

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122018\
 Data File : VX006709.D
 Acq On : 21 Dec 2018 06:55
 Operator : JC/MD
 Sample : J6517-11MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

Quant Time: Dec 21 07:51:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	591802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	925066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	840178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	416983	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	322976	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	5.51	113	296955	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	8.71	98	1104251	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.14	95	399131	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	248669	45.931	ug/l	100
3) Chloromethane	1.33	50	254986	43.716	ug/l	99
4) Vinyl Chloride	1.41	62	294712	48.379	ug/l	97
5) Bromomethane	1.64	94	161151	27.485	ug/l	97
6) Chloroethane	1.72	64	209946	49.774	ug/l	95
7) Trichlorofluoromethane	1.93	101	468937	49.375	ug/l	98
8) Diethyl Ether	2.19	74	187296	49.650	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	269918	48.403	ug/l	100
10) Methyl Iodide	2.51	142	258012	32.322	ug/l	100
11) Tert butyl alcohol	3.08	59	351894	247.214	ug/l	96
12) 1,1-Dichloroethene	2.37	96	260628	49.291	ug/l	97
13) Acrolein	2.30	56	201020	209.339	ug/l	99
14) Allyl chloride	2.73	41	425239	47.778	ug/l	100
15) Acrylonitrile	3.15	53	827743	261.905	ug/l	100
16) Acetone	2.45	43	705545	240.772	ug/l	99
17) Carbon Disulfide	2.57	76	605462	43.269	ug/l	98
18) Methyl Acetate	2.78	43	419612	48.698	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	949328	54.094	ug/l	98
20) Methylene Chloride	2.86	84	294722	48.639	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	278996	47.621	ug/l	99
22) Diisopropyl ether	3.87	45	851508	52.296	ug/l	94
23) Vinyl Acetate	3.82	43	3031117	227.586	ug/l	100
24) 1,1-Dichloroethane	3.70	63	475918	48.963	ug/l	99
25) 2-Butanone	4.70	43	1013967	245.996	ug/l	99
26) 2,2-Dichloropropane	4.58	77	237265	31.601	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	326782	50.555	ug/l	96
28) Bromochloromethane	5.02	49	228599	56.015	ug/l	99
29) Tetrahydrofuran	5.15	42	695376	256.142	ug/l	99
30) Chloroform	5.21	83	515908	51.255	ug/l	98
31) Cyclohexane	5.58	56	494459	55.996	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	430067	50.601	ug/l	100
36) 1,1-Dichloropropene	5.80	75	371312	48.464	ug/l	100
37) Ethyl Acetate	4.86	43	369097	46.285	ug/l	98
38) Carbon Tetrachloride	5.78	117	360676	48.439	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	700229	69.420	ug/l	99
40) Benzene	6.15	78	1167164	50.117	ug/l	96
41) Methacrylonitrile	5.06	41	231616	54.707	ug/l	99
42) 1,2-Dichloroethane	6.20	62	384273	48.422	ug/l	92
43) Isopropyl Acetate	6.46	43	598173	49.300	ug/l	99
44) Trichloroethene	7.21	130	334423	47.444	ug/l	97
45) 1,2-Dichloropropane	7.52	63	293810	51.842	ug/l	98
46) Dibromomethane	7.66	93	206768	49.601	ug/l	97
47) Bromodichloromethane	7.90	83	346178	50.019	ug/l	96
48) Methyl methacrylate	7.77	41	360075	58.357	ug/l	94
49) 1,4-Dioxane	7.75	88	132533	817.311	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2019082	261.535	ug/l	99
52) Toluene	8.79	92	756449	50.277	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	363922	49.029	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	406402	49.899	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	310331	50.391	ug/l	99
56) Ethyl methacrylate	9.18	69	476871	54.786	ug/l	95
57) 1,3-Dichloropropane	9.37	76	497983	50.259	ug/l	100
59) 2-Hexanone	9.49	43	1491893	252.571	ug/l	100
60) Dibromochloromethane	9.59	129	303483	47.251	ug/l	98
61) 1,2-Dibromoethane	9.67	107	343461	52.464	ug/l	99
64) Tetrachloroethene	9.34	164	296542	44.573	ug/l	97
65) Chlorobenzene	10.14	112	869007	48.890	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	297417	53.631	ug/l	99
67) Ethyl Benzene	10.25	91	1458598	50.218	ug/l	100
68) m/p-Xylenes	10.36	106	1118256	97.570	ug/l	98
69) o-Xylene	10.70	106	551485	48.728	ug/l	98
70) Styrene	10.71	104	877137	48.988	ug/l	98
71) Bromoform	10.86	173	214792	43.569	ug/l	99
73) Isopropylbenzene	11.02	105	2713769	95.131	ug/l	99
74) N-amyl acetate	10.90	43	501999	49.163	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	458920	54.093	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	473761	61.136	ug/l	91
77) Bromobenzene	11.26	156	392319	50.869	ug/l	99
78) n-propylbenzene	11.36	91	6896808	219.549	ug/l	100
79) 2-Chlorotoluene	11.42	91	951644	49.989	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1174558	49.989	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	96787	39.025	ug/l	95
82) 4-Chlorotoluene	11.51	91	1094871	50.139	ug/l	99
83) tert-Butylbenzene	11.77	119	1296473	55.131	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1203576	48.700	ug/l	100
85) sec-Butylbenzene	11.94	105	1886434	65.428	ug/l	94
86) p-Isopropyltoluene	12.07	119	1296642	51.160	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	689294	49.591	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	685072	48.079	ug/l	99
89) n-Butylbenzene	12.39	91	1667293	77.298	ug/l #	84
90) Hexachloroethane	12.59	117	263482	65.344	ug/l	73
91) 1,2-Dichlorobenzene	12.39	146	677188	48.704	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	130098	74.112	ug/l	67
93) 1,2,4-Trichlorobenzene	13.65	180	501012	52.237	ug/l	94

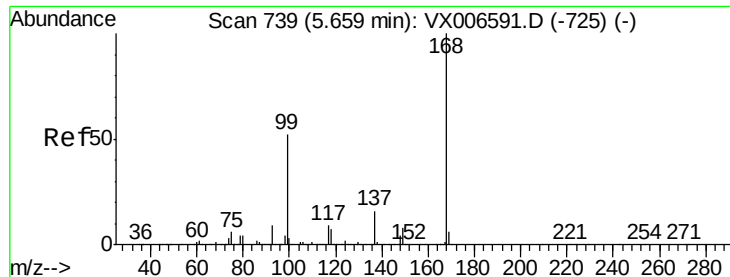
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	232888	51.516	ug/l	98
95) Naphthalene	13.83	128	1630030	53.249	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.02	180	511801	51.683	ug/l	97

(#) = 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: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

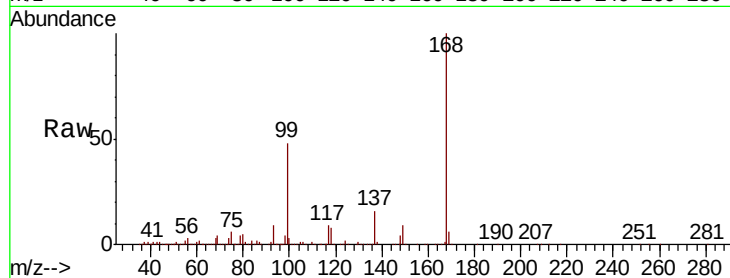
T3-MW-2-9.0-121918MS

Tot Ion:168 Resp: 591802

Ion Ratio Lower Upper

168 100

99 48.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

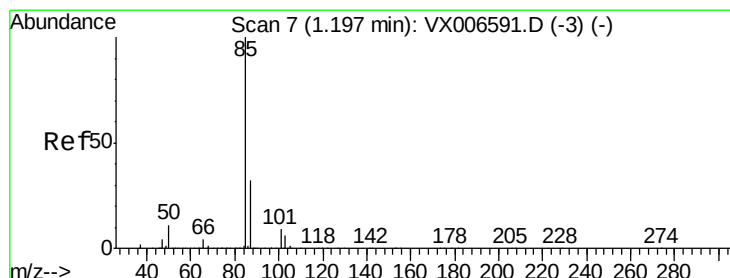
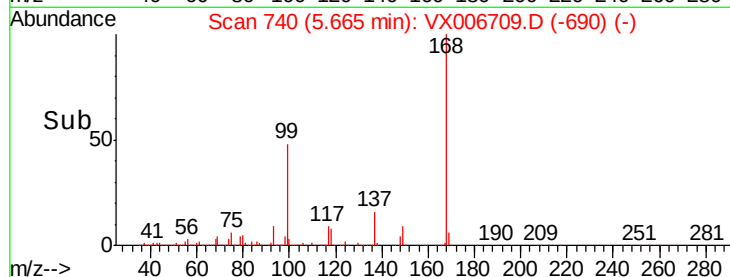
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.931 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006709.D

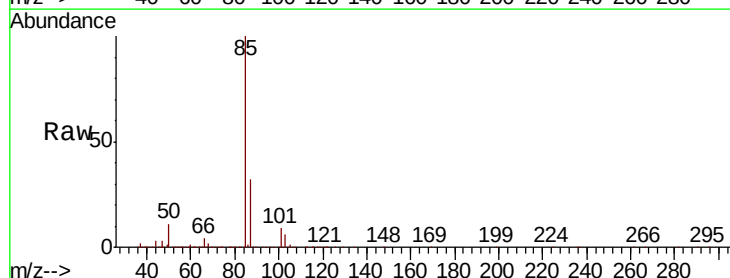
Acq: 21 Dec 2018 06:55

Tgt Ion: 85 Resp: 248669

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

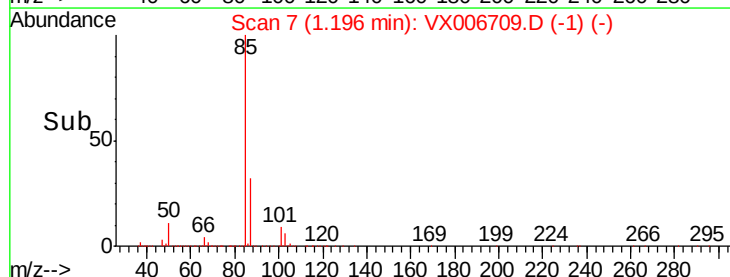
150000

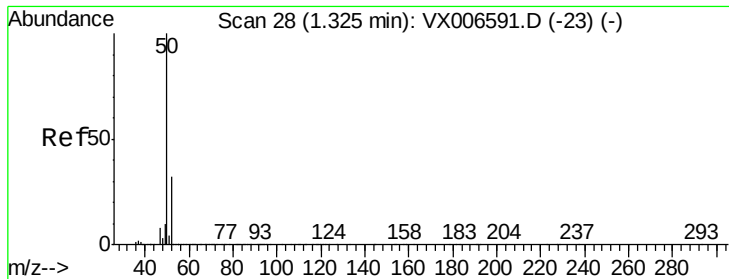
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Time-->

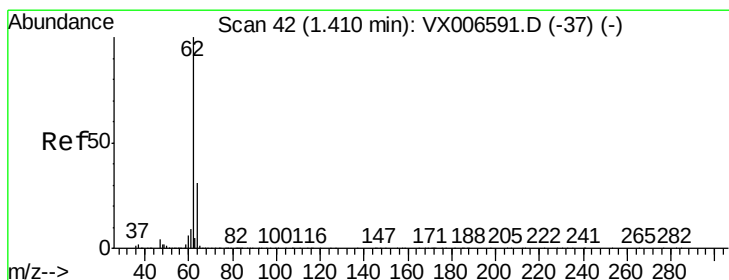
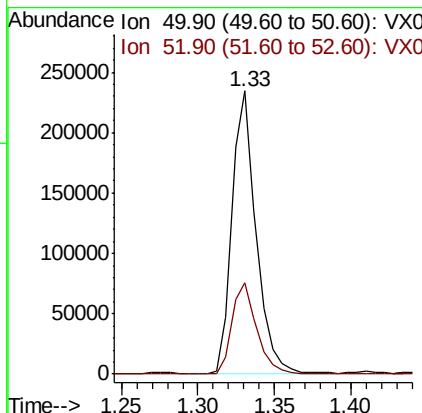
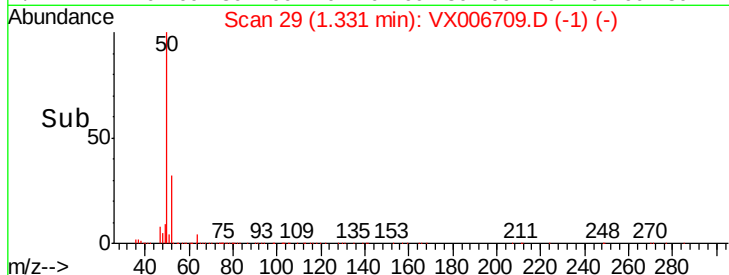
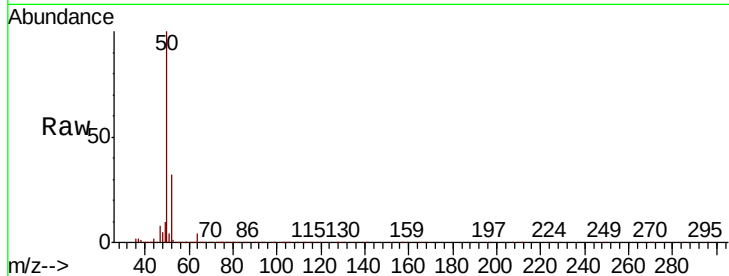




#3
Chloromethane
Concen: 43.716 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

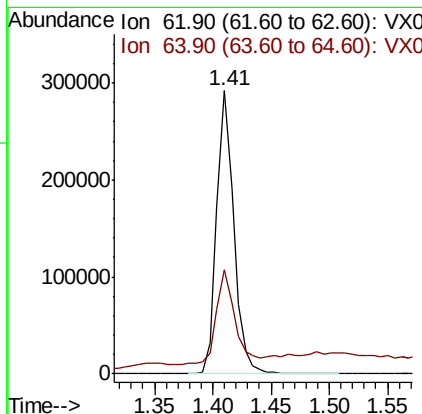
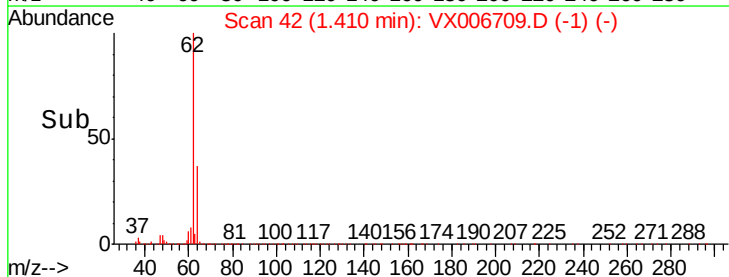
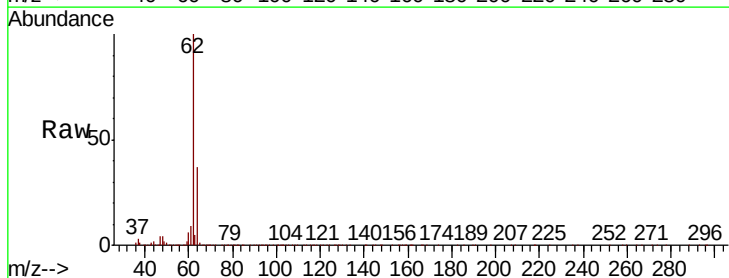
Instrument :
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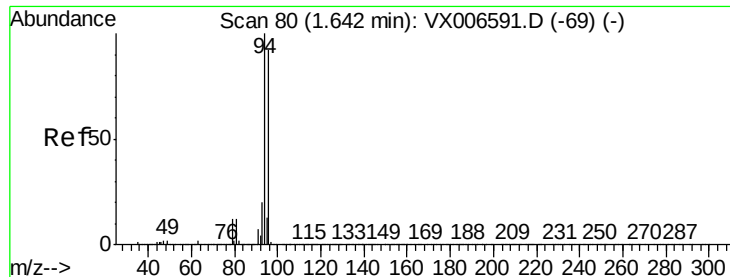
Tot Ion: 50 Resp: 254986
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2



#4
Vinyl Chloride
Concen: 48.379 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion: 62 Resp: 294712
Ion Ratio Lower Upper
62 100
64 33.2 25.1 37.7





#5

Bromomethane

Concen: 27.485 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

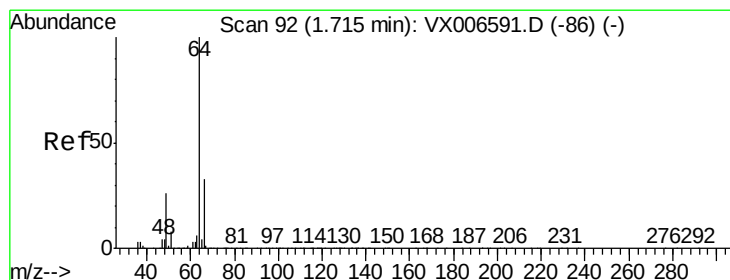
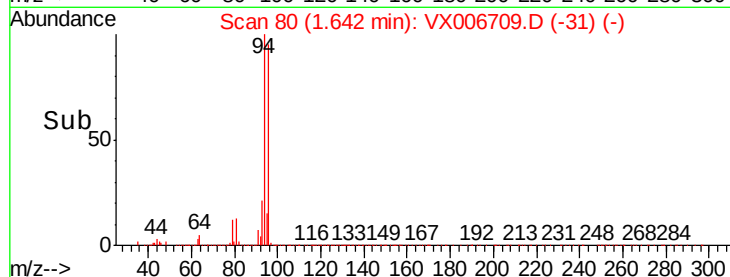
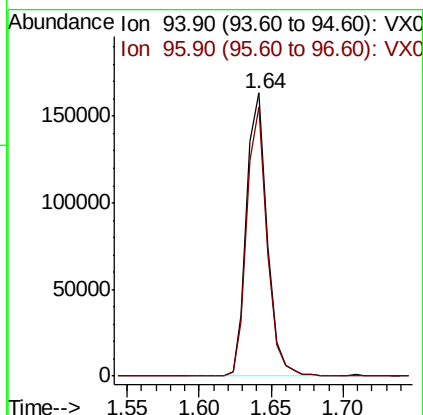
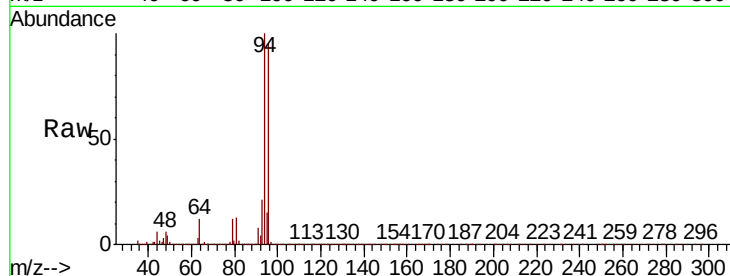
T3-MW-2-9.0-121918MS

Tot Ion: 94 Resp: 161151

Ion Ratio Lower Upper

94 100

96 95.0 73.4 110.2



#6

Chloroethane

Concen: 49.774 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006709.D

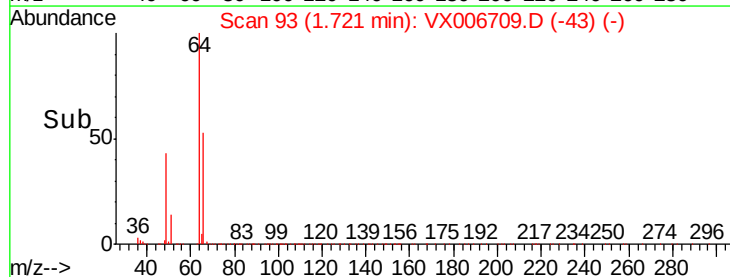
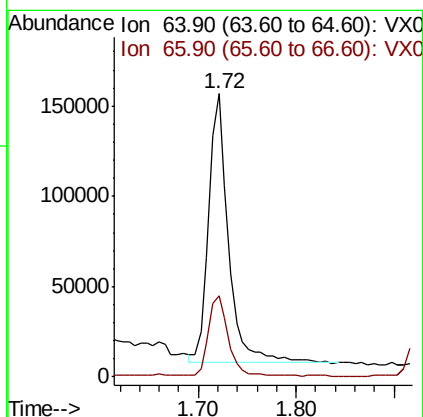
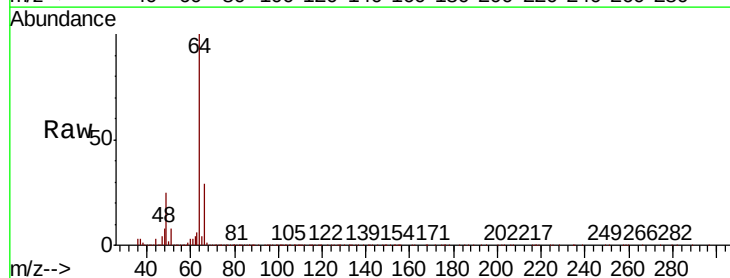
Acq: 21 Dec 2018 06:55

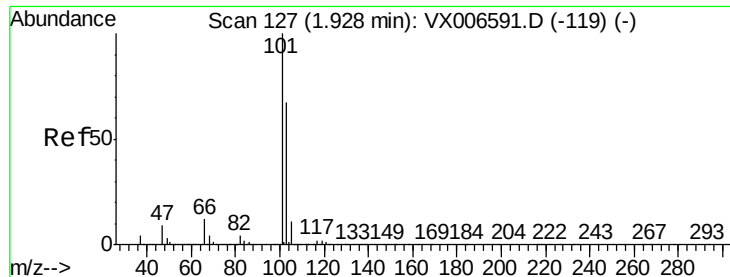
Tgt Ion: 64 Resp: 209946

Ion Ratio Lower Upper

64 100

66 30.1 26.4 39.6



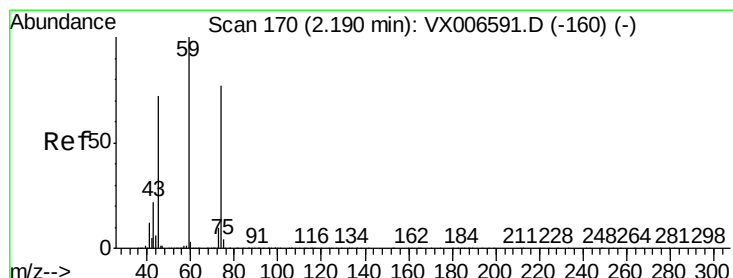
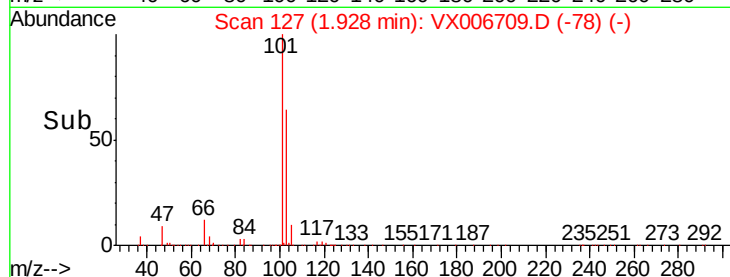
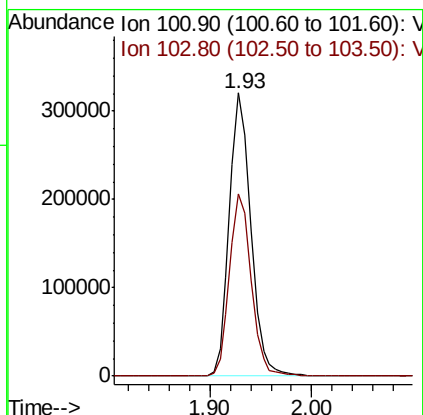
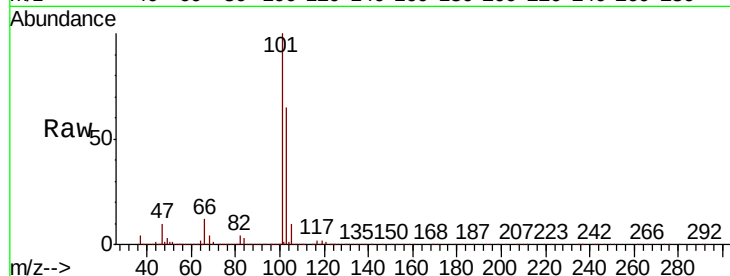


#7

Trichlorofluoromethane
Concen: 49.375 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006709.D
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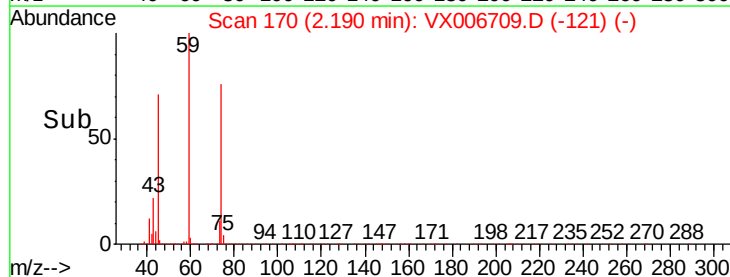
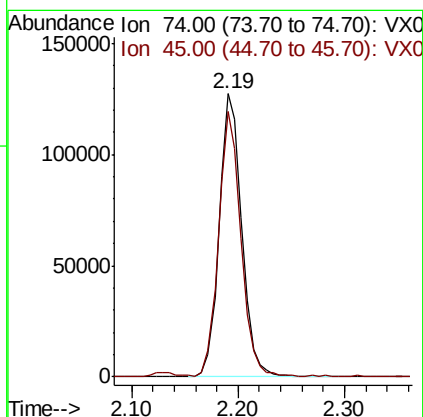
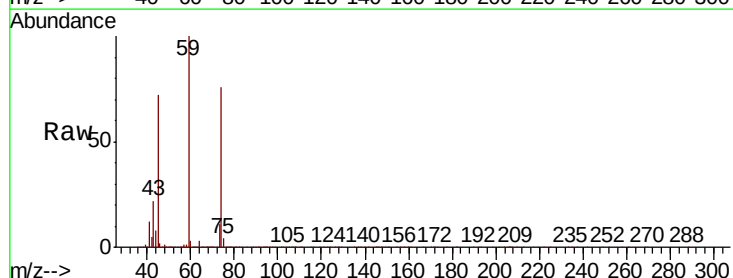
Tot Ion:101 Resp: 468937
Ion Ratio Lower Upper
101 100
103 64.5 53.2 79.8

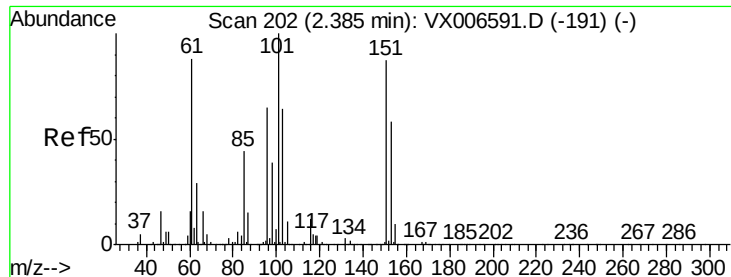


#8

Diethyl Ether
Concen: 49.650 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion: 74 Resp: 187296
Ion Ratio Lower Upper
74 100
45 92.4 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.403 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

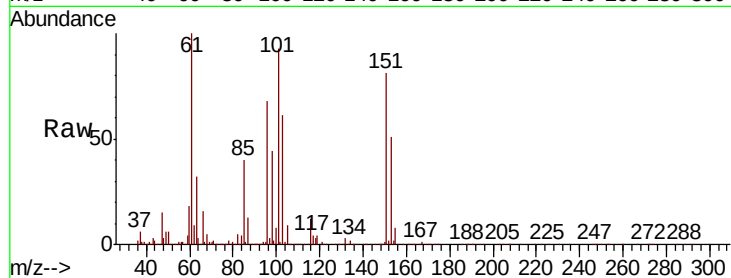
Tot Ion:101 Resp: 269918

Ion Ratio Lower Upper

101 100

85 43.7 35.1 52.7

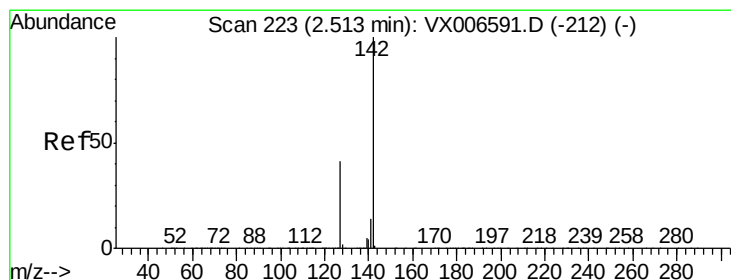
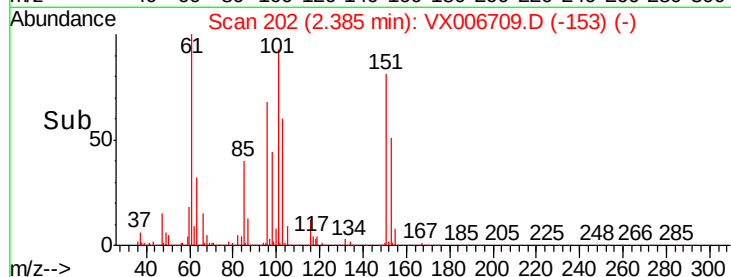
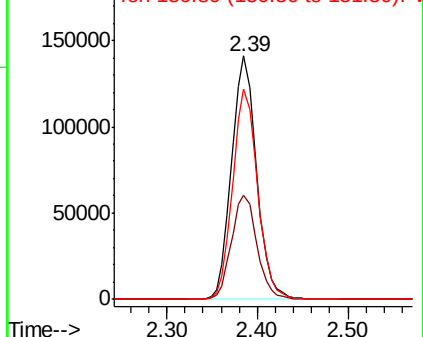
151 86.5 68.9 103.3



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: 32.322 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

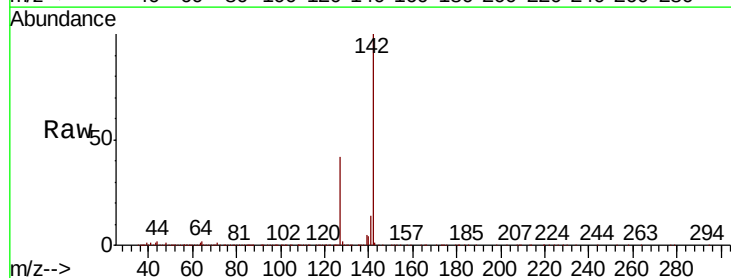
Tgt Ion:142 Resp: 258012

Ion Ratio Lower Upper

142 100

127 42.6 33.9 50.9

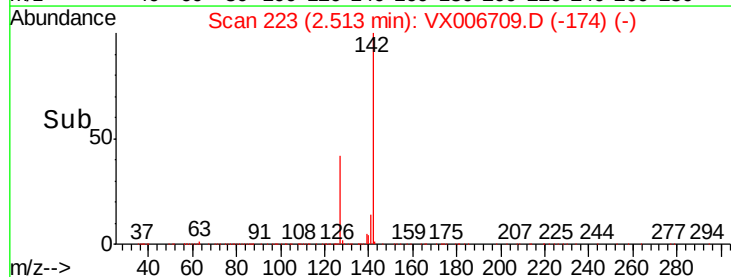
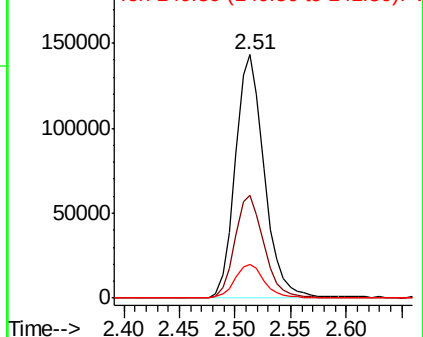
141 14.1 11.4 17.0

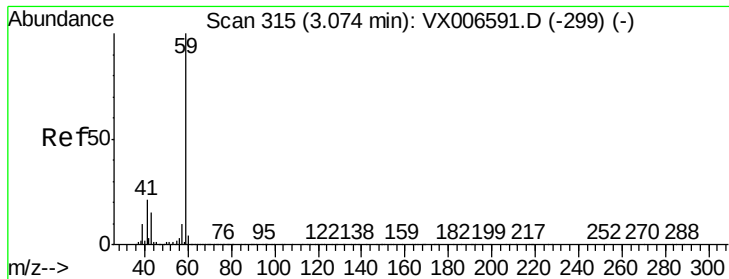


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

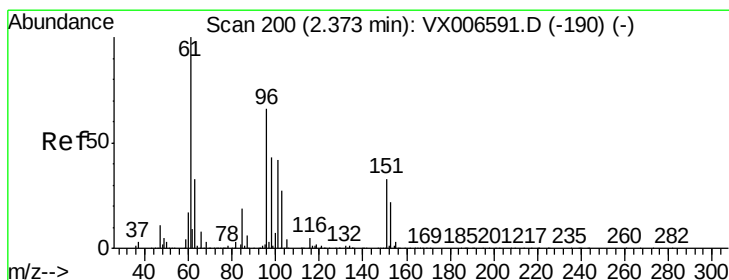
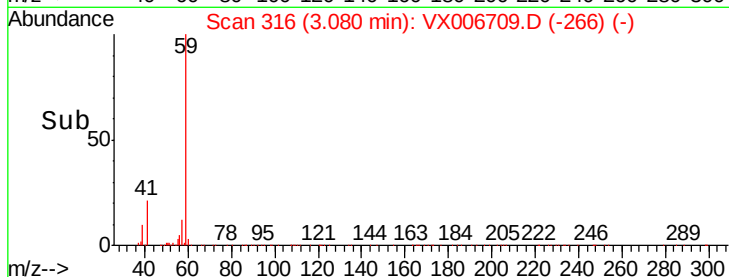
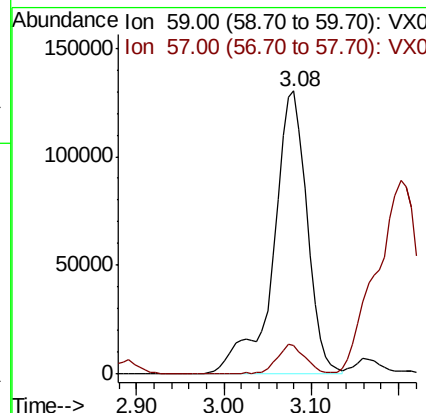
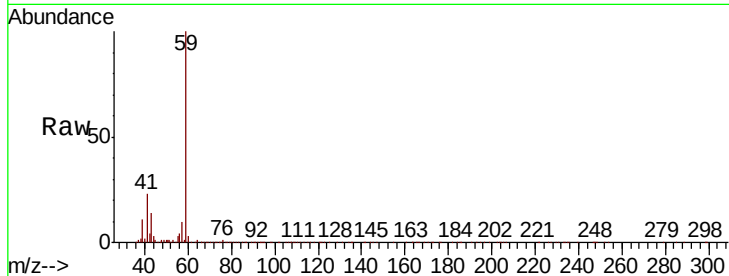




#11
Tert butyl alcohol
Concen: 247.214 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

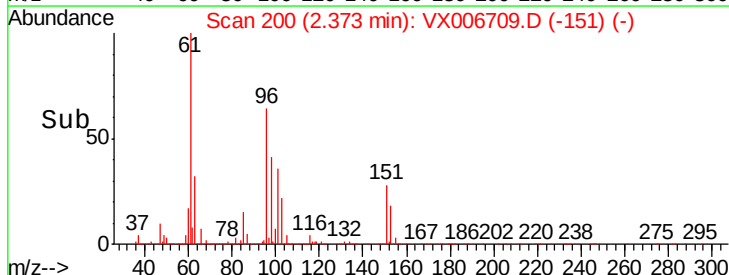
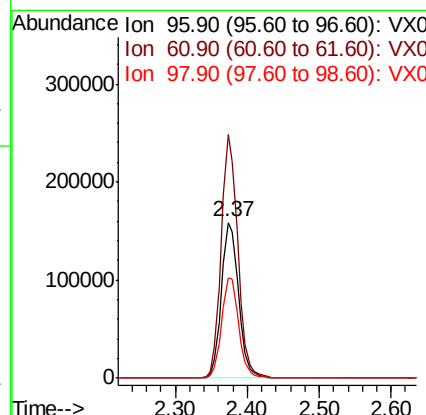
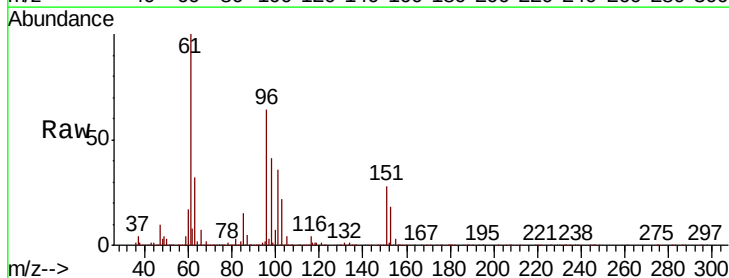
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

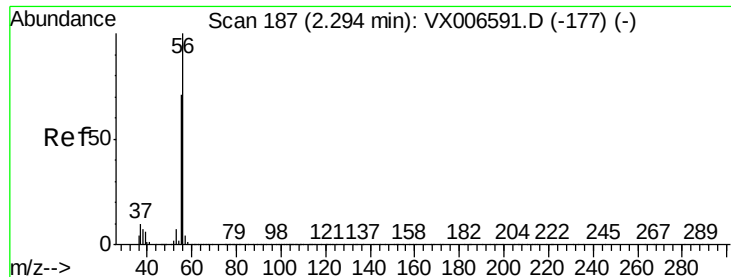
Tot Ion: 59 Resp: 351894
Ion Ratio Lower Upper
59 100
57 9.0 8.5 12.7



#12
1,1-Dichloroethene
Concen: 49.291 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion: 96 Resp: 260628
Ion Ratio Lower Upper
96 100
61 156.5 121.4 182.2
98 64.3 51.9 77.9





#13

Acrolein

Concen: 209.339 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

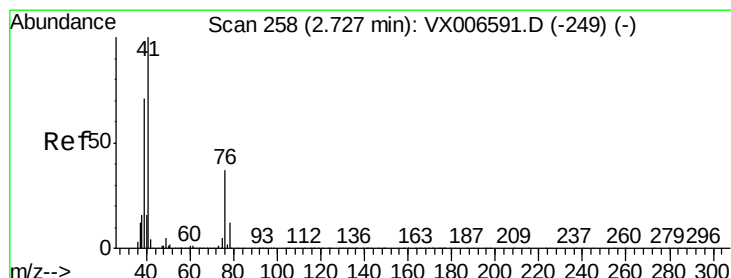
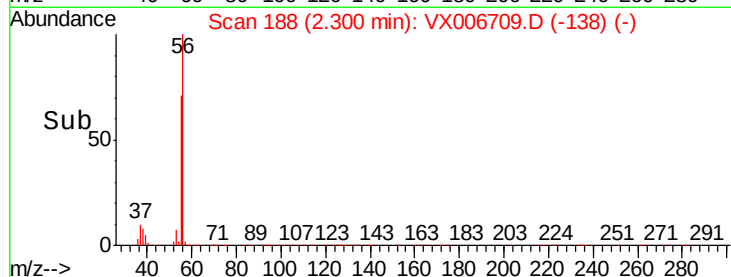
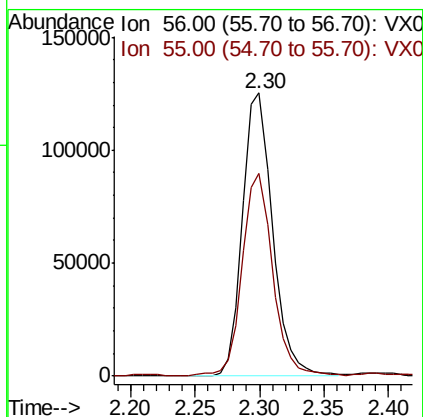
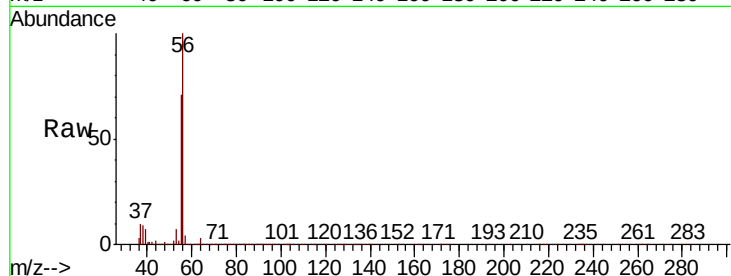
T3-MW-2-9.0-121918MS

Tot Ion: 56 Resp: 201020

Ion Ratio Lower Upper

56 100

55 72.3 58.2 87.4



#14

Allyl chloride

Concen: 47.778 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

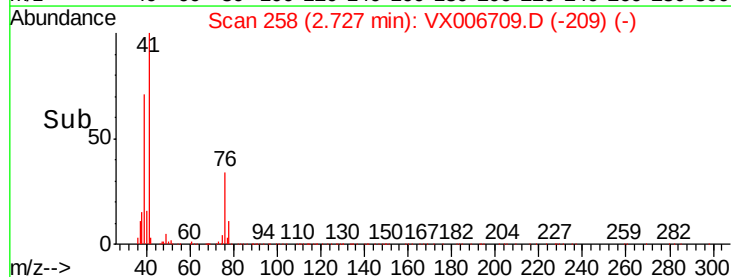
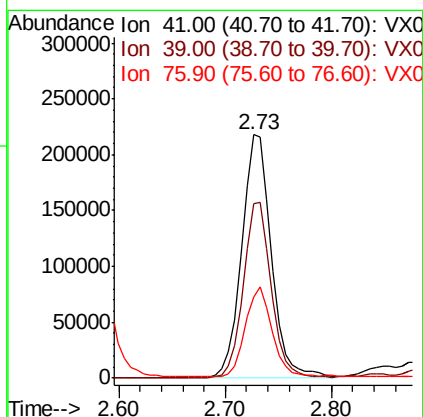
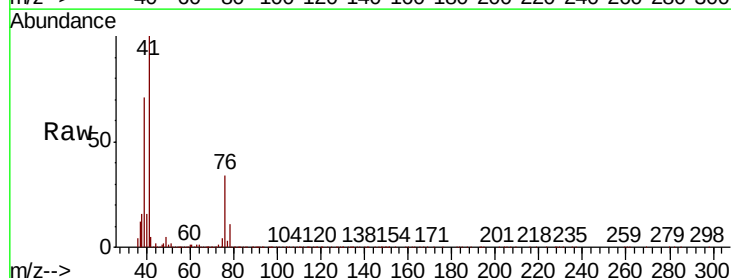
Tgt Ion: 41 Resp: 425239

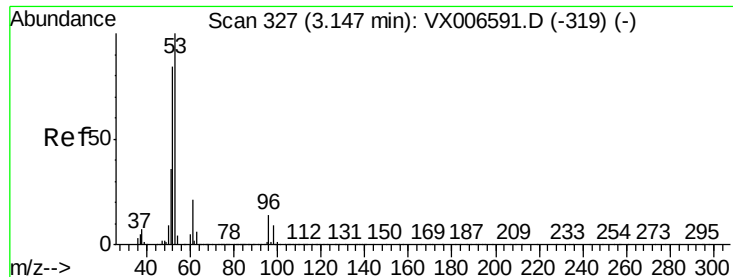
Ion Ratio Lower Upper

41 100

39 67.6 53.6 80.4

76 34.3 27.4 41.2





#15

Acrylonitrile

Concen: 261.905 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

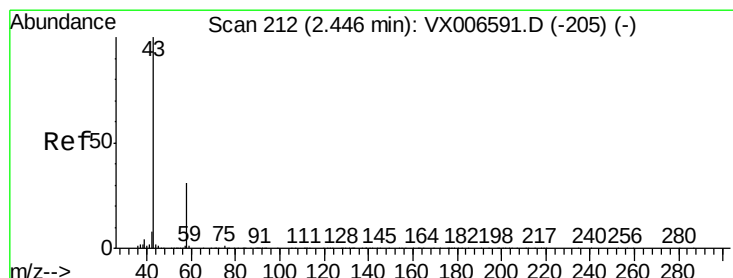
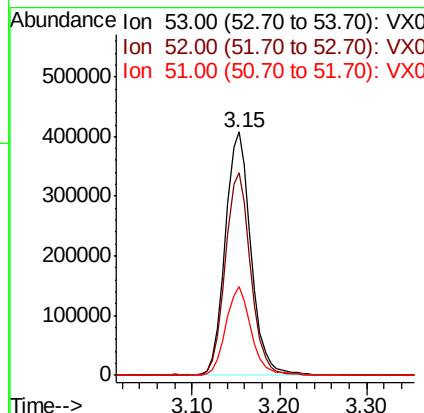
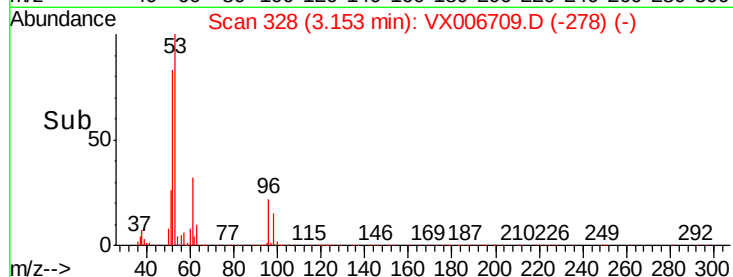
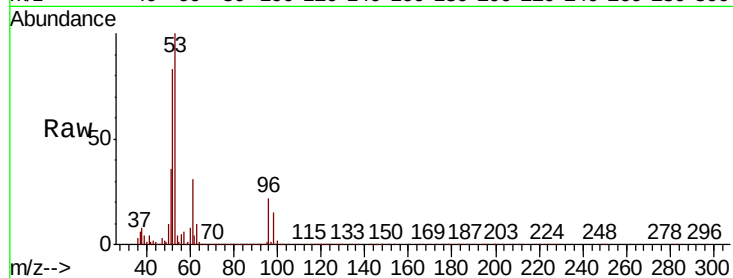
Tot Ion: 53 Resp: 827743

Ion Ratio Lower Upper

53 100

52 82.3 66.0 99.0

51 36.1 28.6 42.8



#16

Acetone

Concen: 240.772 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006709.D

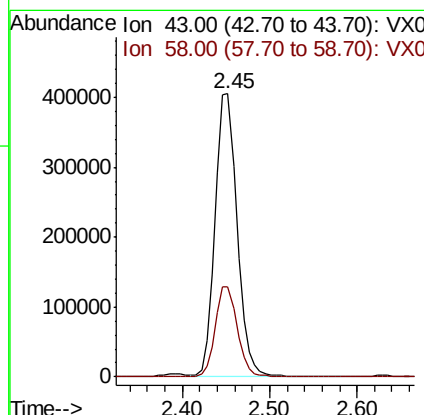
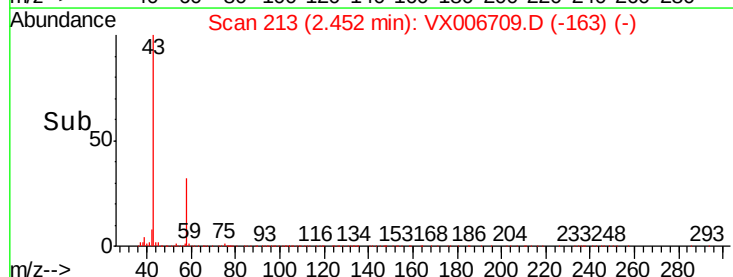
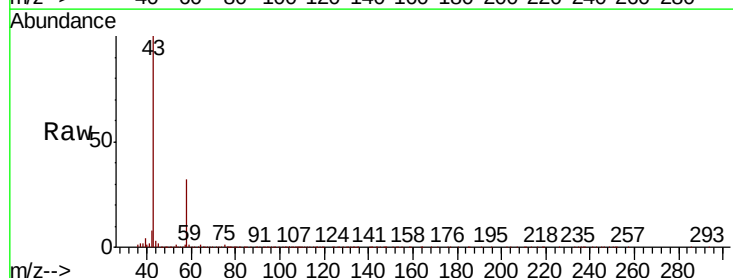
Acq: 21 Dec 2018 06:55

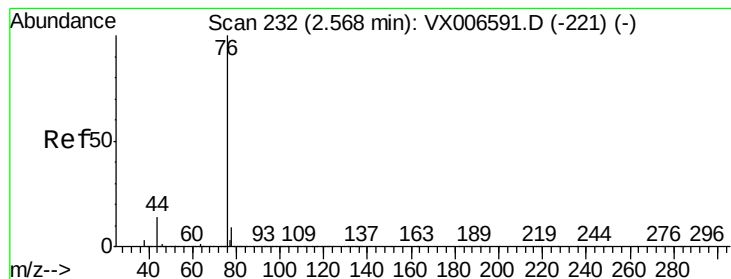
Tgt Ion: 43 Resp: 705545

Ion Ratio Lower Upper

43 100

58 31.8 25.0 37.6





#17

Carbon Disulfide

Concen: 43.269 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

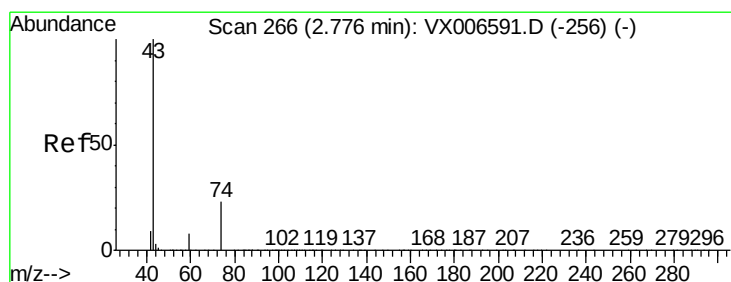
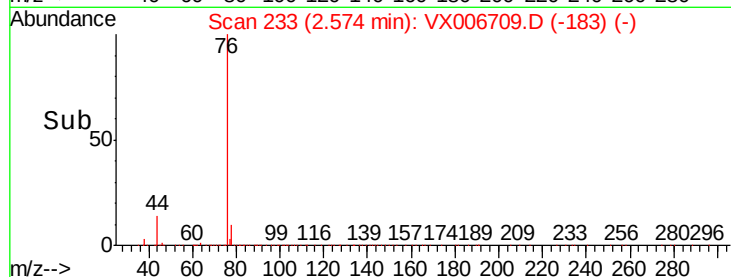
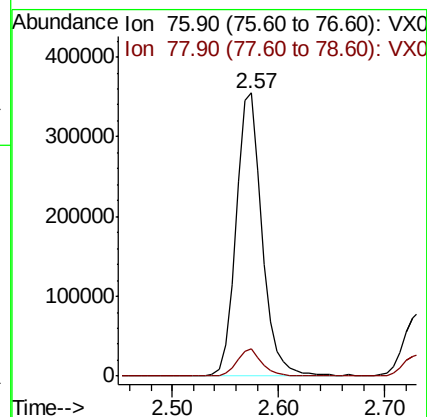
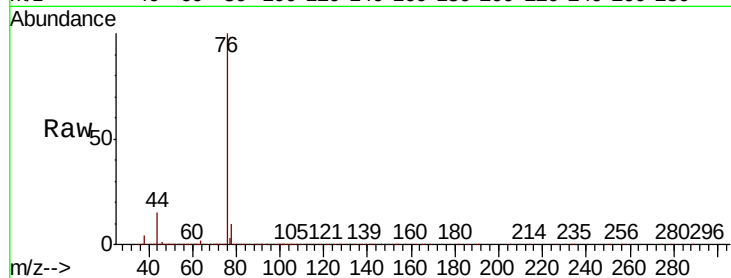
T3-MW-2-9.0-121918MS

Tot Ion: 76 Resp: 605462

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6



#18

Methyl Acetate

Concen: 48.698 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006709.D

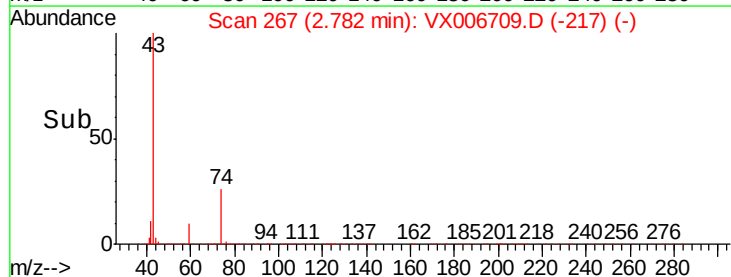
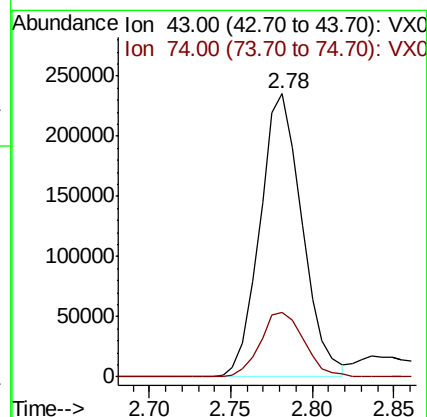
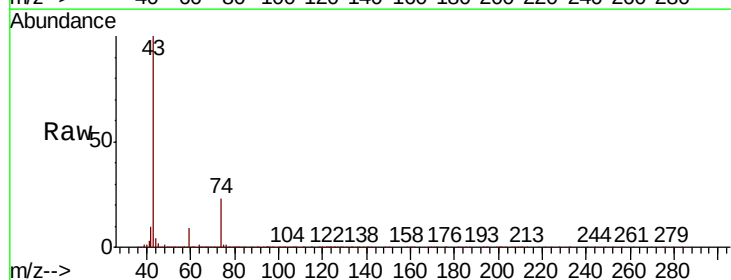
Acq: 21 Dec 2018 06:55

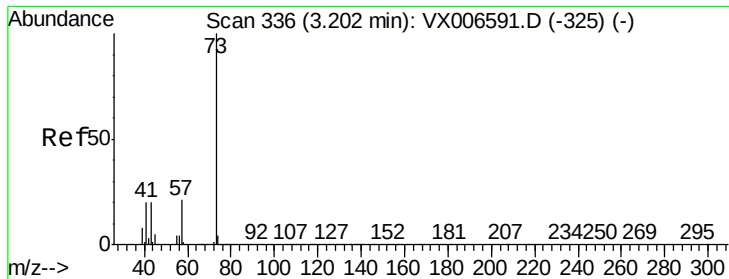
Tgt Ion: 43 Resp: 419612

Ion Ratio Lower Upper

43 100

74 24.5 18.6 28.0

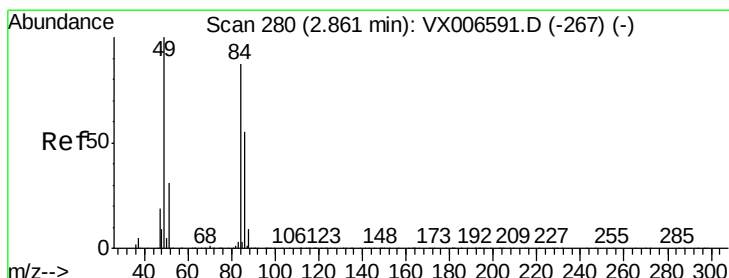
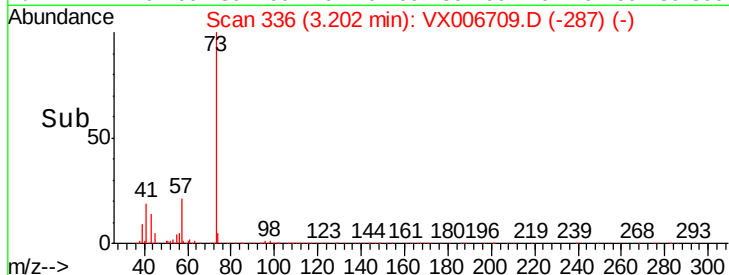
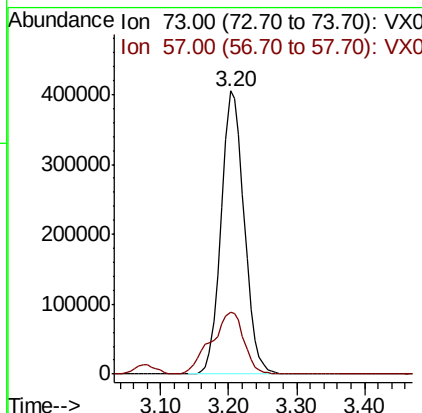
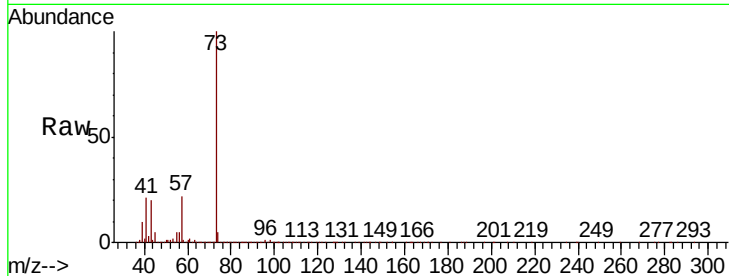




#19
Methyl tert-butyl Ether
Concen: 54.094 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

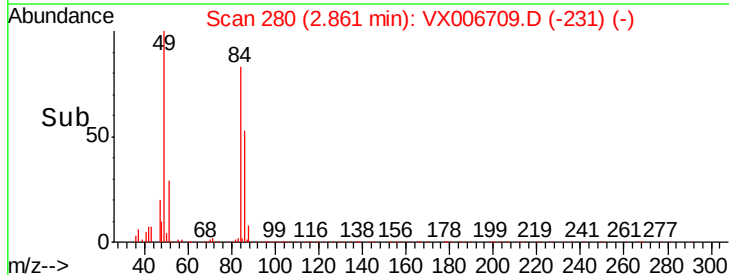
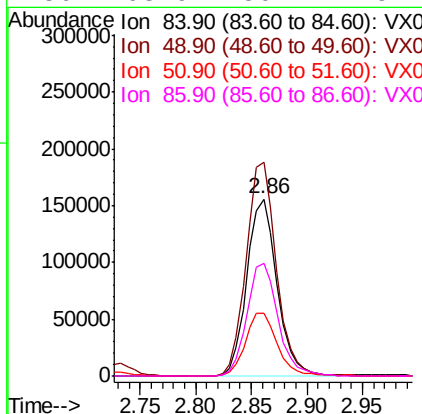
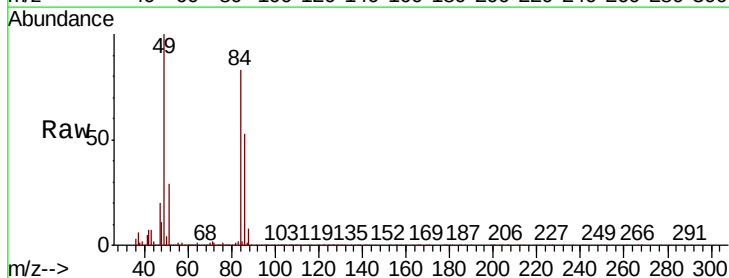
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

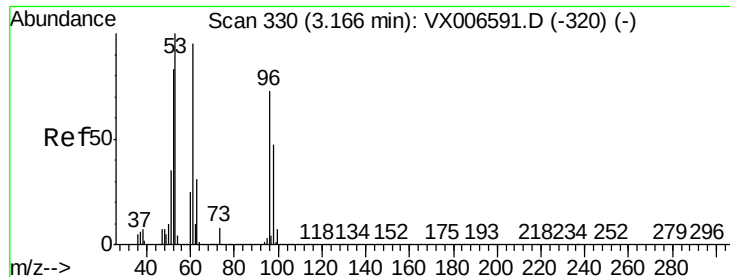
Tot Ion: 73 Resp: 949328
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2



#20
Methylene Chloride
Concen: 48.639 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion: 84 Resp: 294722
Ion Ratio Lower Upper
84 100
49 120.9 91.8 137.6
51 35.4 28.5 42.7
86 63.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.621 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

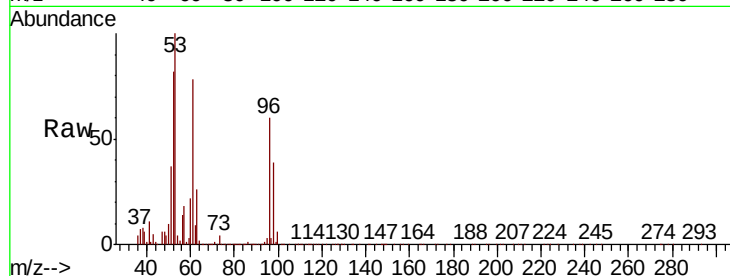
Tot Ion: 96 Resp: 278996

Ion Ratio Lower Upper

96 100

61 129.1 103.7 155.5

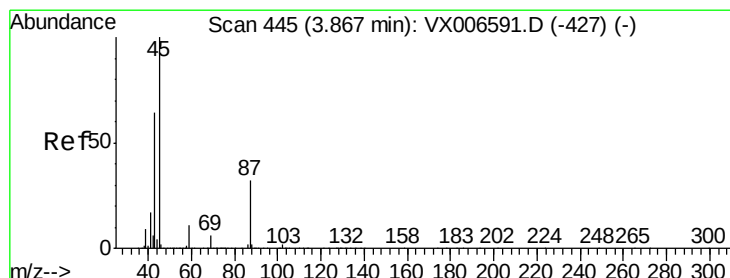
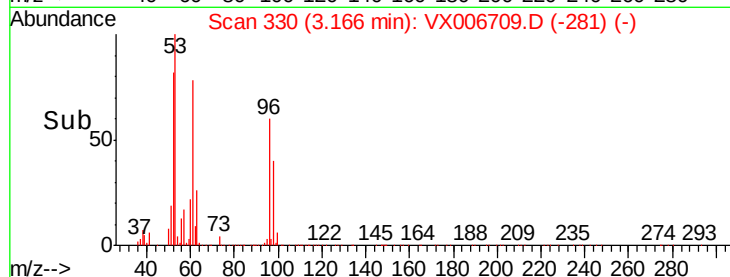
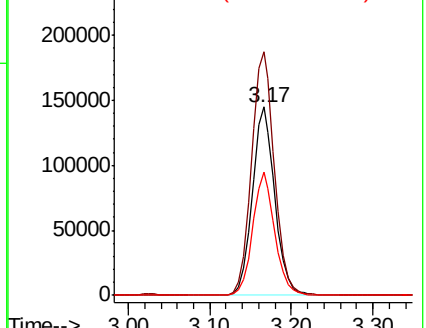
98 65.8 51.0 76.6



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: 52.296 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion: 45 Resp: 851508

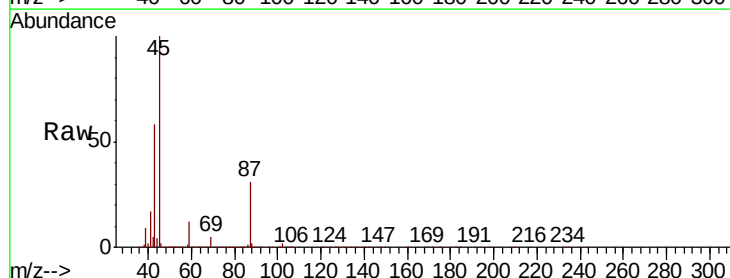
Ion Ratio Lower Upper

45 100

43 57.9 51.2 76.8

87 30.6 25.8 38.6

59 12.3 9.0 13.4

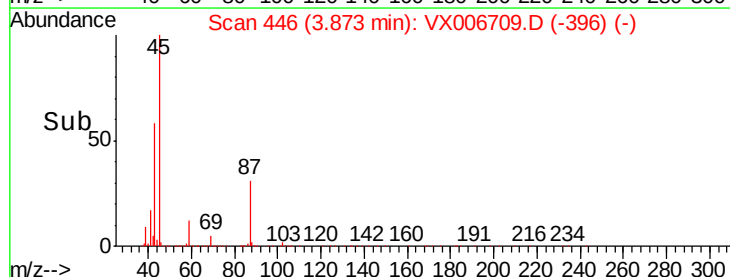
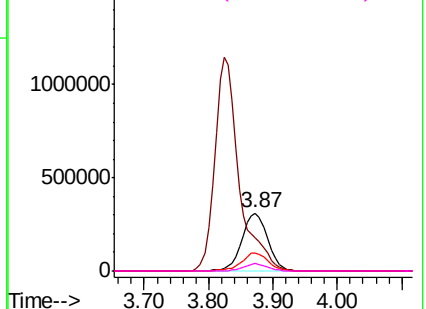


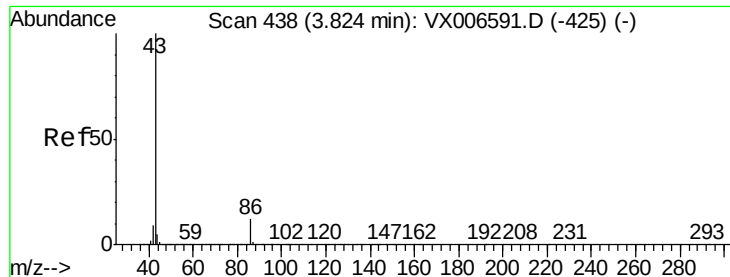
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 227.586 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

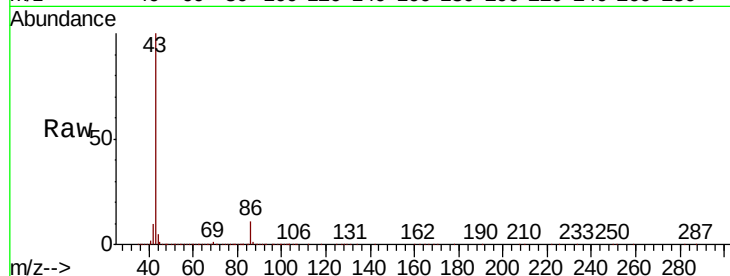
T3-MW-2-9.0-121918MS

Tot Ion: 43 Resp: 3031117

Ion Ratio Lower Upper

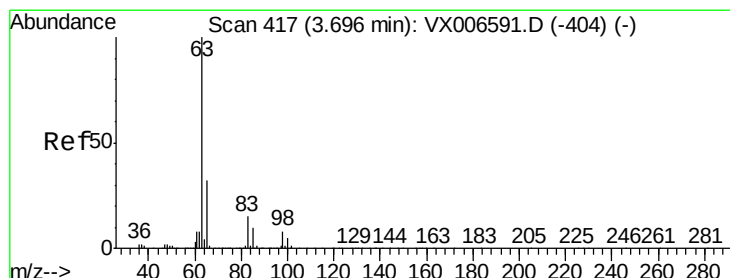
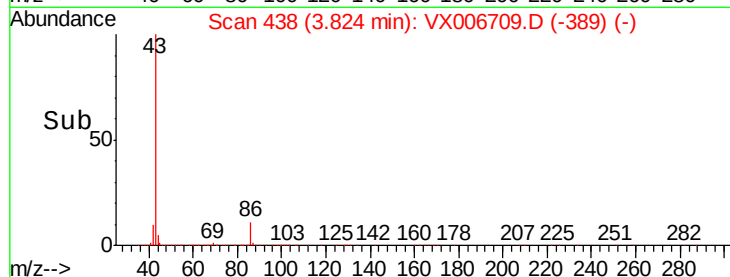
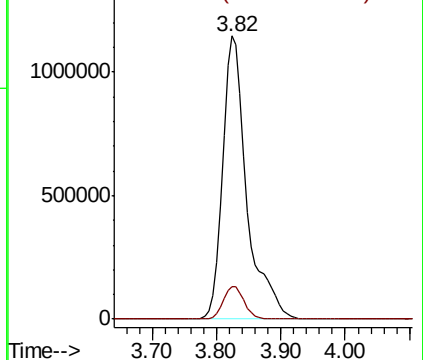
43 100

86 11.4 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.963 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

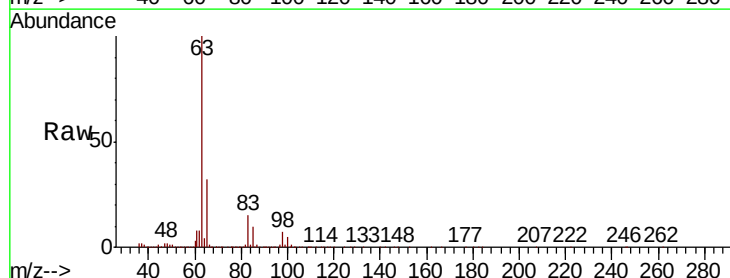
Tgt Ion: 63 Resp: 475918

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

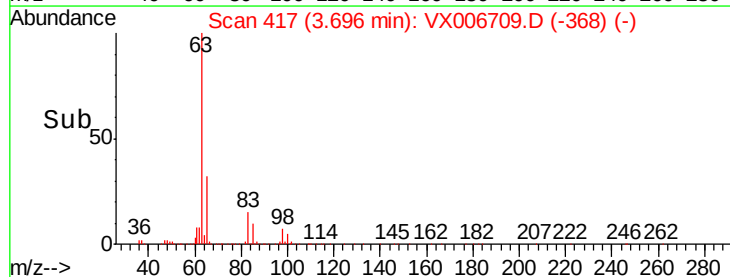
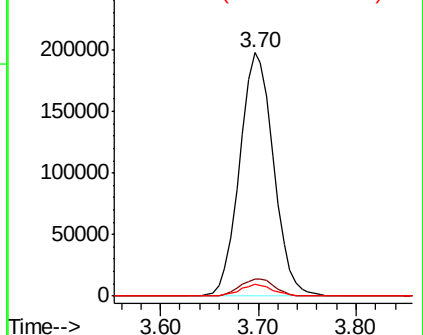
100 4.7 2.4 7.2

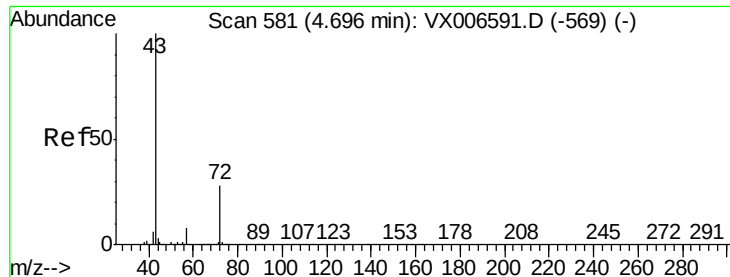


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 245.996 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

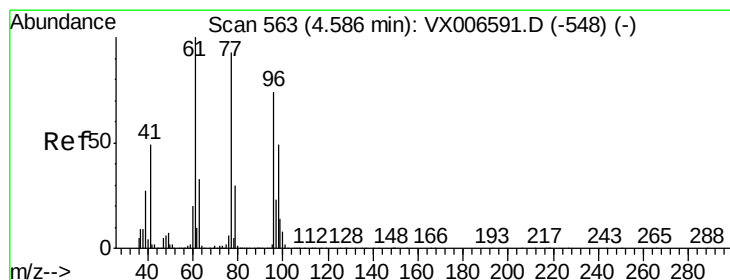
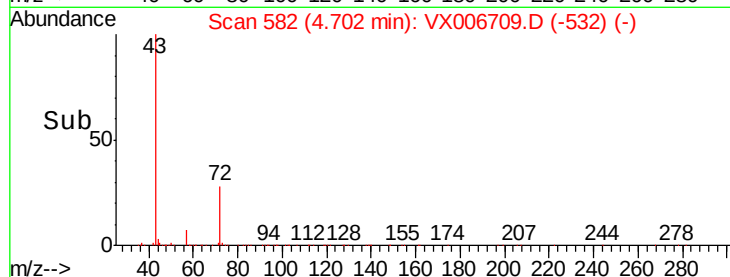
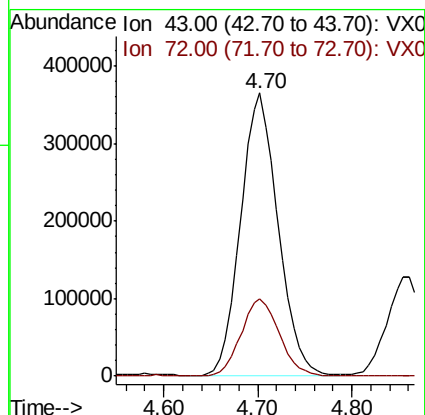
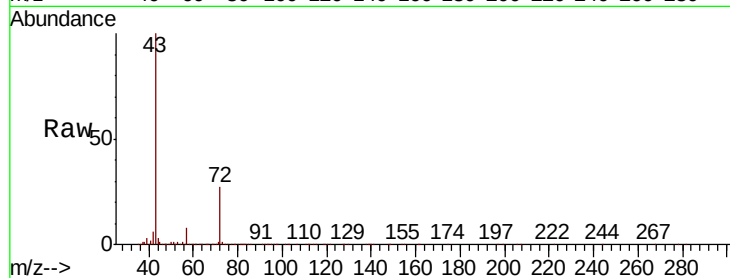
T3-MW-2-9.0-121918MS

Tot Ion: 43 Resp: 1013967

Ion Ratio Lower Upper

43 100

72 27.2 22.4 33.6



#26

2,2-Dichloropropane

Concen: 31.601 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006709.D

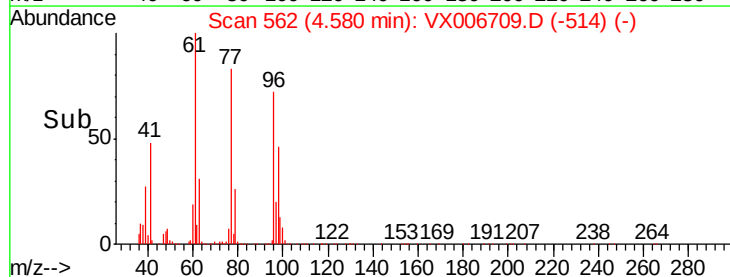
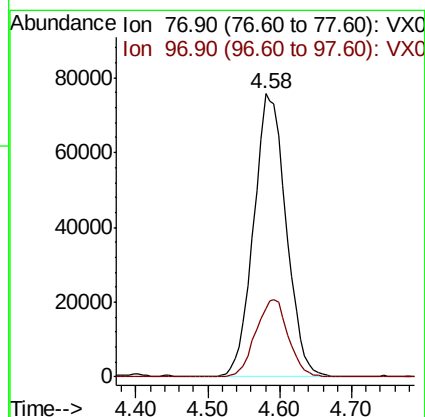
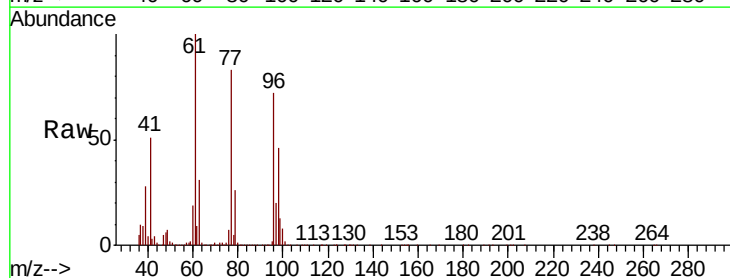
Acq: 21 Dec 2018 06:55

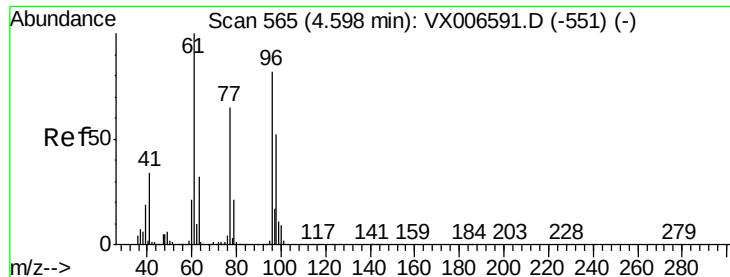
Tgt Ion: 77 Resp: 237265

Ion Ratio Lower Upper

77 100

97 27.3 12.4 37.4



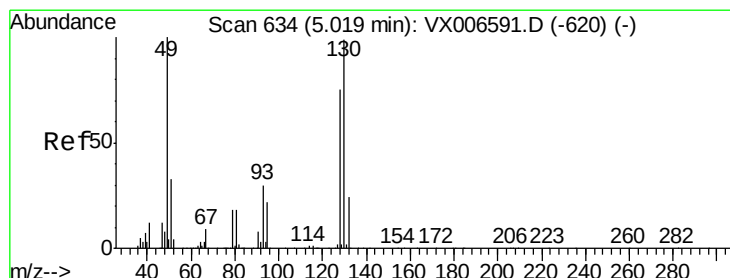
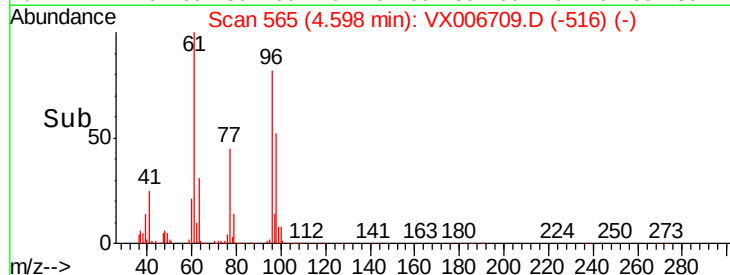
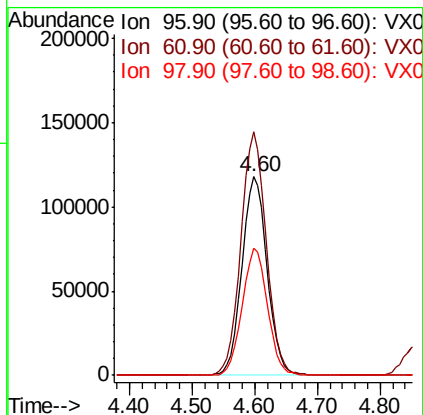
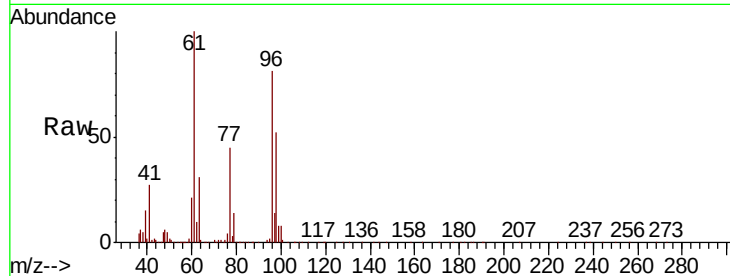


#27

cis-1,2-Dichloroethene
Concen: 50.555 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

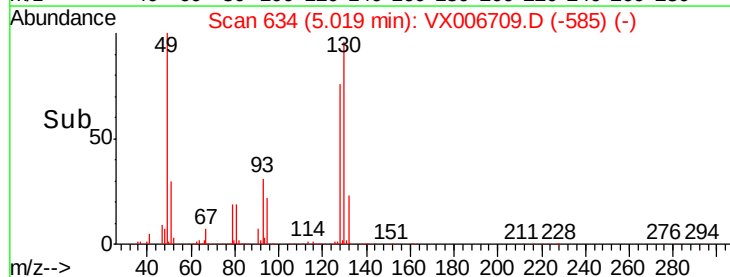
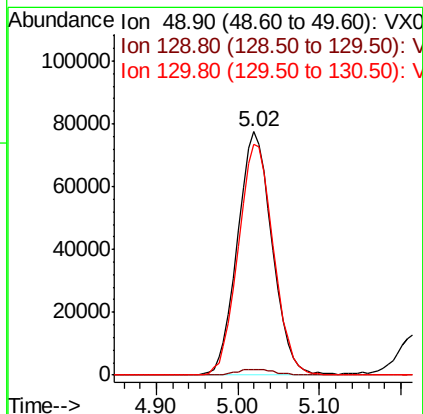
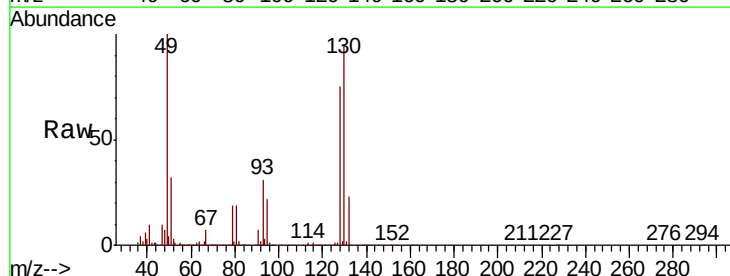
Tot Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	258.6
98	64.5	0.0	132.0

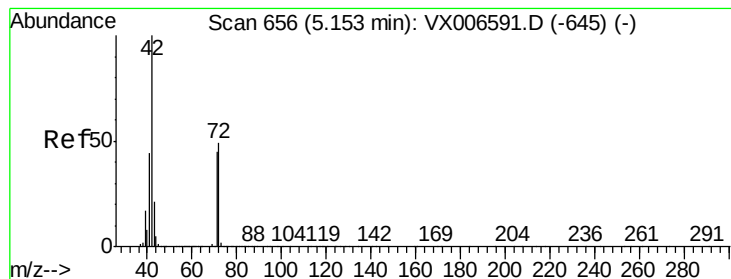


#28

Bromochloromethane
Concen: 56.015 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	96.3	77.7	116.5





#29

Tetrahydrofuran

Concen: 256.142 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

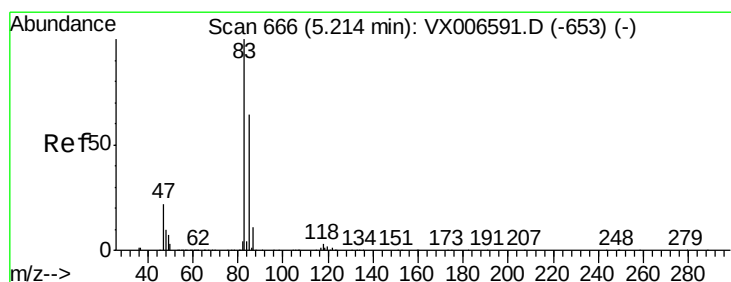
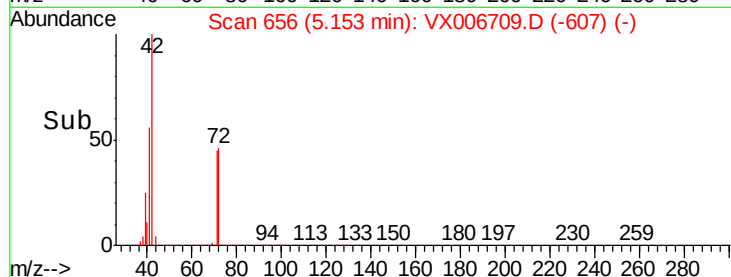
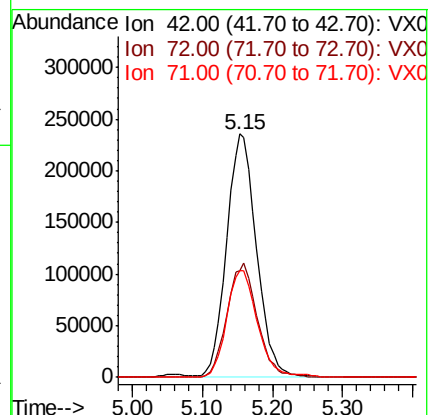
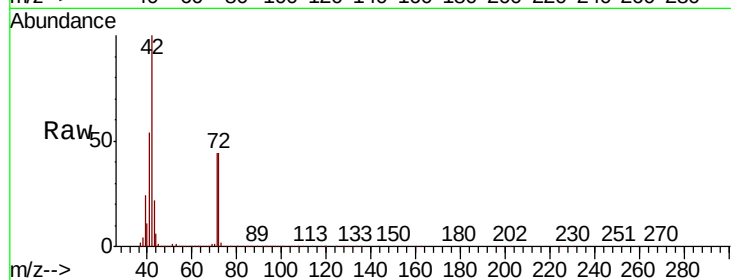
Tot Ion: 42 Resp: 695376

Ion Ratio Lower Upper

42 100

72 47.6 38.9 58.3

71 45.9 36.2 54.4



#30

Chloroform

Concen: 51.255 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006709.D

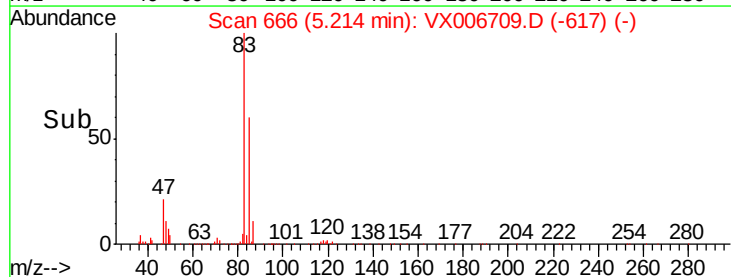
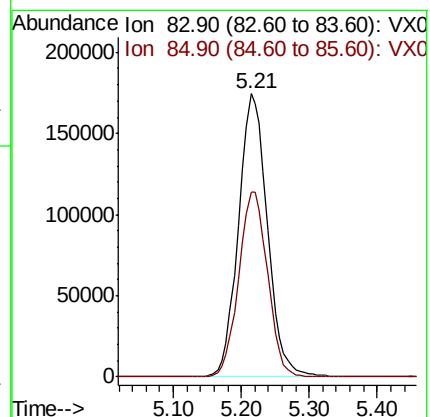
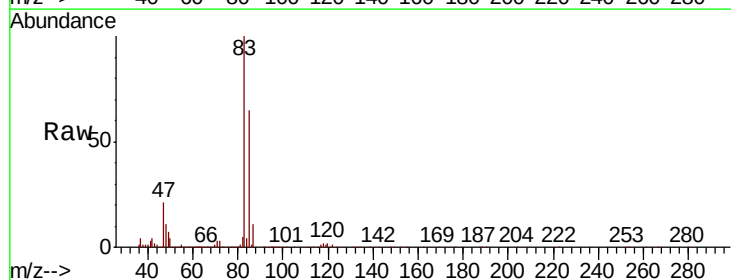
Acq: 21 Dec 2018 06:55

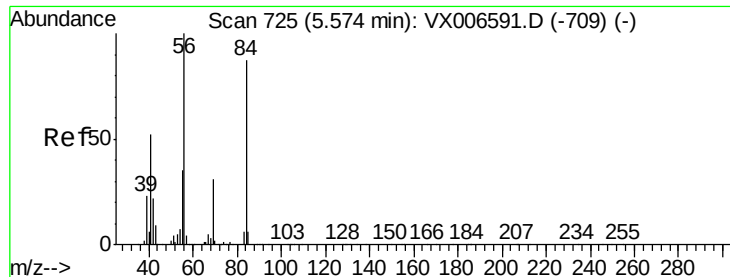
Tgt Ion: 83 Resp: 515908

Ion Ratio Lower Upper

83 100

85 65.4 51.2 76.8

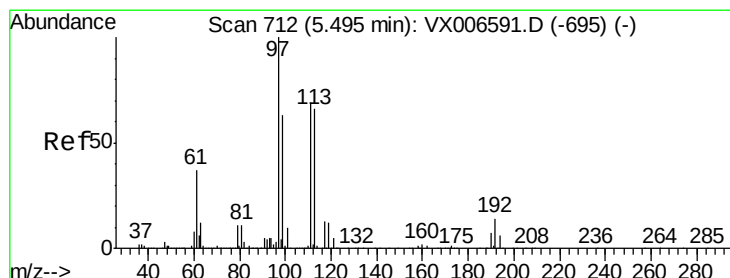
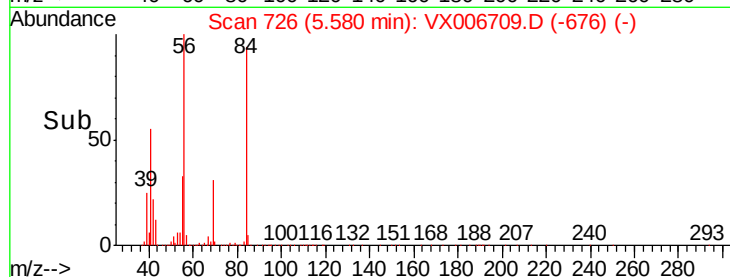
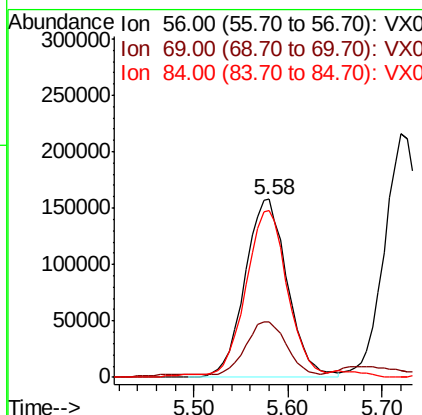
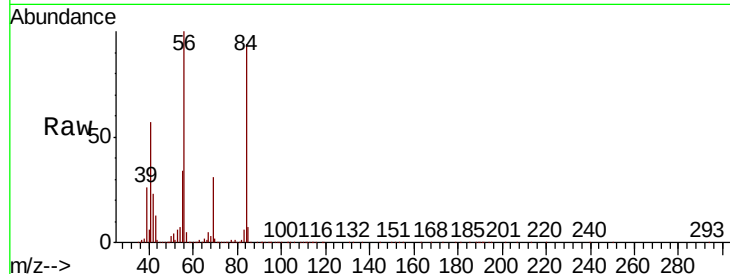




#31
Cyclohexane
Concen: 55.996 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

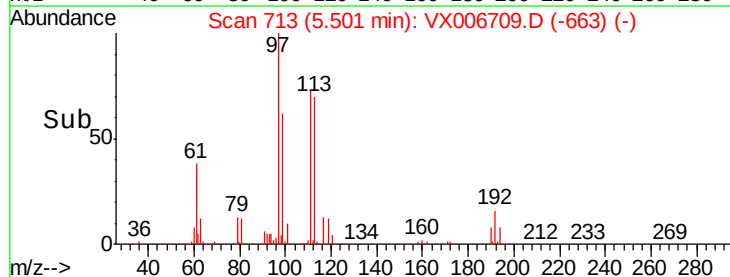
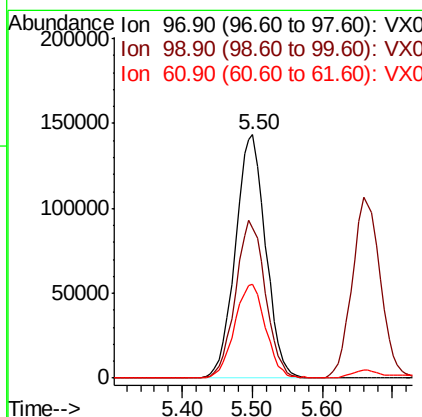
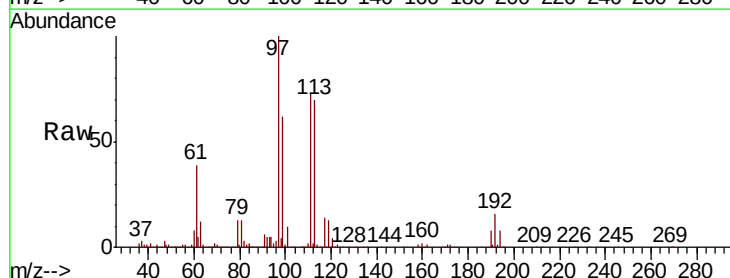
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

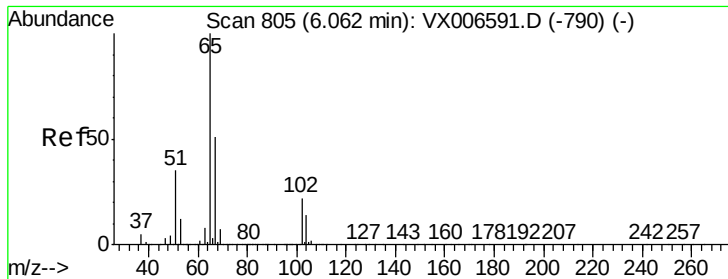
Tot Ion: 56 Resp: 494459
Ion Ratio Lower Upper
56 100
69 29.5 24.4 36.6
84 92.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.601 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion: 97 Resp: 430067
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 39.5 31.3 46.9

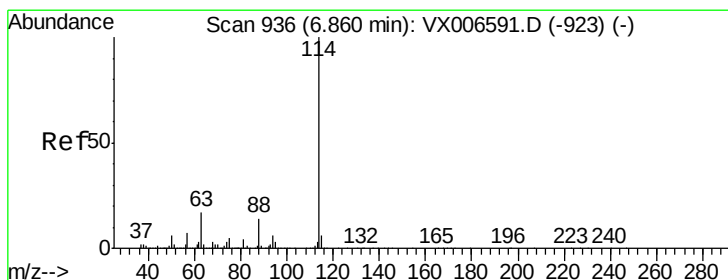
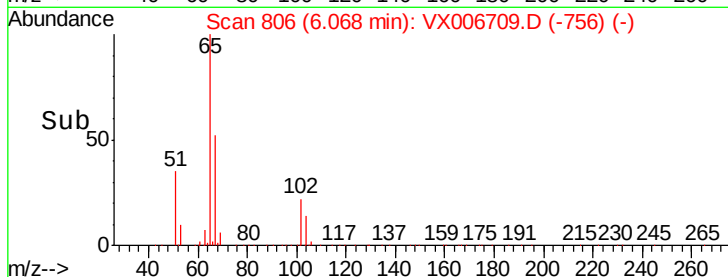
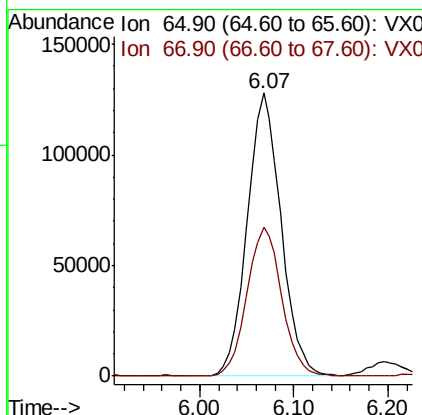
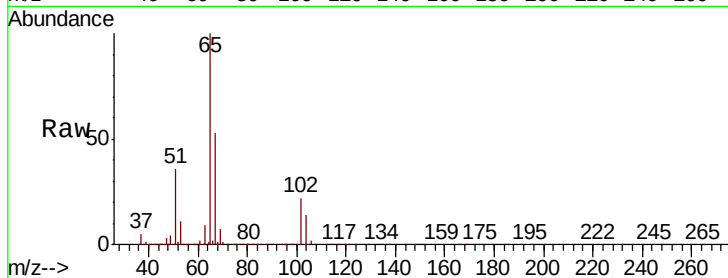




#33
 1,2-Dichloroethane-d4
 Concen: 50.638 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

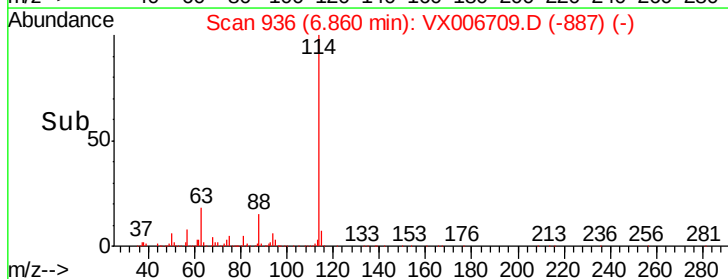
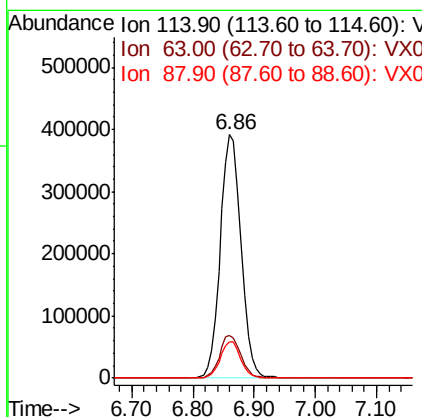
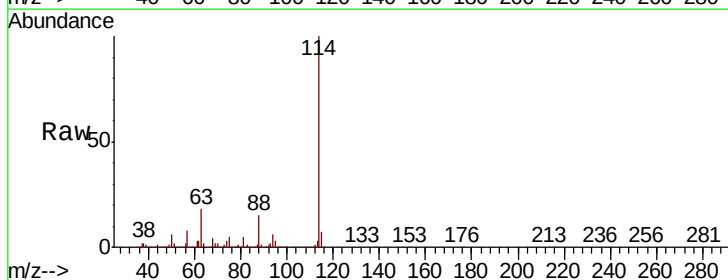
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

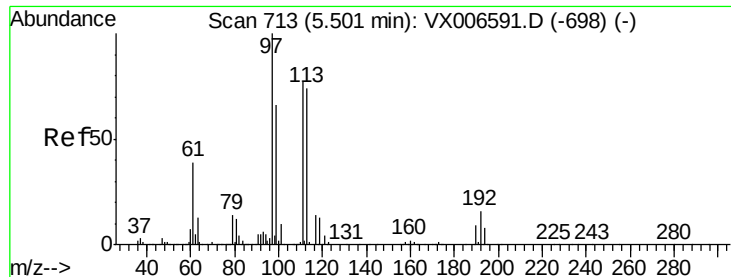
Tot Ion: 65 Resp: 322976
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion: 114 Resp: 925066
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.8
 88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.762 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

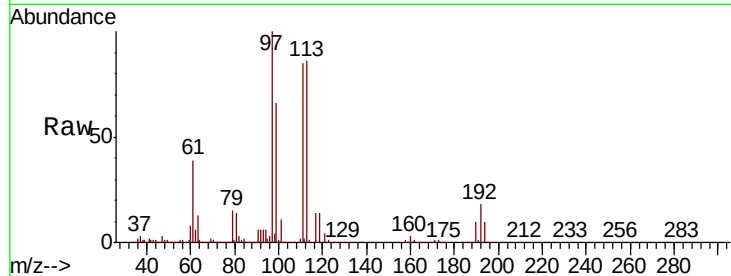
Tot Ion:113 Resp: 296955

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

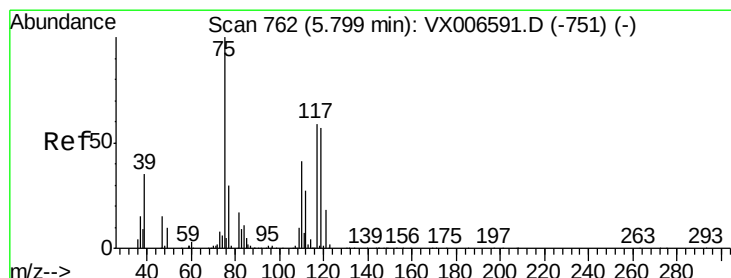
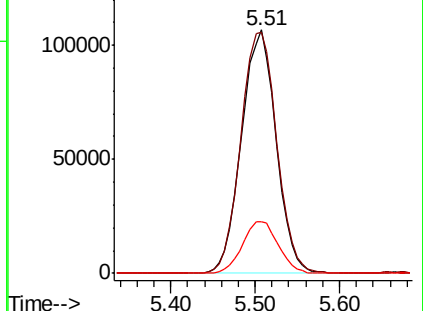
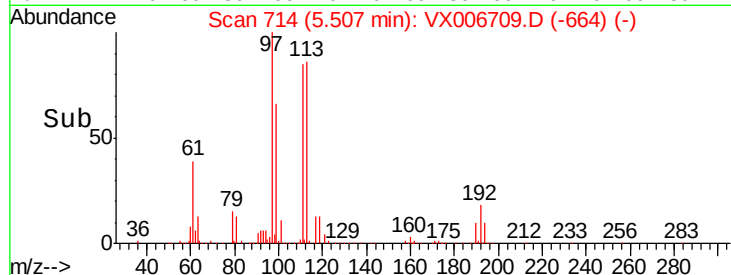
192 22.1 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.464 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

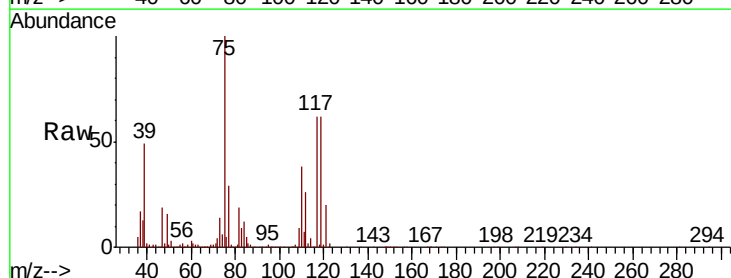
Tgt Ion: 75 Resp: 371312

Ion Ratio Lower Upper

75 100

110 39.9 20.2 60.5

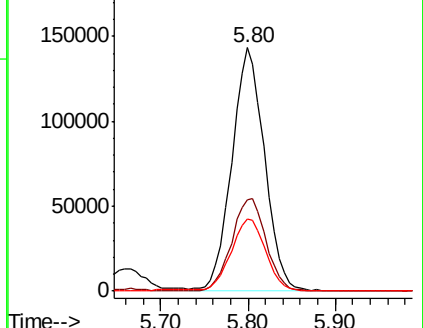
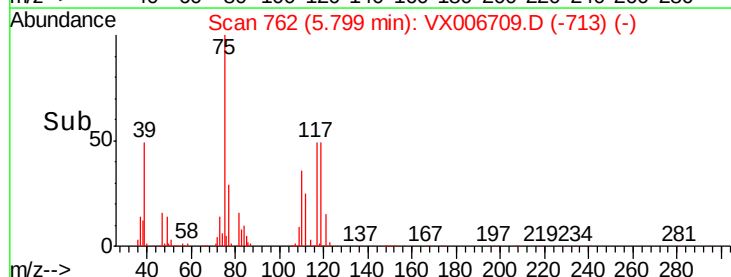
77 31.1 24.8 37.2

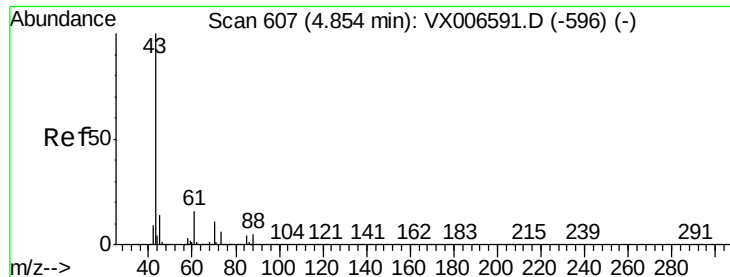


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

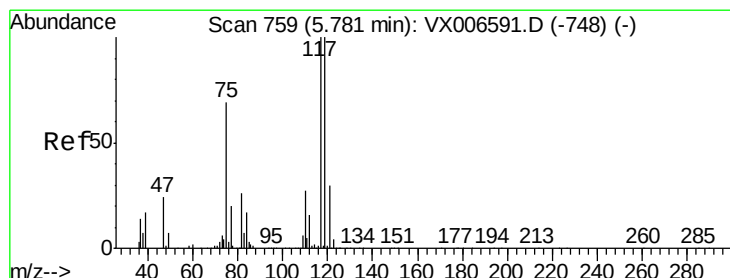
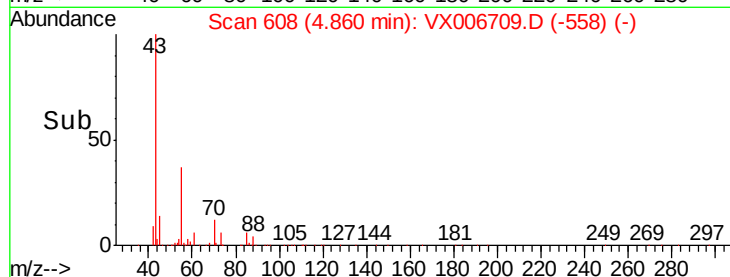
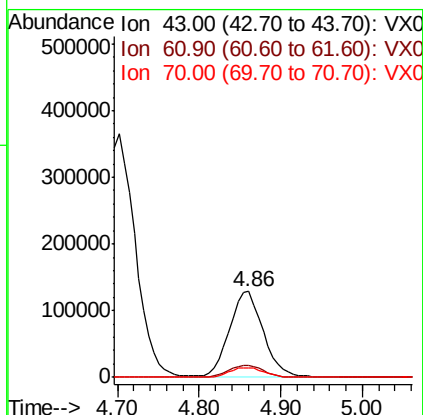
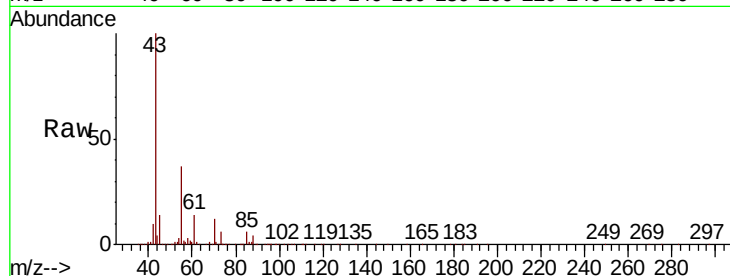




#37
Ethyl Acetate
Concen: 46.285 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

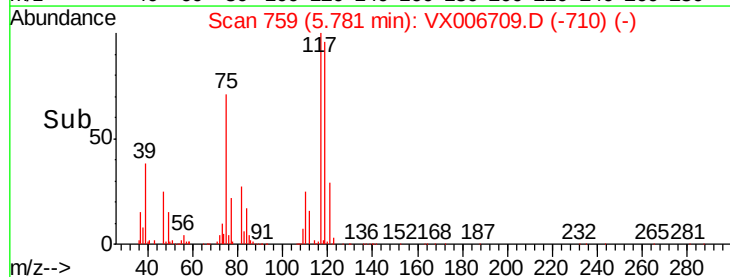
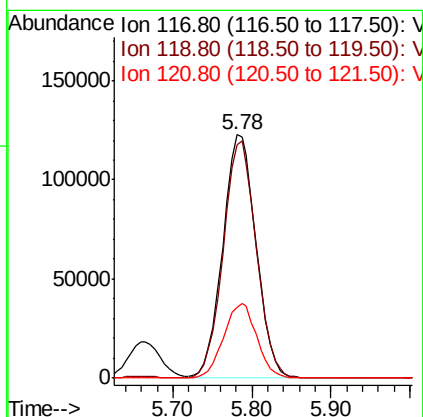
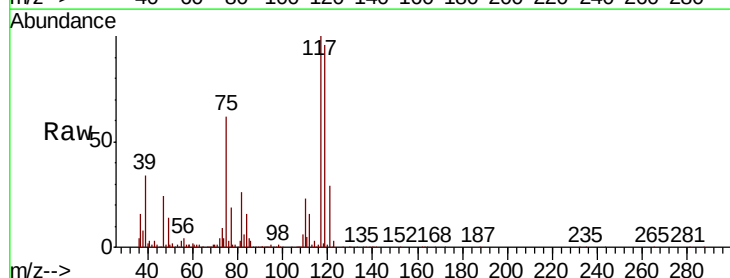
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

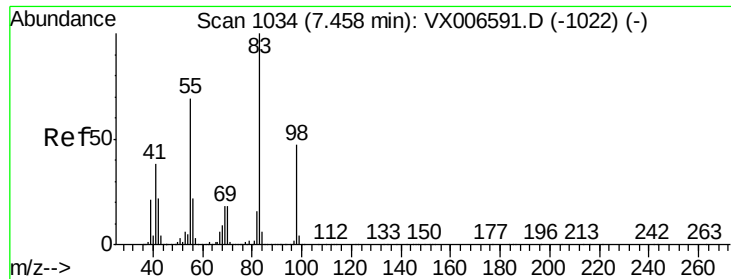
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.9	17.9
70	11.6	9.7	14.5



#38
Carbon Tetrachloride
Concen: 48.439 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	79.4	119.2
121	29.2	24.0	36.0

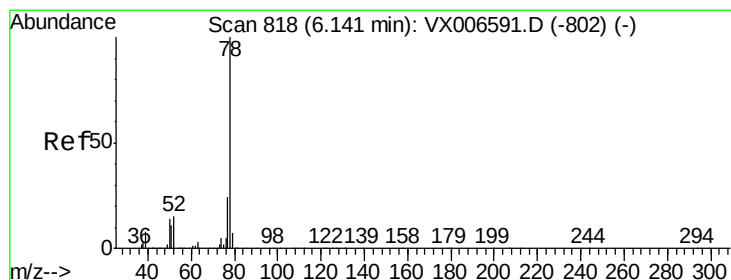
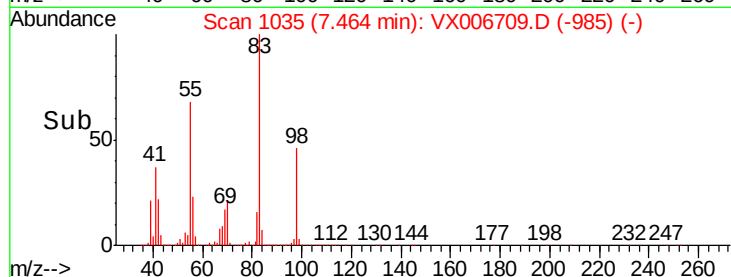
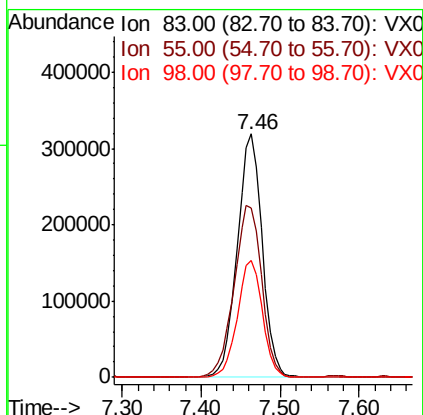
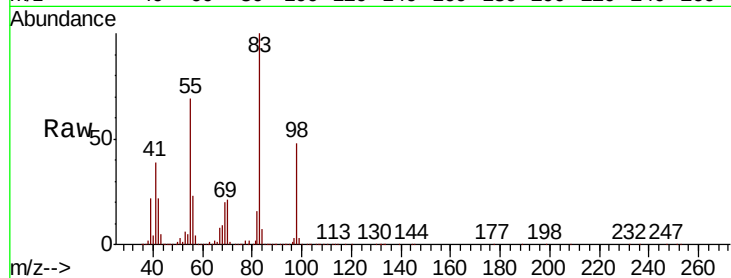




#39
Methylvlcyclohexane
Concen: 69.420 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

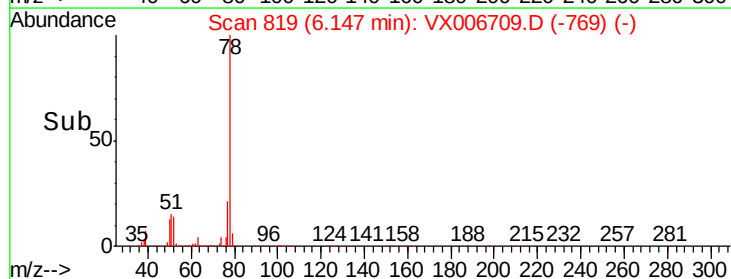
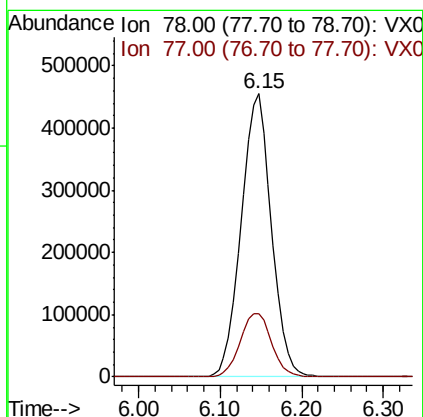
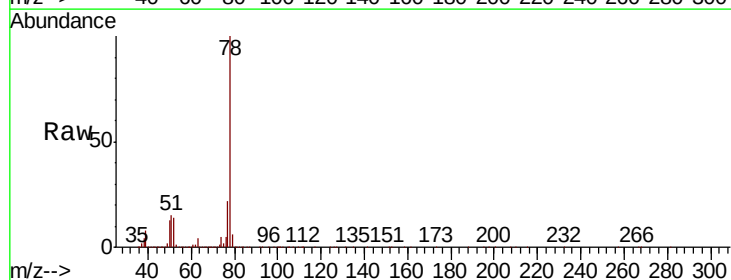
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

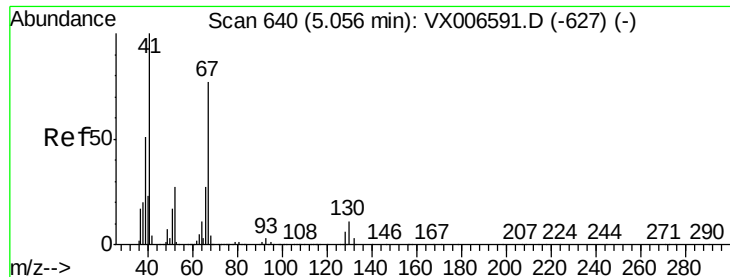
Tot Ion: 83 Resp: 700229
Ion Ratio Lower Upper
83 100
55 69.2 54.9 82.3
98 47.7 37.9 56.9



#40
Benzene
Concen: 50.117 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion: 78 Resp: 1167164
Ion Ratio Lower Upper
78 100
77 22.1 19.2 28.8

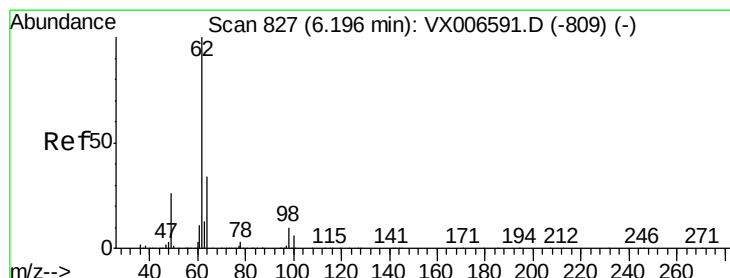
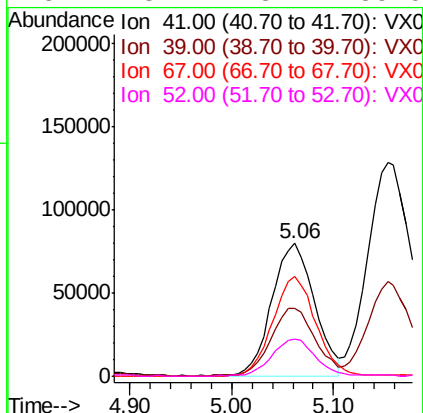
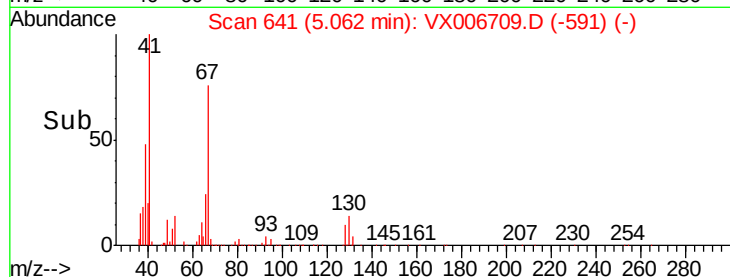
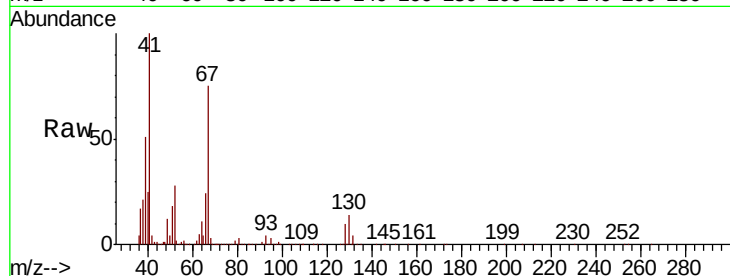




#41
Methacrylonitrile
Concen: 54.707 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

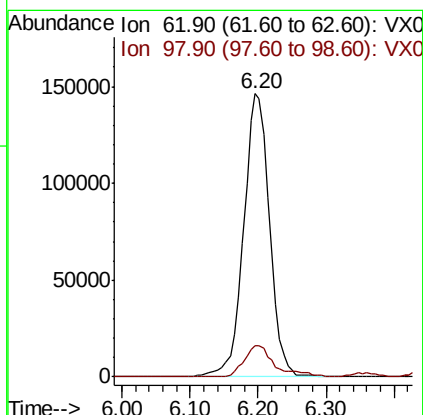
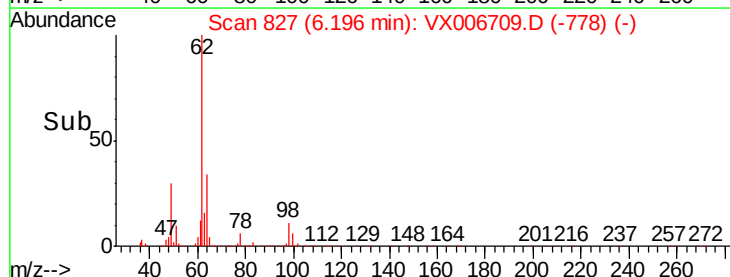
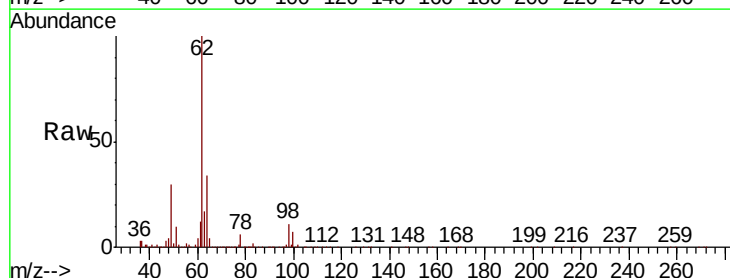
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

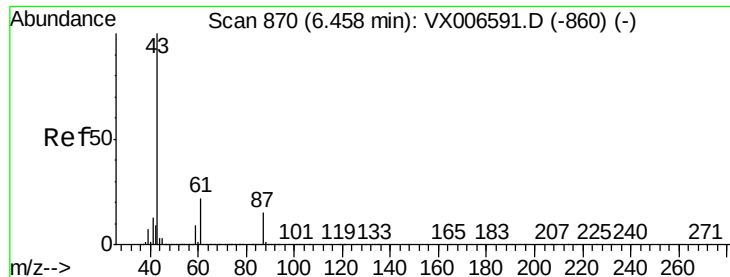
Tot Ion:	41	Resp:	231616
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.8	64.2
67	76.3	62.1	93.1
52	28.7	23.4	35.0



#42
1,2-Dichloroethane
Concen: 48.422 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion:	62	Resp:	384273
Ion	Ratio	Lower	Upper
62	100		
98	13.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 49.300 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

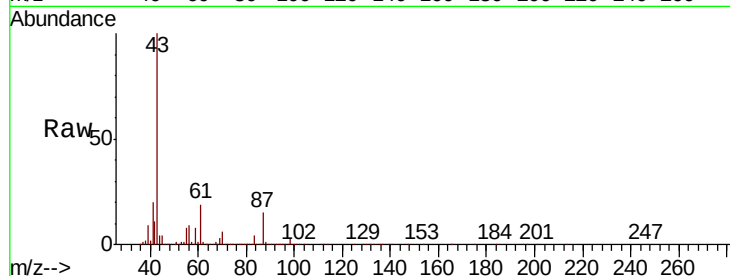
Tot Ion: 43 Resp: 598173

Ion Ratio Lower Upper

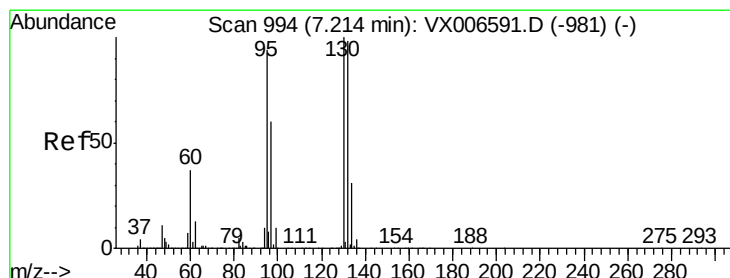
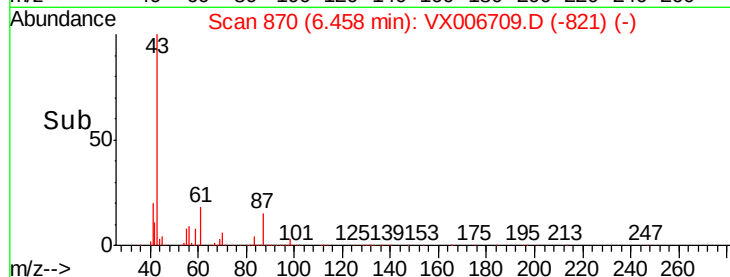
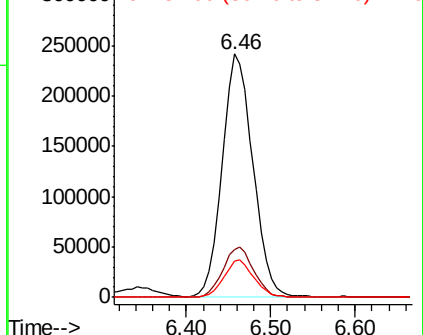
43 100

61 20.9 16.8 25.2

87 15.1 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.444 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006709.D

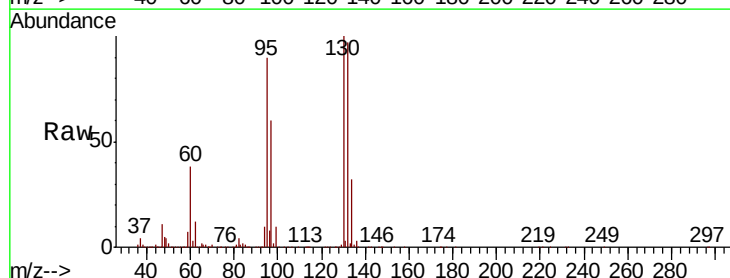
Acq: 21 Dec 2018 06:55

Tgt Ion:130 Resp: 334423

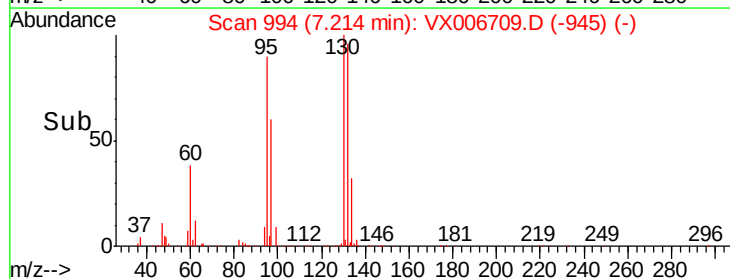
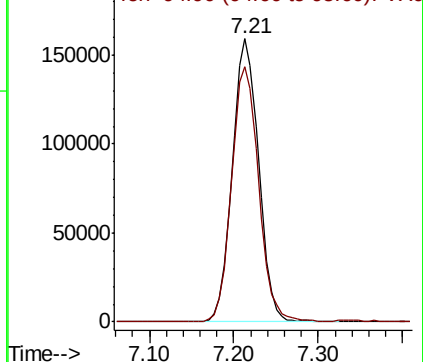
Ion Ratio Lower Upper

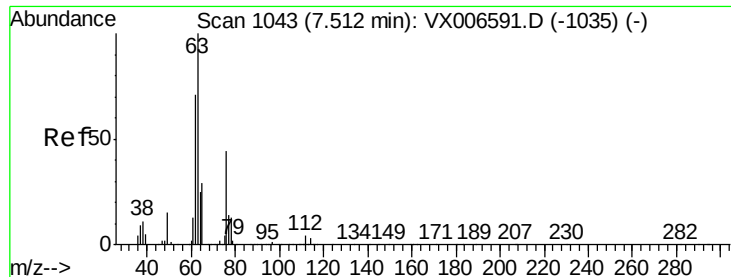
130 100

95 90.3 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.842 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

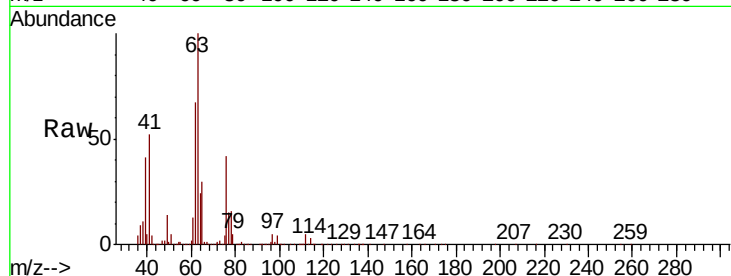
T3-MW-2-9.0-121918MS

Tot Ion: 63 Resp: 293810

Ion Ratio Lower Upper

63 100

65 30.4 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

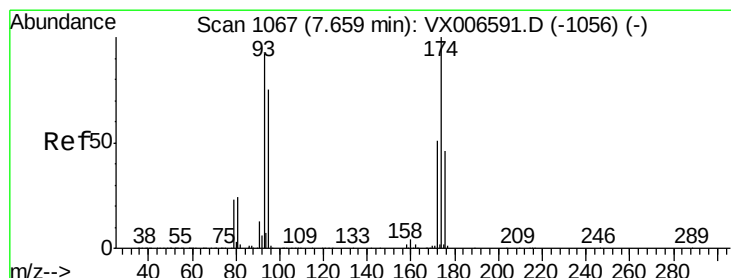
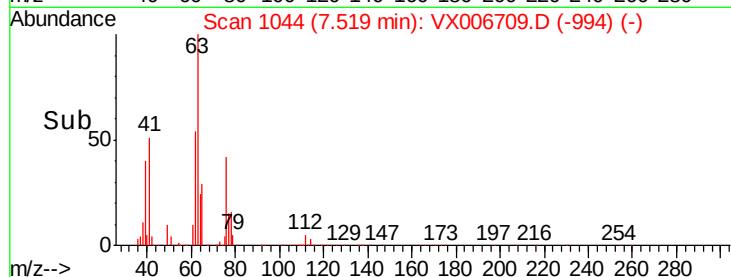
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 49.601 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

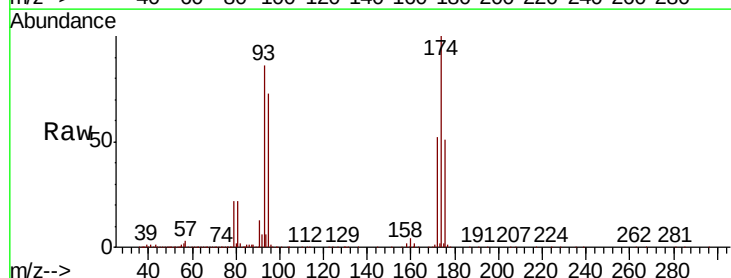
Tgt Ion: 93 Resp: 206768

Ion Ratio Lower Upper

93 100

95 87.0 66.2 99.4

174 115.3 91.0 136.4



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

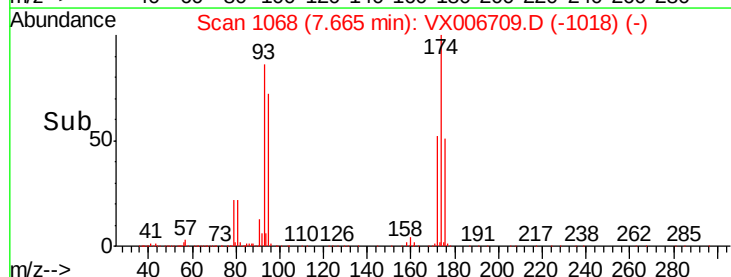
150000

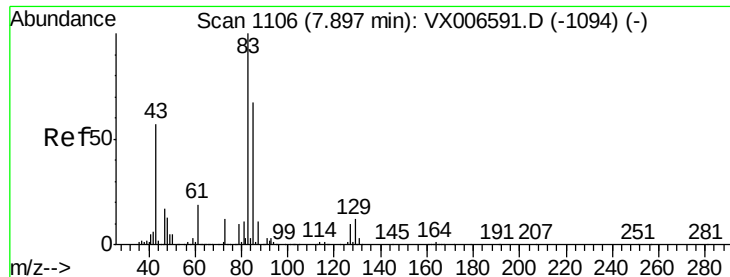
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 50.019 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

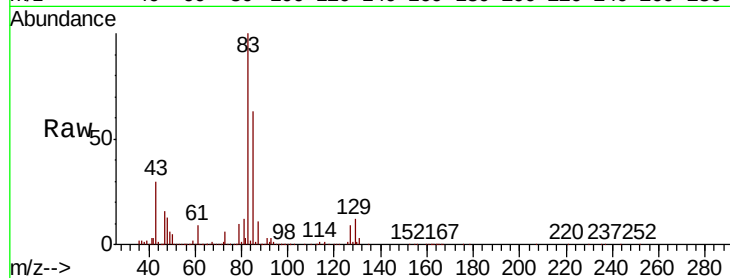
Tot Ion: 83 Resp: 346178

Ion Ratio Lower Upper

83 100

85 63.2 53.2 79.8

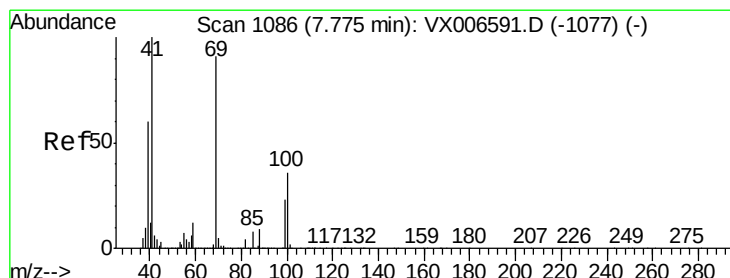
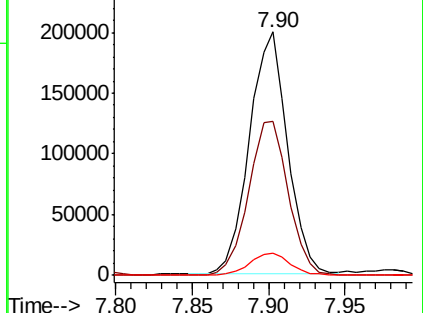
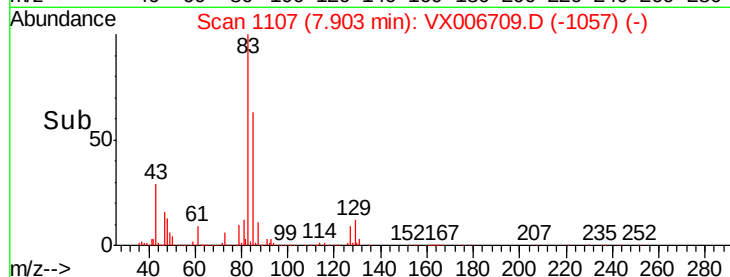
127 9.3 7.8 11.6



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: 58.357 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

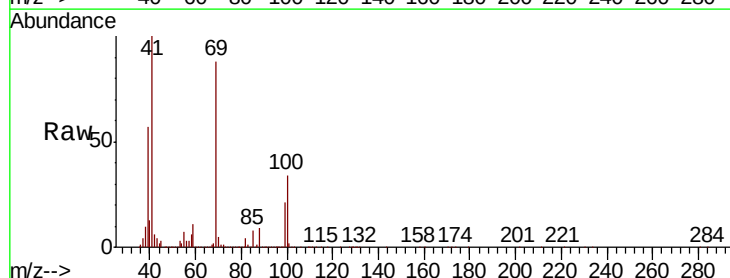
Tgt Ion: 41 Resp: 360075

Ion Ratio Lower Upper

41 100

69 81.0 72.4 108.6

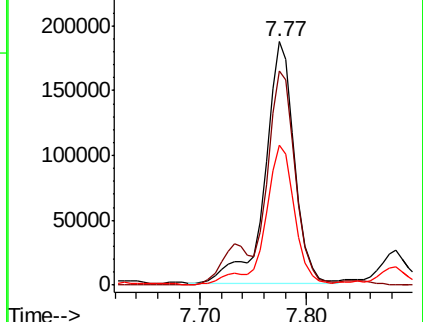
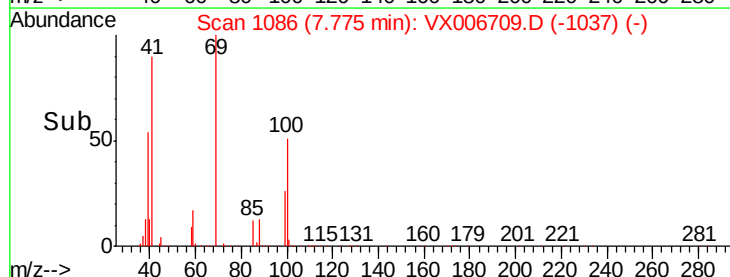
39 57.1 45.8 68.8

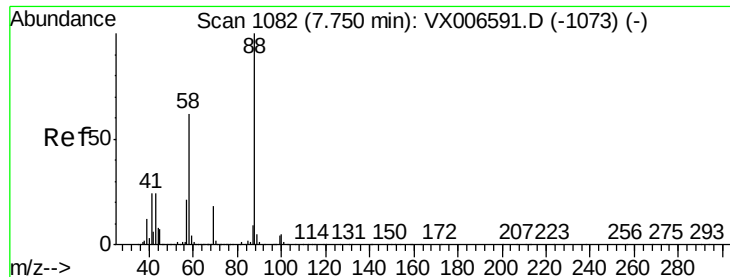


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 817.311 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

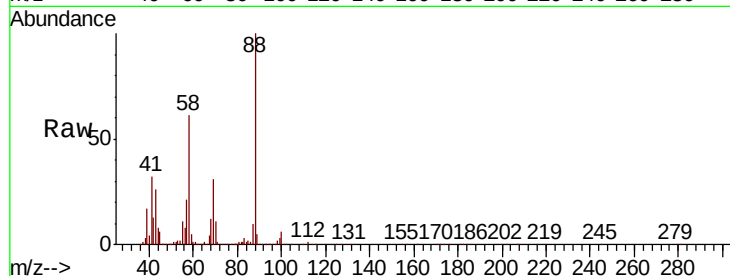
Tot Ion: 88 Resp: 132533

Ion Ratio Lower Upper

88 100

43 30.5 22.2 33.4

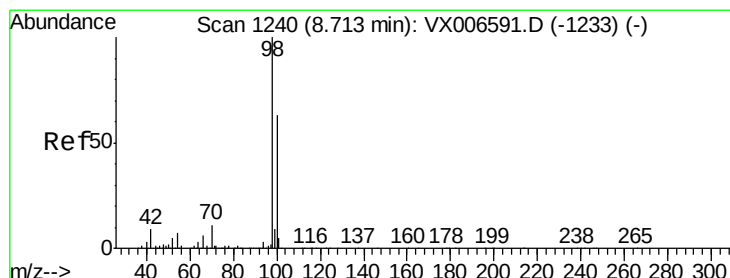
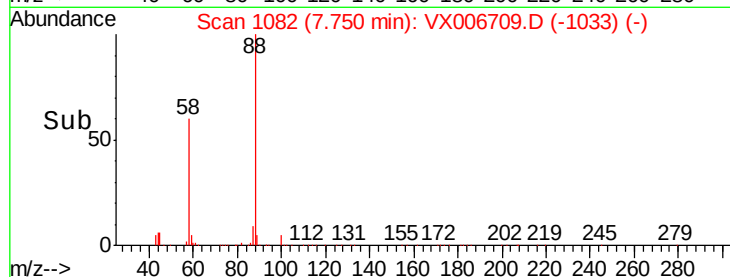
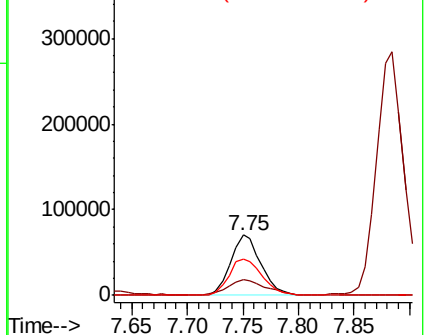
58 65.3 51.0 76.4



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: 50.069 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006709.D

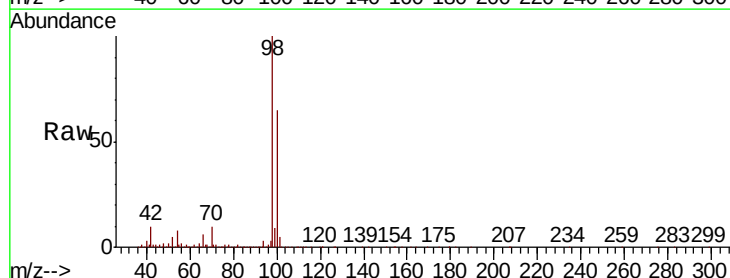
Acq: 21 Dec 2018 06:55

Tgt Ion: 98 Resp: 1104251

Ion Ratio Lower Upper

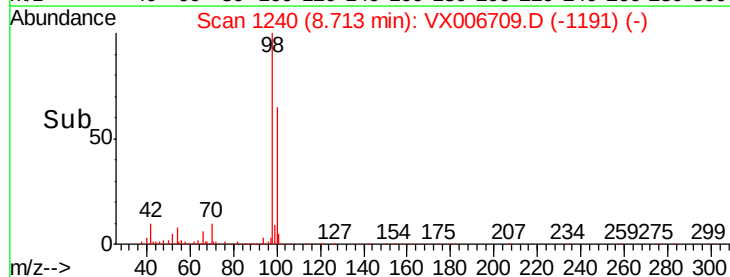
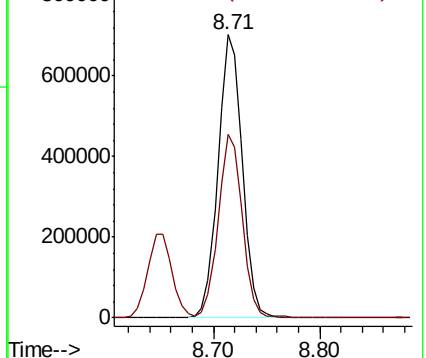
98 100

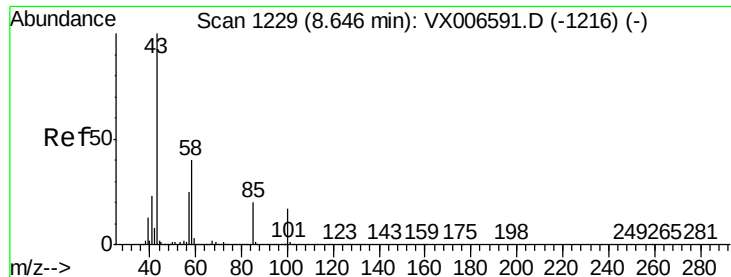
100 64.9 52.0 78.0



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: 261.535 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

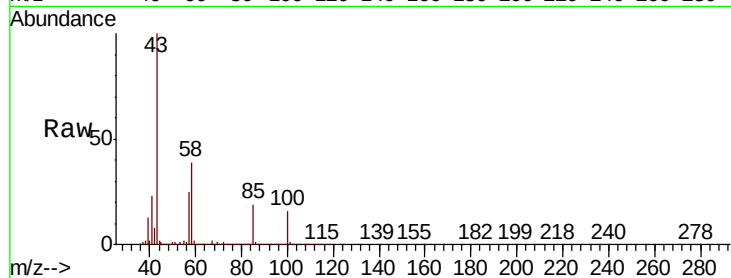
T3-MW-2-9.0-121918MS

Tot Ion: 43 Resp: 2019082

Ion Ratio Lower Upper

43 100

58 39.4 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

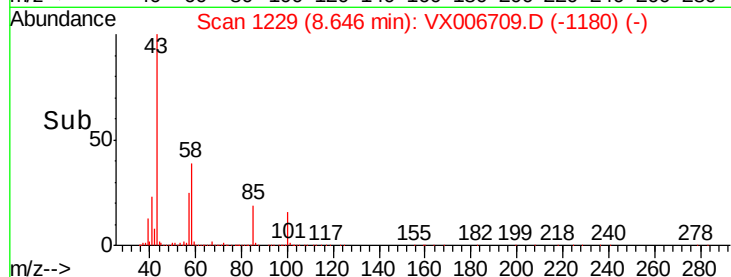
1500000

1000000

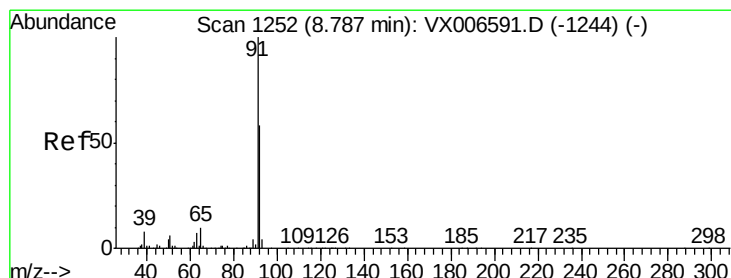
500000

0

8.60 8.65 8.70 8.80



Time-->



#52

Toluene

Concen: 50.277 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006709.D

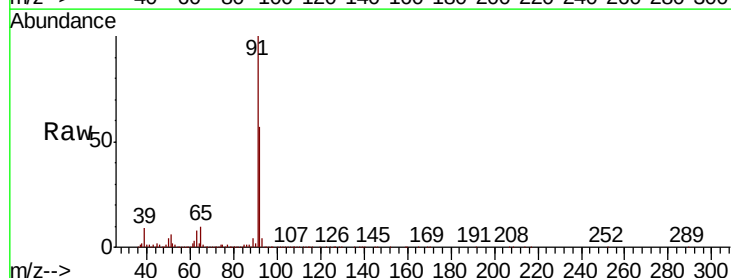
Acq: 21 Dec 2018 06:55

Tgt Ion: 92 Resp: 756449

Ion Ratio Lower Upper

92 100

91 174.0 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

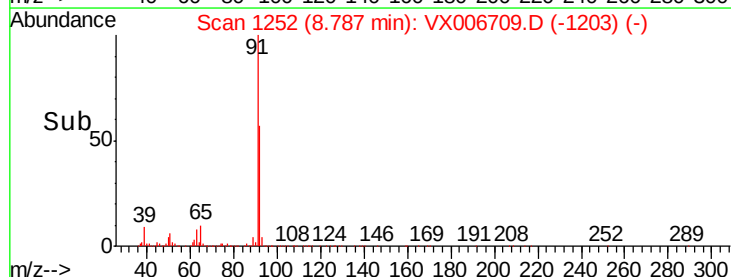
600000

400000

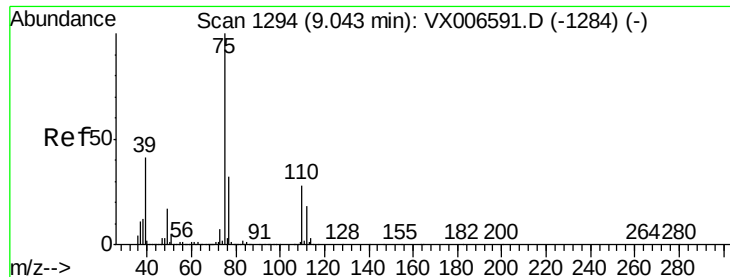
200000

0

8.70 8.75 8.80 8.90



Time-->



#53

t-1,3-Dichloropropene

Concen: 49.029 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

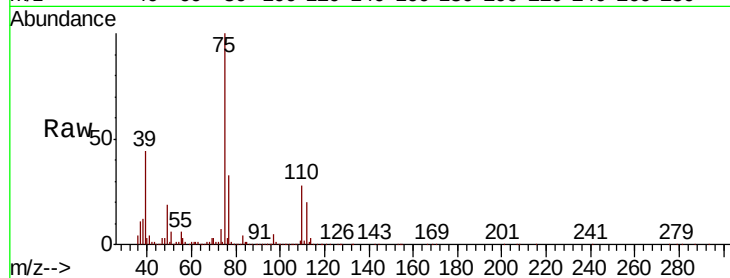
T3-MW-2-9.0-121918MS

Tot Ion: 75 Resp: 363922

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

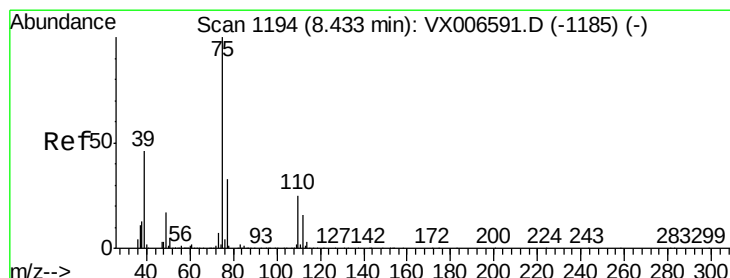
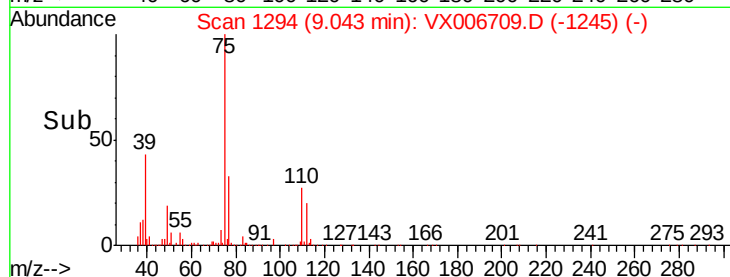
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.899 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

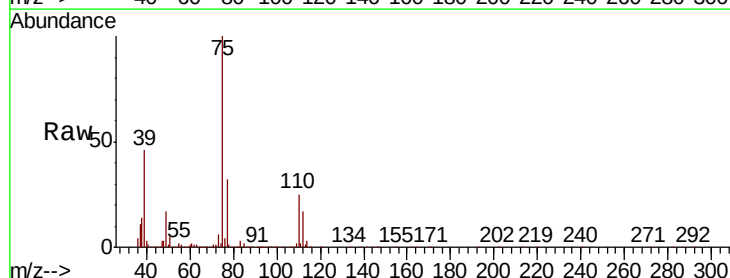
Tgt Ion: 75 Resp: 406402

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2

39 46.0 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

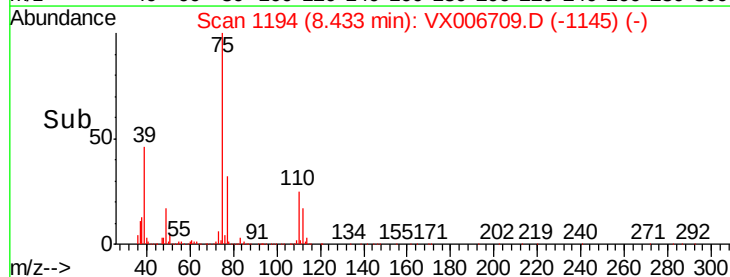
300000

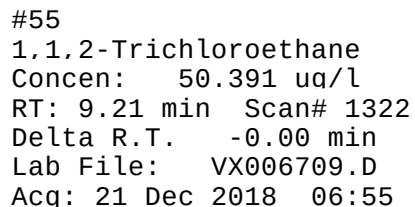
200000

100000

0

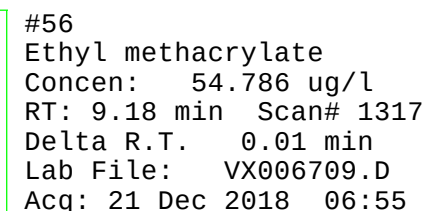
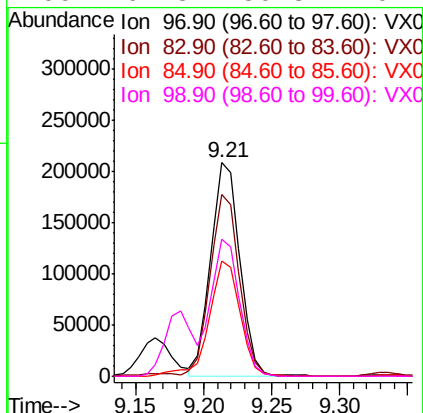
Time-->



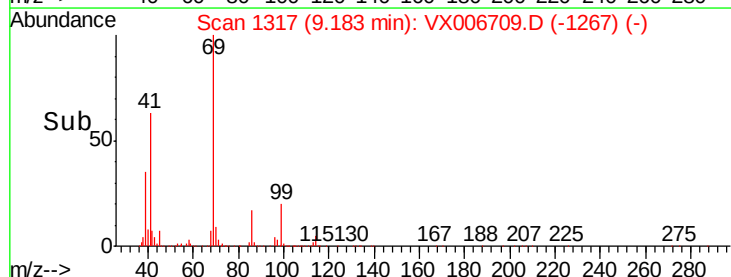
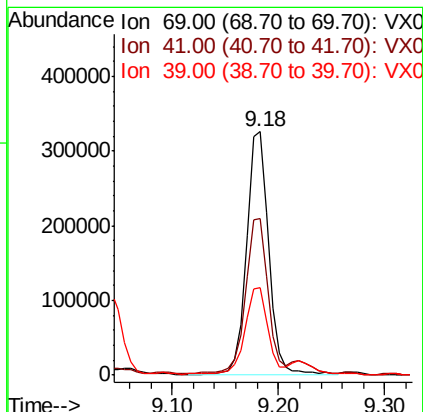


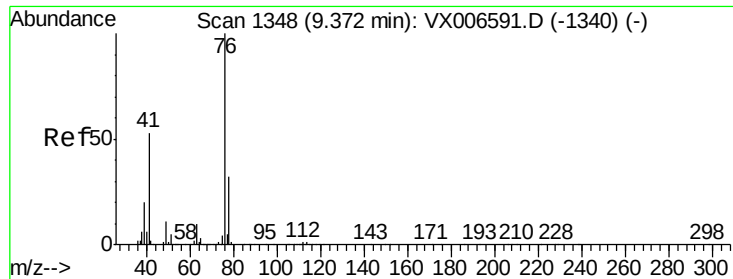
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tat	Ion: 97	Resp:	310331
Ion	Ratio	Lower	Upper
97	100		
83	84.9	66.6	99.8
85	54.2	42.7	64.1
99	64.3	50.8	76.2



Tgt	Ion: 69	Resp:	476871
Ion	Ratio	Lower	Upper
69	100		
41	64.7	48.7	73.1
39	37.1	27.0	40.6





#57

1,3-Dichloropropane

Concen: 50.259 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

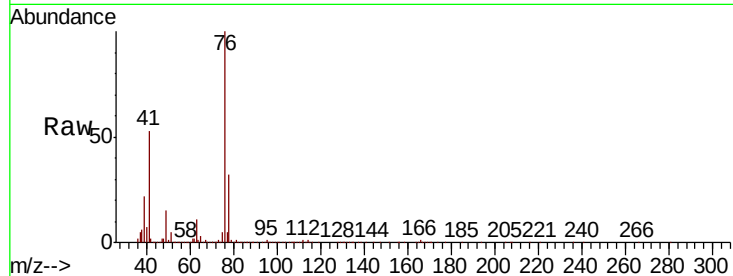
T3-MW-2-9.0-121918MS

Tot Ion: 76 Resp: 497983

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

400000

300000

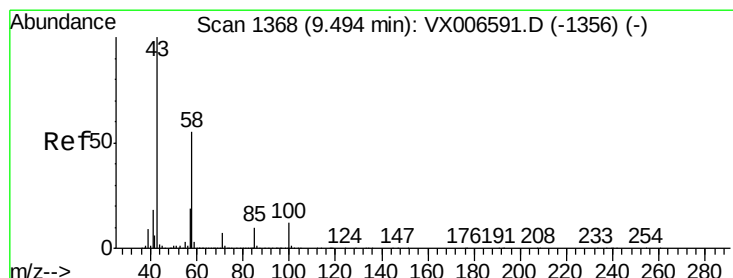
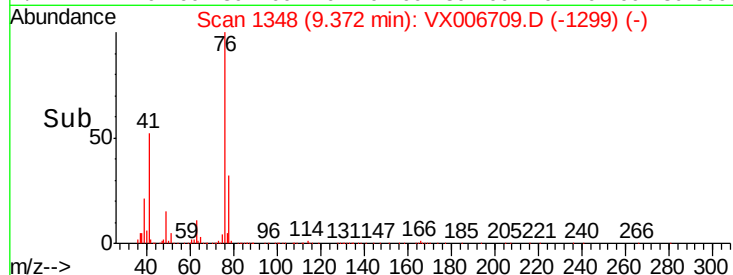
200000

100000

0

9.30 9.35 9.40 9.45

Time-->



#59

2-Hexanone

Concen: 252.571 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006709.D

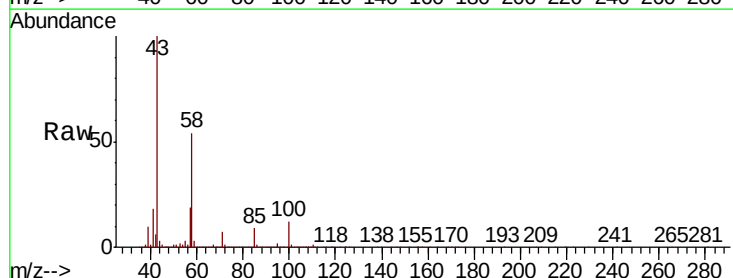
Acq: 21 Dec 2018 06:55

Tgt Ion: 43 Resp: 1491893

Ion Ratio Lower Upper

43 100

58 55.3 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

1200000

1000000

800000

600000

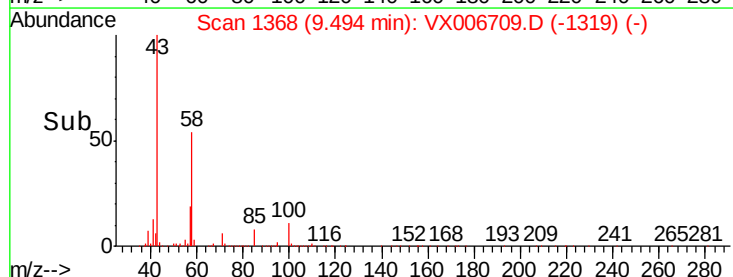
400000

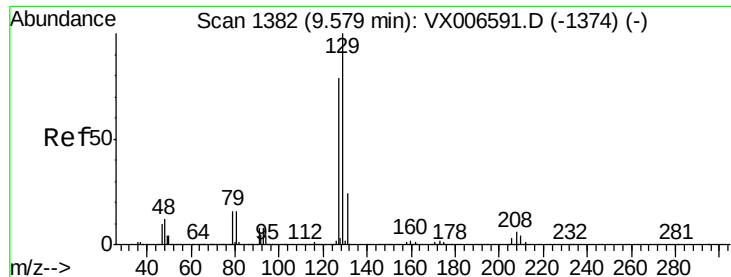
200000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 47.251 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

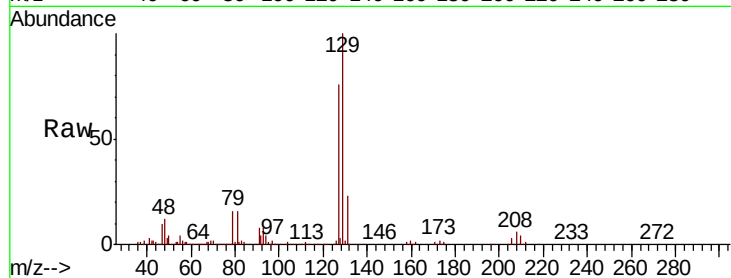
T3-MW-2-9.0-121918MS

Tot Ion:129 Resp: 303483

Ion Ratio Lower Upper

129 100

127 77.1 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

250000

200000

150000

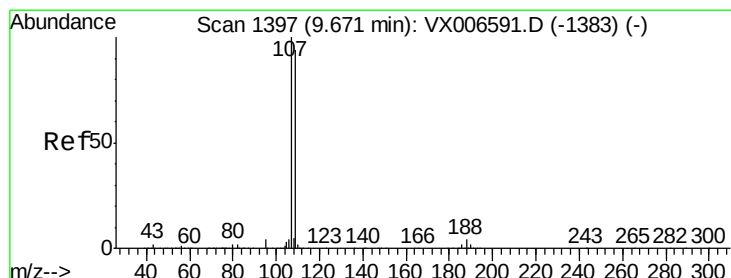
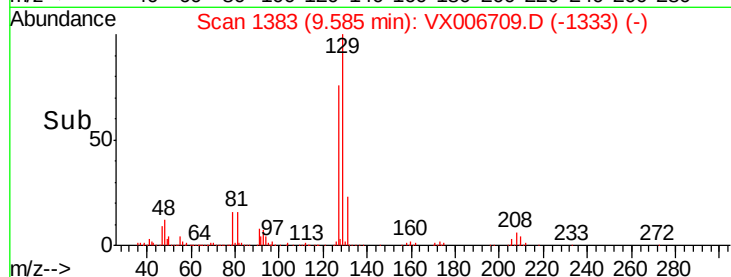
100000

50000

0

9.45 9.50 9.55 9.60 9.65

Time-->



#61

1,2-Dibromoethane

Concen: 52.464 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006709.D

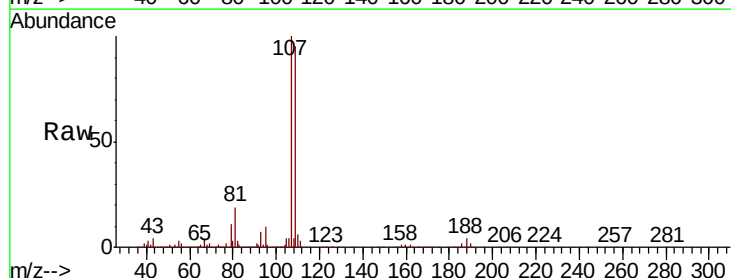
Acq: 21 Dec 2018 06:55

Tgt Ion:107 Resp: 343461

Ion Ratio Lower Upper

107 100

109 95.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

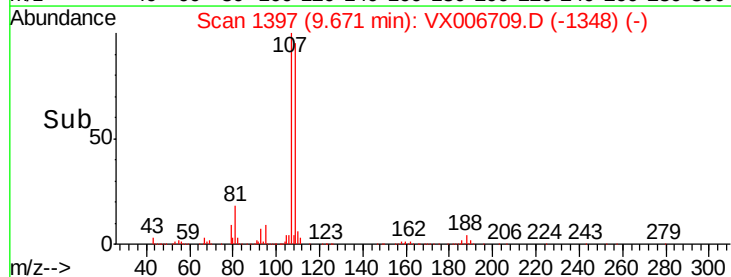
100000

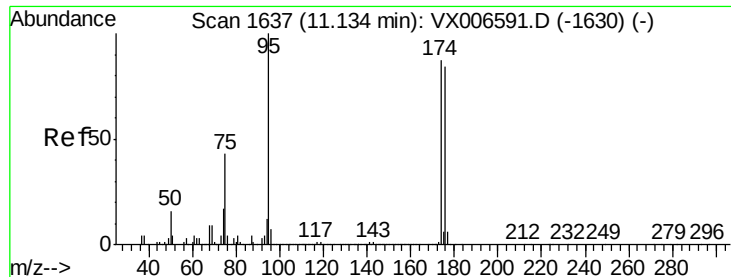
50000

0

9.55 9.60 9.65 9.70 9.75

Time-->





#62

4-Bromofluorobenzene

Concen: 49.414 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

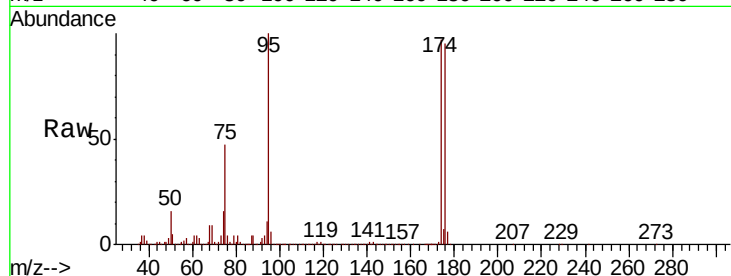
Tot Ion: 95 Resp: 399131

Ion Ratio Lower Upper

95 100

174 90.5 0.0 182.2

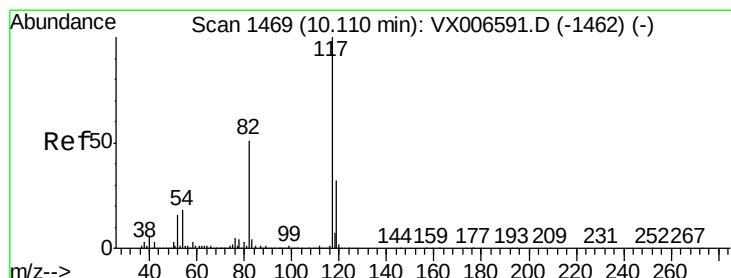
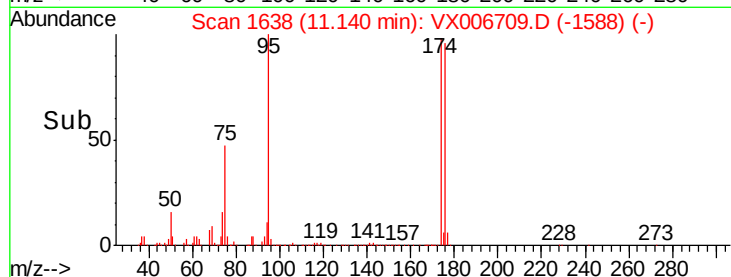
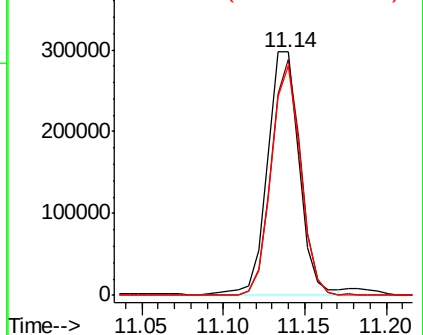
176 88.3 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006591.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX006591.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX006591.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

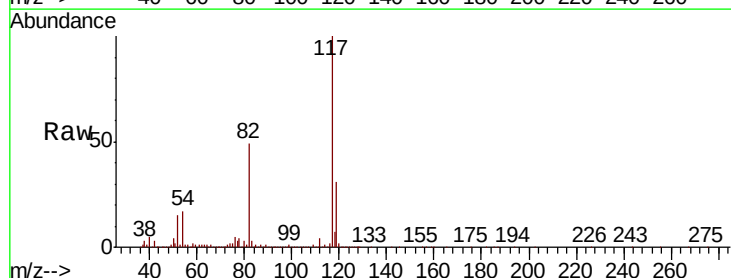
Tgt Ion: 117 Resp: 840178

Ion Ratio Lower Upper

117 100

82 48.4 41.0 61.6

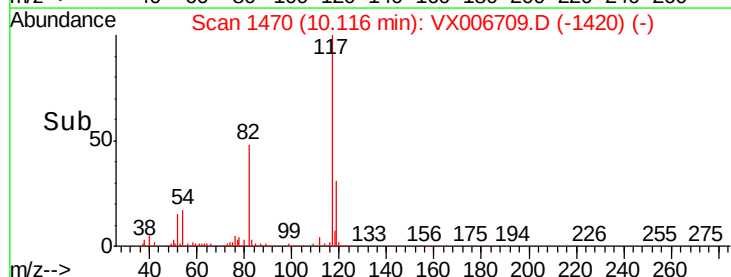
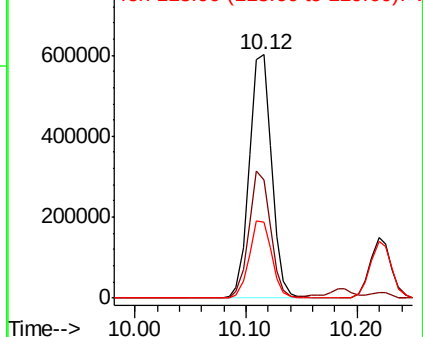
119 31.4 25.4 38.0

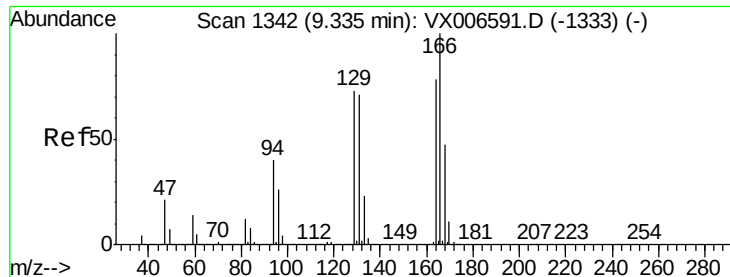


Abundance Ion 116.90 (116.60 to 117.60): VX006591.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006591.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006591.D (-1462) (-)





#64

Tetrachloroethene

Concen: 44.573 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion:164 Resp: 296542

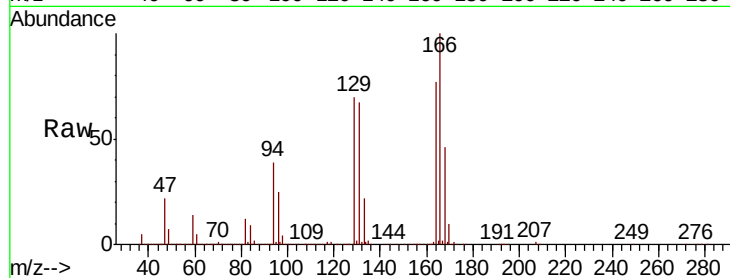
Ion Ratio Lower Upper

164 100

166 130.2 102.5 153.7

129 91.5 75.1 112.7

131 87.4 72.7 109.1

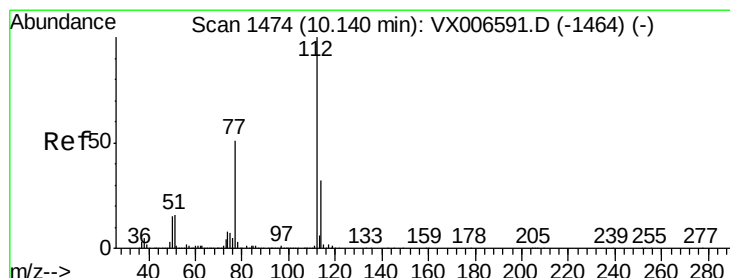
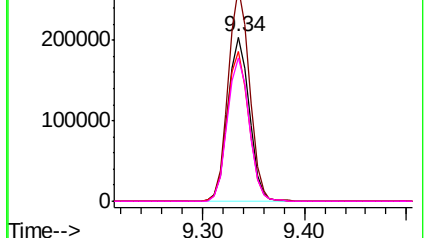
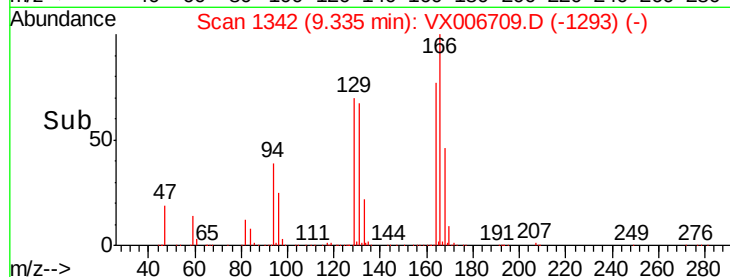


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.890 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006709.D

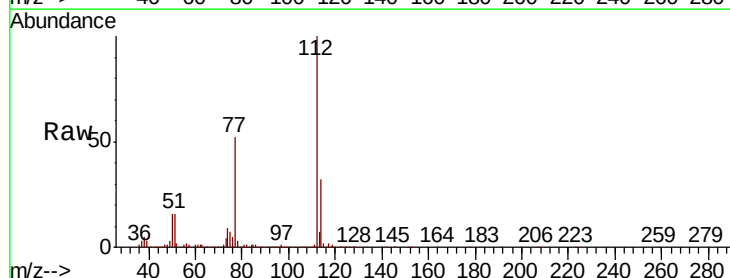
Acq: 21 Dec 2018 06:55

Tgt Ion:112 Resp: 869007

Ion Ratio Lower Upper

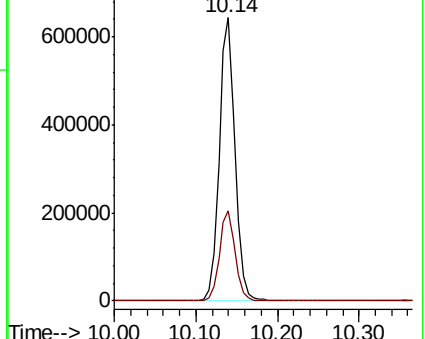
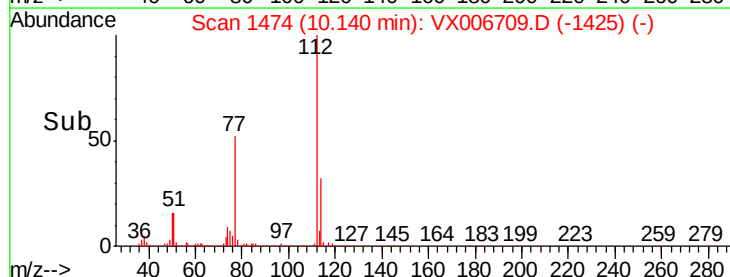
112 100

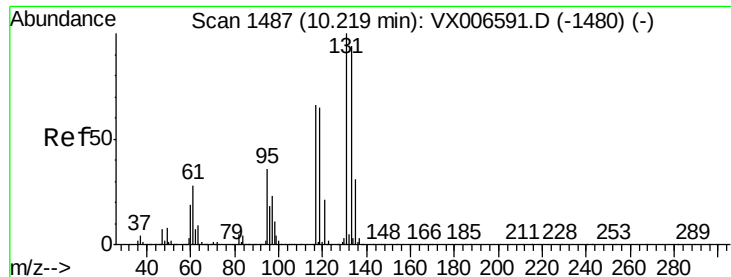
114 31.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

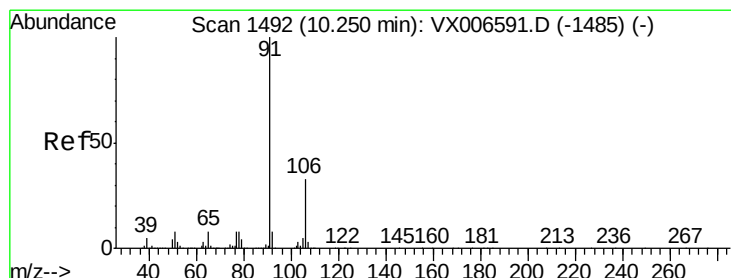
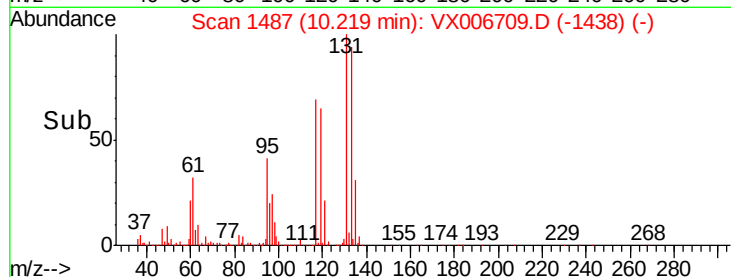
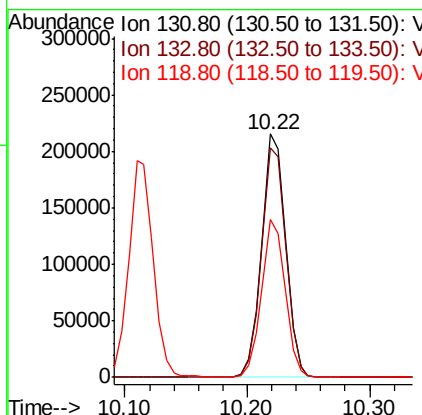
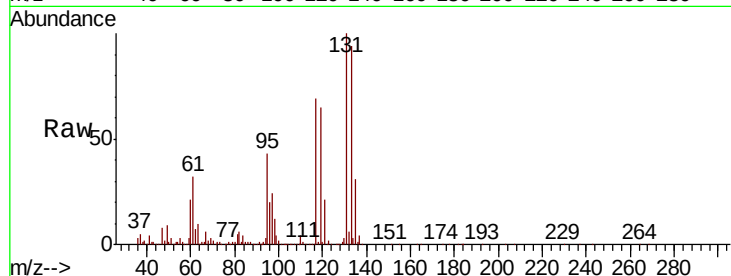




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.631 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

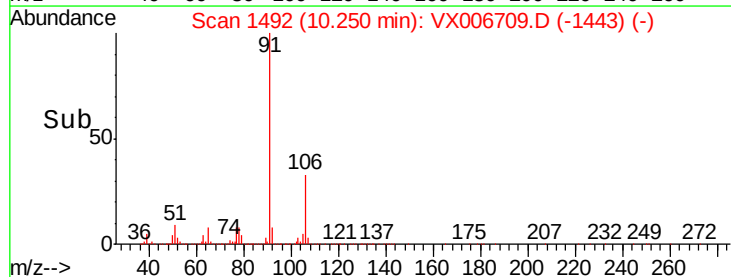
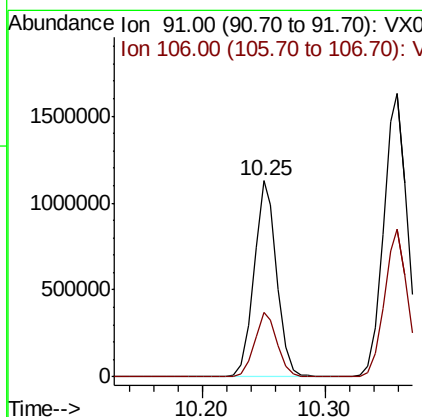
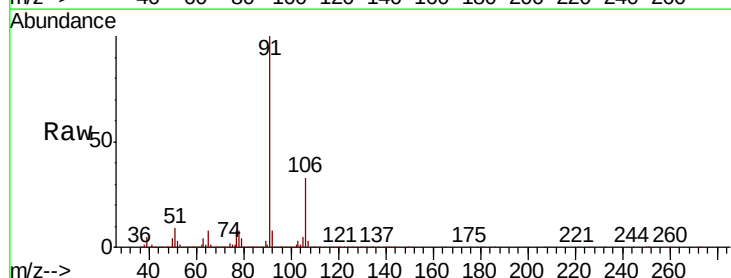
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

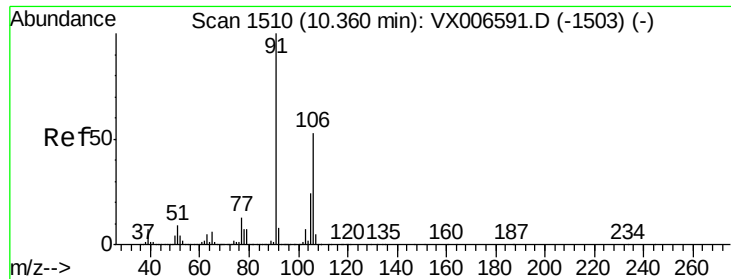
Tot Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.0	144.2
119	64.1	32.6	97.8



#67
 Ethyl Benzene
 Concen: 50.218 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.9	26.4	39.6

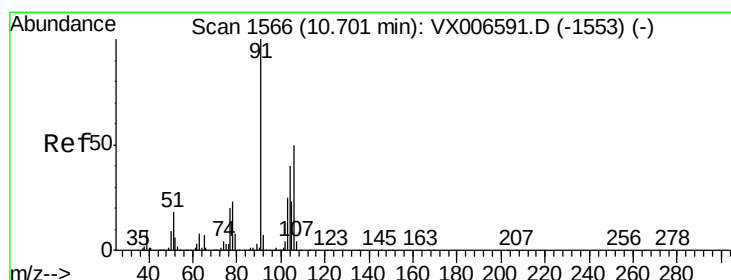
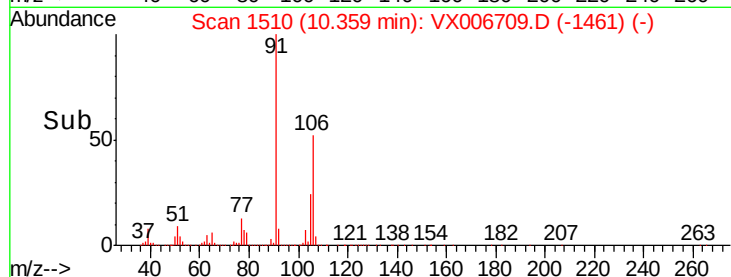
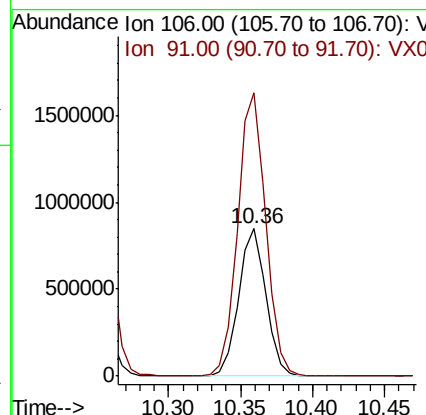
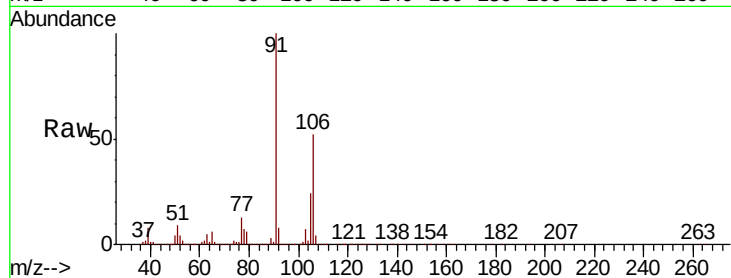




#68
m/p-Xylenes
Concen: 97.570 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

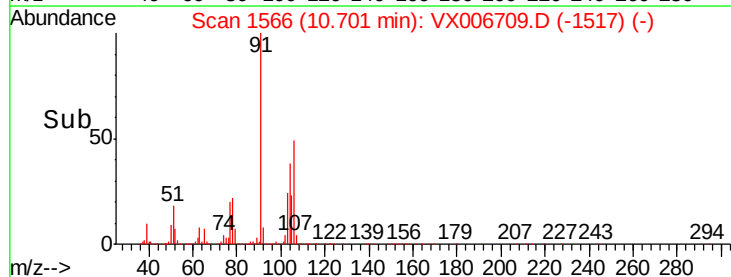
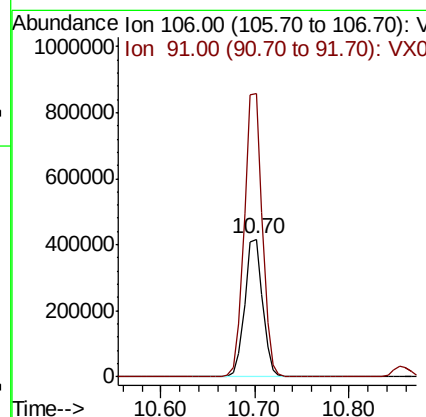
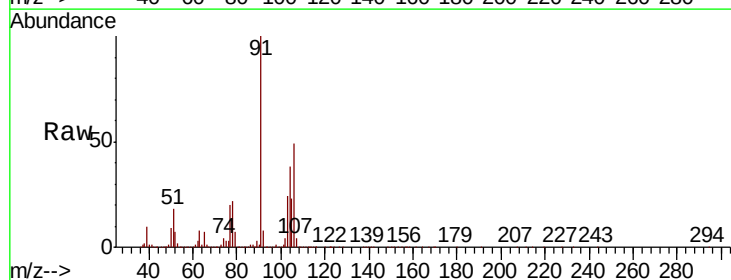
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

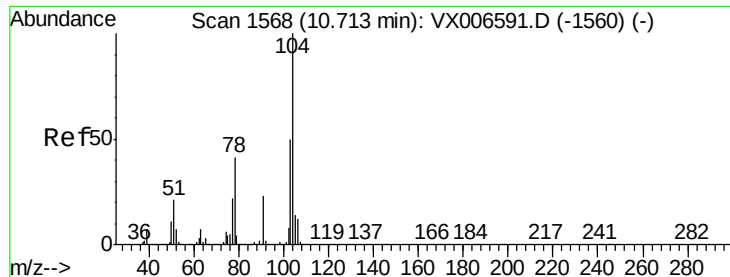
Tot Ion:106 Resp: 1118256
Ion Ratio Lower Upper
106 100
91 197.6 155.8 233.6



#69
o-Xylene
Concen: 48.728 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion:106 Resp: 551485
Ion Ratio Lower Upper
106 100
91 206.1 101.3 303.7





#70

Stvrene

Concen: 48.988 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

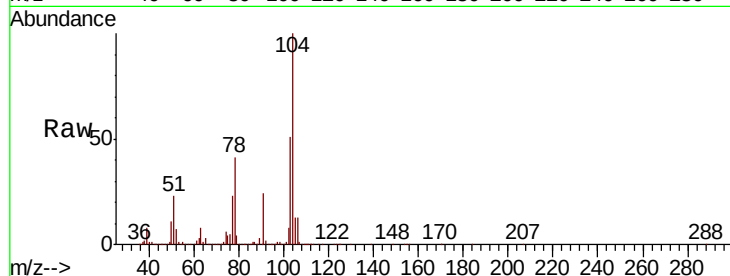
Tot Ion:104 Resp: 877137

Ion Ratio Lower Upper

104 100

78 47.9 37.7 56.5

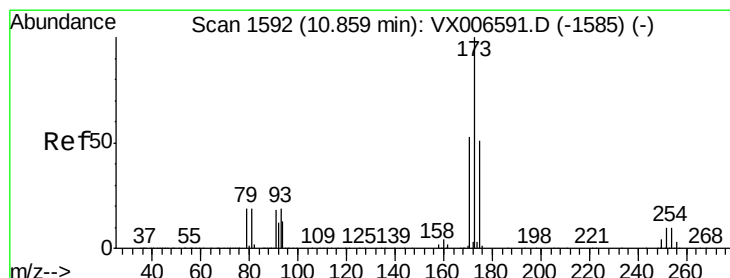
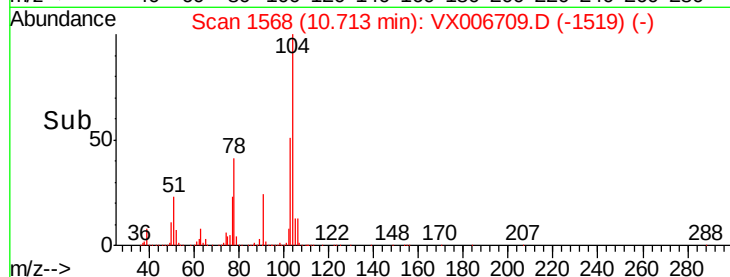
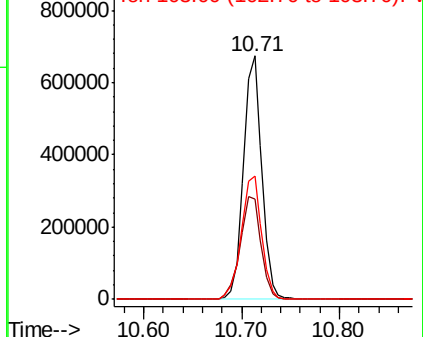
103 56.2 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 43.569 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

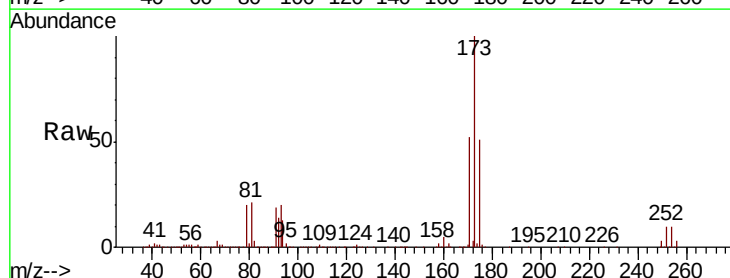
Tgt Ion:173 Resp: 214792

Ion Ratio Lower Upper

173 100

175 49.8 24.7 74.1

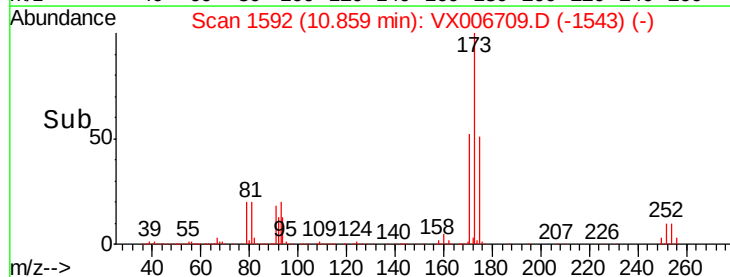
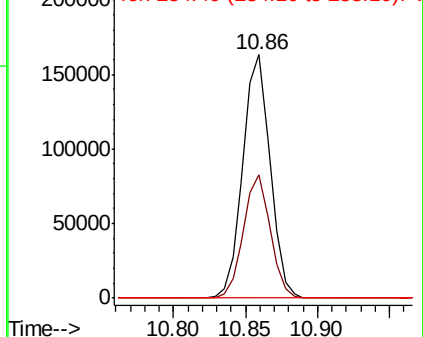
254 0.2 0.2 0.2

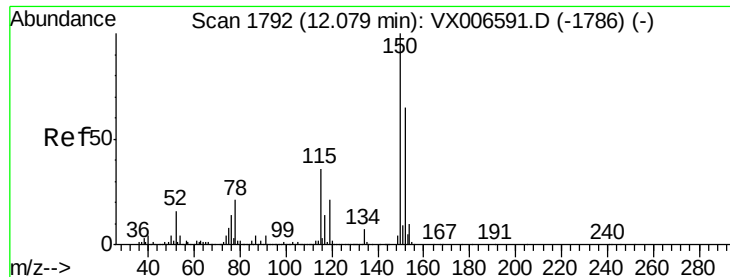


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



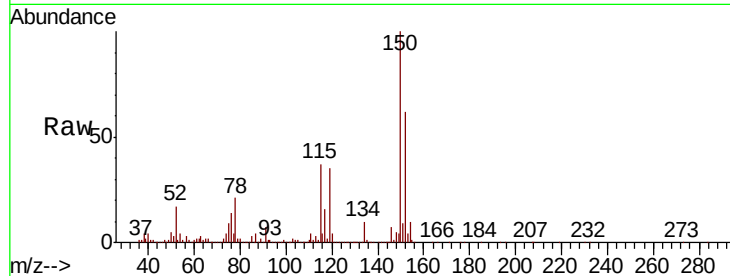


#72

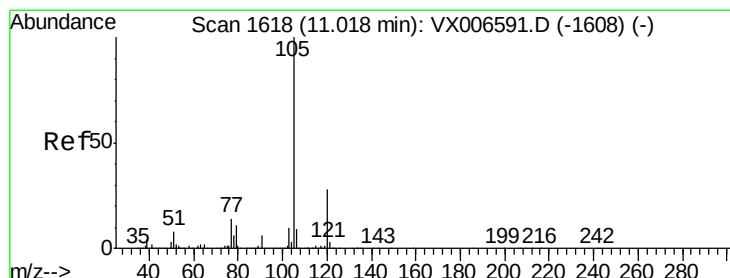
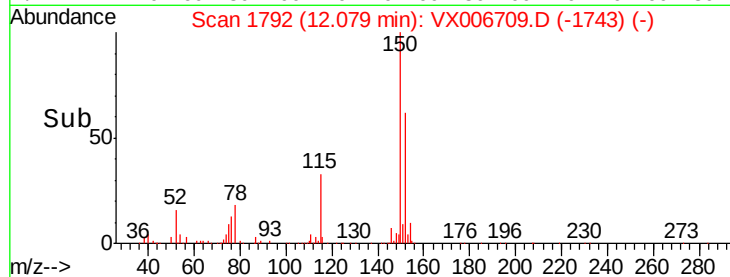
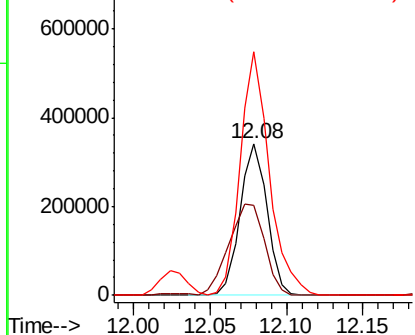
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	79.2	39.1	117.2
150	173.6	0.0	344.8



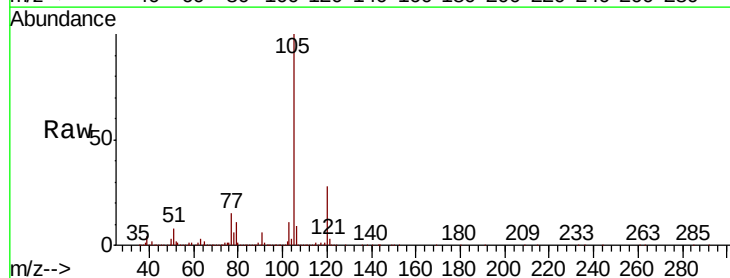
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



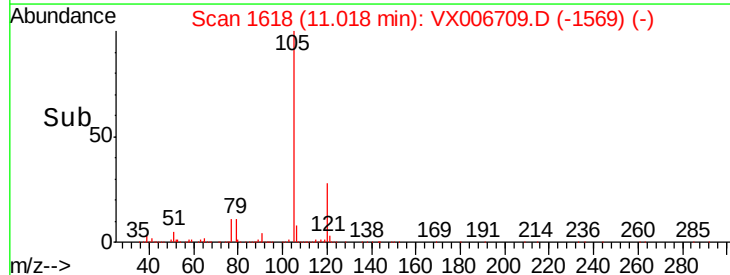
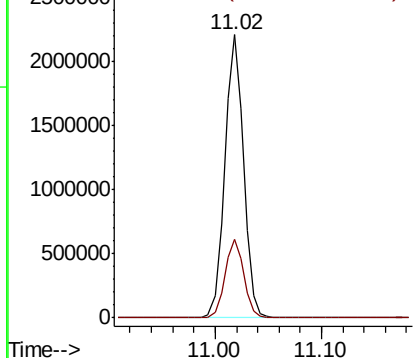
#73

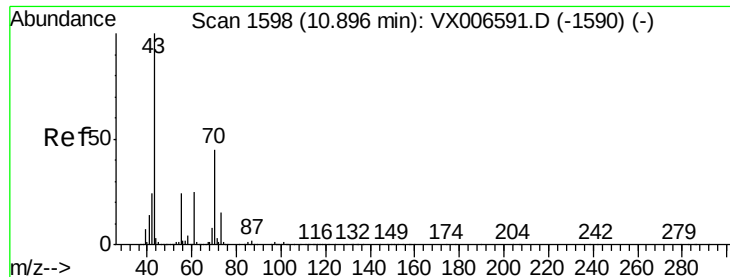
Isopropylbenzene
Concen: 95.131 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	14.1	42.4



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





#74

N-amvl acetate

Concen: 49.163 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion: 43 Resp: 501999

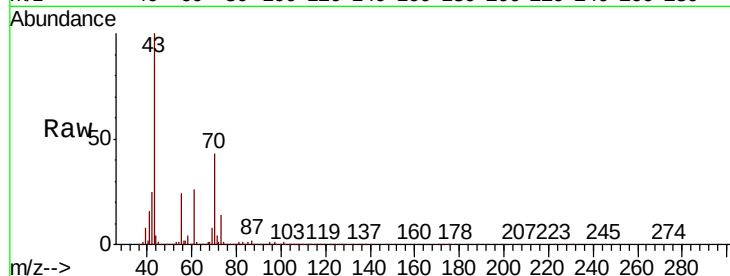
Ion Ratio Lower Upper

43 100

70 44.3 35.8 53.8

55 26.4 19.4 29.0

61 25.3 20.1 30.1

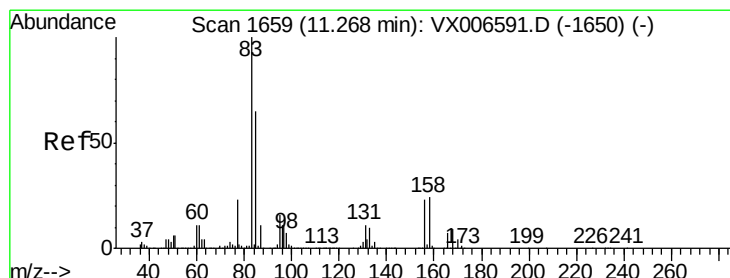
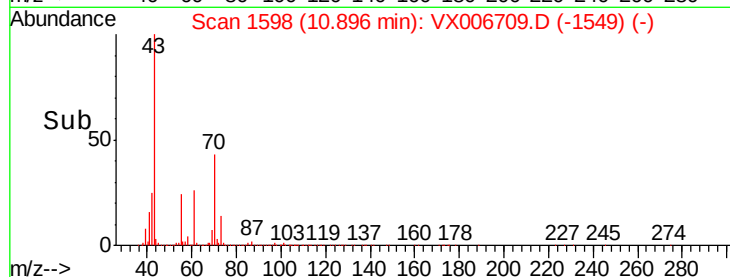
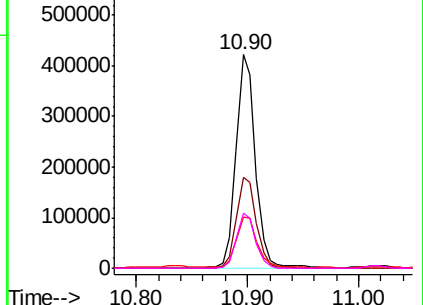


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.093 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

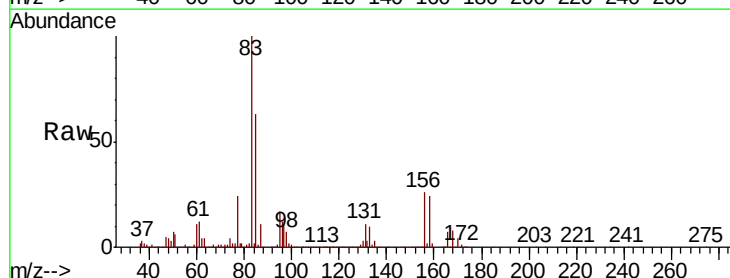
Tgt Ion: 83 Resp: 458920

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

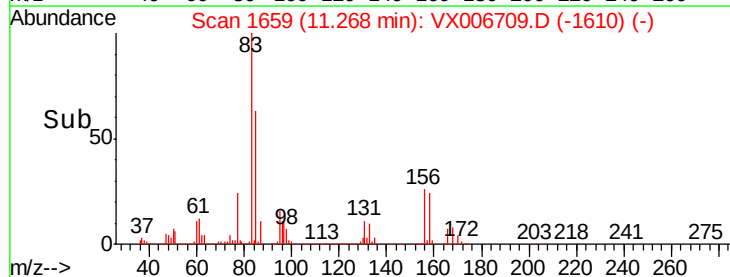
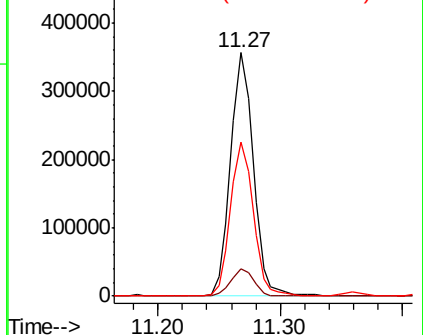
85 63.5 32.2 96.6

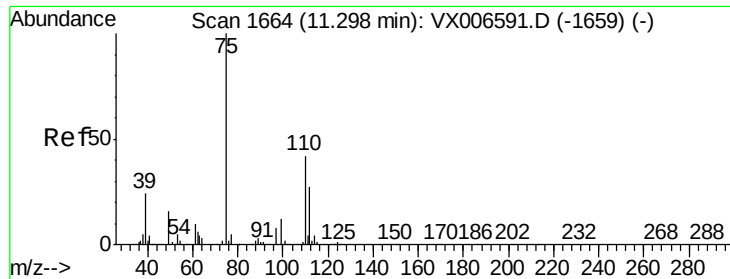


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

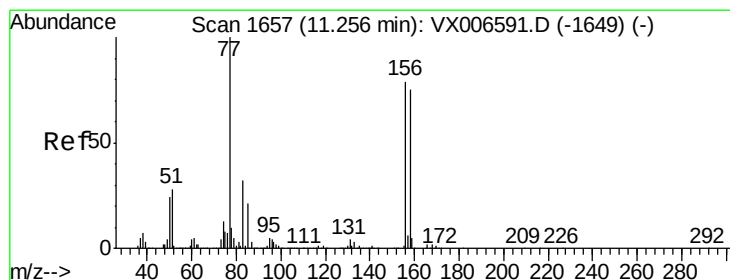
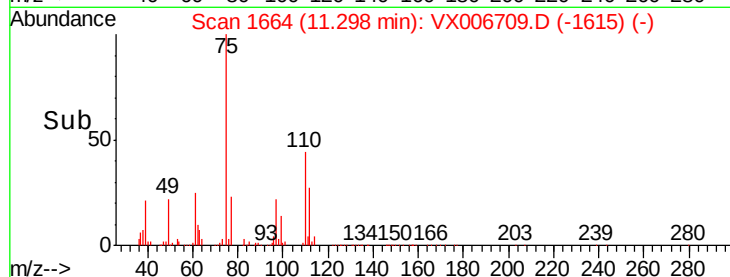
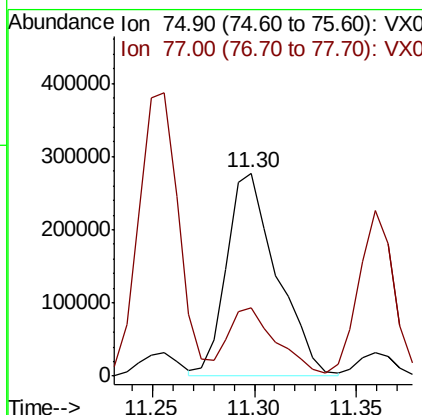
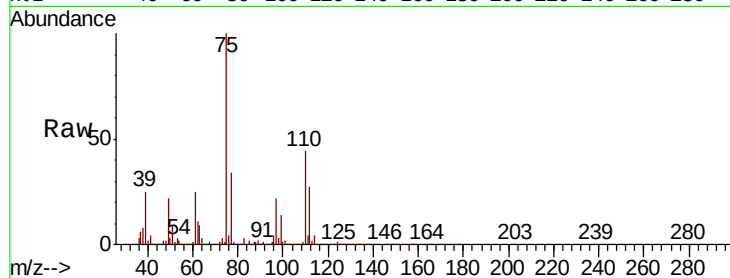




#76
 1,2,3-Trichloropropane
 Concen: 61.136 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

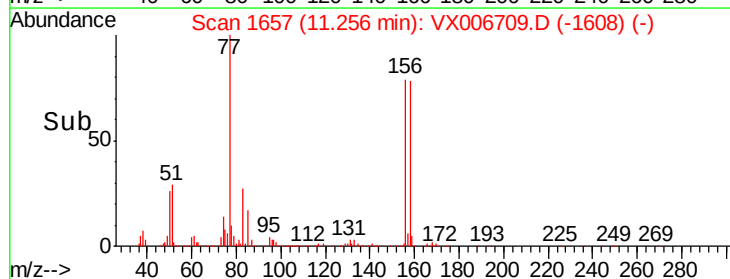
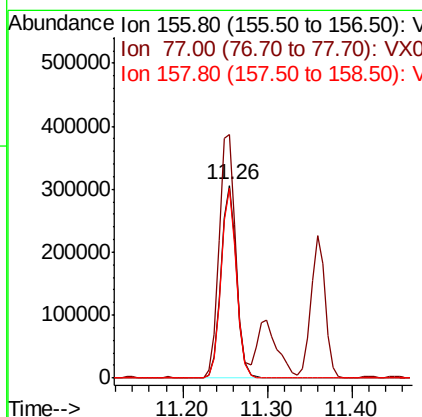
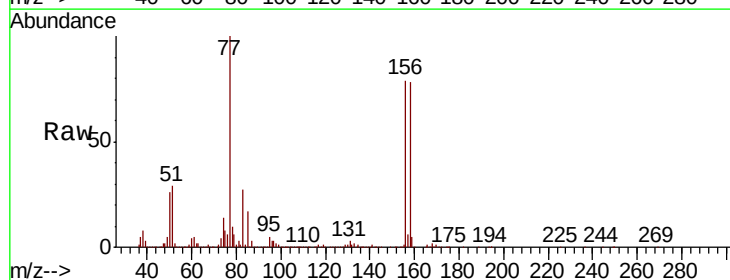
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

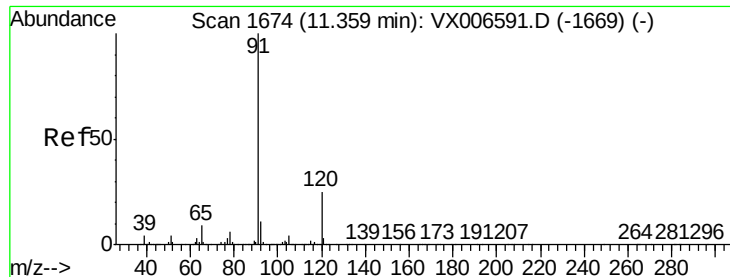
Tot Ion: 75 Resp: 473761
 Ion Ratio Lower Upper
 75 100
 77 31.7 18.5 55.5



#77
 Bromobenzene
 Concen: 50.869 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion: 156 Resp: 392319
 Ion Ratio Lower Upper
 156 100
 77 134.7 68.0 204.0
 158 97.3 48.3 144.8





#78

n-propylbenzene

Concen: 219.549 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

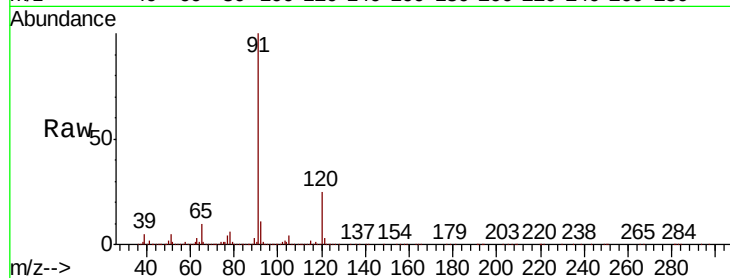
T3-MW-2-9.0-121918MS

Tot Ion: 91 Resp: 6896808

Ion Ratio Lower Upper

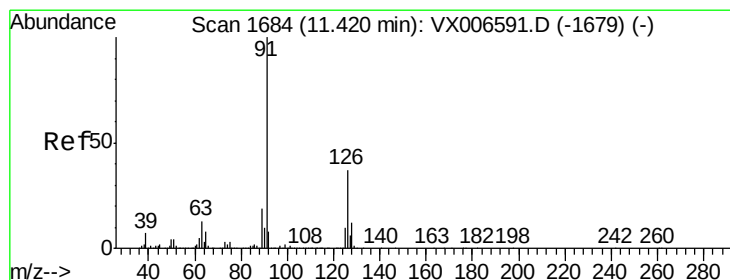
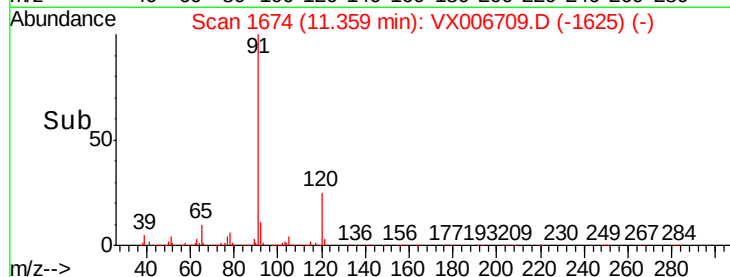
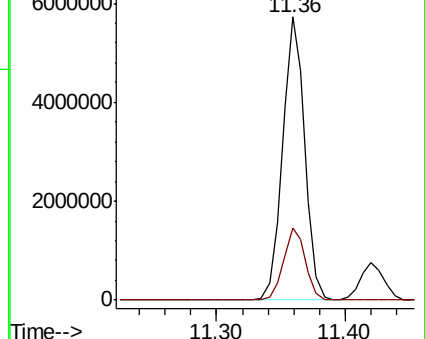
91 100

120 25.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 49.989 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006709.D

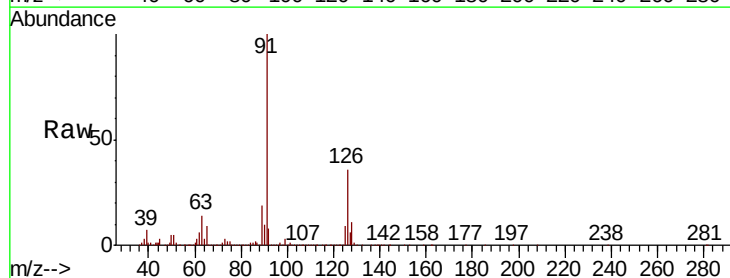
Acq: 21 Dec 2018 06:55

Tgt Ion: 91 Resp: 951644

Ion Ratio Lower Upper

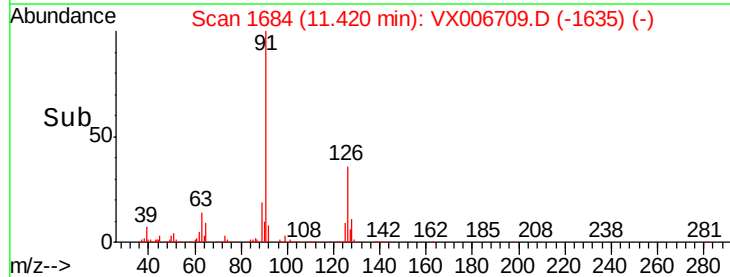
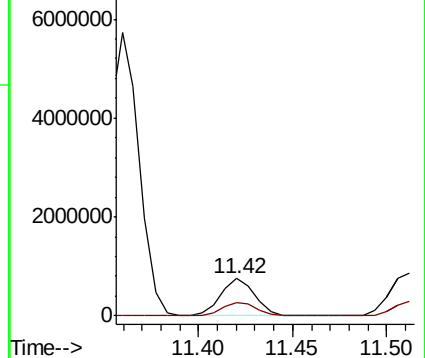
91 100

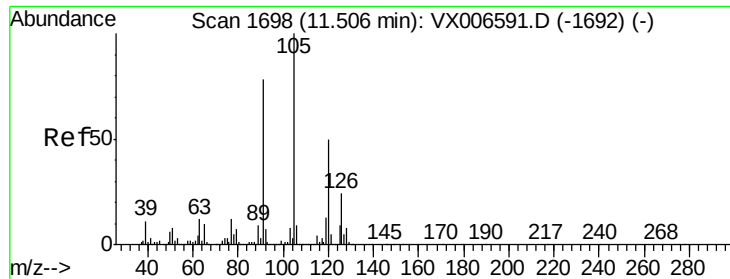
126 36.8 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

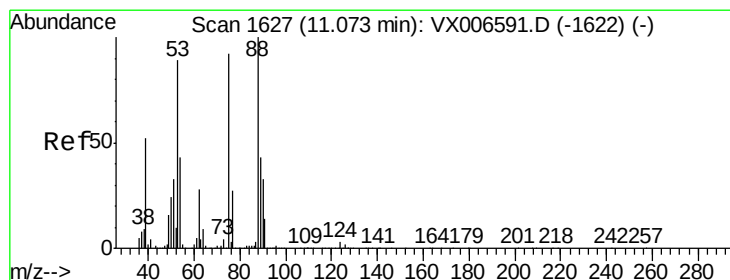
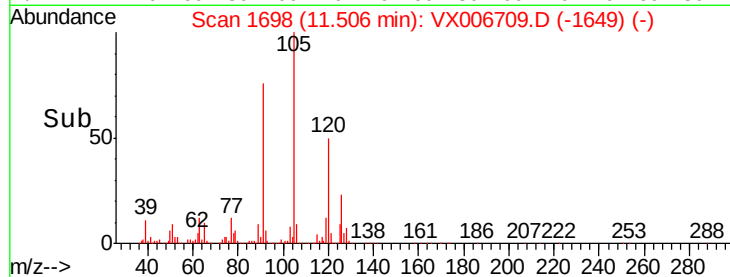
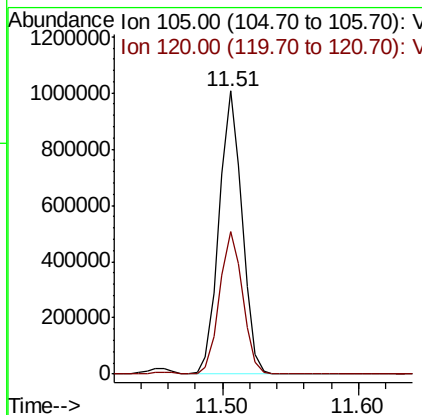
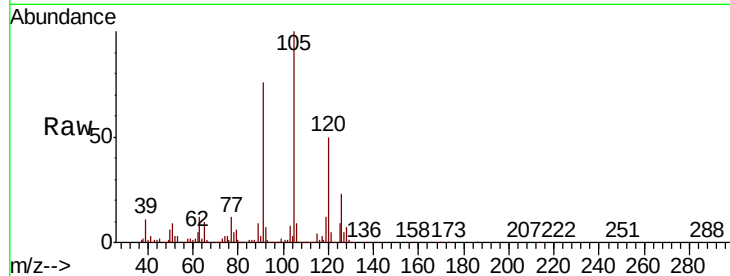




#80
 1,3,5-Trimethylbenzene
 Concen: 49.989 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

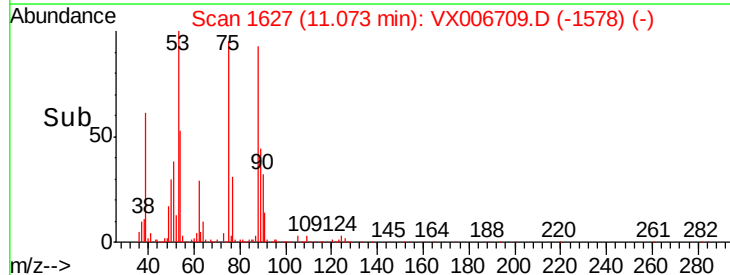
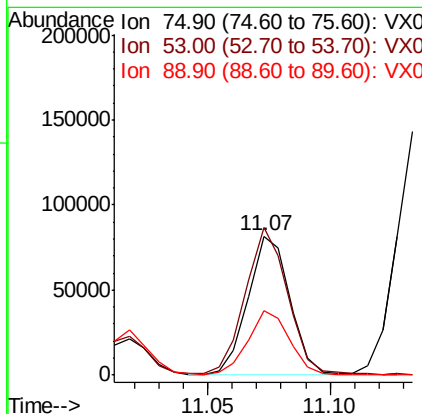
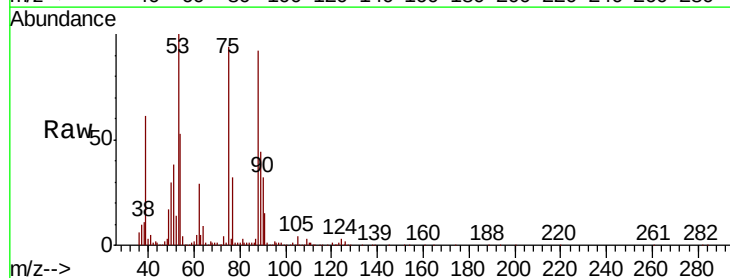
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

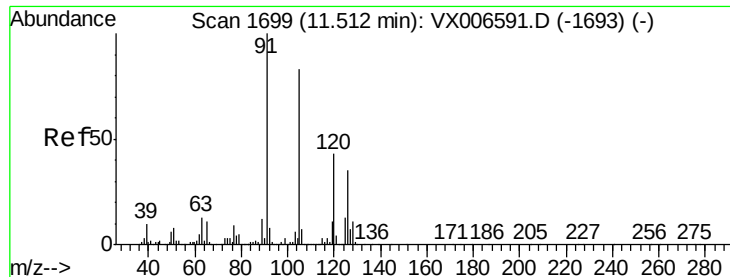
Tot Ion:105 Resp: 1174558
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.1 75.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 39.025 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion: 75 Resp: 96787
 Ion Ratio Lower Upper
 75 100
 53 106.8 79.7 119.5
 89 47.0 38.0 57.0





#82

4-Chlorotoluene

Concen: 50.139 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

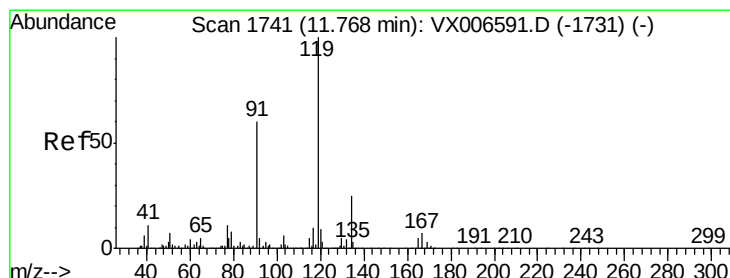
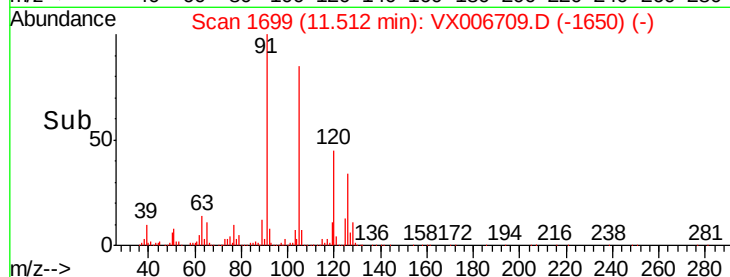
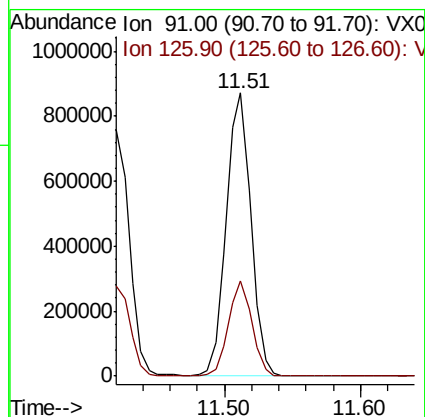
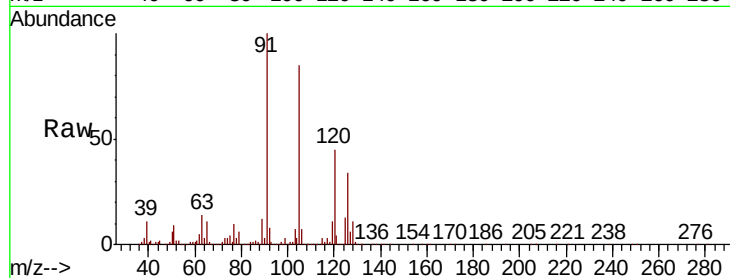
T3-MW-2-9.0-121918MS

Tot Ion: 91 Resp: 1094871

Ion Ratio Lower Upper

91 100

126 31.8 16.3 48.9



#83

tert-Butylbenzene

Concen: 55.131 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

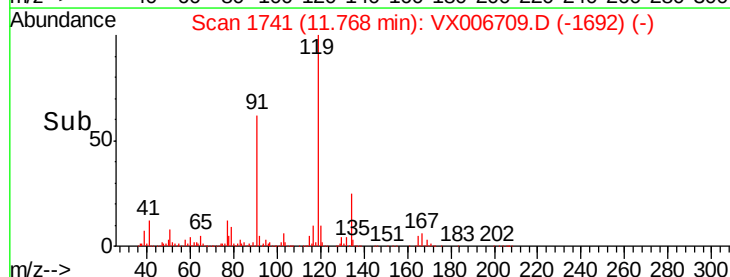
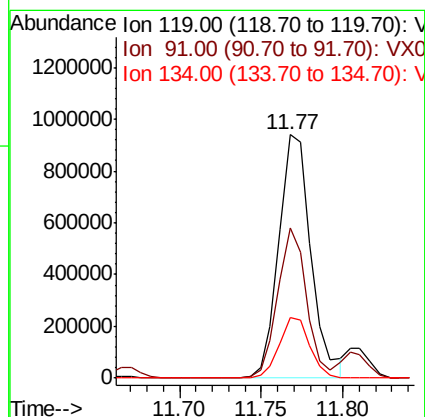
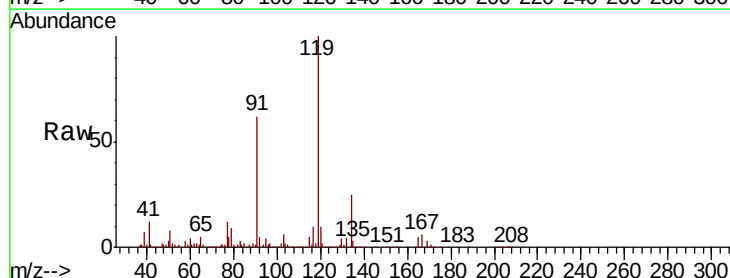
Tgt Ion: 119 Resp: 1296473

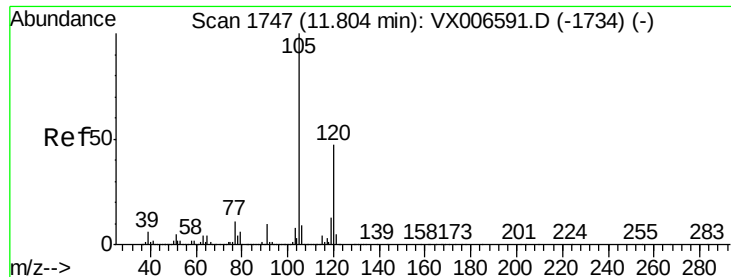
Ion Ratio Lower Upper

119 100

91 55.0 27.7 83.1

134 23.7 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 48.700 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

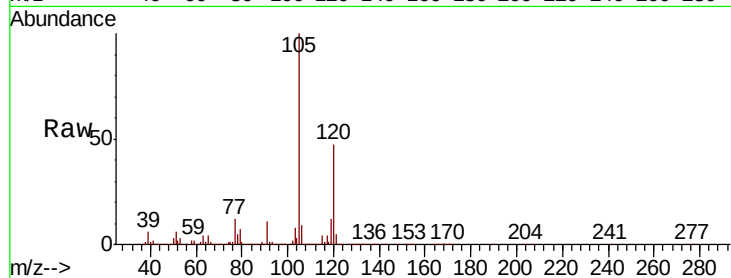
T3-MW-2-9.0-121918MS

Tot Ion:105 Resp: 1203576

Ion Ratio Lower Upper

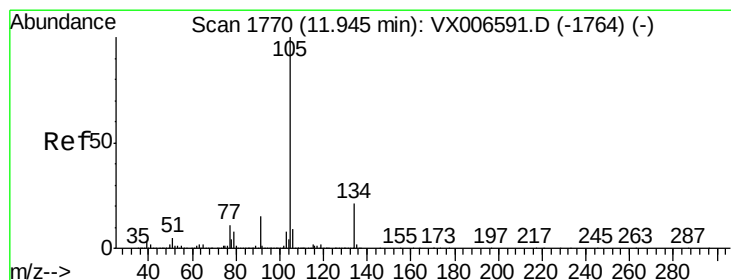
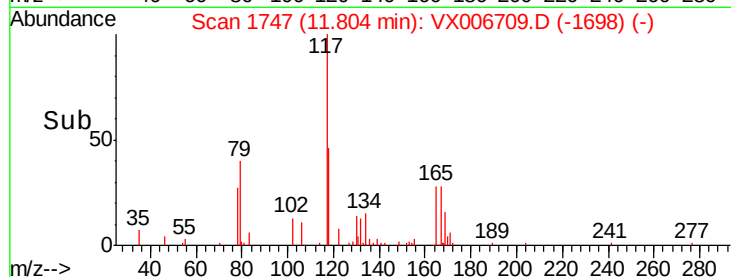
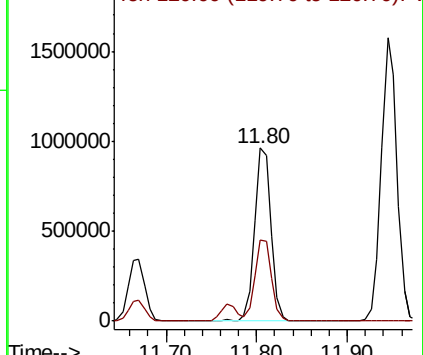
105 100

120 46.7 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: 65.428 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006709.D

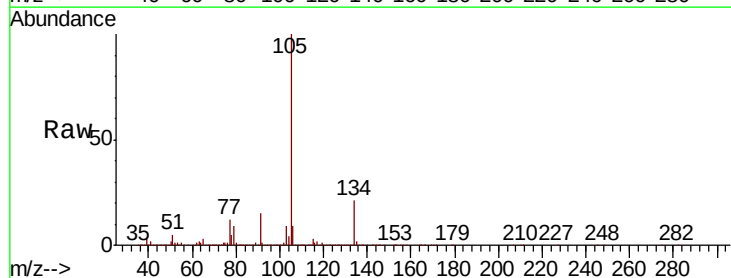
Acq: 21 Dec 2018 06:55

Tgt Ion:105 Resp: 1886434

Ion Ratio Lower Upper

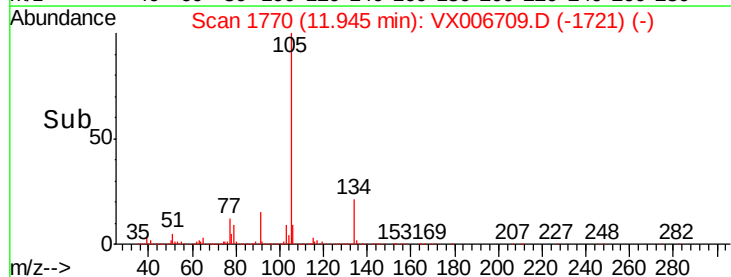
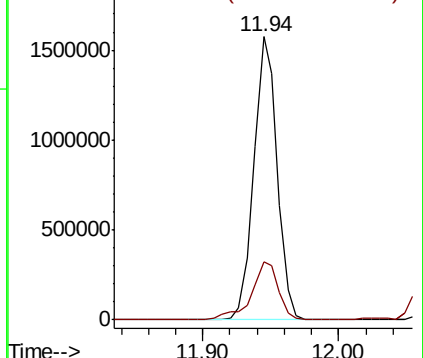
105 100

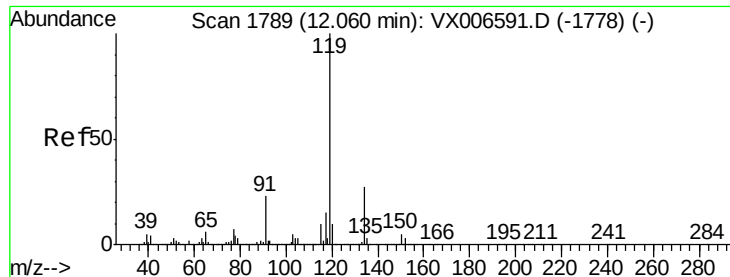
134 24.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



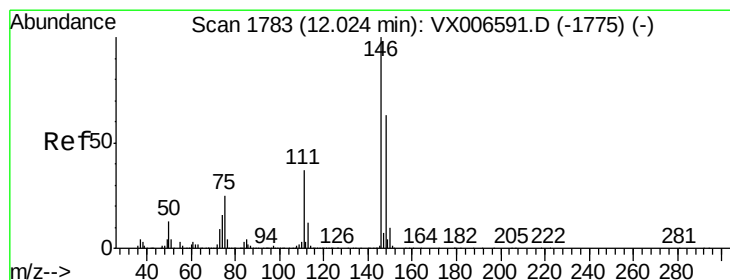
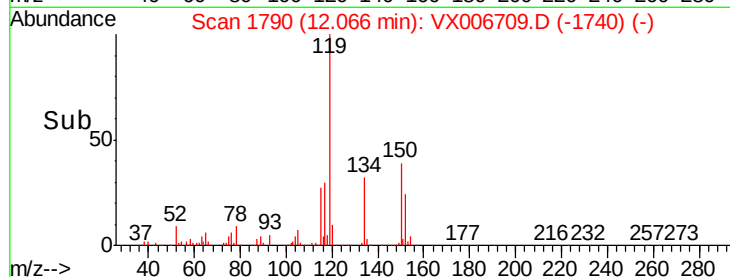
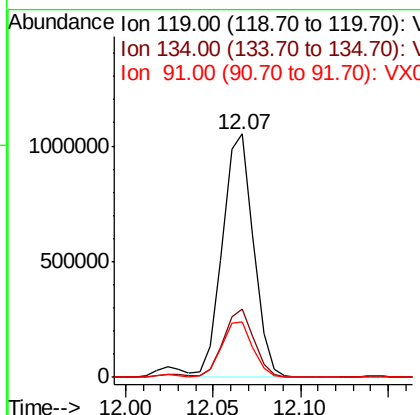
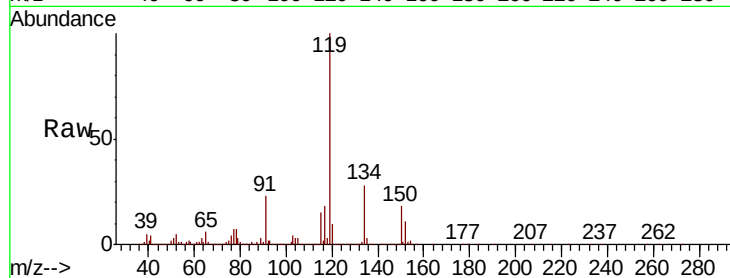


#86
 p-Isopropyltoluene
 Concen: 51.160 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

Tot Ion:119 Resp: 1296642

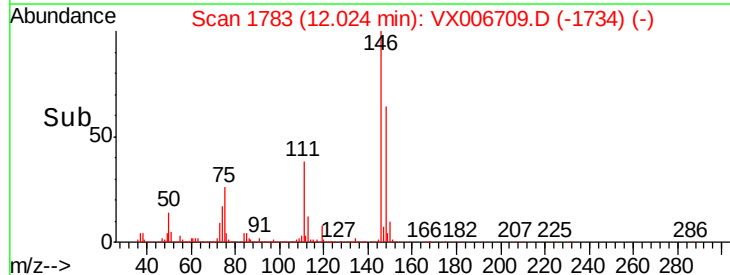
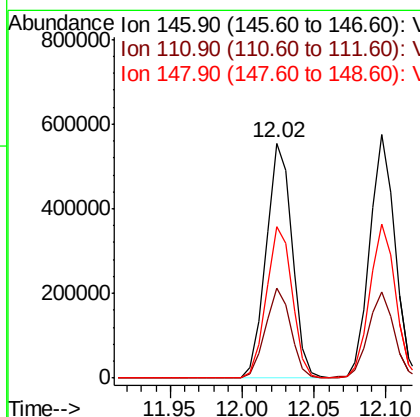
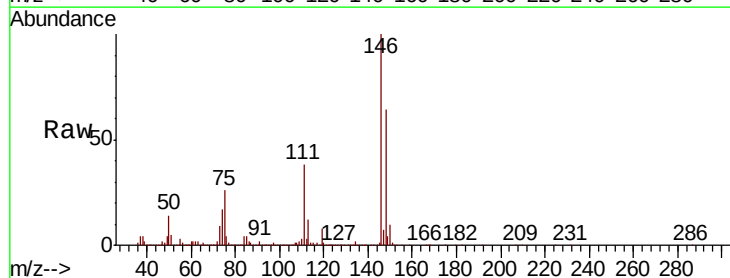
Ion	Ratio	Lower	Upper
119	100		
134	27.4	14.0	41.9
91	22.7	11.3	33.9

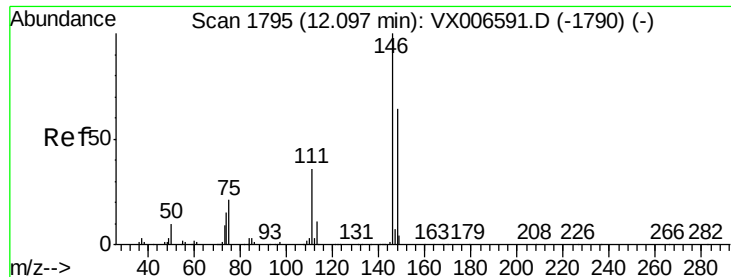


#87
 1,3-Dichlorobenzene
 Concen: 49.591 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion:146 Resp: 689294

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.8
148	64.2	31.8	95.3





#88

1,4-Dichlorobenzene

Concen: 48.079 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

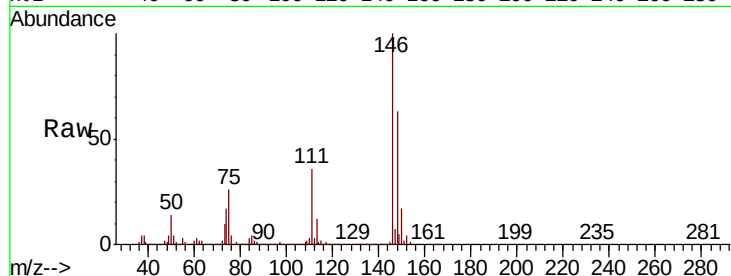
Tot Ion:146 Resp: 685072

Ion Ratio Lower Upper

146 100

111 36.4 18.1 54.1

148 64.5 31.9 95.9

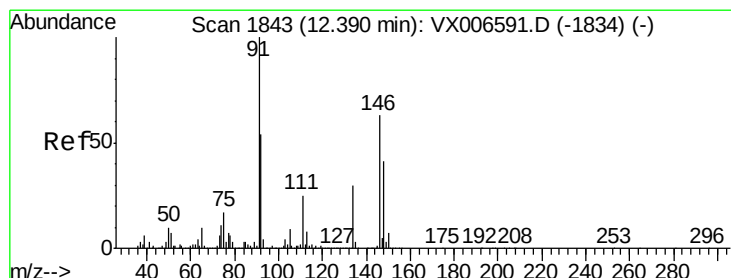
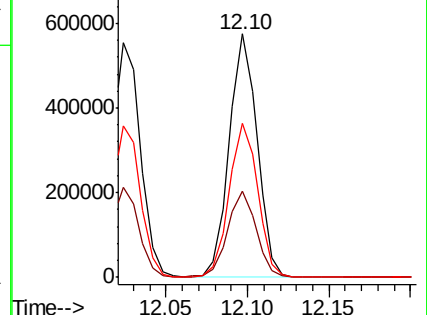
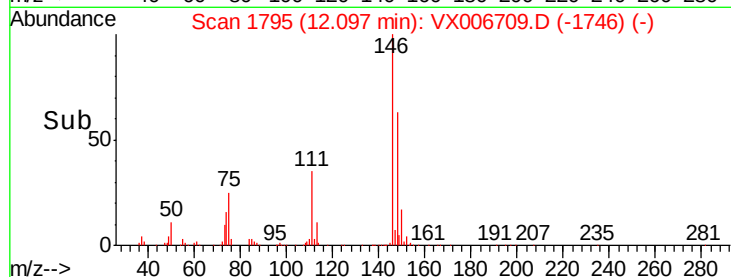


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 77.298 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

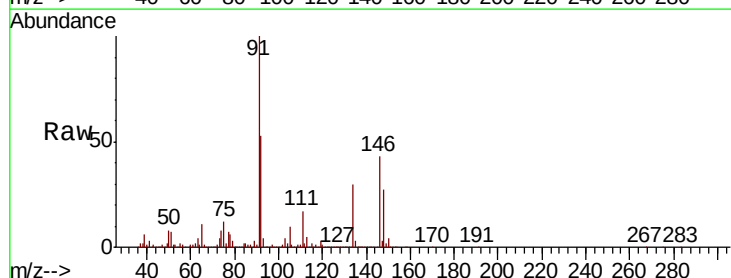
Tgt Ion: 91 Resp: 1667293

Ion Ratio Lower Upper

91 100

92 48.5 26.8 80.4

134 46.0 14.4 43.2#

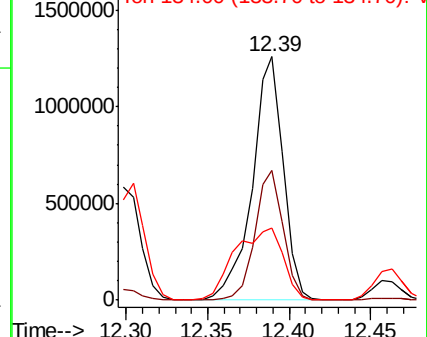
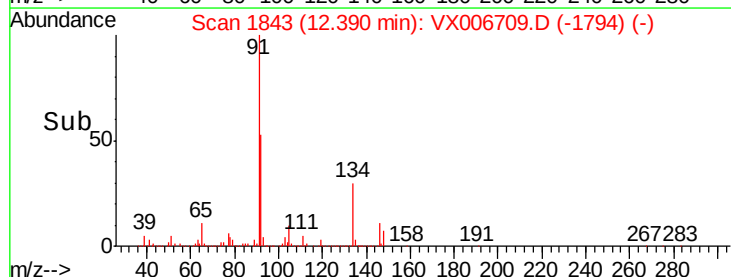


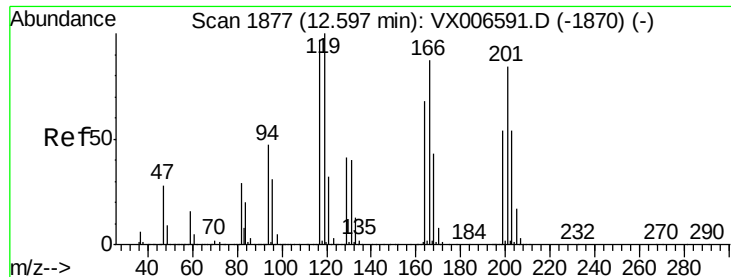
Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 65.344 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

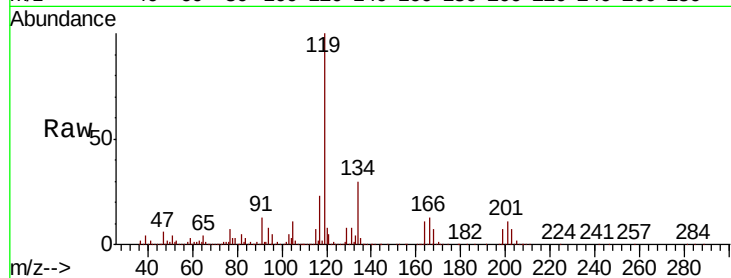
T3-MW-2-9.0-121918MS

Tot Ion:117 Resp: 263482

Ion Ratio Lower Upper

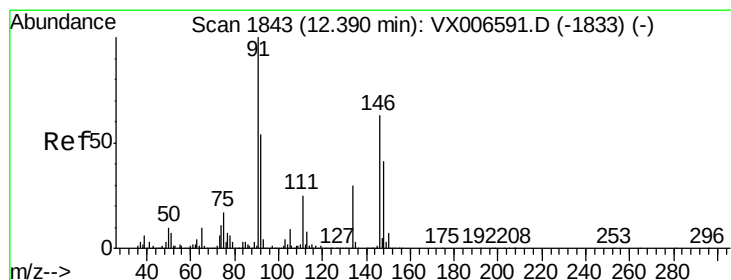
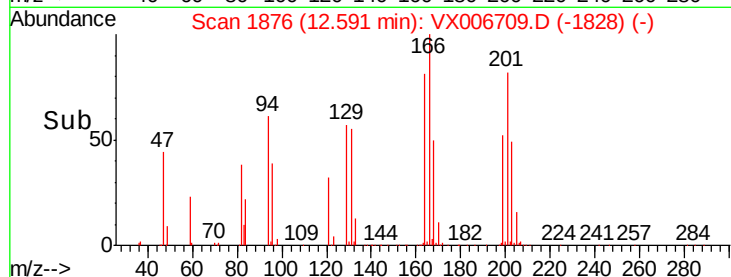
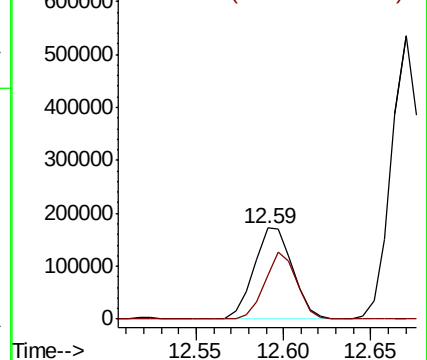
117 100

201 60.8 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 48.704 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

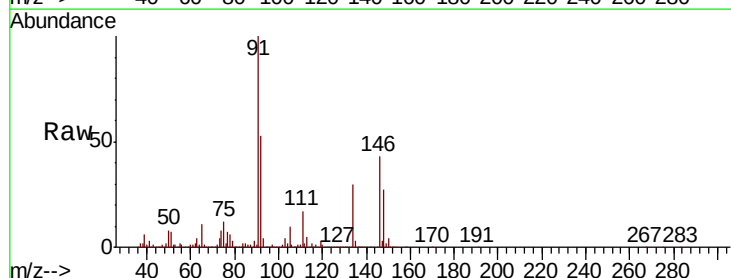
Tgt Ion:146 Resp: 677188

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

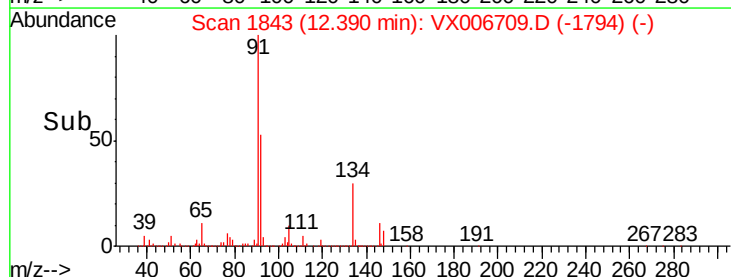
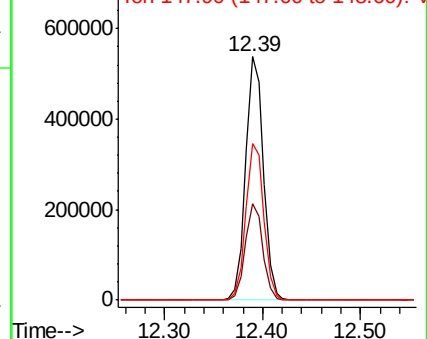
148 64.7 32.3 96.9

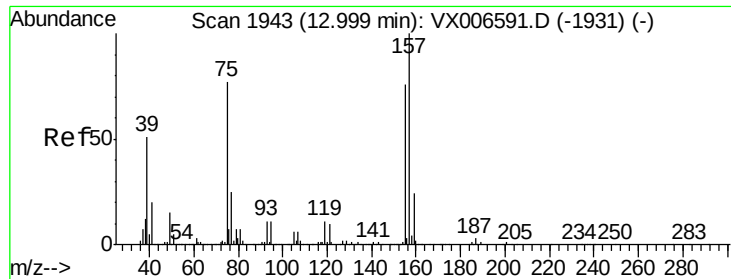


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 74.112 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

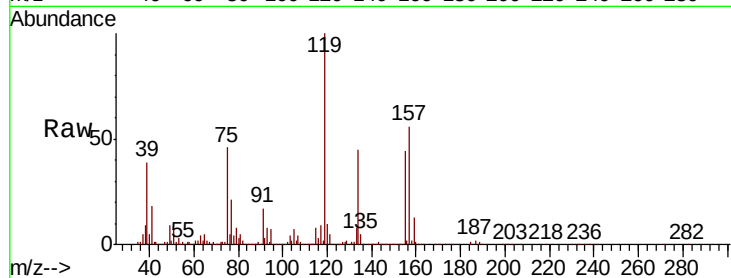
MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion: 75 Resp: 130098

Ion	Ratio	Lower	Upper
75	100		
155	70.3	50.6	151.8
157	89.3	64.6	193.8

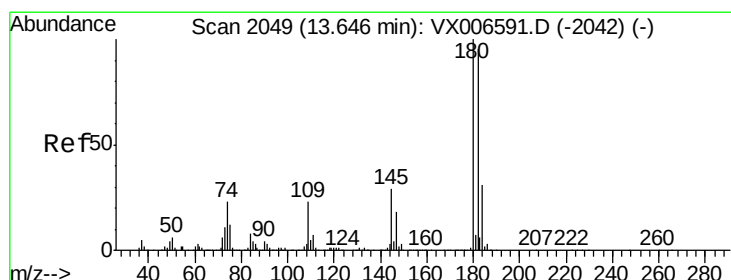
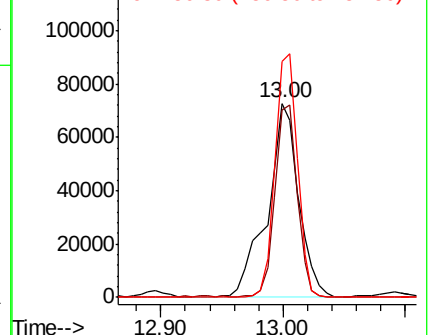
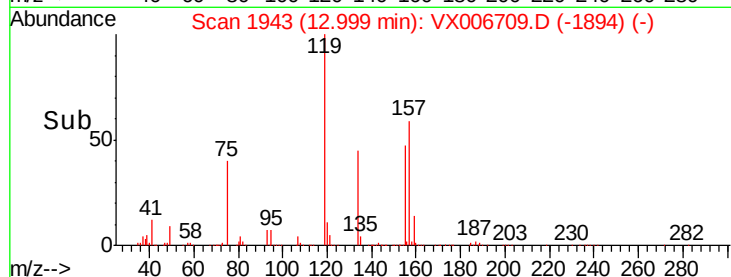


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 52.237 ug/l

RT: 13.65 min Scan# 2049

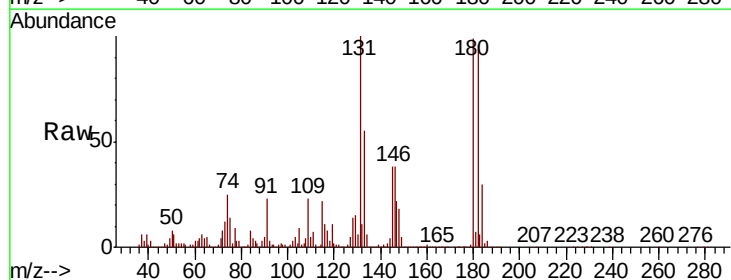
Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion: 180 Resp: 501012

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	142.0
145	41.6	14.8	44.3

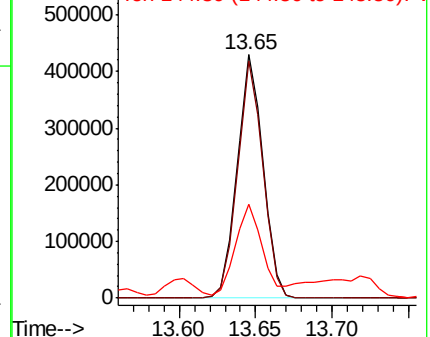
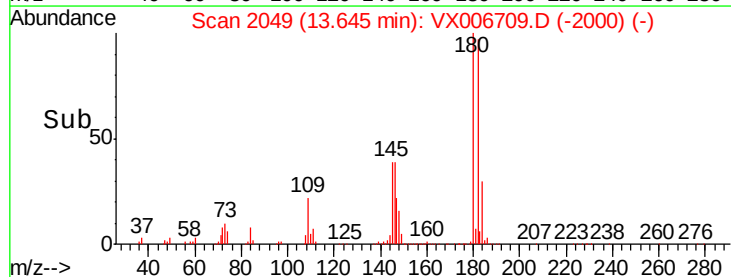


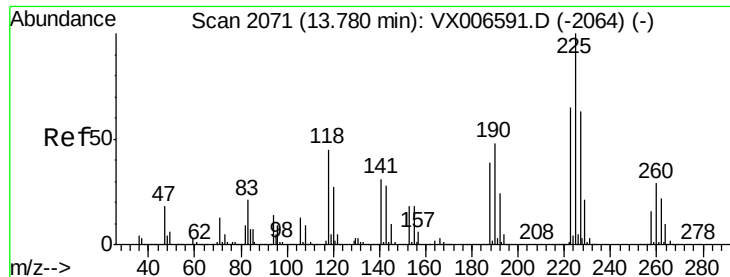
Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 51.516 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

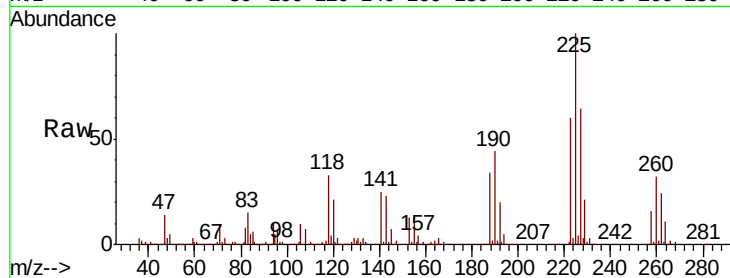
Tot Ion:225 Resp: 232888

Ion Ratio Lower Upper

225 100

223 61.6 32.1 96.3

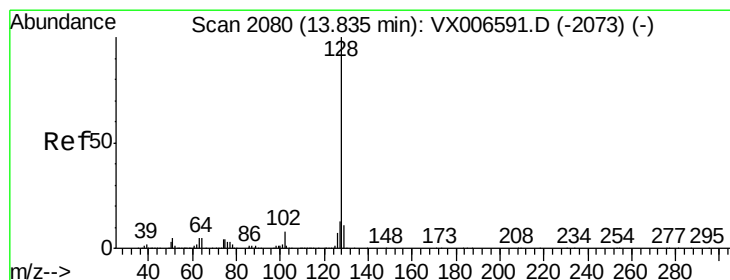
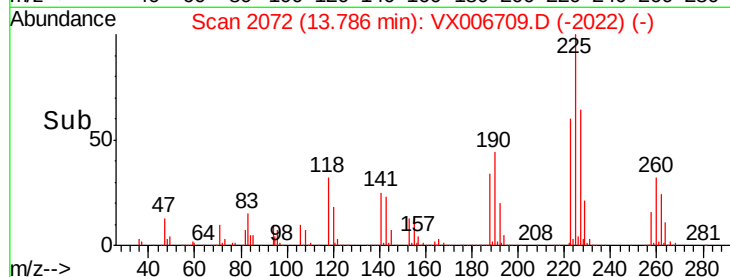
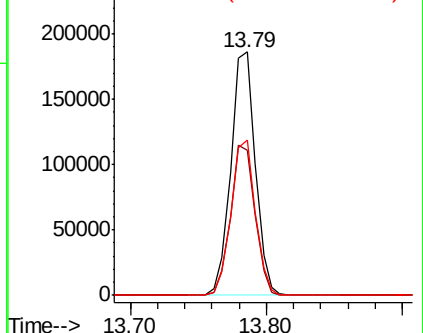
227 63.2 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 53.249 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

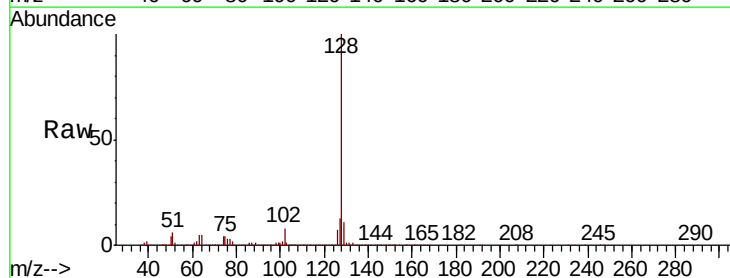
Tgt Ion:128 Resp: 1630030

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

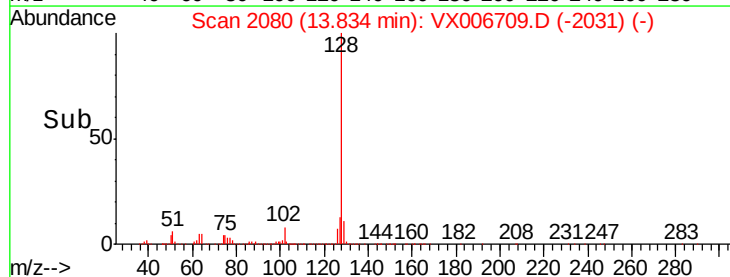
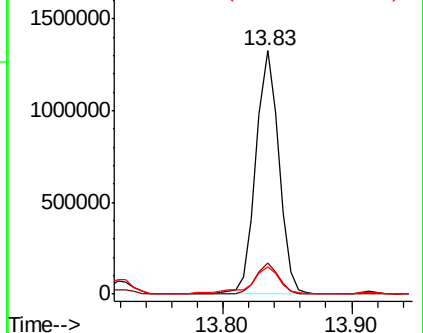
129 13.7 8.6 13.0#

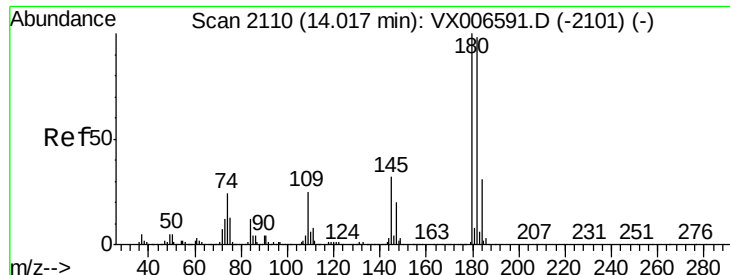


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

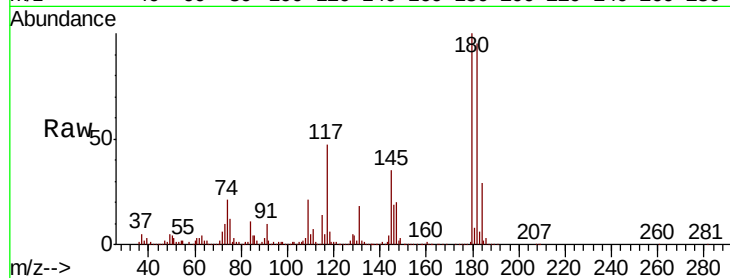




#96
 1,2,3-Trichlorobenzene
 Concen: 51.683 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.5	145.5
145	35.5	16.0	47.9



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

