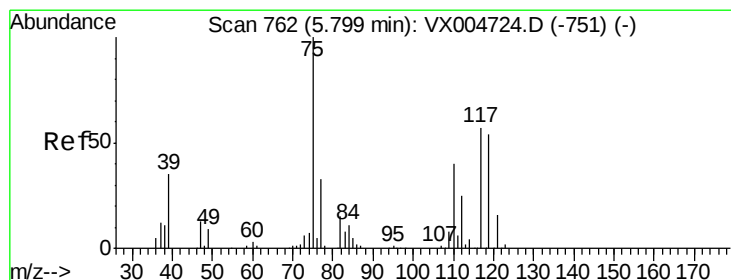
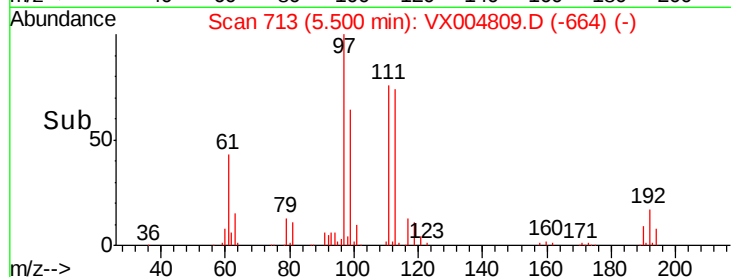
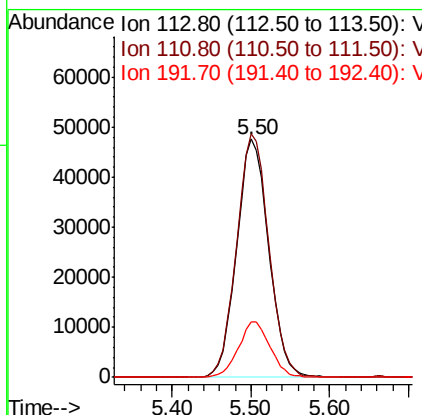
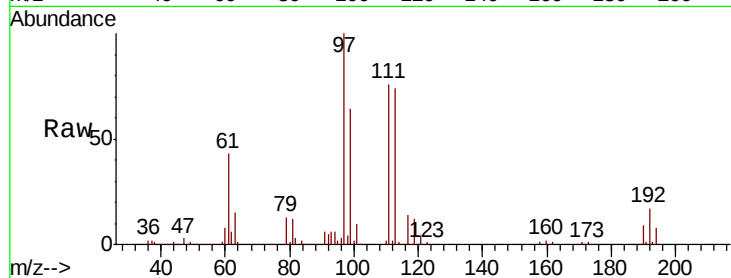




#35
 Dibromofluoromethane
 Concen: 48.077 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

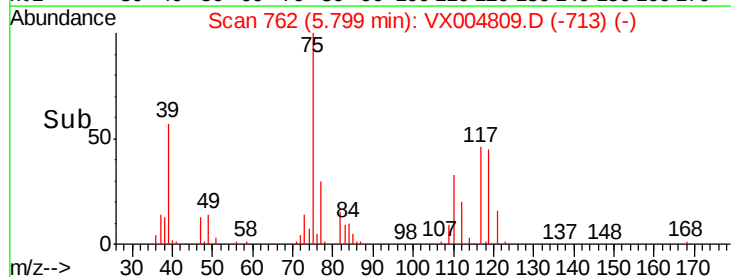
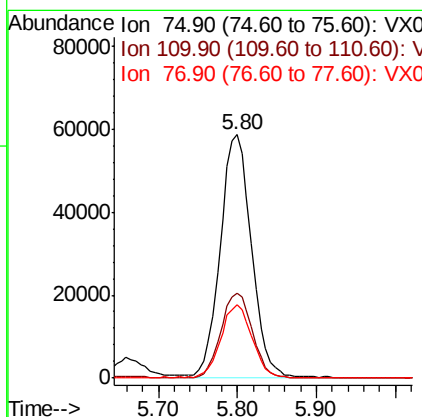
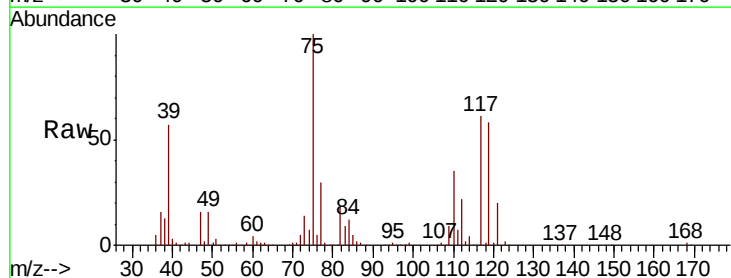
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

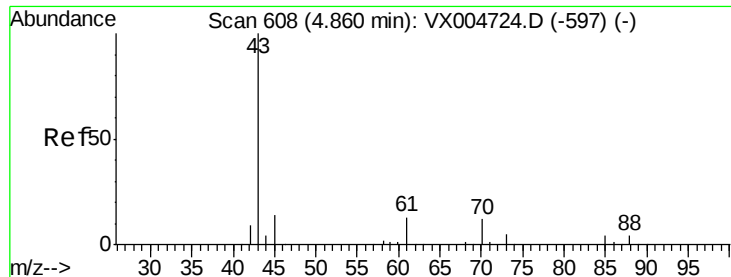
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	23.0	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 41.995 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.0	54.0
77	30.4	24.6	36.8





#37

Ethyl Acetate

Concen: 48.134 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

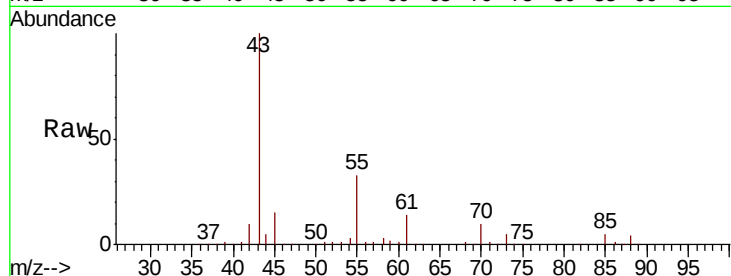
Tot Ion: 43 Resp: 244383

Ion Ratio Lower Upper

43 100

61 13.9 11.5 17.3

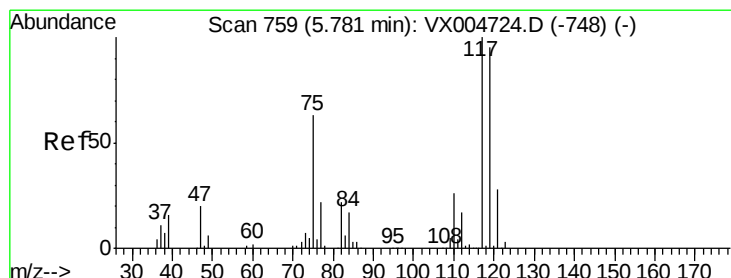
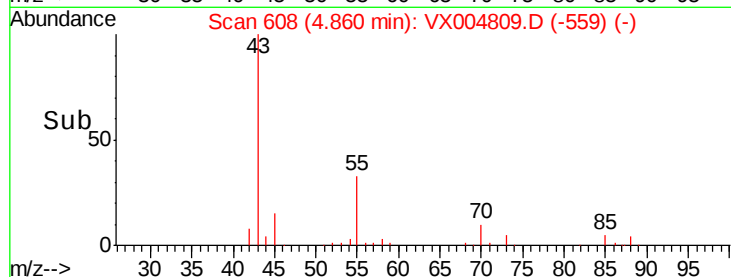
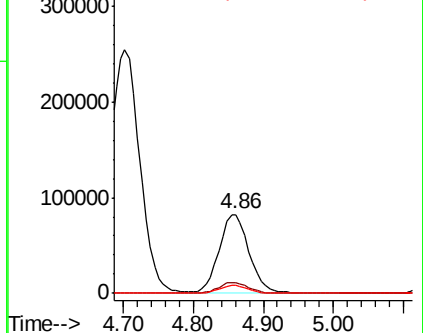
70 9.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 39.839 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

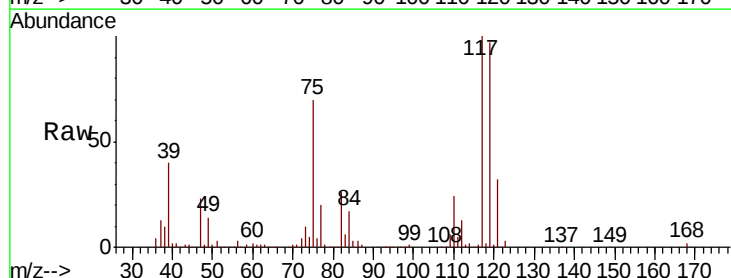
Tgt Ion: 117 Resp: 160179

Ion Ratio Lower Upper

117 100

119 97.4 78.8 118.2

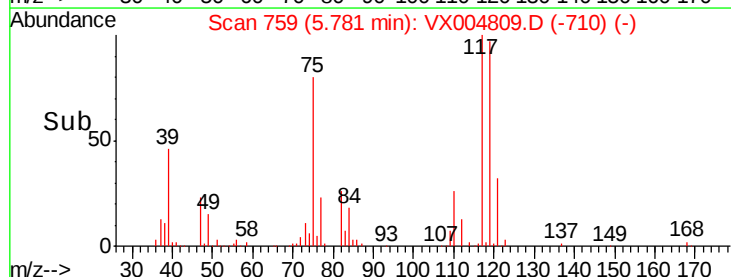
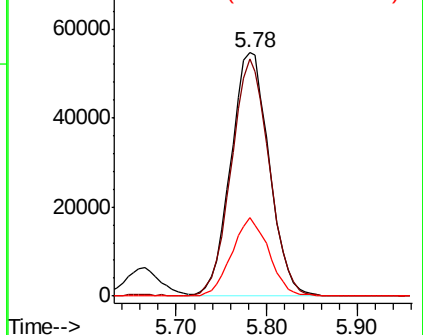
121 32.5 24.9 37.3

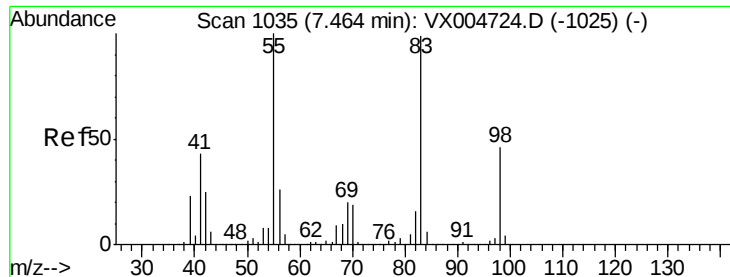


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

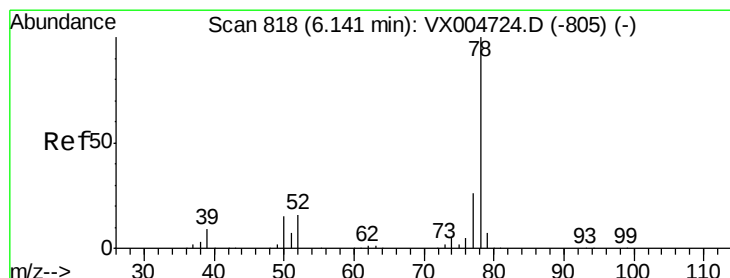
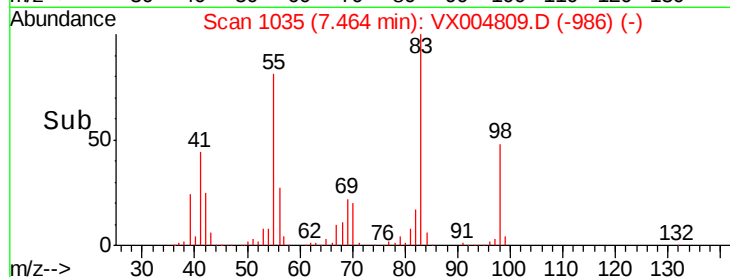
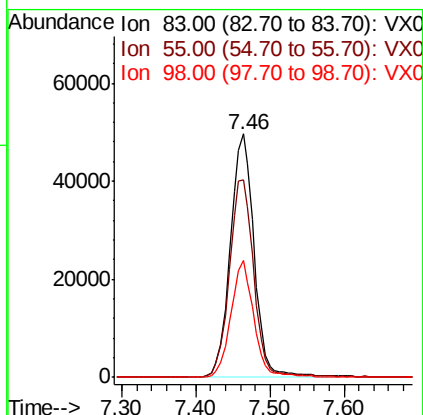
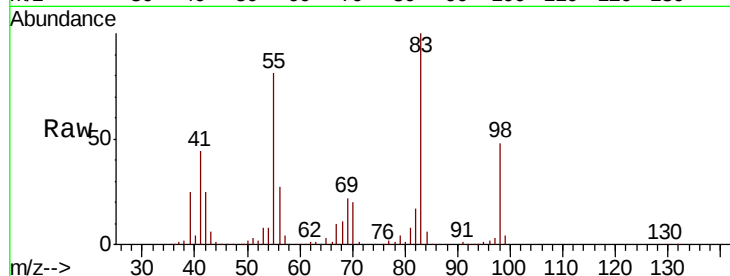




#39
Methvlcvclohexane
Concen: 28.530 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

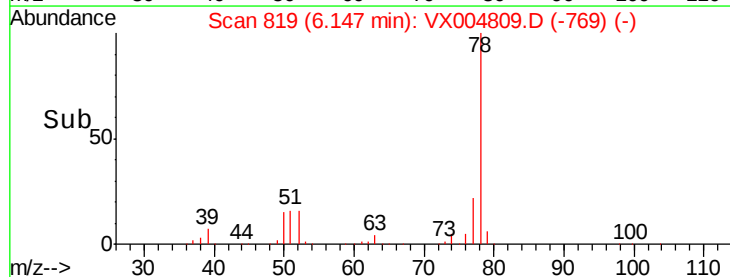
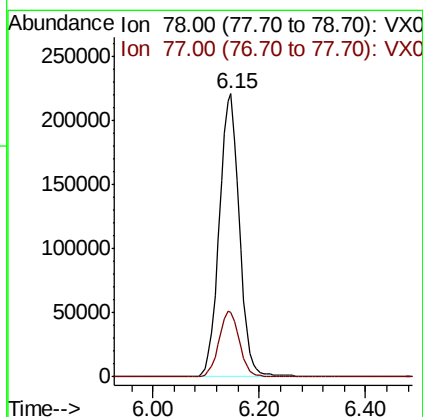
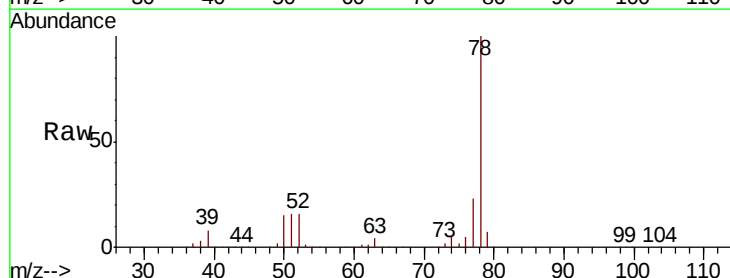
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

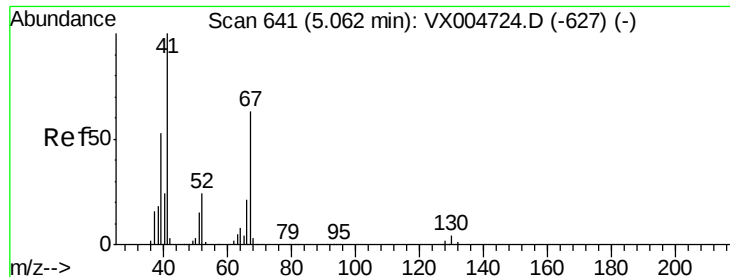
Tot Ion: 83 Resp: 111428
Ion Ratio Lower Upper
83 100
55 81.2 61.0 91.4
98 47.9 39.6 59.4



#40
Benzene
Concen: 48.916 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion: 78 Resp: 585745
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4

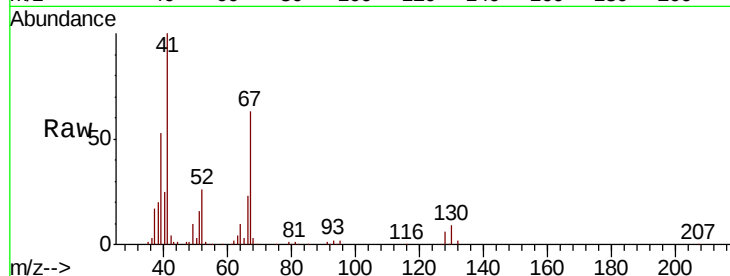




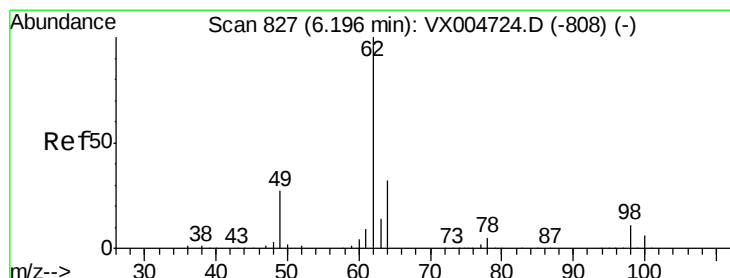
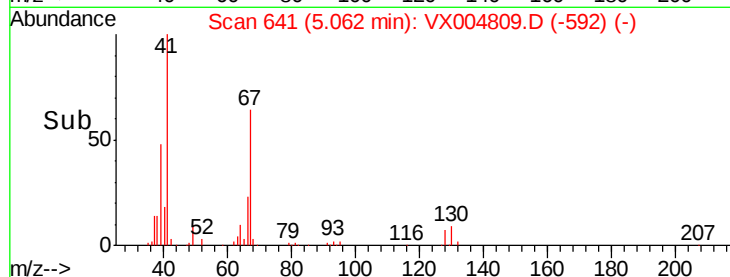
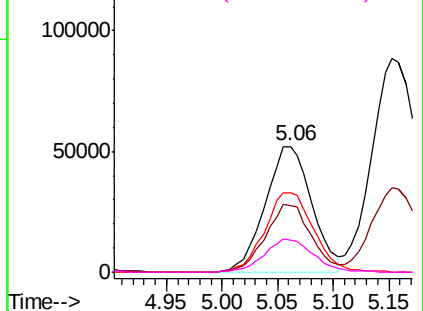
#41
Methacrylonitrile
Concen: 53.842 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion:	41	Resp:	151600
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.4	63.6
67	66.5	59.2	88.8
52	27.6	23.0	34.4

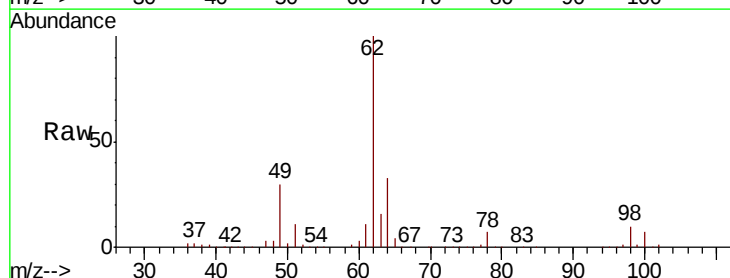


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

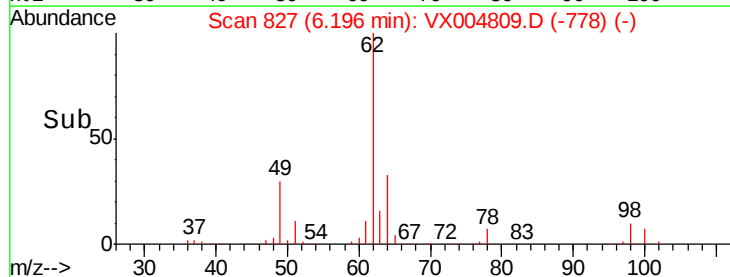
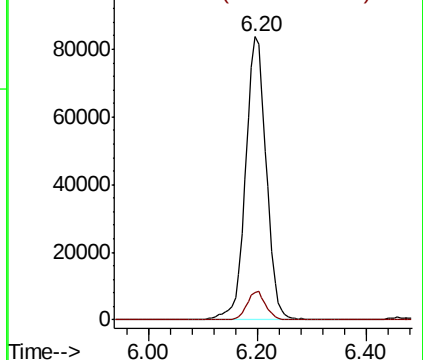


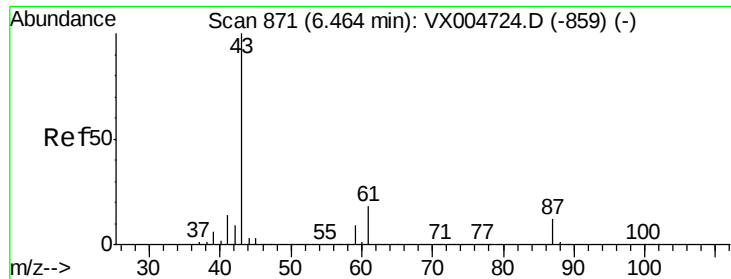
#42
1,2-Dichloroethane
Concen: 52.183 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion:	62	Resp:	220895
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.553 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

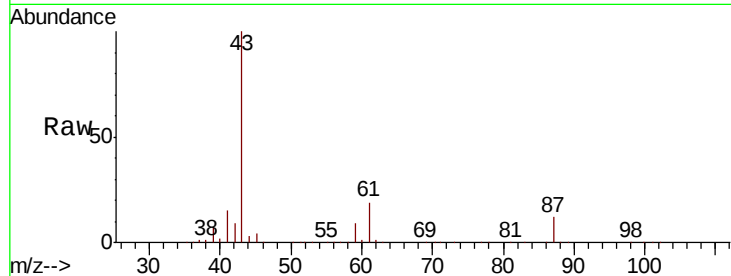
Tot Ion: 43 Resp: 385113

Ion Ratio Lower Upper

43 100

61 20.3 17.0 25.4

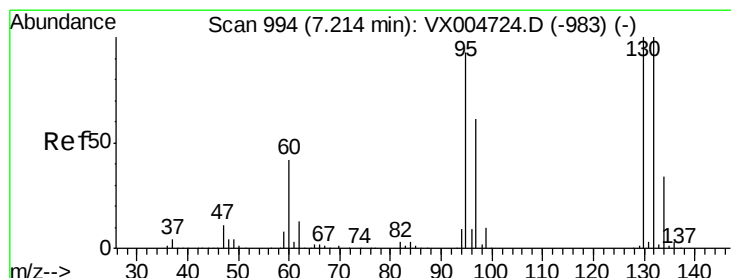
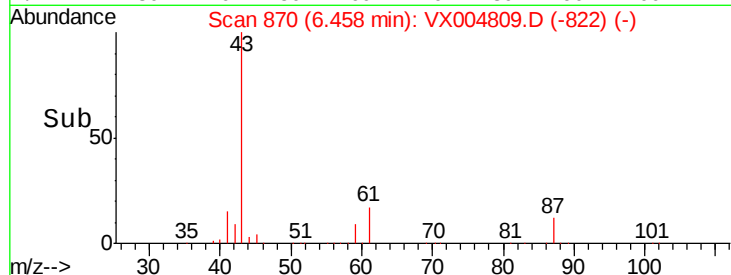
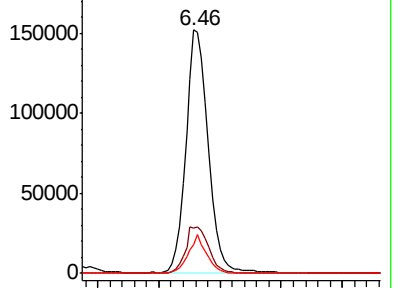
87 13.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX004724.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX004724.D (-859) (-)



#44

Trichloroethene

Concen: 47.107 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004809.D

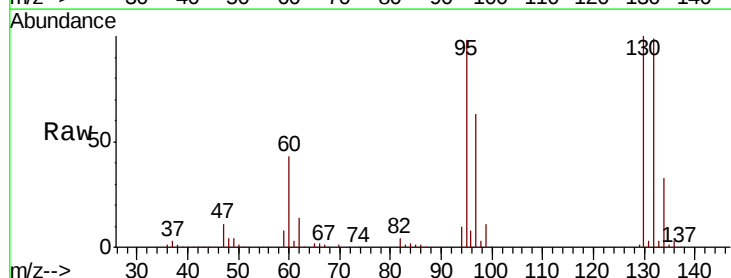
Acq: 28 Sep 2018 07:44

Tgt Ion:130 Resp: 138668

Ion Ratio Lower Upper

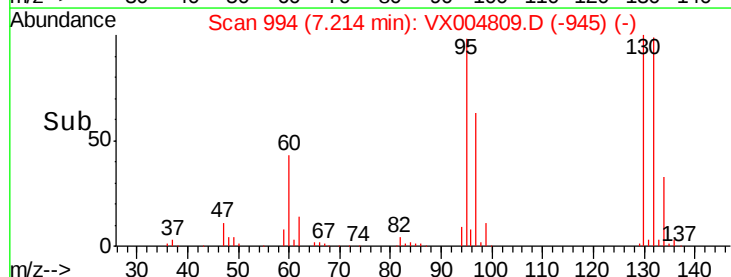
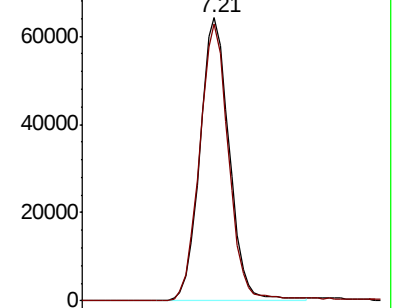
130 100

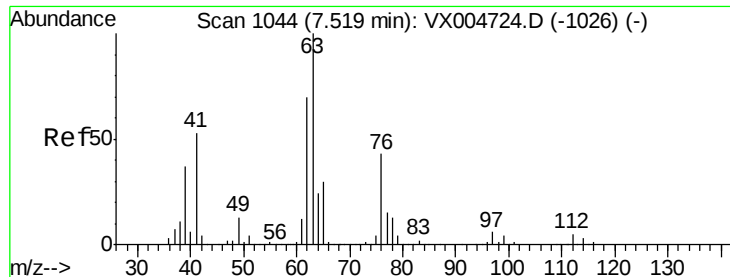
95 97.9 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VX004724.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX004724.D (-983) (-)





#45

1,2-Dichloropropane

Concen: 55.085 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

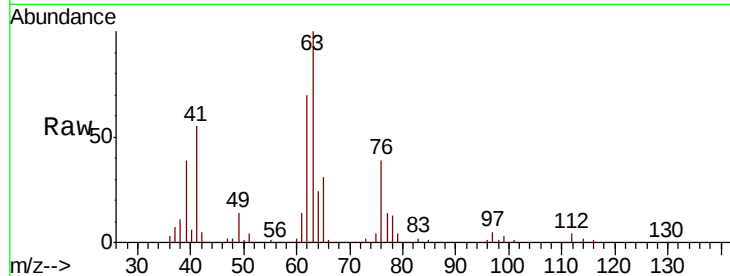
T3-MW-7-10.0-091918MSD

Tot Ion: 63 Resp: 161758

Ion Ratio Lower Upper

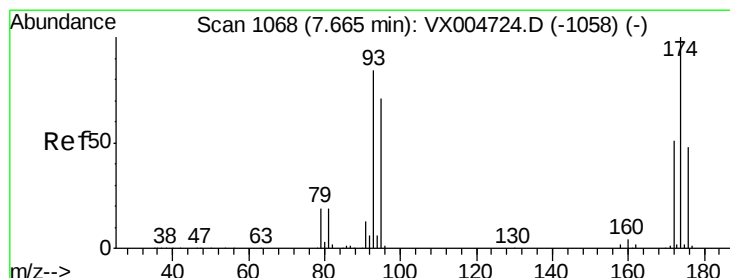
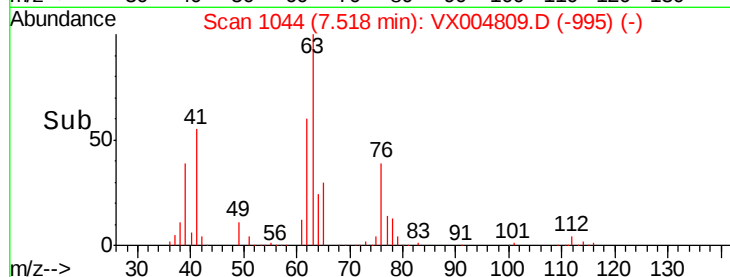
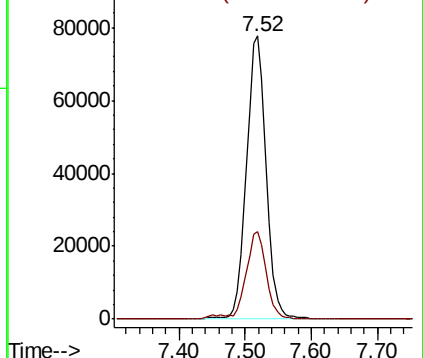
63 100

65 30.7 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 56.526 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

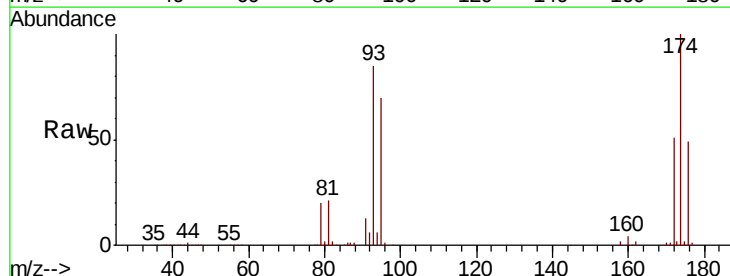
Tgt Ion: 93 Resp: 104318

Ion Ratio Lower Upper

93 100

95 82.8 65.5 98.3

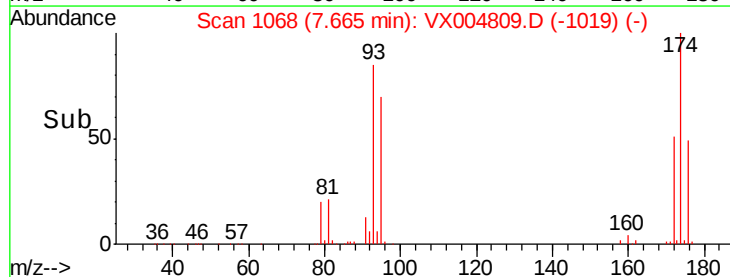
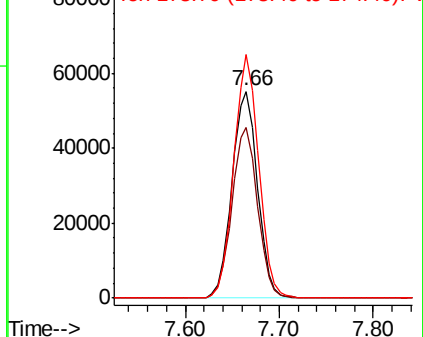
174 114.3 94.2 141.4

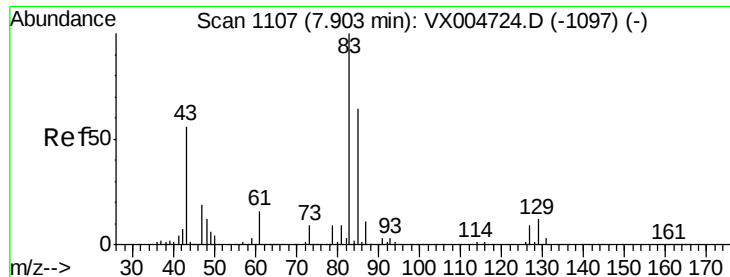


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 57.184 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

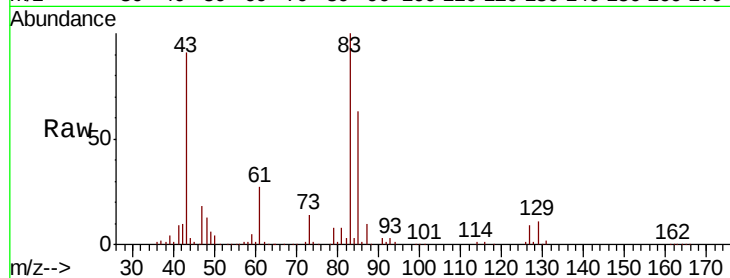
Tot Ion: 83 Resp: 197585

Ion Ratio Lower Upper

83 100

85 63.1 50.9 76.3

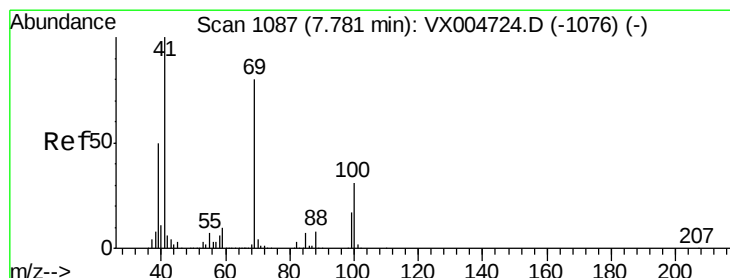
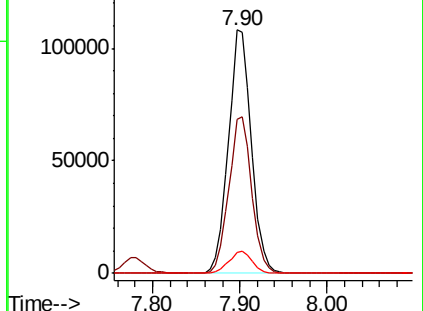
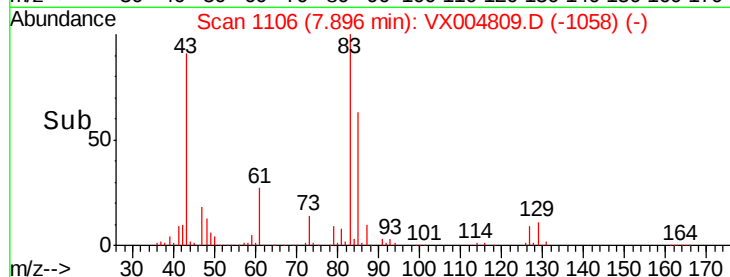
127 8.6 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 63.487 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

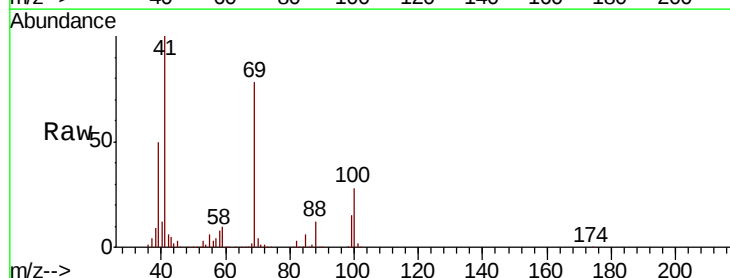
Tgt Ion: 41 Resp: 211166

Ion Ratio Lower Upper

41 100

69 79.3 70.2 105.4

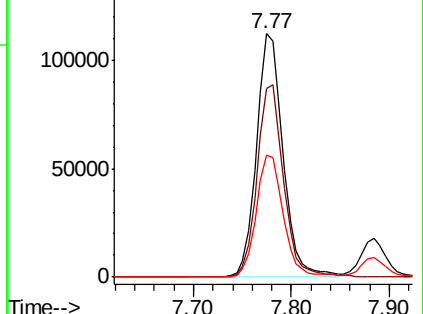
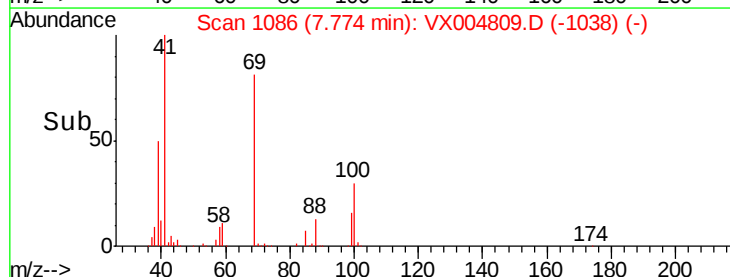
39 51.2 42.7 64.1

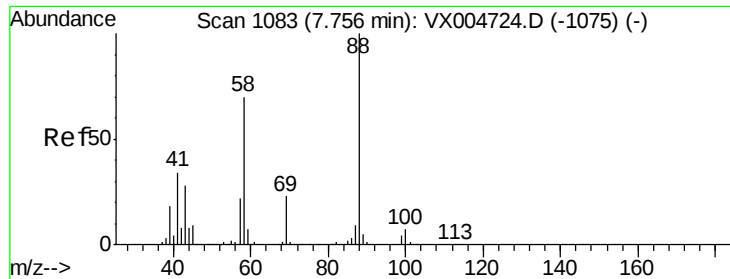


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

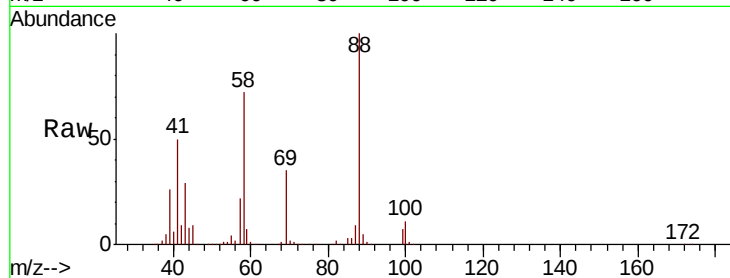




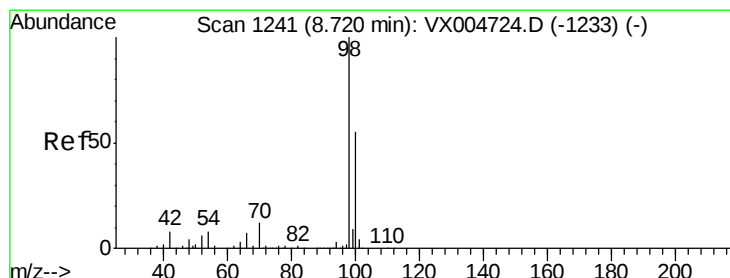
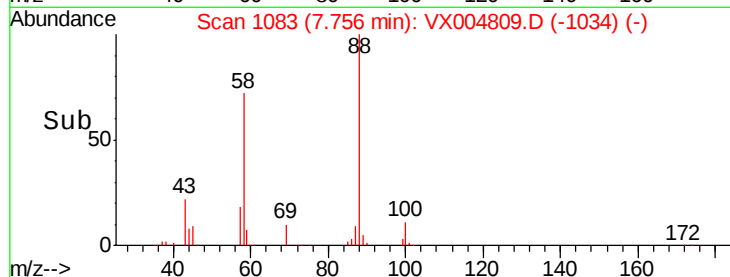
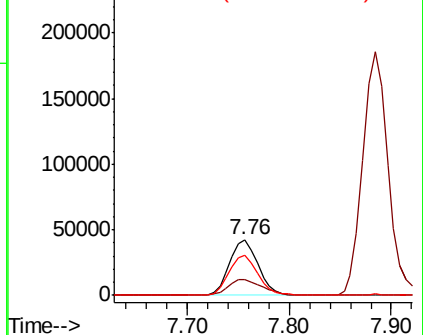
#49
1,4-Dioxane
Concen: 987.626 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion: 88 Resp: 81611
Ion Ratio Lower Upper
88 100
43 34.1 24.7 37.1
58 74.1 55.3 82.9

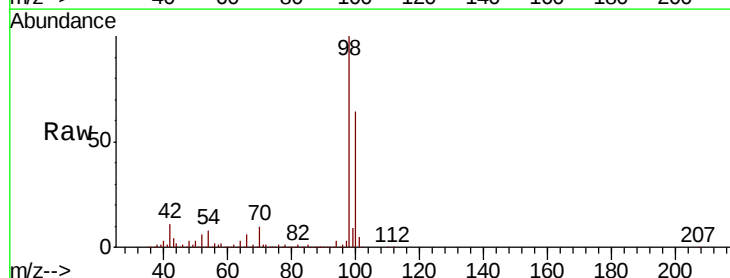


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

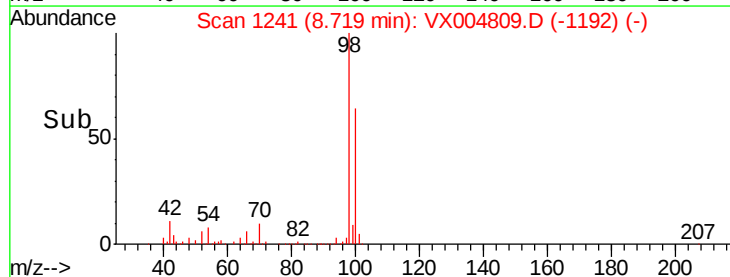
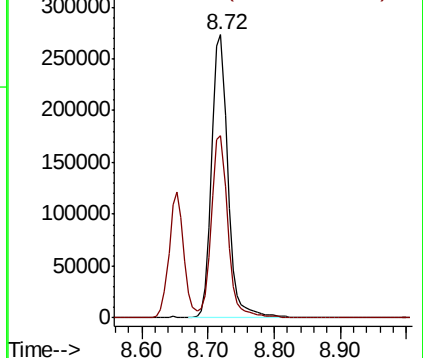


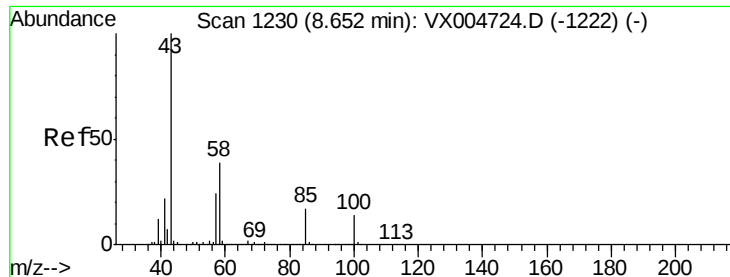
#50
Toluene-d8
Concen: 49.877 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion: 98 Resp: 464851
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



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

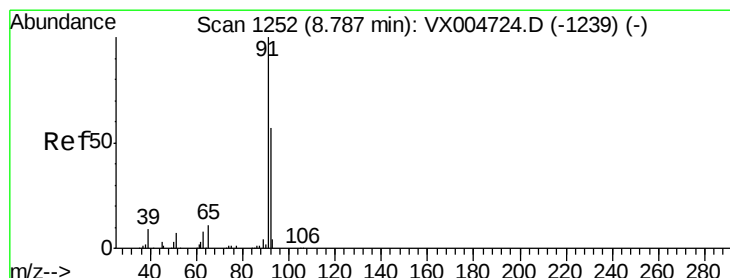
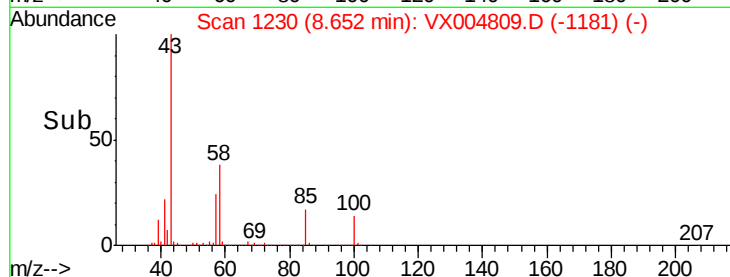
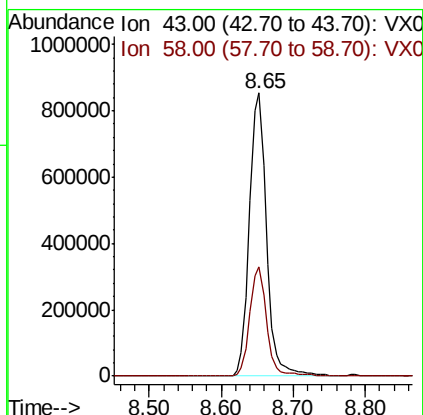
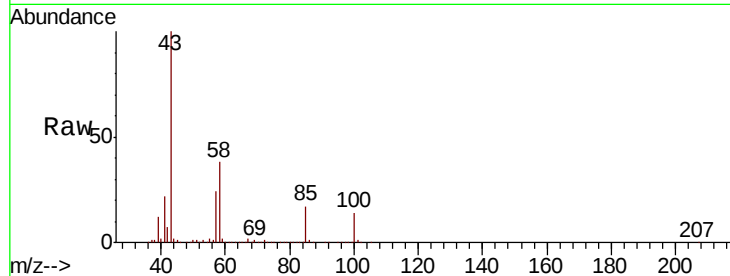




#51
4-Methyl-2-Pentanone
Concen: 306.000 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

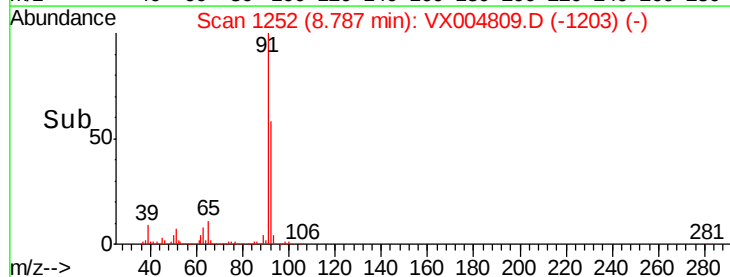
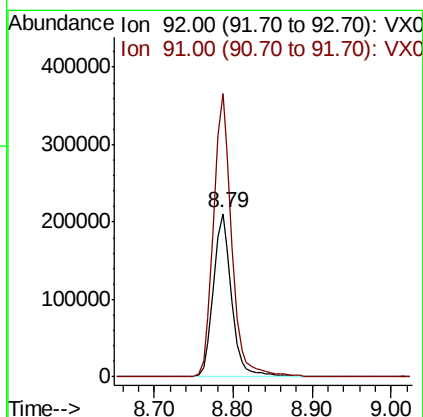
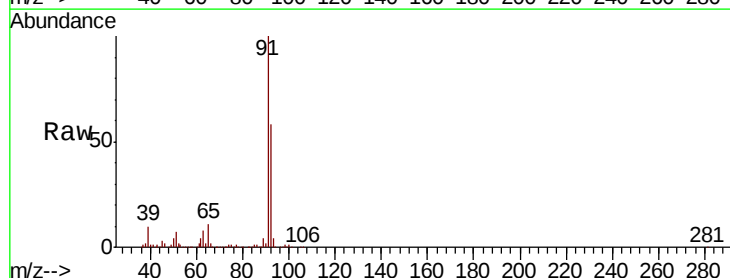
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion: 43 Resp: 1411914
Ion Ratio Lower Upper
43 100
58 38.4 33.1 49.7



#52
Toluene
Concen: 51.849 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion: 92 Resp: 341155
Ion Ratio Lower Upper
92 100
91 174.1 136.4 204.6

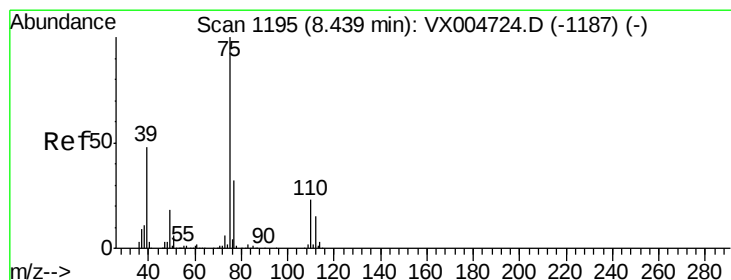
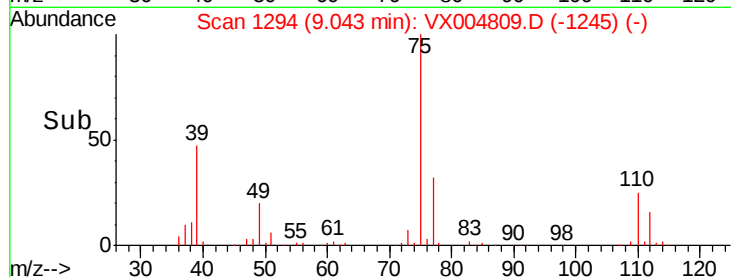
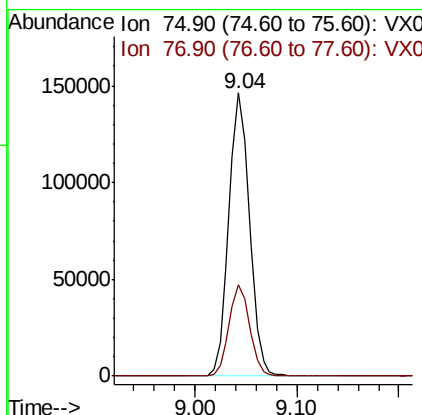
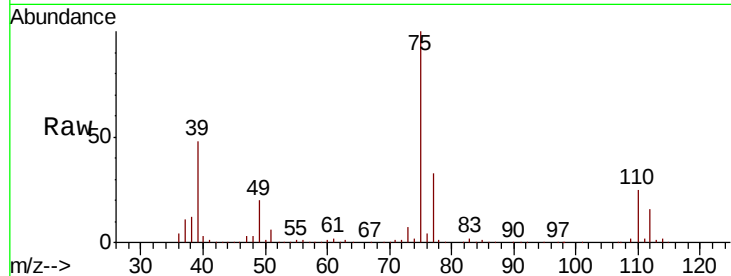




#53
t-1,3-Dichloropropene
Concen: 52.817 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

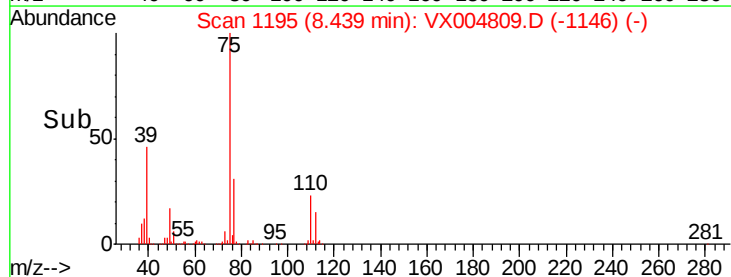
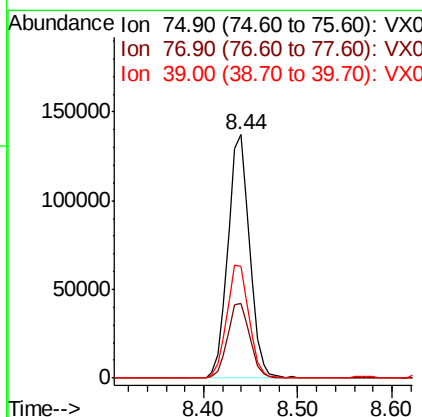
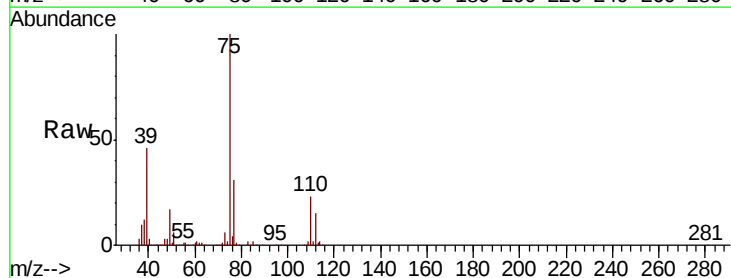
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion: 75 Resp: 206229
Ion Ratio Lower Upper
75 100
77 32.5 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 53.638 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion: 75 Resp: 219365
Ion Ratio Lower Upper
75 100
77 30.8 26.2 39.2
39 45.8 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 54.365 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion: 97 Resp: 156690

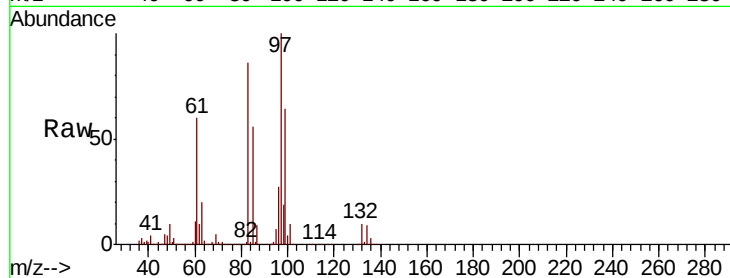
Ion Ratio Lower Upper

97 100

83 86.0 66.4 99.6

85 55.7 43.3 64.9

99 64.4 49.0 73.4

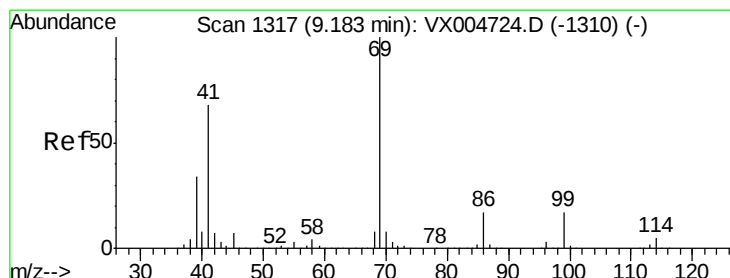
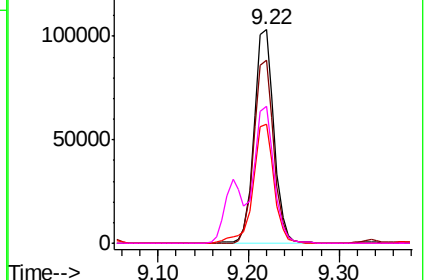
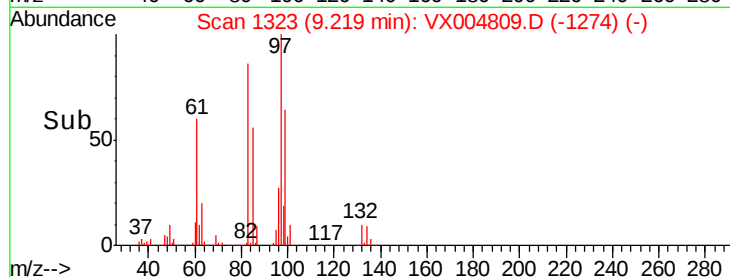


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.467 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

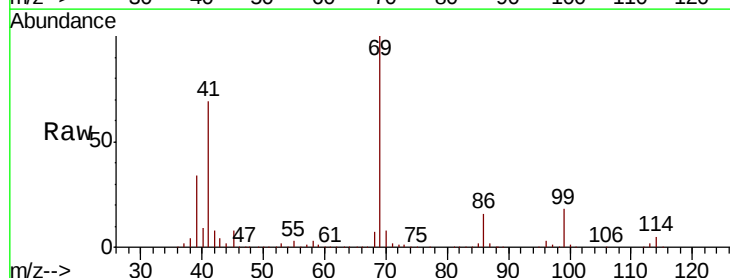
Tgt Ion: 69 Resp: 251050

Ion Ratio Lower Upper

69 100

41 70.1 51.0 76.4

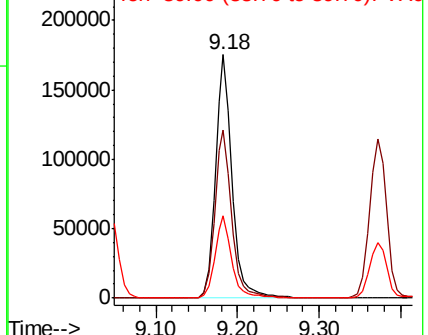
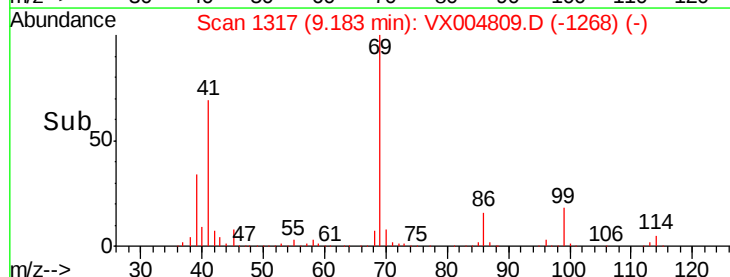
39 33.9 26.1 39.1

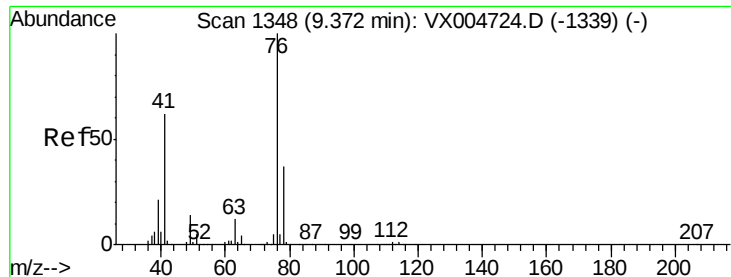


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 55.045 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

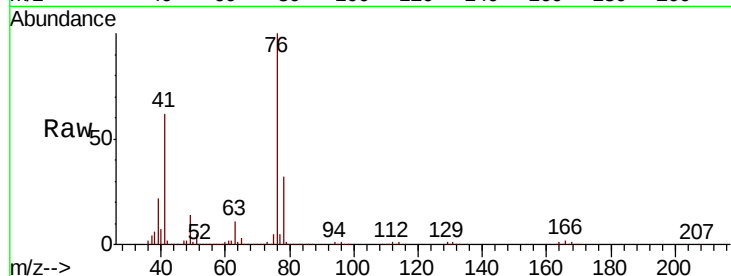
T3-MW-7-10.0-091918MSD

Tot Ion: 76 Resp: 264044

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

150000

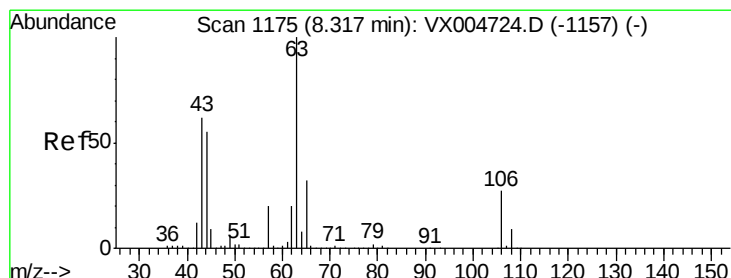
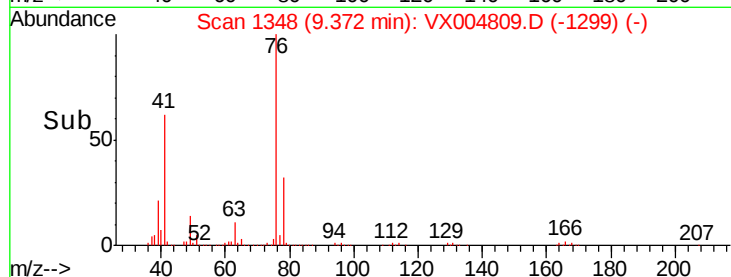
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 15.170 ug/l

RT: 8.27 min Scan# 1168

Delta R.T. -0.04 min

Lab File: VX004809.D

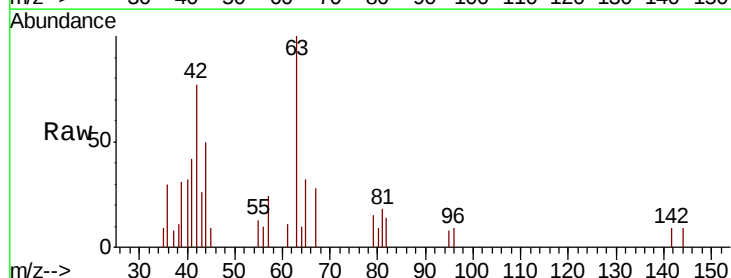
Acq: 28 Sep 2018 07:44

Tgt Ion: 63 Resp: 2444

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.27

1000

800

600

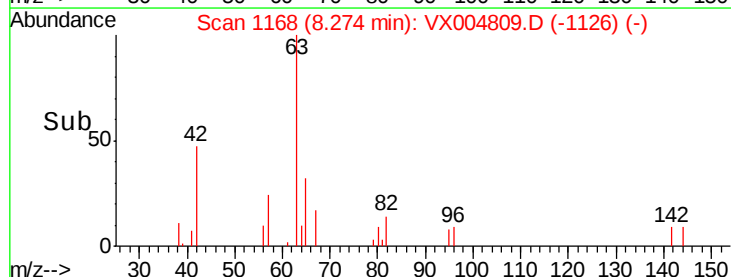
400

200

0

8.20 8.30 8.40

Time-->

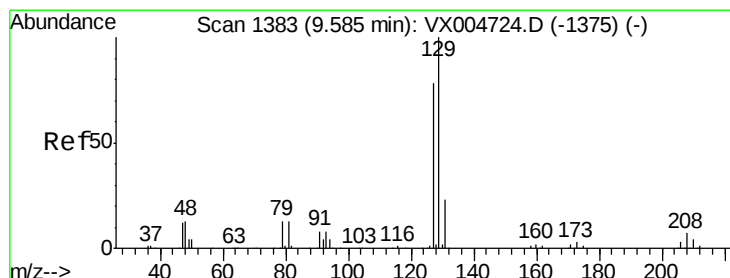
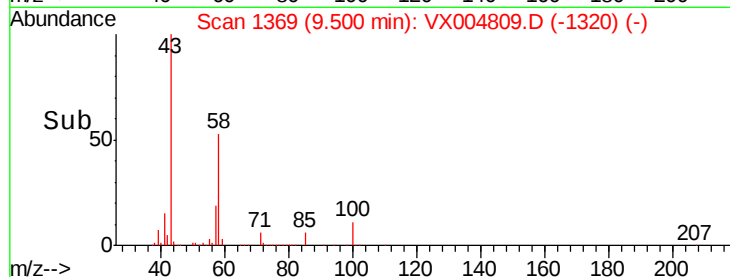
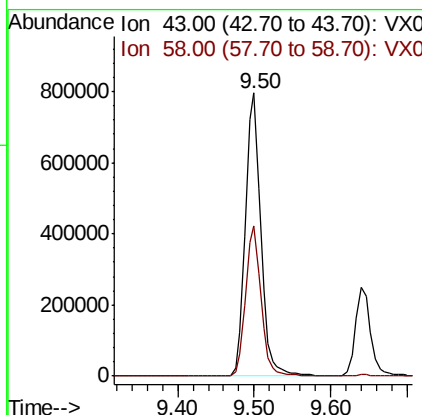
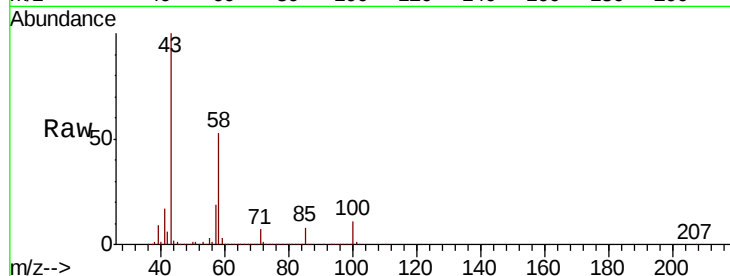




#59
2-Hexanone
Concen: 290.683 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

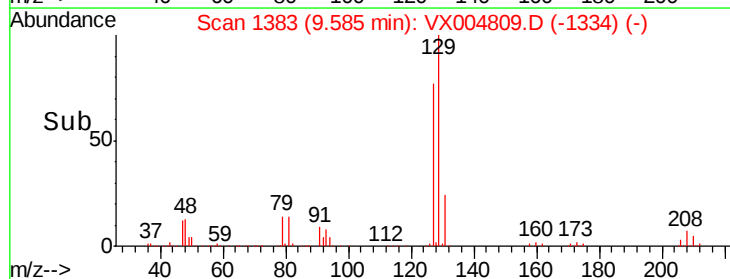
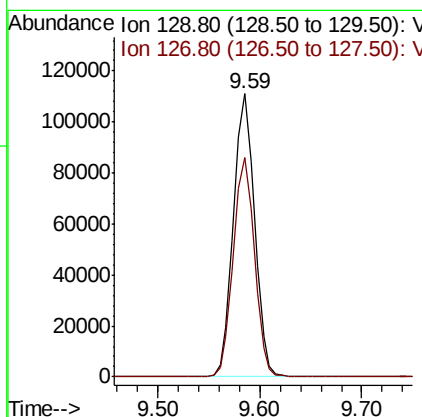
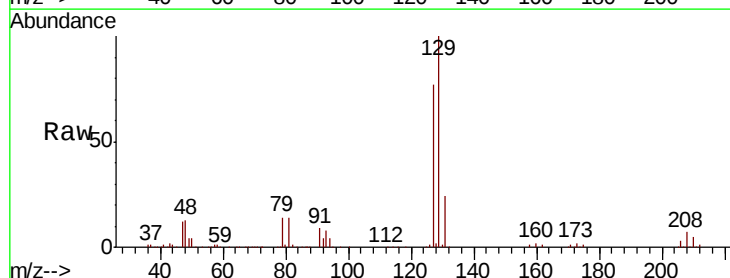
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

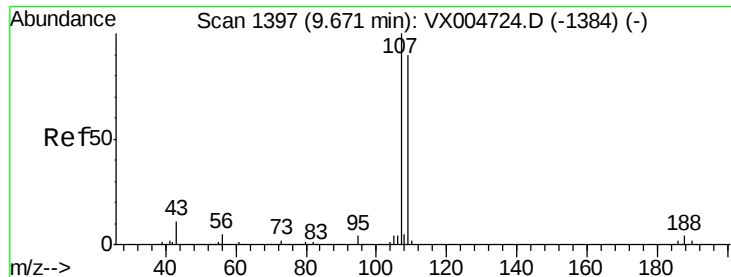
Tot Ion: 43 Resp: 1117681
Ion Ratio Lower Upper
43 100
58 53.0 29.0 87.0



#60
Dibromochloromethane
Concen: 54.994 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion: 129 Resp: 158515
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.567 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

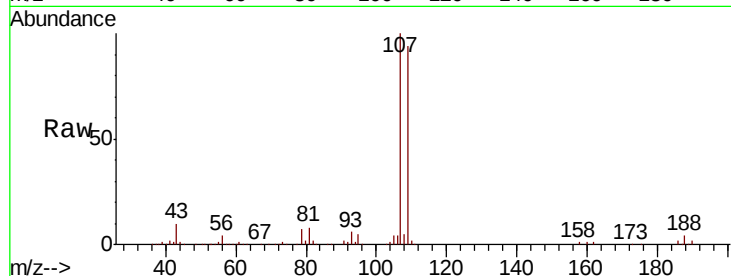
T3-MW-7-10.0-091918MSD

Tot Ion:107 Resp: 162256

Ion Ratio Lower Upper

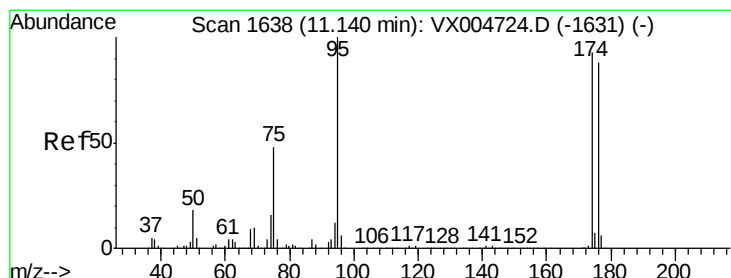
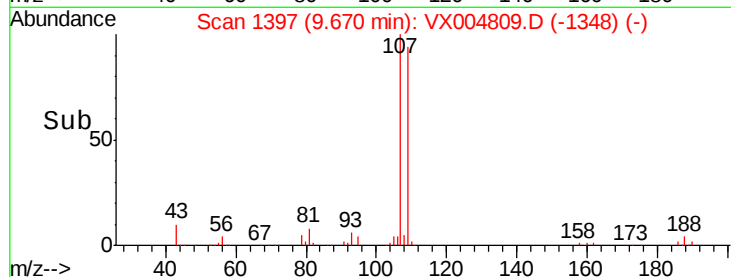
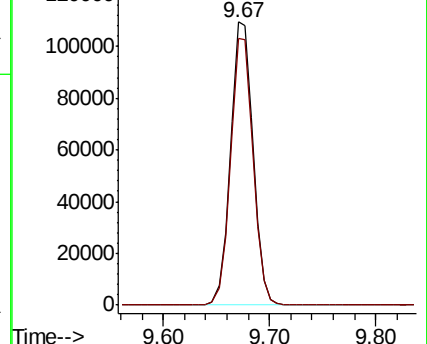
107 100

109 94.6 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.887 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

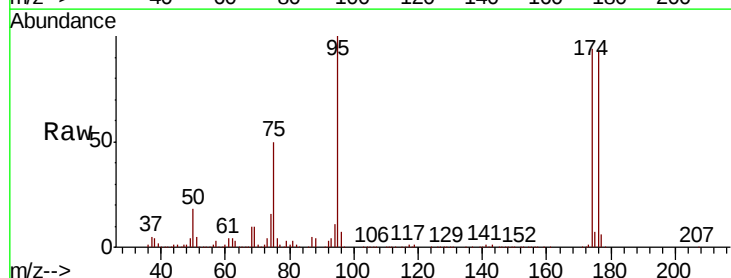
Tgt Ion: 95 Resp: 170854

Ion Ratio Lower Upper

95 100

174 91.3 0.0 185.2

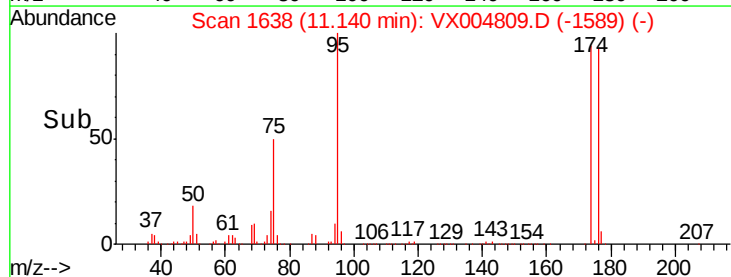
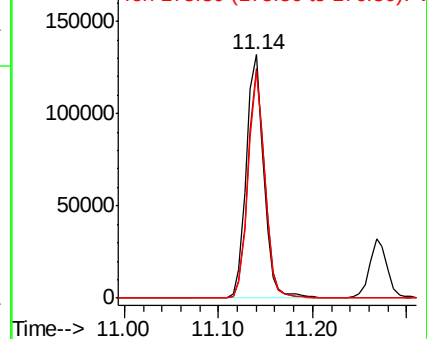
176 89.0 0.0 178.6

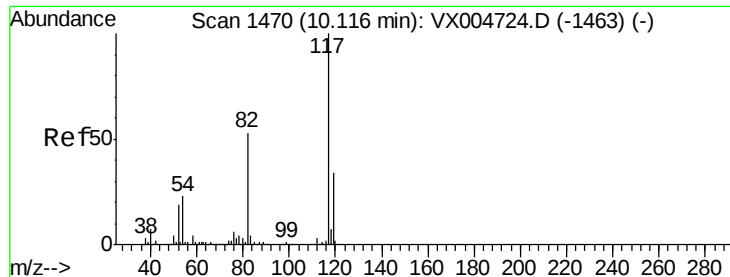


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

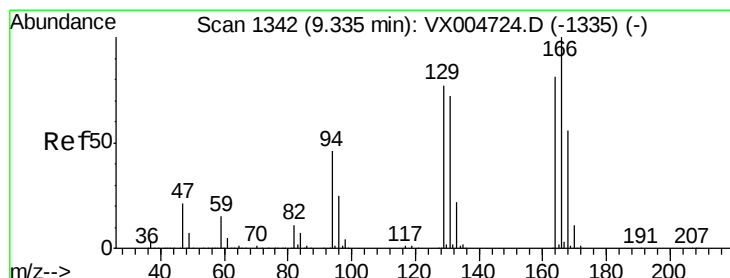
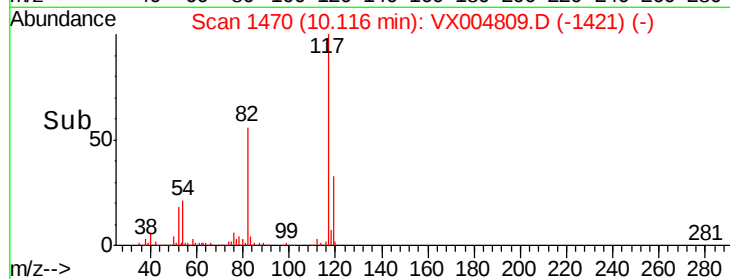
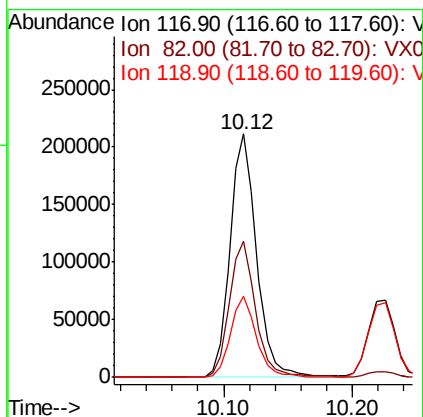
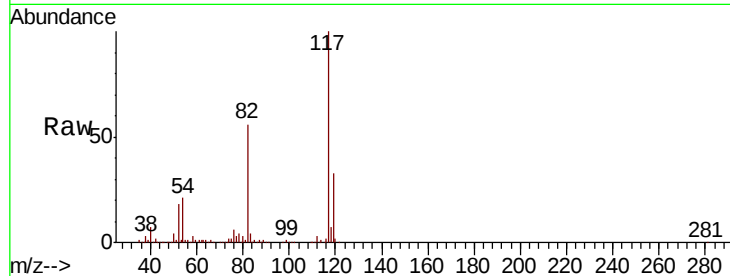




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

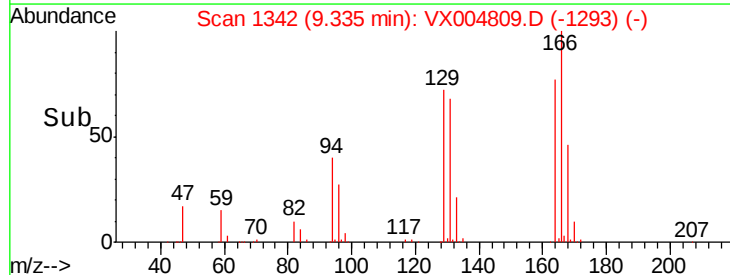
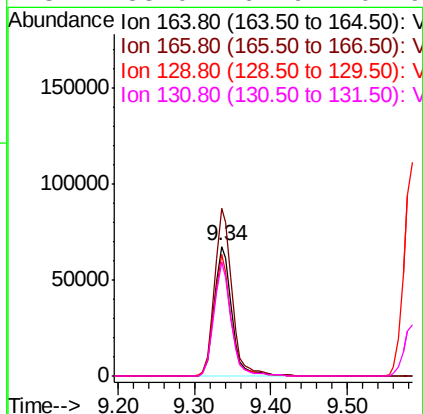
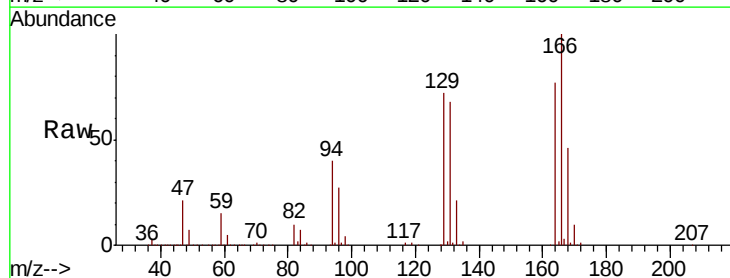
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

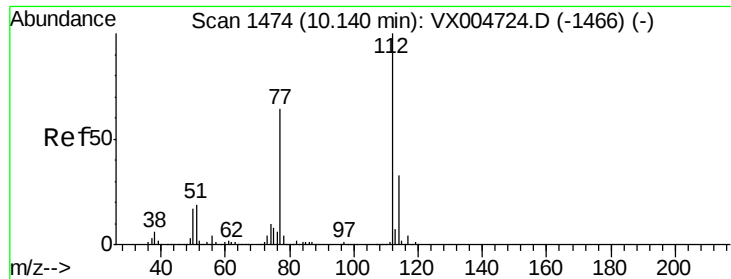
Tot Ion:117 Resp: 305290
Ion Ratio Lower Upper
117 100
82 55.9 47.8 71.6
119 33.1 29.3 43.9



#64
Tetrachloroethene
Concen: 35.413 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion:164 Resp: 106405
Ion Ratio Lower Upper
164 100
166 130.1 102.8 154.2
129 94.0 69.4 104.0
131 88.0 67.9 101.9

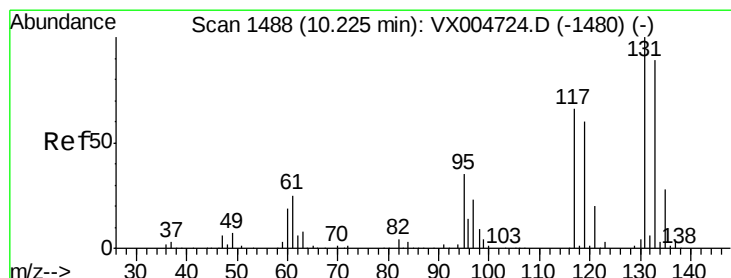
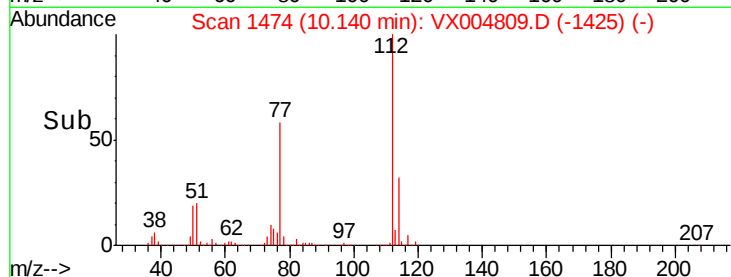
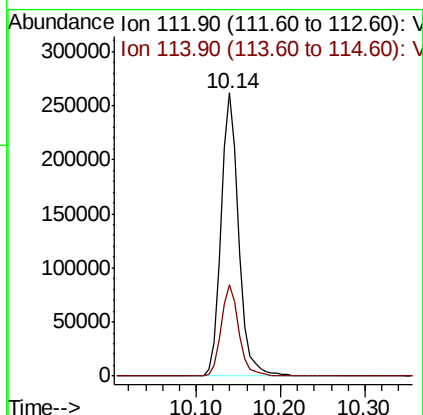
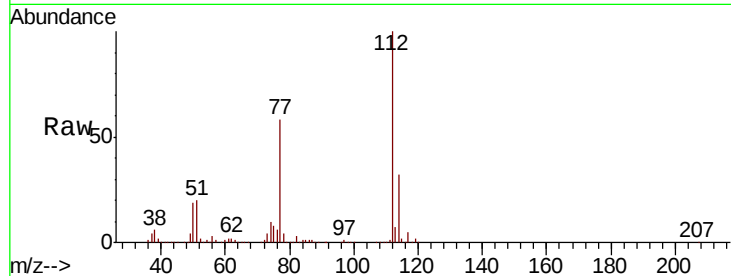




#65
Chlorobenzene
Concen: 48.614 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

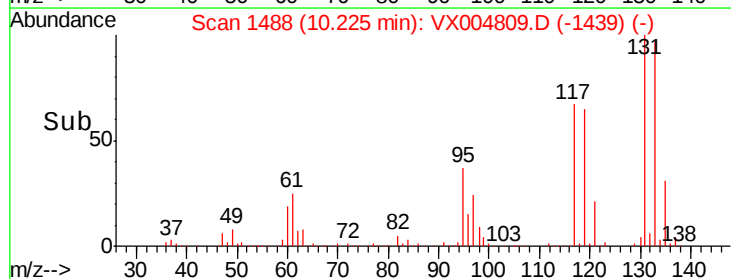
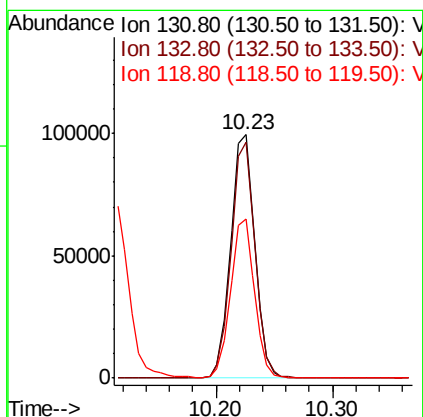
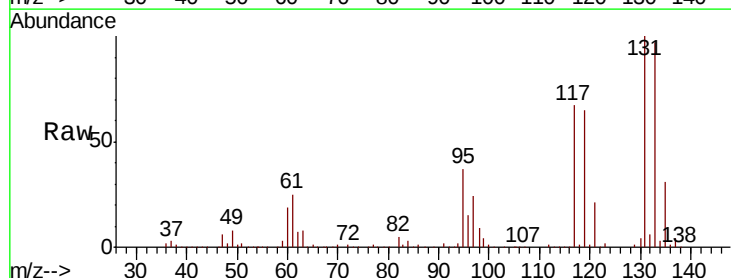
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion:112 Resp: 380577
Ion Ratio Lower Upper
112 100
114 32.3 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.316 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion:131 Resp: 143982
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.4
119 65.0 32.9 98.6

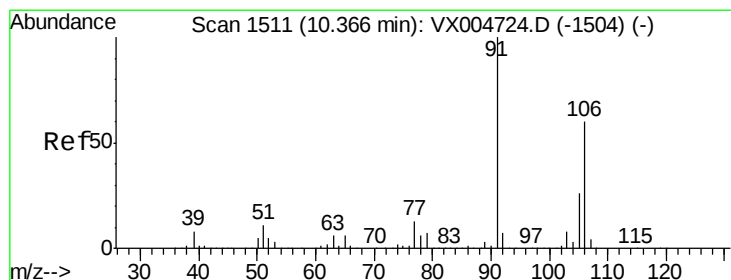
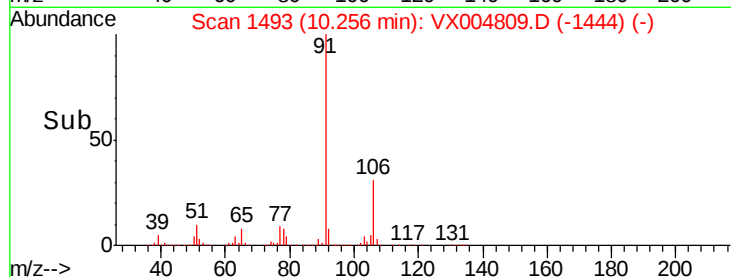
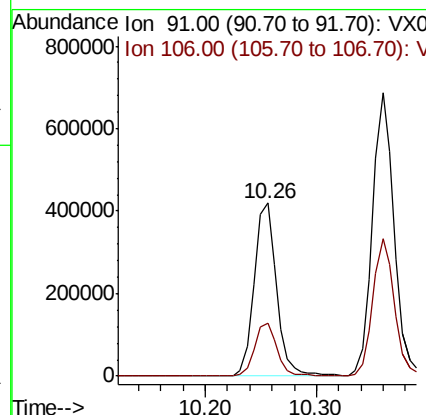
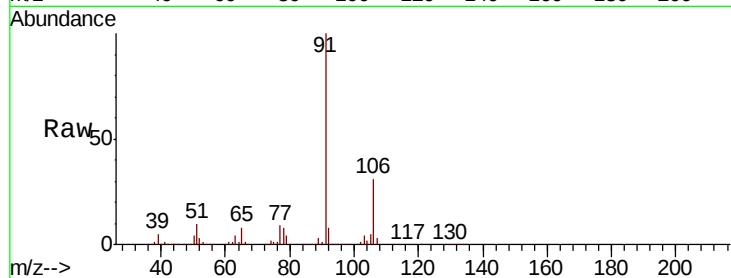




#67
Ethyl Benzene
Concen: 47.435 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

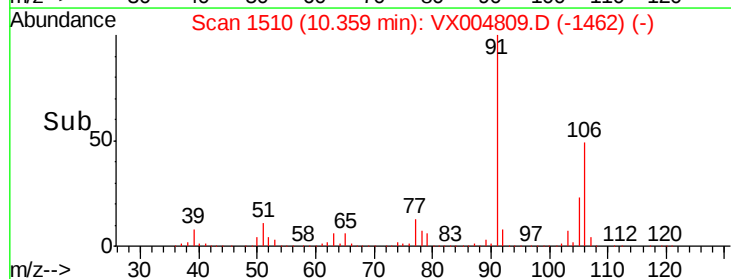
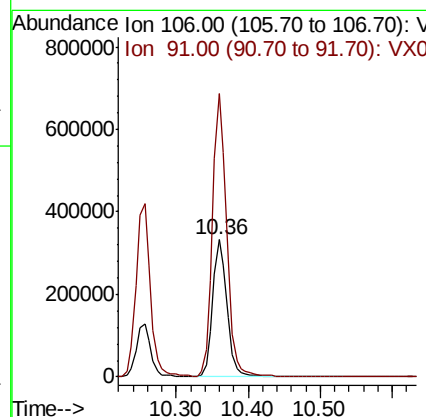
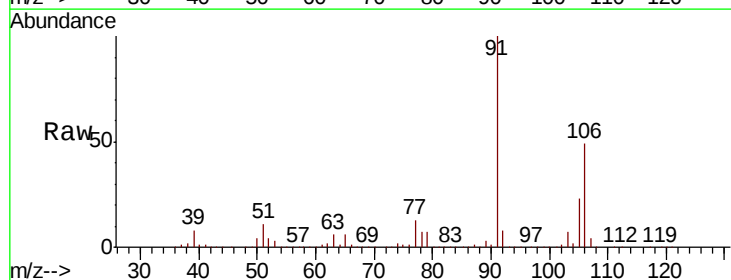
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

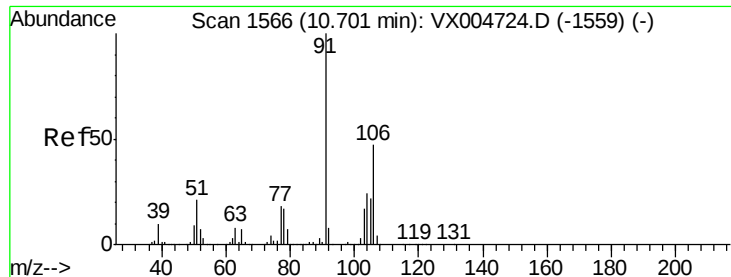
Tot Ion: 91 Resp: 589556
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9



#68
m/p-Xylenes
Concen: 94.440 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion: 106 Resp: 458676
Ion Ratio Lower Upper
106 100
91 205.1 157.1 235.7

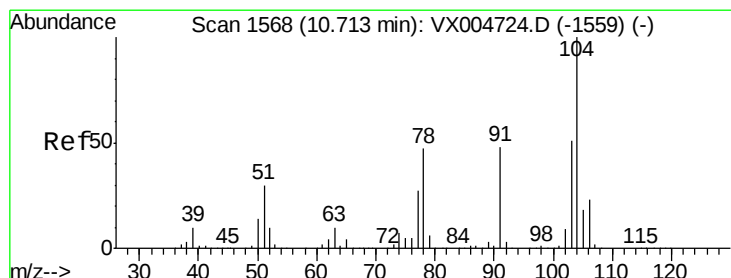
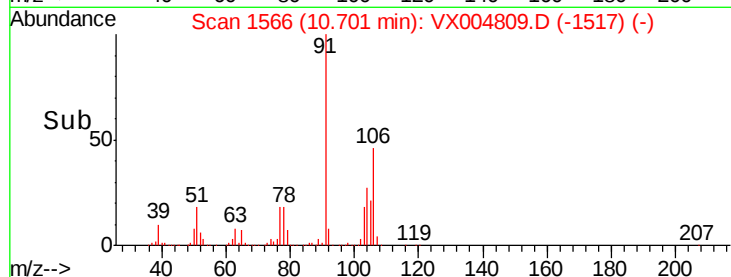
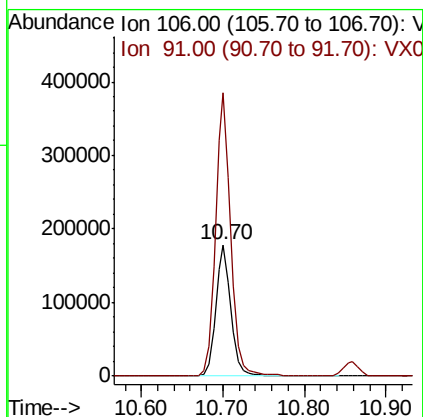
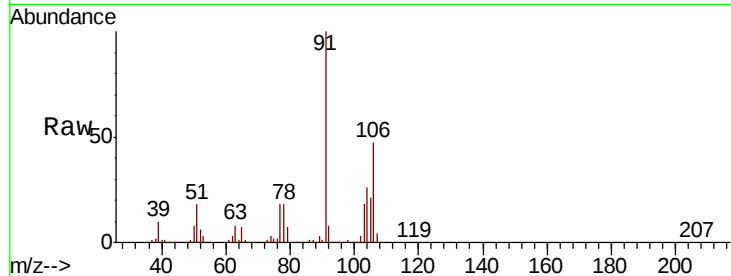




#69
o-Xylene
Concen: 52.248 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

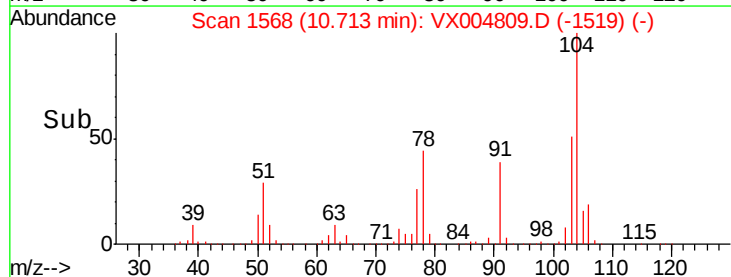
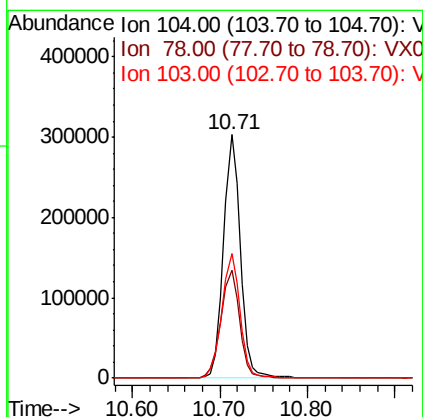
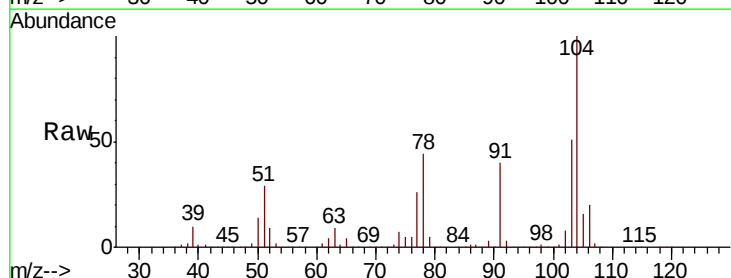
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion:106 Resp: 233076
Ion Ratio Lower Upper
106 100
91 216.6 105.1 315.1



#70
Styrene
Concen: 48.421 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion:104 Resp: 403402
Ion Ratio Lower Upper
104 100
78 49.5 37.4 56.0
103 55.6 43.8 65.6





#71

Bromoform

Concen: 54.891 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

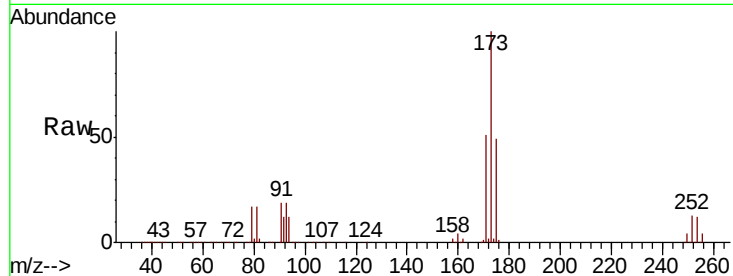
Tot Ion:173 Resp: 129334

Ion Ratio Lower Upper

173 100

175 49.9 24.1 72.3

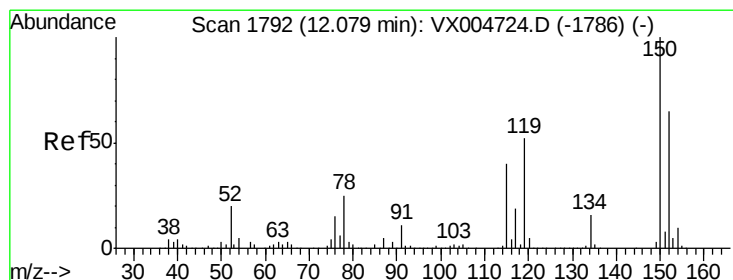
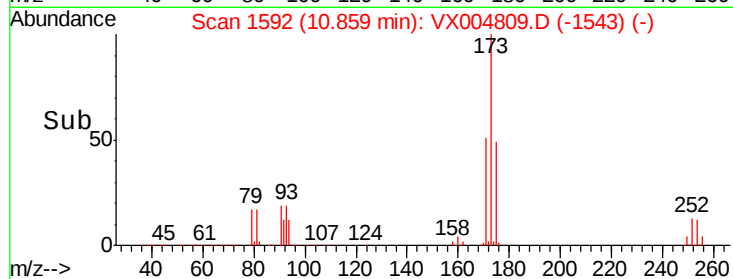
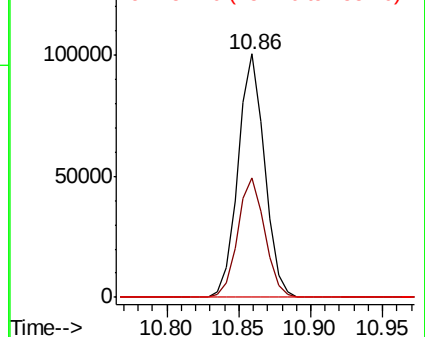
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VX004809.D

Acq: 28 Sep 2018 07:44

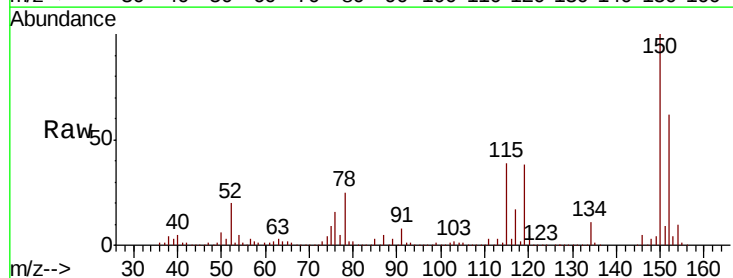
Tgt Ion:152 Resp: 178879

Ion Ratio Lower Upper

152 100

115 74.7 39.0 117.0

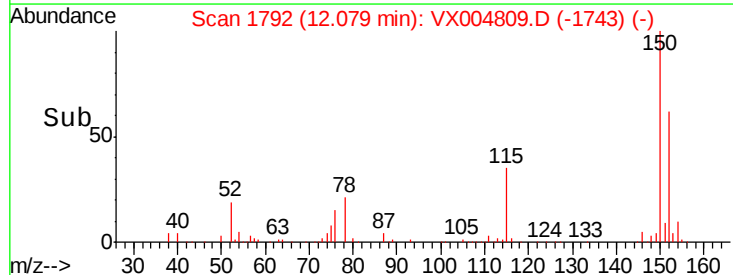
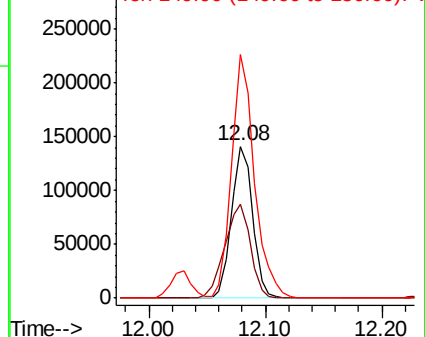
150 173.3 0.0 351.0



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: 53.616 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

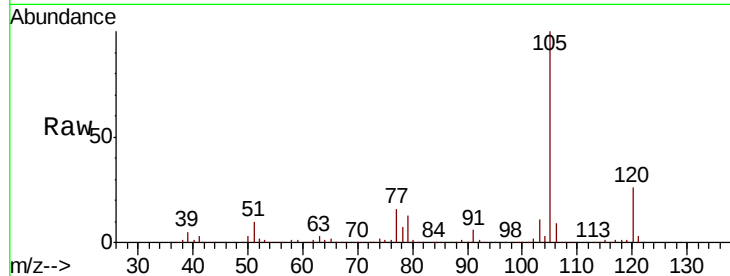
T3-MW-7-10.0-091918MSD

Tot Ion:105 Resp: 604523

Ion Ratio Lower Upper

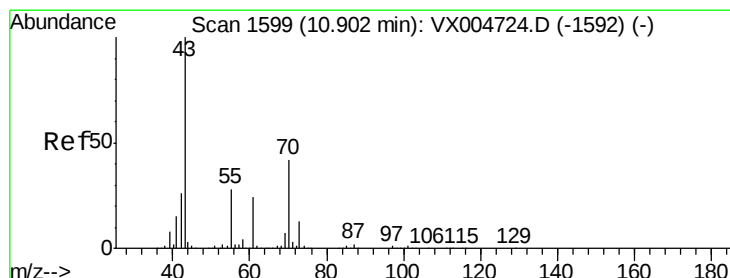
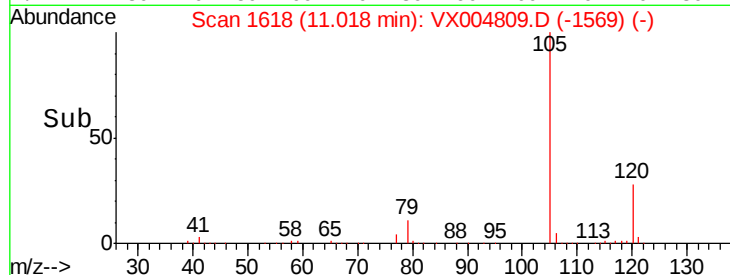
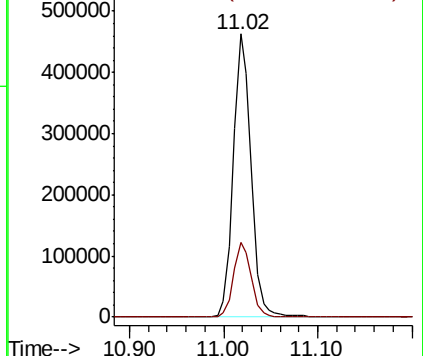
105 100

120 26.4 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-ethyl acetate

Concen: 53.828 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Tgt Ion: 43 Resp: 334443

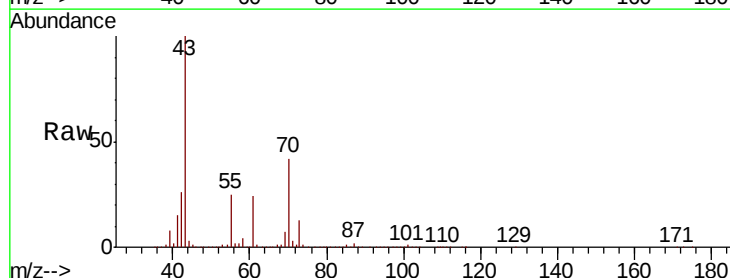
Ion Ratio Lower Upper

43 100

70 40.2 37.4 56.0

55 25.1 21.8 32.8

61 23.4 20.6 30.8

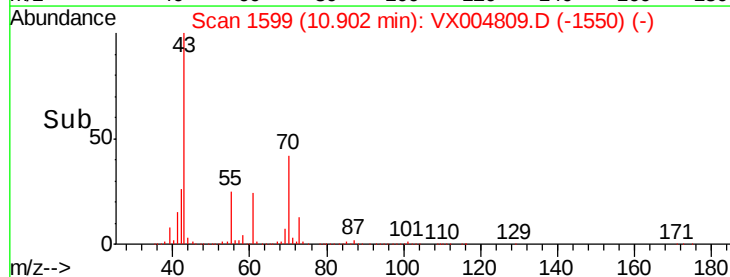
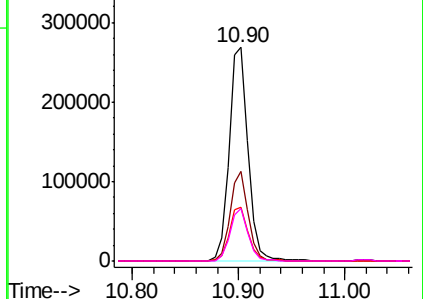


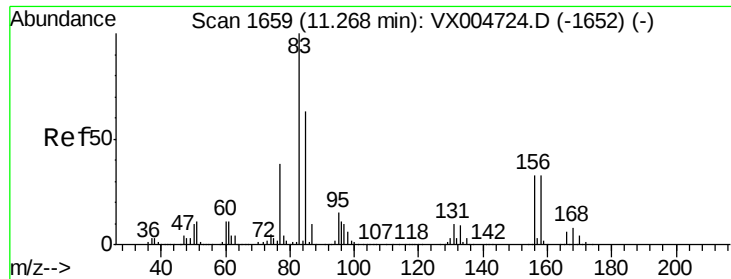
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 57.975 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

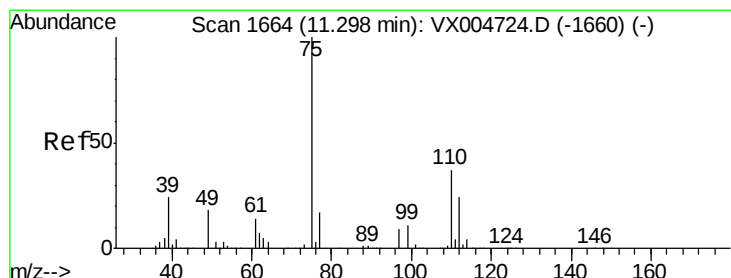
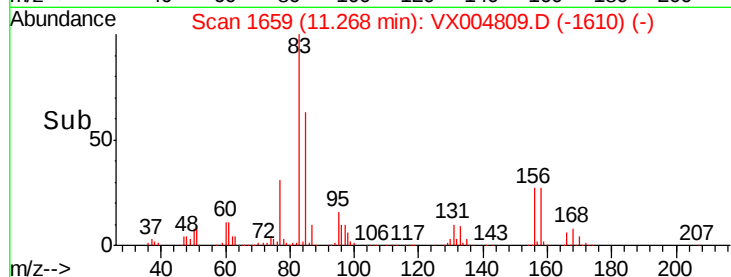
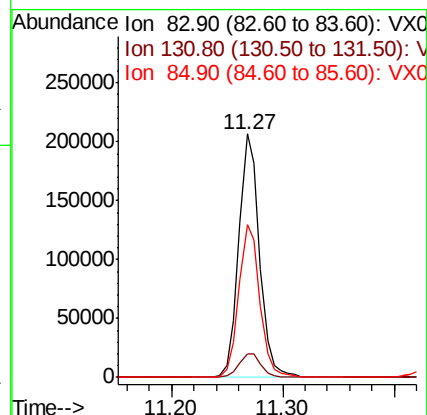
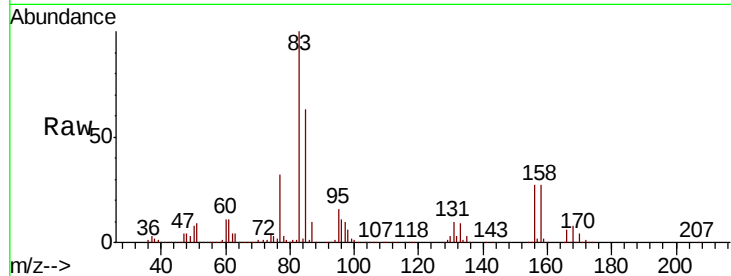
Tot Ion: 83 Resp: 266085

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

85 63.7 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 71.475 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004809.D

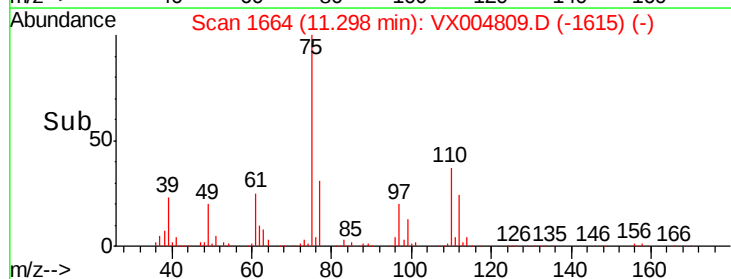
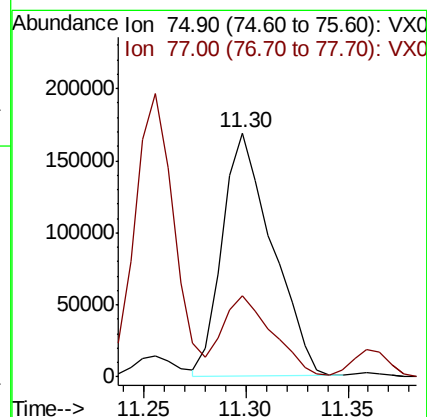
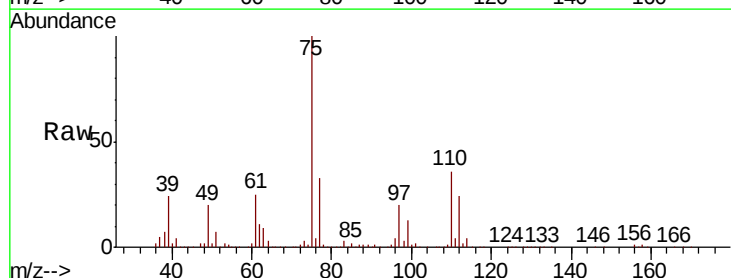
Acq: 28 Sep 2018 07:44

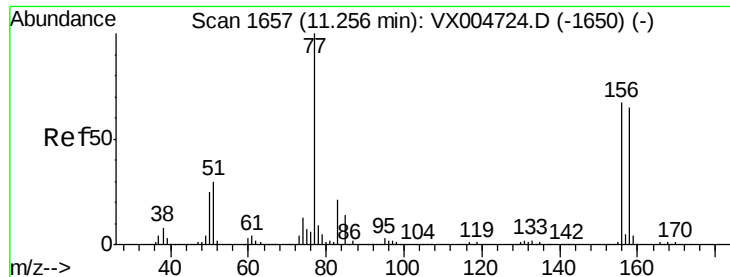
Tgt Ion: 75 Resp: 286566

Ion Ratio Lower Upper

75 100

77 33.2 20.2 60.6





#77

Bromobenzene

Concen: 54.166 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

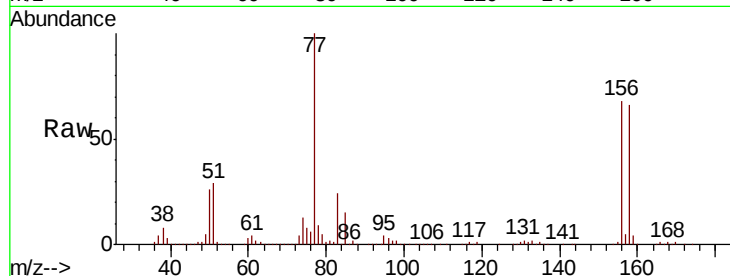
Tot Ion:156 Resp: 177387

Ion Ratio Lower Upper

156 100

77 147.5 71.5 214.3

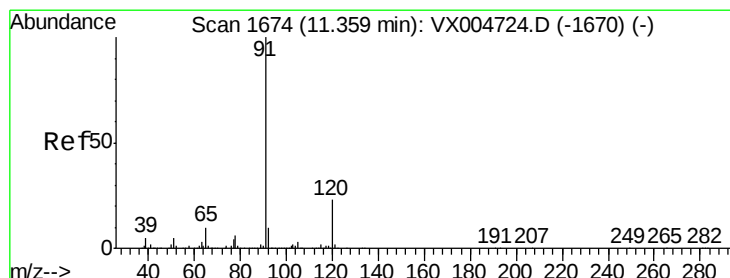
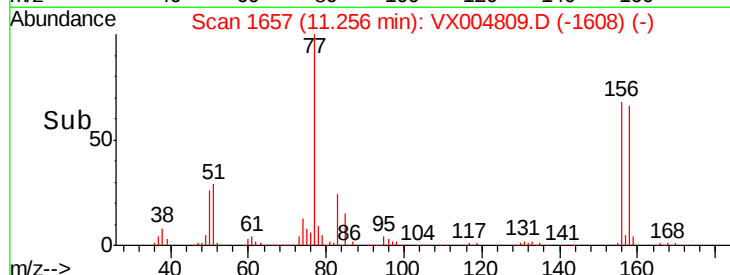
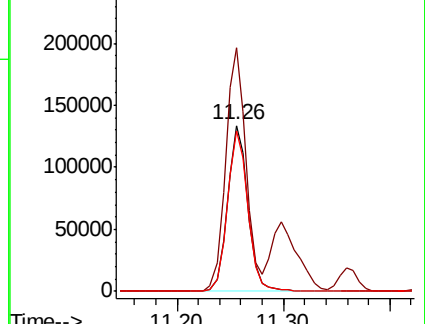
158 97.5 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.372 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004809.D

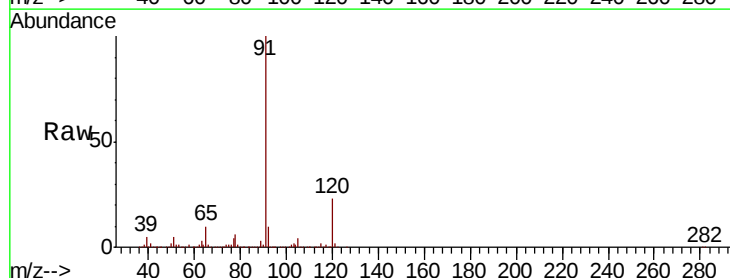
Acq: 28 Sep 2018 07:44

Tgt Ion: 91 Resp: 612841

Ion Ratio Lower Upper

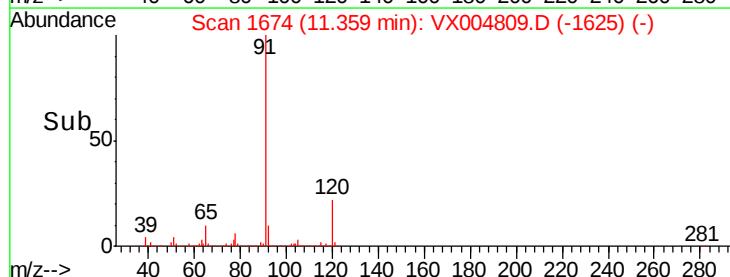
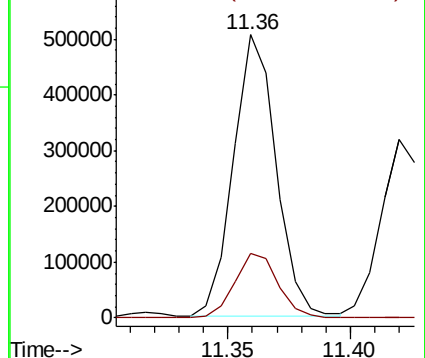
91 100

120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.697 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

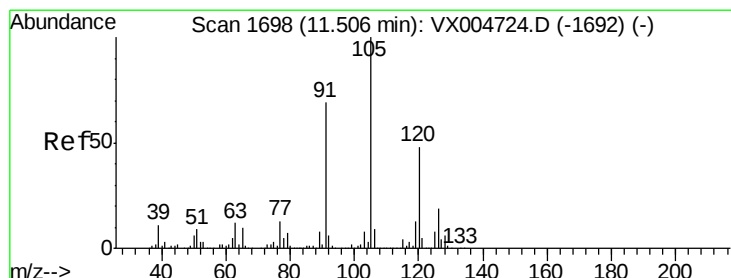
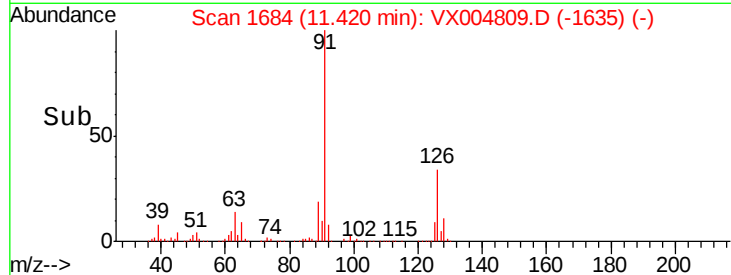
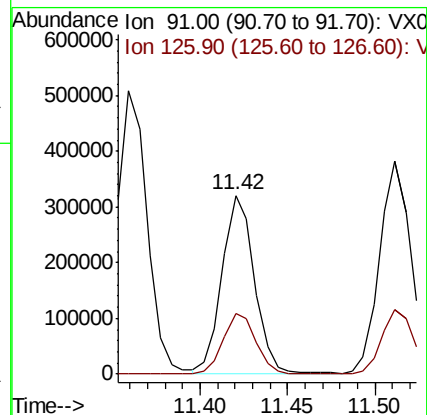
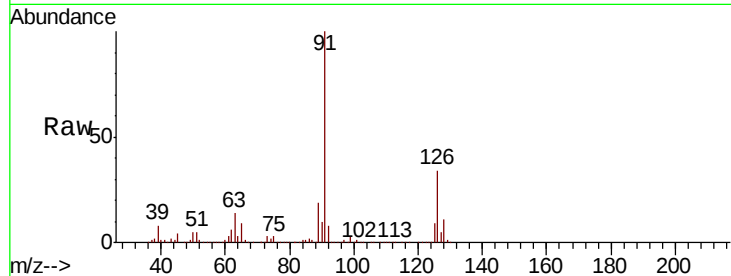
T3-MW-7-10.0-091918MSD

Tot Ion: 91 Resp: 408803

Ion Ratio Lower Upper

91 100

126 35.3 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 45.747 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004809.D

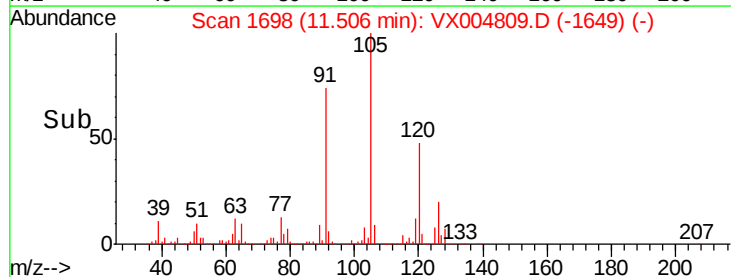
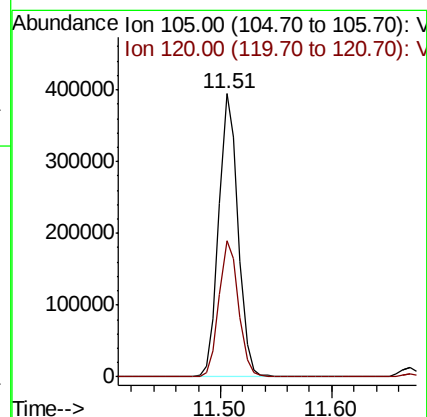
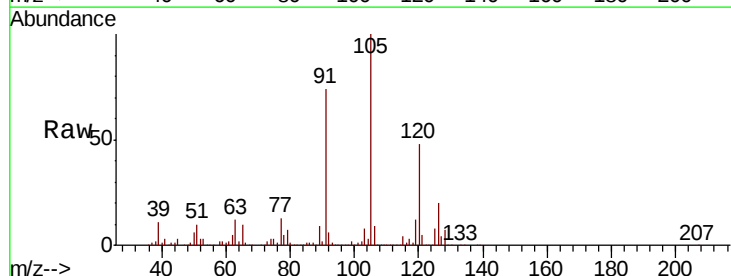
Acq: 28 Sep 2018 07:44

Tgt Ion: 105 Resp: 472918

Ion Ratio Lower Upper

105 100

120 48.8 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.709 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

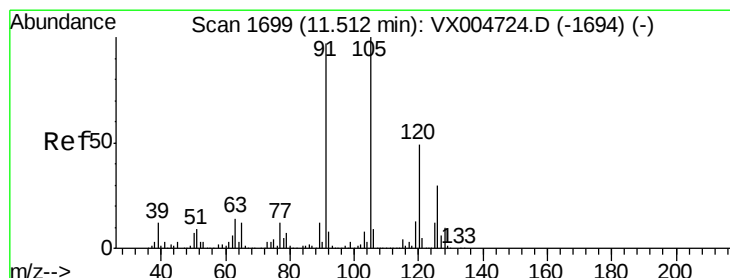
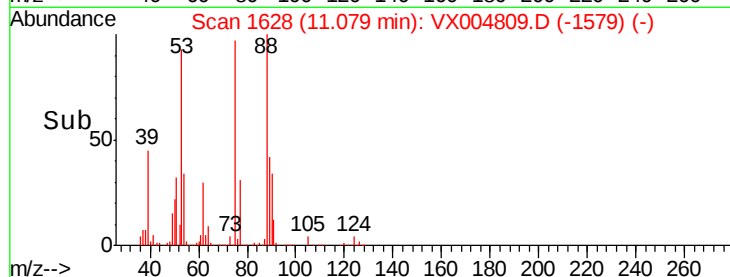
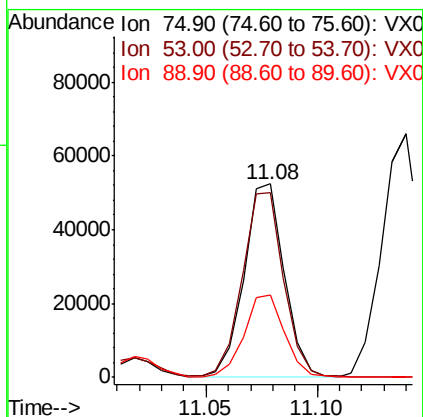
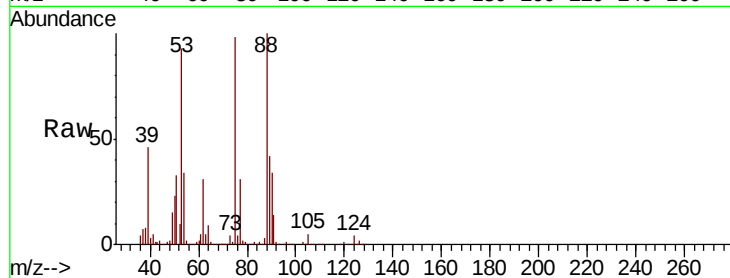
Tot Ion: 75 Resp: 65402

Ion Ratio Lower Upper

75 100

53 98.9 80.1 120.1

89 43.8 37.2 55.8



#82

4-Chlorotoluene

Concen: 50.755 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004809.D

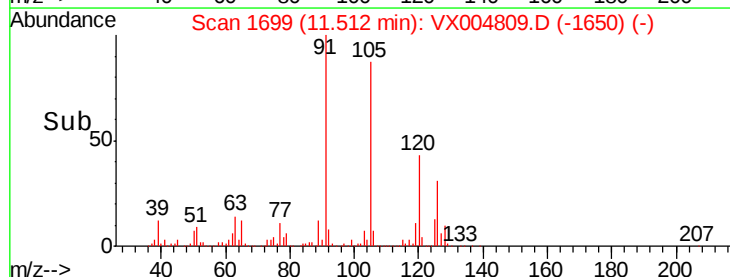
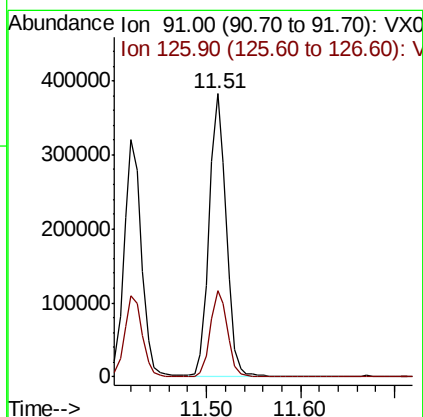
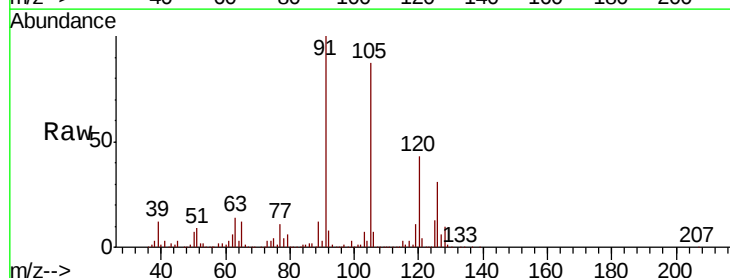
Acq: 28 Sep 2018 07:44

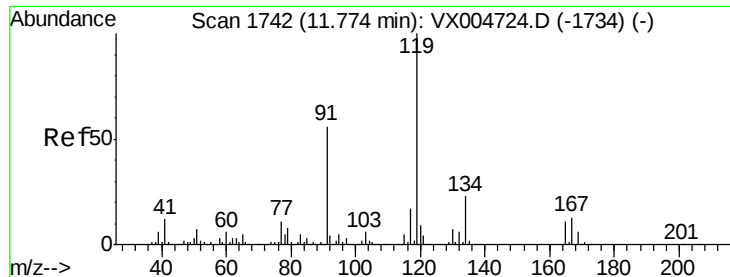
Tgt Ion: 91 Resp: 481728

Ion Ratio Lower Upper

91 100

126 30.5 15.5 46.5





#83

tert-Butylbenzene

Concen: 51.114 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

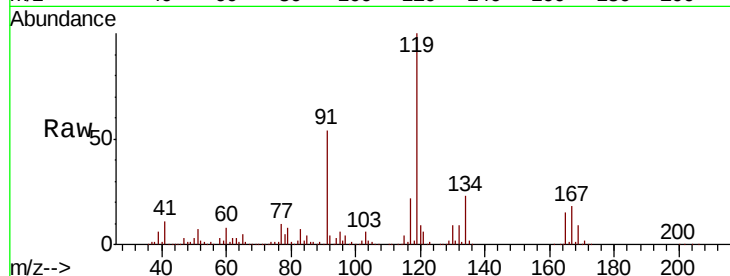
Tot Ion:119 Resp: 474489

Ion Ratio Lower Upper

119 100

91 53.0 27.0 81.0

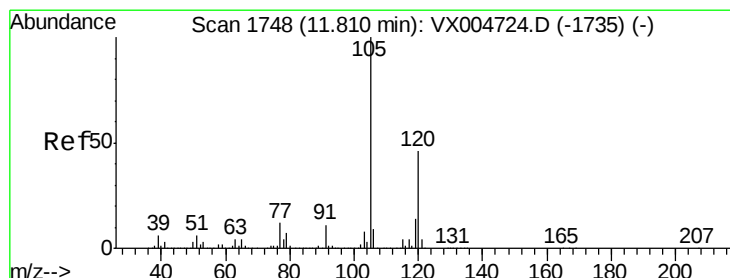
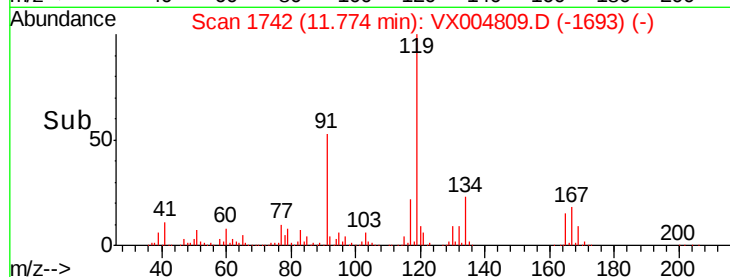
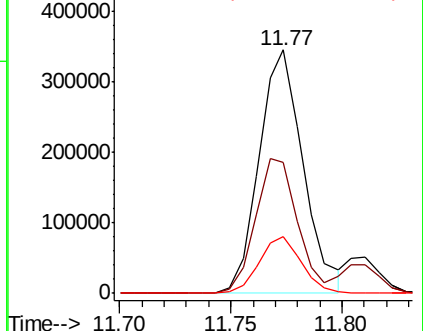
134 22.4 11.7 35.1



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: 47.570 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004809.D

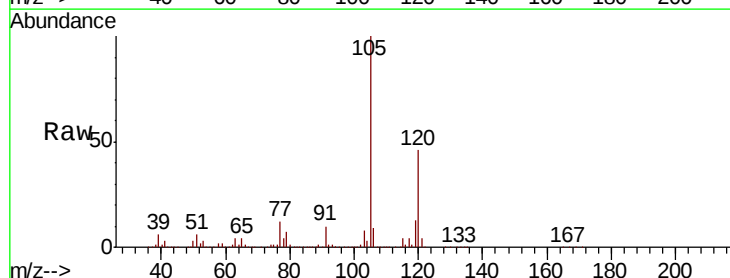
Acq: 28 Sep 2018 07:44

Tgt Ion:105 Resp: 507066

Ion Ratio Lower Upper

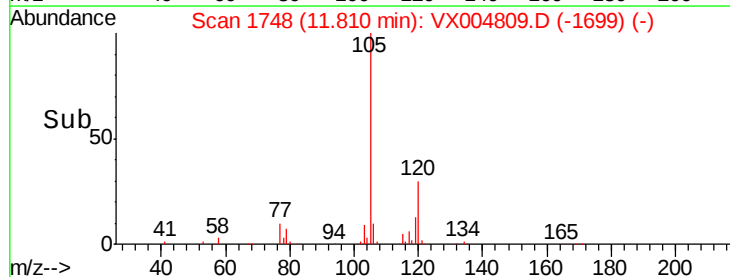
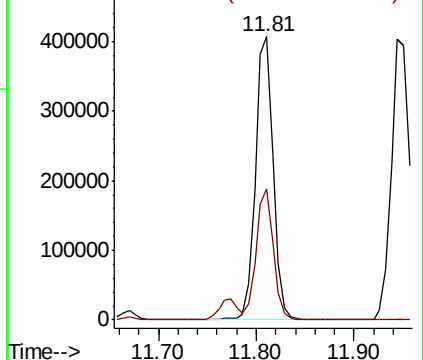
105 100

120 44.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 46.407 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

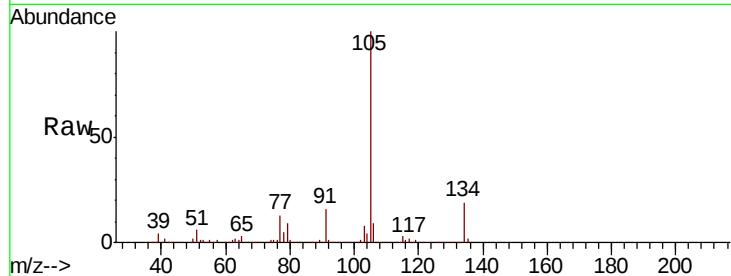
T3-MW-7-10.0-091918MSD

Tot Ion:105 Resp: 524731

Ion Ratio Lower Upper

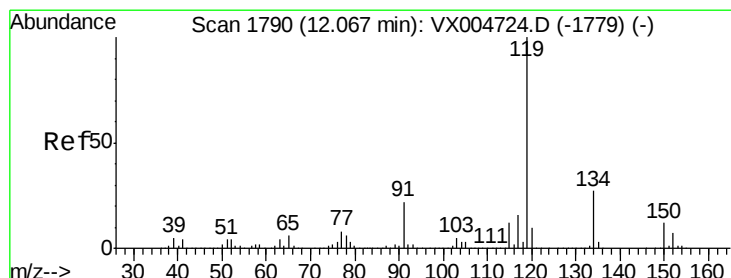
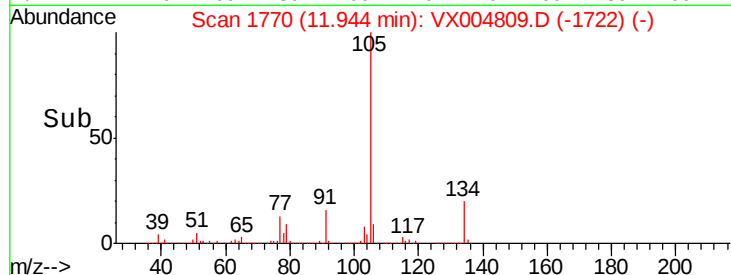
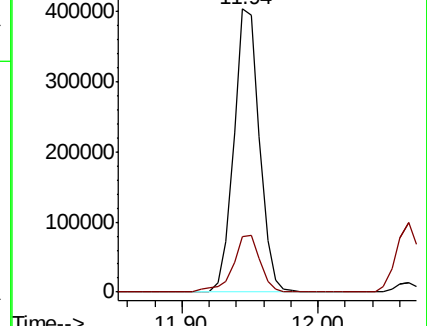
105 100

134 21.5 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 43.288 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

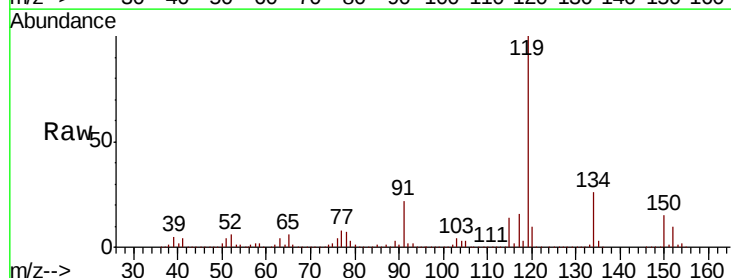
Tgt Ion:119 Resp: 443458

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

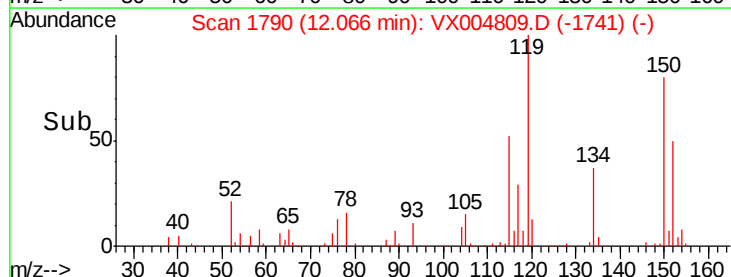
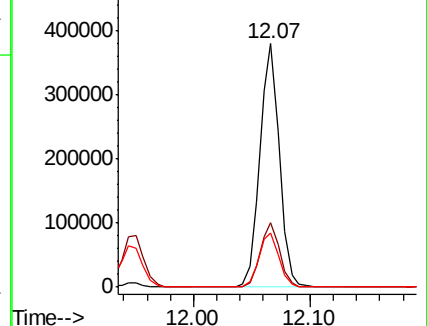
91 22.8 10.9 32.7

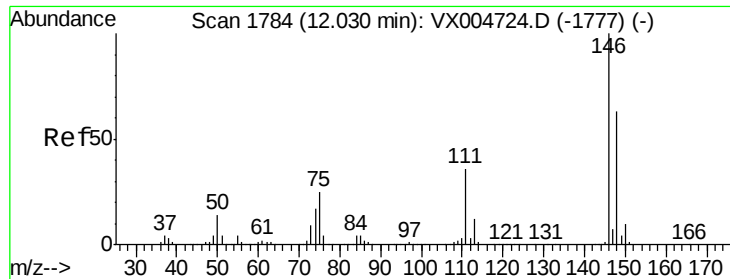


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

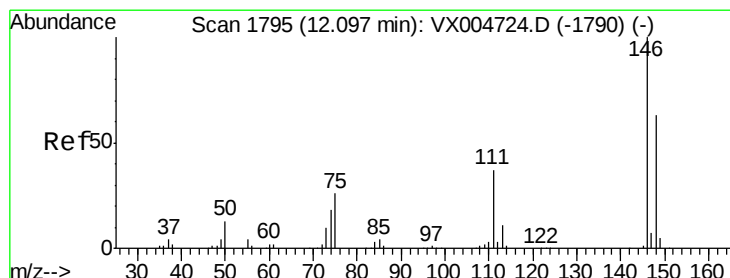
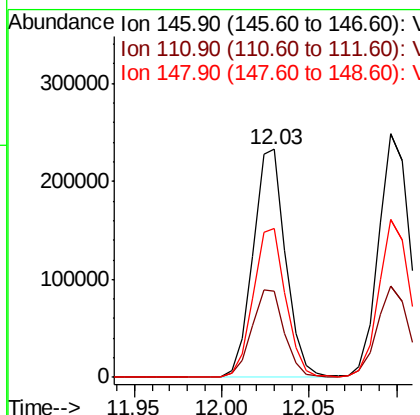
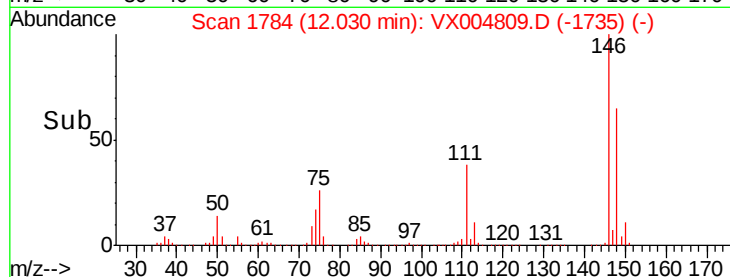
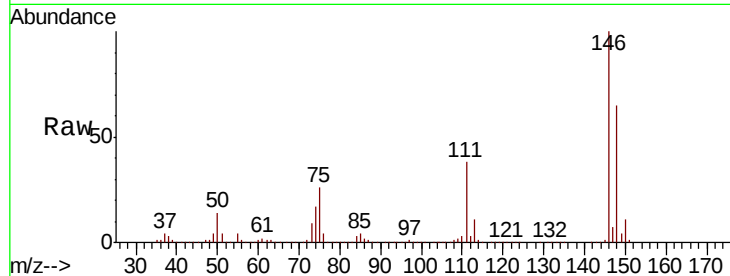




#87
 1,3-Dichlorobenzene
 Concen: 49.390 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

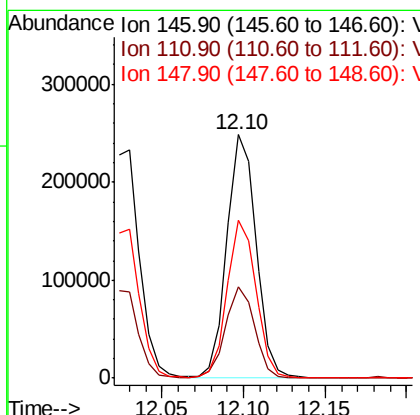
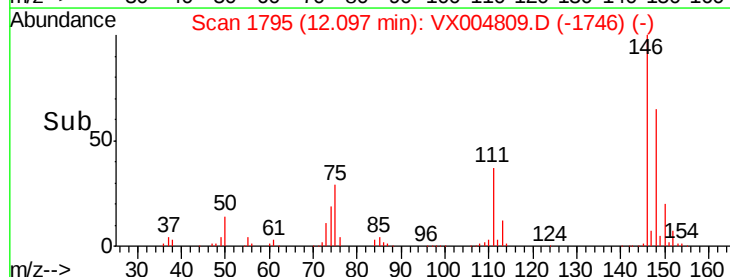
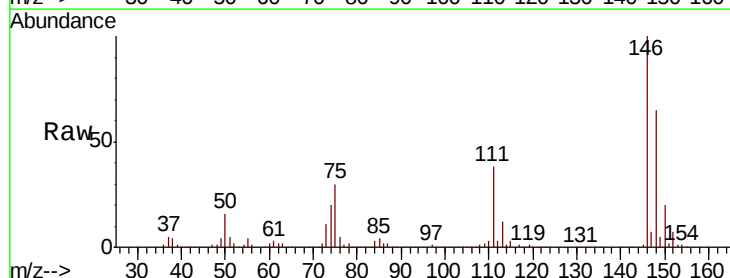
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

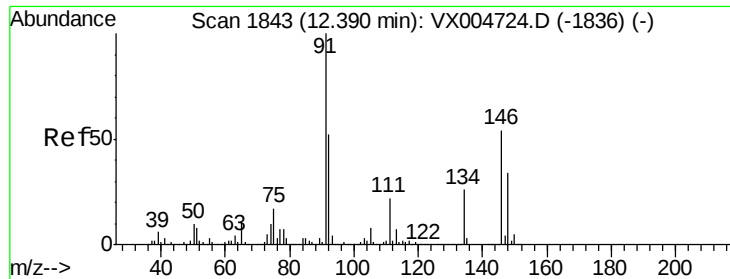
Tot Ion:146 Resp: 302032
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.7 56.1
 148 65.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.188 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion:146 Resp: 310505
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.1 54.1
 148 64.2 32.0 96.0

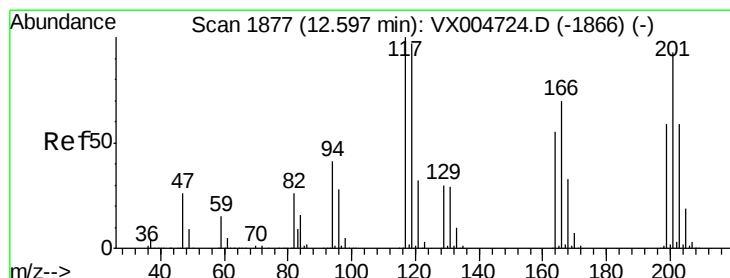
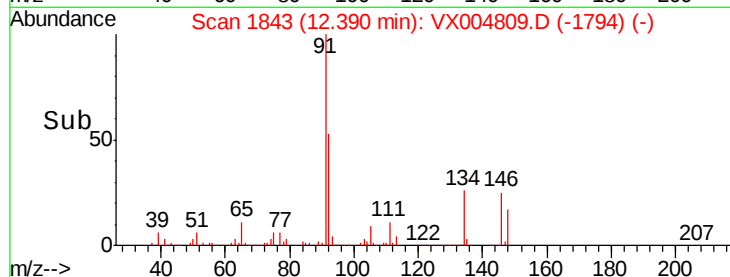
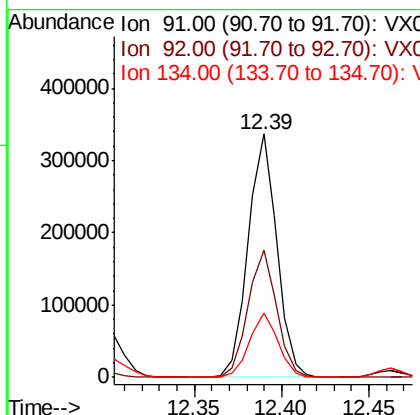
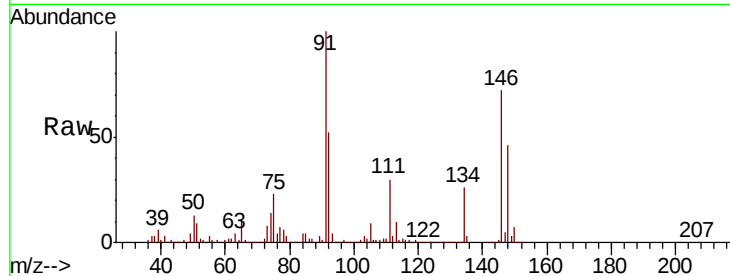




#89
n-Butylbenzene
Concen: 41.224 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

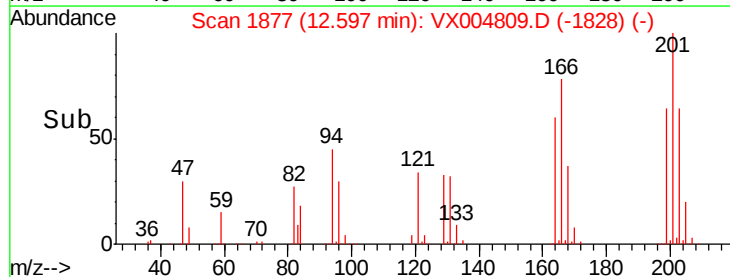
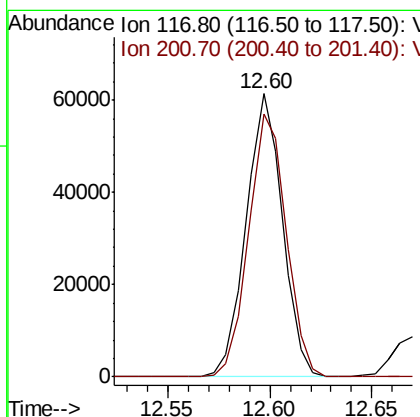
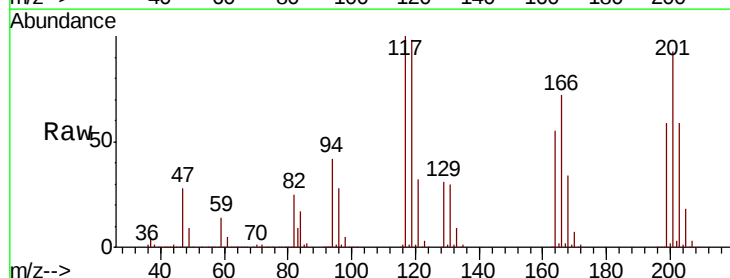
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

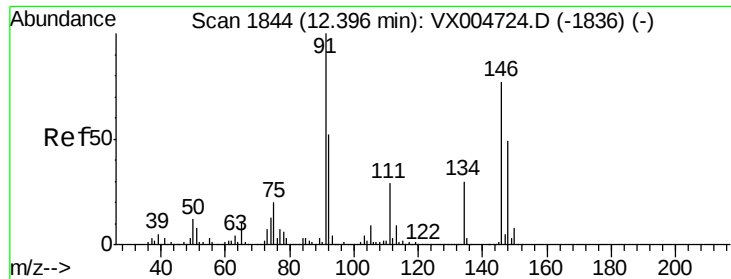
Tot Ion: 91 Resp: 383540
Ion Ratio Lower Upper
91 100
92 52.4 27.3 81.9
134 26.2 13.6 40.7



#90
Hexachloroethane
Concen: 44.430 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion: 117 Resp: 75782
Ion Ratio Lower Upper
117 100
201 96.4 46.9 140.6

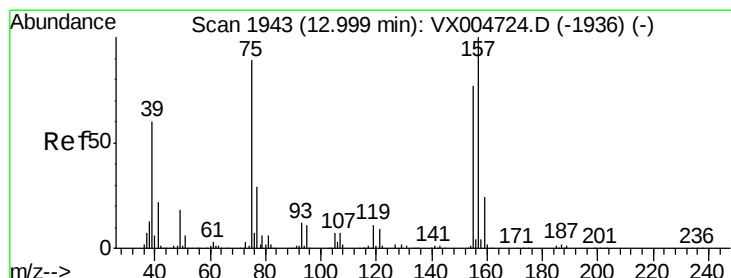
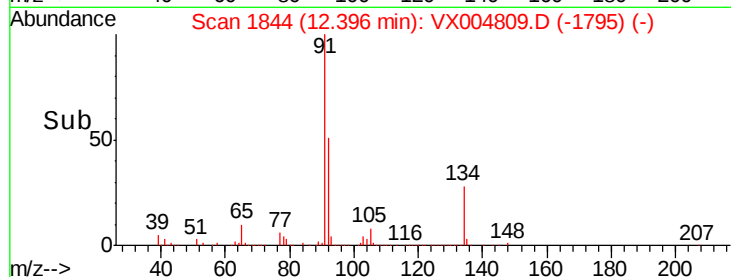
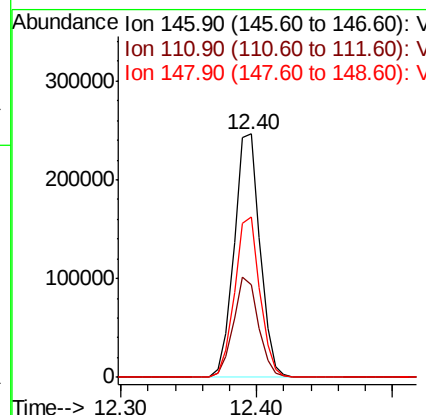
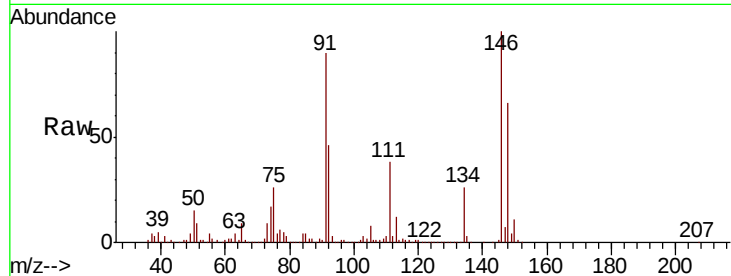




#91
 1,2-Dichlorobenzene
 Concen: 50.728 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

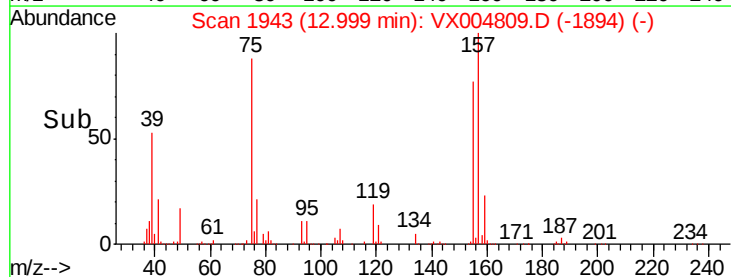
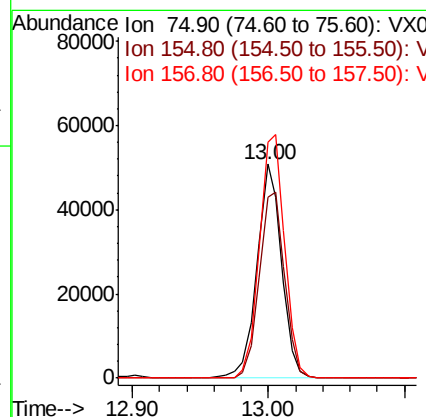
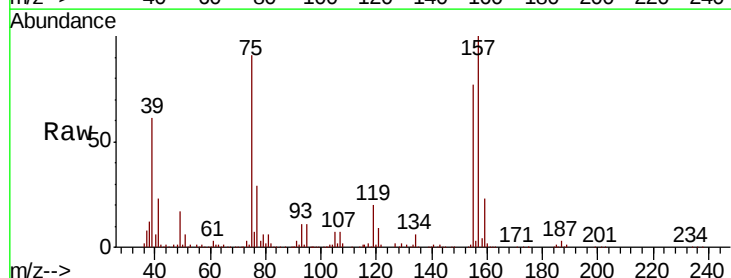
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

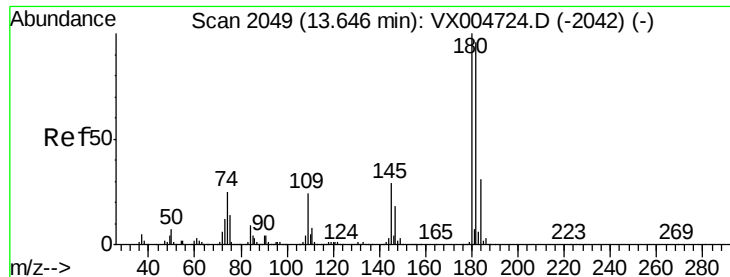
Tot Ion:146 Resp: 324187
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.4 58.1
 148 64.5 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 64.132 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion: 75 Resp: 64629
 Ion Ratio Lower Upper
 75 100
 155 89.8 48.0 144.2
 157 116.6 61.4 184.1

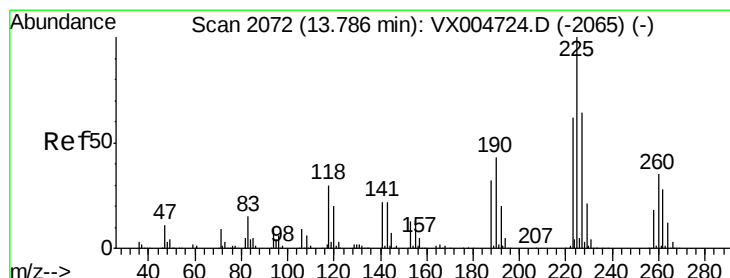
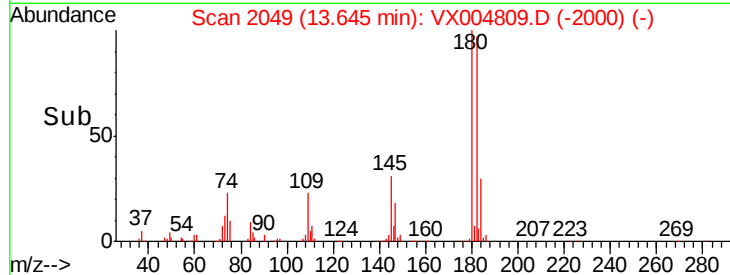
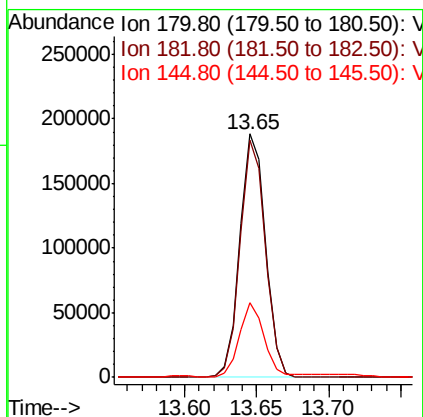
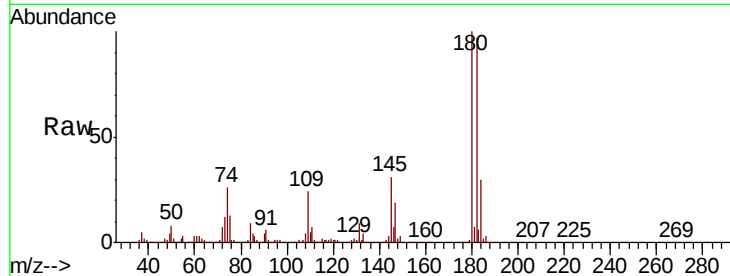




#93
 1,2,4-Trichlorobenzene
 Concen: 51.736 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

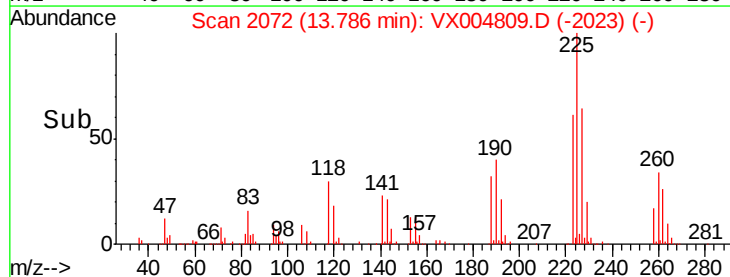
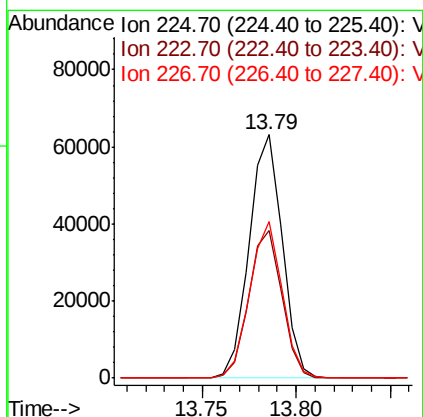
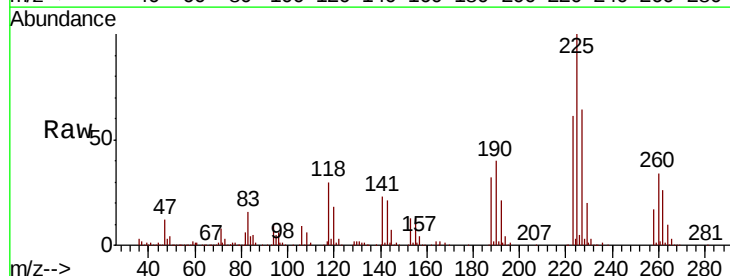
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

Tot Ion:180 Resp: 231931
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.4 145.0
 145 29.3 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 33.078 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion:225 Resp: 76894
 Ion Ratio Lower Upper
 225 100
 223 60.7 30.1 90.5
 227 62.9 30.8 92.4





#95

Naphthalene

Concen: 57.903 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

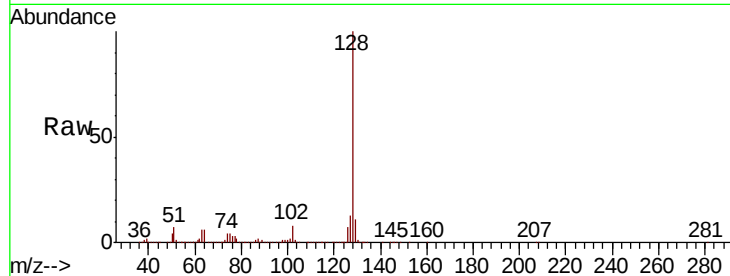
Tot Ion:128 Resp: 863272

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

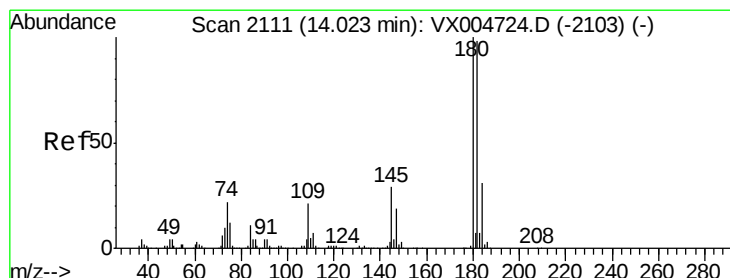
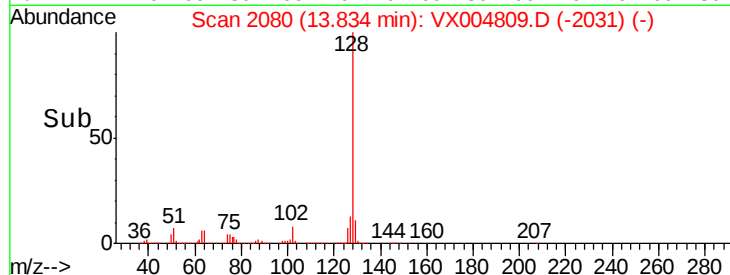
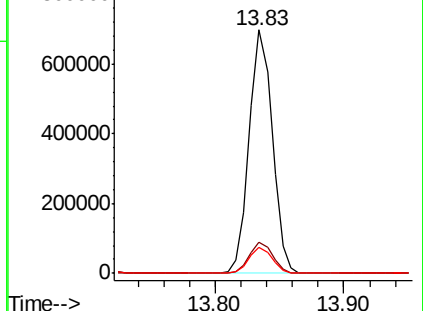
129 10.9 8.6 12.8



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: 53.732 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

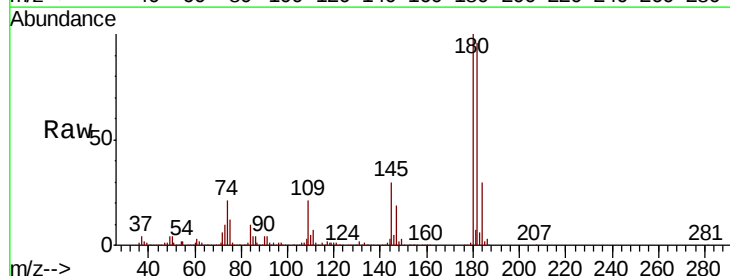
Tgt Ion:180 Resp: 248830

Ion Ratio Lower Upper

180 100

182 95.8 48.5 145.6

145 30.9 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

