

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010708.D
 Acq On : 08 Jul 2019 20:06
 Operator : JC/SP
 Sample : K3669-14MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

Quant Time: Jul 09 01:13:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165934	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	110386	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
35) Dibromofluoromethane	5.50	113	103559	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
50) Toluene-d8	8.71	98	378180	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
62) 4-Bromofluorobenzene	11.13	95	144232	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	95454	61.219	ug/l	98
3) Chloromethane	1.32	50	99018	54.537	ug/l	98
4) Vinyl Chloride	1.41	62	109802	55.214	ug/l	99
5) Bromomethane	1.64	94	54533	56.287	ug/l	98
6) Chloroethane	1.71	64	65667	55.969	ug/l	98
7) Trichlorofluoromethane	1.93	101	182238	57.808	ug/l	100
8) Diethyl Ether	2.19	74	63347	56.033	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101675	53.221	ug/l	100
10) Methyl Iodide	2.51	142	142744	52.355	ug/l	98
11) Tert butyl alcohol	3.05	59	125458	228.008	ug/l	97
12) 1,1-Dichloroethene	2.37	96	105399	54.218	ug/l	97
13) Acrolein	2.29	56	86210	236.184	ug/l	98
14) Allyl chloride	2.73	41	149389	54.129	ug/l	98
15) Acrylonitrile	3.14	53	298351	273.867	ug/l	99
16) Acetone	2.45	43	240809	228.502	ug/l	97
17) Carbon Disulfide	2.57	76	268715	51.523	ug/l	99
18) Methyl Acetate	2.78	43	109005	51.897	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	334997	54.778	ug/l	98
20) Methylene Chloride	2.85	84	116559	53.744	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	111514	53.337	ug/l	97
22) Diisopropyl ether	3.85	45	320238	55.498	ug/l	95
23) Vinyl Acetate	3.81	43	1337607	268.332	ug/l	98
24) 1,1-Dichloroethane	3.70	63	182266	54.646	ug/l	100
25) 2-Butanone	4.67	43	400679	259.192	ug/l	99
26) 2,2-Dichloropropane	4.58	77	124977	43.133	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	229657	95.055	ug/l	98
28) Bromochloromethane	5.01	49	76311	47.852	ug/l	94
29) Tetrahydrofuran	5.13	42	258523	269.990	ug/l	99
30) Chloroform	5.21	83	196097	54.642	ug/l	99
31) Cyclohexane	5.58	56	166071	54.676	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	174053	54.927	ug/l	99
36) 1,1-Dichloropropene	5.80	75	143124	52.696	ug/l	98
37) Ethyl Acetate	4.83	43	144246	51.624	ug/l	99
38) Carbon Tetrachloride	5.79	117	153783	52.287	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	183086	51.282	ug/l	98
40) Benzene	6.14	78	448983	53.060	ug/l	100
41) Methacrylonitrile	5.04	41	83808	54.665	ug/l	97
42) 1,2-Dichloroethane	6.19	62	149502	58.042	ug/l	98
43) Isopropyl Acetate	6.45	43	243707	52.717	ug/l	98
44) Trichloroethene	7.21	130	131747	52.033	ug/l	100
45) 1,2-Dichloropropane	7.51	63	112357	52.581	ug/l	96
46) Dibromomethane	7.66	93	83151	54.236	ug/l	95
47) Bromodichloromethane	7.90	83	147917	52.646	ug/l	98
48) Methyl methacrylate	7.77	41	122286	56.909	ug/l	96
49) 1,4-Dioxane	7.74	88	56199	907.885	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	823205	278.427	ug/l	98
52) Toluene	8.78	92	294371	52.827	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	159683	50.693	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	174923	51.100	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	121977	53.076	ug/l	99
56) Ethyl methacrylate	9.18	69	190018	54.581	ug/l	96
57) 1,3-Dichloropropane	9.37	76	190773	53.476	ug/l	100
59) 2-Hexanone	9.49	43	636955	273.727	ug/l	98
60) Dibromochloromethane	9.58	129	132560	51.516	ug/l	99
61) 1,2-Dibromoethane	9.67	107	132316	53.340	ug/l	99
64) Tetrachloroethene	9.34	164	121476	47.472	ug/l	98
65) Chlorobenzene	10.13	112	842876	131.229	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	122265	52.260	ug/l	100
67) Ethyl Benzene	10.25	91	569888	52.557	ug/l	99
68) m/p-Xylenes	10.36	106	442000	105.200	ug/l	98
69) o-Xylene	10.69	106	215963	52.268	ug/l	97
70) Stvrene	10.71	104	371555	53.622	ug/l	98
71) Bromoform	10.85	173	102124	50.195	ug/l #	99
73) Isopropylbenzene	11.02	105	585944	52.092	ug/l	98
74) N-amyl acetate	10.90	43	220598	51.894	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	193206	51.866	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	210951	69.765	ug/l	80
77) Bromobenzene	11.26	156	156077	49.693	ug/l	98
78) n-propylbenzene	11.36	91	641366	51.881	ug/l	99
79) 2-Chlorotoluene	11.42	91	377783	51.319	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	482653	52.050	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56037	43.234	ug/l	92
82) 4-Chlorotoluene	11.51	91	442307	52.803	ug/l	99
83) tert-Butylbenzene	11.77	119	517656	55.620	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	494890	53.121	ug/l	98
85) sec-Butylbenzene	11.94	105	600991	54.997	ug/l	99
86) p-Isopropyltoluene	12.06	119	517432	51.191	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	282689	51.562	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	284089	50.898	ug/l	99
89) n-Butylbenzene	12.38	91	451323	52.546	ug/l	99
90) Hexachloroethane	12.60	117	85510	48.925	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	274220	50.325	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41545	51.727	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	188554	49.898	ug/l	98

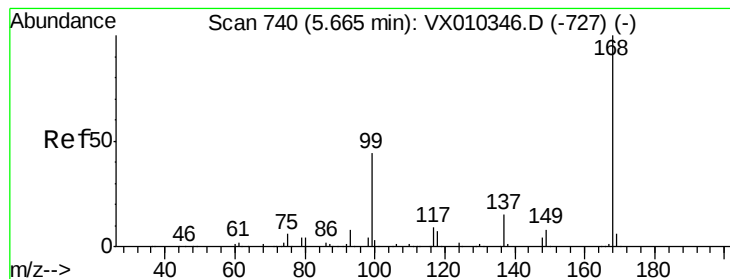
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	92705	50.197	ug/l	99
95) Naphthalene	13.83	128	597739	51.474	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	190184	50.620	ug/l	98

(#) = 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. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

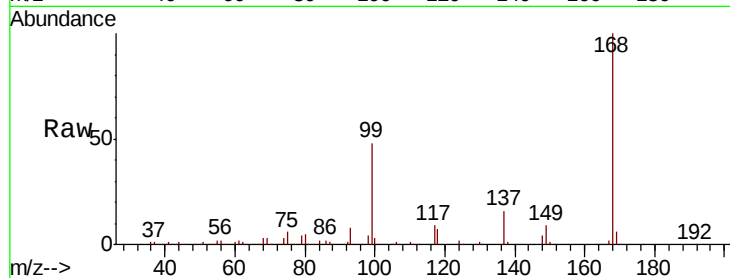
SS038RW151-190702MSD

Tot Ion:168 Resp: 224275

Ion Ratio Lower Upper

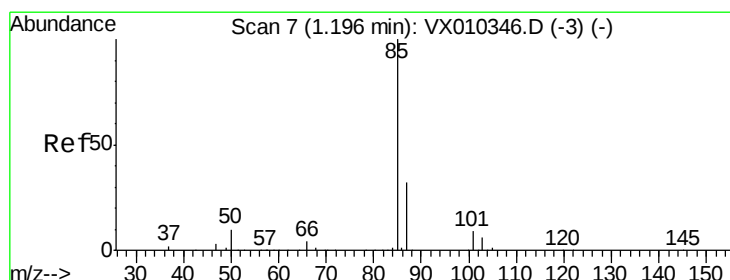
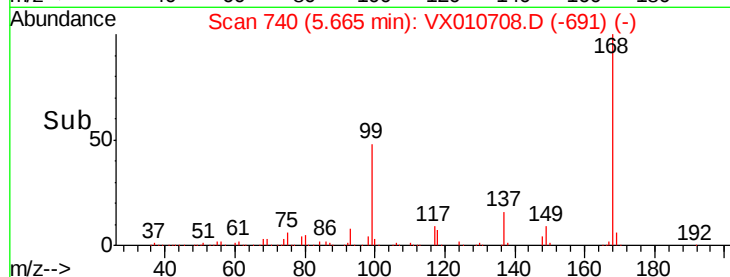
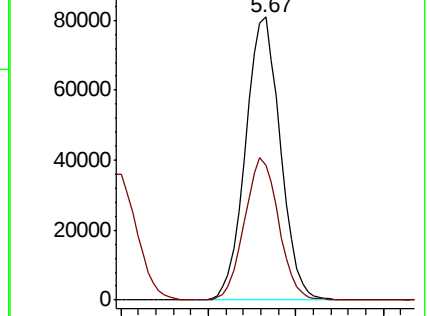
168 100

99 47.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 61.219 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010708.D

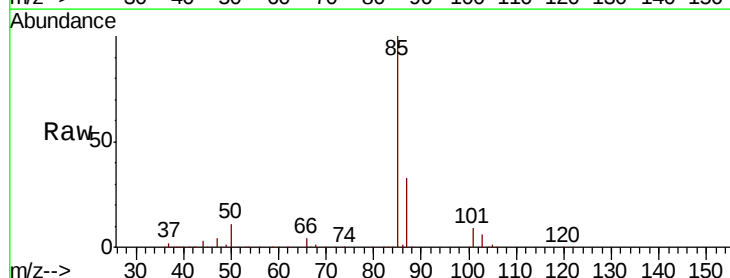
Acq: 08 Jul 2019 20:06

Tgt Ion: 85 Resp: 95454

Ion Ratio Lower Upper

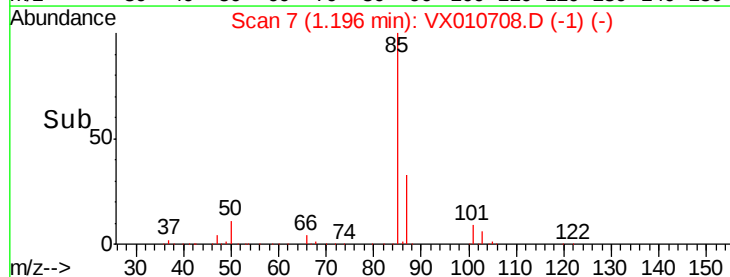
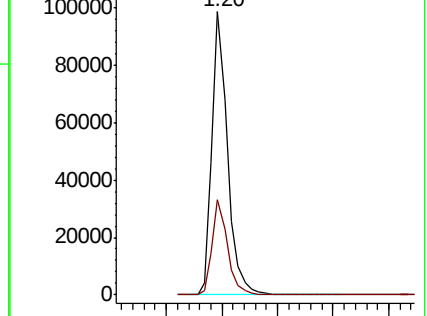
85 100

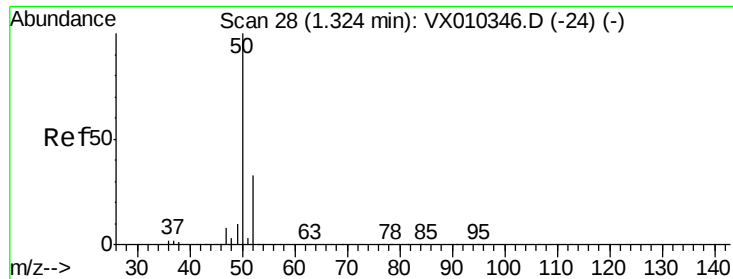
87 33.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 54.537 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

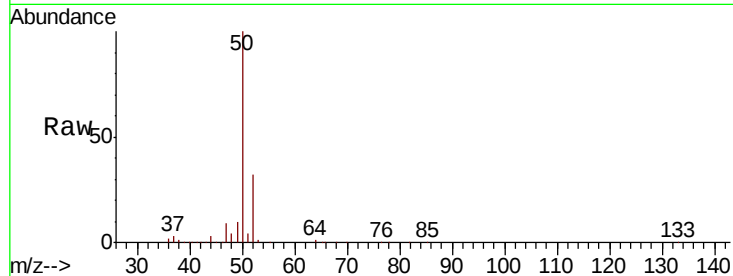
SS038RW151-190702MSD

Tot Ion: 50 Resp: 99018

Ion Ratio Lower Upper

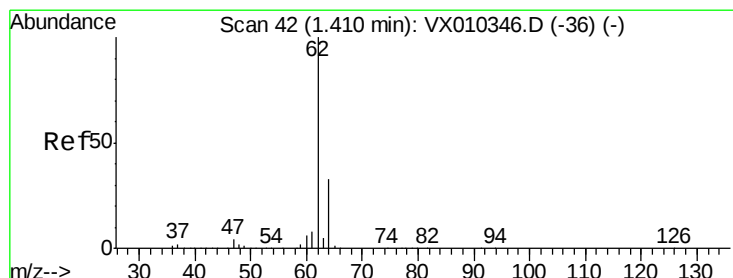
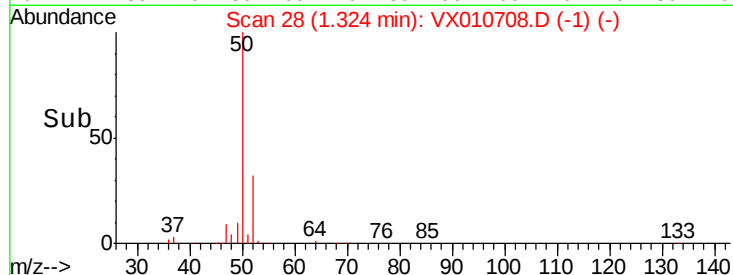
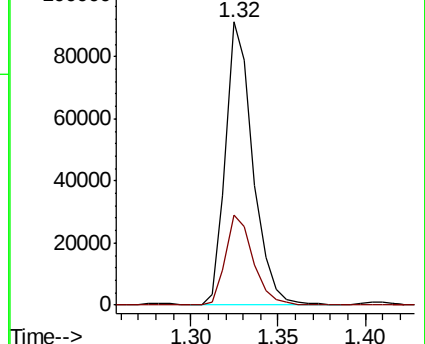
50 100

52 32.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 55.214 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010708.D

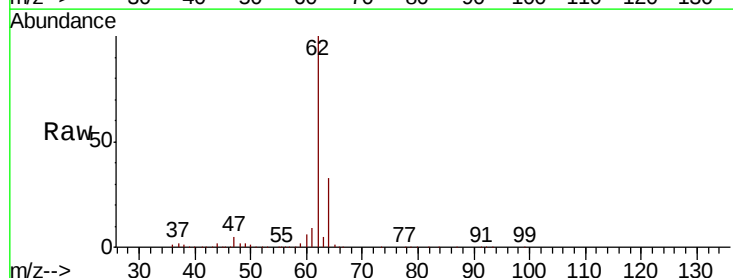
Acq: 08 Jul 2019 20:06

Tgt Ion: 62 Resp: 109802

Ion Ratio Lower Upper

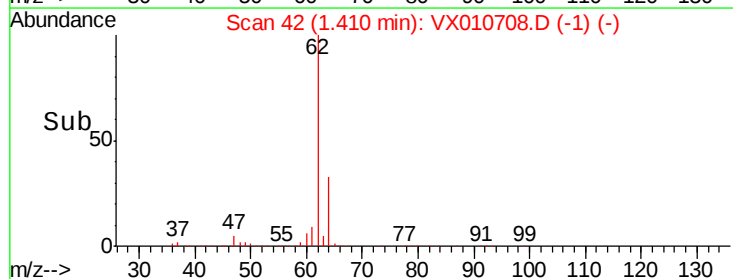
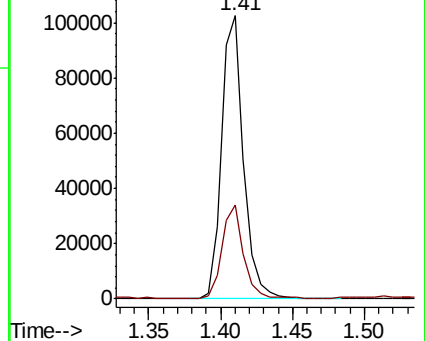
62 100

64 33.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.287 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

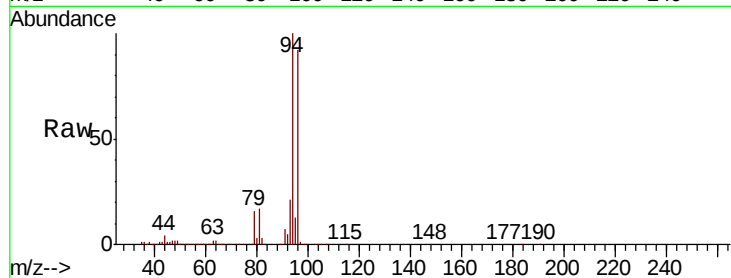
SS038RW151-190702MSD

Tot Ion: 94 Resp: 54533

Ion Ratio Lower Upper

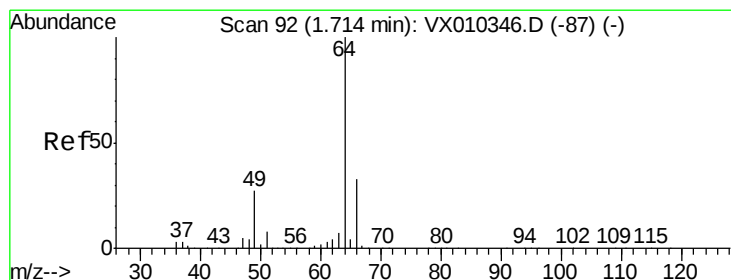
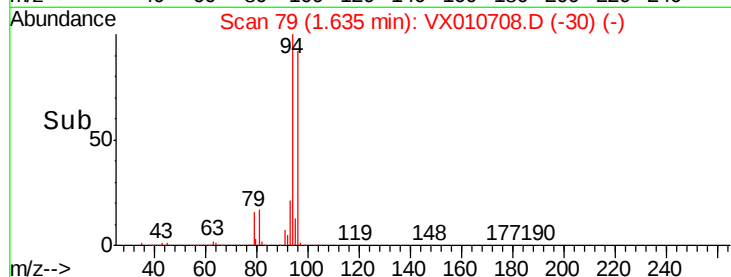
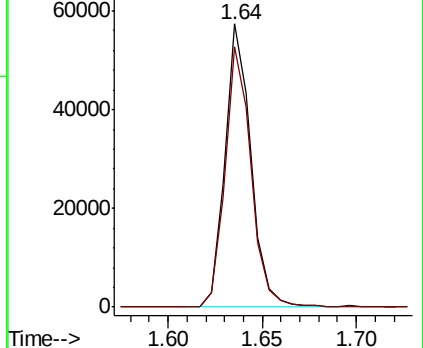
94 100

96 92.1 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.969 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010708.D

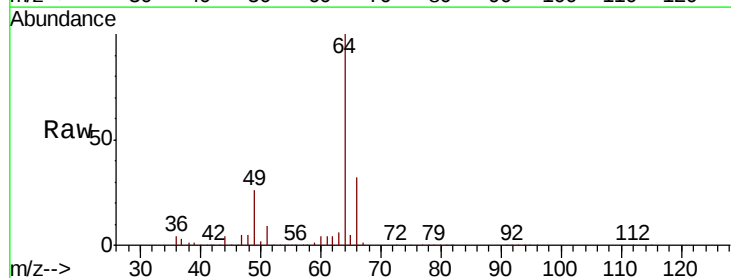
Acq: 08 Jul 2019 20:06

Tgt Ion: 64 Resp: 65667

Ion Ratio Lower Upper

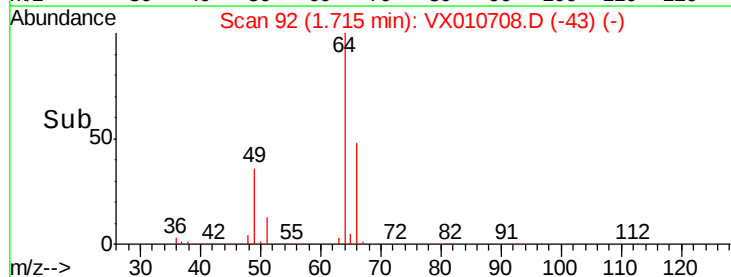
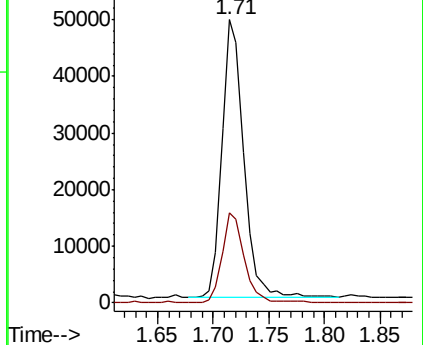
64 100

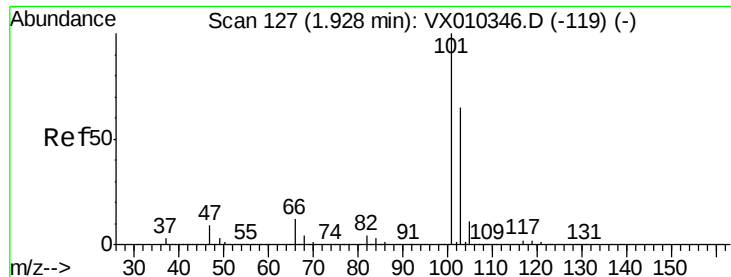
66 32.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



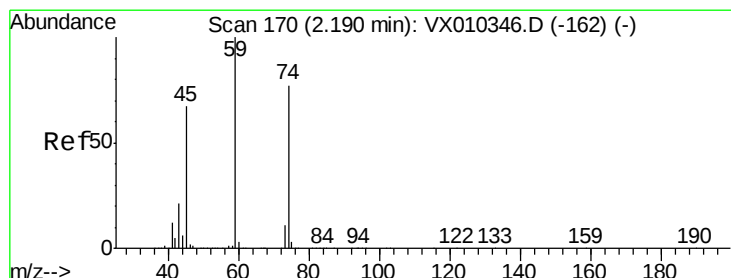
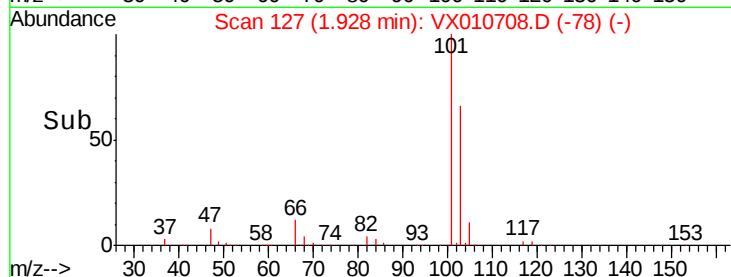
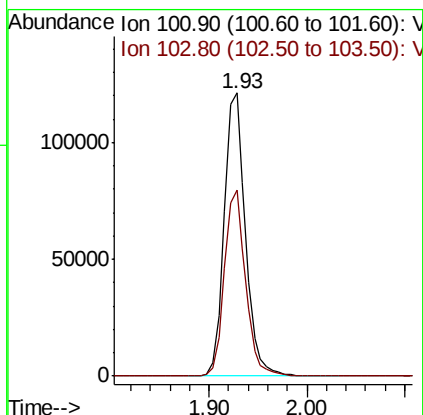
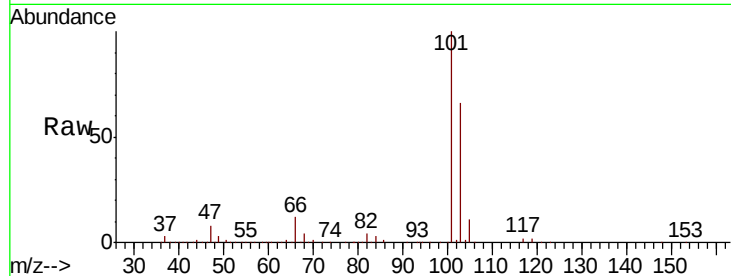


#7

Trichlorofluoromethane
 Concen: 57.808 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

Instrument :
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 SS038RW151-190702MSD

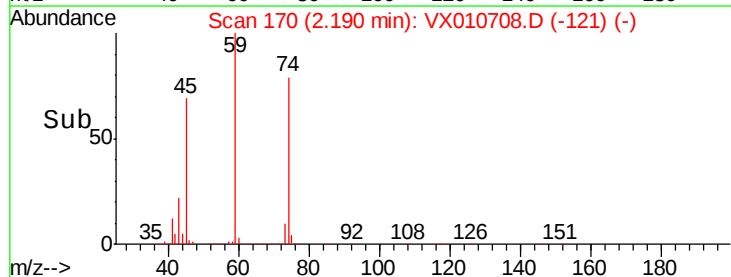
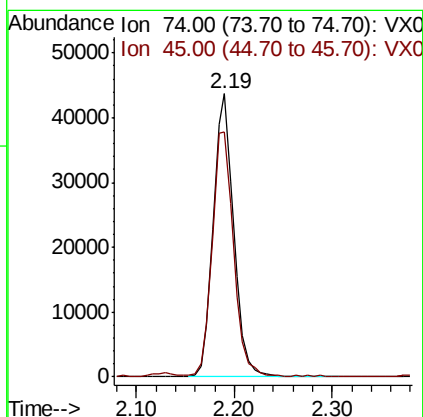
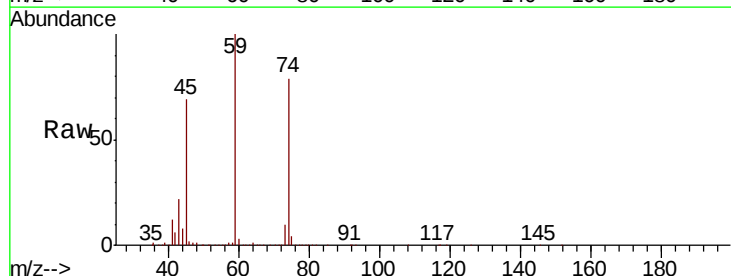
Tot Ion:101 Resp: 182238
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.3 78.5



#8

Diethyl Ether
 Concen: 56.033 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

Tgt Ion: 74 Resp: 63347
 Ion Ratio Lower Upper
 74 100
 45 89.5 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.221 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

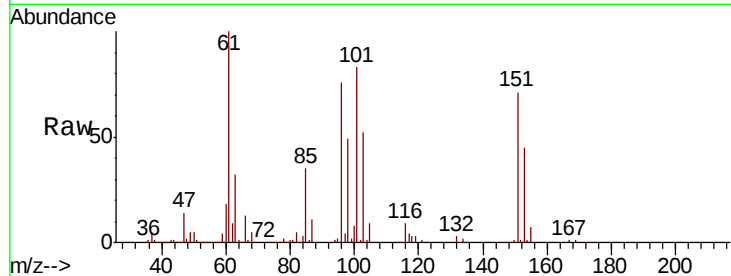
Tot Ion:101 Resp: 101675

Ion Ratio Lower Upper

101 100

85 42.4 33.7 50.5

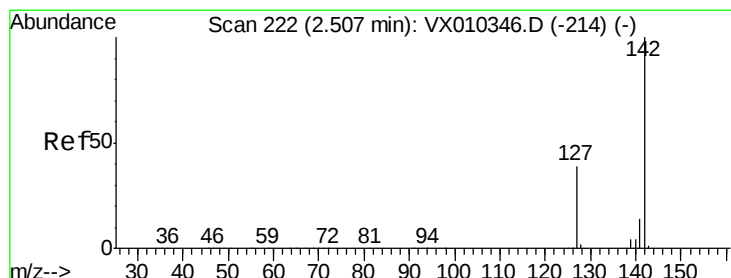
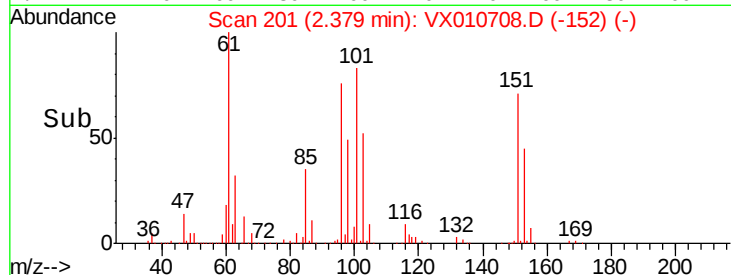
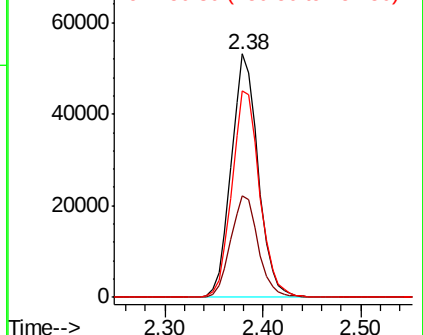
151 87.5 70.1 105.1



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: 52.355 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

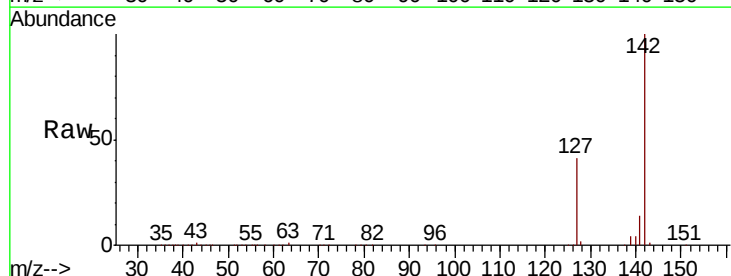
Tgt Ion:142 Resp: 142744

Ion Ratio Lower Upper

142 100

127 40.4 31.1 46.7

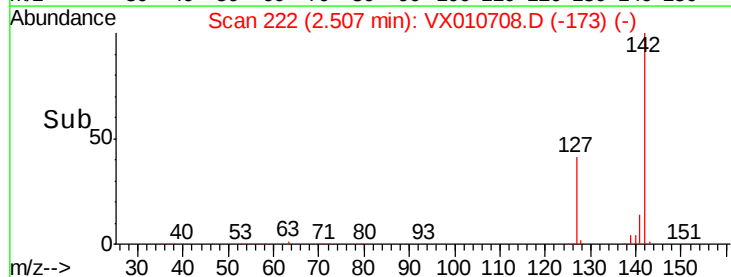
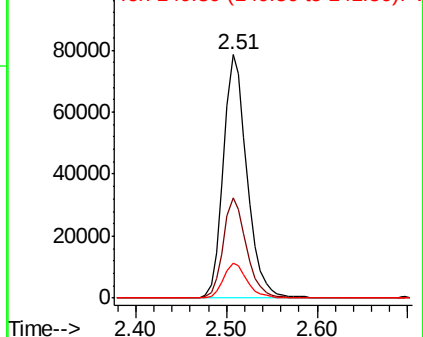
141 14.3 11.2 16.8



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



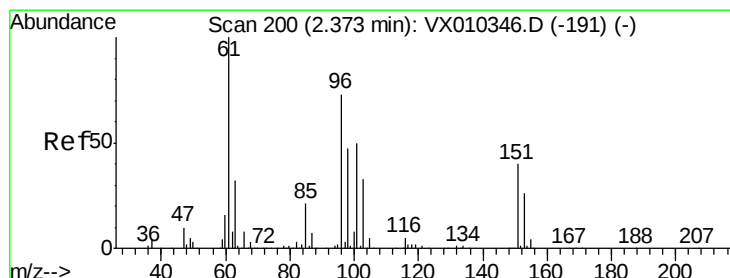
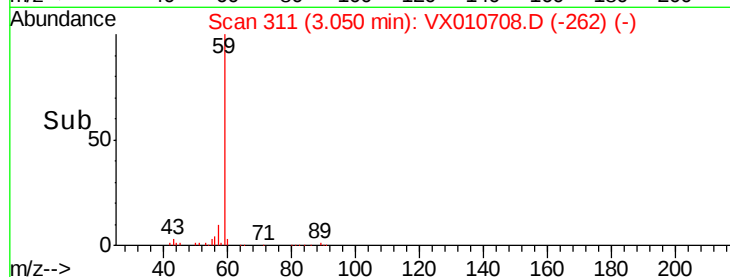
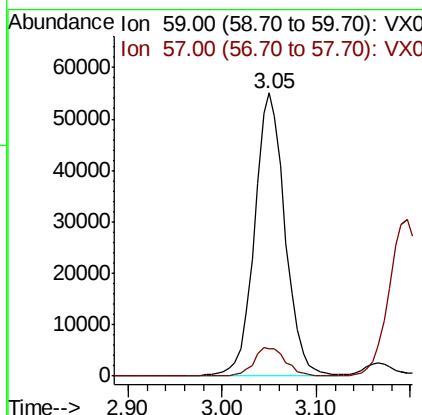
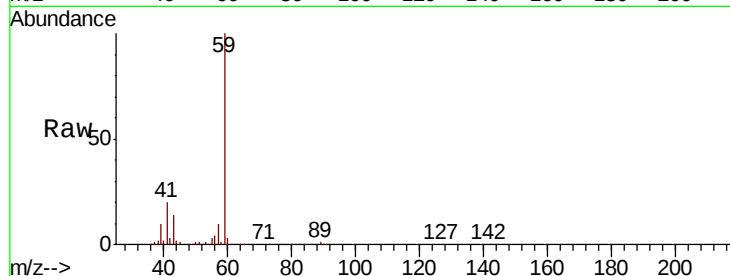


#11

Tert butyl alcohol
Concen: 228.008 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

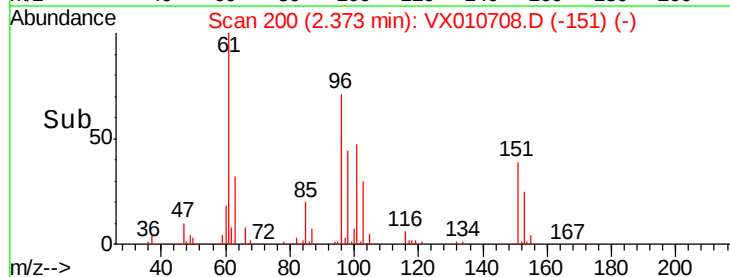
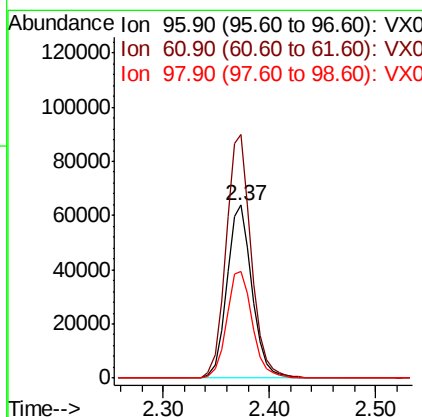
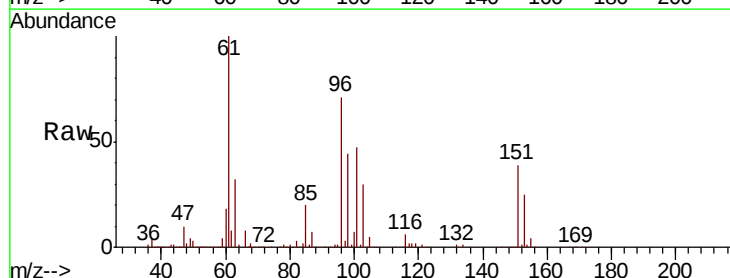
Tot Ion: 59 Resp: 125458
Ion Ratio Lower Upper
59 100
57 10.6 7.7 11.5



#12

1,1-Dichloroethene
Concen: 54.218 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

Tgt Ion: 96 Resp: 105399
Ion Ratio Lower Upper
96 100
61 140.8 109.2 163.8
98 62.0 51.1 76.7





#13

Acrolein

Concen: 236.184 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

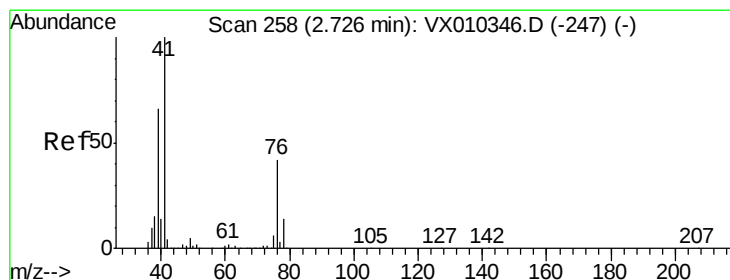
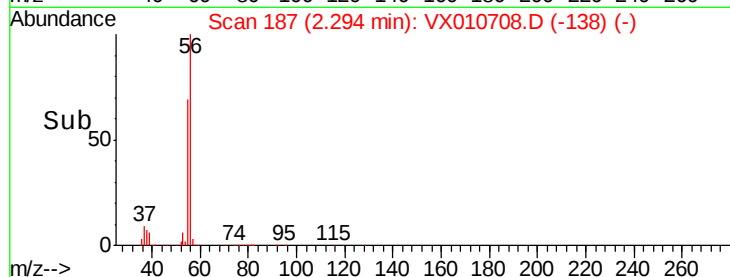
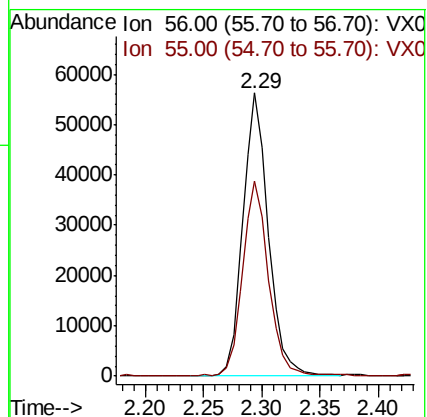
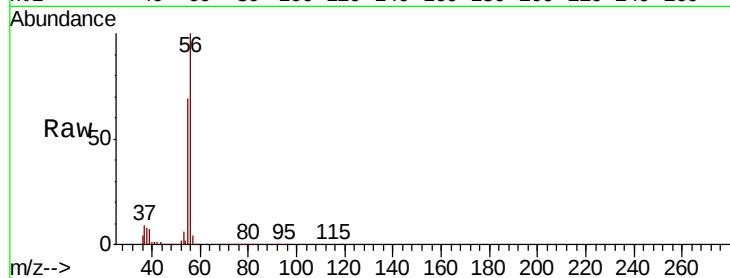
SS038RW151-190702MSD

Tot Ion: 56 Resp: 86210

Ion Ratio Lower Upper

56 100

55 69.2 56.9 85.3



#14

Allyl chloride

Concen: 54.129 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

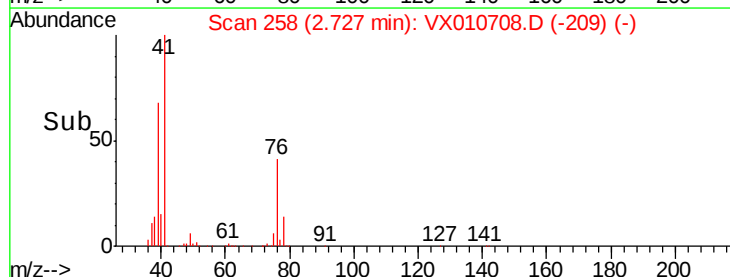
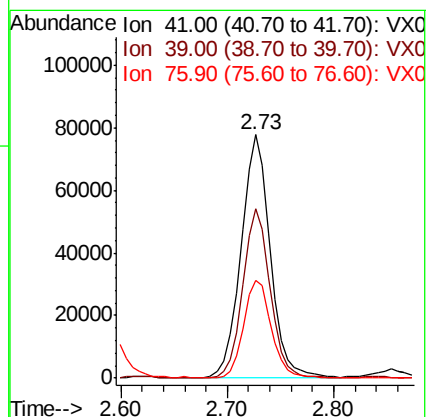
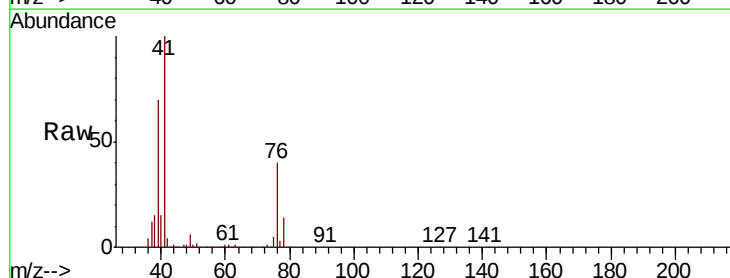
Tgt Ion: 41 Resp: 149389

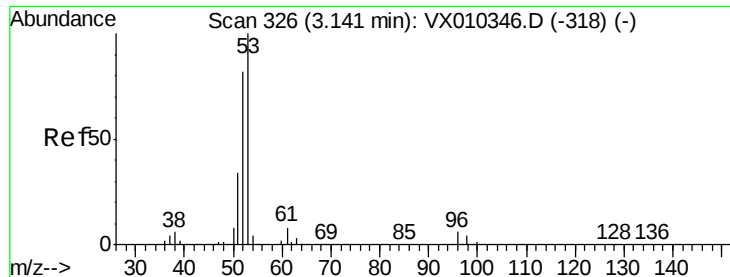
Ion Ratio Lower Upper

41 100

39 65.3 50.3 75.5

76 38.7 31.3 46.9





#15

Acrylonitrile

Concen: 273.867 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

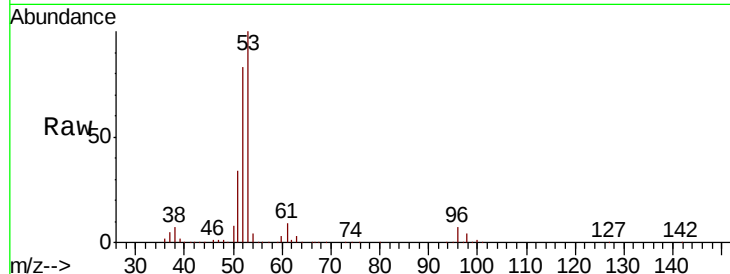
Tot Ion: 53 Resp: 298351

Ion Ratio Lower Upper

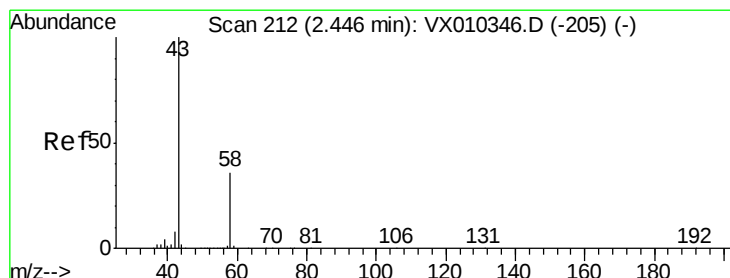
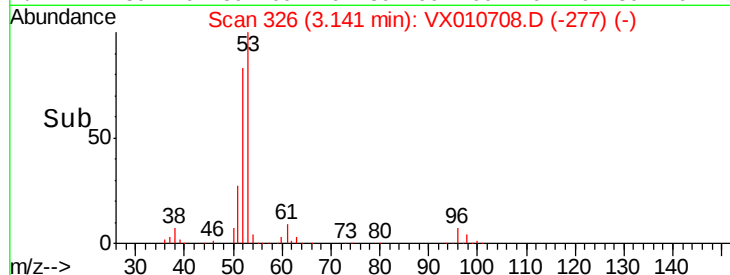
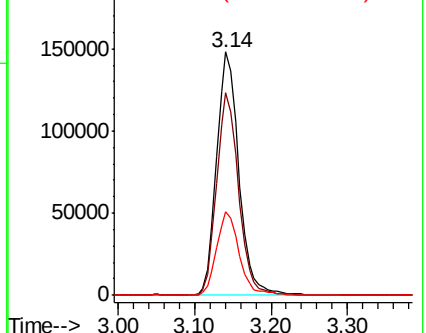
53 100

52 82.5 65.5 98.3

51 35.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 228.502 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010708.D

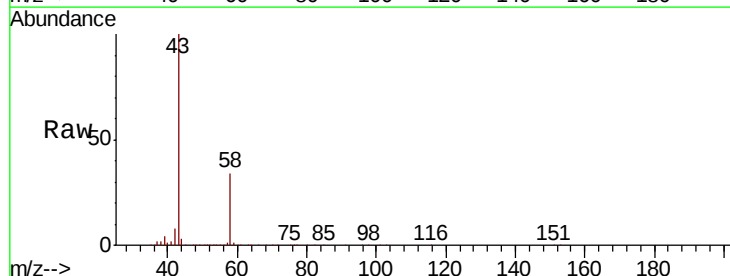
Acq: 08 Jul 2019 20:06

Tgt Ion: 43 Resp: 240809

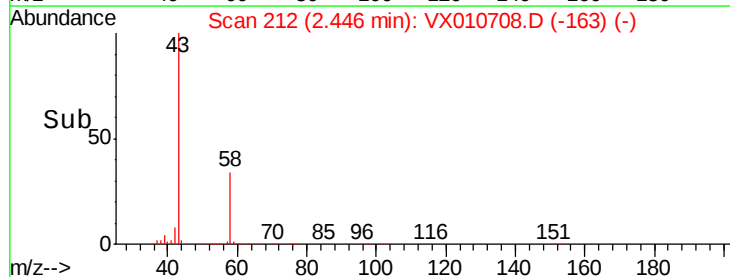
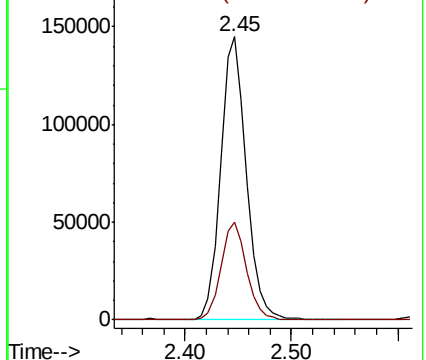
Ion Ratio Lower Upper

43 100

58 34.3 28.9 43.3



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

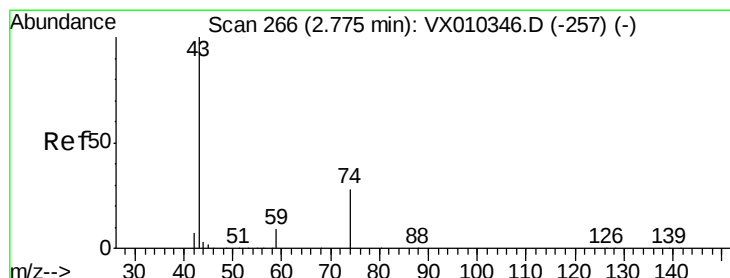
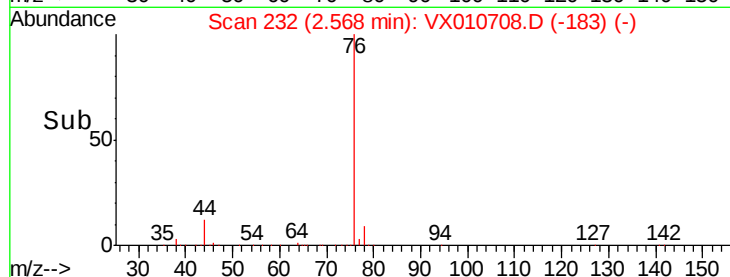
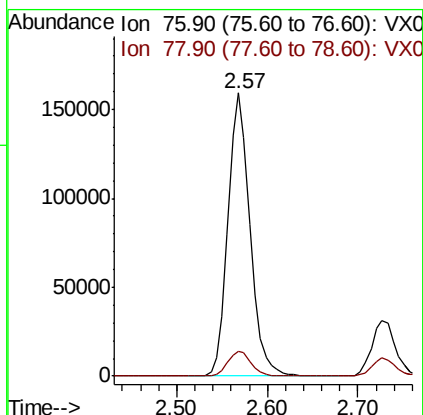
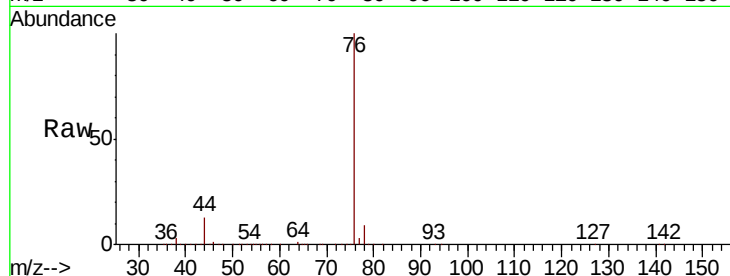




#17
Carbon Disulfide
Concen: 51.523 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

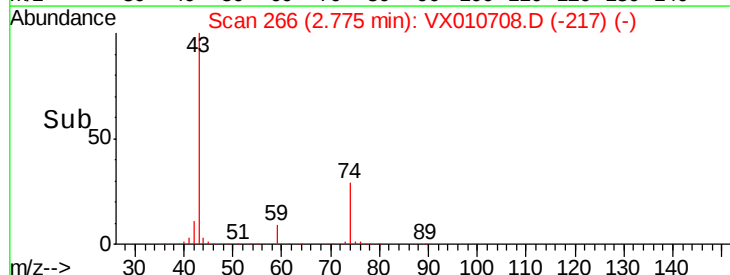
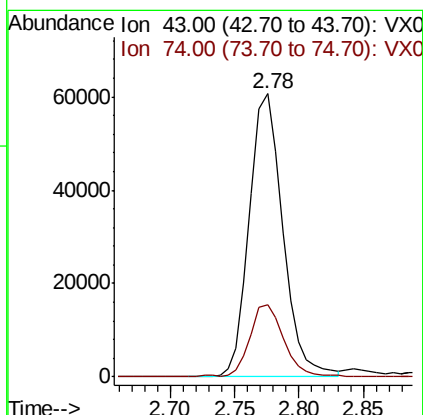
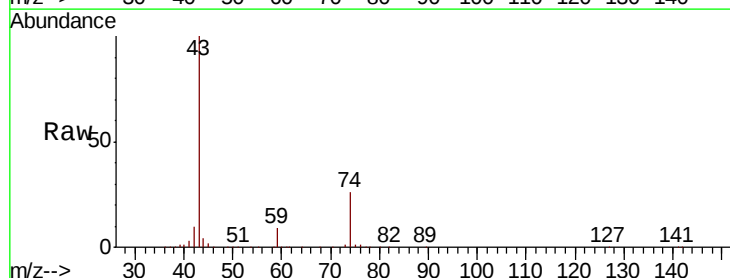
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

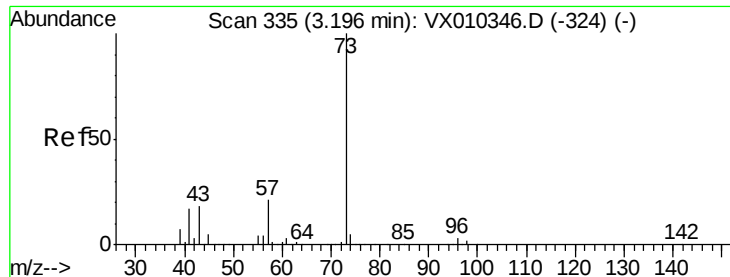
Tot Ion: 76 Resp: 268715
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 51.897 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

Tgt Ion: 43 Resp: 109005
Ion Ratio Lower Upper
43 100
74 26.3 21.3 31.9

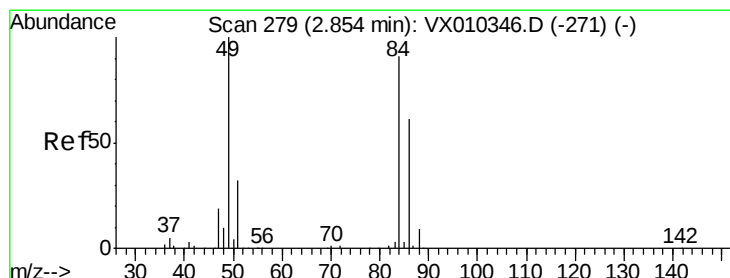
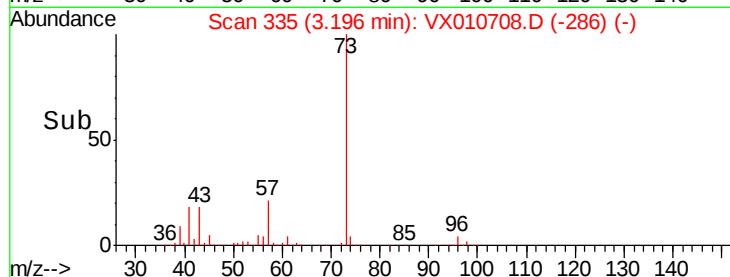
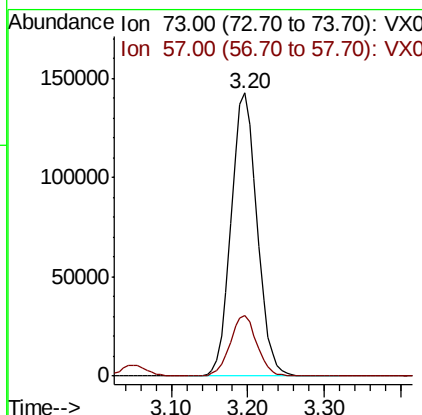
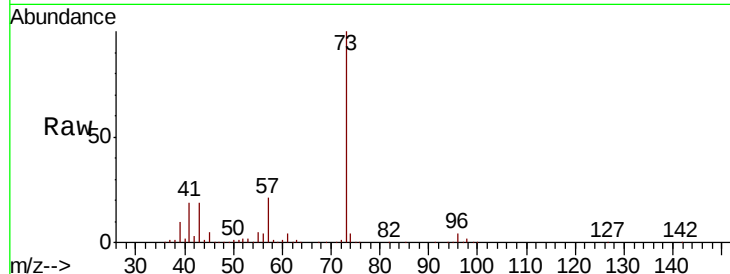




#19
Methyl tert-butyl Ether
Concen: 54.778 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

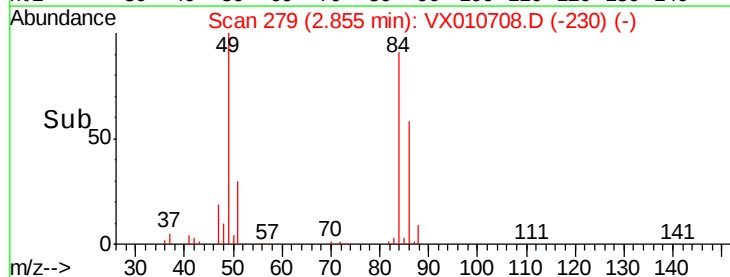
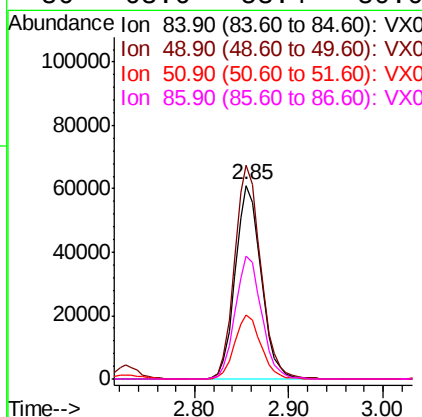
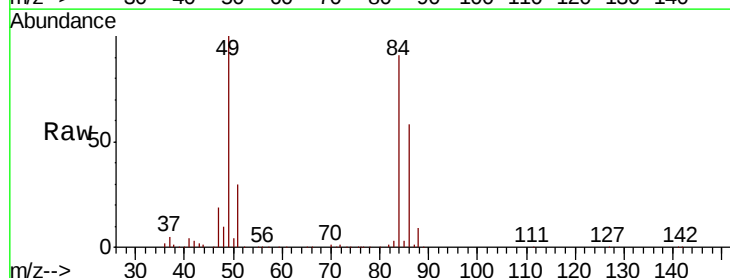
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion: 73 Resp: 334997
Ion Ratio Lower Upper
73 100
57 21.4 16.4 24.6



#20
Methylene Chloride
Concen: 53.744 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

Tgt Ion: 84 Resp: 116559
Ion Ratio Lower Upper
84 100
49 110.3 87.5 131.3
51 33.3 27.7 41.5
86 63.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 53.337 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

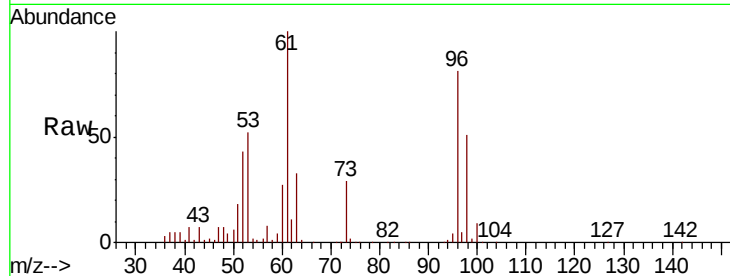
Tot Ion: 96 Resp: 111514

Ion Ratio Lower Upper

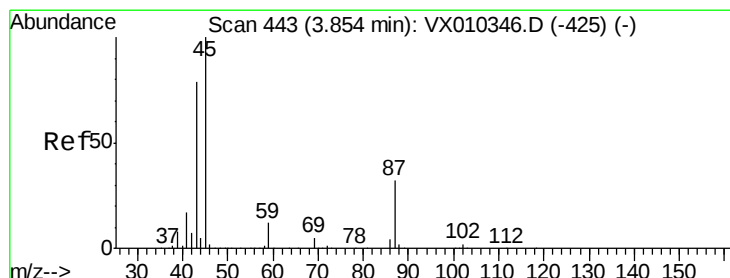
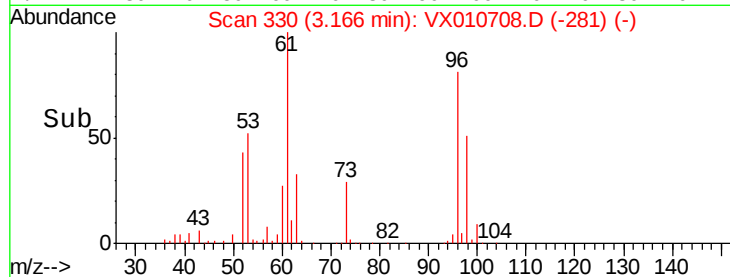
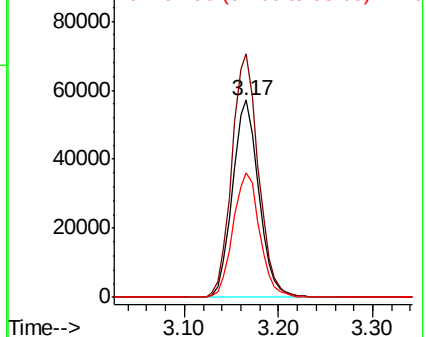
96 100

61 123.3 95.6 143.4

98 63.3 52.5 78.7



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: 55.498 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Tgt Ion: 45 Resp: 320238

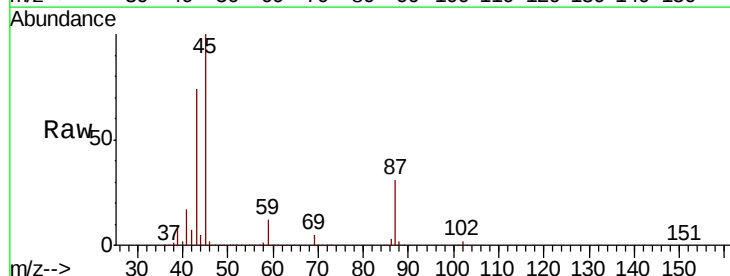
Ion Ratio Lower Upper

45 100

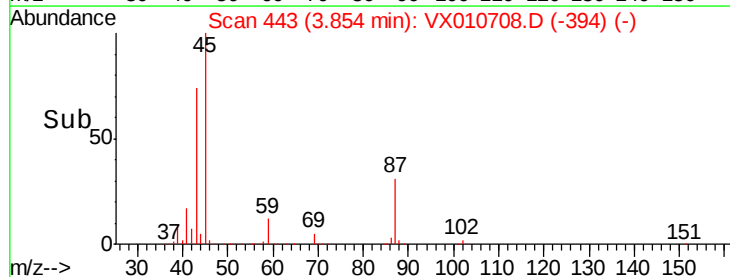
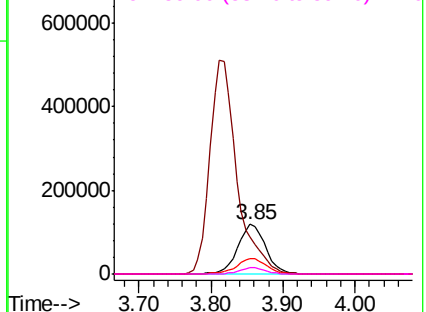
43 73.4 63.3 94.9

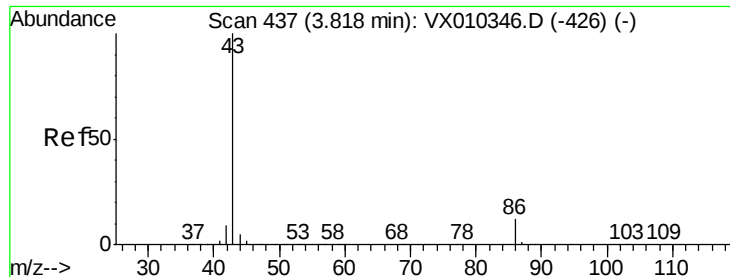
87 31.5 25.8 38.8

59 11.6 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 268.332 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

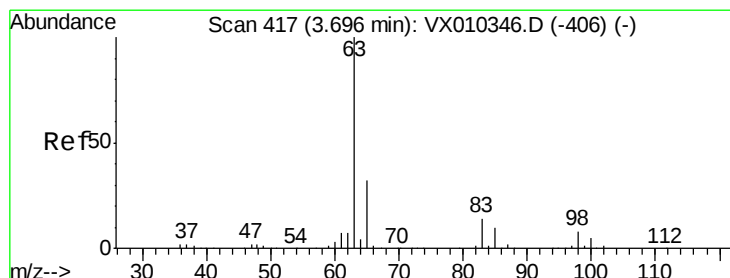
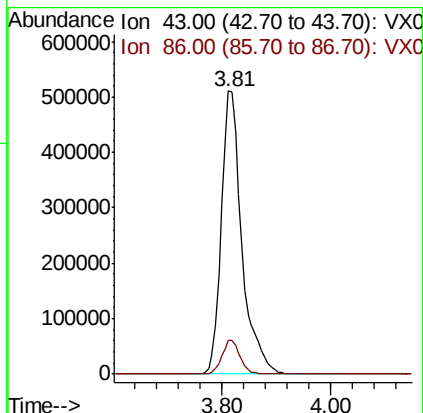
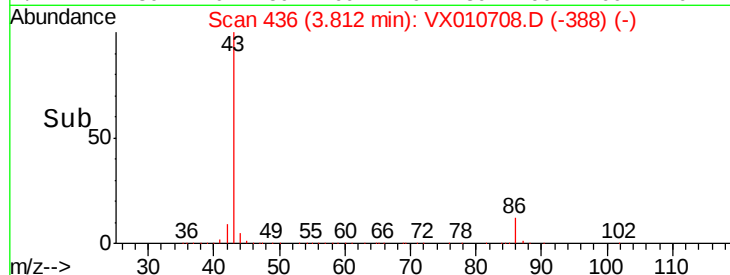
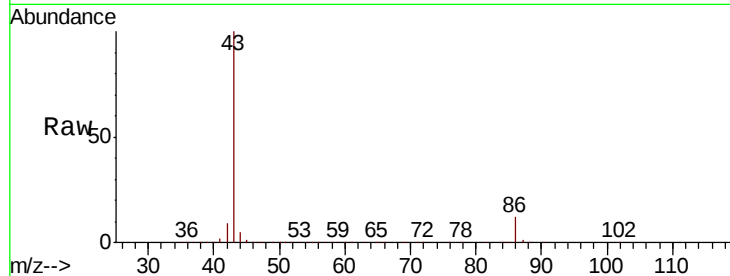
SS038RW151-190702MSD

Tot Ion: 43 Resp: 1337607

Ion Ratio Lower Upper

43 100

86 11.8 9.9 14.9



#24

1,1-Dichloroethane

Concen: 54.646 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

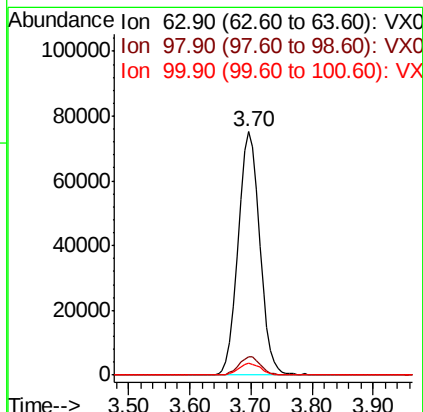
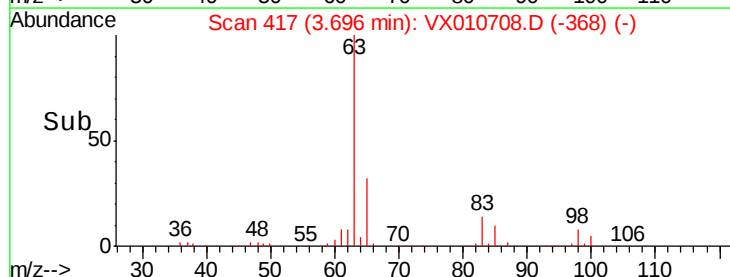
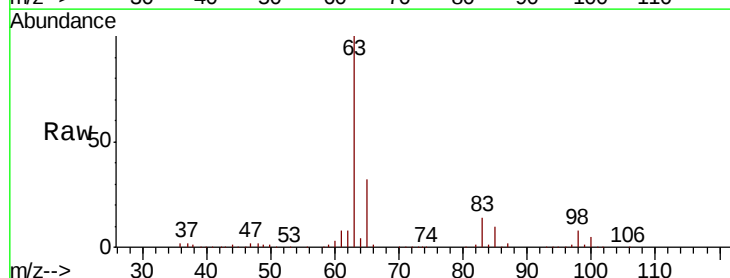
Tgt Ion: 63 Resp: 182266

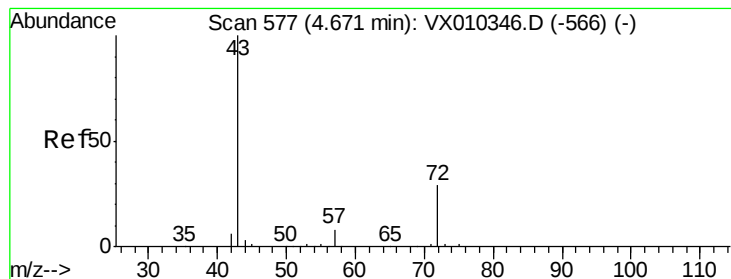
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 259.192 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

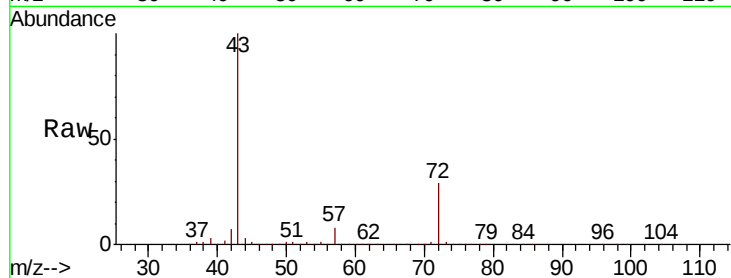
SS038RW151-190702MSD

Tot Ion: 43 Resp: 400679

Ion Ratio Lower Upper

43 100

72 28.7 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

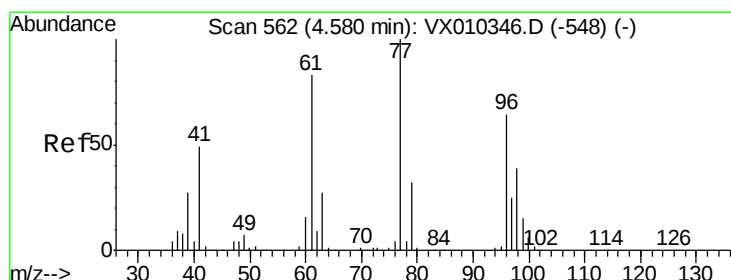
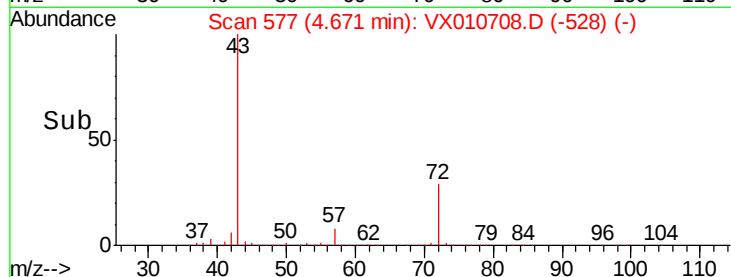
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 43.133 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010708.D

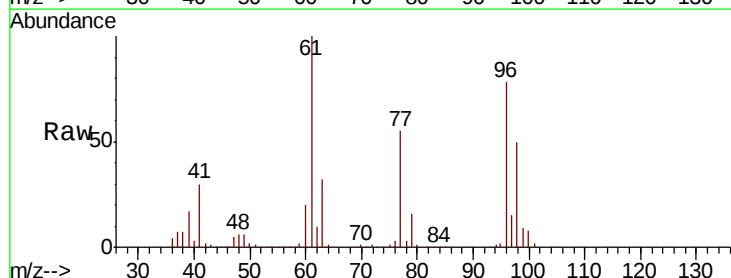
Acq: 08 Jul 2019 20:06

Tgt Ion: 77 Resp: 124977

Ion Ratio Lower Upper

77 100

97 29.6 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

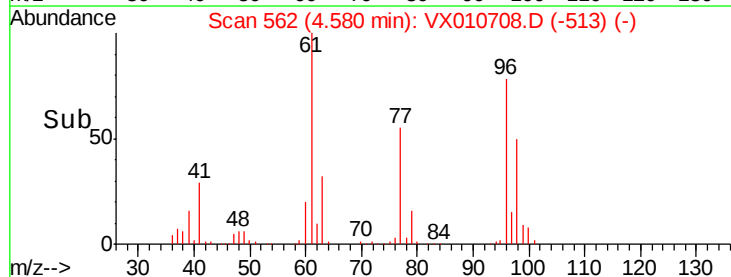
20000

10000

0

4.40 4.50 4.60 4.70 4.80

Time-->



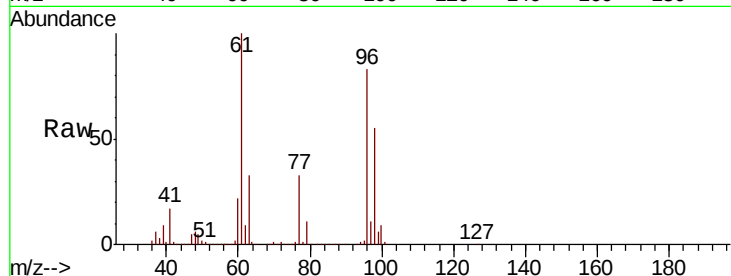


#27

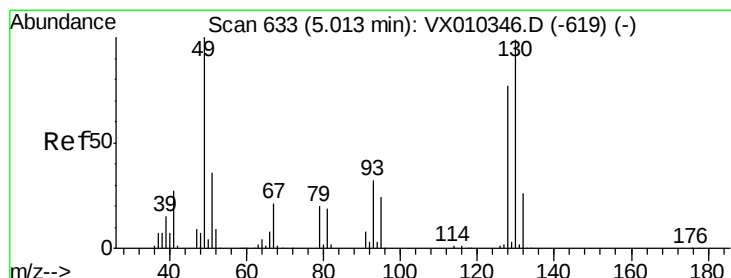
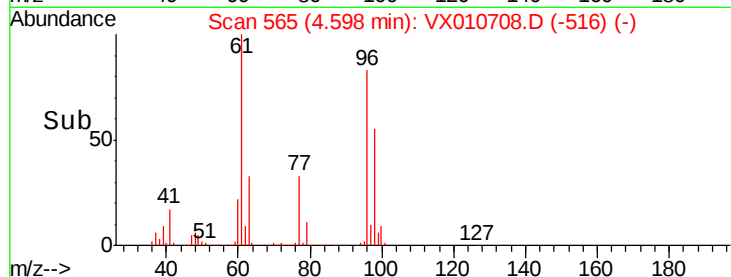
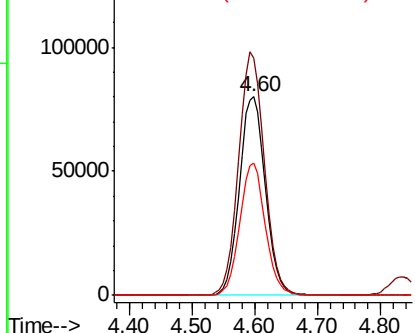
cis-1,2-Dichloroethene
Concen: 95.055 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.3	0.0	251.8
98	65.2	0.0	129.4



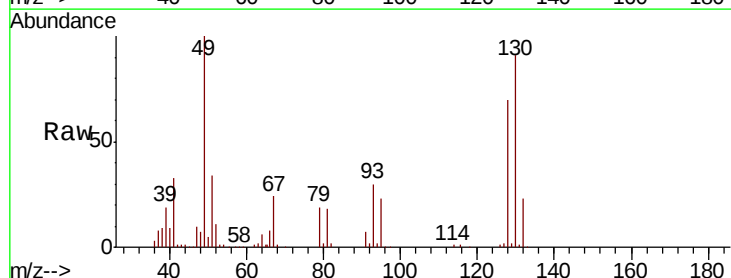
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



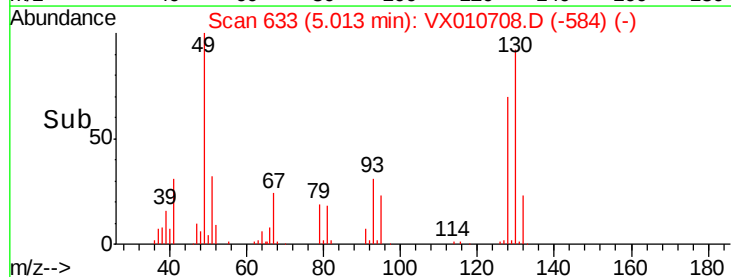
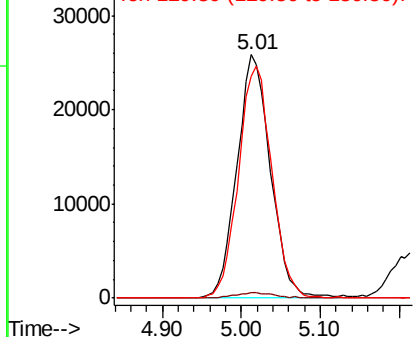
#28

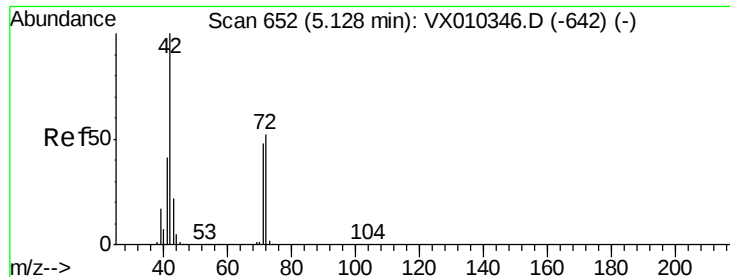
Bromochloromethane
Concen: 47.852 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	95.4	81.4	122.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

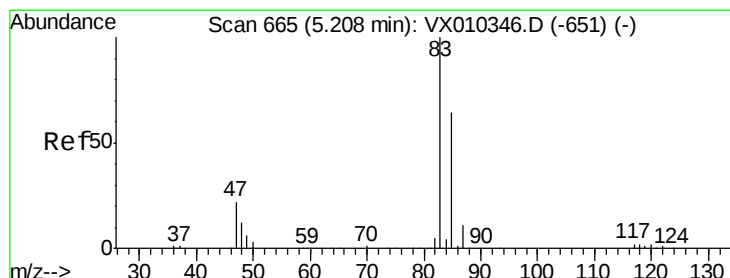
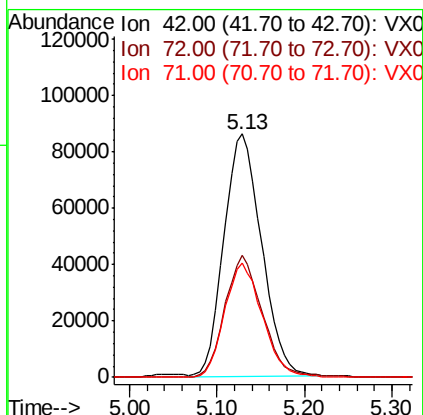
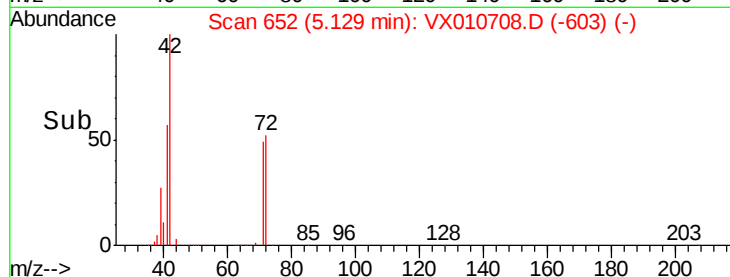
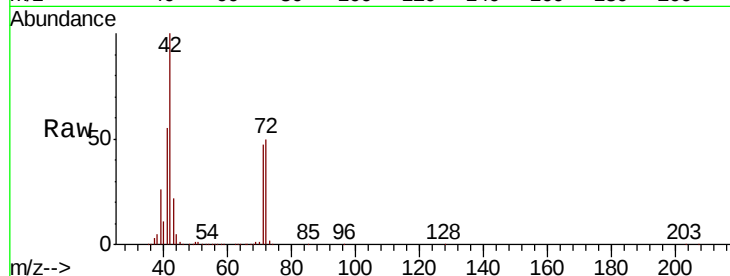




#29
Tetrahydrofuran
Concen: 269.990 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

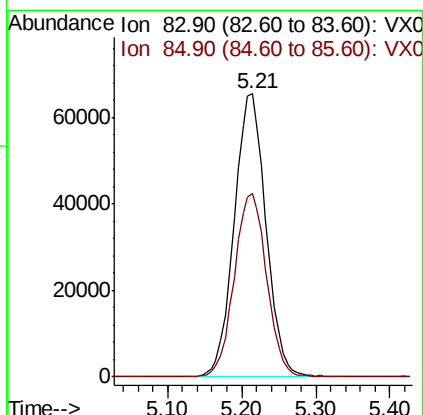
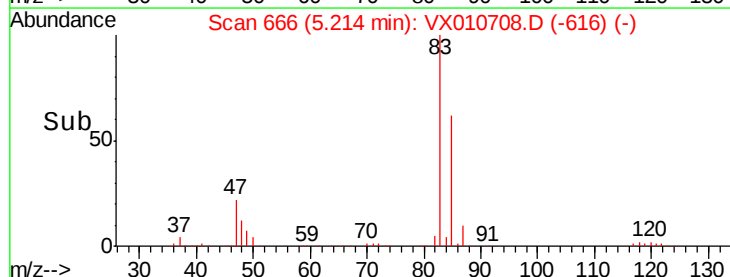
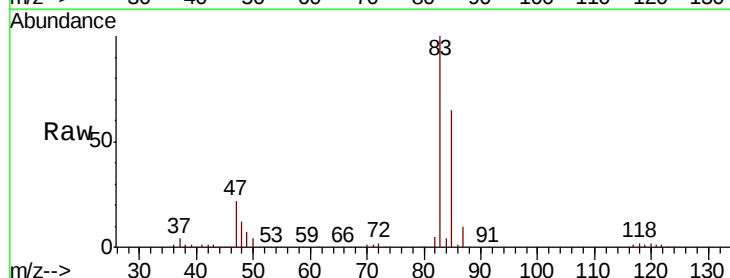
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

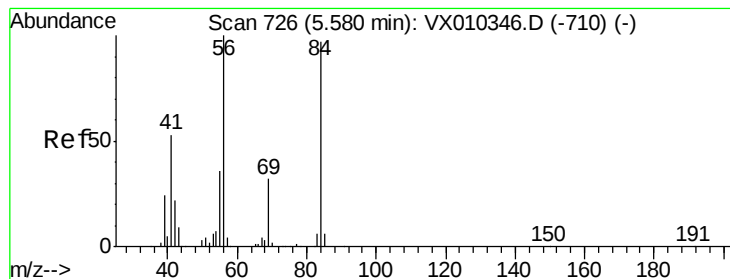
Tot Ion: 42 Resp: 258523
Ion Ratio Lower Upper
42 100
72 50.0 40.6 60.8
71 46.9 37.8 56.8



#30
Chloroform
Concen: 54.642 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

Tgt Ion: 83 Resp: 196097
Ion Ratio Lower Upper
83 100
85 64.7 50.9 76.3





#31

Cyclohexane

Concen: 54.676 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

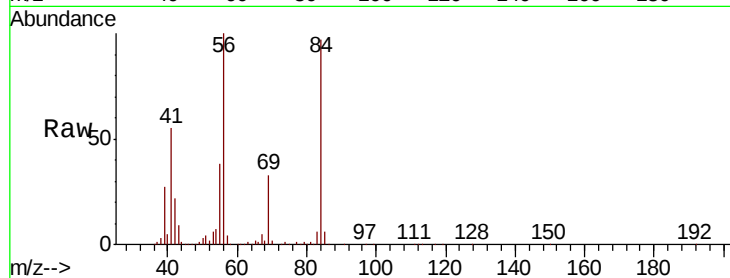
Tot Ion: 56 Resp: 166071

Ion Ratio Lower Upper

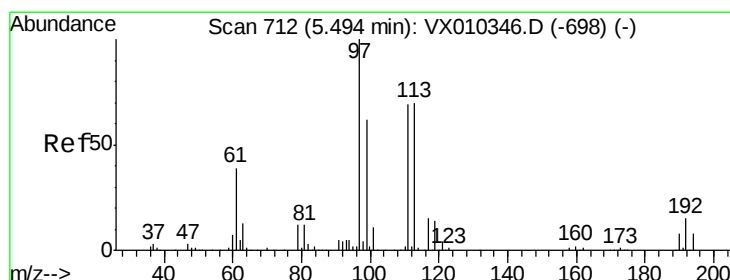
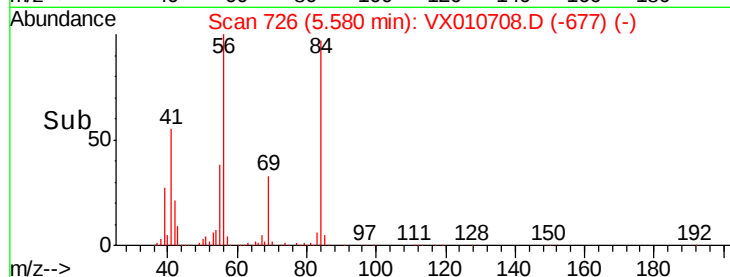
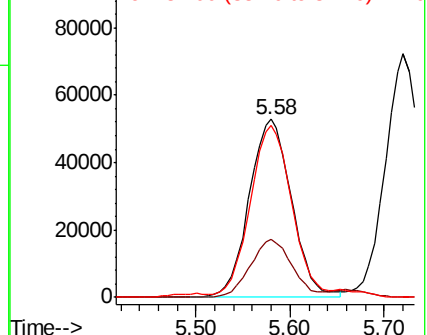
56 100

69 32.8 25.9 38.9

84 94.5 78.0 117.0



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



#32

1,1,1-Trichloroethane

Concen: 54.927 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

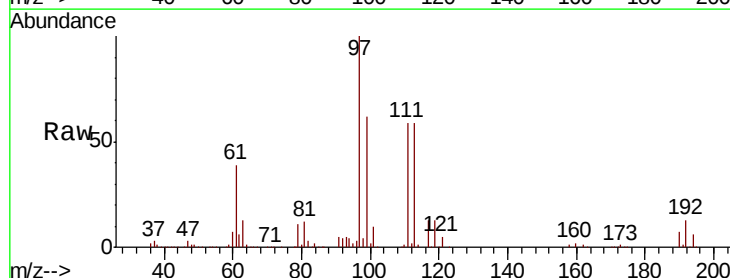
Tgt Ion: 97 Resp: 174053

Ion Ratio Lower Upper

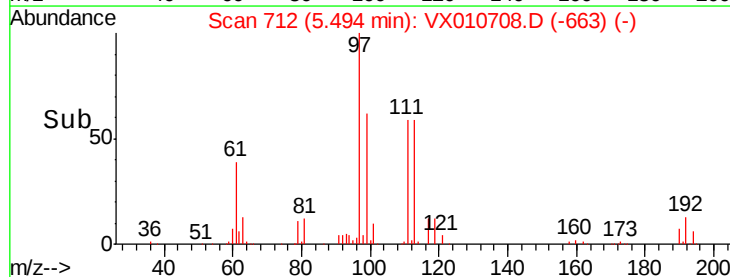
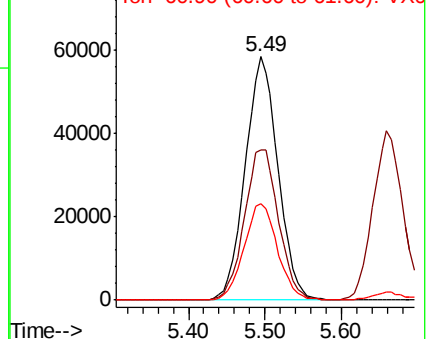
97 100

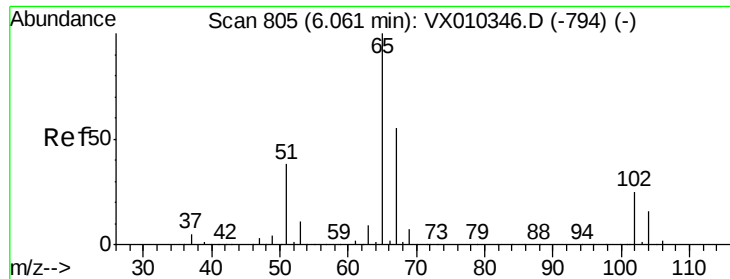
99 64.5 51.8 77.8

61 40.8 32.1 48.1



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





#33

1,2-Dichloroethane-d4

Concen: 52.495 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

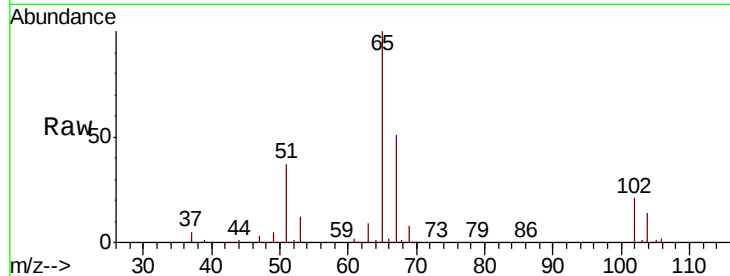
SS038RW151-190702MSD

Tot Ion: 65 Resp: 110386

Ion Ratio Lower Upper

65 100

67 52.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

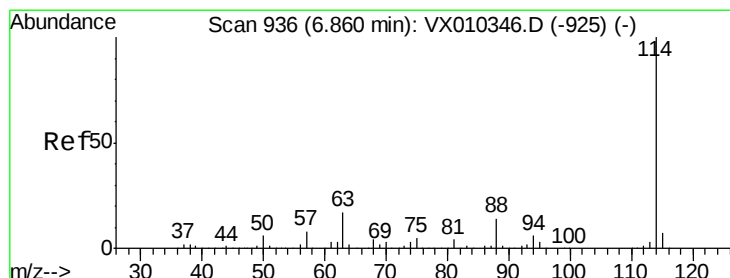
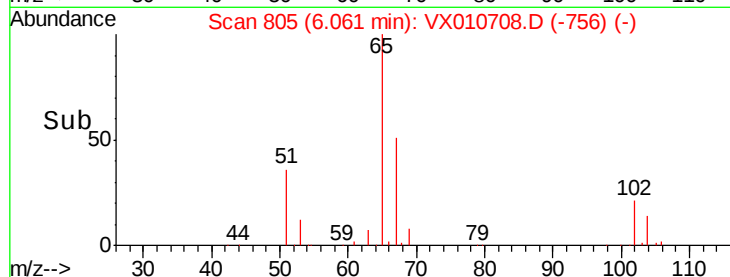
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

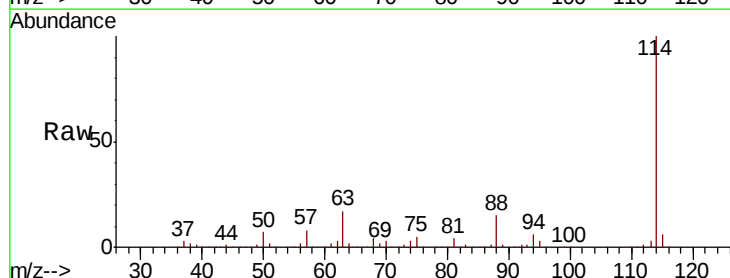
Tgt Ion: 114 Resp: 341790

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

88 14.6 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

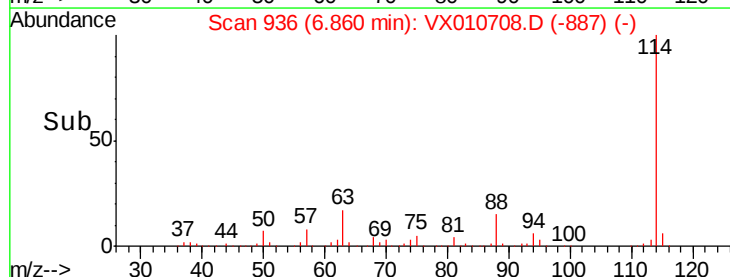
150000

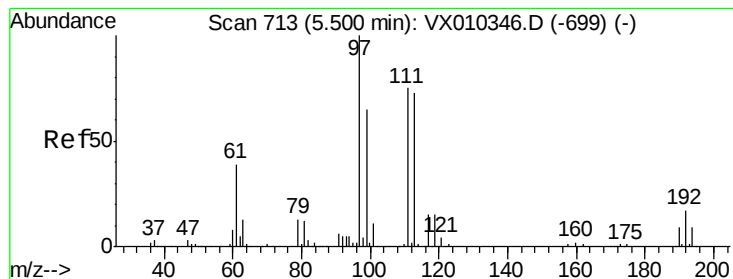
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.521 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

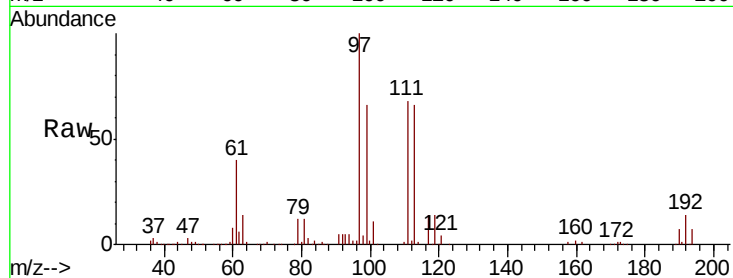
Tot Ion:113 Resp: 103559

Ion Ratio Lower Upper

113 100

111 100.9 81.2 121.8

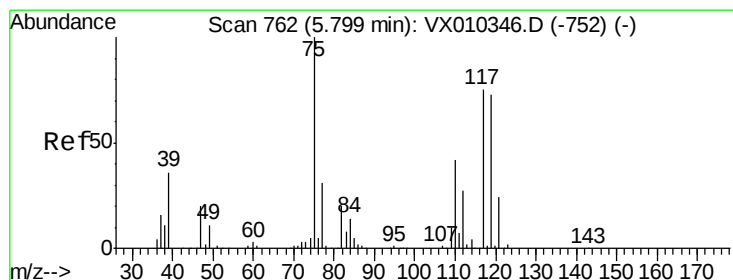
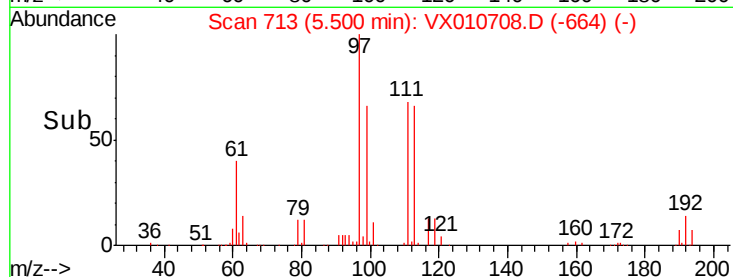
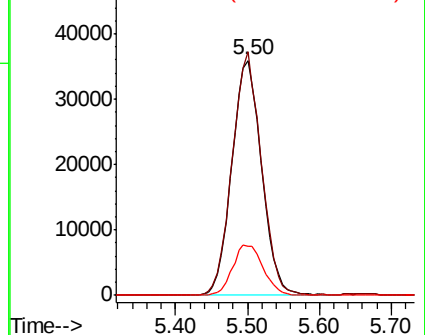
192 22.0 18.6 27.8



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: 52.696 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

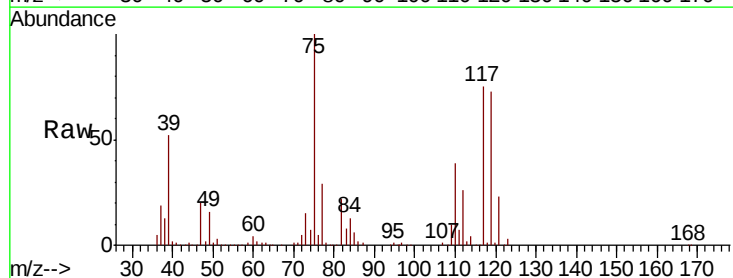
Tgt Ion: 75 Resp: 143124

Ion Ratio Lower Upper

75 100

110 39.5 20.8 62.2

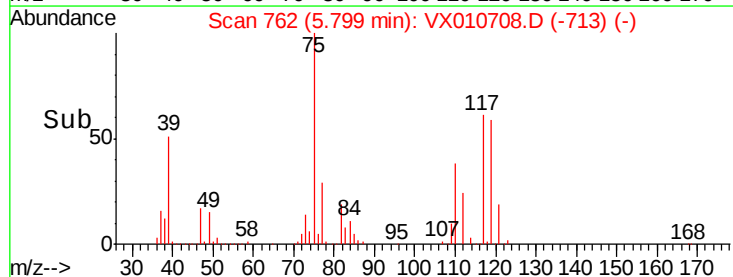
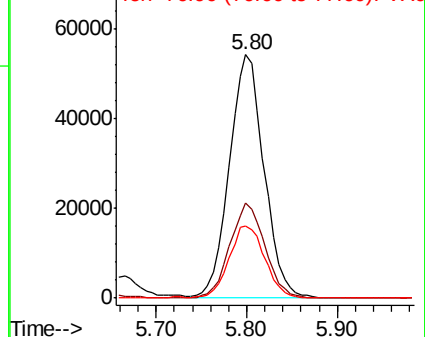
77 31.1 25.4 38.0

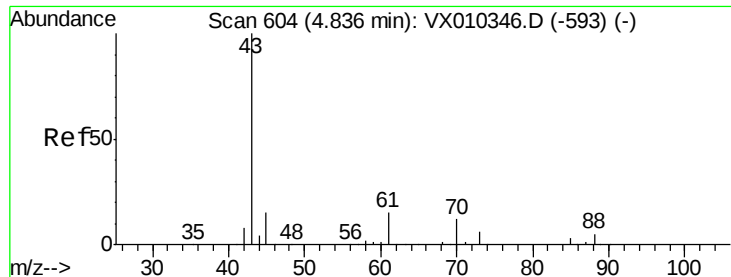


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.624 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

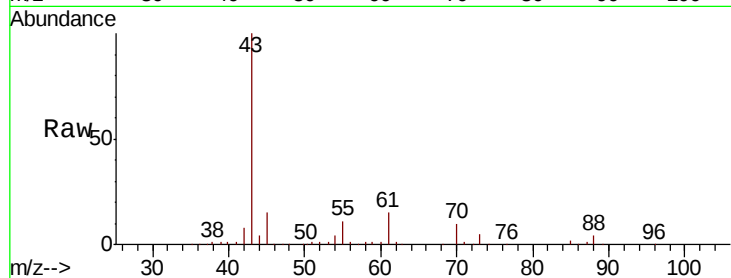
Tot Ion: 43 Resp: 144246

Ion Ratio Lower Upper

43 100

61 15.2 12.4 18.6

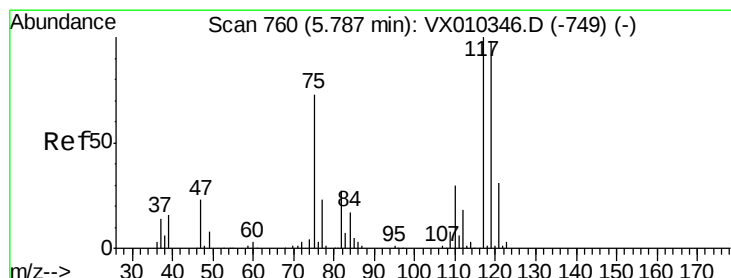
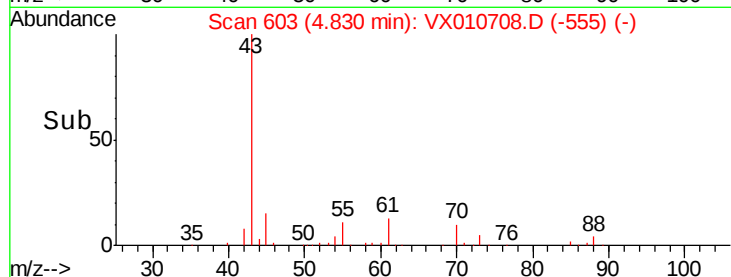
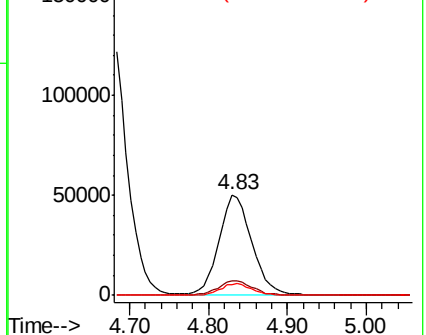
70 11.9 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 52.287 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

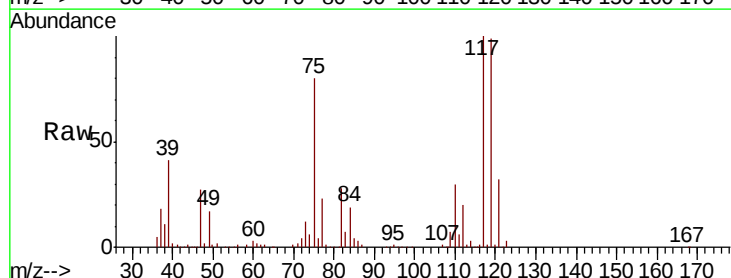
Tgt Ion: 117 Resp: 153783

Ion Ratio Lower Upper

117 100

119 99.0 78.2 117.4

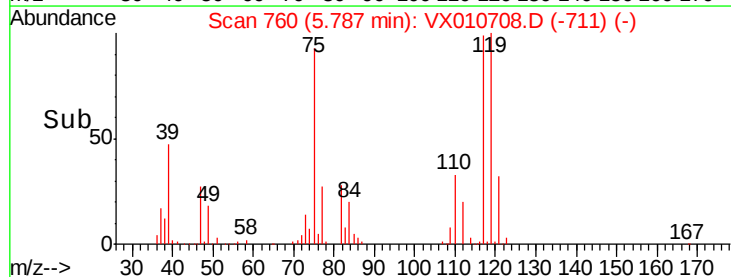
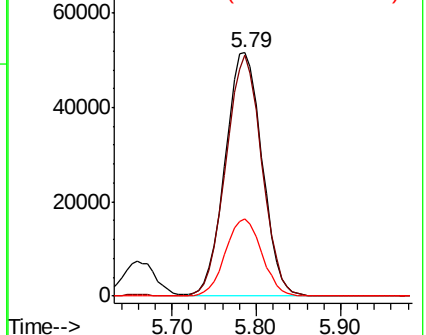
121 31.8 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

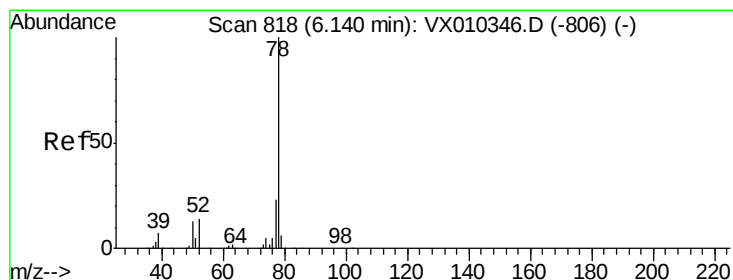
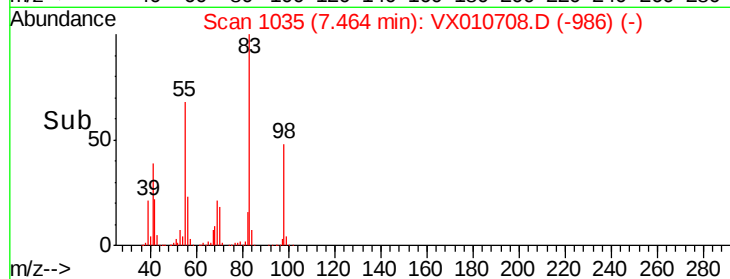
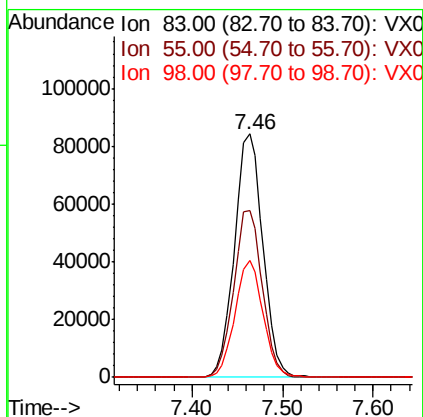
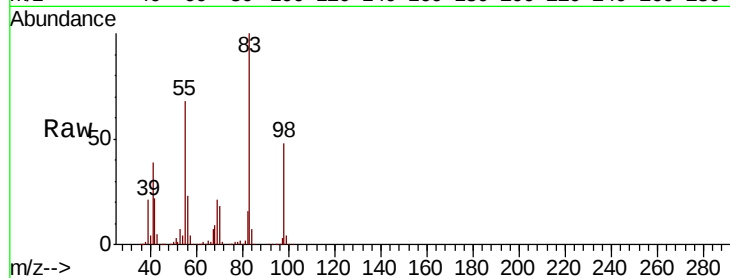




#39
Methvlcvclohexane
Concen: 51.282 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

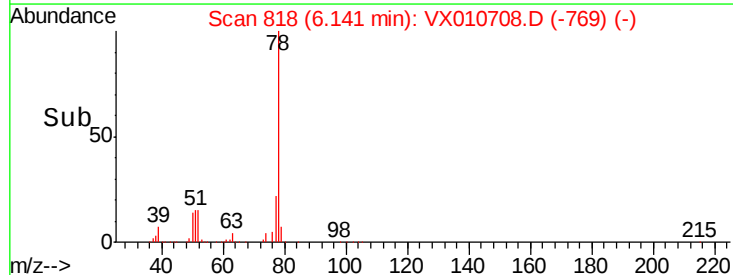
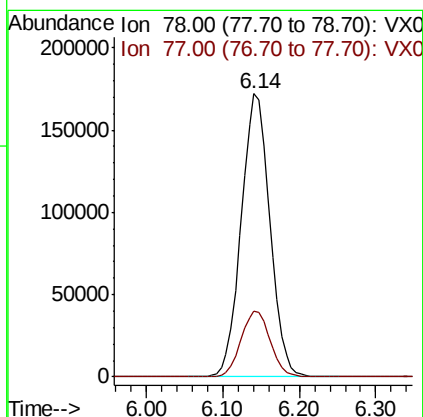
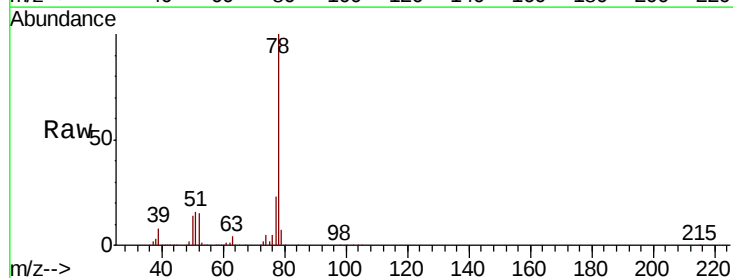
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

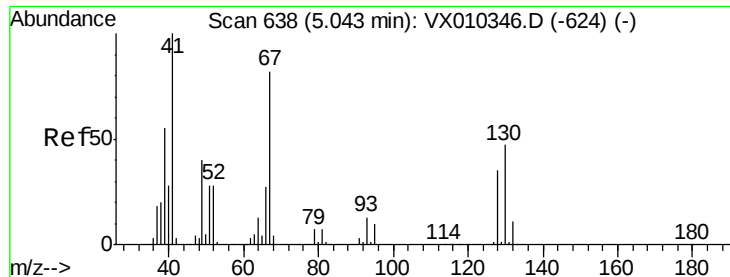
Tot Ion: 83 Resp: 183086
Ion Ratio Lower Upper
83 100
55 68.2 53.0 79.6
98 48.1 37.8 56.8



#40
Benzene
Concen: 53.060 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

Tgt Ion: 78 Resp: 448983
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

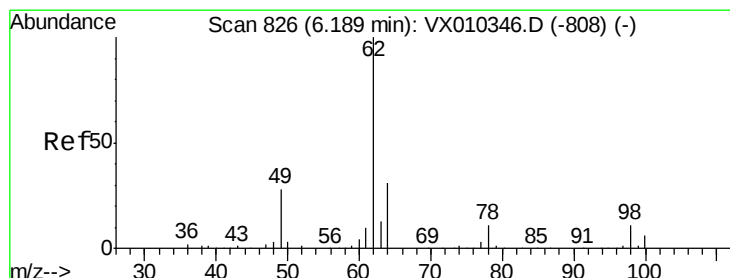
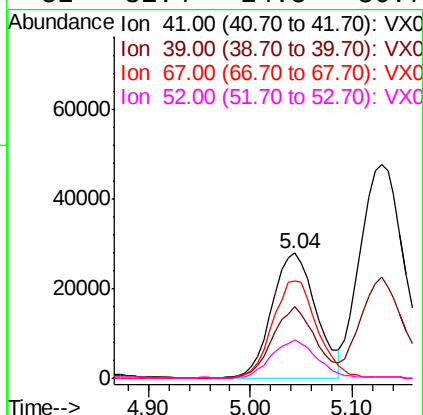
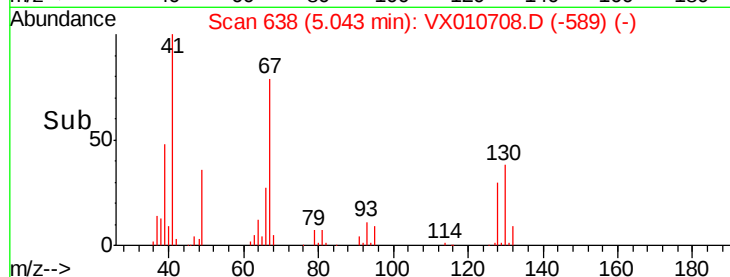
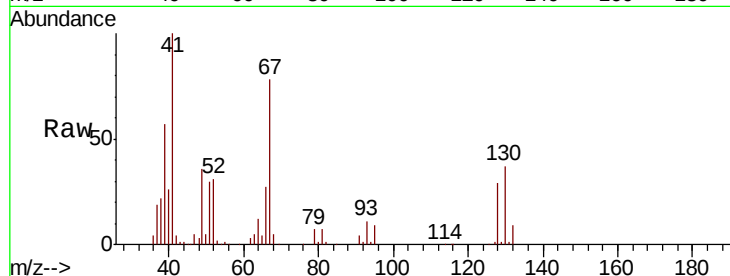




#41
Methacrylonitrile
Concen: 54.665 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

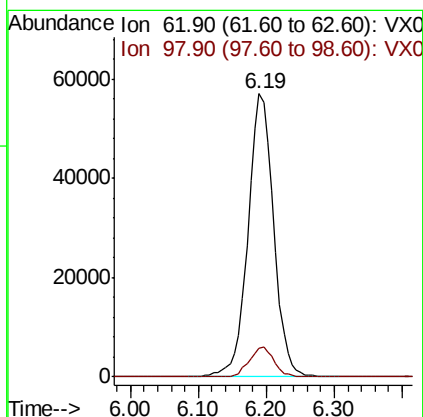
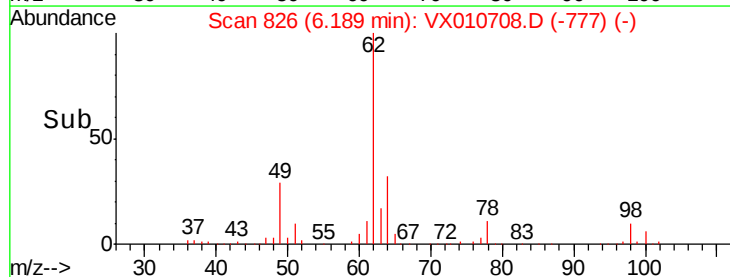
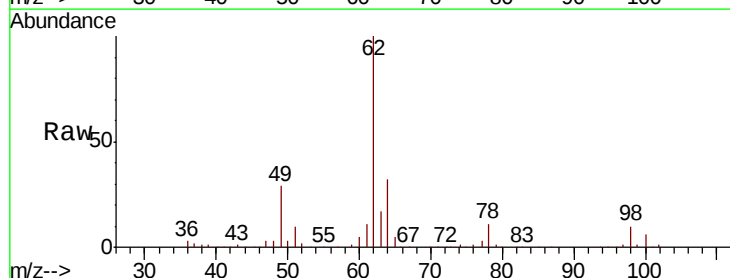
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

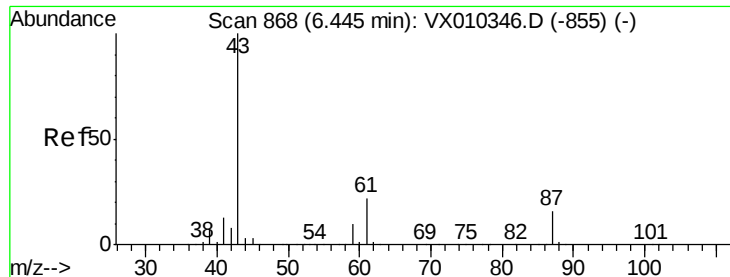
Tot Ion: 41 Resp: 83808
Ion Ratio Lower Upper
41 100
39 55.1 43.8 65.8
67 79.4 66.6 100.0
52 31.4 24.5 36.7



#42
1,2-Dichloroethane
Concen: 58.042 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

Tgt Ion: 62 Resp: 149502
Ion Ratio Lower Upper
62 100
98 10.2 0.0 22.2



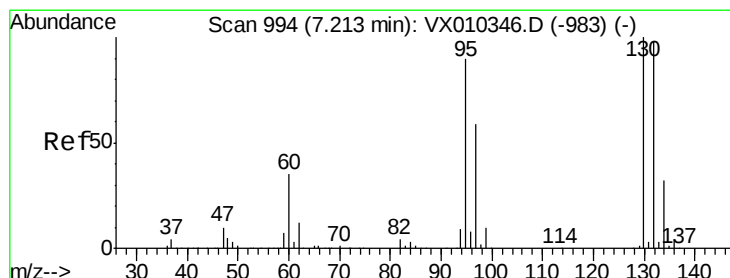
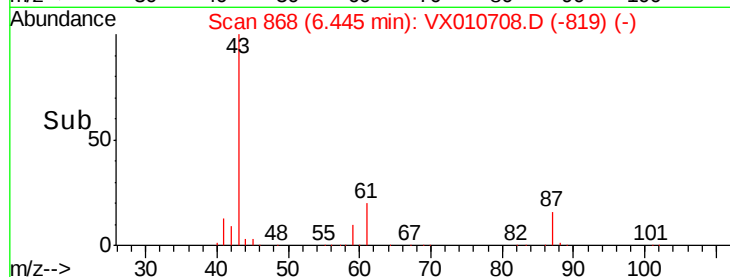
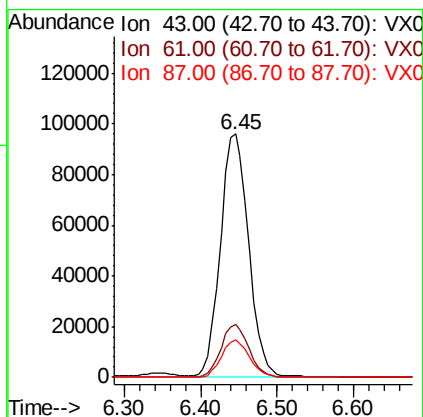
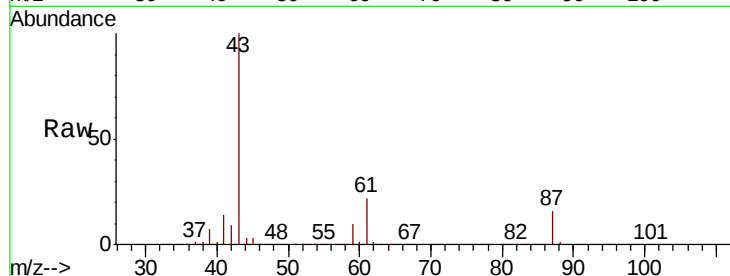


#43

Isopropyl Acetate
 Concen: 52.717 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

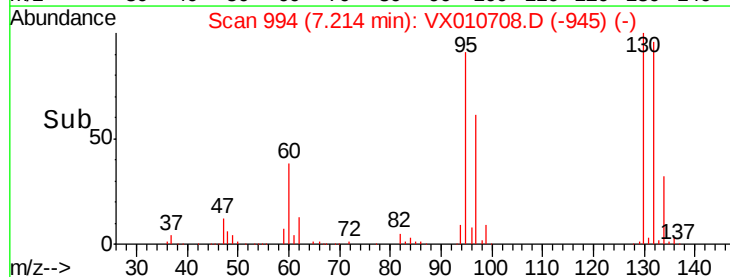
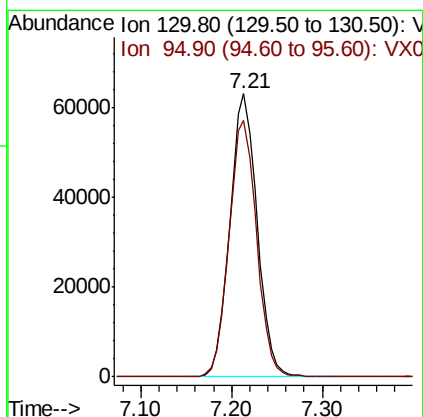
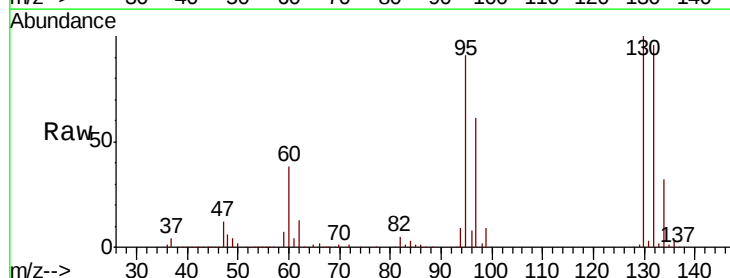
Tot Ion: 43 Resp: 243707
 Ion Ratio Lower Upper
 43 100
 61 21.5 17.8 26.6
 87 15.4 13.0 19.4

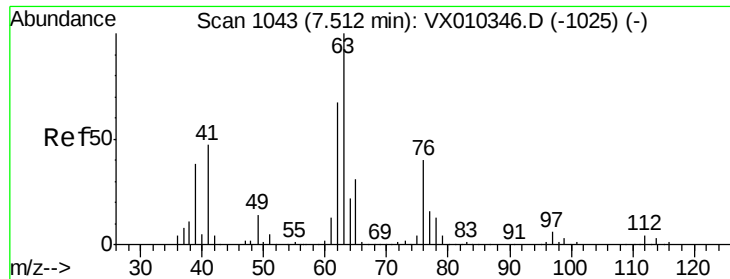


#44

Trichloroethene
 Concen: 52.033 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

Tgt Ion: 130 Resp: 131747
 Ion Ratio Lower Upper
 130 100
 95 90.7 0.0 180.8





#45

1,2-Dichloropropane

Concen: 52.581 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

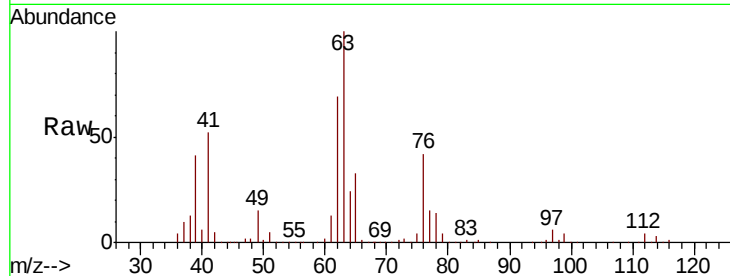
SS038RW151-190702MSD

Tot Ion: 63 Resp: 112357

Ion Ratio Lower Upper

63 100

65 33.2 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

60000

50000

40000

30000

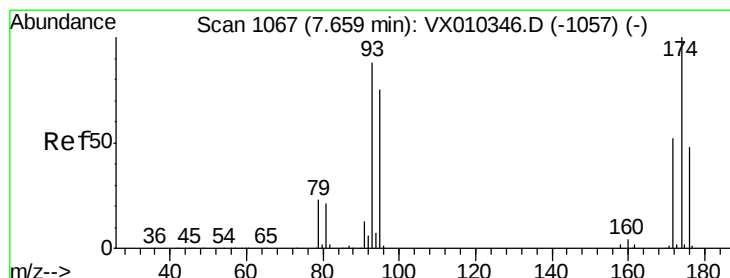
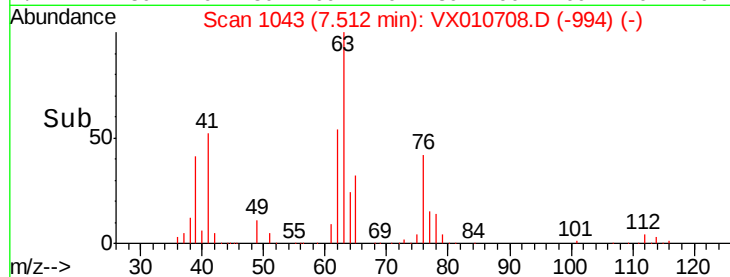
20000

10000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 54.236 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

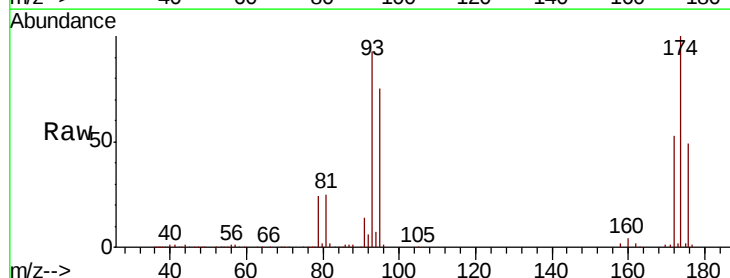
Tgt Ion: 93 Resp: 83151

Ion Ratio Lower Upper

93 100

95 82.5 67.5 101.3

174 112.0 95.8 143.6



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

60000

50000

40000

30000

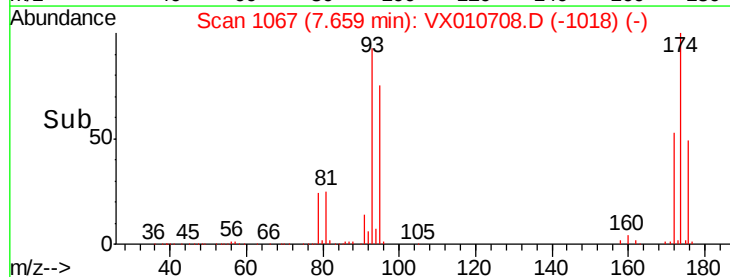
20000

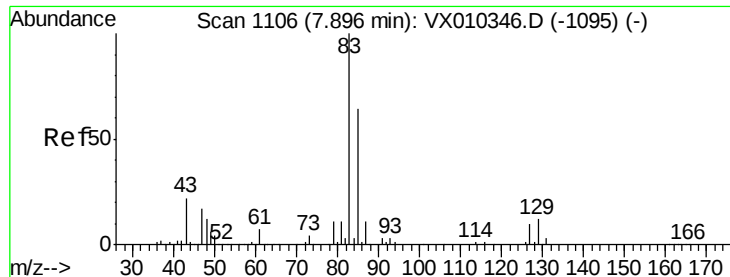
10000

0

Time-->

7.60 7.70





#47

Bromodichloromethane

Concen: 52.646 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

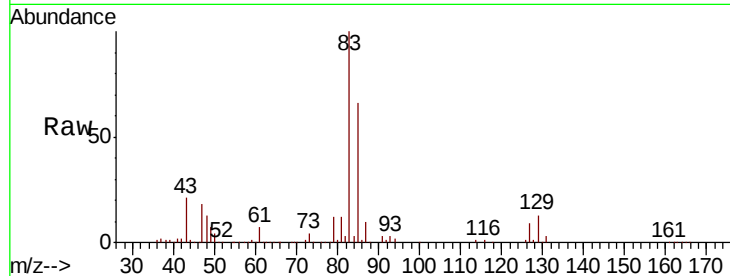
Tot Ion: 83 Resp: 147917

Ion Ratio Lower Upper

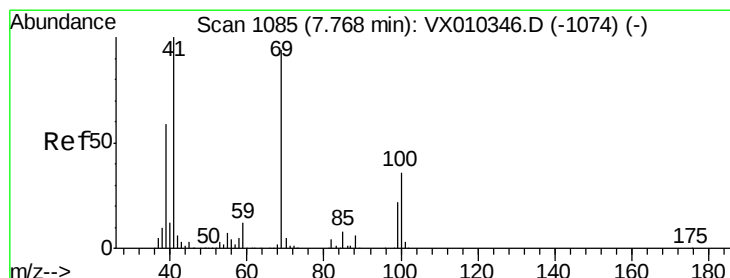
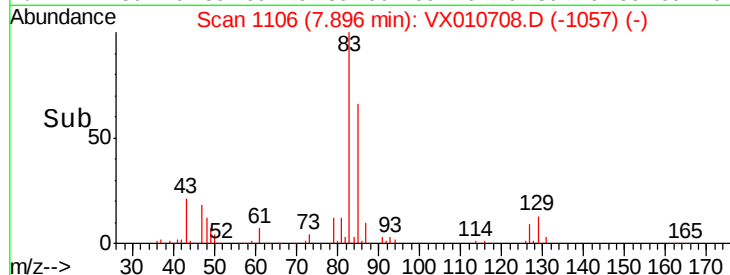
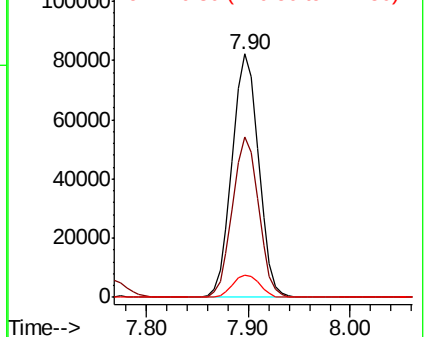
83 100

85 65.8 51.5 77.3

127 9.0 7.8 11.8



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: 56.909 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

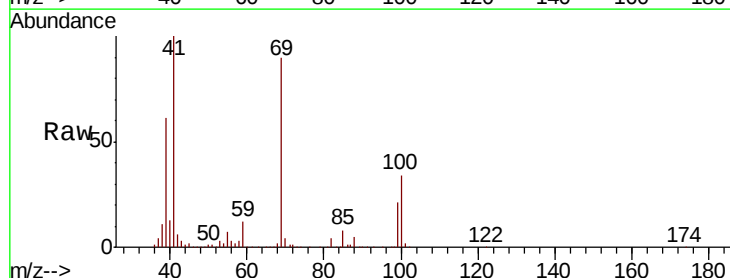
Tgt Ion: 41 Resp: 122286

Ion Ratio Lower Upper

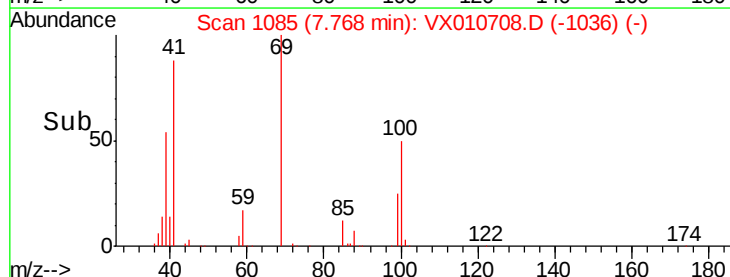
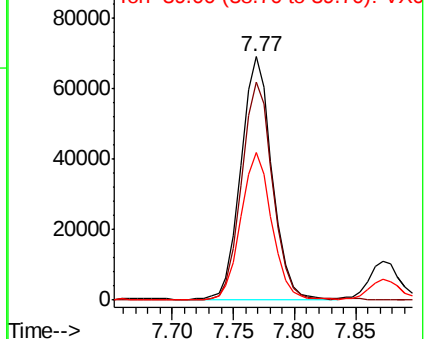
41 100

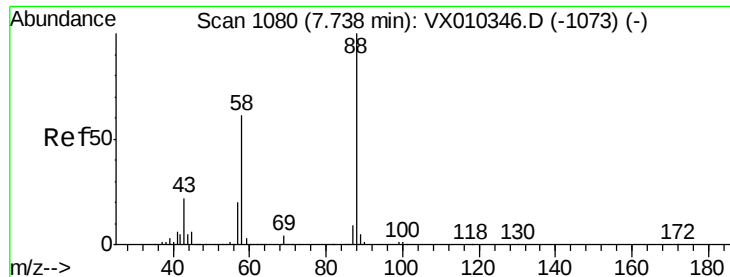
69 89.5 76.1 114.1

39 59.8 47.6 71.4



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: 907.885 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

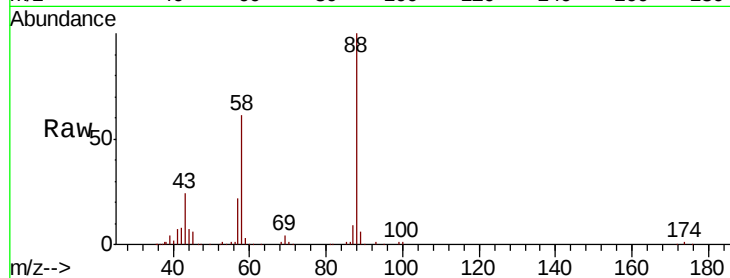
Tot Ion: 88 Resp: 56199

Ion Ratio Lower Upper

88 100

43 28.6 20.2 30.2

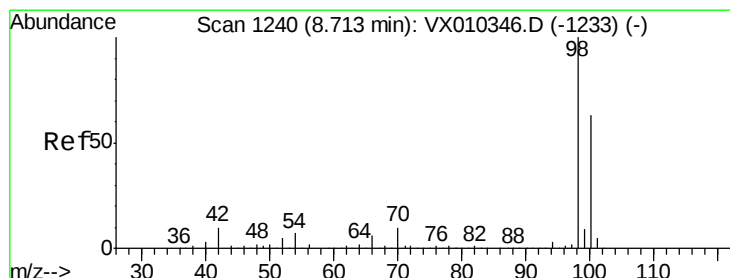
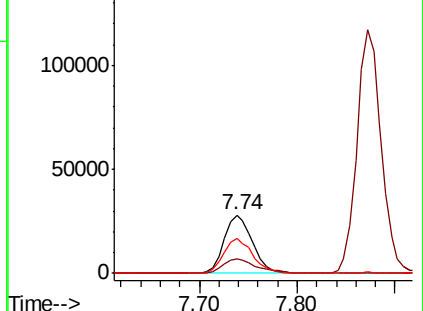
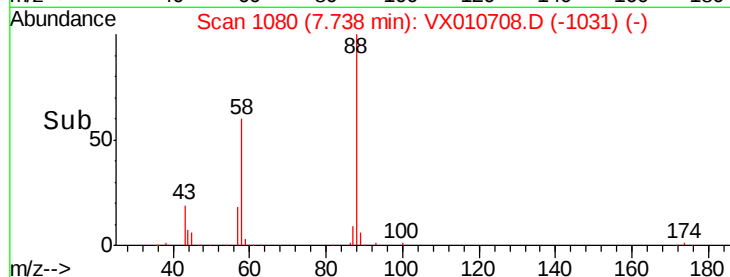
58 61.8 49.5 74.3



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: 47.270 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010708.D

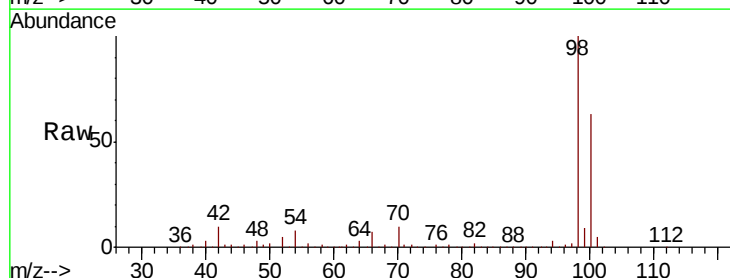
Acq: 08 Jul 2019 20:06

Tgt Ion: 98 Resp: 378180

Ion Ratio Lower Upper

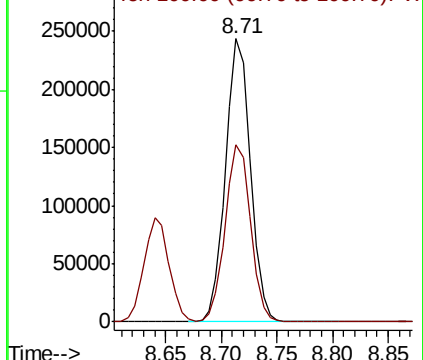
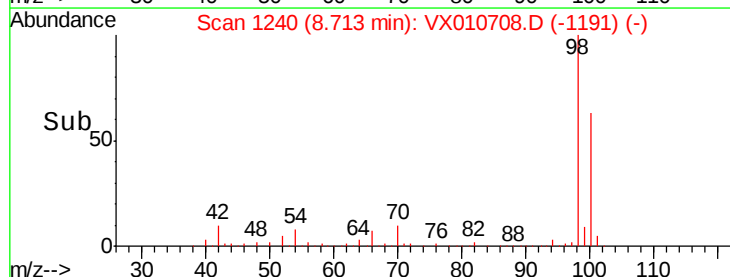
98 100

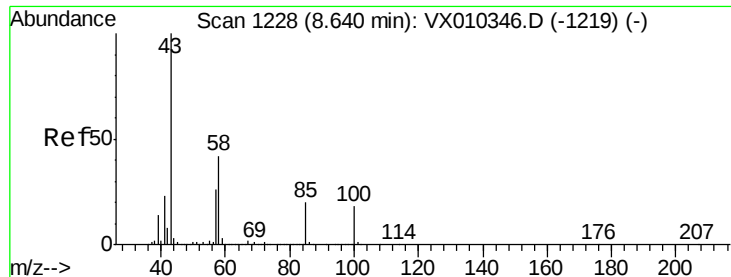
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

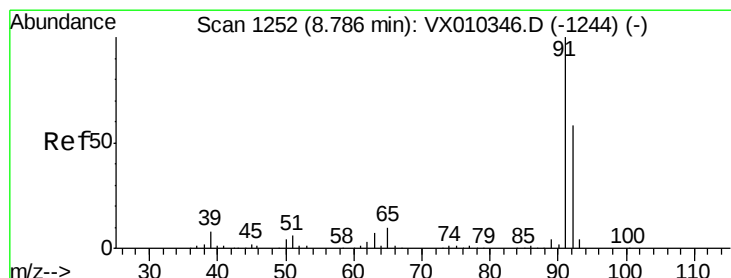
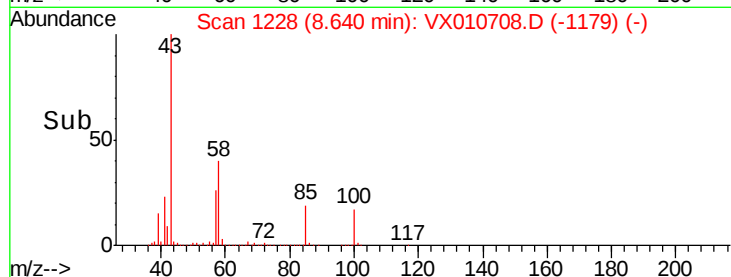
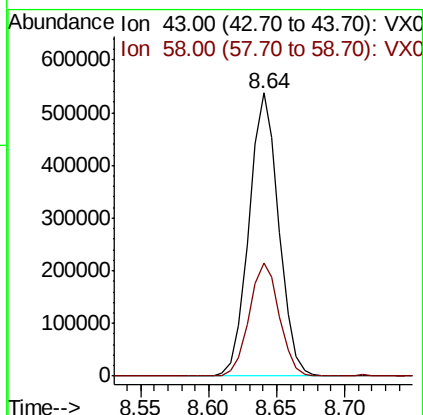
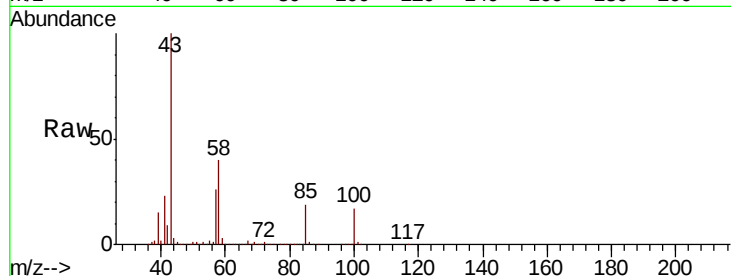




#51
 4-Methyl-2-Pentanone
 Concen: 278.427 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

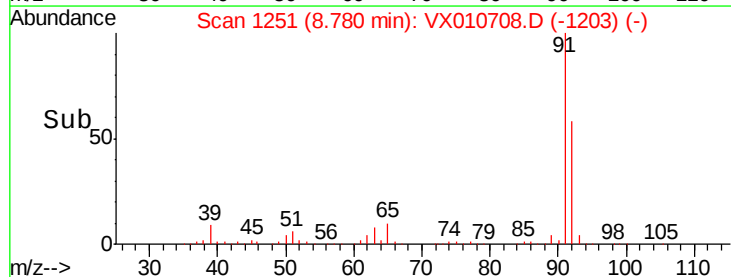
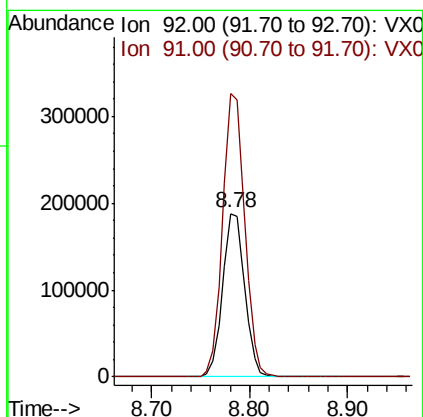
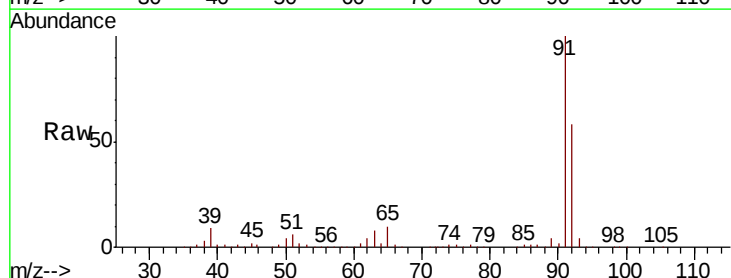
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

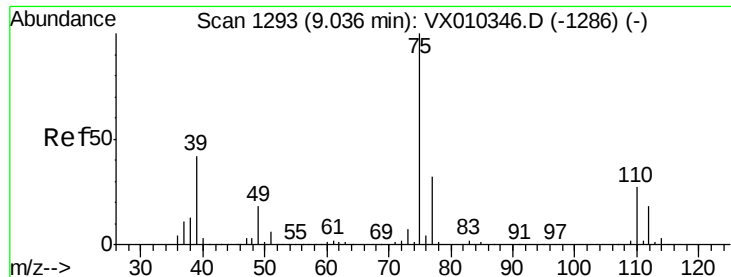
Tot Ion: 43 Resp: 823205
 Ion Ratio Lower Upper
 43 100
 58 40.4 33.5 50.3



#52
 Toluene
 Concen: 52.827 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

Tgt Ion: 92 Resp: 294371
 Ion Ratio Lower Upper
 92 100
 91 174.3 139.8 209.6

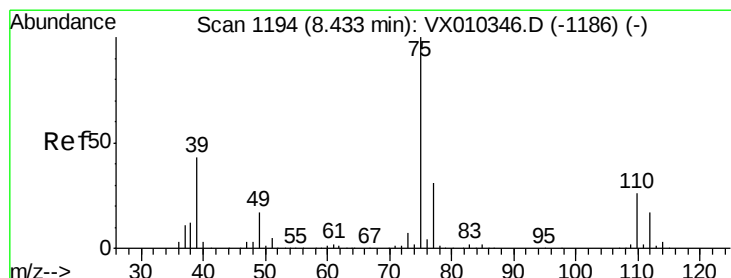
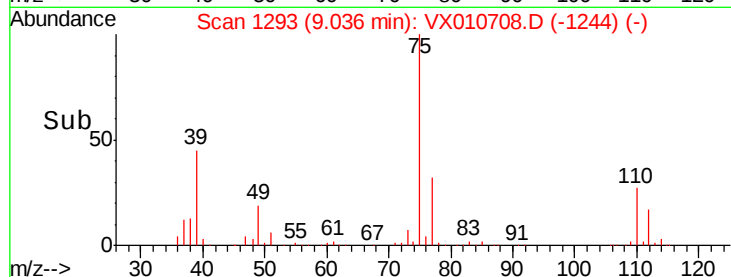
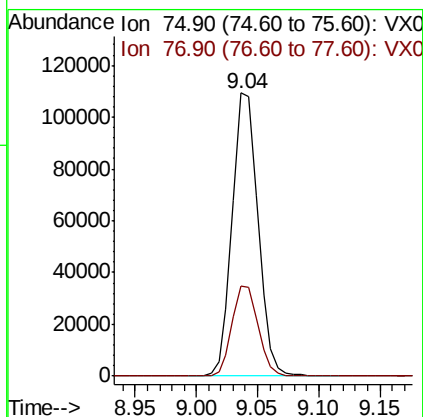
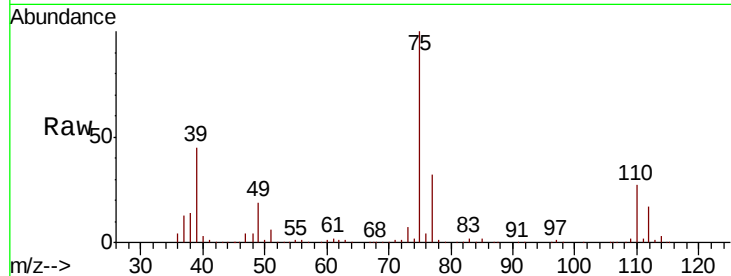




#53
 t-1,3-Dichloropropene
 Concen: 50.693 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

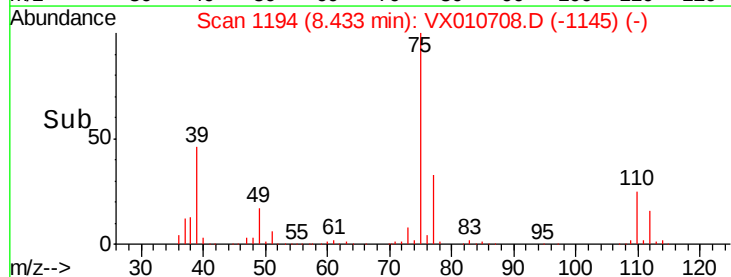
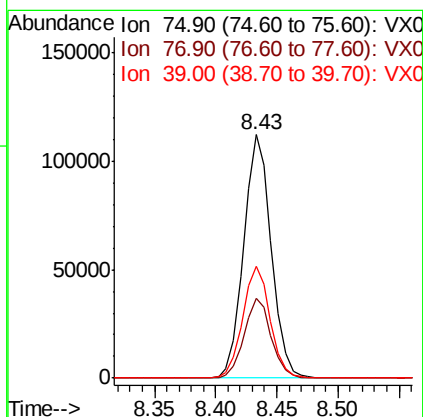
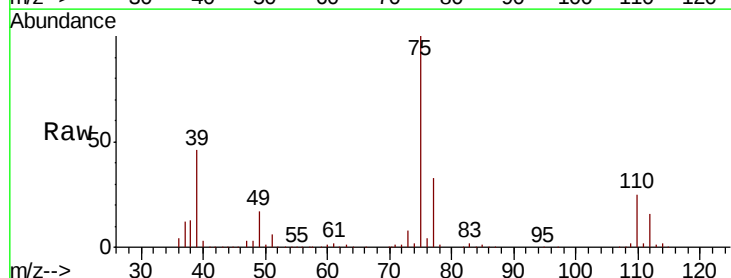
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

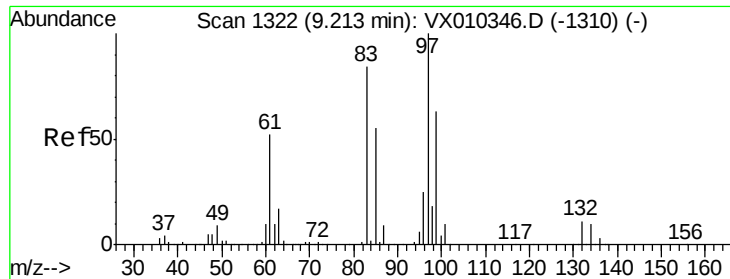
Tot Ion: 75 Resp: 159683
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.100 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

Tgt Ion: 75 Resp: 174923
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.2 37.8
 39 45.7 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 53.076 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion: 97 Resp: 121977

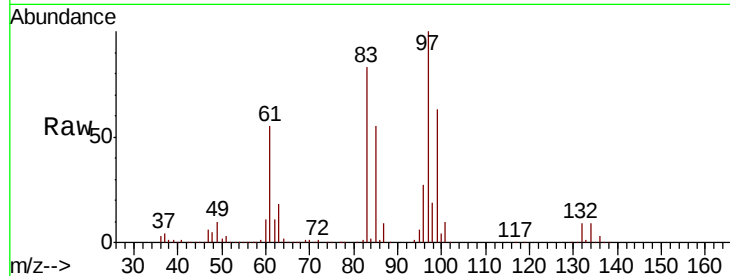
Ion Ratio Lower Upper

97 100

83 83.2 67.4 101.0

85 55.0 43.8 65.8

99 63.2 50.3 75.5

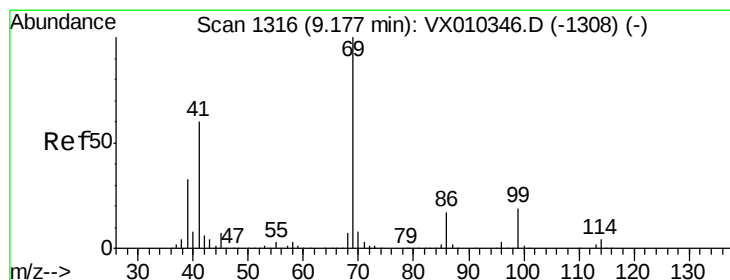
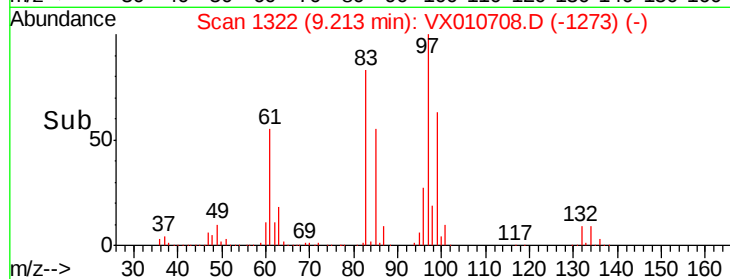
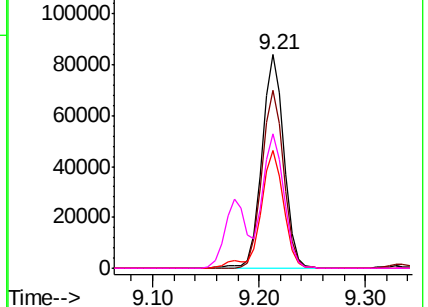


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 54.581 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

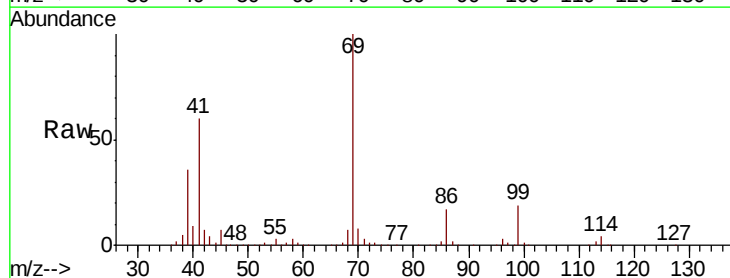
Tgt Ion: 69 Resp: 190018

Ion Ratio Lower Upper

69 100

41 61.3 47.1 70.7

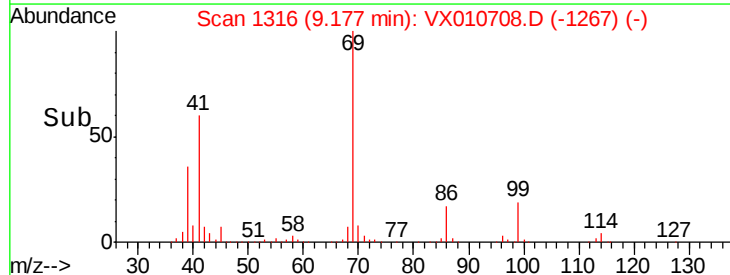
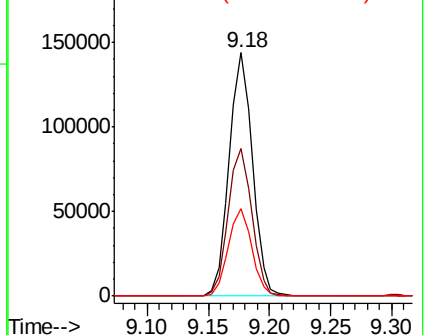
39 35.8 26.6 40.0

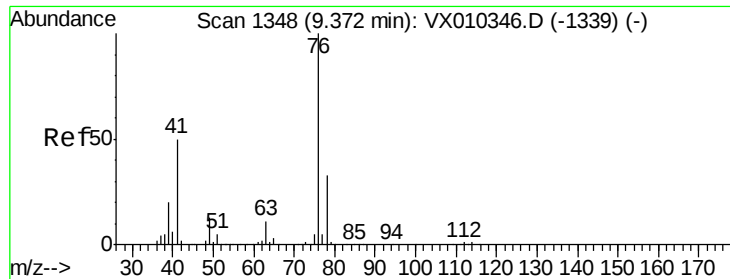


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

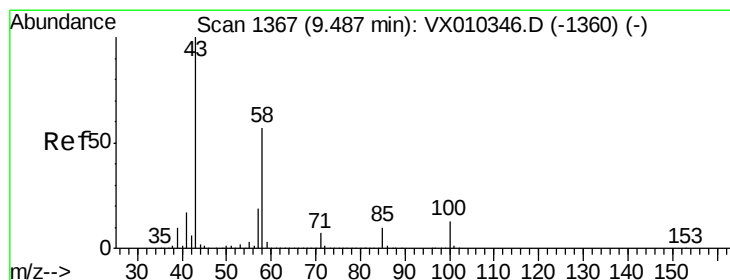
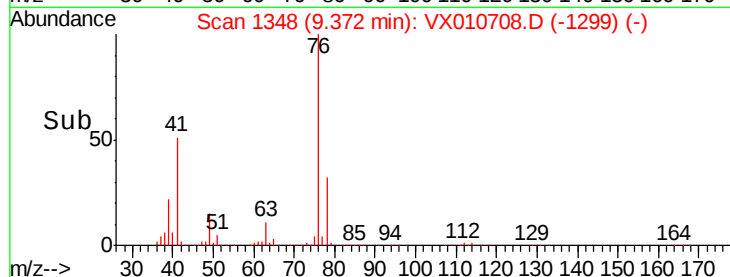
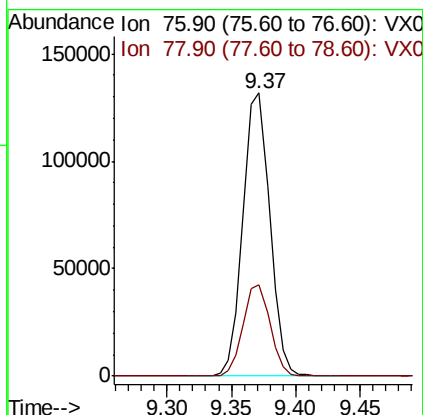
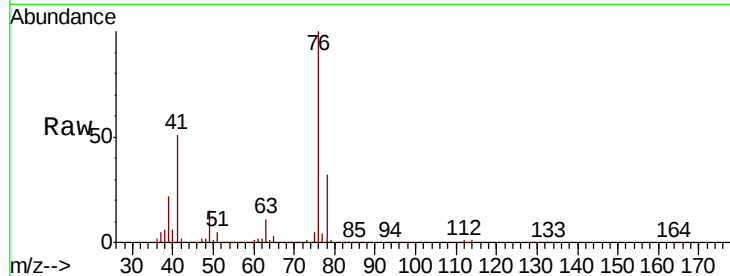




#57
 1,3-Dichloropropane
 Concen: 53.476 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

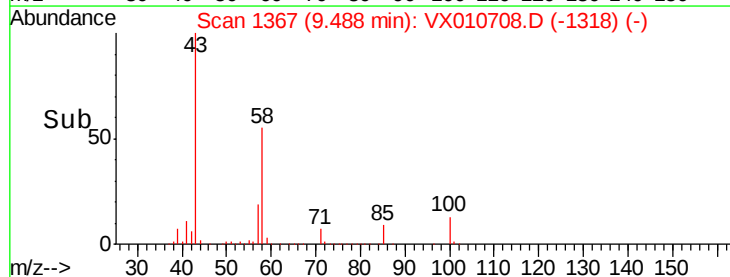
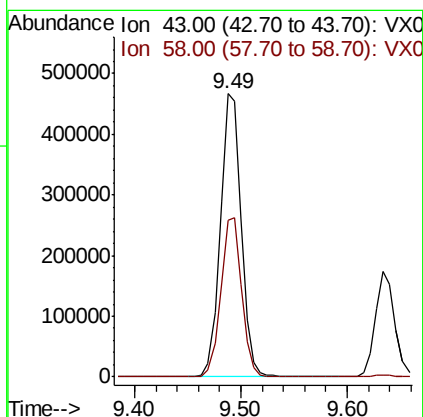
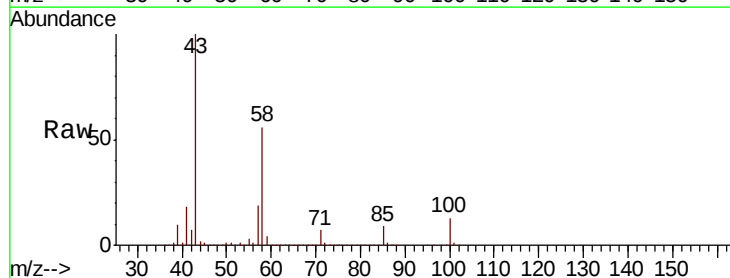
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

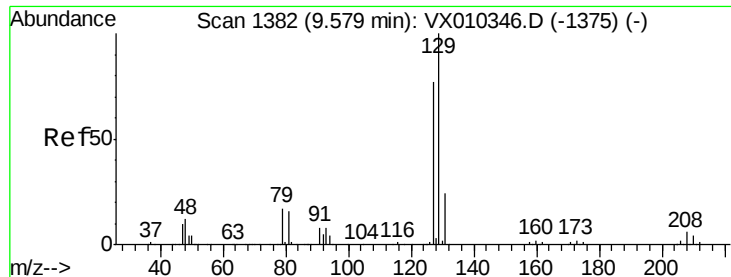
Tot Ion: 76 Resp: 190773
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#59
 2-Hexanone
 Concen: 273.727 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

Tgt Ion: 43 Resp: 636955
 Ion Ratio Lower Upper
 43 100
 58 56.6 29.0 87.1





#60

Dibromochloromethane

Concen: 51.516 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

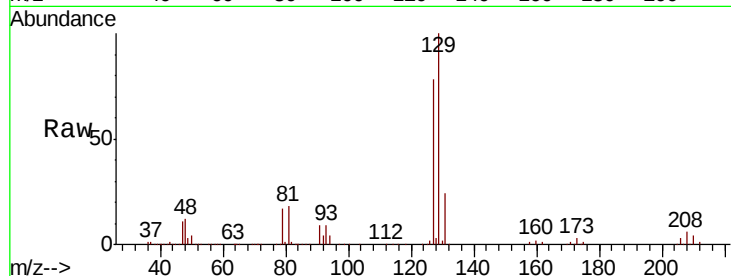
SS038RW151-190702MSD

Tot Ion:129 Resp: 132560

Ion Ratio Lower Upper

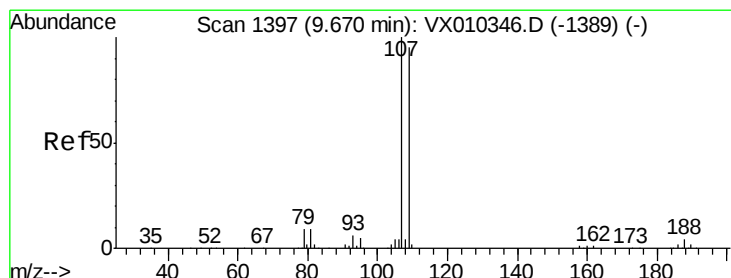
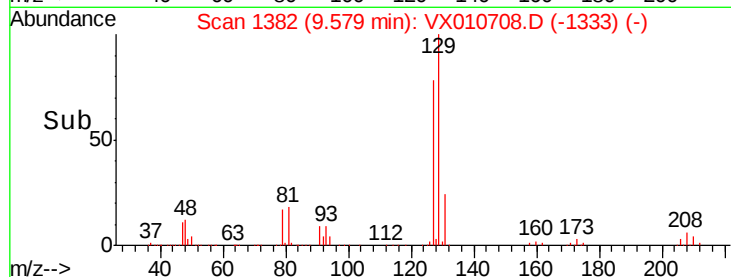
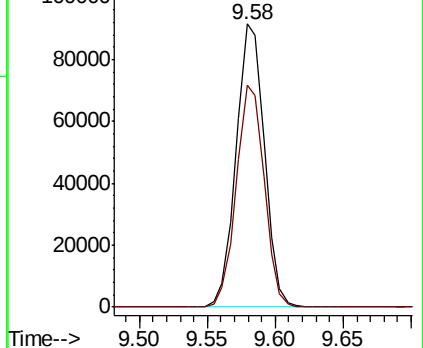
129 100

127 77.8 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.340 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010708.D

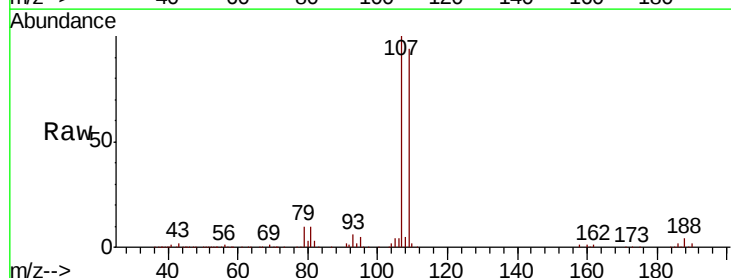
Acq: 08 Jul 2019 20:06

Tgt Ion:107 Resp: 132316

Ion Ratio Lower Upper

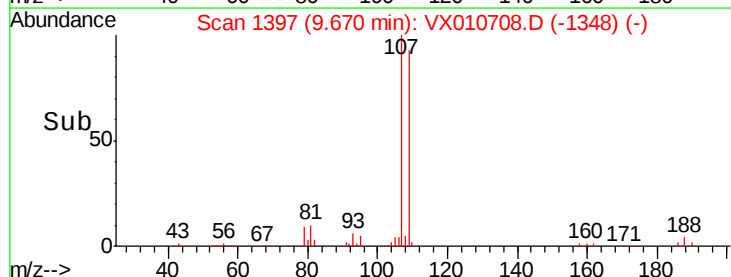
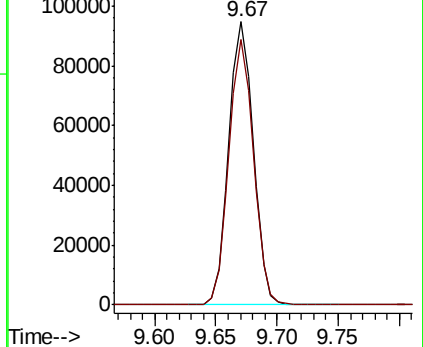
107 100

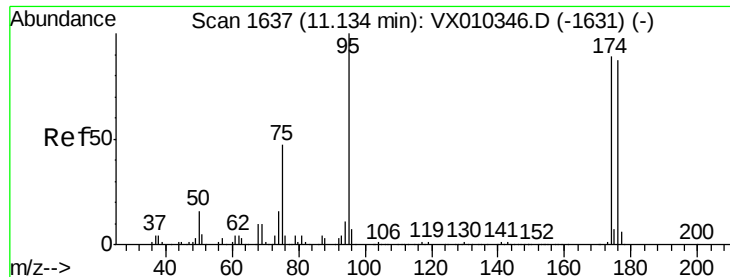
109 93.6 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.935 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

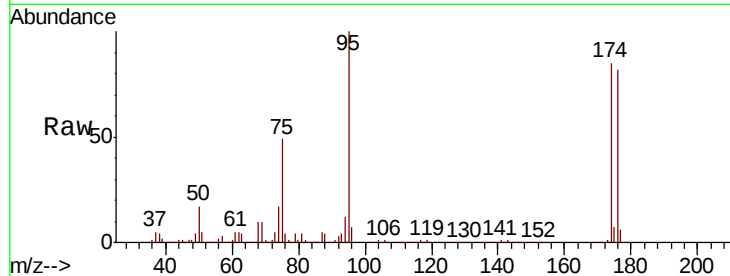
Tot Ion: 95 Resp: 144232

Ion Ratio Lower Upper

95 100

174 91.6 0.0 187.6

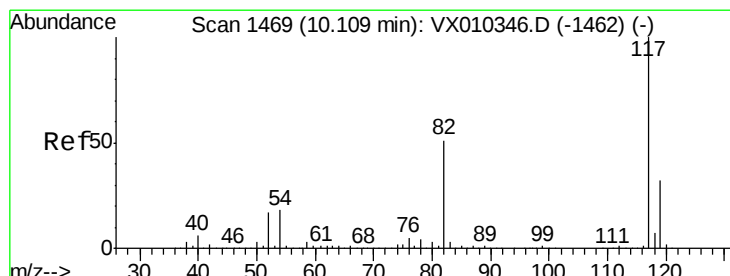
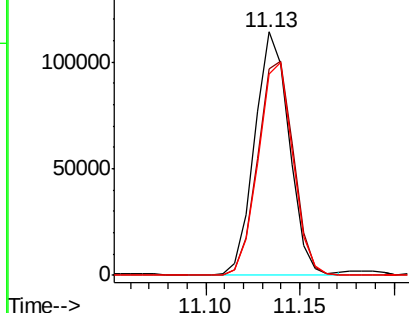
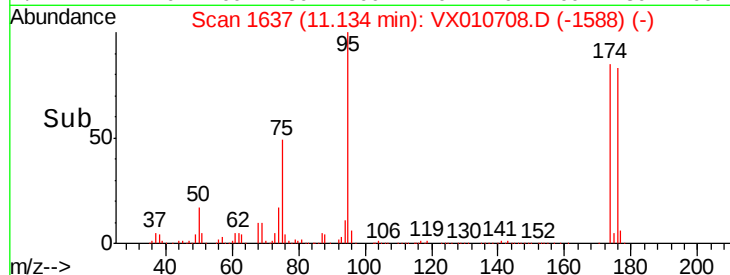
176 88.6 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010708.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010708.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010708.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

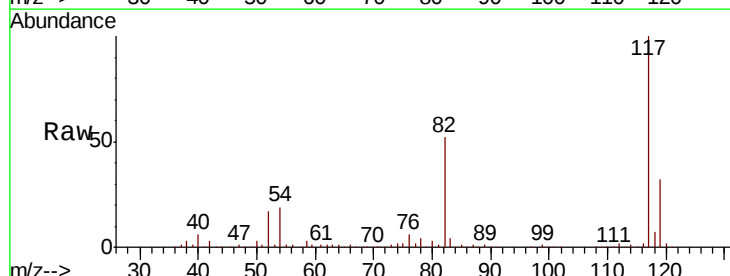
Tgt Ion: 117 Resp: 316371

Ion Ratio Lower Upper

117 100

82 52.3 41.2 61.8

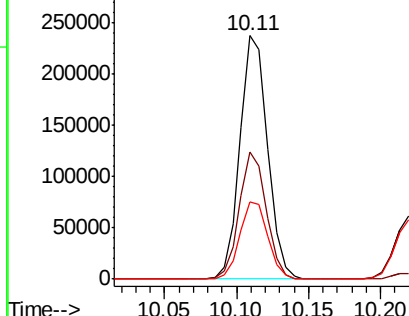
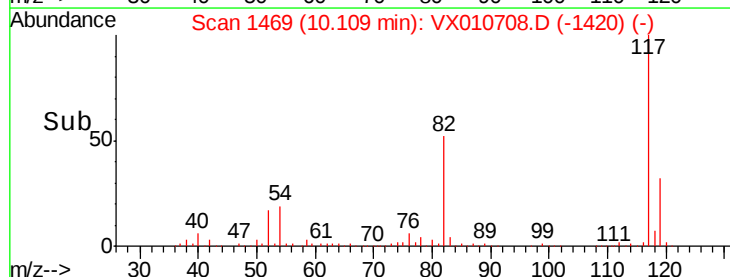
119 32.0 25.5 38.3

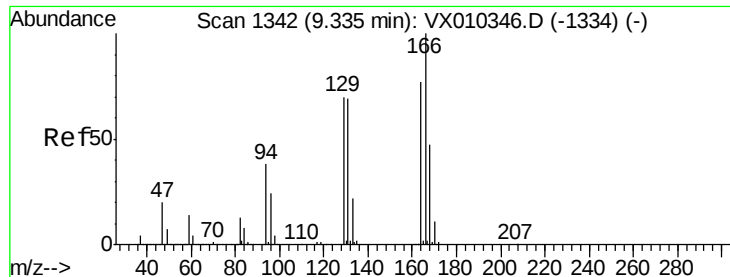


Abundance Ion 116.90 (116.60 to 117.60): VX010708.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010708.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010708.D (-1420) (-)





#64

Tetrachloroethene

Concen: 47.472 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion:164 Resp: 121476

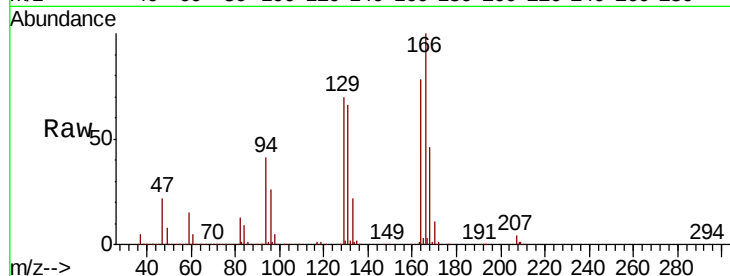
Ion Ratio Lower Upper

164 100

166 128.3 103.6 155.4

129 90.4 73.0 109.4

131 85.2 71.0 106.4

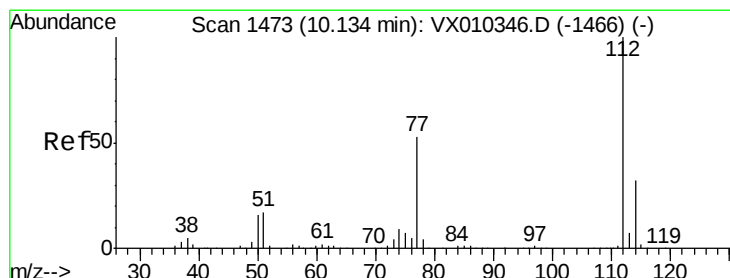
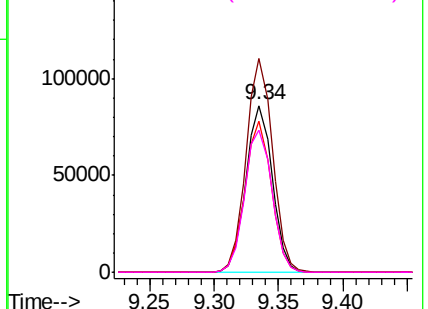
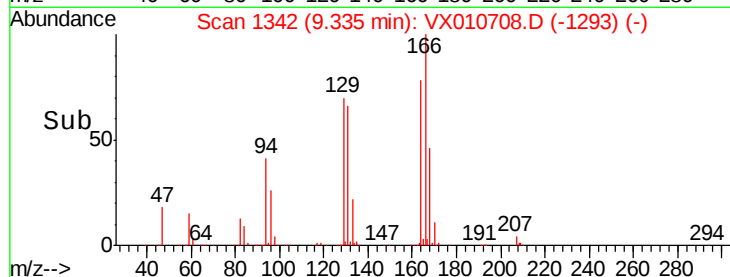


Abundance Ion 163.80 (163.50 to 164.50): V

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: 131.229 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010708.D

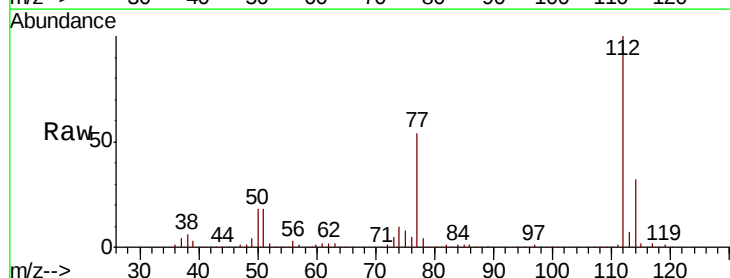
Acq: 08 Jul 2019 20:06

Tgt Ion:112 Resp: 842876

Ion Ratio Lower Upper

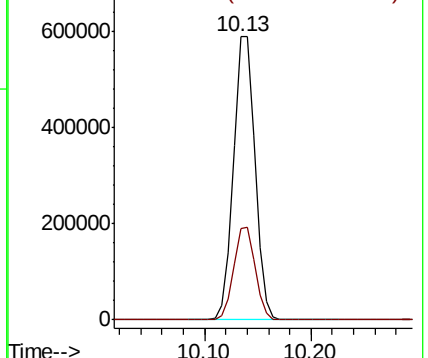
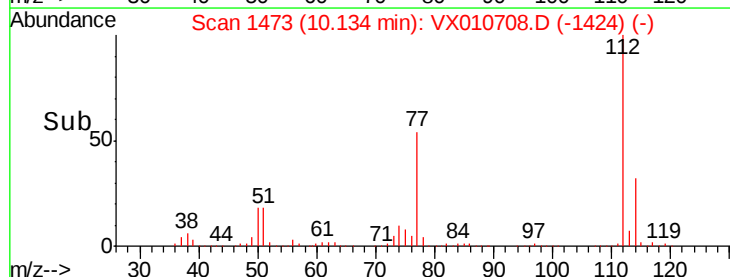
112 100

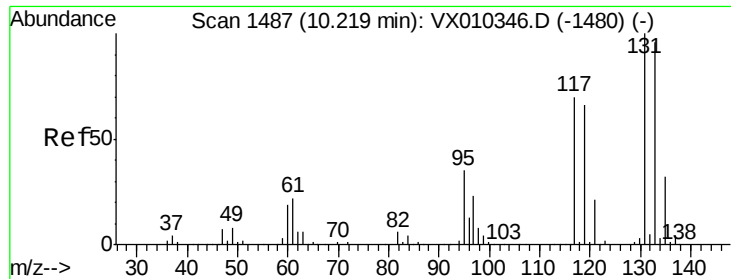
114 32.2 25.4 38.2



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: 52.260 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

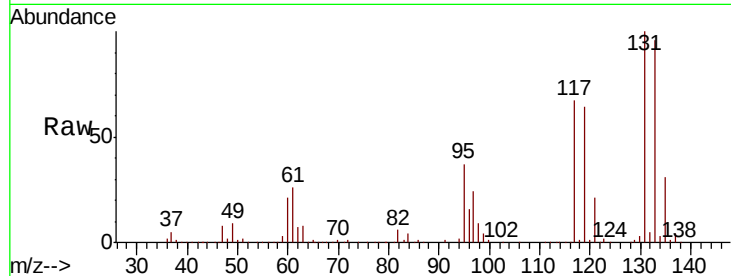
Tot Ion:131 Resp: 122265

Ion Ratio Lower Upper

131 100

133 95.5 47.7 143.1

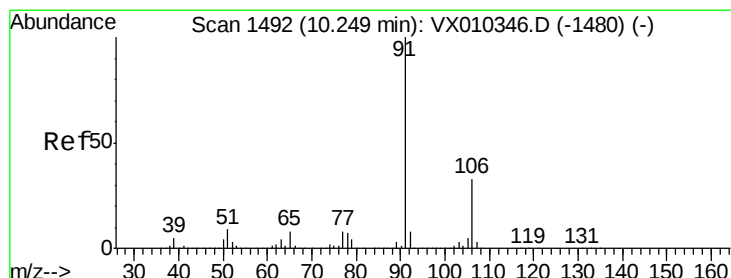
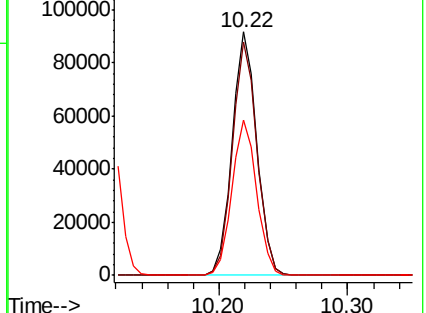
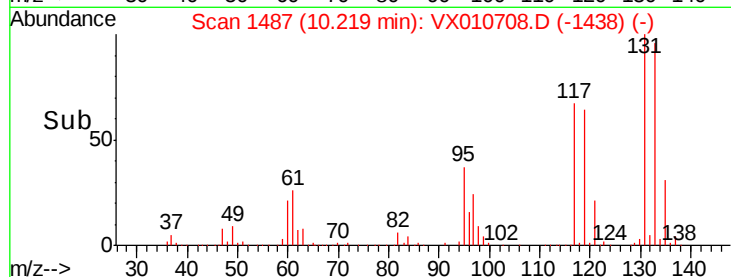
119 64.4 32.6 97.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 52.557 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010708.D

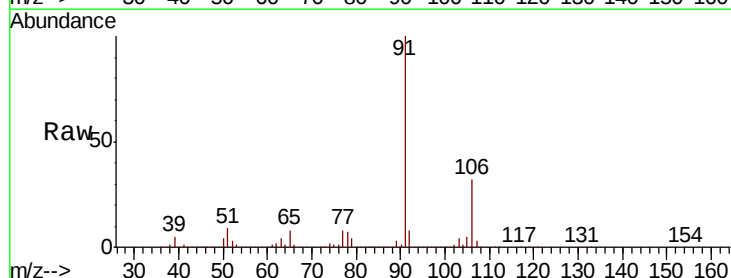
Acq: 08 Jul 2019 20:06

Tgt Ion: 91 Resp: 569888

Ion Ratio Lower Upper

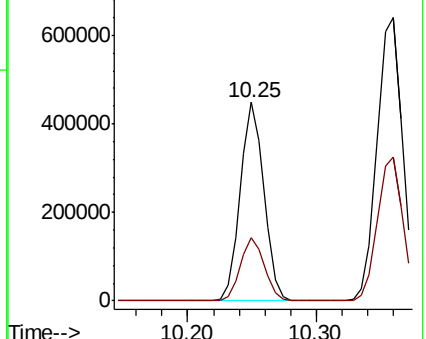
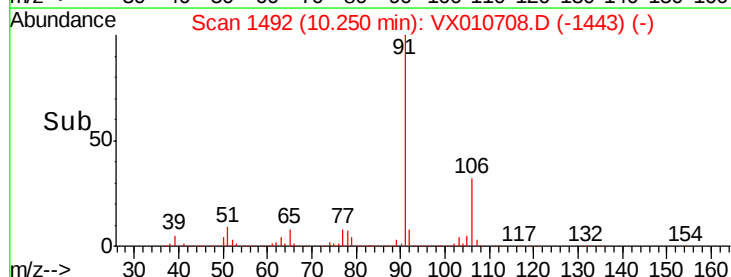
91 100

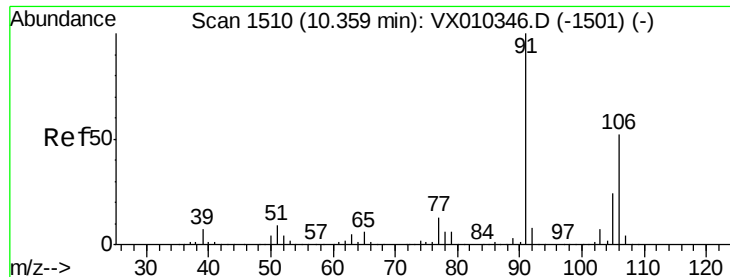
106 32.1 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

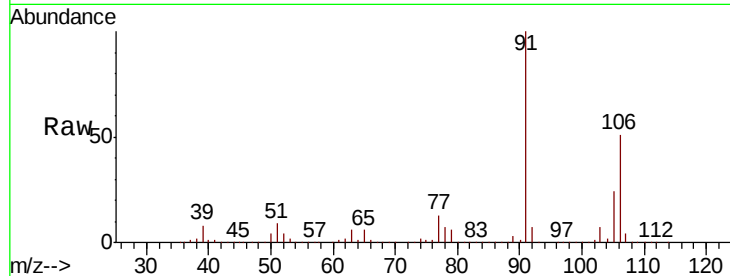




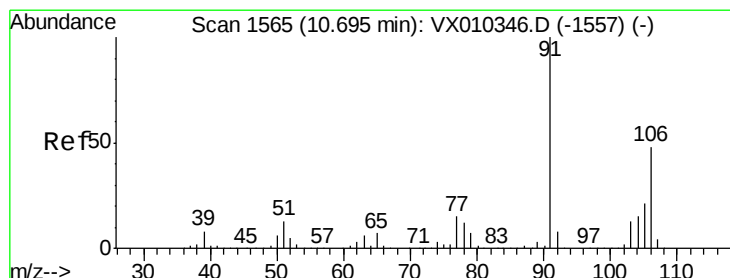
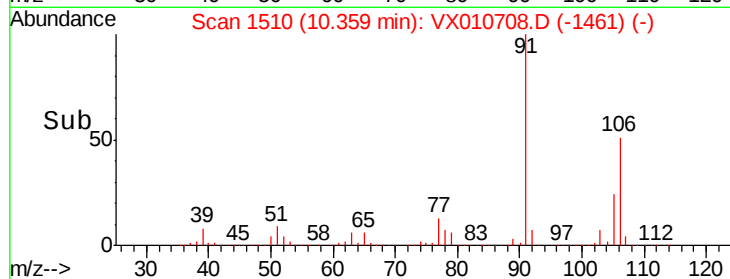
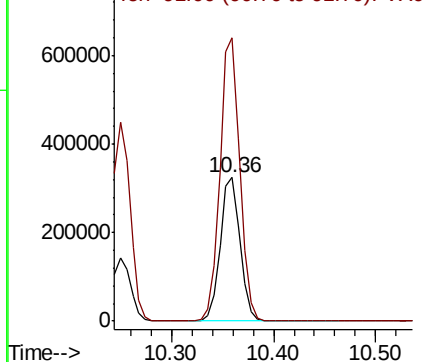
#68
m/p-Xylenes
Concen: 105.200 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion:106 Resp: 442000
Ion Ratio Lower Upper
106 100
91 196.8 155.3 232.9

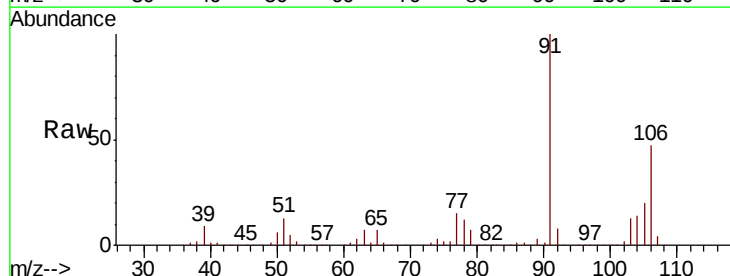


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

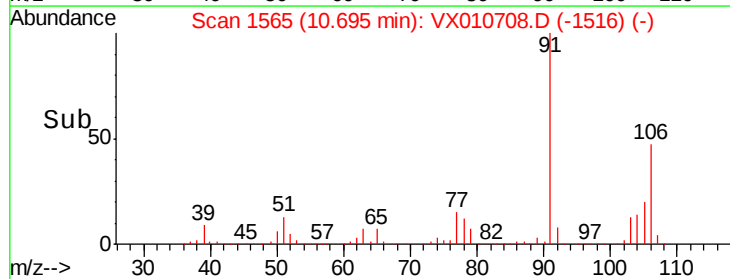
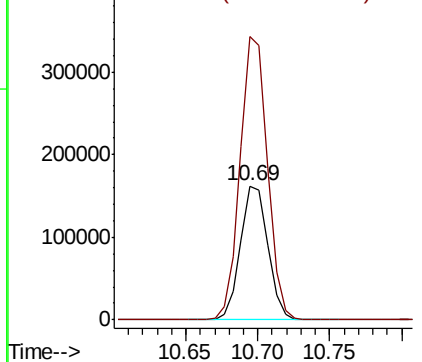


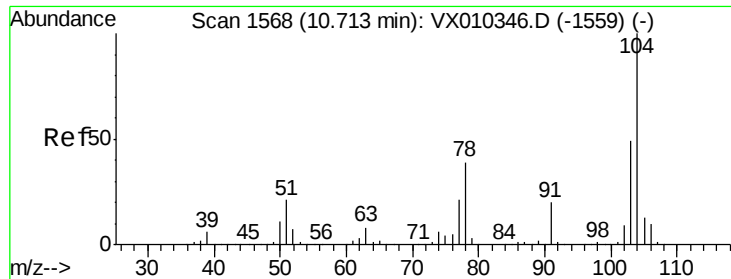
#69
o-Xylene
Concen: 52.268 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

Tgt Ion:106 Resp: 215963
Ion Ratio Lower Upper
106 100
91 209.4 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 53.622 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

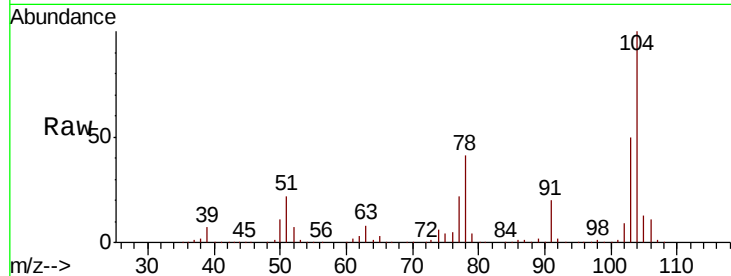
Tot Ion:104 Resp: 371555

Ion Ratio Lower Upper

104 100

78 47.6 36.2 54.2

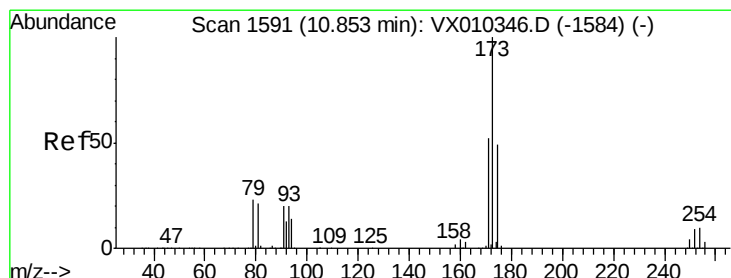
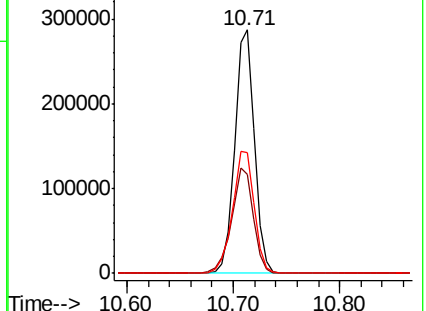
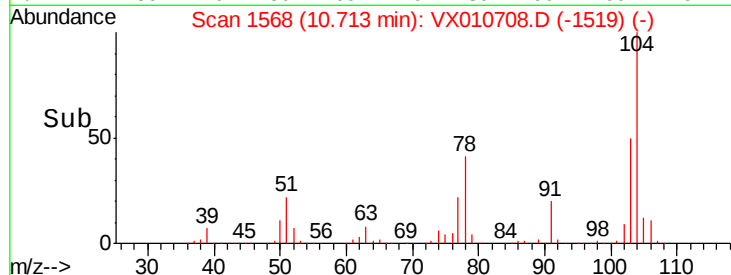
103 55.5 44.2 66.4



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: 50.195 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

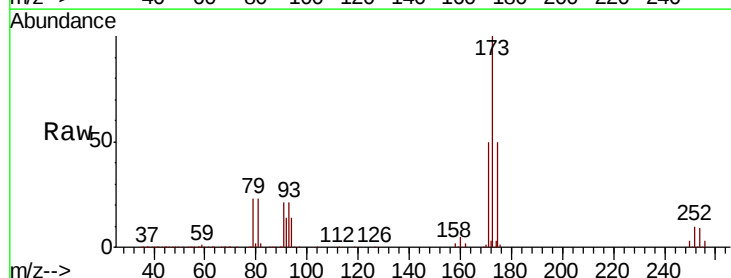
Tgt Ion:173 Resp: 102124

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.3

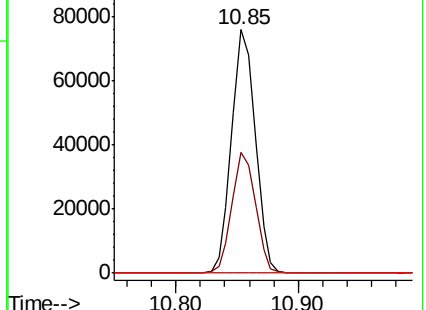
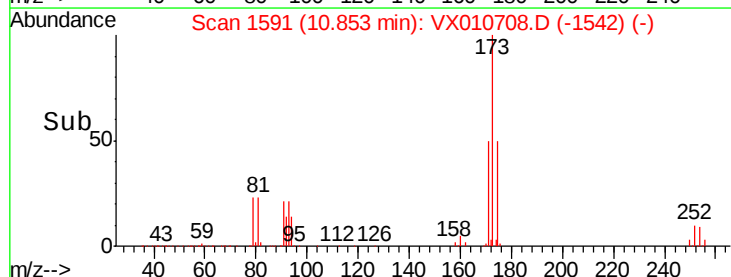
254 0.2 0.2 0.2#

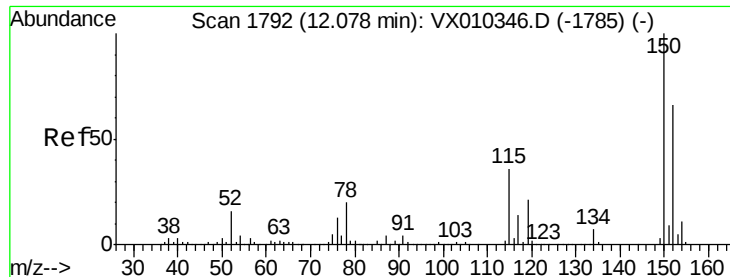


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

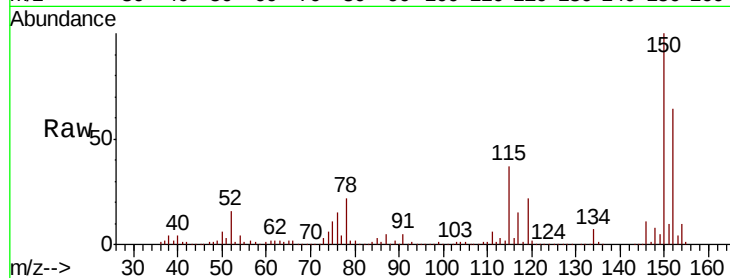
Tot Ion:152 Resp: 165934

Ion Ratio Lower Upper

152 100

115 79.8 38.6 115.7

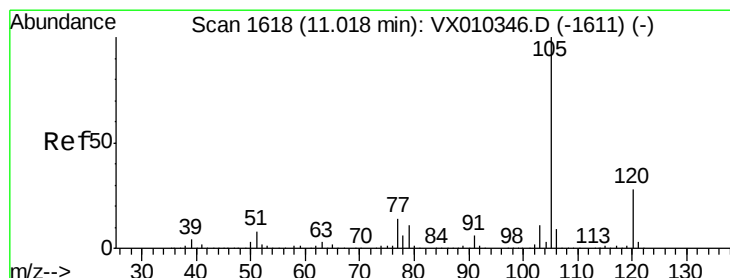
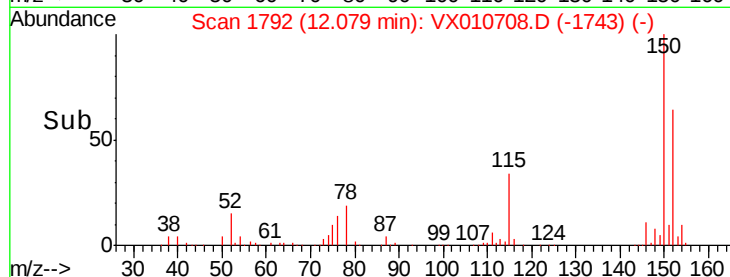
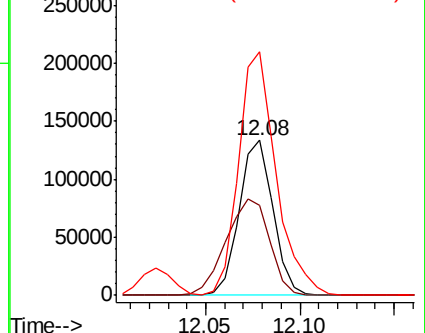
150 174.8 0.0 347.4



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: 52.092 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010708.D

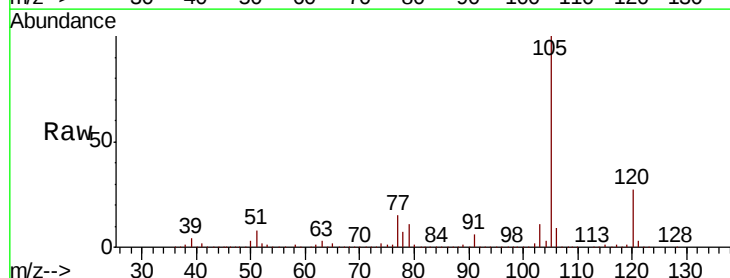
Acq: 08 Jul 2019 20:06

Tgt Ion:105 Resp: 585944

Ion Ratio Lower Upper

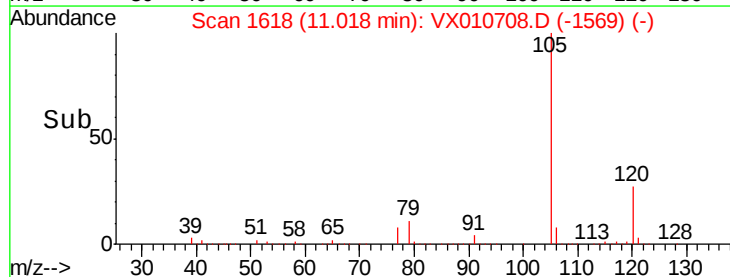
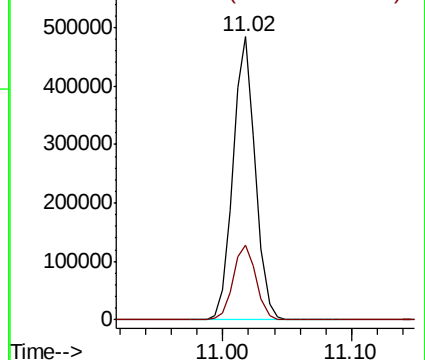
105 100

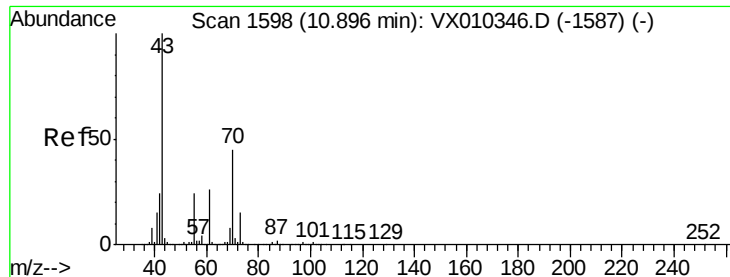
120 27.2 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 51.894 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion: 43 Resp: 220598

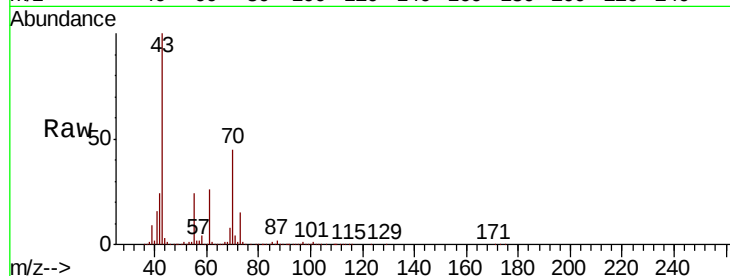
Ion Ratio Lower Upper

43 100

70 43.7 36.6 54.8

55 23.5 18.7 28.1

61 25.2 20.6 31.0

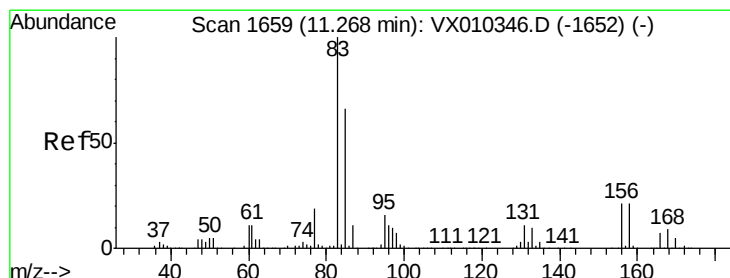
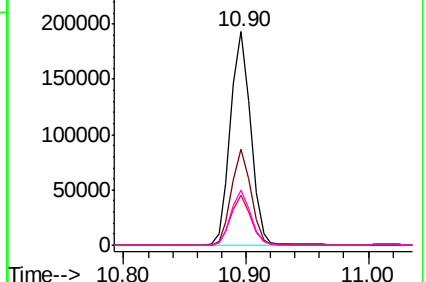
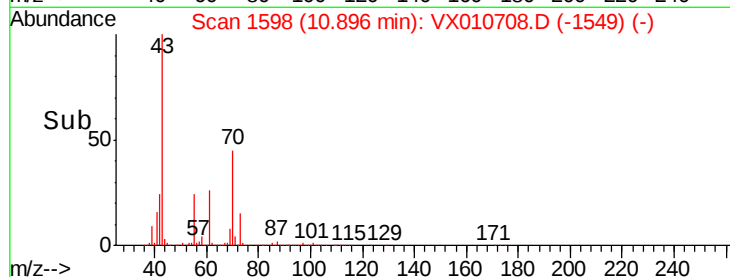


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.866 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

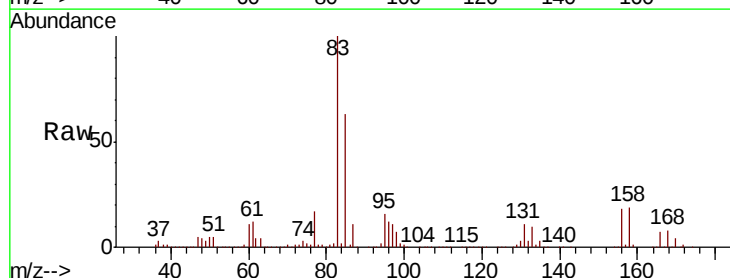
Tgt Ion: 83 Resp: 193206

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

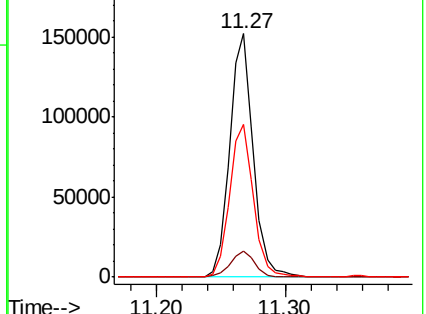
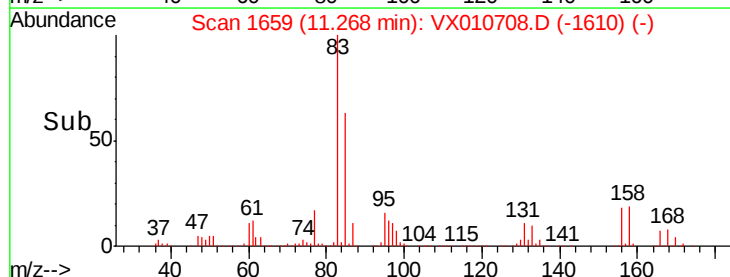
85 64.1 32.3 96.8

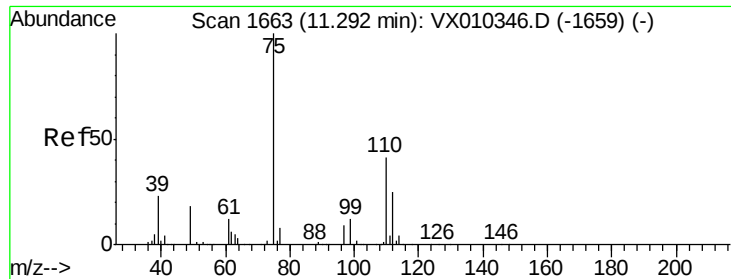


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

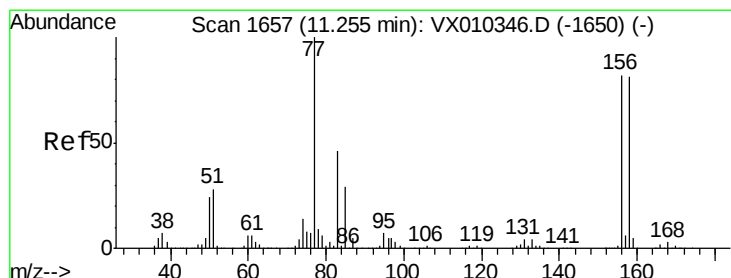
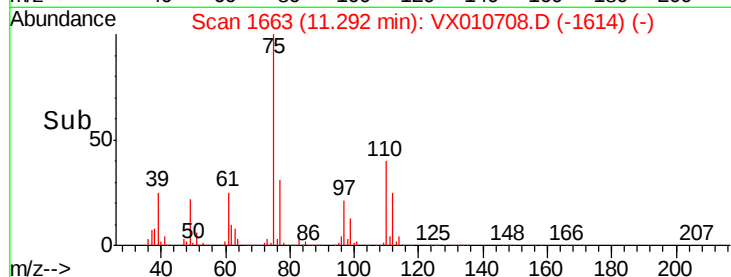
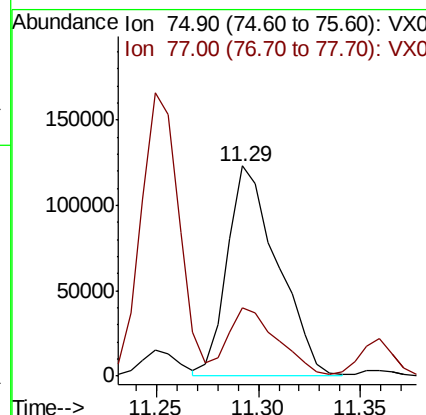
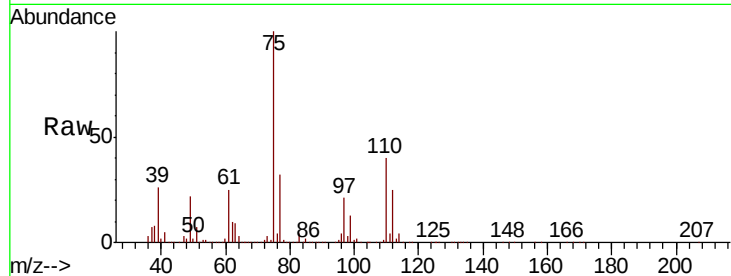




#76
 1,2,3-Trichloropropane
 Concen: 69.765 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

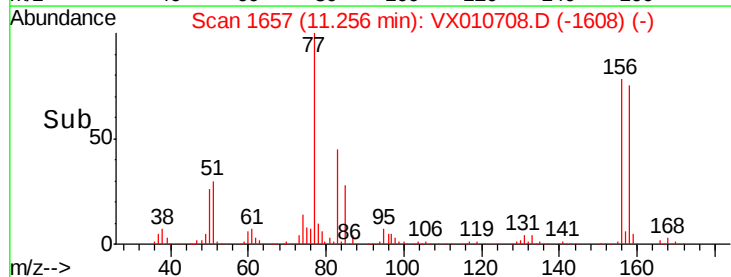
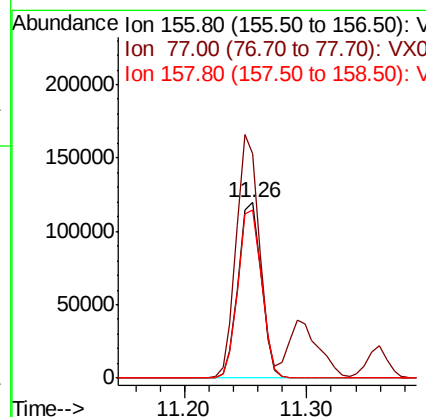
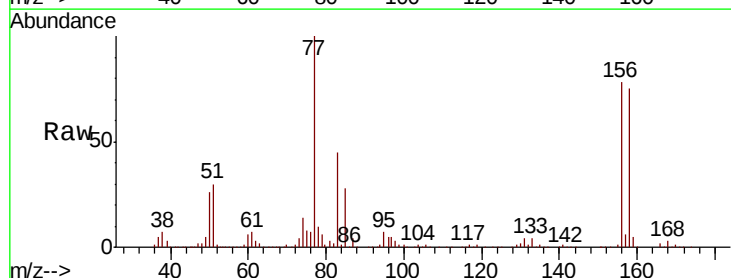
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

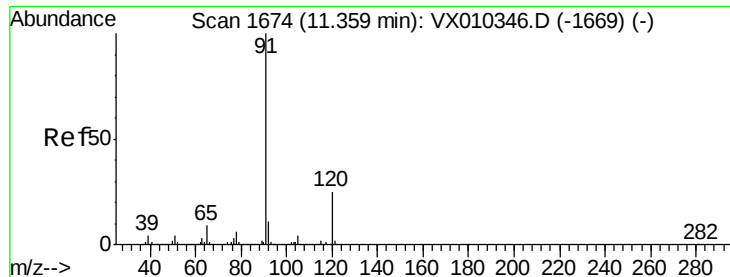
Tot Ion: 75 Resp: 210951
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.6 67.8



#77
 Bromobenzene
 Concen: 49.693 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

Tgt Ion: 156 Resp: 156077
 Ion Ratio Lower Upper
 156 100
 77 137.3 66.3 198.7
 158 97.8 48.9 146.7





#78

n-propylbenzene

Concen: 51.881 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

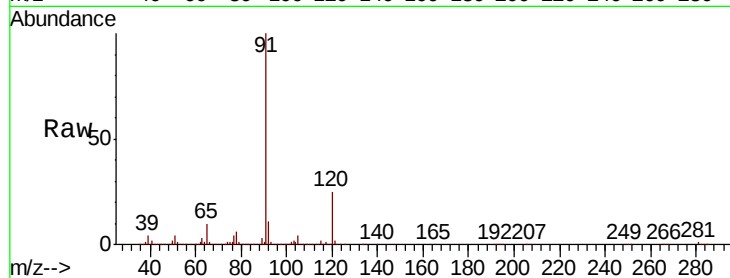
SS038RW151-190702MSD

Tot Ion: 91 Resp: 641366

Ion Ratio Lower Upper

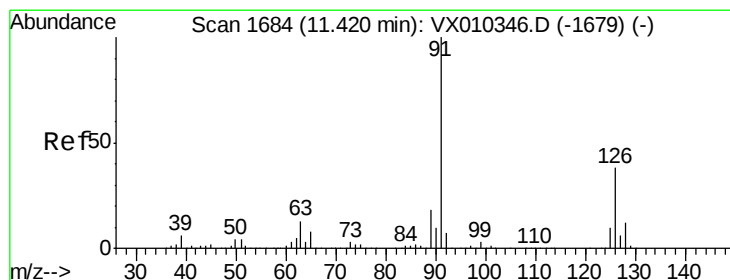
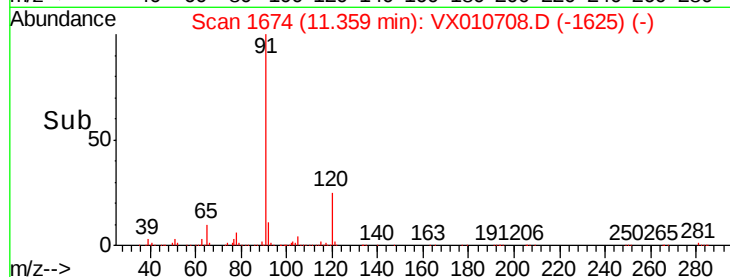
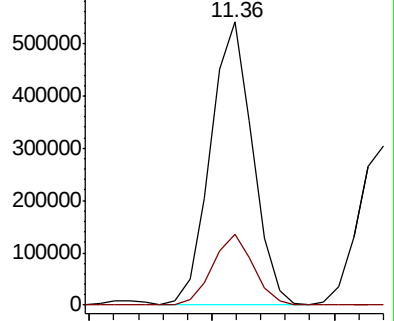
91 100

120 24.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 51.319 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010708.D

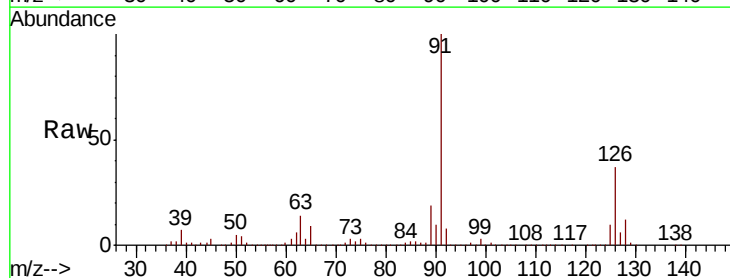
Acq: 08 Jul 2019 20:06

Tgt Ion: 91 Resp: 377783

Ion Ratio Lower Upper

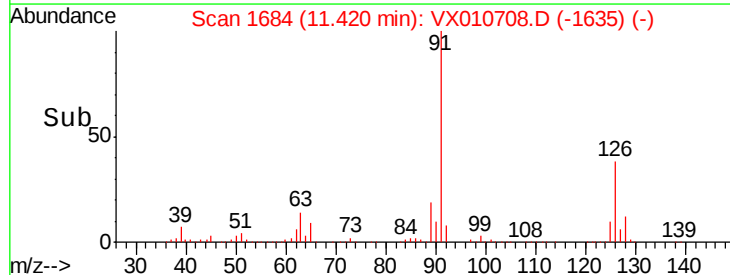
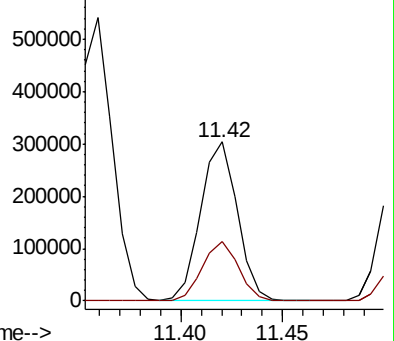
91 100

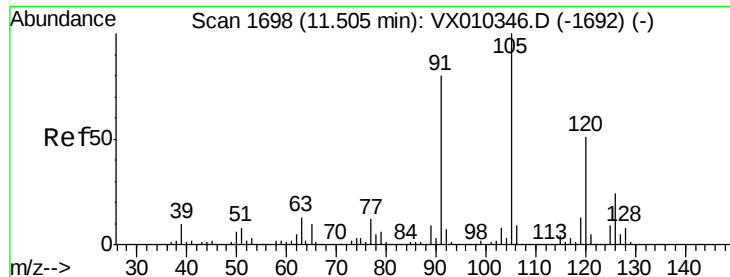
126 36.9 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

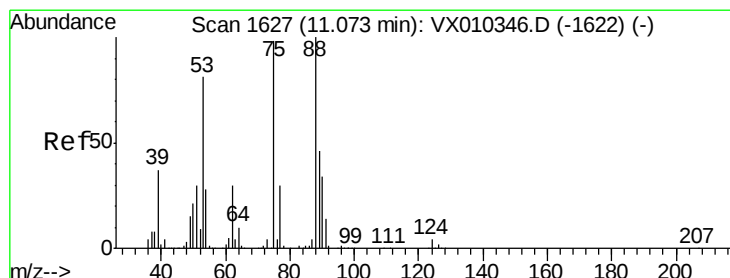
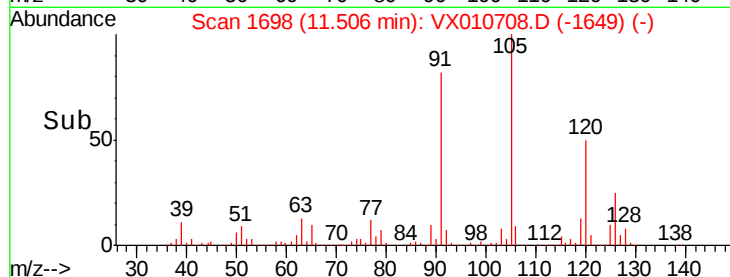
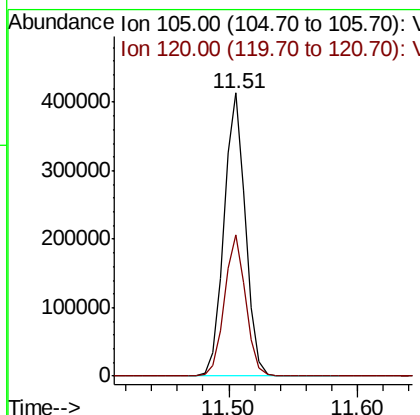
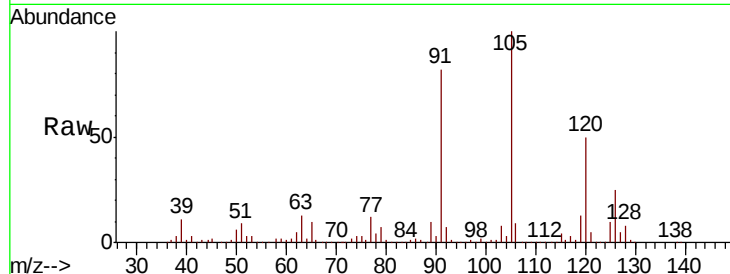




#80
 1,3,5-Trimethylbenzene
 Concen: 52.050 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

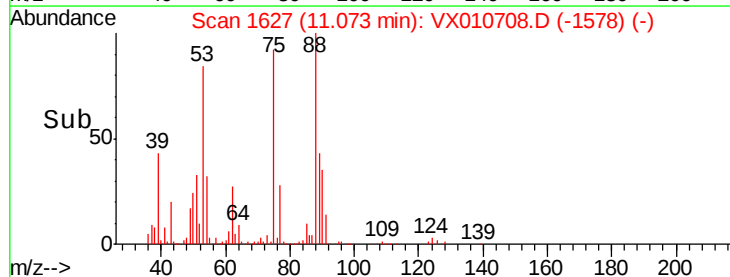
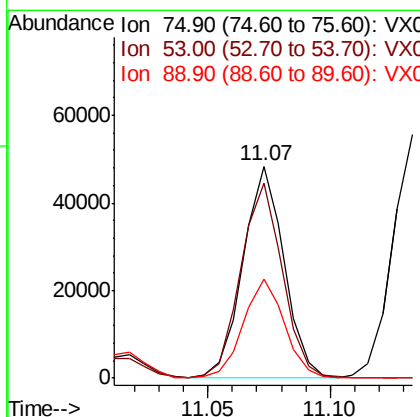
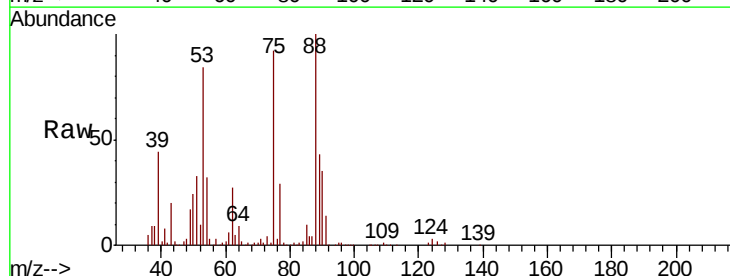
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

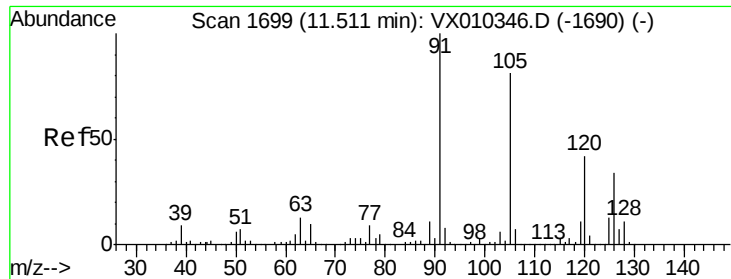
Tot Ion:105 Resp: 482653
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.234 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

Tgt Ion: 75 Resp: 56037
 Ion Ratio Lower Upper
 75 100
 53 93.6 66.1 99.1
 89 47.3 37.8 56.6

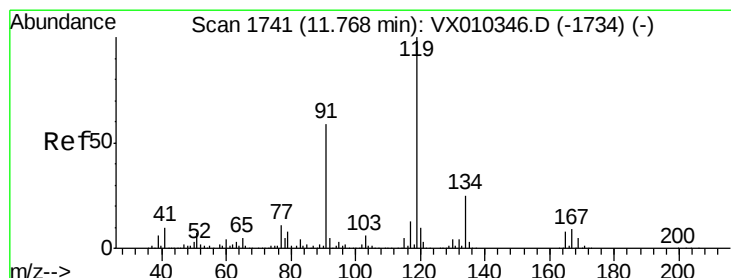
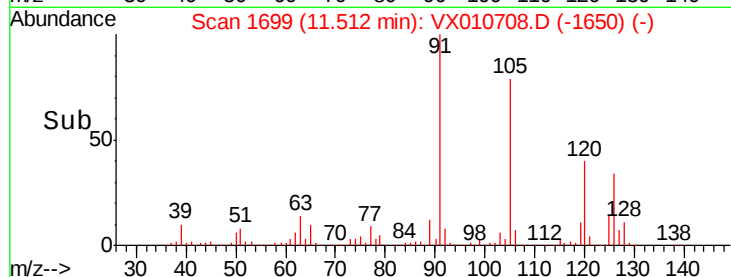
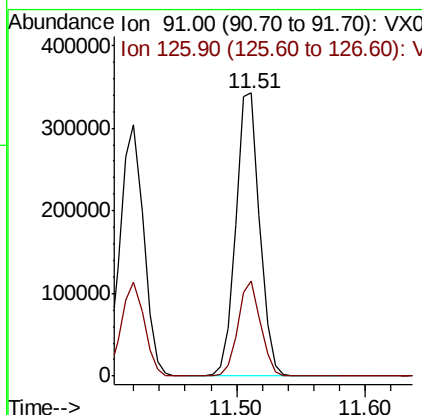
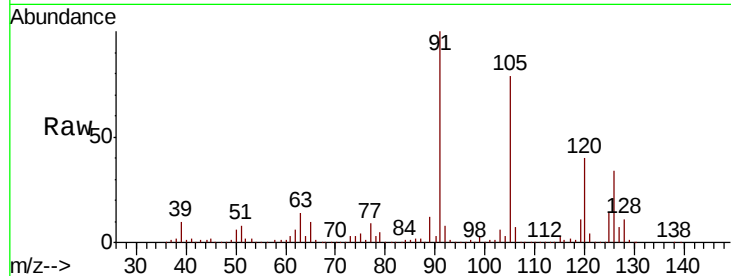




#82
4-Chlorotoluene
Concen: 52.803 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

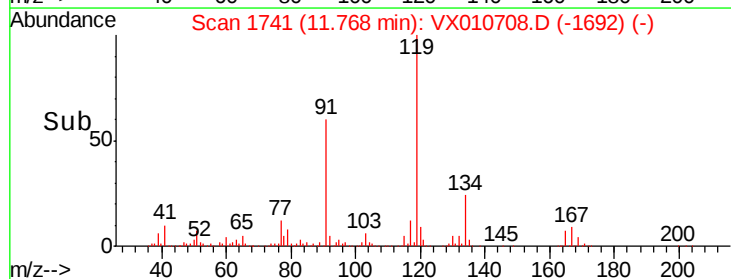
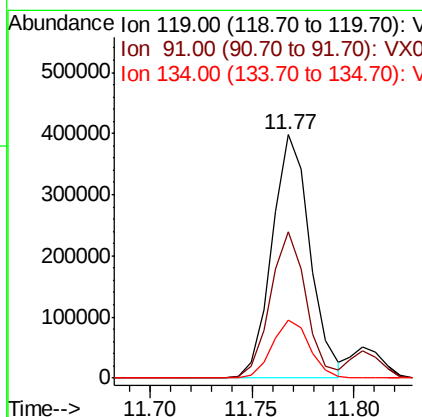
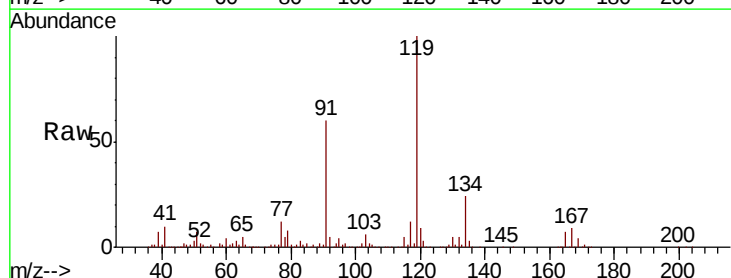
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

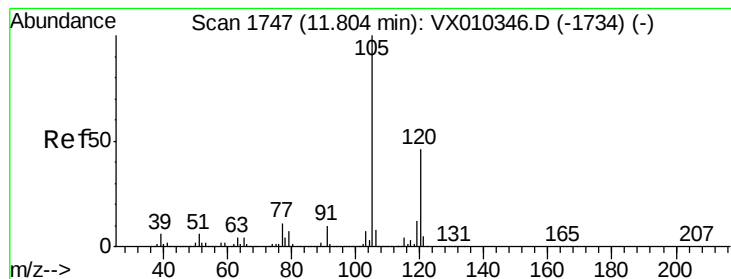
Tot Ion: 91 Resp: 442307
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6



#83
tert-Butylbenzene
Concen: 55.620 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

Tgt Ion: 119 Resp: 517656
Ion Ratio Lower Upper
119 100
91 56.7 27.6 82.7
134 23.6 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 53.121 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

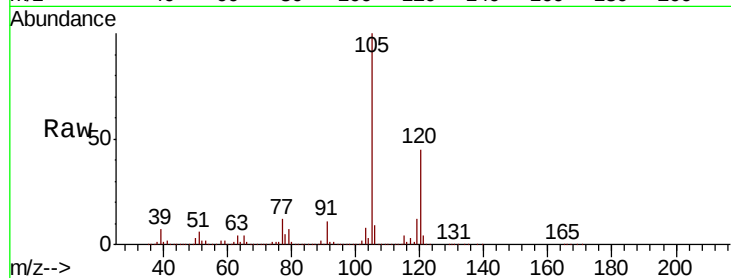
SS038RW151-190702MSD

Tot Ion:105 Resp: 494890

Ion Ratio Lower Upper

105 100

120 45.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

400000

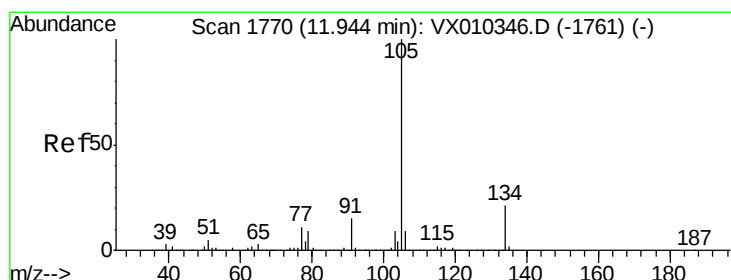
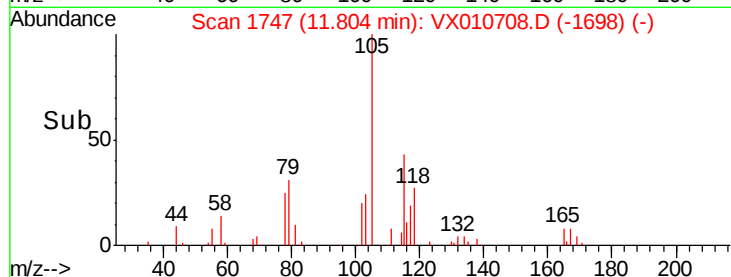
300000

200000

100000

0

Time-->



#85

sec-Butylbenzene

Concen: 54.997 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010708.D

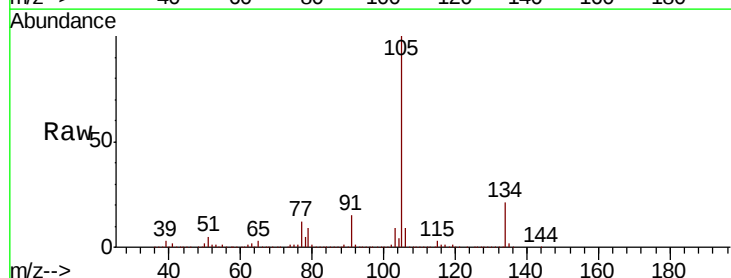
Acq: 08 Jul 2019 20:06

Tgt Ion:105 Resp: 600991

Ion Ratio Lower Upper

105 100

134 21.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

600000

500000

400000

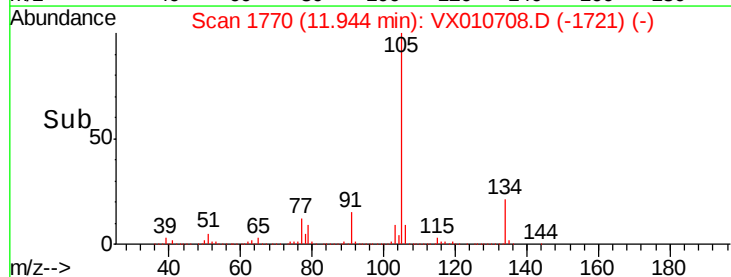
300000

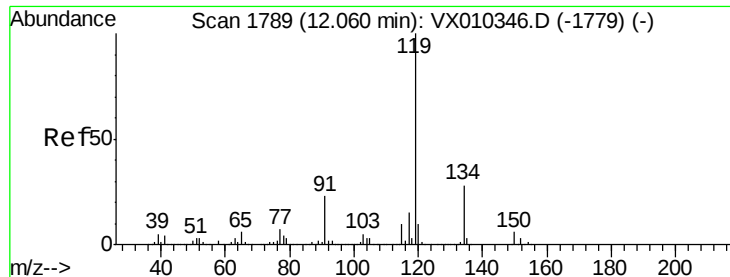
200000

100000

0

Time-->

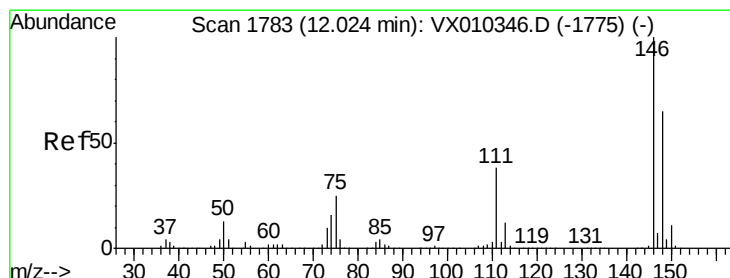
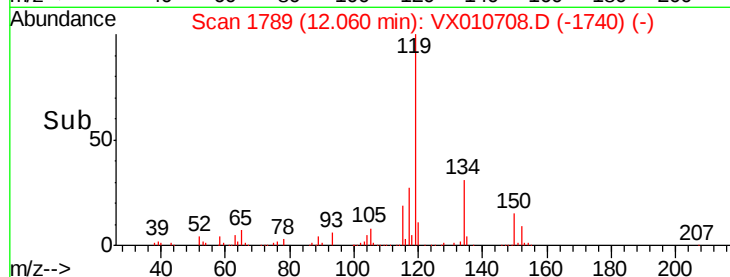
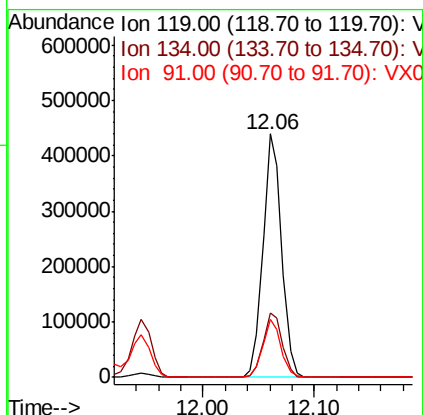
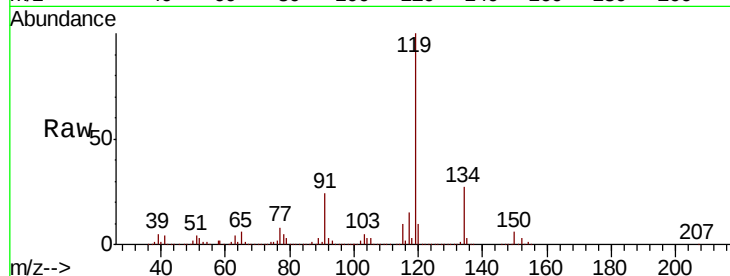




#86
 p-Isopropyltoluene
 Concen: 51.191 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

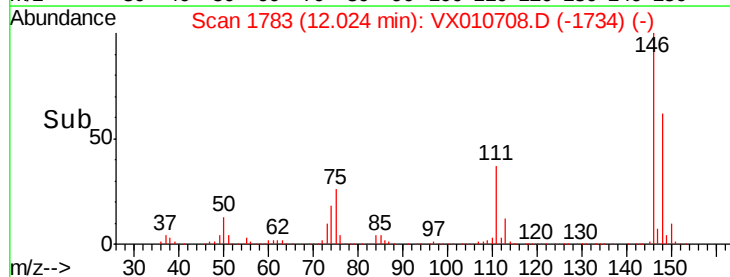
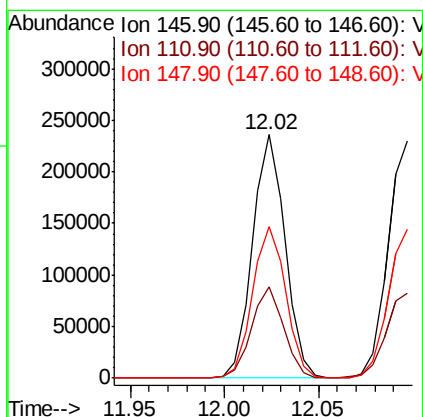
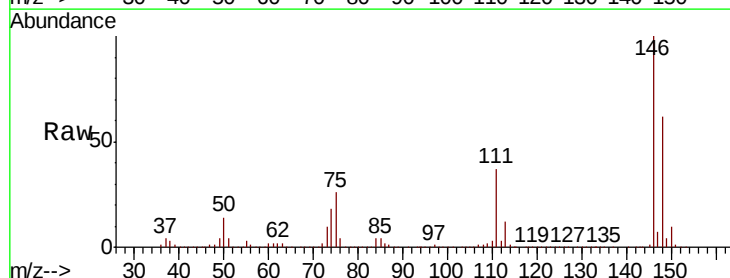
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

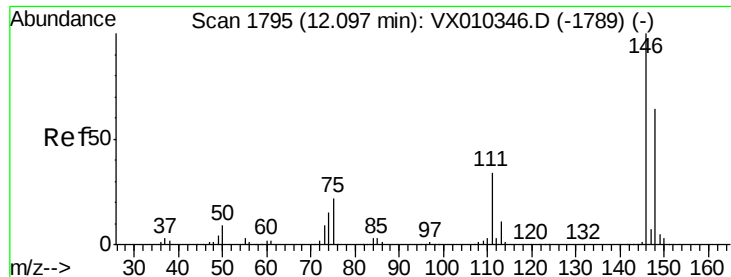
Tot Ion:119 Resp: 517432
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.7 41.1
 91 23.1 11.3 33.8



#87
 1,3-Dichlorobenzene
 Concen: 51.562 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

Tgt Ion:146 Resp: 282689
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.1 57.1
 148 63.5 32.5 97.4





#88

1,4-Dichlorobenzene

Concen: 50.898 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

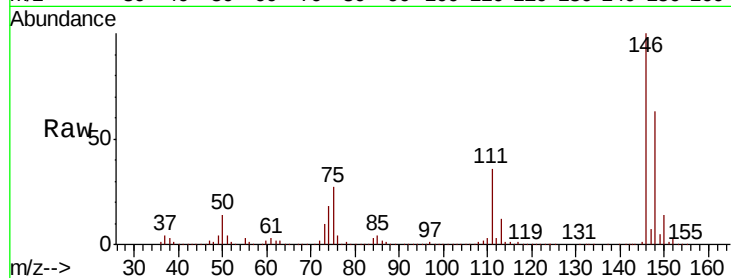
Tot Ion:146 Resp: 284089

Ion Ratio Lower Upper

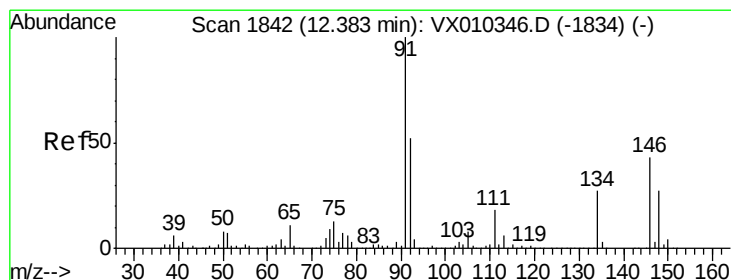
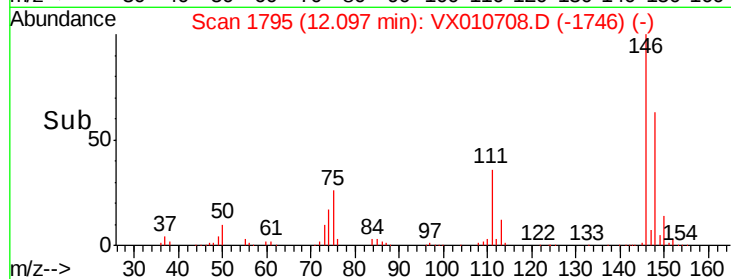
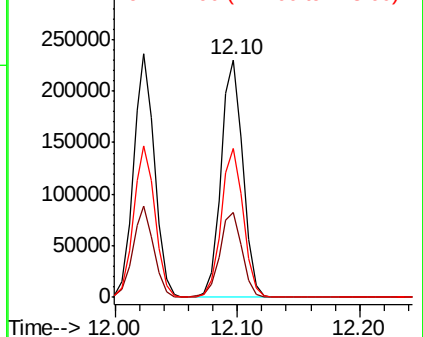
146 100

111 36.8 18.1 54.3

148 63.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 52.546 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

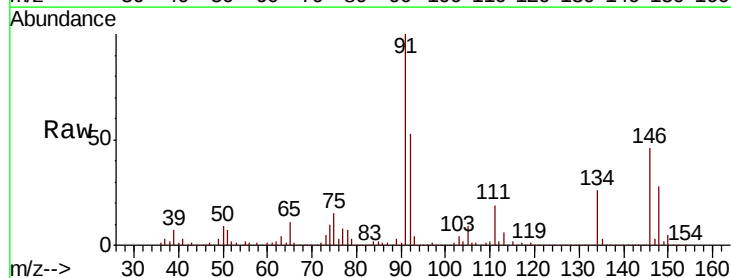
Tgt Ion: 91 Resp: 451323

Ion Ratio Lower Upper

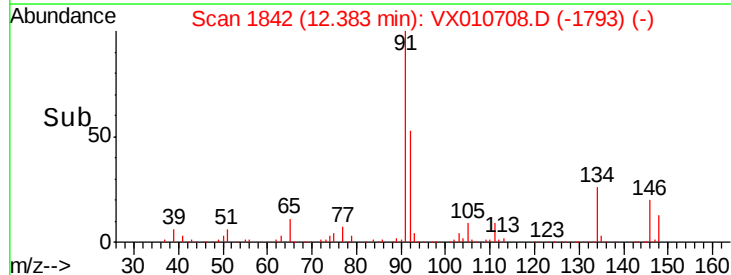
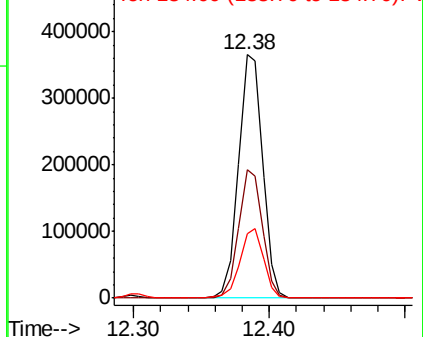
91 100

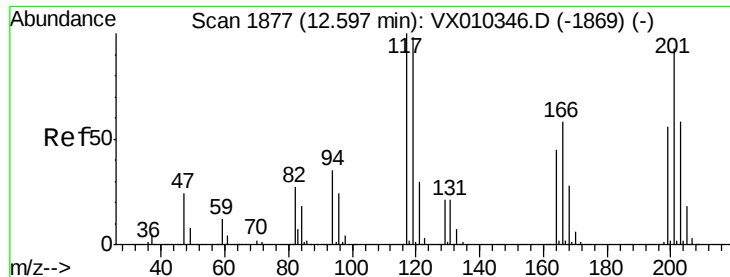
92 51.8 26.2 78.5

134 28.3 14.1 42.4



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

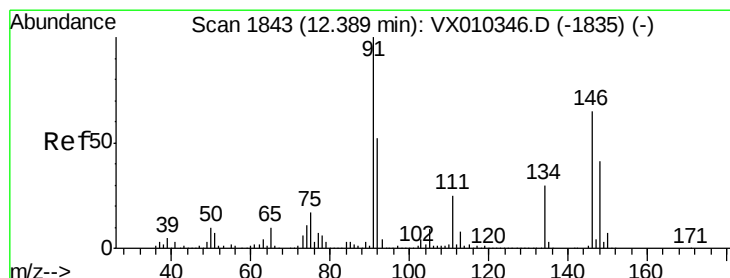
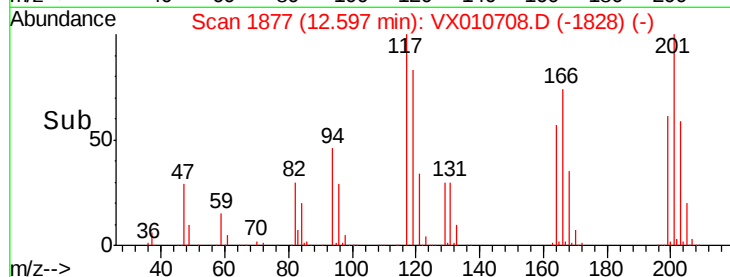
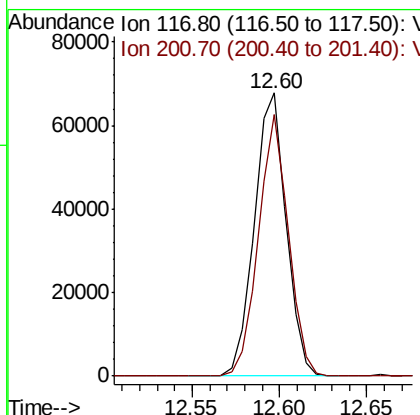
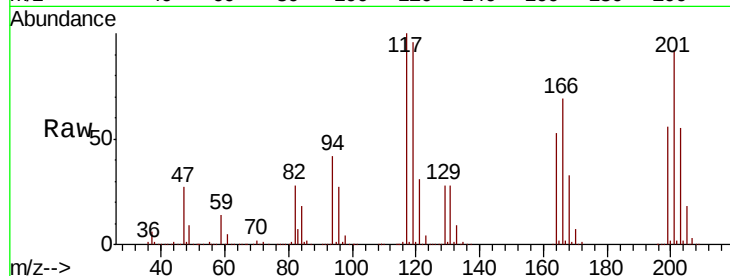




#90
Hexachloroethane
Concen: 48.925 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

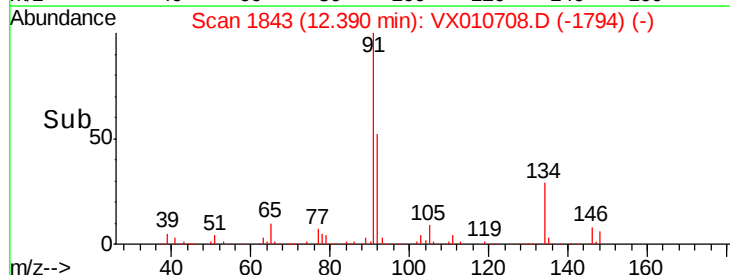
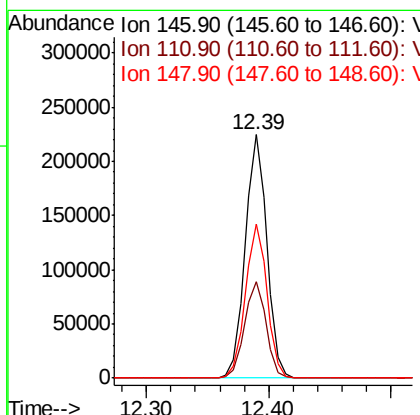
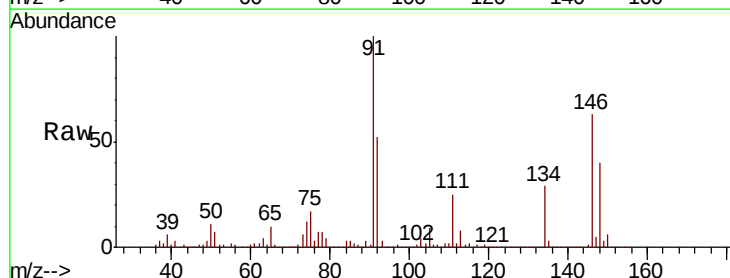
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

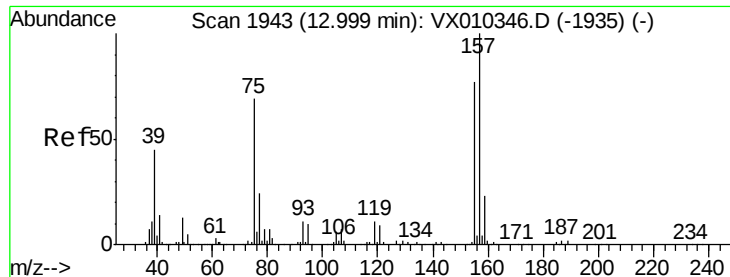
Tot Ion:117 Resp: 85510
Ion Ratio Lower Upper
117 100
201 87.2 44.0 131.8



#91
1,2-Dichlorobenzene
Concen: 50.325 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010708.D
Acq: 08 Jul 2019 20:06

Tgt Ion:146 Resp: 274220
Ion Ratio Lower Upper
146 100
111 39.4 19.2 57.6
148 63.2 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.727 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

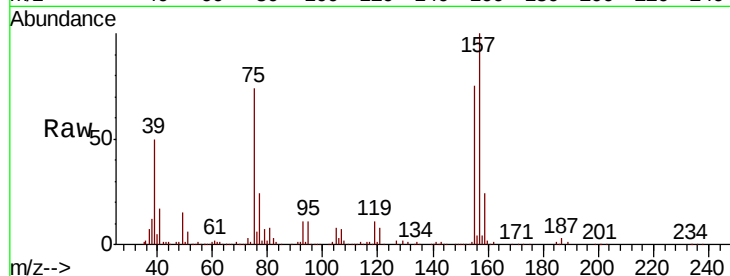
Tot Ion: 75 Resp: 41545

Ion Ratio Lower Upper

75 100

155 97.6 54.4 163.1

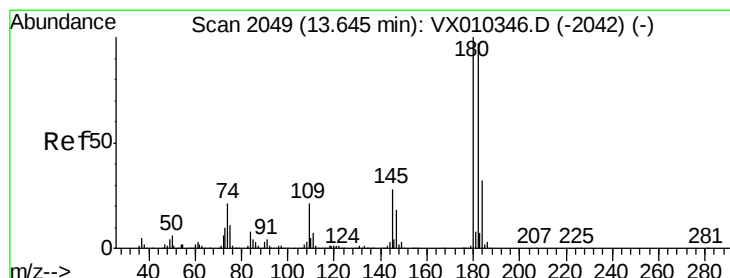
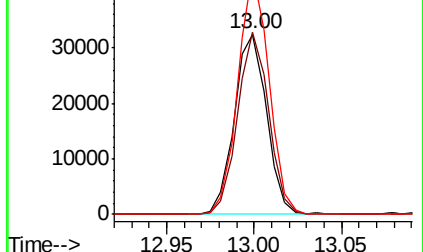
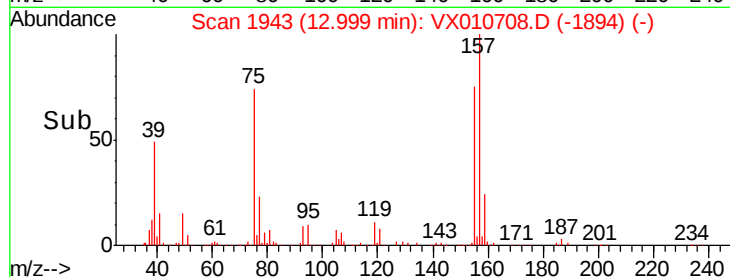
157 128.4 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX010708.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX010708.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX010708.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 49.898 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

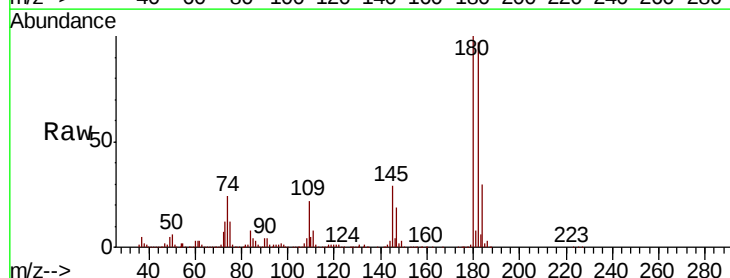
Tgt Ion:180 Resp: 188554

Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.0

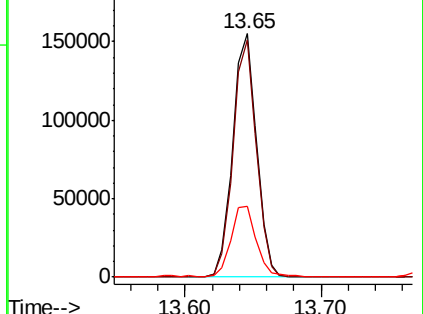
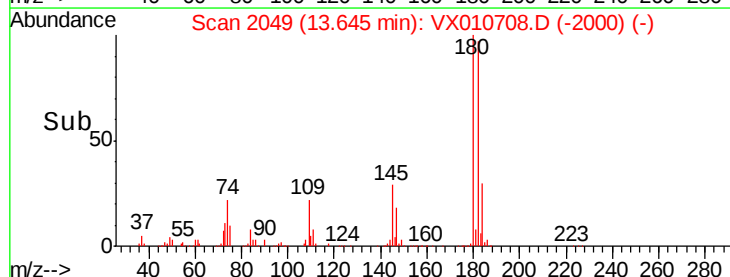
145 31.6 14.4 43.4

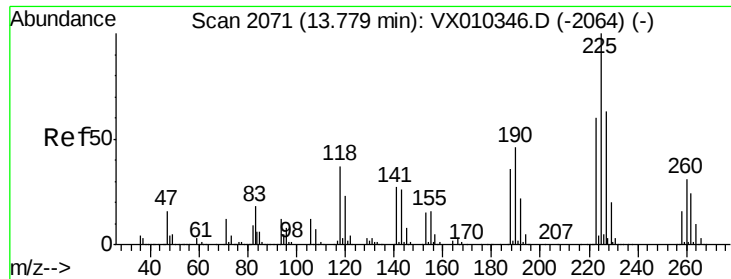


Abundance Ion 179.80 (179.50 to 180.50): VX010708.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX010708.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX010708.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 50.197 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

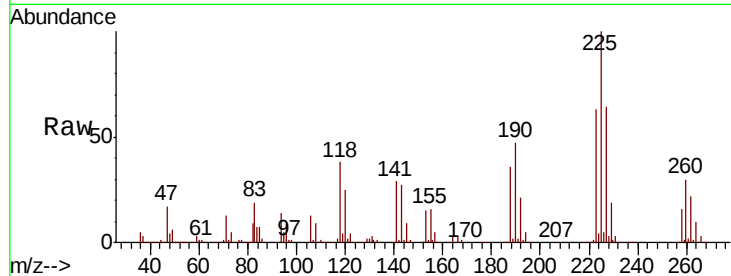
Tot Ion:225 Resp: 92705

Ion Ratio Lower Upper

225 100

223 62.6 30.9 92.7

227 63.9 31.9 95.5

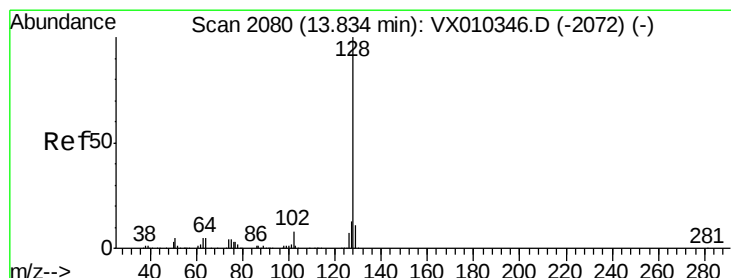
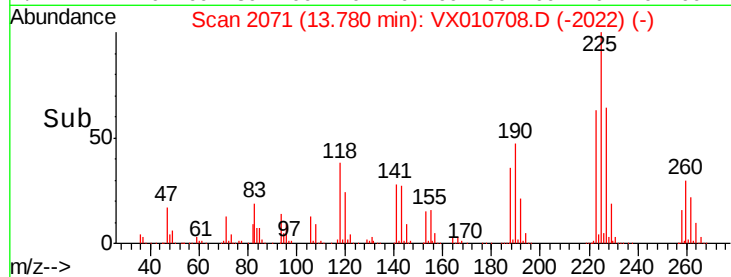
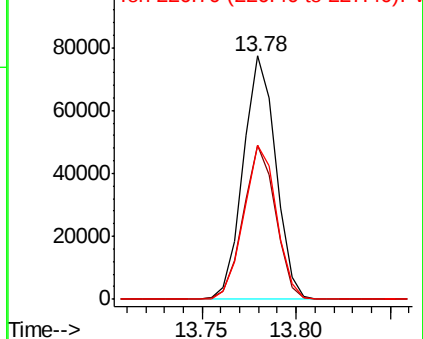


Abundance

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: 51.474 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010708.D

Acq: 08 Jul 2019 20:06

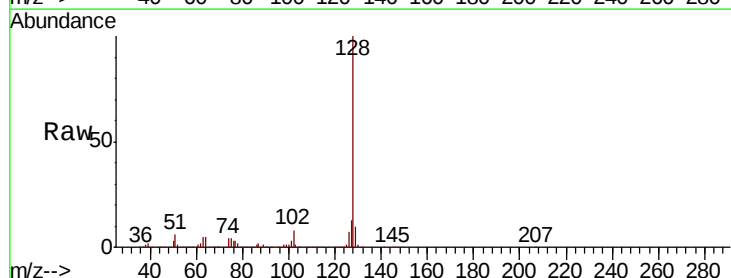
Tgt Ion:128 Resp: 597739

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.9 8.9 13.3

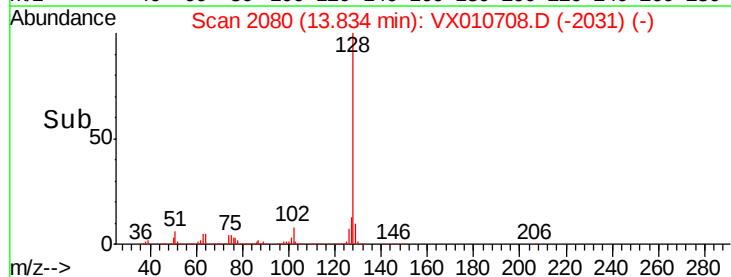
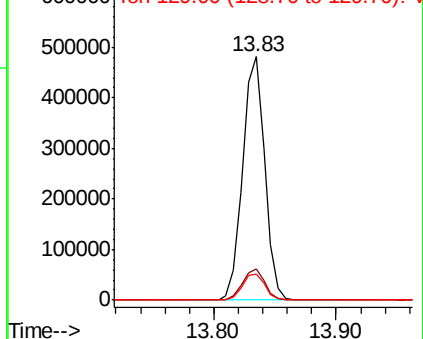


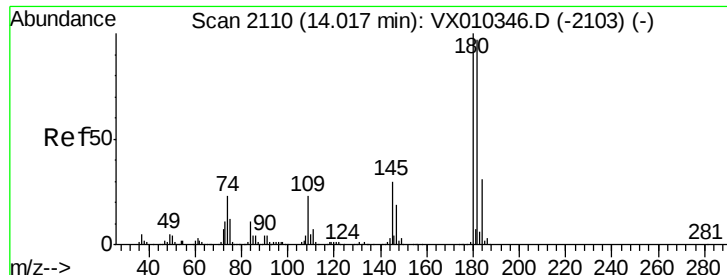
Abundance

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

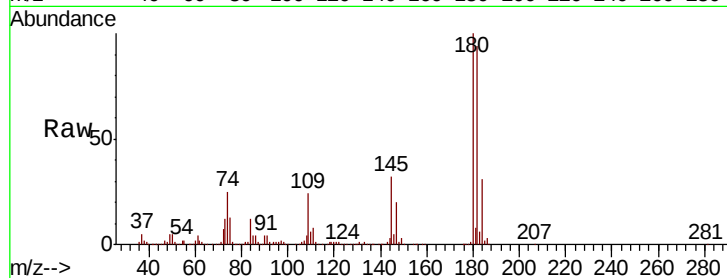




#96
 1,2,3-Trichlorobenzene
 Concen: 50.620 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010708.D
 Acq: 08 Jul 2019 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.8	143.3
145	32.0	15.2	45.6



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

