

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010707.D
 Acq On : 08 Jul 2019 19:42
 Operator : JC/SP
 Sample : K3669-13MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Quant Time: Jul 09 01:12:35 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	5.66	168	231866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	324702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169301	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111756	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	5.50	113	103543	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	8.71	98	383883	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
62) 4-Bromofluorobenzene	11.13	95	146142	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	97806	60.674	ug/l	99
3) Chloromethane	1.32	50	98690	52.576	ug/l	99
4) Vinyl Chloride	1.41	62	110396	53.696	ug/l	97
5) Bromomethane	1.64	94	50105	50.024	ug/l	99
6) Chloroethane	1.71	64	67609	55.738	ug/l	99
7) Trichlorofluoromethane	1.93	101	182577	56.019	ug/l	100
8) Diethyl Ether	2.19	74	63110	53.996	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100891	51.082	ug/l	98
10) Methyl Iodide	2.51	142	129331	45.883	ug/l	97
11) Tert butyl alcohol	3.05	59	124157	218.256	ug/l	99
12) 1,1-Dichloroethene	2.37	96	103679	51.588	ug/l	99
13) Acrolein	2.29	56	85954	227.773	ug/l	99
14) Allyl chloride	2.73	41	149543	52.411	ug/l	96
15) Acrylonitrile	3.14	53	298526	265.056	ug/l	100
16) Acetone	2.45	43	241328	221.497	ug/l	98
17) Carbon Disulfide	2.57	76	262070	48.604	ug/l	99
18) Methyl Acetate	2.78	43	108222	49.838	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	339949	53.768	ug/l	98
20) Methylene Chloride	2.85	84	117486	52.398	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	111742	51.696	ug/l	97
22) Diisopropyl ether	3.85	45	320726	53.763	ug/l	96
23) Vinyl Acetate	3.81	43	1345072	260.996	ug/l	97
24) 1,1-Dichloroethane	3.70	63	182946	53.054	ug/l	99
25) 2-Butanone	4.67	43	401130	250.988	ug/l	99
26) 2,2-Dichloropropane	4.59	77	126328	42.172	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	226613	90.725	ug/l	97
28) Bromochloromethane	5.01	49	78754	47.767	ug/l	95
29) Tetrahydrofuran	5.13	42	262729	265.399	ug/l	99
30) Chloroform	5.21	83	196838	53.053	ug/l	98
31) Cyclohexane	5.58	56	166242	52.940	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	173362	52.918	ug/l	99
36) 1,1-Dichloropropene	5.80	75	141602	50.757	ug/l	98
37) Ethyl Acetate	4.84	43	145616	50.737	ug/l	98
38) Carbon Tetrachloride	5.79	117	152513	50.485	ug/l	98

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 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)
39) Methylcyclohexane	7.46	83	184351	50.272	ug/l	98
40) Benzene	6.14	78	449475	51.714	ug/l	98
41) Methacrylonitrile	5.04	41	84394	53.593	ug/l	98
42) 1,2-Dichloroethane	6.20	62	150521	56.893	ug/l	98
43) Isopropyl Acetate	6.45	43	241544	50.869	ug/l	98
44) Trichloroethene	7.21	130	131157	50.431	ug/l	99
45) 1,2-Dichloropropane	7.51	63	112947	51.460	ug/l	98
46) Dibromomethane	7.66	93	81970	52.053	ug/l	97
47) Bromodichloromethane	7.90	83	147679	51.172	ug/l	98
48) Methyl methacrylate	7.77	41	121431	55.018	ug/l	98
49) 1,4-Dioxane	7.74	88	55514	873.115	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	822034	270.683	ug/l	98
52) Toluene	8.78	92	292644	51.129	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	160264	49.533	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	172896	49.173	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	123757	52.427	ug/l	99
56) Ethyl methacrylate	9.18	69	188527	52.721	ug/l	96
57) 1,3-Dichloropropane	9.37	76	191045	52.137	ug/l	100
59) 2-Hexanone	9.49	43	632831	264.767	ug/l	99
60) Dibromochloromethane	9.58	129	133349	50.453	ug/l	100
61) 1,2-Dibromoethane	9.67	107	134597	52.826	ug/l	99
64) Tetrachloroethene	9.34	164	123596	47.061	ug/l	96
65) Chlorobenzene	10.14	112	862542	130.845	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	122386	50.969	ug/l	99
67) Ethyl Benzene	10.25	91	579284	52.052	ug/l	100
68) m/p-Xylenes	10.36	106	443309	102.804	ug/l	99
69) o-Xylene	10.69	106	214886	50.673	ug/l	98
70) Styrene	10.71	104	372782	52.418	ug/l	99
71) Bromoform	10.85	173	100843	48.294	ug/l	98
73) Isopropylbenzene	11.02	105	589541	51.369	ug/l	99
74) N-amyl acetate	10.90	43	221785	51.135	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	191161	50.296	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	207137	67.141	ug/l	80
77) Bromobenzene	11.26	156	157929	49.282	ug/l	98
78) n-propylbenzene	11.36	91	645080	51.143	ug/l	99
79) 2-Chlorotoluene	11.42	91	381555	50.801	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	482244	50.972	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55763	42.167	ug/l	90
82) 4-Chlorotoluene	11.51	91	440499	51.541	ug/l	99
83) tert-Butylbenzene	11.77	119	524903	55.277	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	498943	52.491	ug/l	99
85) sec-Butylbenzene	11.94	105	607152	54.456	ug/l	97
86) p-Isopropyltoluene	12.06	119	518850	50.311	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	275841	49.312	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	279224	49.032	ug/l	99
89) n-Butylbenzene	12.38	91	450450	51.401	ug/l	100
90) Hexachloroethane	12.60	117	85600	48.003	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	270891	48.726	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40853	49.854	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	188168	48.806	ug/l	98

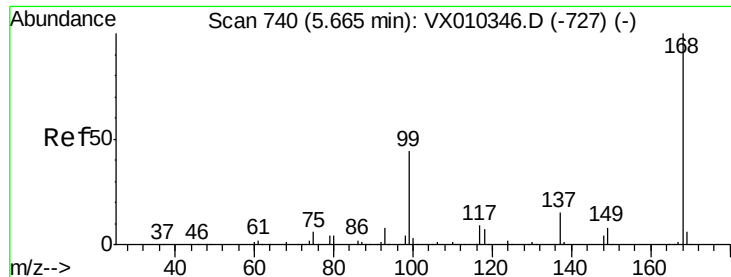
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	91734	48.684	ug/l	99
95) Naphthalene	13.83	128	595453	50.258	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	188348	49.135	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

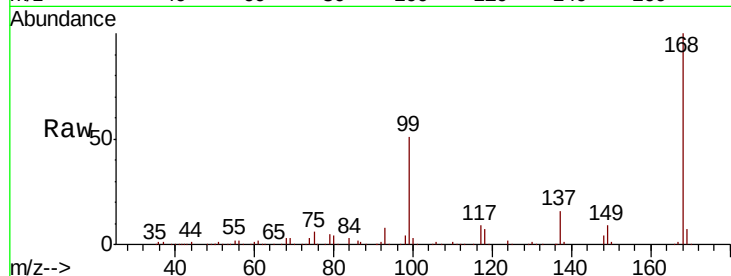
SS038RW151-190702MS

Tot Ion:168 Resp: 231866

Ion Ratio Lower Upper

168 100

99 50.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX010346.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX010346.D (-727) (-)

5.66

80000

60000

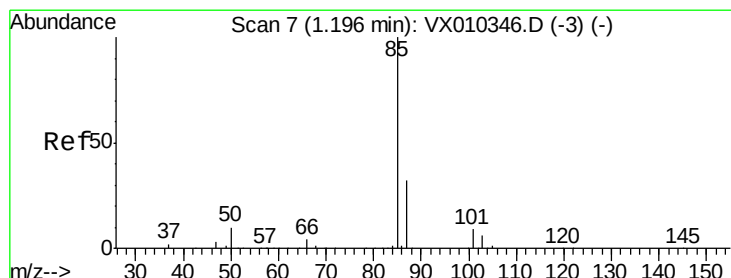
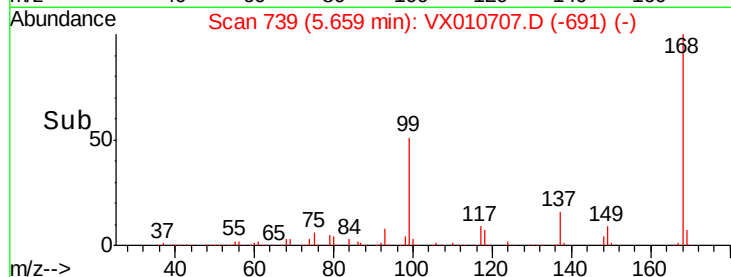
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 60.674 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010707.D

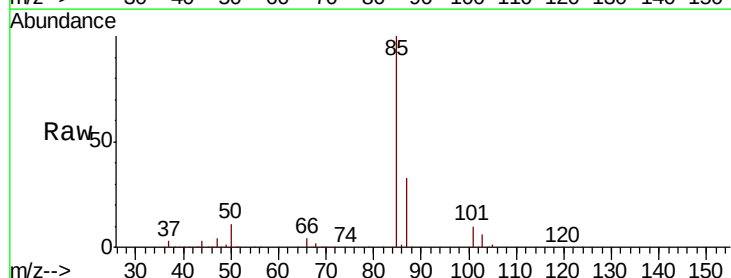
Acq: 08 Jul 2019 19:42

Tgt Ion: 85 Resp: 97806

Ion Ratio Lower Upper

85 100

87 33.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX010346.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX010346.D (-3) (-)

1.20

100000

80000

60000

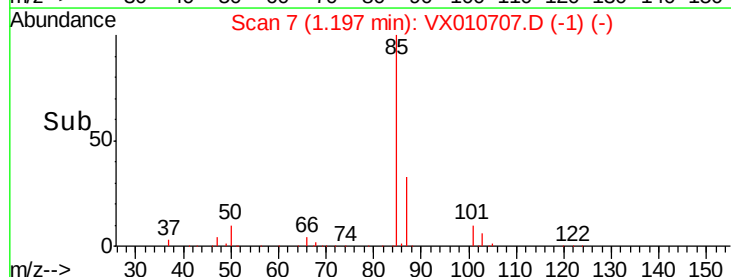
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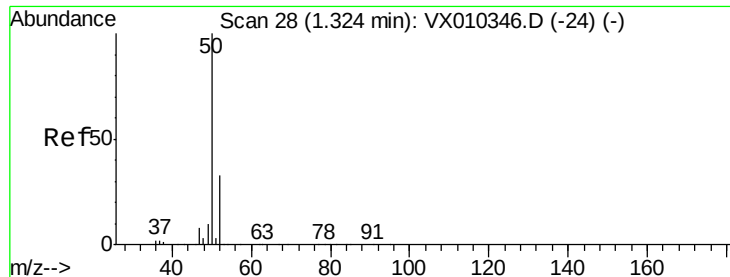
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 52.576 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

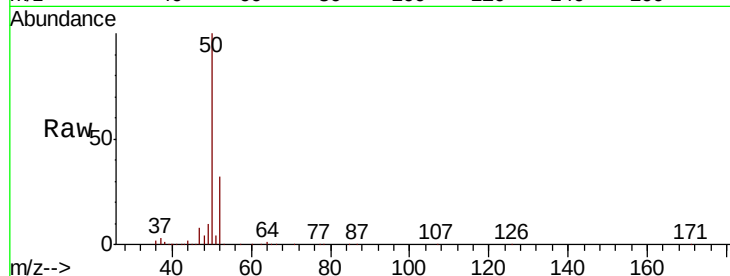
SS038RW151-190702MS

Tot Ion: 50 Resp: 98690

Ion Ratio Lower Upper

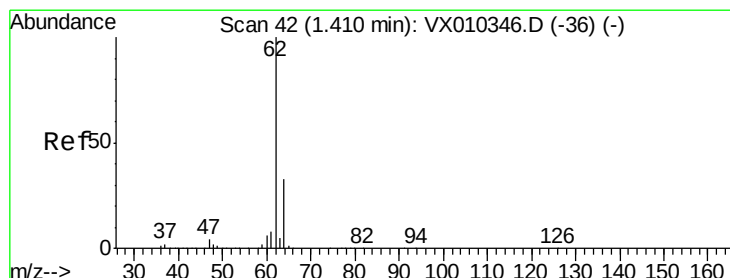
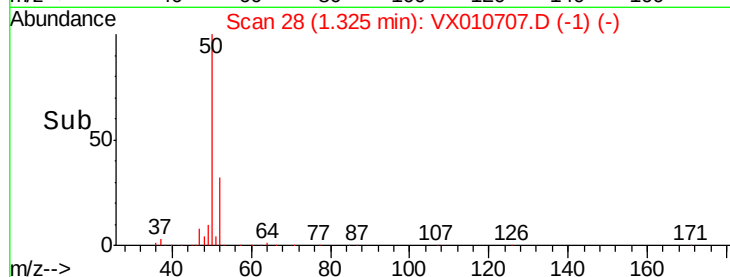
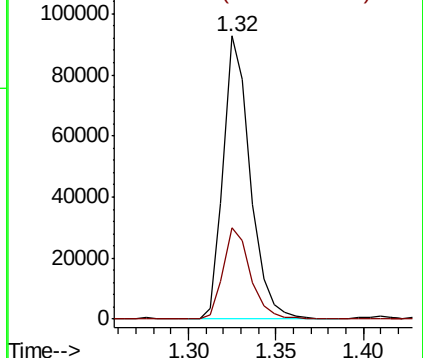
50 100

52 32.4 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: 53.696 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010707.D

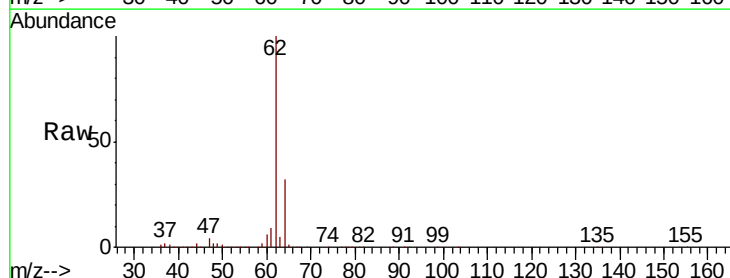
Acq: 08 Jul 2019 19:42

Tgt Ion: 62 Resp: 110396

Ion Ratio Lower Upper

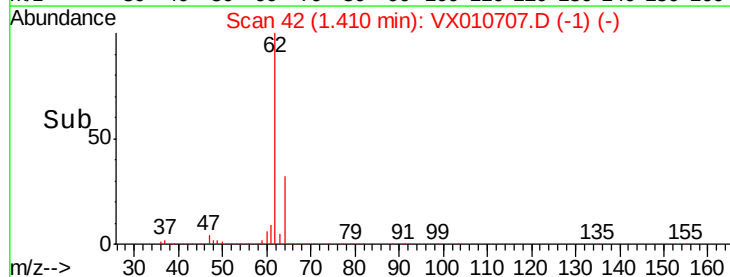
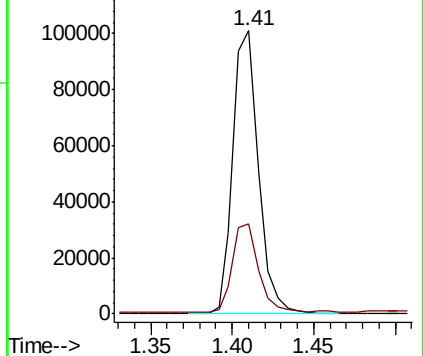
62 100

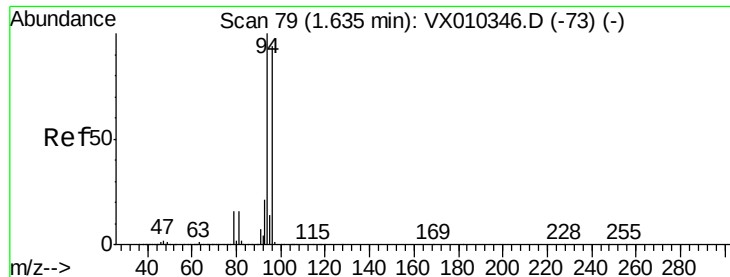
64 31.4 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.024 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

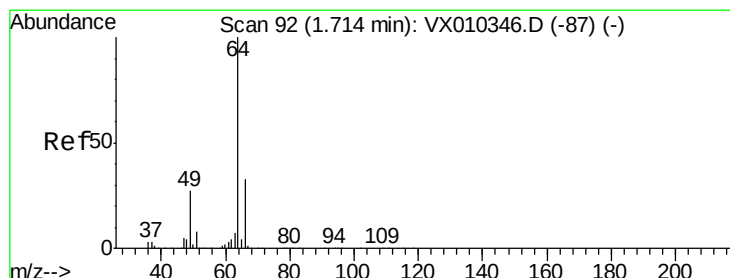
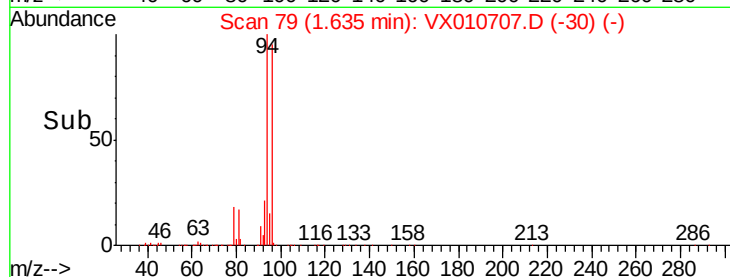
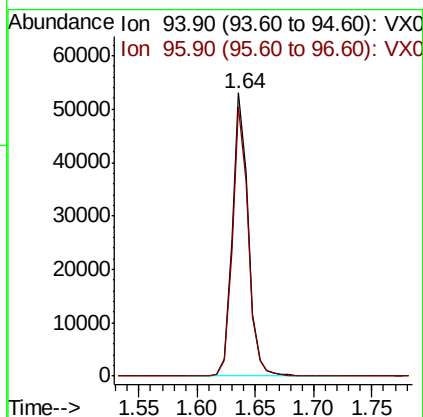
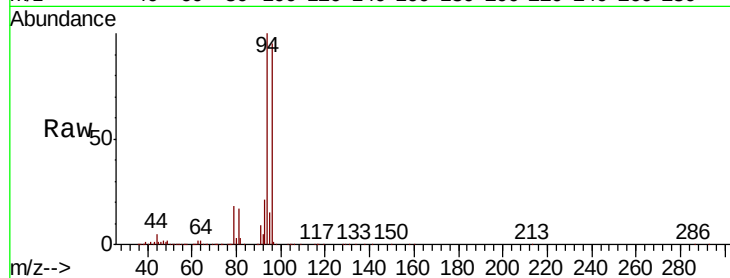
SS038RW151-190702MS

Tot Ion: 94 Resp: 50105

Ion Ratio Lower Upper

94 100

96 95.3 75.5 113.3



#6

Chloroethane

Concen: 55.738 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010707.D

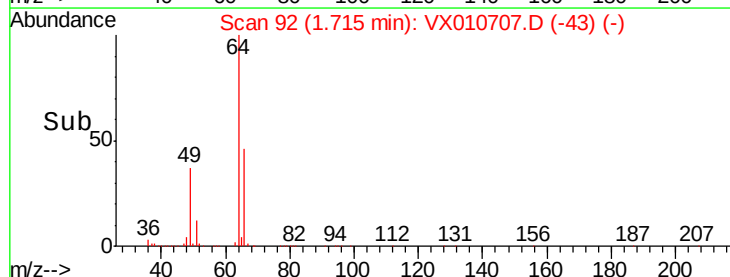
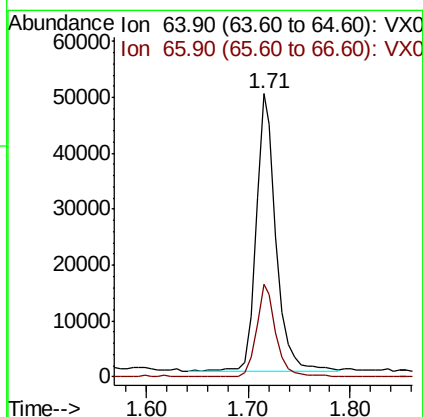
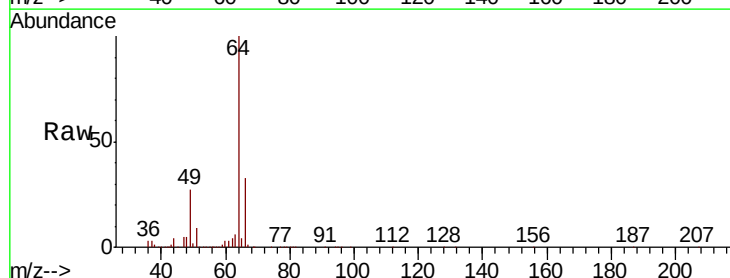
Acq: 08 Jul 2019 19:42

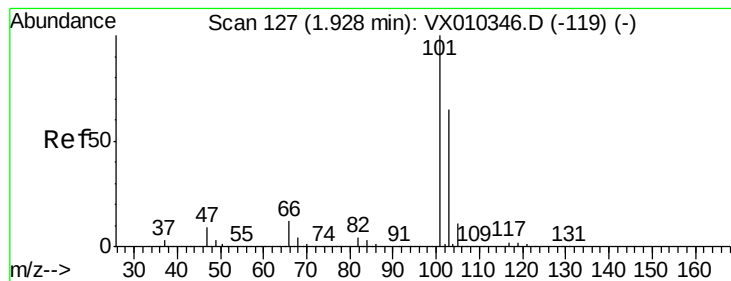
Tgt Ion: 64 Resp: 67609

Ion Ratio Lower Upper

64 100

66 32.8 26.6 40.0



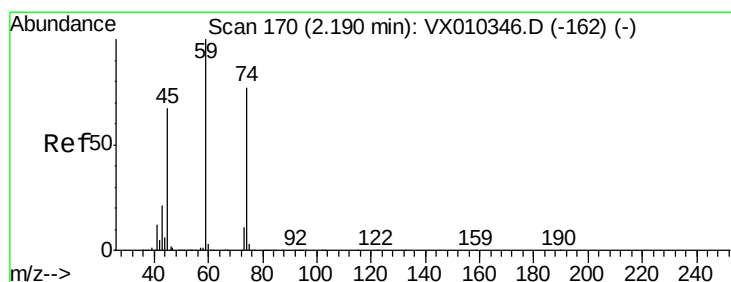
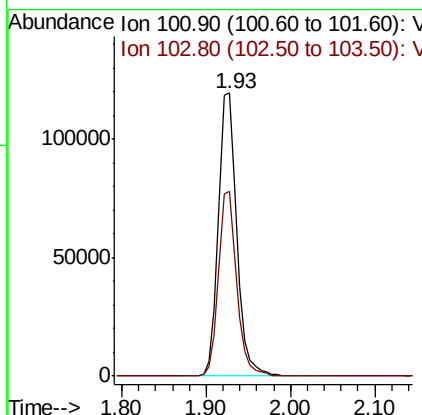
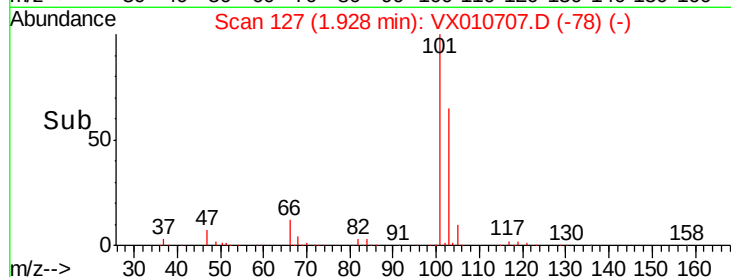
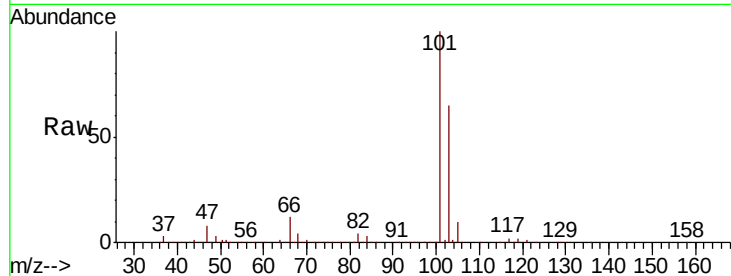


#7

Trichlorofluoromethane
Concen: 56.019 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

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MSVOA_X
ClientSampleId :
SS038RW151-190702MS

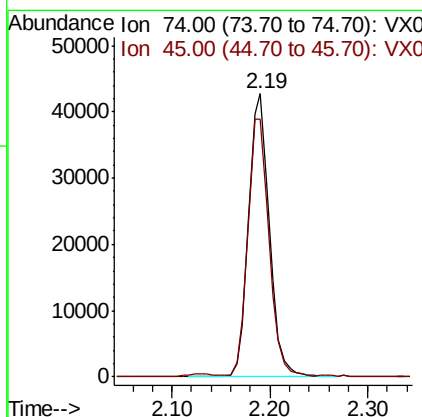
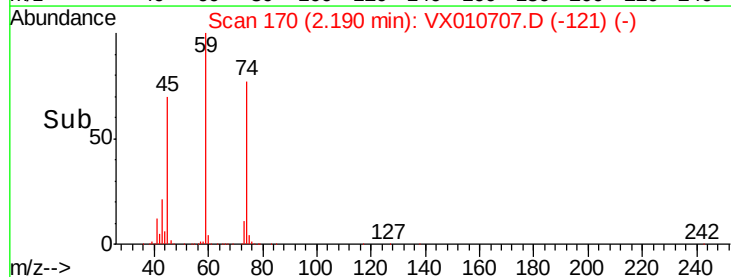
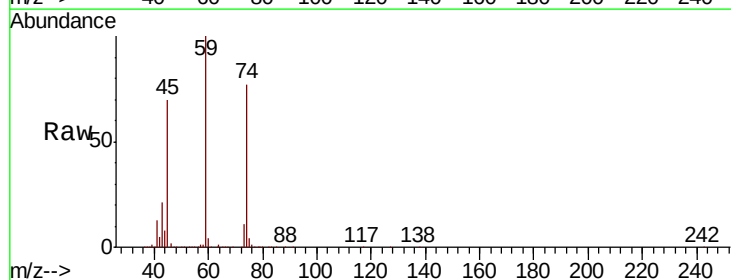
Tot Ion:101 Resp: 182577
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

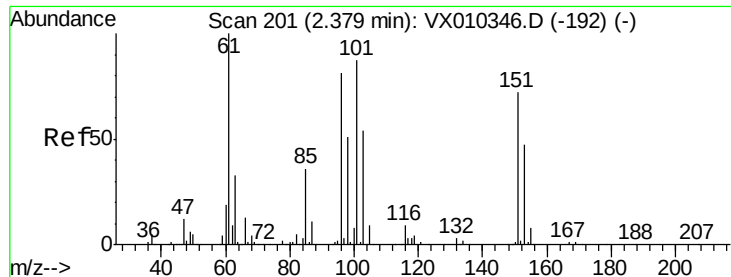


#8

Diethyl Ether
Concen: 53.996 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion: 74 Resp: 63110
Ion Ratio Lower Upper
74 100
45 92.2 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.082 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

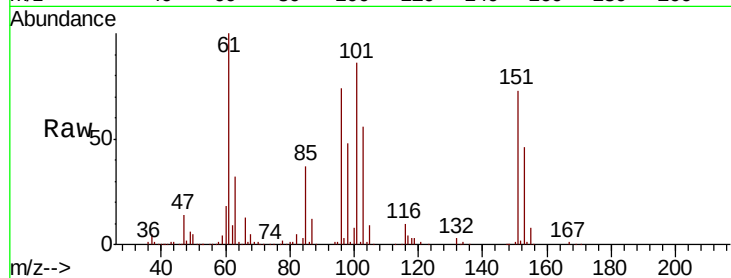
Tot Ion:101 Resp: 100891

Ion Ratio Lower Upper

101 100

85 43.3 33.7 50.5

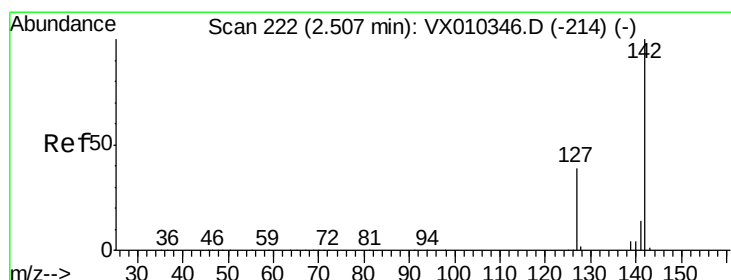
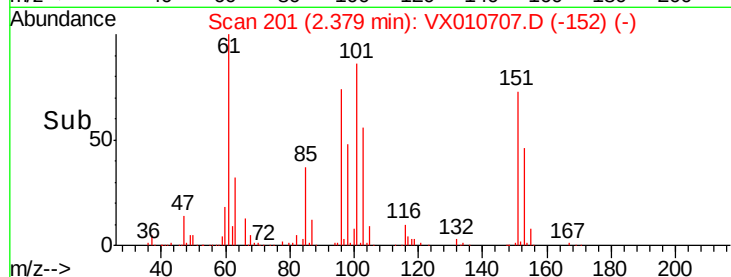
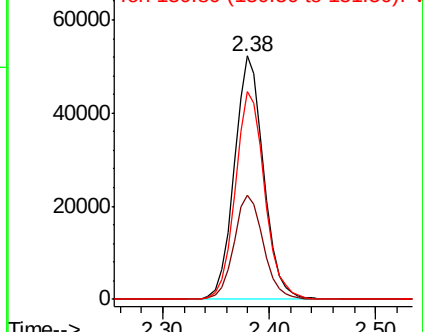
151 85.8 70.1 105.1



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: 45.883 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

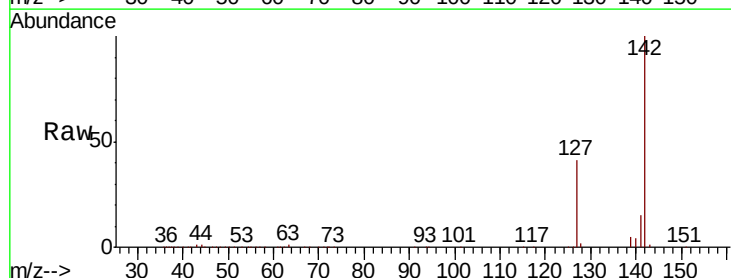
Tgt Ion:142 Resp: 129331

Ion Ratio Lower Upper

142 100

127 41.1 31.1 46.7

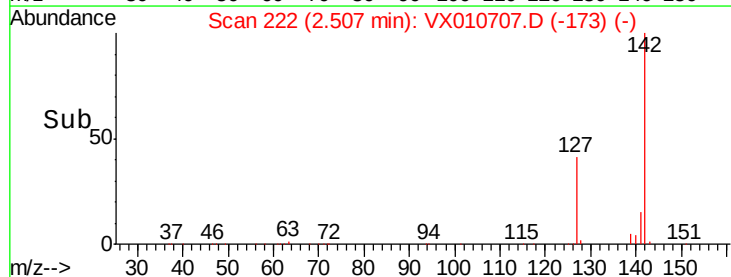
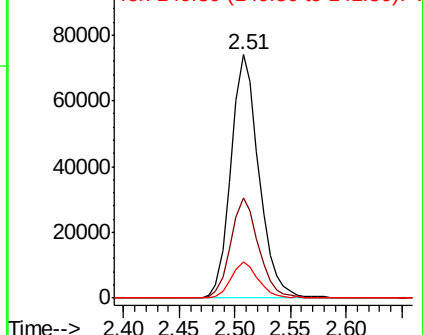
141 14.5 11.2 16.8

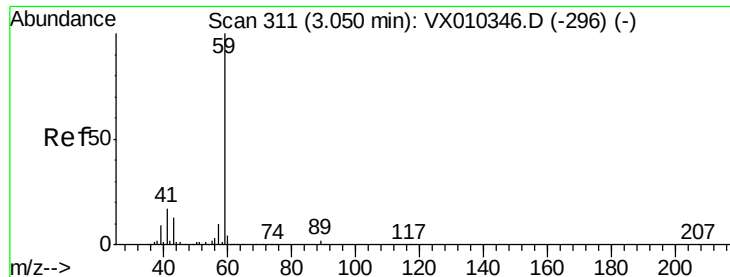


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

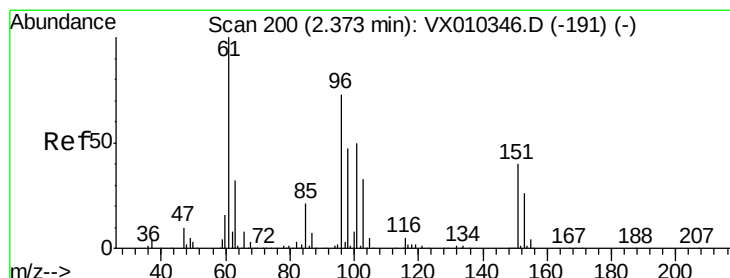
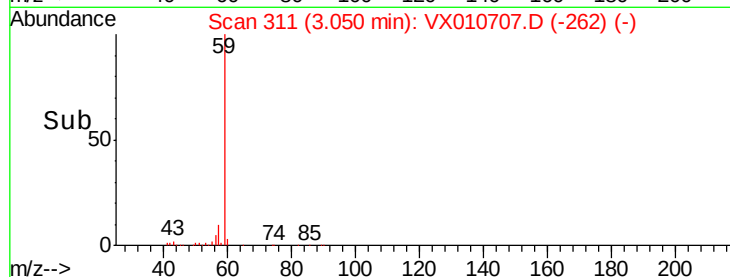
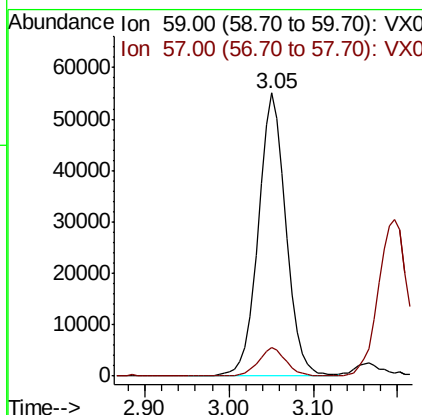
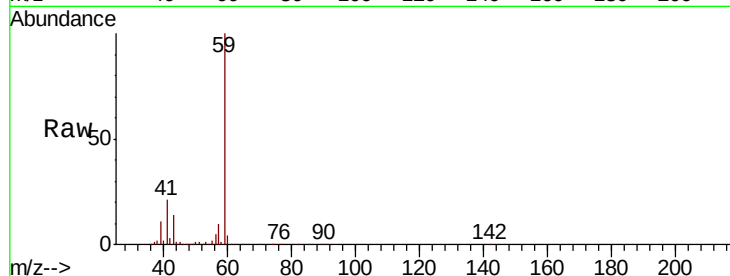




#11
Tert butyl alcohol
Concen: 218.256 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

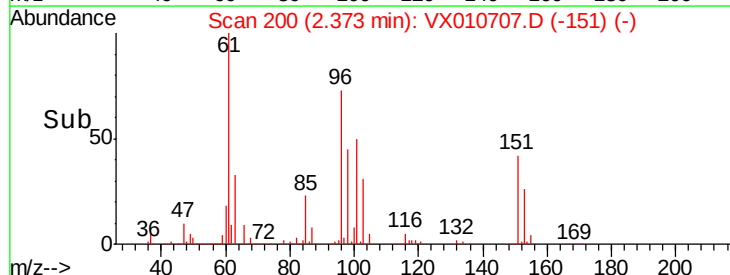
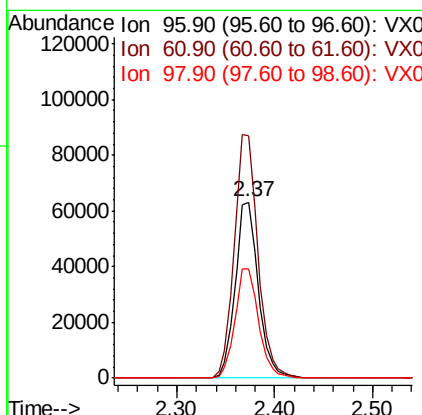
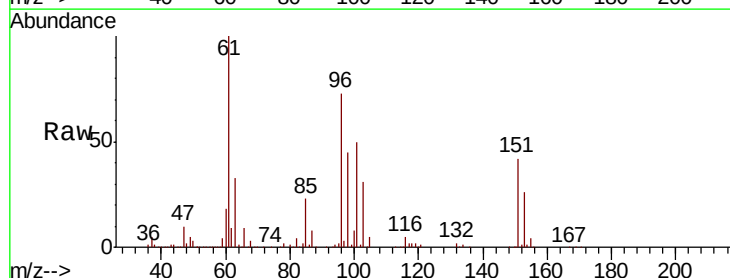
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

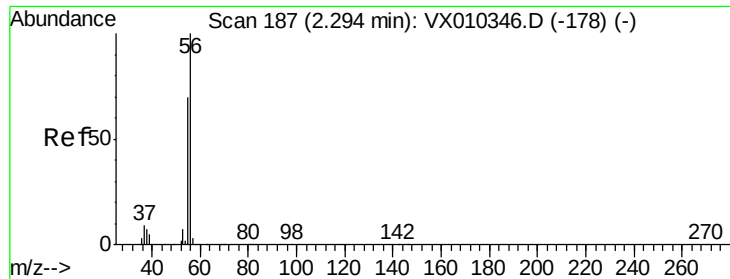
Tot Ion: 59 Resp: 124157
Ion Ratio Lower Upper
59 100
57 9.9 7.7 11.5



#12
1,1-Dichloroethene
Concen: 51.588 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion: 96 Resp: 103679
Ion Ratio Lower Upper
96 100
61 137.3 109.2 163.8
98 62.1 51.1 76.7





#13

Acrolein

Concen: 227.773 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

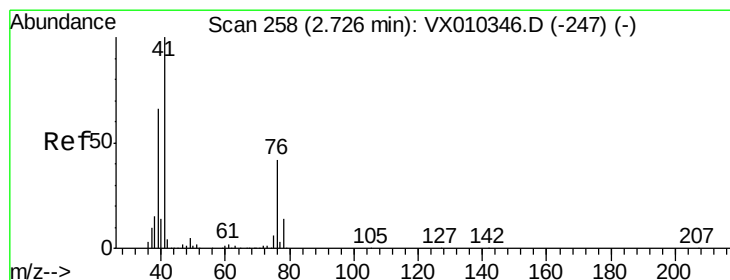
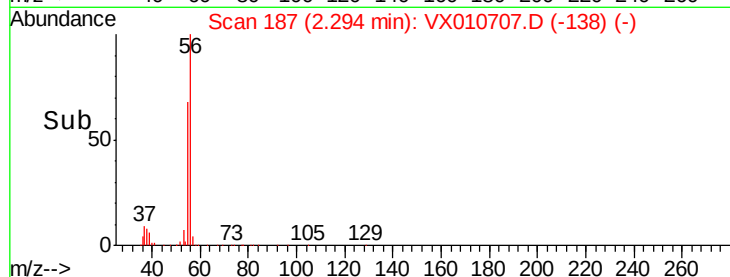
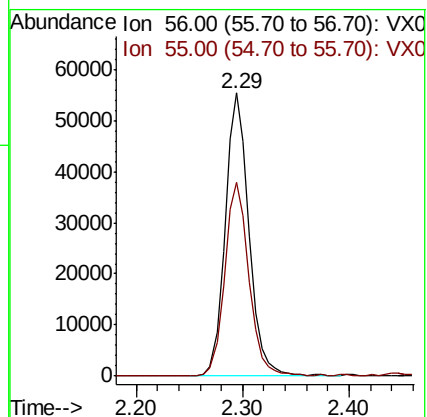
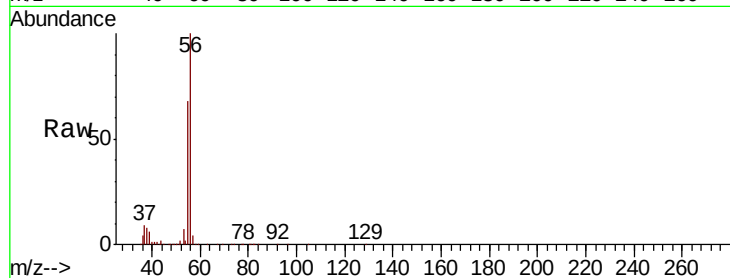
SS038RW151-190702MS

Tot Ion: 56 Resp: 85954

Ion Ratio Lower Upper

56 100

55 70.2 56.9 85.3



#14

Allyl chloride

Concen: 52.411 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

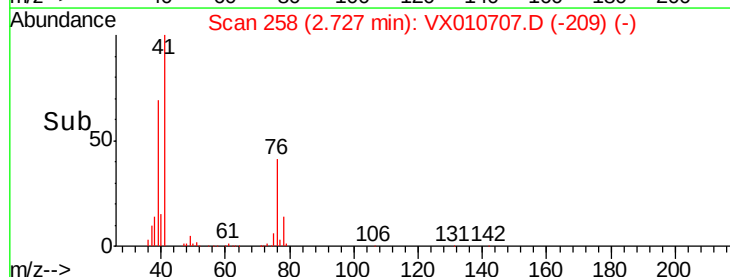
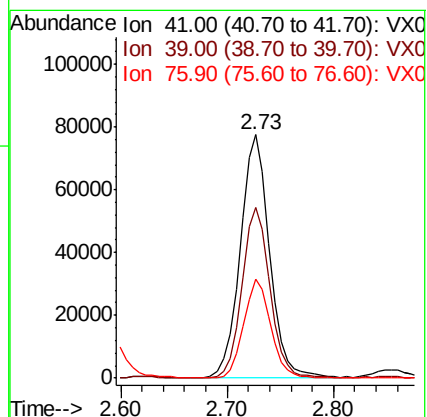
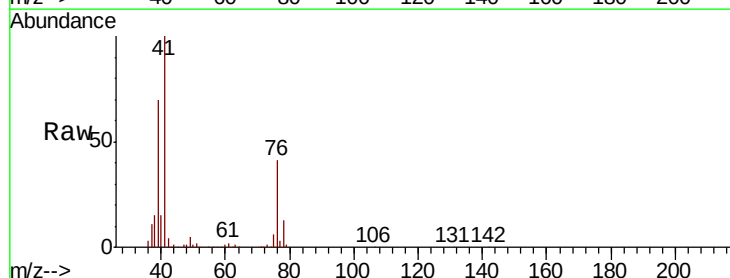
Tgt Ion: 41 Resp: 149543

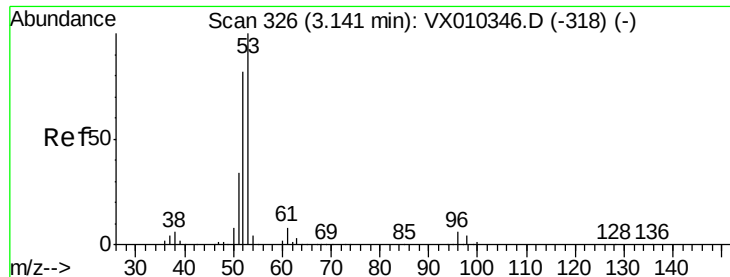
Ion Ratio Lower Upper

41 100

39 66.6 50.3 75.5

76 37.4 31.3 46.9





#15

Acrylonitrile

Concen: 265.056 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

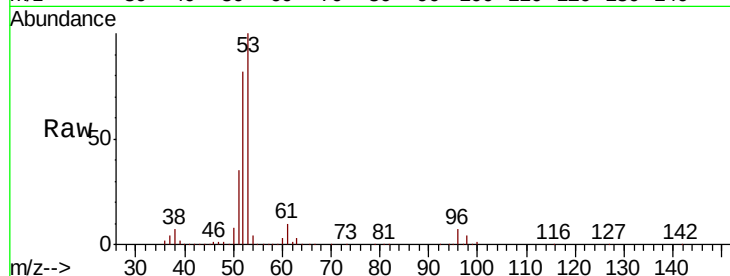
Tot Ion: 53 Resp: 298526

Ion Ratio Lower Upper

53 100

52 82.3 65.5 98.3

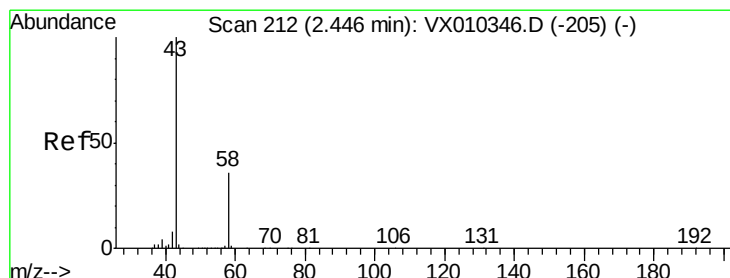
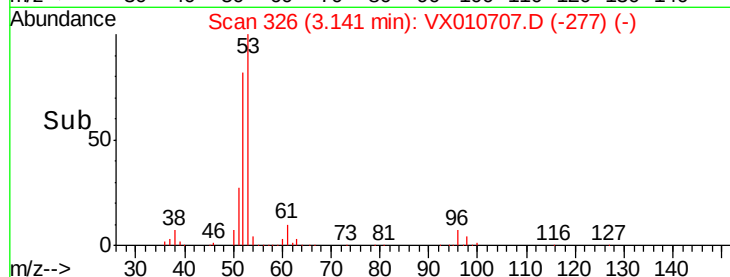
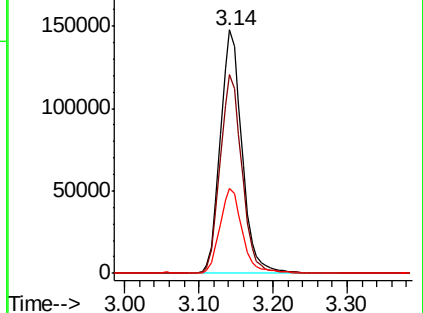
51 35.6 28.2 42.4



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: 221.497 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010707.D

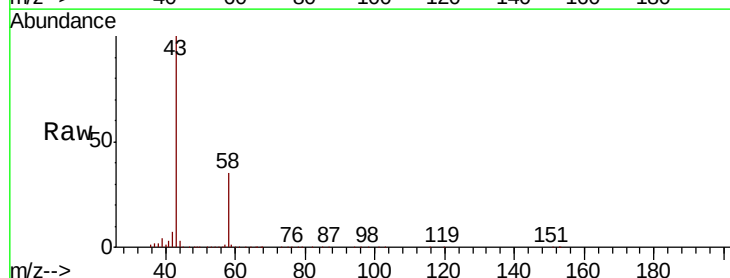
Acq: 08 Jul 2019 19:42

Tgt Ion: 43 Resp: 241328

Ion Ratio Lower Upper

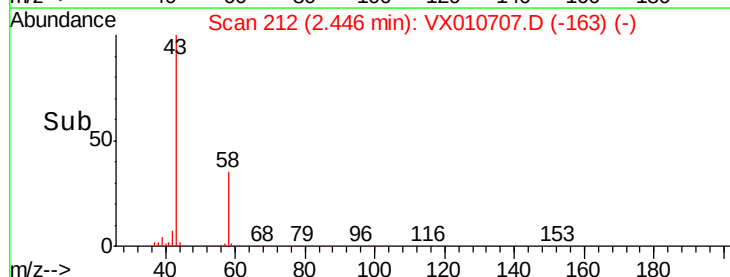
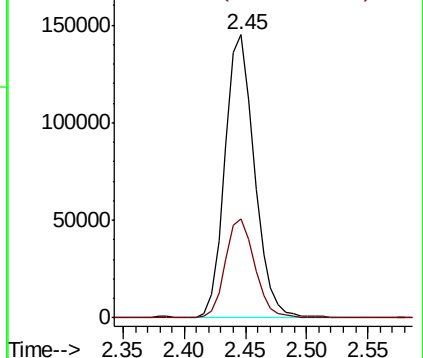
43 100

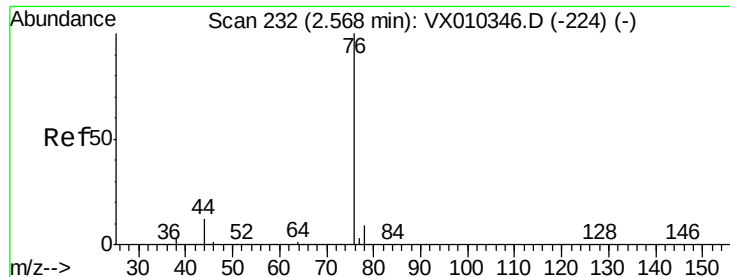
58 34.9 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

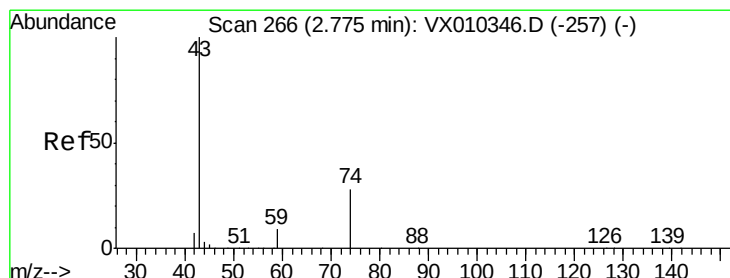
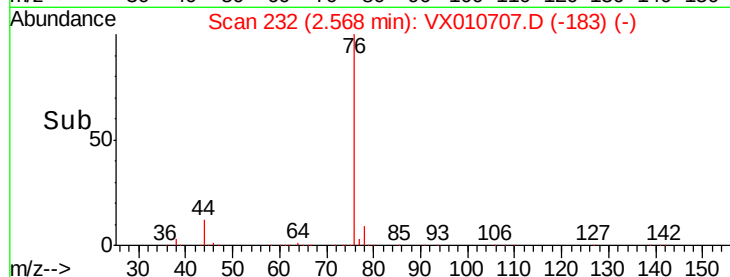
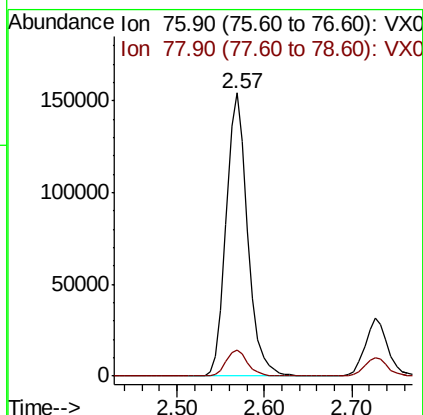
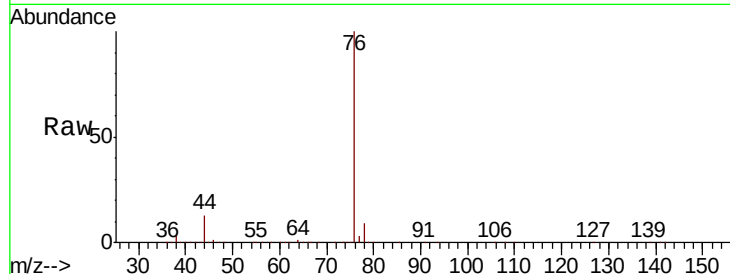




#17
Carbon Disulfide
Concen: 48.604 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

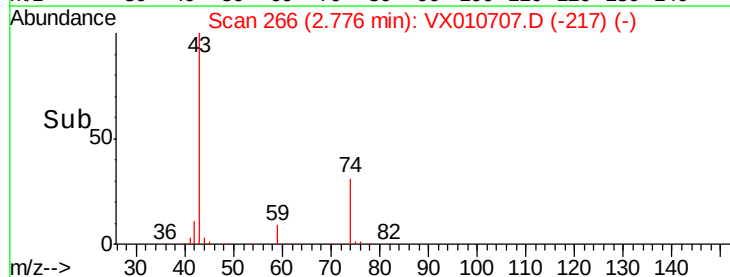
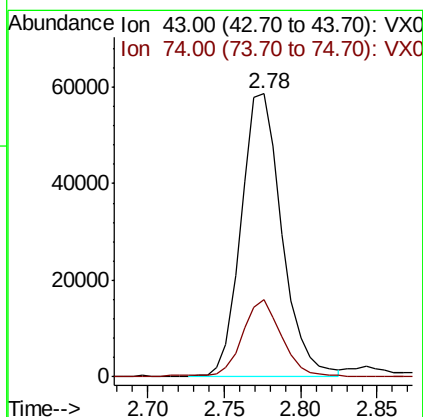
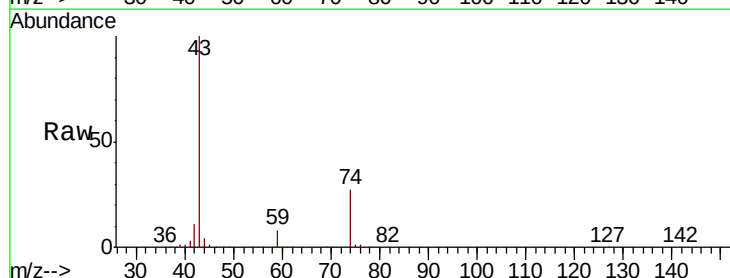
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

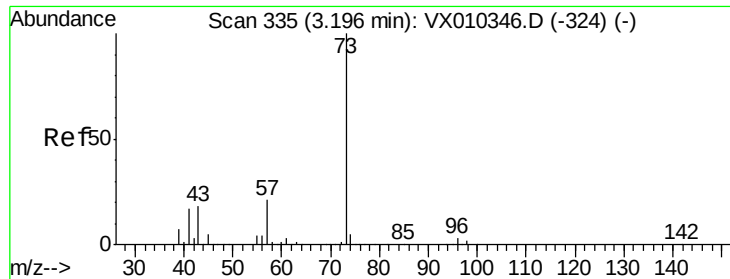
Tot Ion: 76 Resp: 262070
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 49.838 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion: 43 Resp: 108222
Ion Ratio Lower Upper
43 100
74 26.9 21.3 31.9

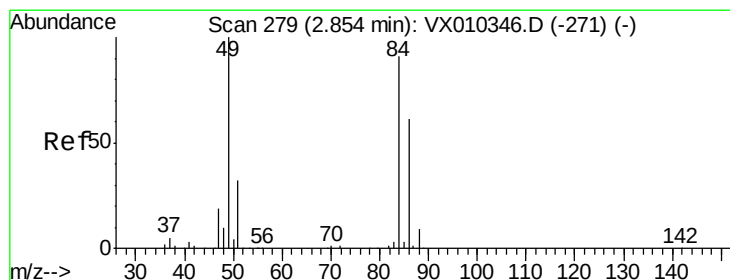
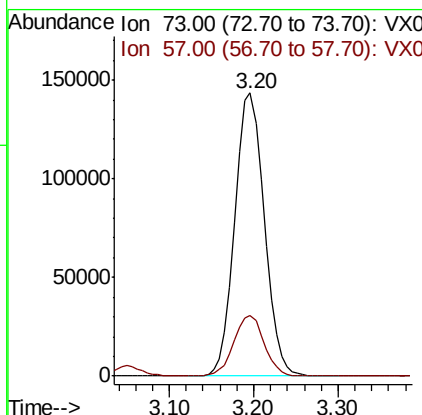
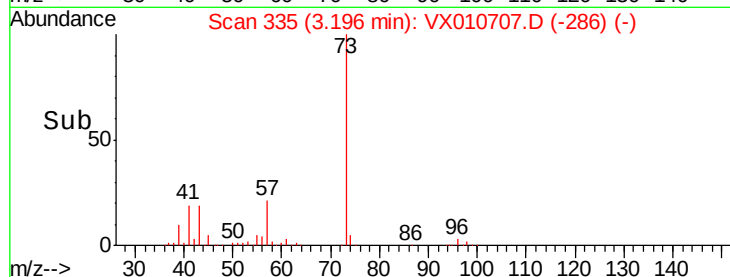
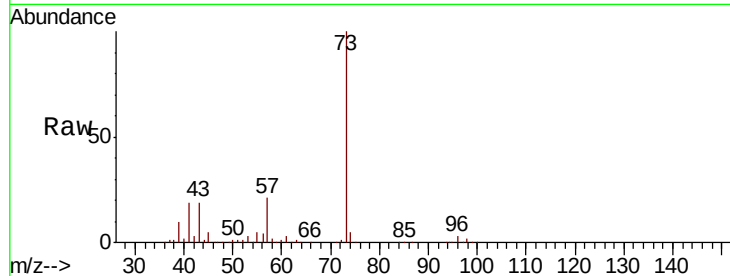




#19
Methyl tert-butyl Ether
Concen: 53.768 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

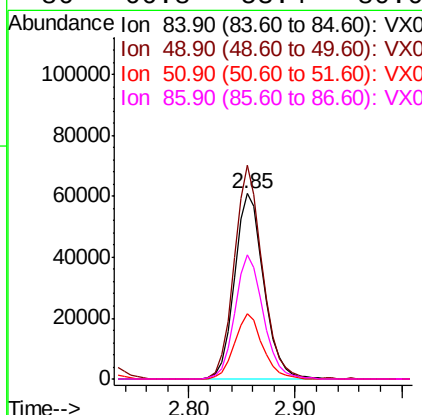
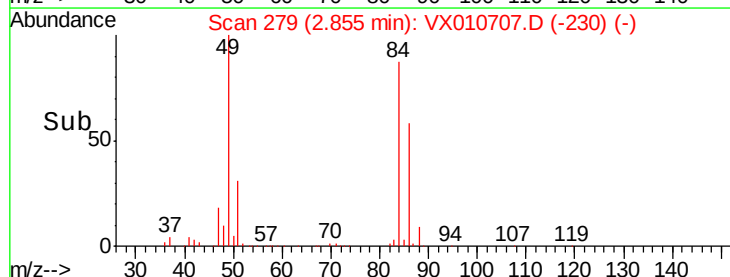
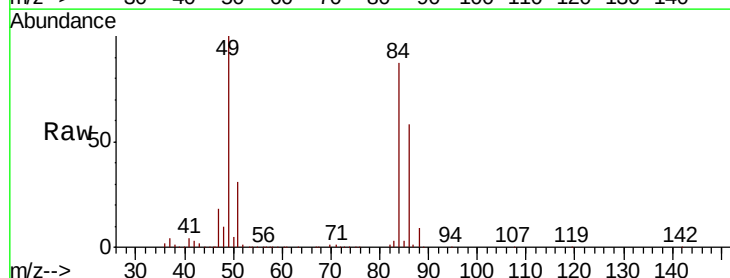
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

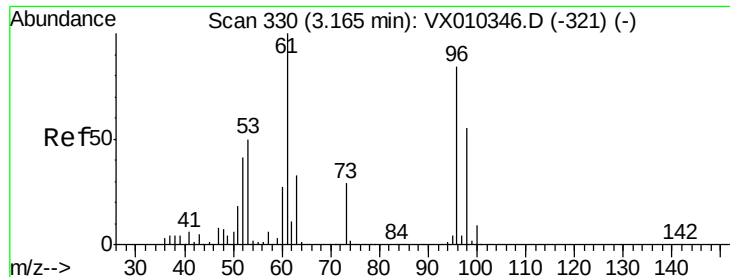
Tot Ion: 73 Resp: 339949
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6



#20
Methylene Chloride
Concen: 52.398 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion: 84 Resp: 117486
Ion Ratio Lower Upper
84 100
49 115.3 87.5 131.3
51 35.3 27.7 41.5
86 66.8 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 51.696 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

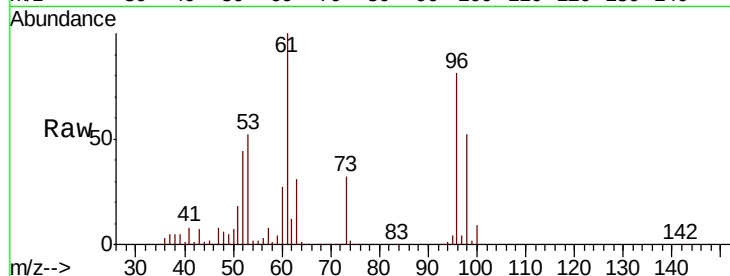
Tot Ion: 96 Resp: 111742

Ion Ratio Lower Upper

96 100

61 123.5 95.6 143.4

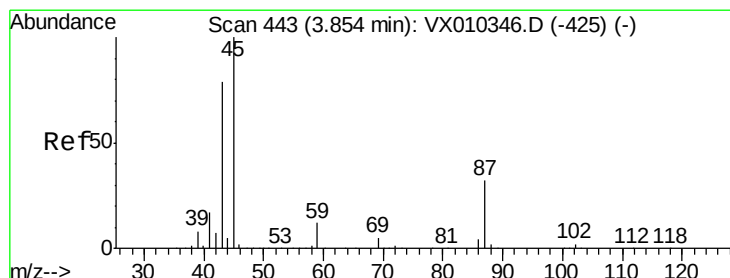
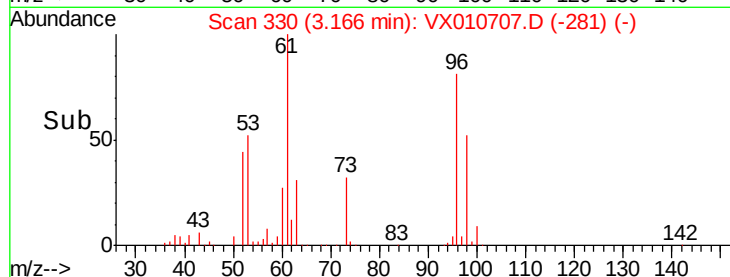
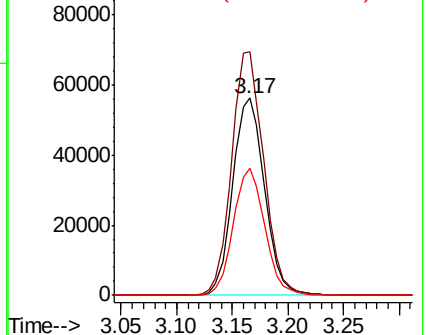
98 64.3 52.5 78.7



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: 53.763 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Tgt Ion: 45 Resp: 320726

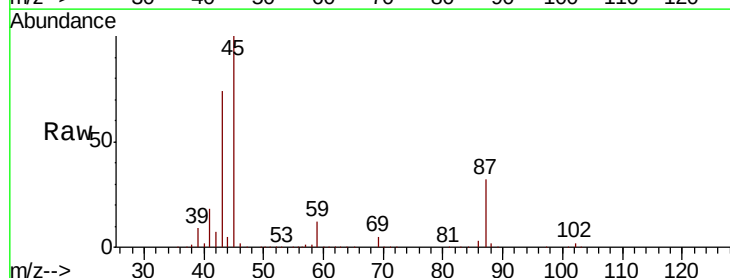
Ion Ratio Lower Upper

45 100

43 73.6 63.3 94.9

87 32.4 25.8 38.8

59 12.3 9.6 14.4

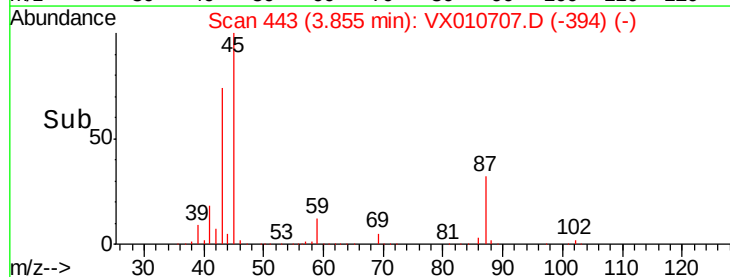
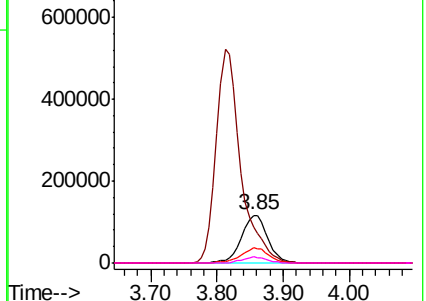


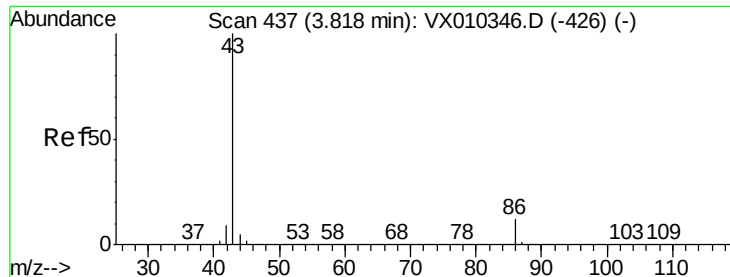
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 260.996 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

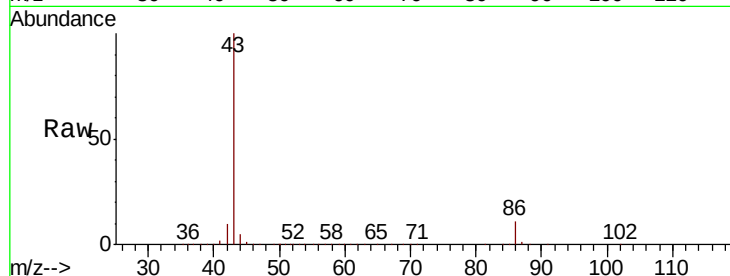
SS038RW151-190702MS

Tot Ion: 43 Resp: 1345072

Ion Ratio Lower Upper

43 100

86 11.2 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

500000

400000

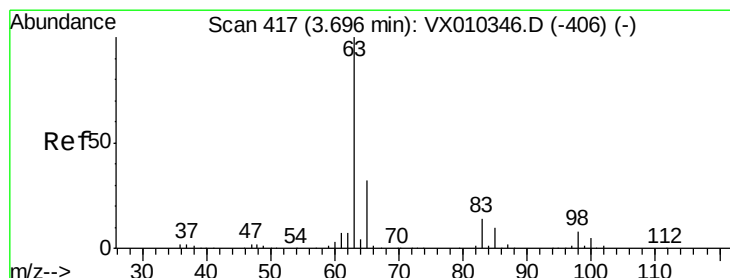
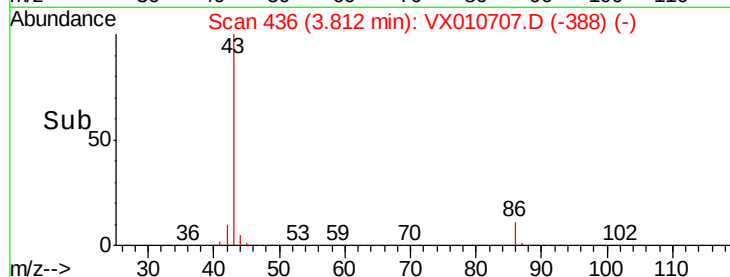
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.054 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

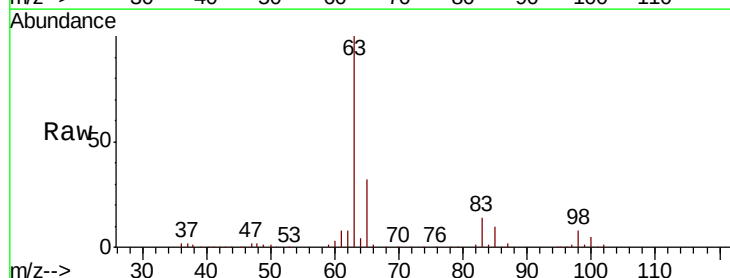
Tgt Ion: 63 Resp: 182946

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 4.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

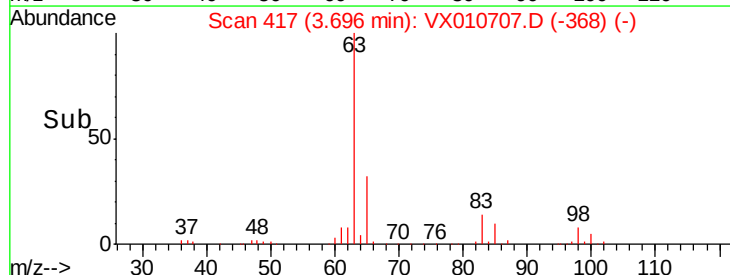
60000

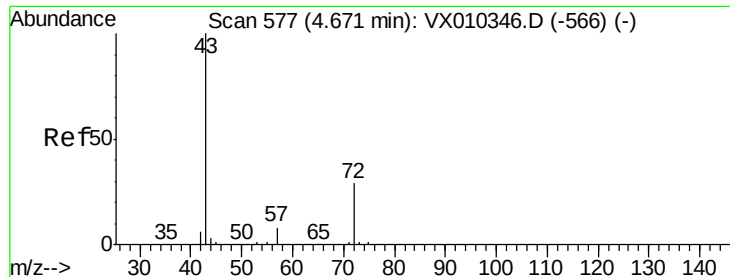
40000

20000

0

Time-->





#25

2-Butanone

Concen: 250.988 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

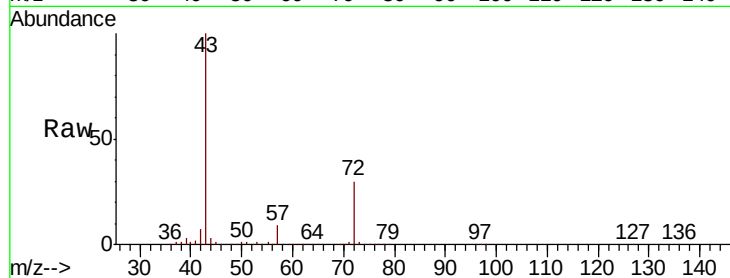
SS038RW151-190702MS

Tot Ion: 43 Resp: 401130

Ion Ratio Lower Upper

43 100

72 29.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

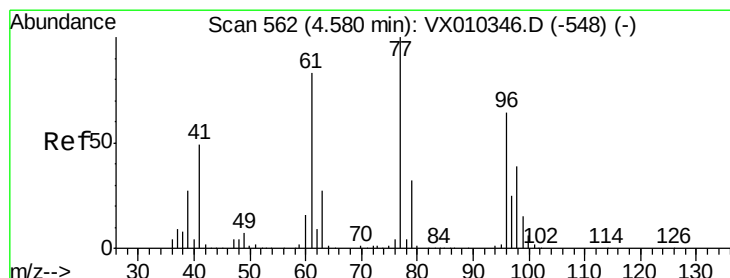
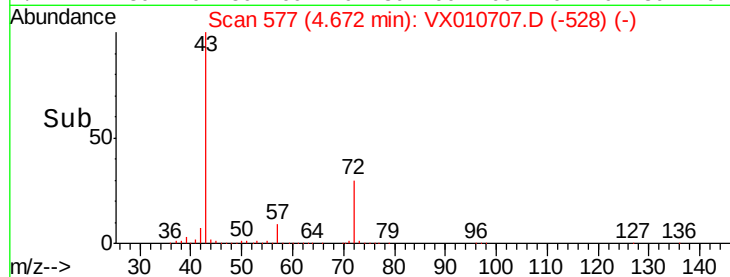
100000

50000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 42.172 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010707.D

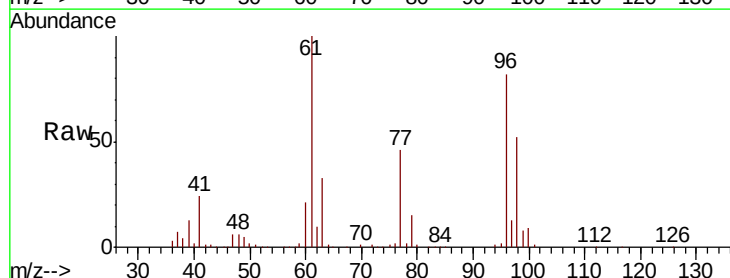
Acq: 08 Jul 2019 19:42

Tgt Ion: 77 Resp: 126328

Ion Ratio Lower Upper

77 100

97 28.5 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

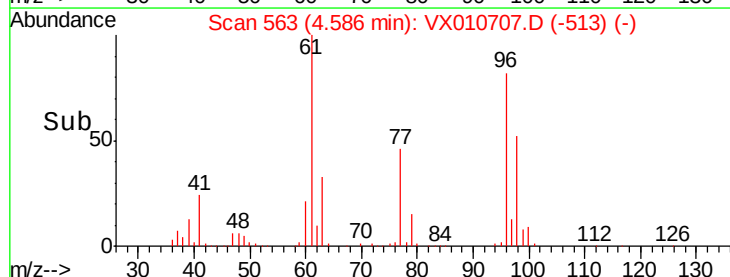
20000

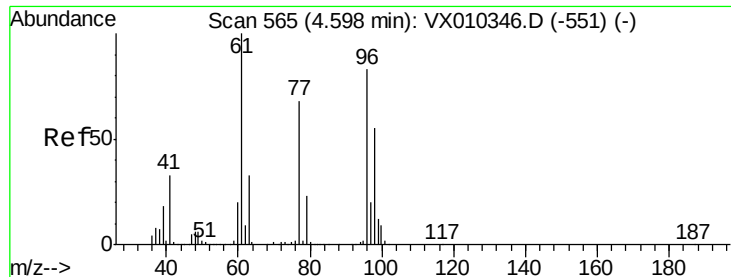
10000

0

4.40 4.50 4.59 4.70

Time-->



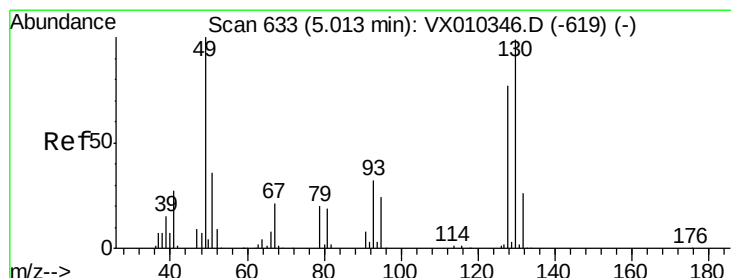
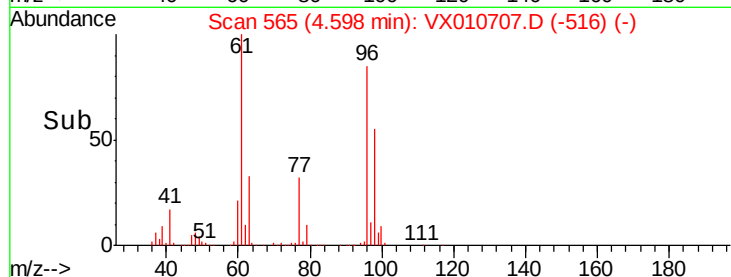
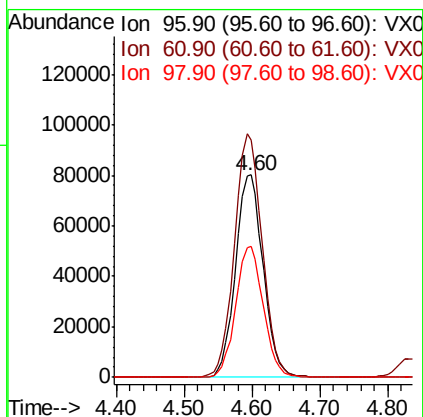
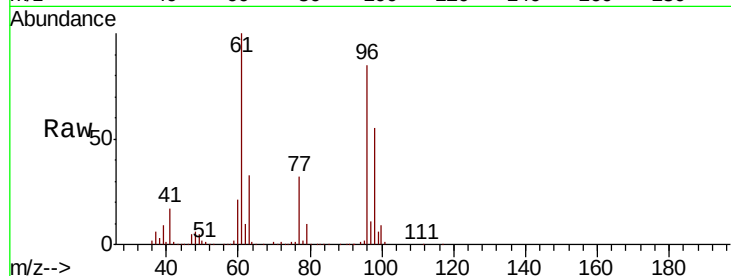


#27

cis-1,2-Dichloroethene
Concen: 90.725 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

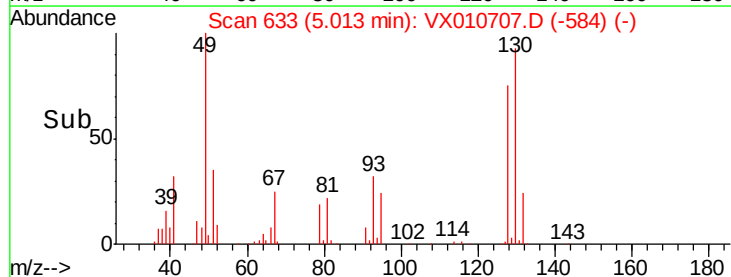
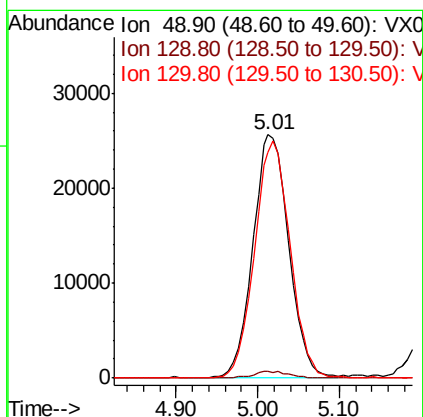
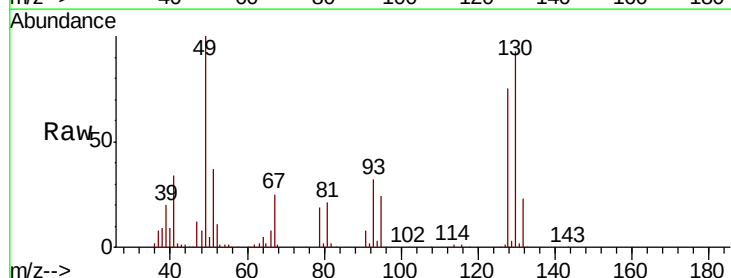
Tot Ion: 96 Resp: 226613
Ion Ratio Lower Upper
96 100
61 121.0 0.0 251.8
98 64.6 0.0 129.4

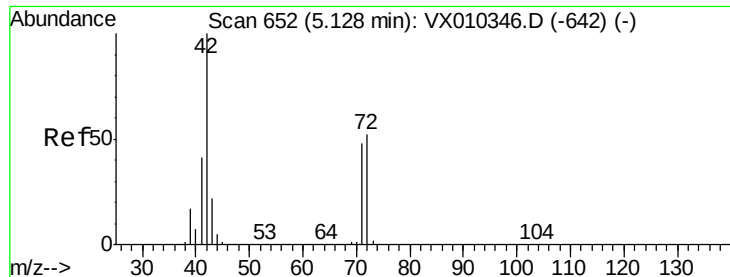


#28

Bromochloromethane
Concen: 47.767 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion: 49 Resp: 78754
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.6
130 96.2 81.4 122.0





#29

Tetrahydrofuran

Concen: 265.399 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

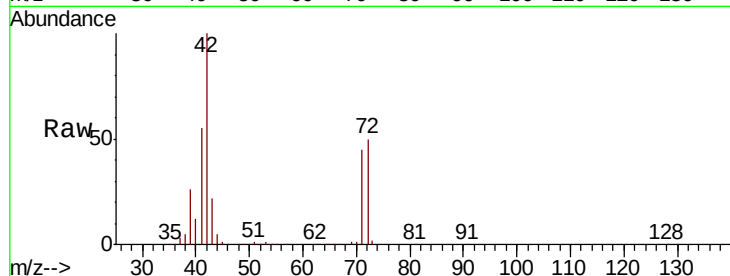
Tot Ion: 42 Resp: 262729

Ion Ratio Lower Upper

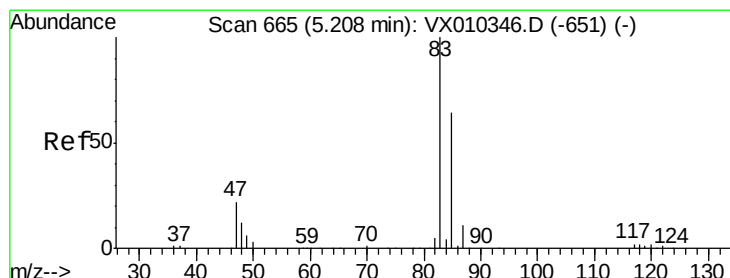
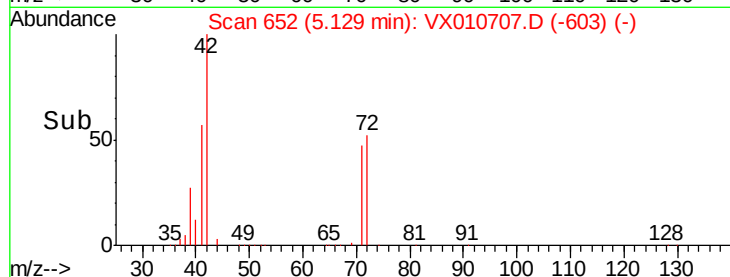
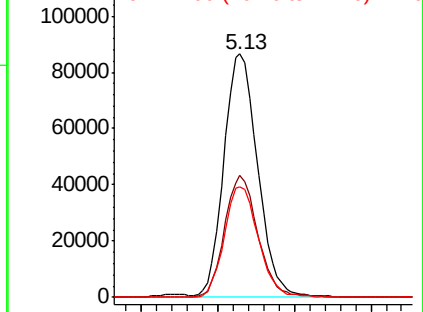
42 100

72 49.9 40.6 60.8

71 46.1 37.8 56.8



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



#30

Chloroform

Concen: 53.053 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010707.D

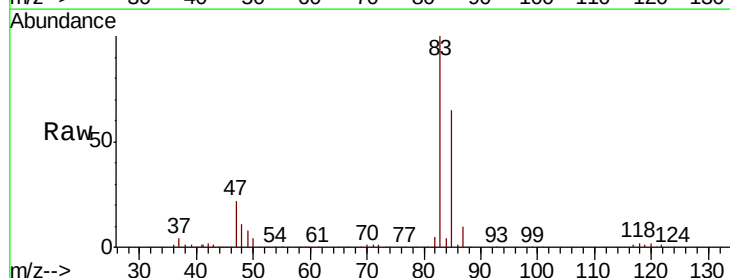
Acq: 08 Jul 2019 19:42

Tgt Ion: 83 Resp: 196838

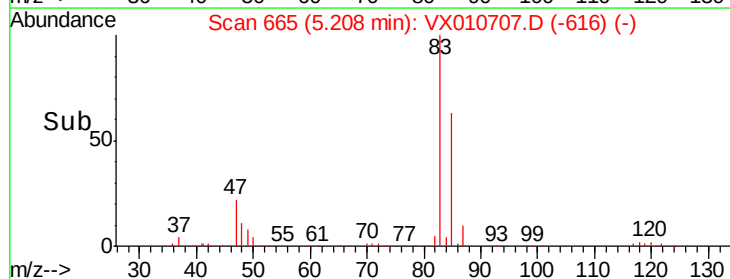
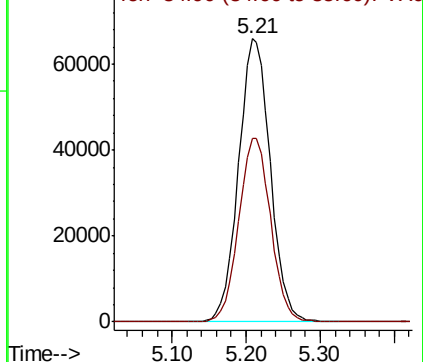
Ion Ratio Lower Upper

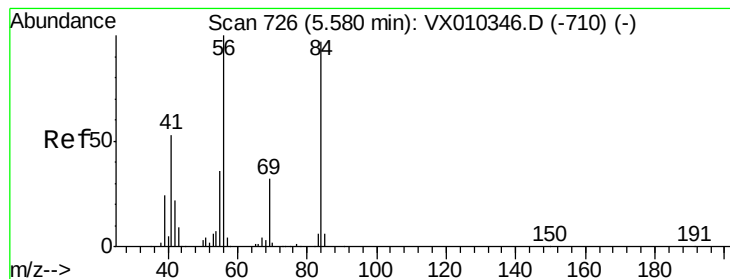
83 100

85 64.9 50.9 76.3



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





#31

Cyclohexane

Concen: 52.940 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

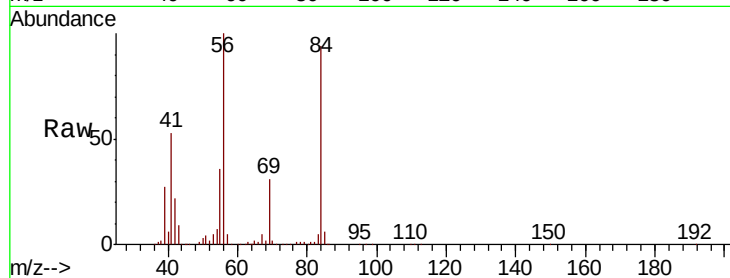
Tot Ion: 56 Resp: 166242

Ion Ratio Lower Upper

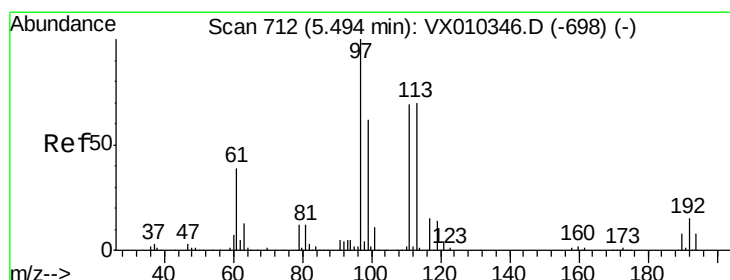
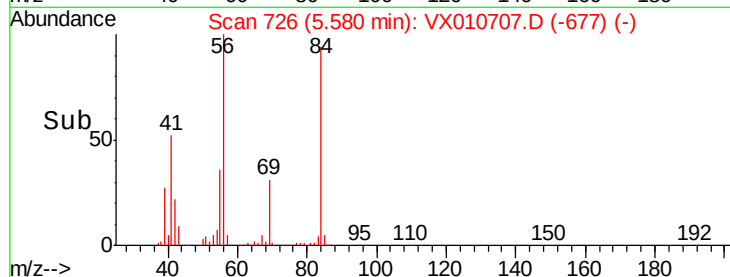
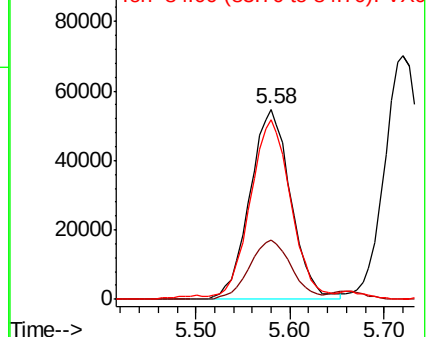
56 100

69 31.0 25.9 38.9

84 92.6 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: 52.918 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

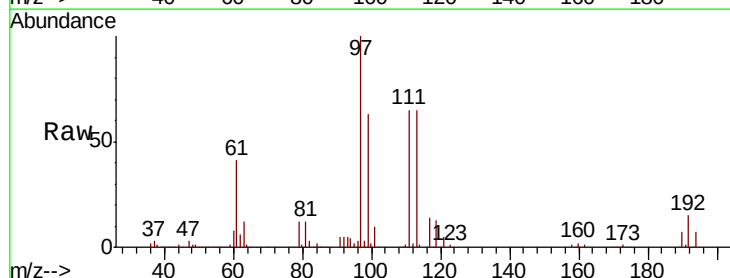
Tgt Ion: 97 Resp: 173362

Ion Ratio Lower Upper

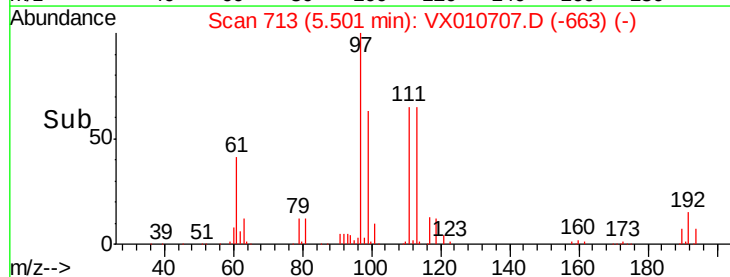
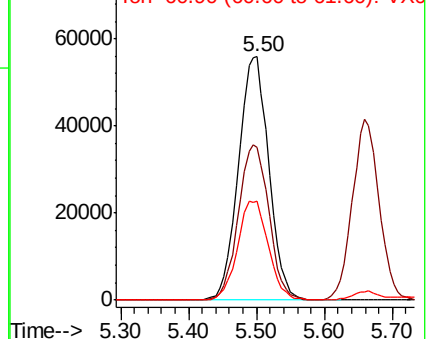
97 100

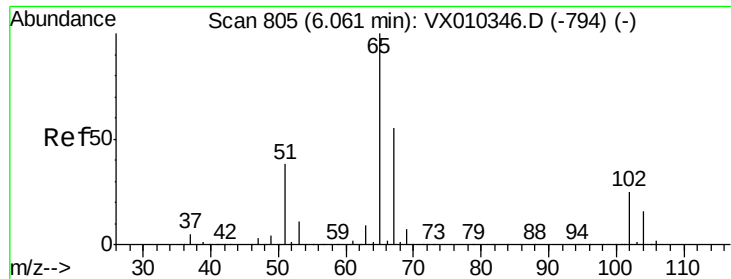
99 64.2 51.8 77.8

61 41.3 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

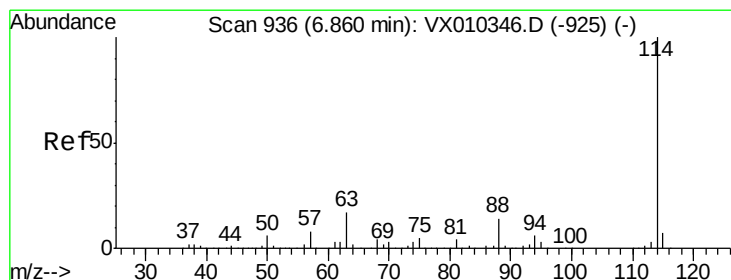
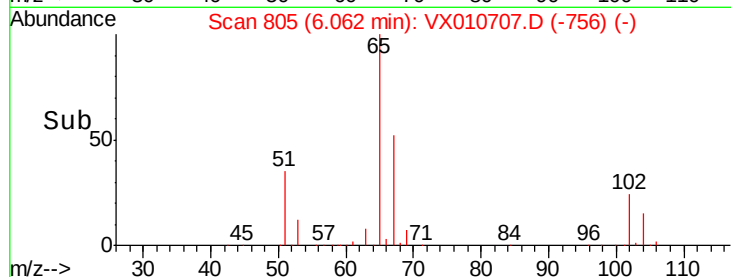
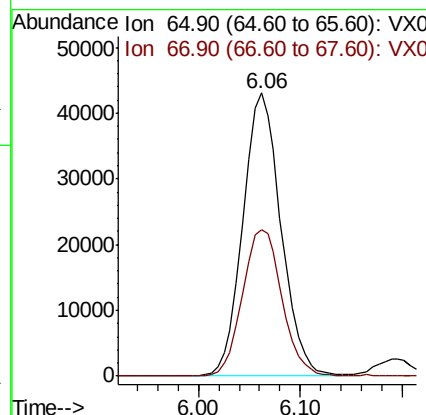
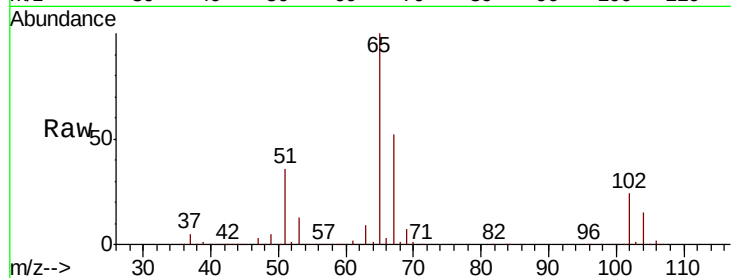




#33
 1,2-Dichloroethane-d4
 Concen: 51.406 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

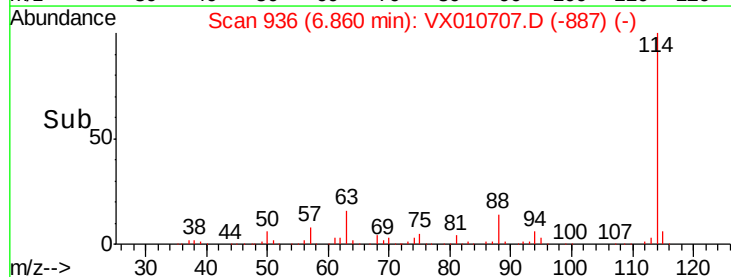
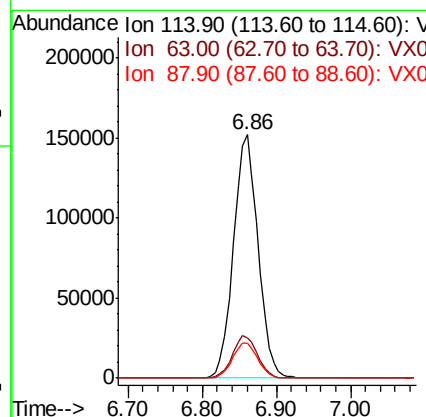
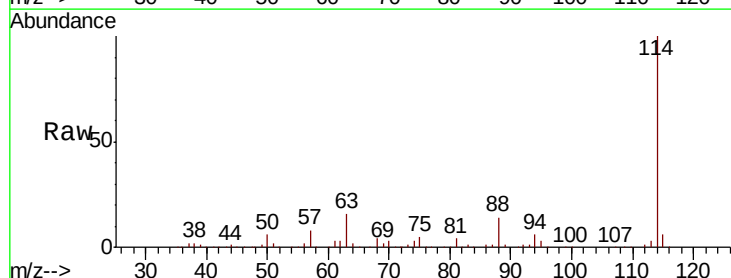
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

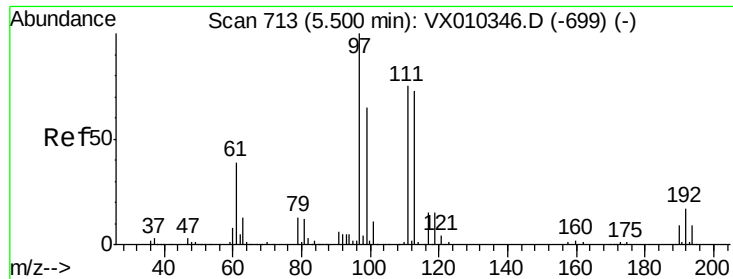
Tot Ion: 65 Resp: 111756
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion: 114 Resp: 351069
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 33.8
 88 14.2 0.0 27.6

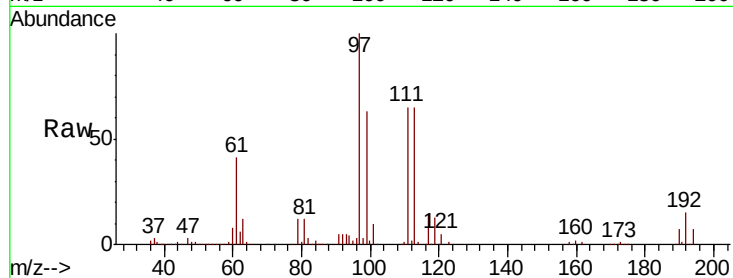




#35
 Dibromofluoromethane
 Concen: 48.205 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.2	121.8
192	23.1	18.6	27.8

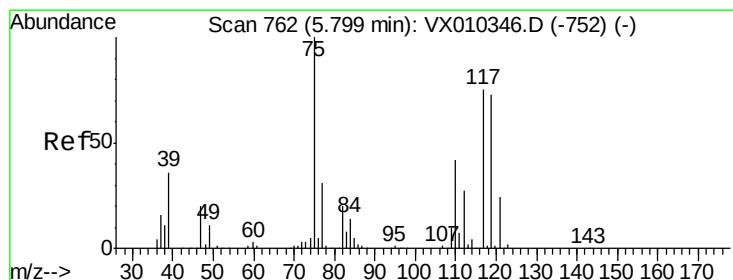
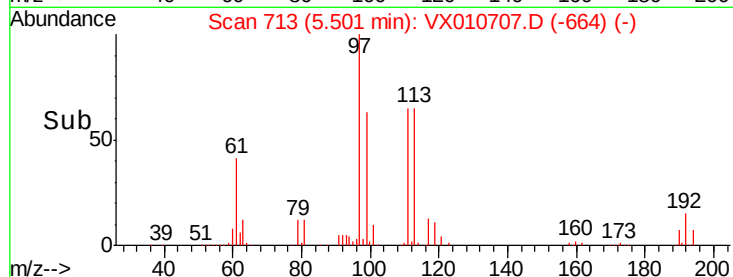
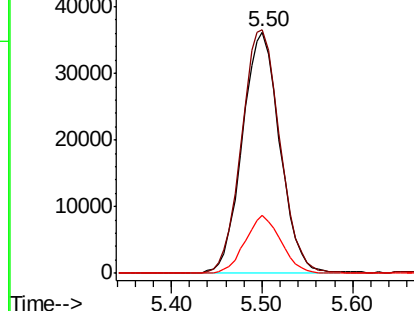


Abundance

Ion 112.80 (112.50 to 113.50): V

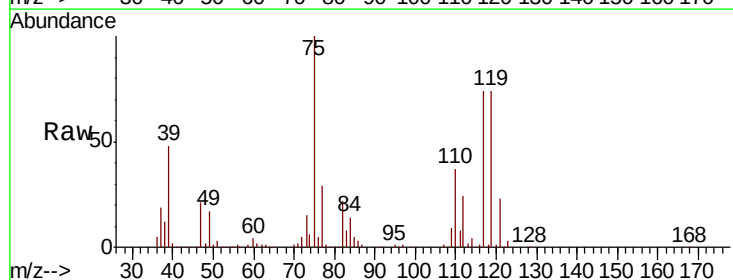
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 50.757 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.8	20.8	62.2
77	31.3	25.4	38.0

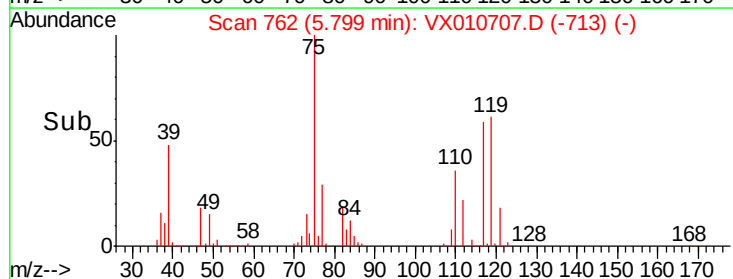
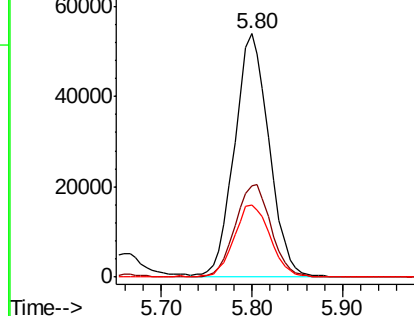


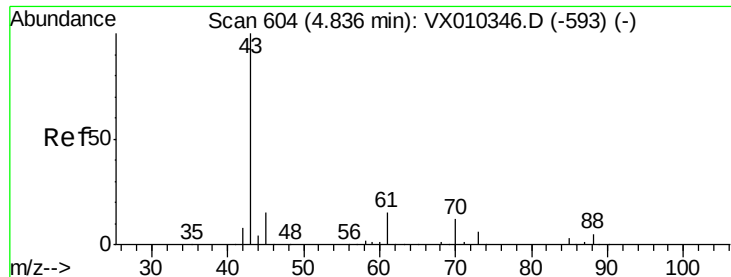
Abundance

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: 50.737 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

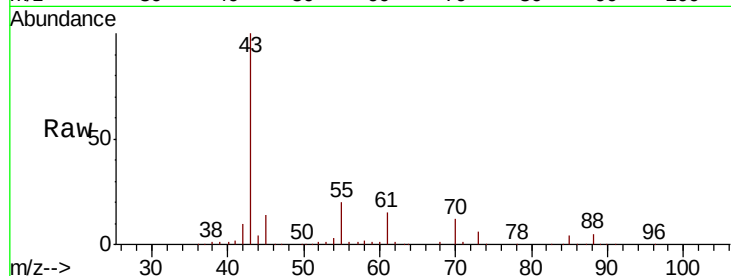
Tot Ion: 43 Resp: 145616

Ion Ratio Lower Upper

43 100

61 14.7 12.4 18.6

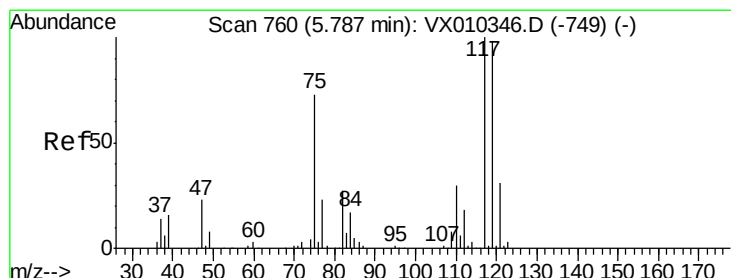
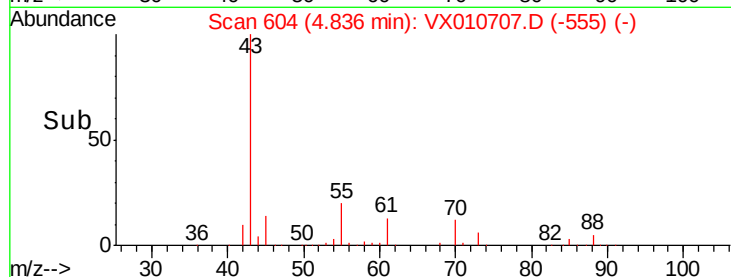
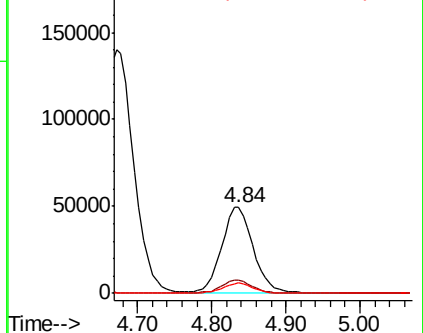
70 11.6 9.8 14.8



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: 50.485 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

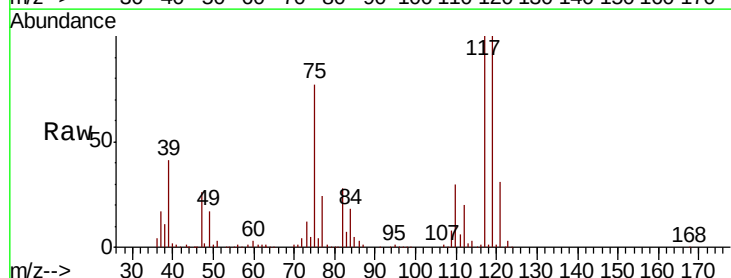
Tgt Ion: 117 Resp: 152513

Ion Ratio Lower Upper

117 100

119 99.6 78.2 117.4

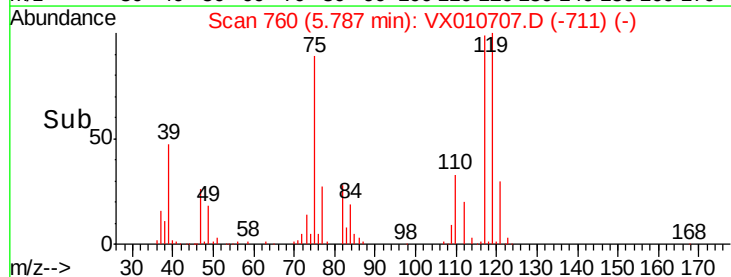
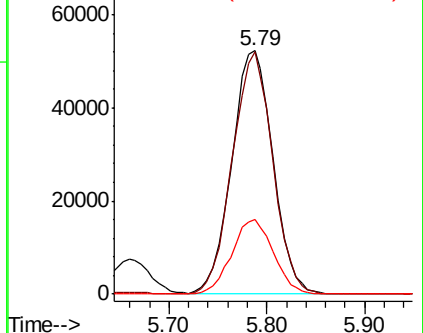
121 30.6 24.7 37.1

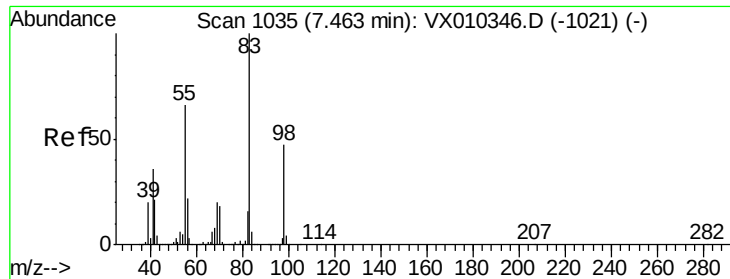


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

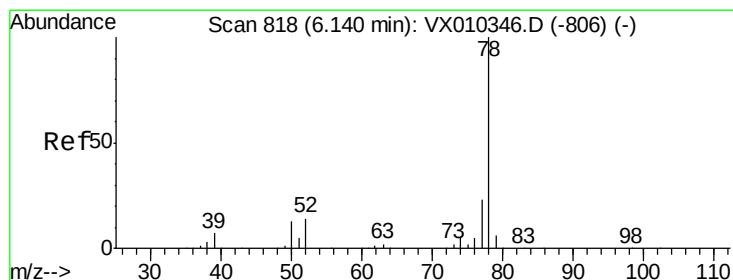
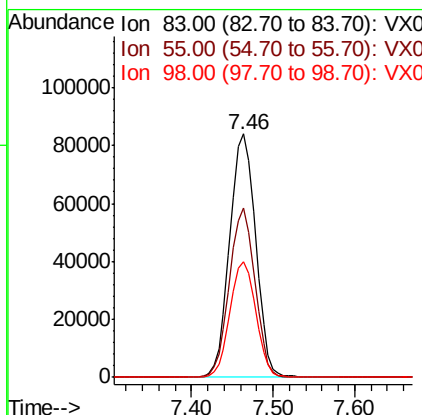
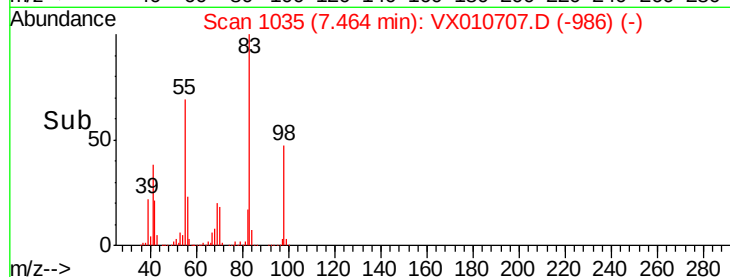
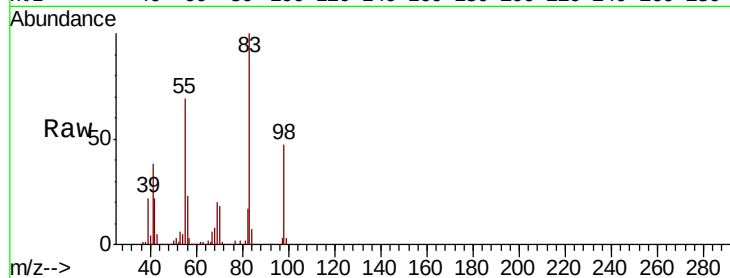




#39
Methylvlcyclohexane
Concen: 50.272 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

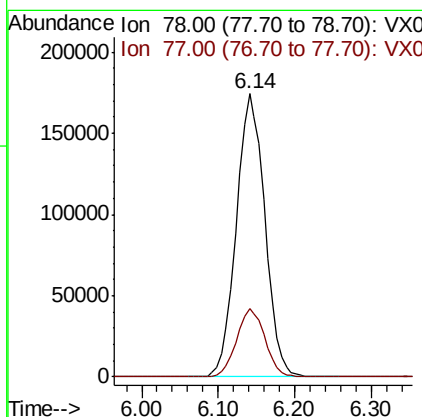
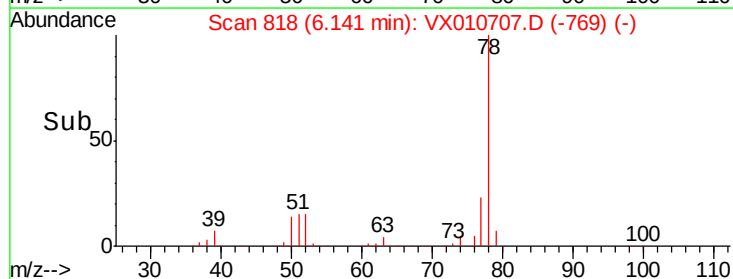
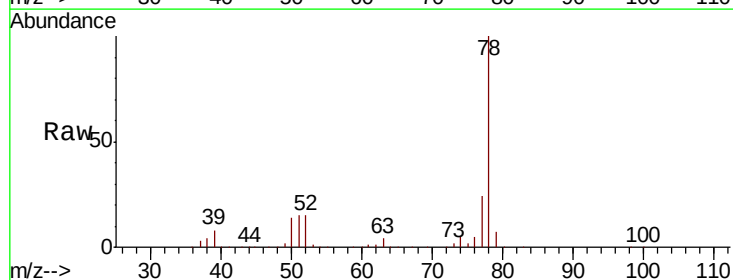
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

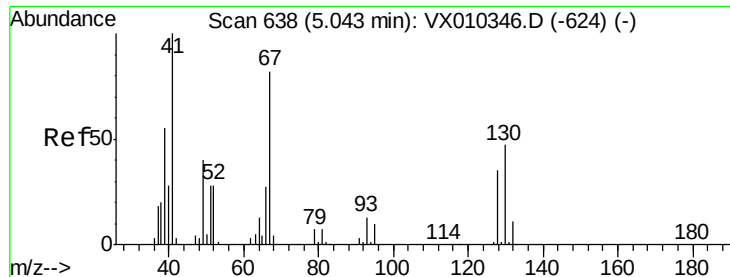
Tot Ion: 83 Resp: 184351
Ion Ratio Lower Upper
83 100
55 69.2 53.0 79.6
98 47.5 37.8 56.8



#40
Benzene
Concen: 51.714 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion: 78 Resp: 449475
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0

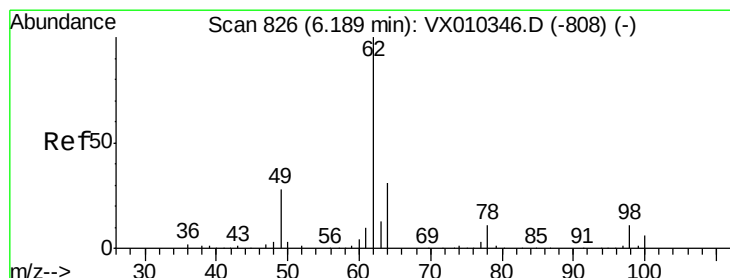
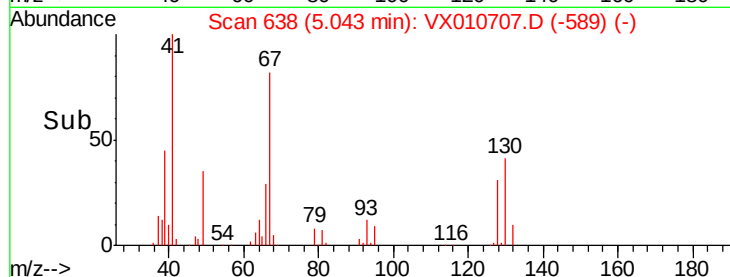
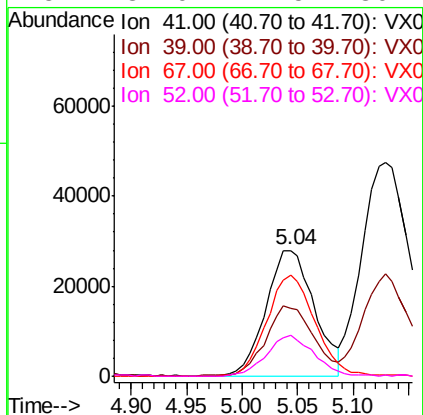
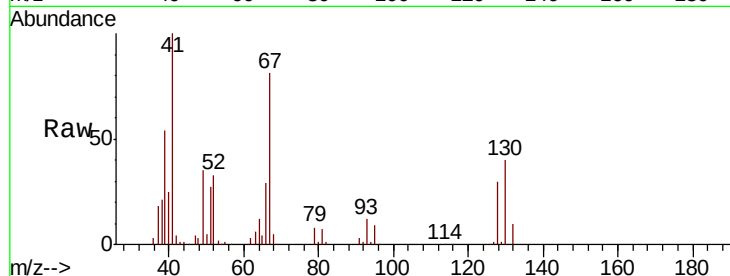




#41
Methacrylonitrile
Concen: 53.593 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

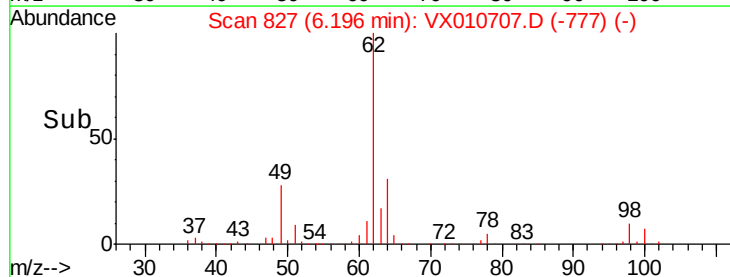
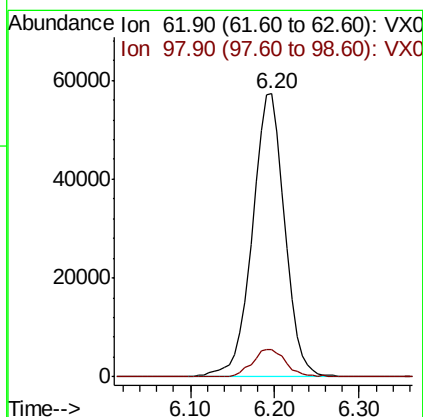
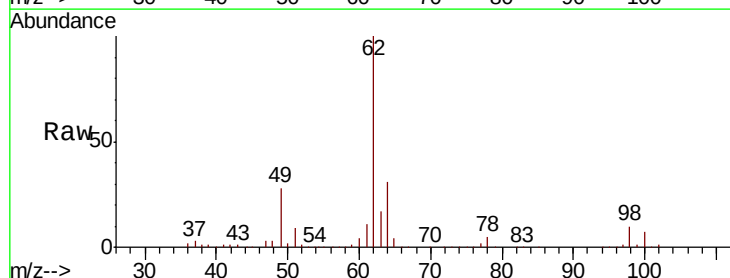
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

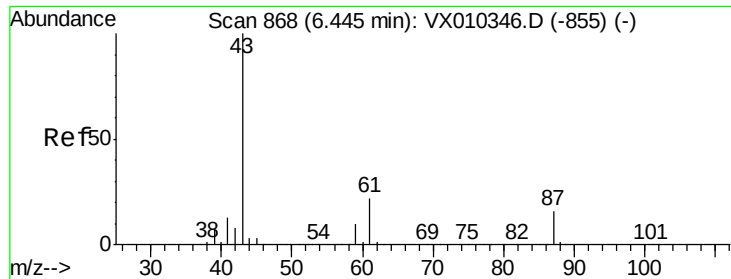
Tot Ion:	41	Resp:	84394
Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.8	65.8
67	80.4	66.6	100.0
52	31.0	24.5	36.7



#42
1,2-Dichloroethane
Concen: 56.893 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion:	62	Resp:	150521
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	22.2





#43

Isopropyl Acetate

Concen: 50.869 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

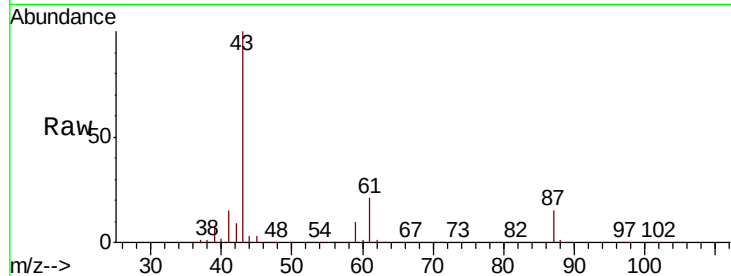
Tot Ion: 43 Resp: 241544

Ion Ratio Lower Upper

43 100

61 21.2 17.8 26.6

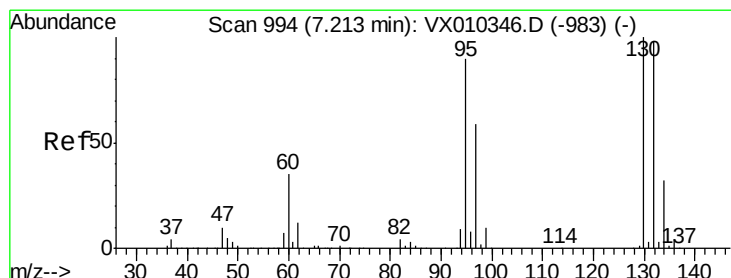
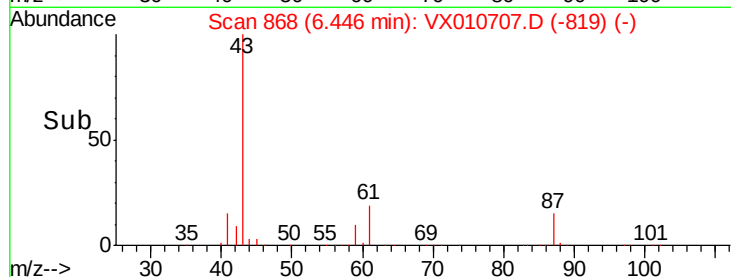
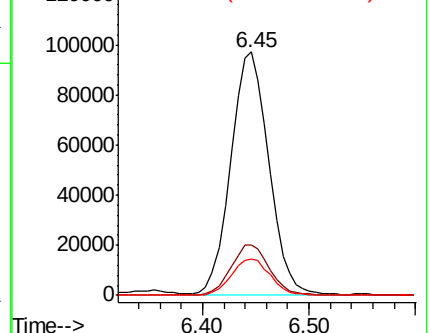
87 15.4 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.431 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010707.D

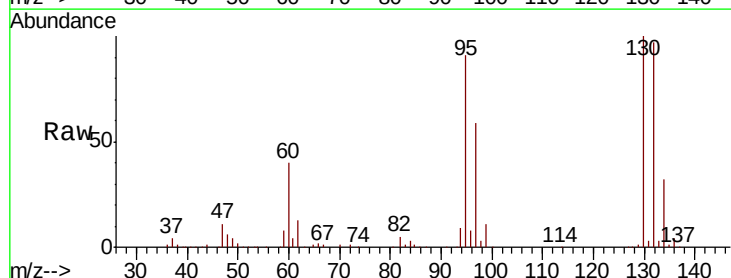
Acq: 08 Jul 2019 19:42

Tgt Ion:130 Resp: 131157

Ion Ratio Lower Upper

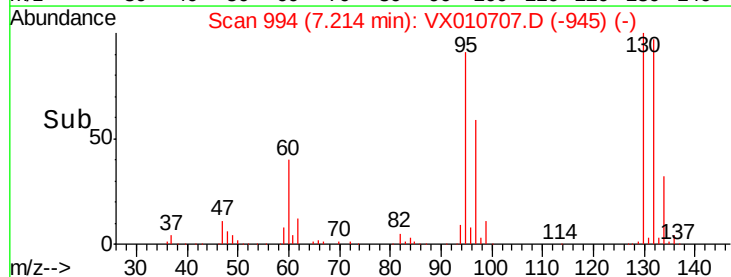
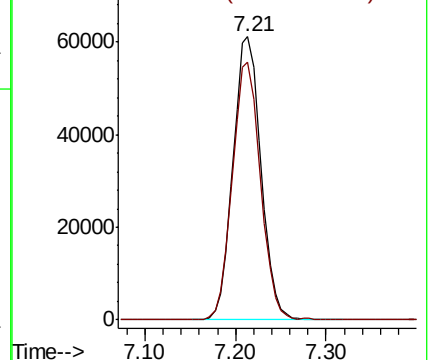
130 100

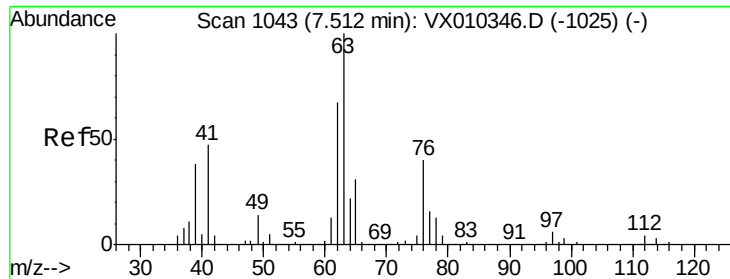
95 91.2 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

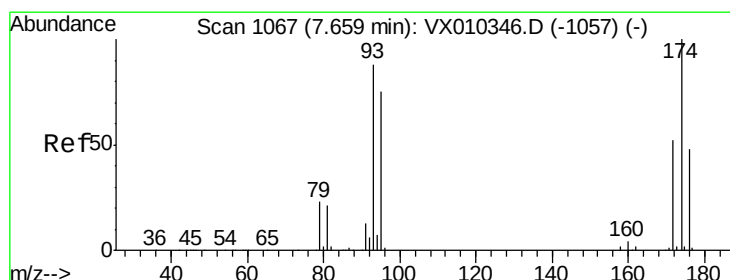
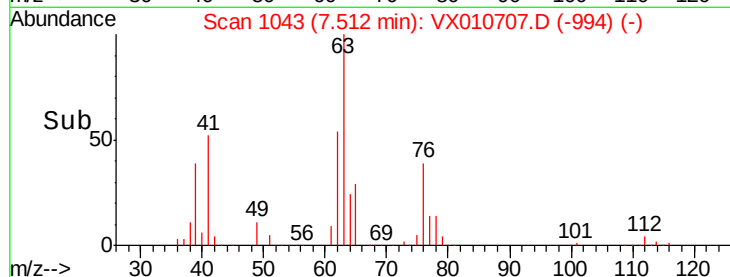
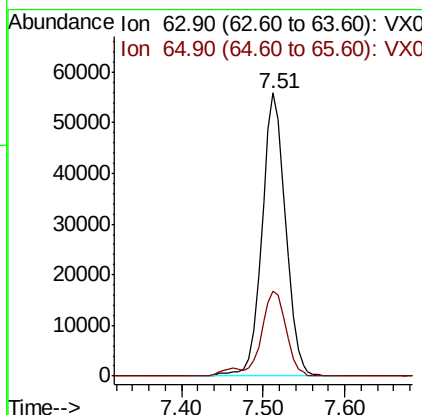
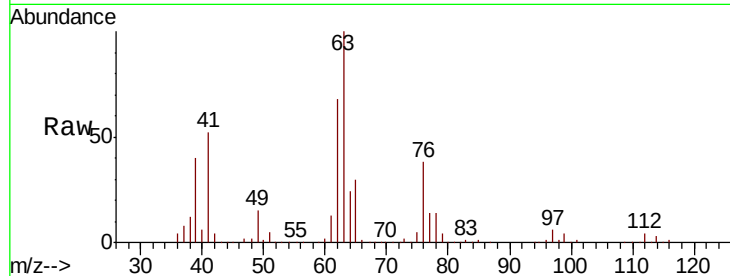




#45
 1,2-Dichloropropane
 Concen: 51.460 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

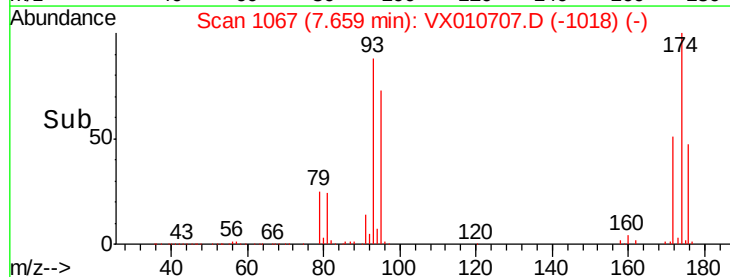
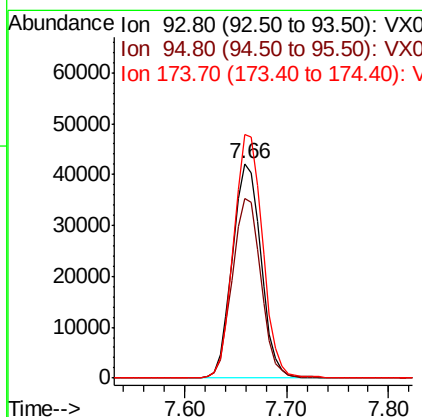
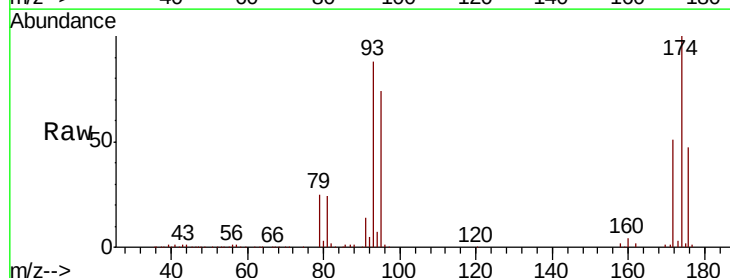
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

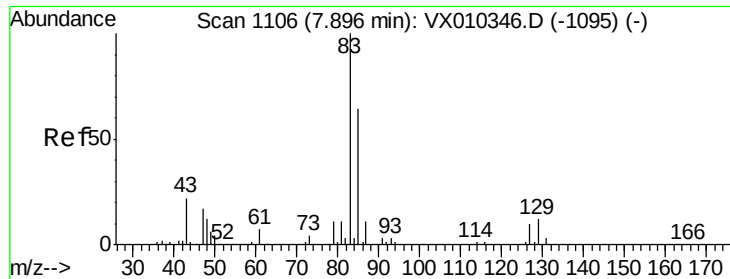
Tot Ion: 63 Resp: 112947
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.8 37.2



#46
 Dibromomethane
 Concen: 52.053 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion: 93 Resp: 81970
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.5 101.3
 174 114.7 95.8 143.6





#47

Bromodichloromethane

Concen: 51.172 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

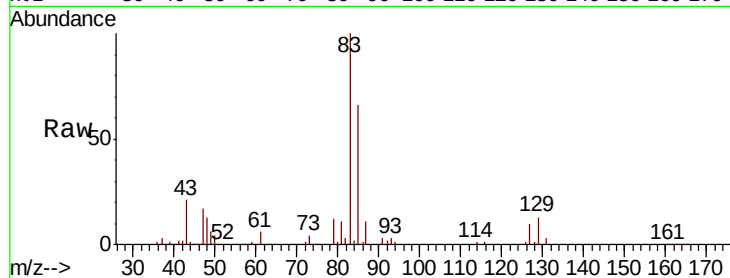
Tot Ion: 83 Resp: 147679

Ion Ratio Lower Upper

83 100

85 66.4 51.5 77.3

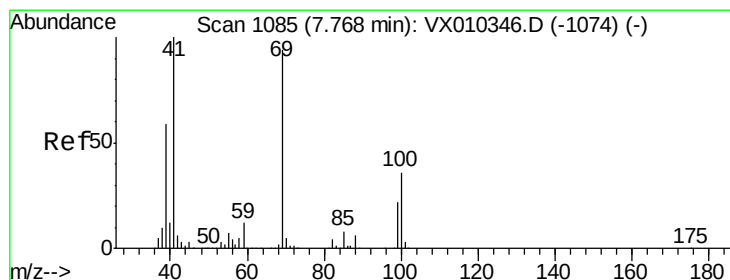
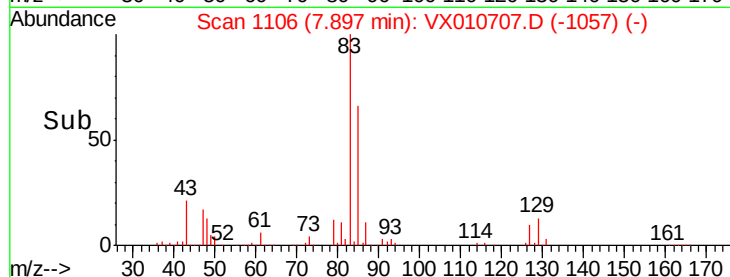
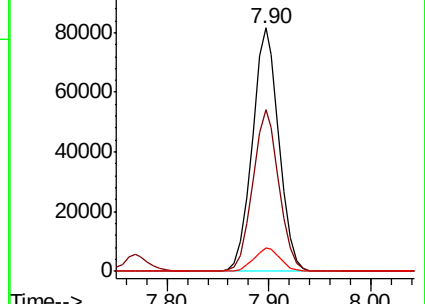
127 9.7 7.8 11.8



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: 55.018 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

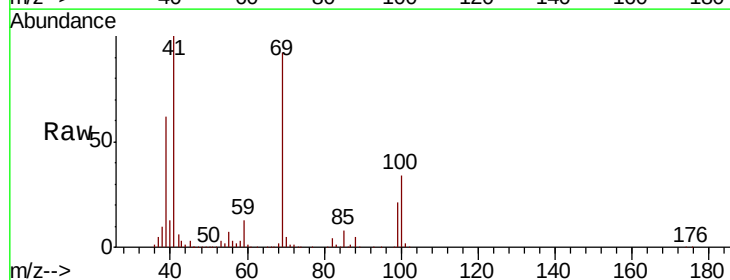
Tgt Ion: 41 Resp: 121431

Ion Ratio Lower Upper

41 100

69 92.2 76.1 114.1

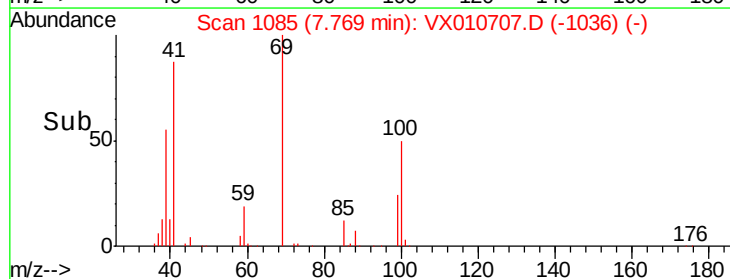
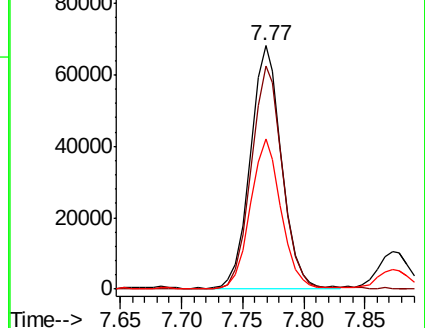
39 60.3 47.6 71.4

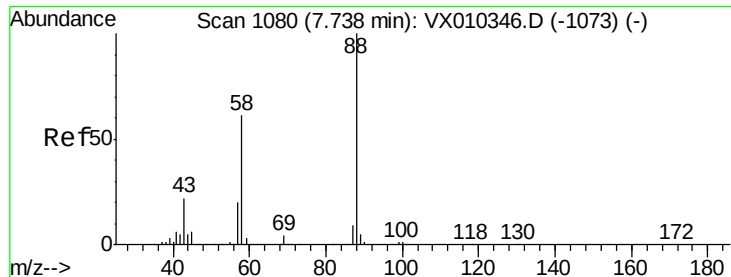


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 873.115 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

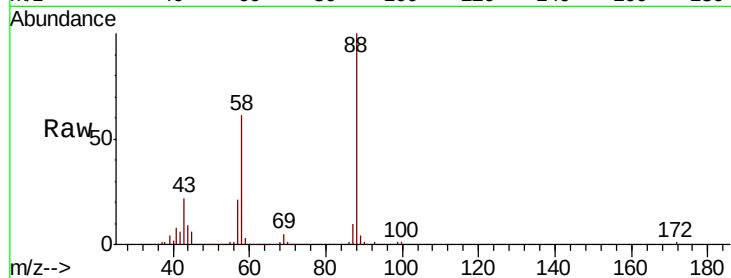
Tot Ion: 88 Resp: 55514

Ion Ratio Lower Upper

88 100

43 26.7 20.2 30.2

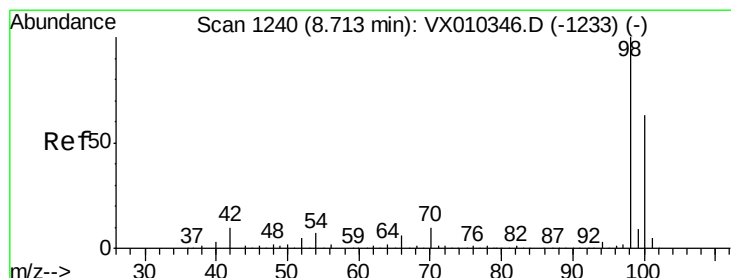
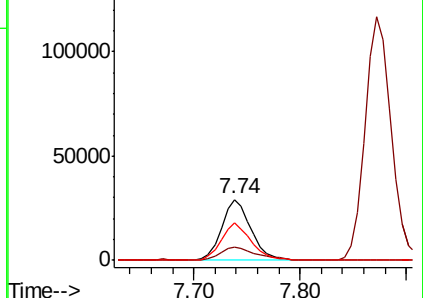
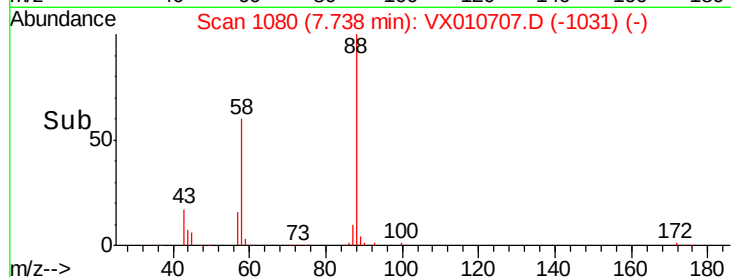
58 62.0 49.5 74.3



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: 46.714 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010707.D

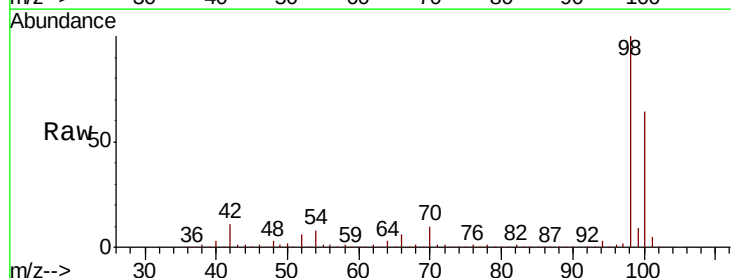
Acq: 08 Jul 2019 19:42

Tgt Ion: 98 Resp: 383883

Ion Ratio Lower Upper

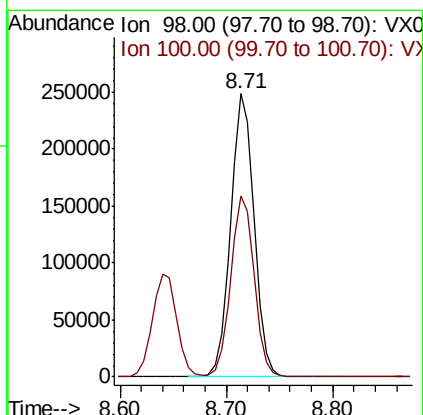
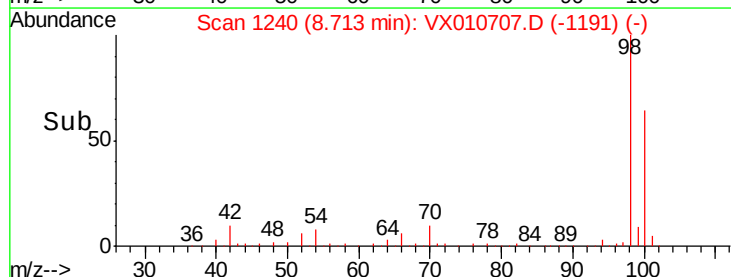
98 100

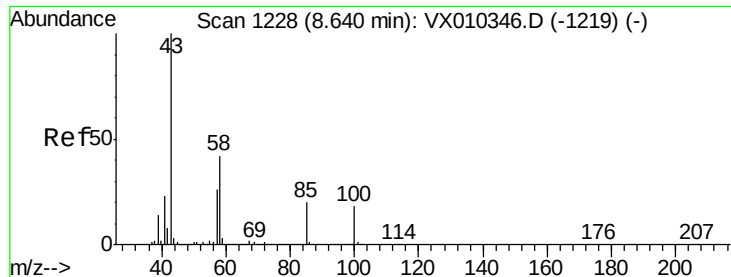
100 64.3 51.6 77.4



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: 270.683 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

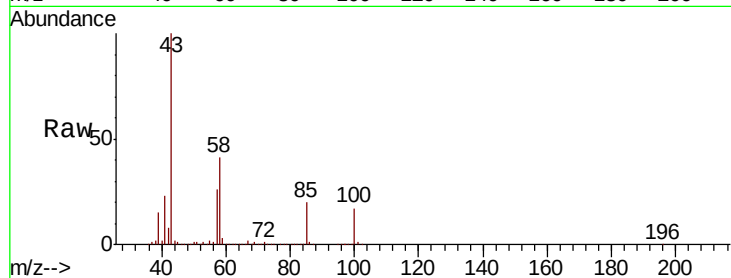
SS038RW151-190702MS

Tot Ion: 43 Resp: 822034

Ion Ratio Lower Upper

43 100

58 40.9 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

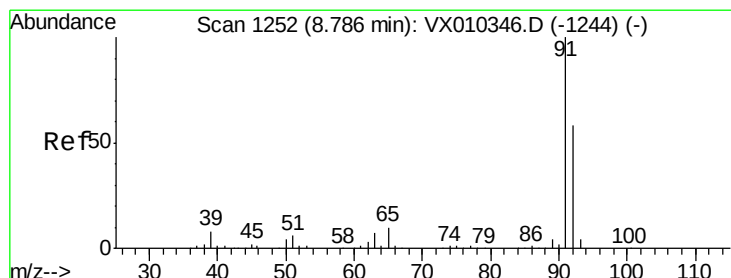
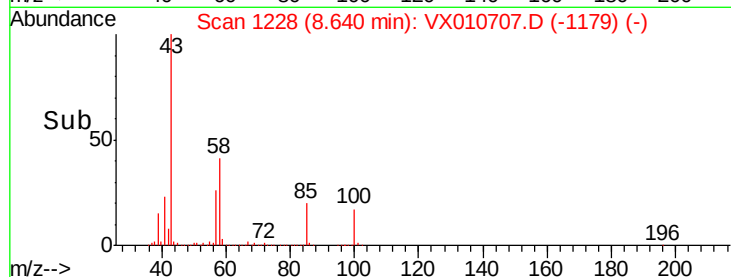
300000

200000

100000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 51.129 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010707.D

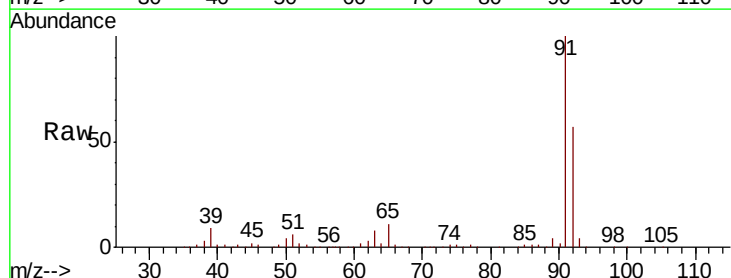
Acq: 08 Jul 2019 19:42

Tgt Ion: 92 Resp: 292644

Ion Ratio Lower Upper

92 100

91 175.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

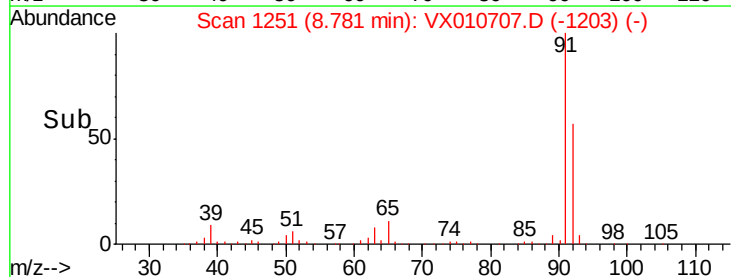
300000

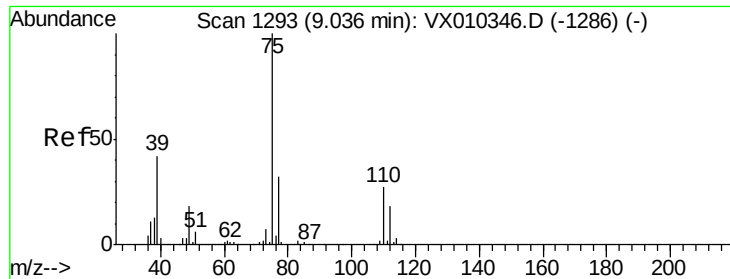
200000

100000

0

Time--> 8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 49.533 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

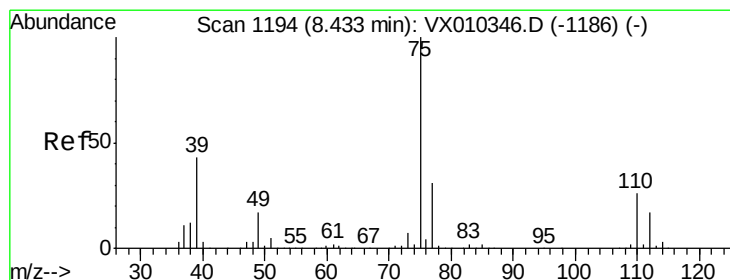
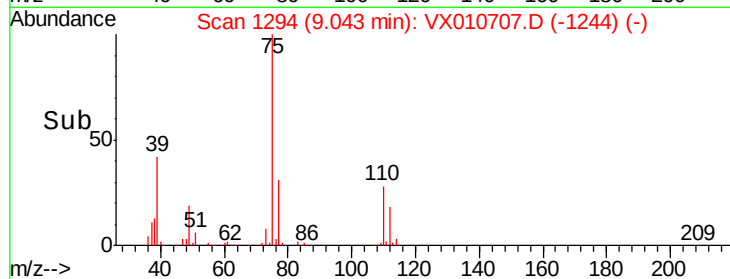
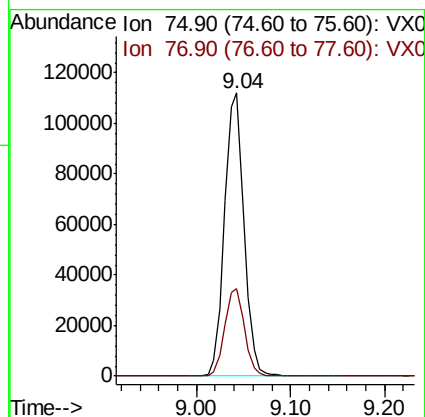
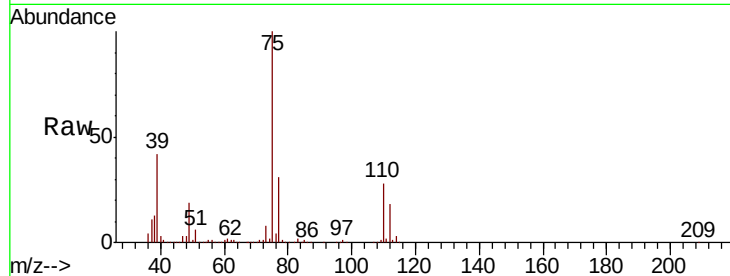
SS038RW151-190702MS

Tot Ion: 75 Resp: 160264

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 49.173 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

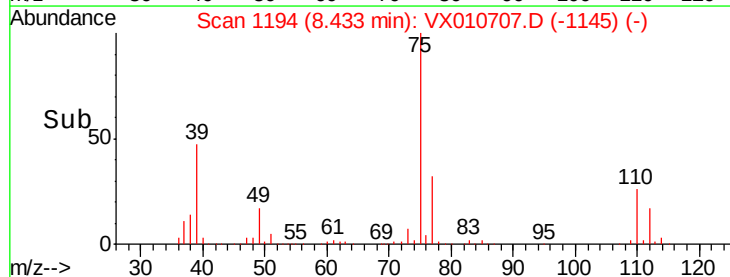
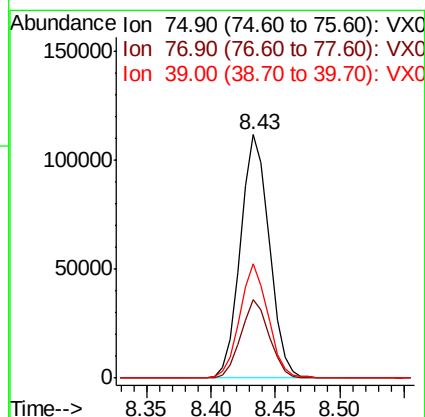
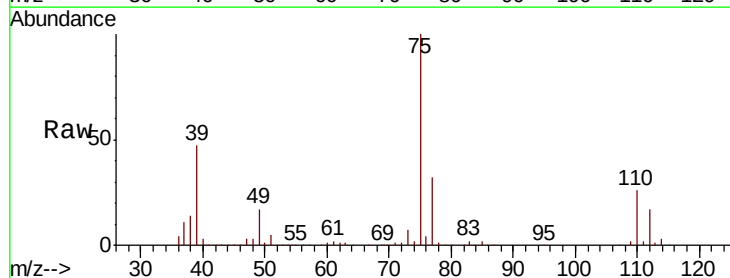
Tgt Ion: 75 Resp: 172896

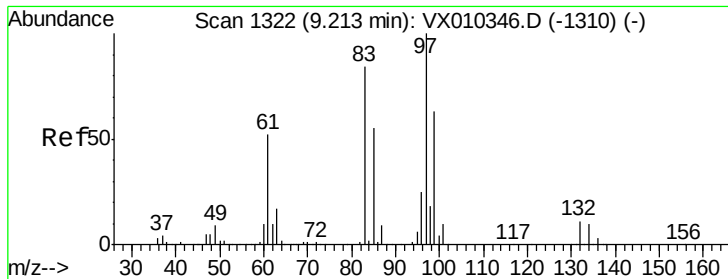
Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8

39 46.8 34.5 51.7

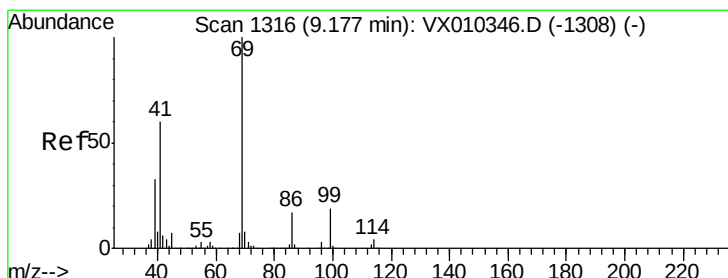
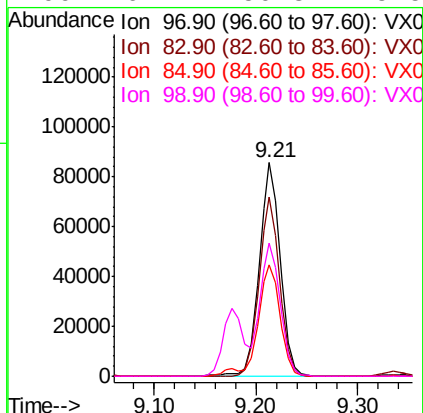
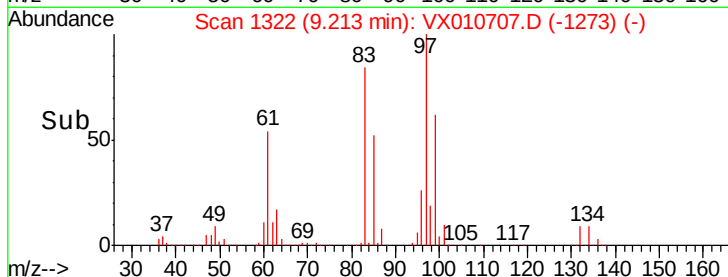
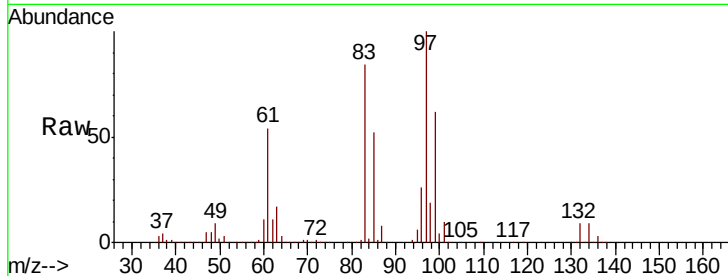




#55
 1,1,2-Trichloroethane
 Concen: 52.427 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

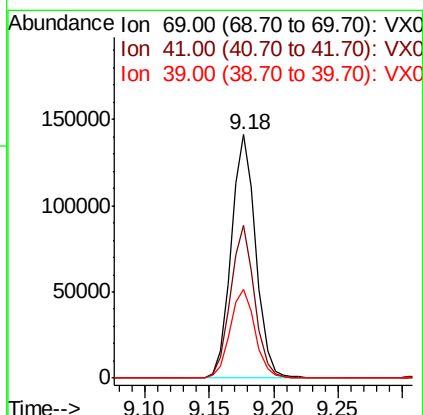
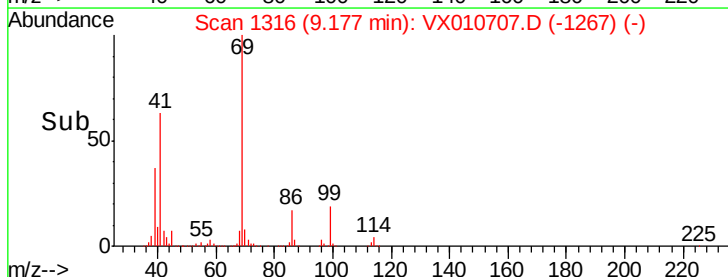
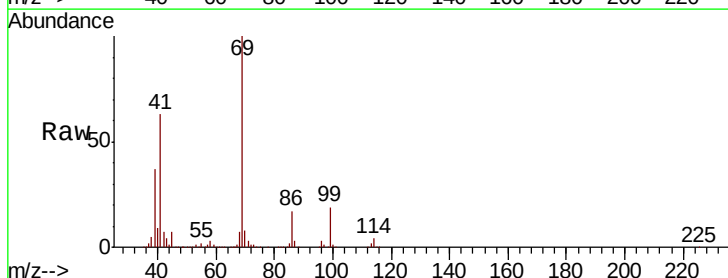
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

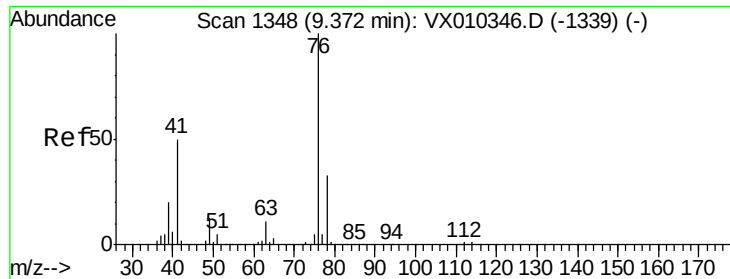
Tot Ion:	97	Resp:	123757
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.4	101.0
85	51.9	43.8	65.8
99	62.4	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 52.721 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion:	69	Resp:	188527
Ion	Ratio	Lower	Upper
69	100		
41	61.3	47.1	70.7
39	36.8	26.6	40.0

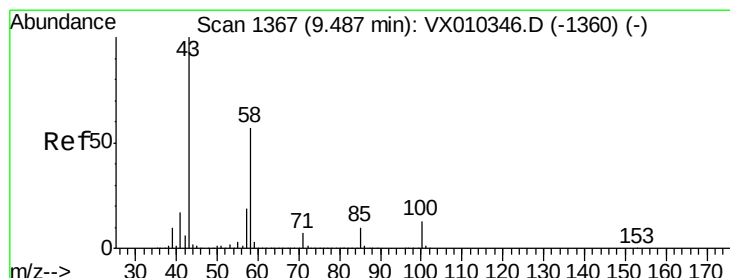
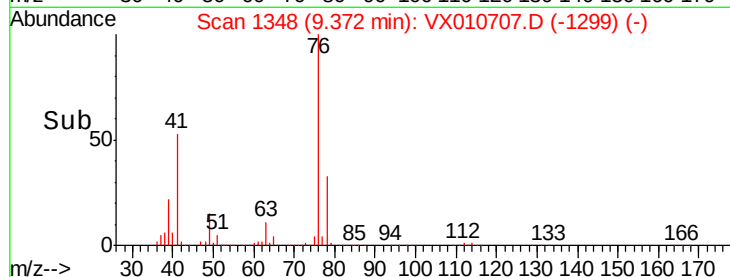
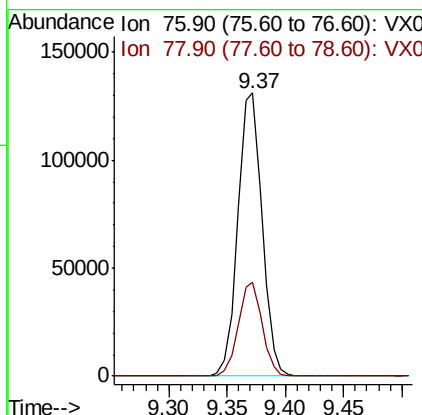
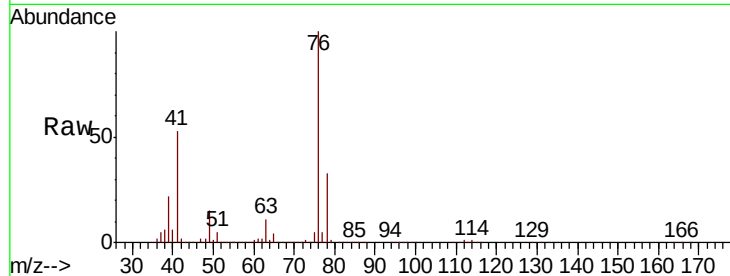




#57
 1,3-Dichloropropane
 Concen: 52.137 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

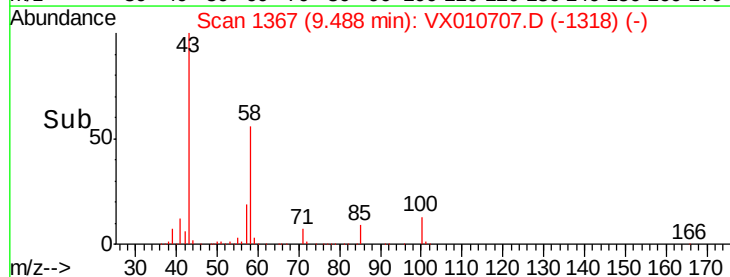
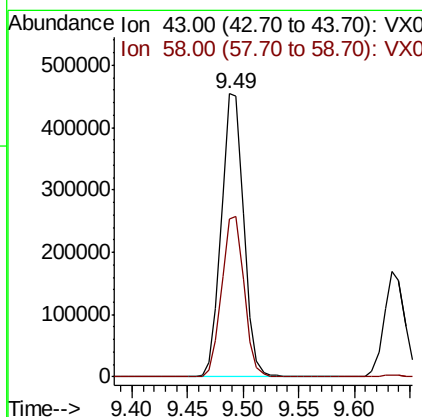
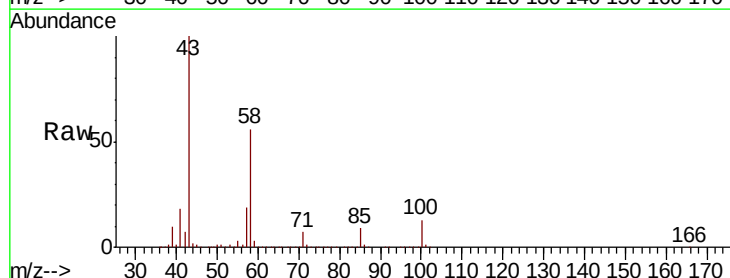
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

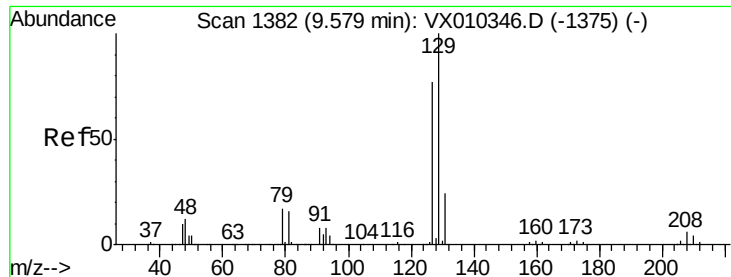
Tot Ion: 76 Resp: 191045
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#59
 2-Hexanone
 Concen: 264.767 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion: 43 Resp: 632831
 Ion Ratio Lower Upper
 43 100
 58 57.0 29.0 87.1





#60

Dibromochloromethane

Concen: 50.453 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

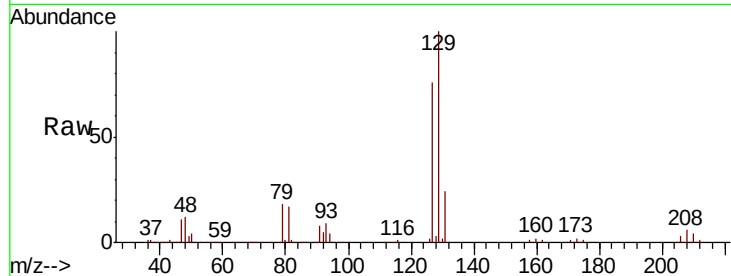
SS038RW151-190702MS

Tot Ion:129 Resp: 133349

Ion Ratio Lower Upper

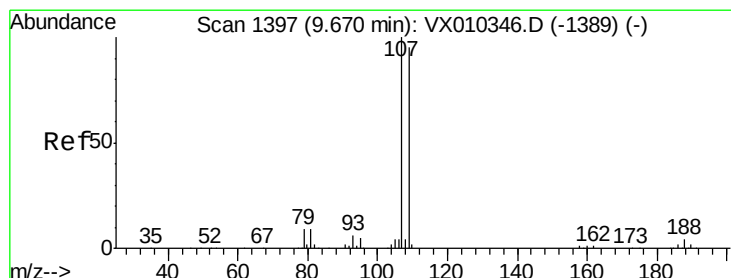
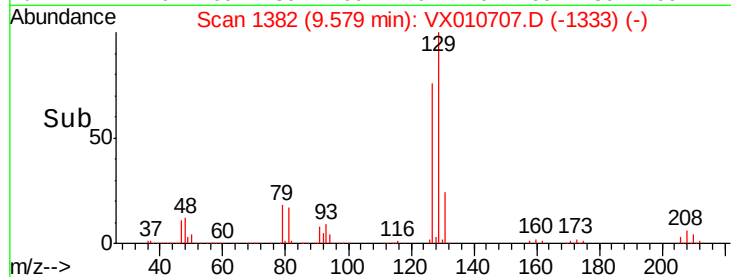
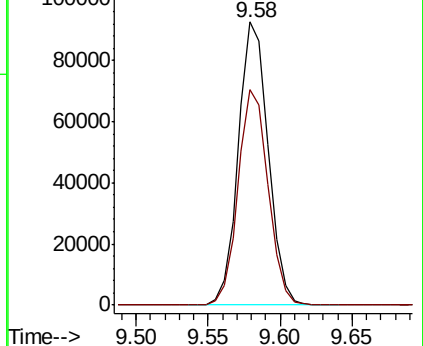
129 100

127 76.3 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: 52.826 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010707.D

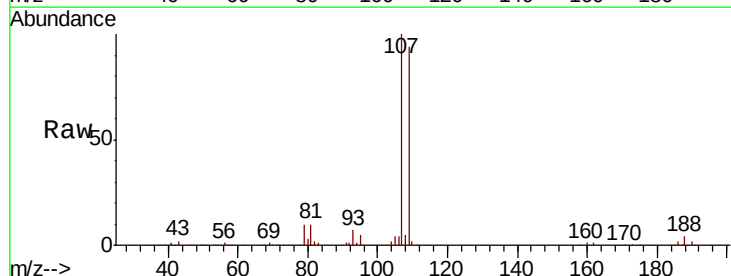
Acq: 08 Jul 2019 19:42

Tgt Ion:107 Resp: 134597

Ion Ratio Lower Upper

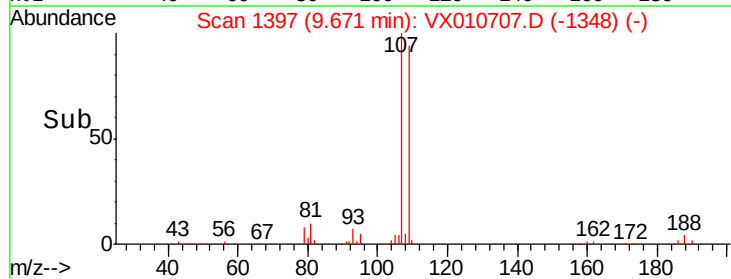
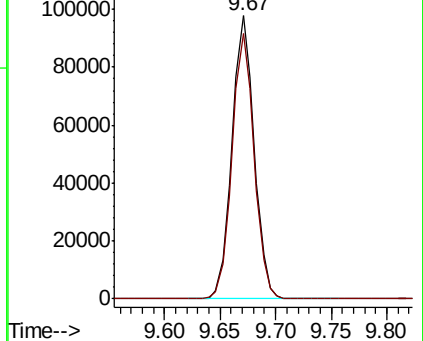
107 100

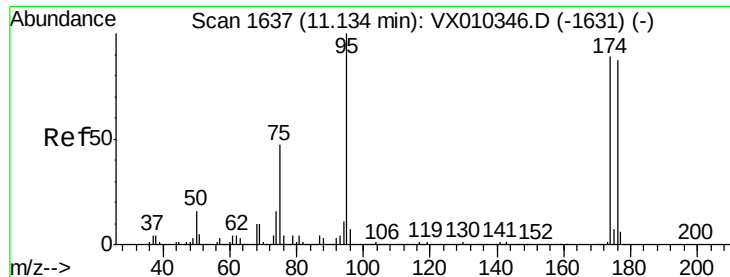
109 93.6 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.259 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

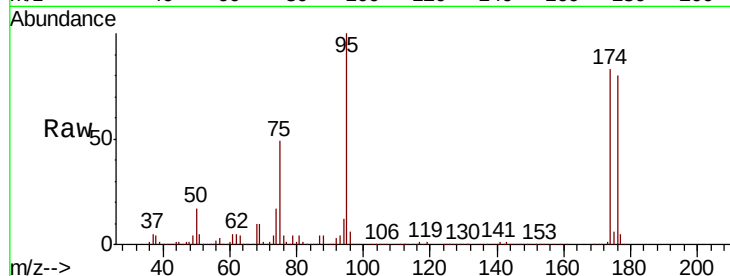
Tot Ion: 95 Resp: 146142

Ion Ratio Lower Upper

95 100

174 92.1 0.0 187.6

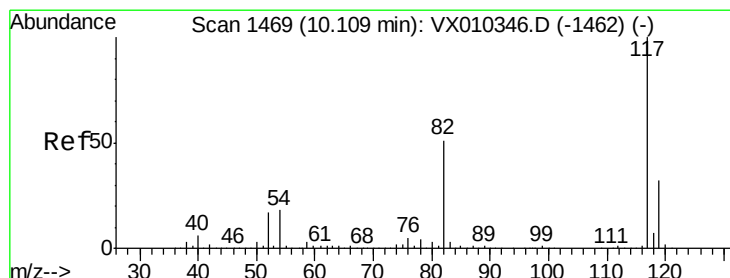
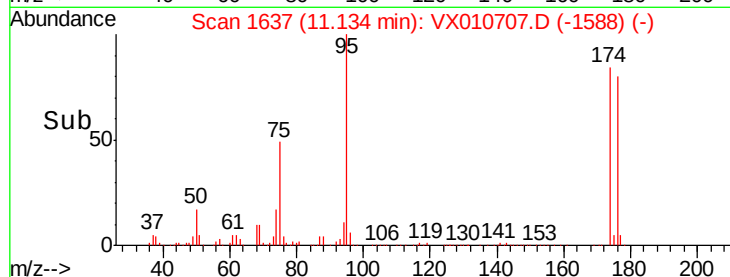
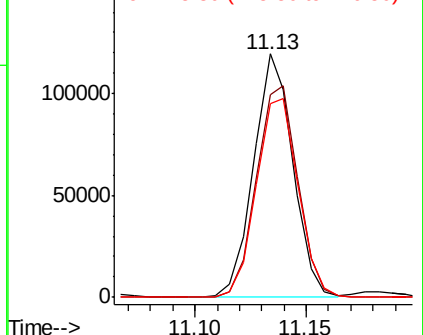
176 87.7 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

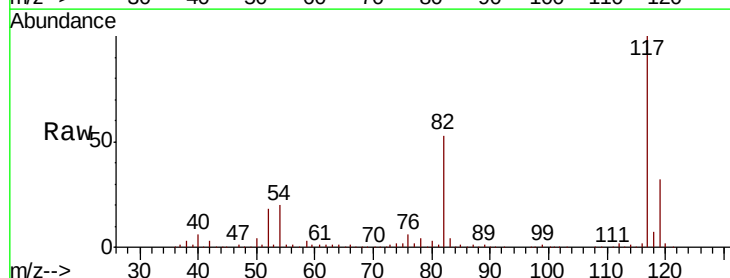
Tgt Ion: 117 Resp: 324702

Ion Ratio Lower Upper

117 100

82 53.4 41.2 61.8

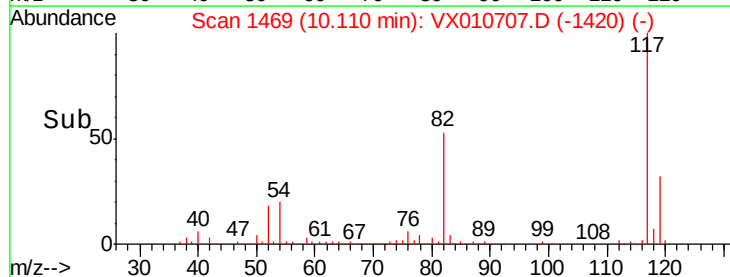
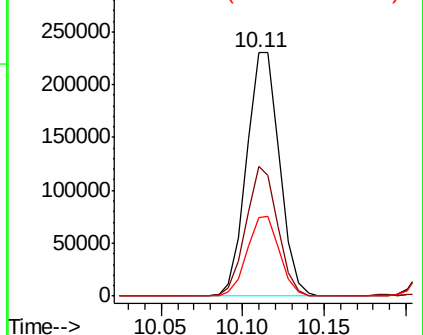
119 32.3 25.5 38.3

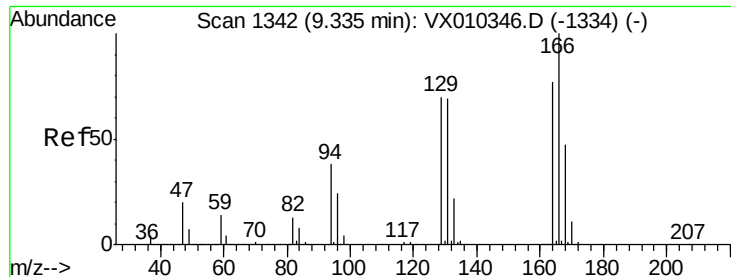


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

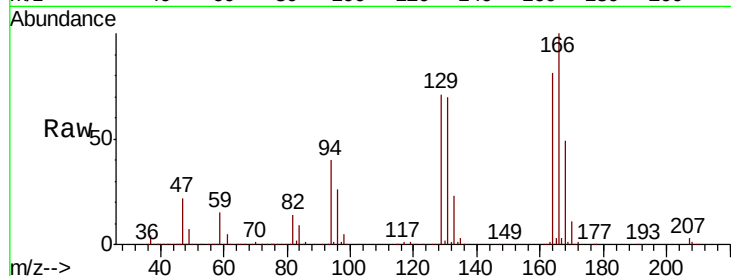




#64
Tetrachloroethene
Concen: 47.061 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	123.1	103.6	155.4
129	87.4	73.0	109.4
131	86.0	71.0	106.4



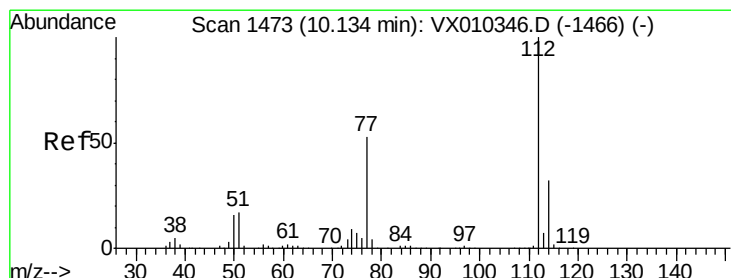
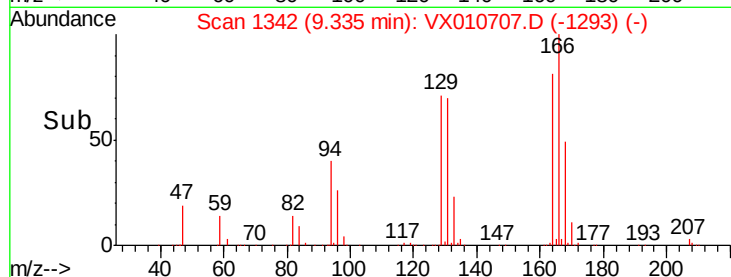
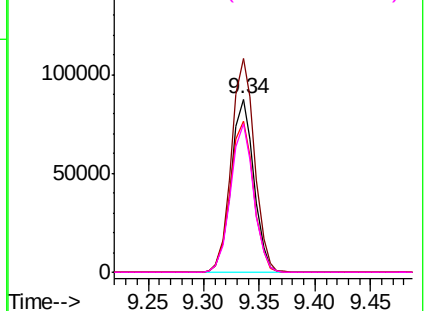
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

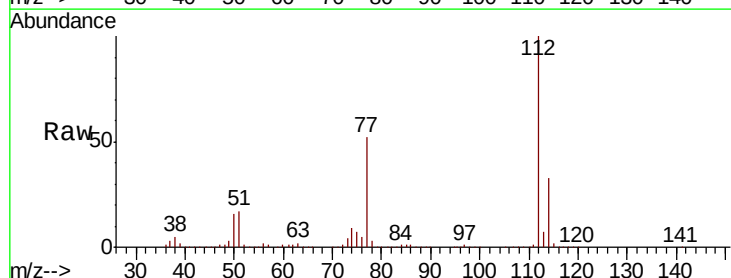
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 130.845 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

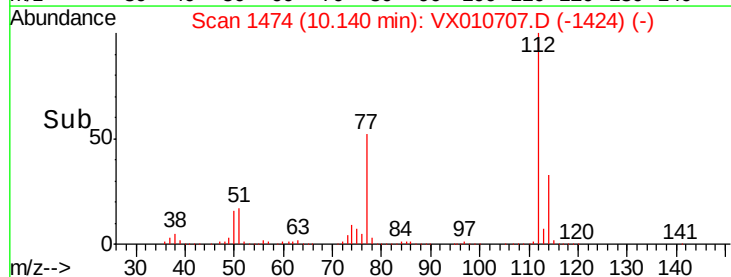
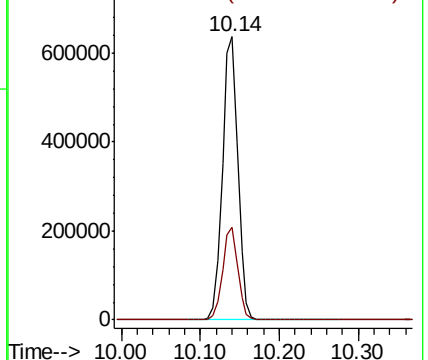
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.4	38.2

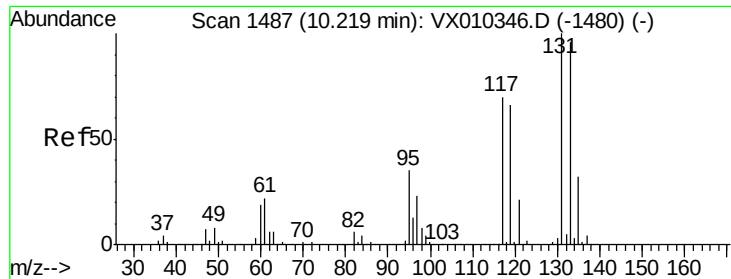


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

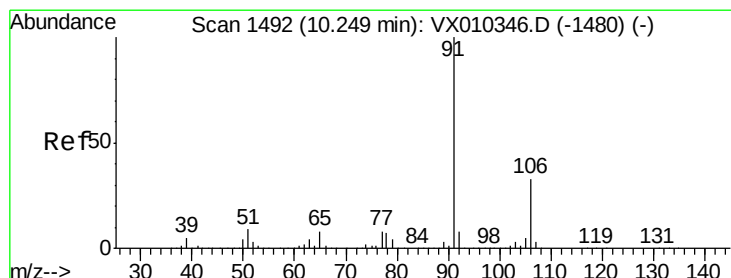
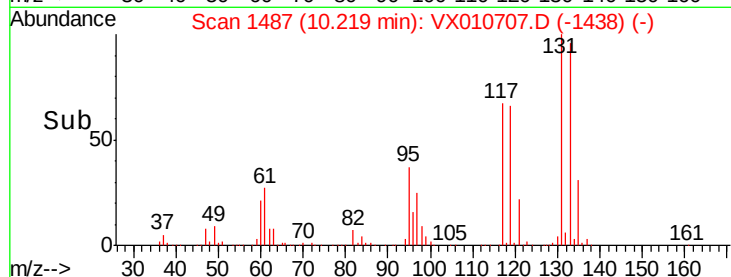
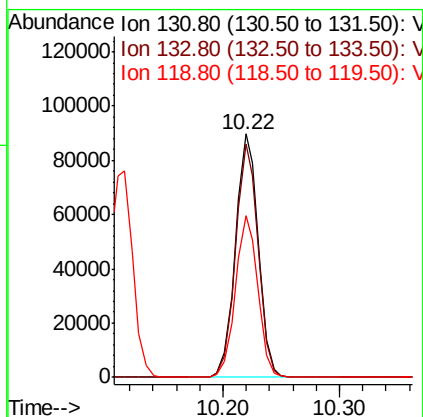
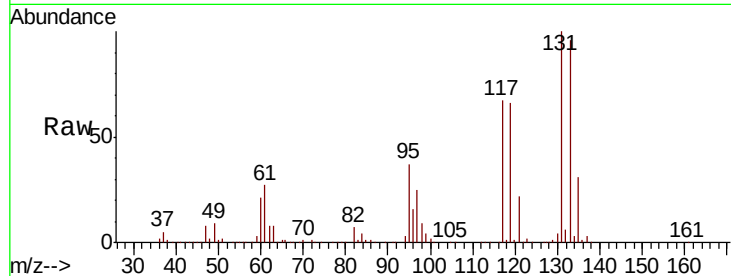




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.969 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

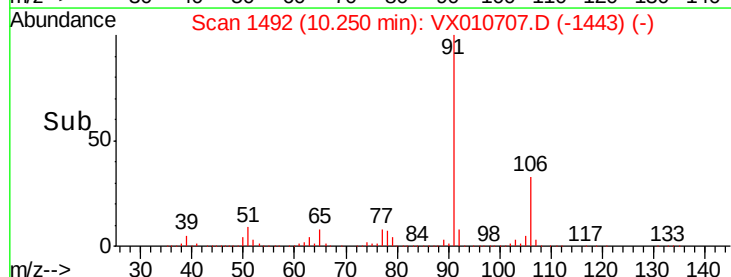
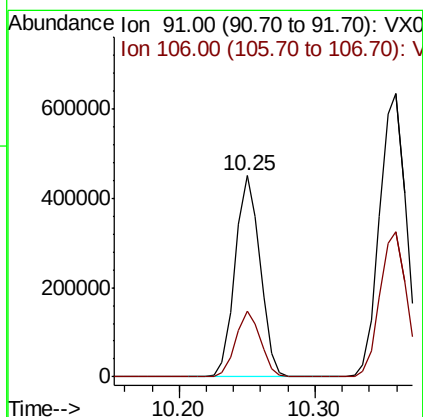
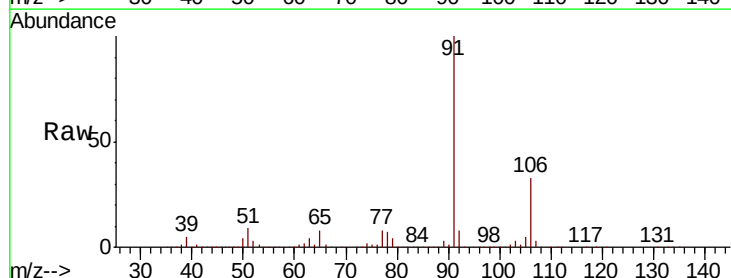
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

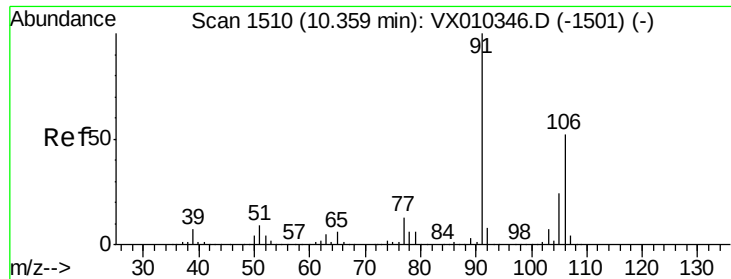
Tot Ion:131 Resp: 122386
 Ion Ratio Lower Upper
 131 100
 133 94.6 47.7 143.1
 119 65.0 32.6 97.7



#67
 Ethyl Benzene
 Concen: 52.052 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion: 91 Resp: 579284
 Ion Ratio Lower Upper
 91 100
 106 32.6 26.2 39.2

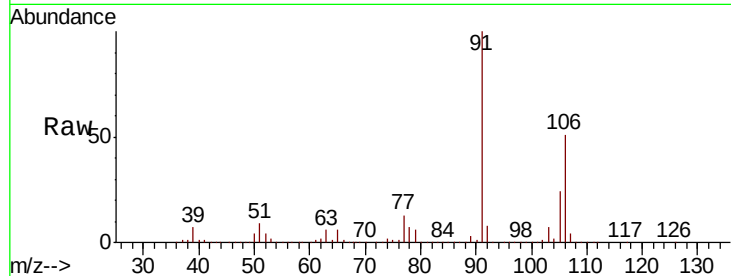




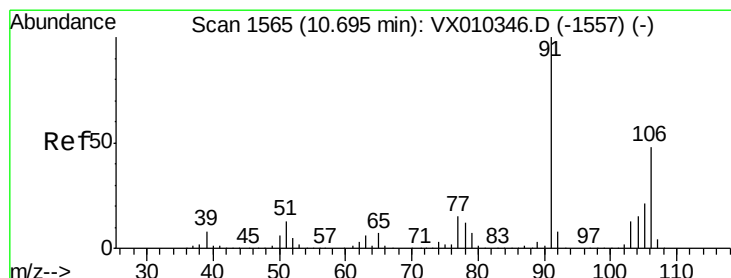
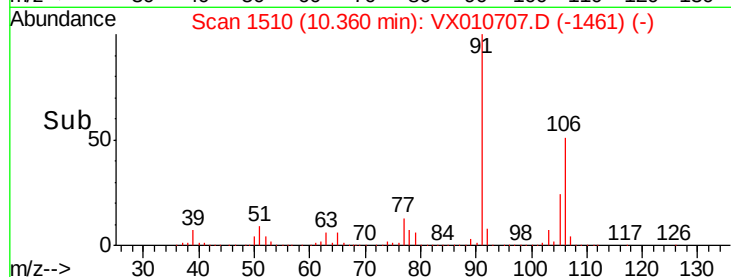
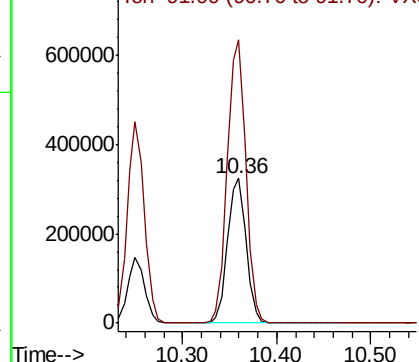
#68
m/p-Xylenes
Concen: 102.804 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion:106 Resp: 443309
Ion Ratio Lower Upper
106 100
91 196.0 155.3 232.9

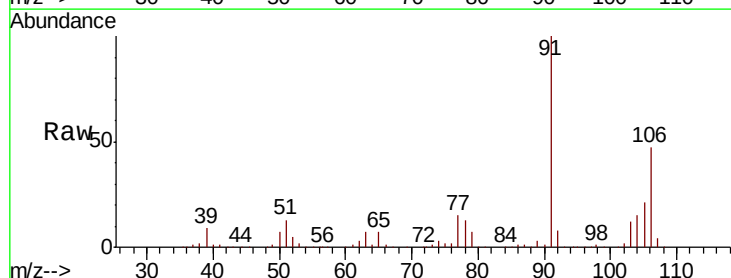


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

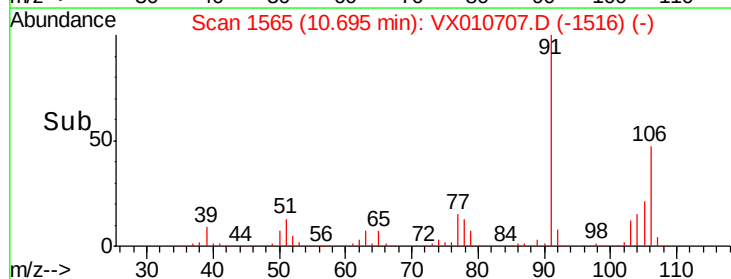
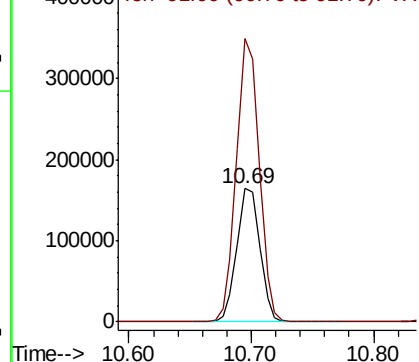


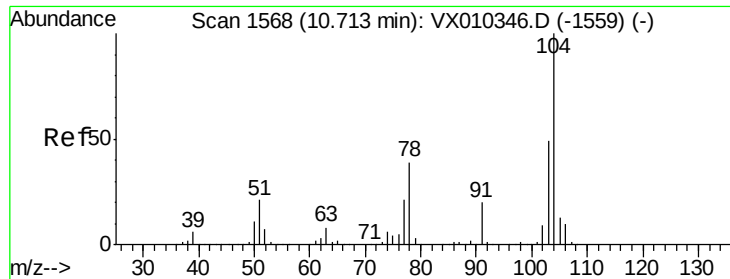
#69
o-Xylene
Concen: 50.673 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion:106 Resp: 214886
Ion Ratio Lower Upper
106 100
91 208.8 102.7 308.1



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





#70

Stvrene

Concen: 52.418 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

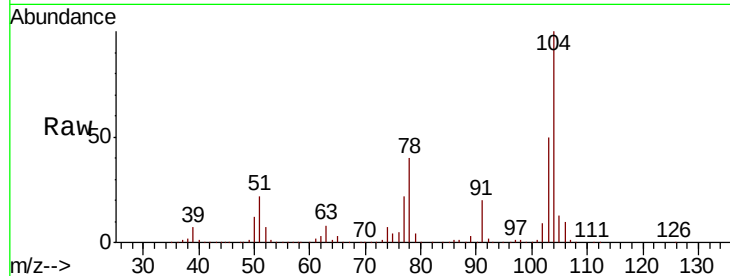
Tot Ion:104 Resp: 372782

Ion Ratio Lower Upper

104 100

78 47.0 36.2 54.2

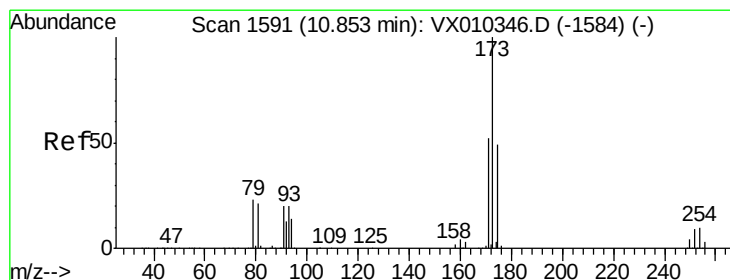
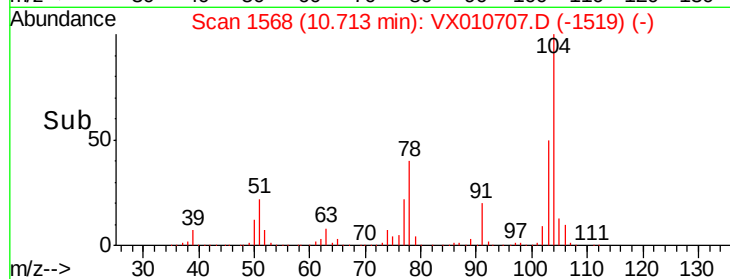
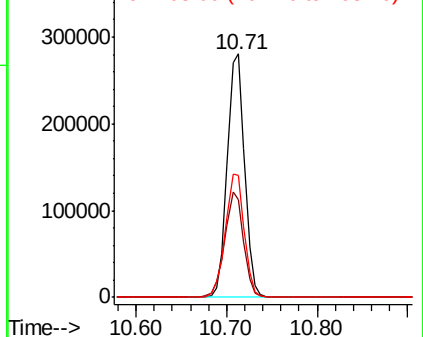
103 55.0 44.2 66.4



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: 48.294 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

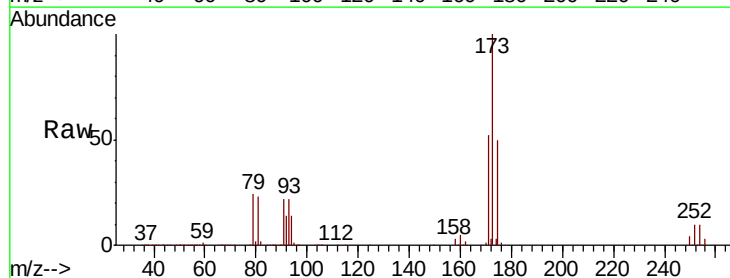
Tgt Ion:173 Resp: 100843

Ion Ratio Lower Upper

173 100

175 49.5 24.1 72.3

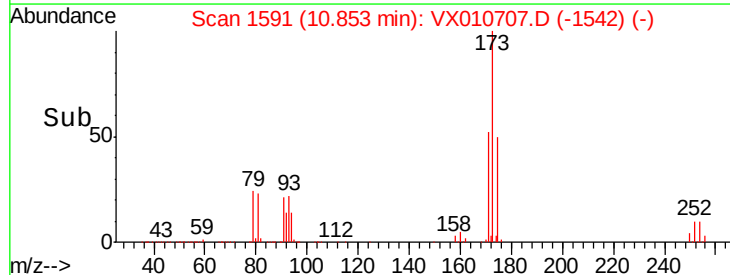
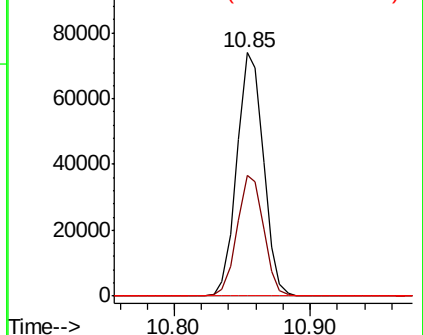
254 0.2 0.2 0.2

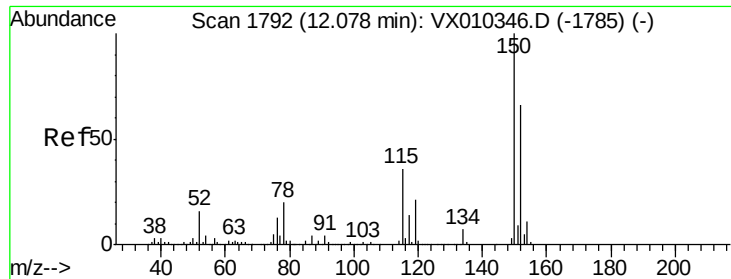


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

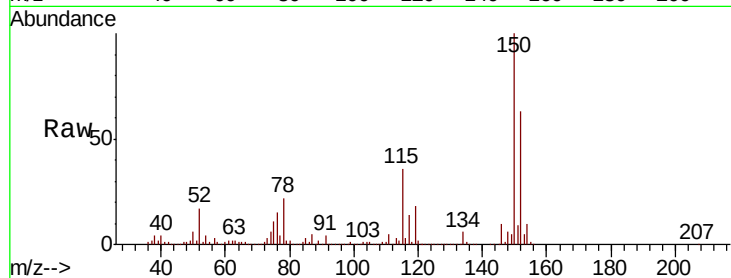
Tot Ion:152 Resp: 169301

Ion Ratio Lower Upper

152 100

115 80.7 38.6 115.7

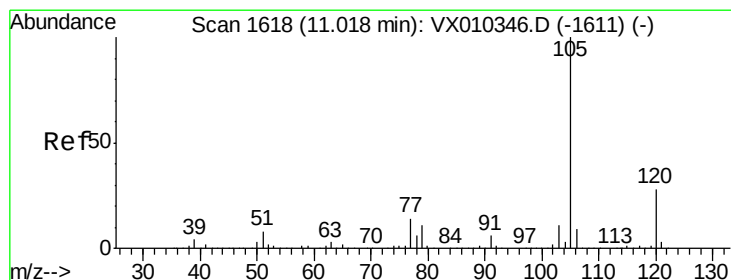
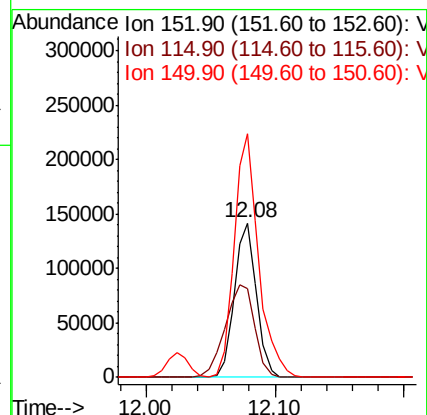
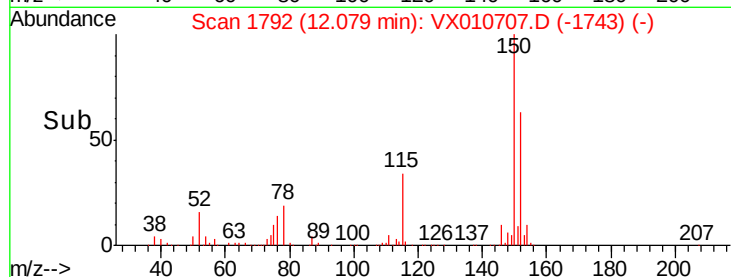
150 173.7 0.0 347.4



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: 51.369 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010707.D

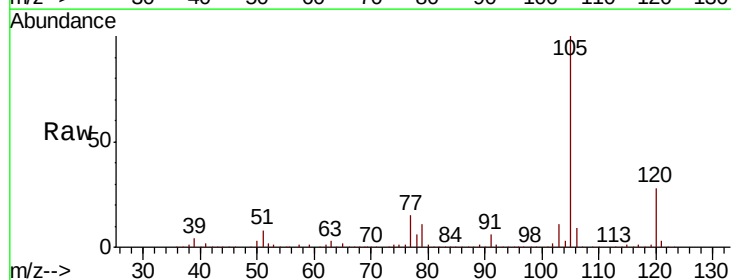
Acq: 08 Jul 2019 19:42

Tgt Ion:105 Resp: 589541

Ion Ratio Lower Upper

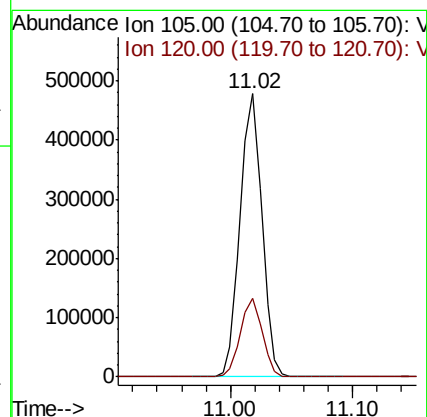
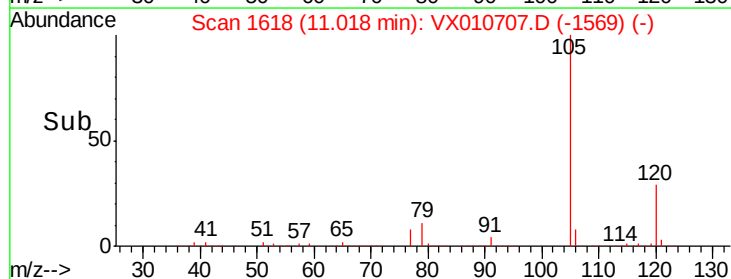
105 100

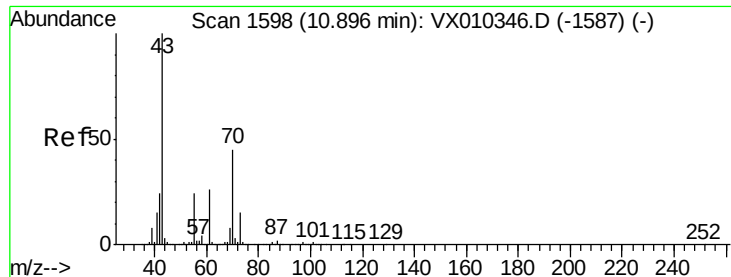
120 27.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 51.135 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

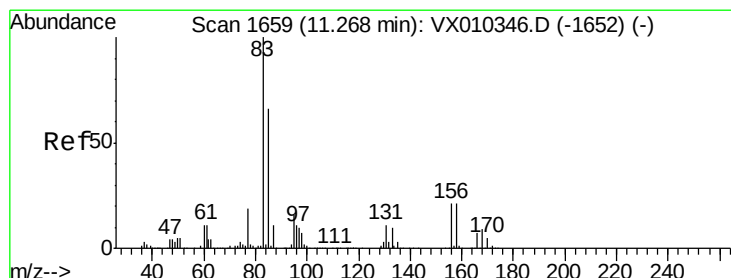
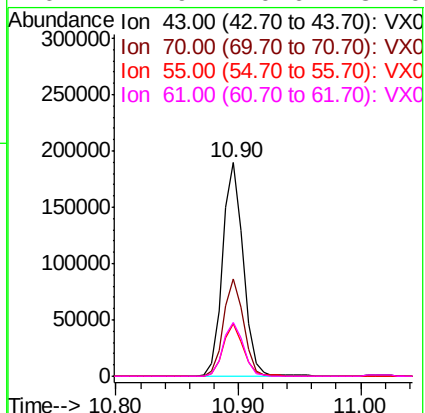
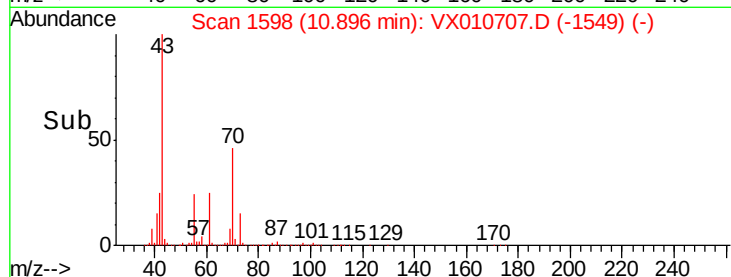
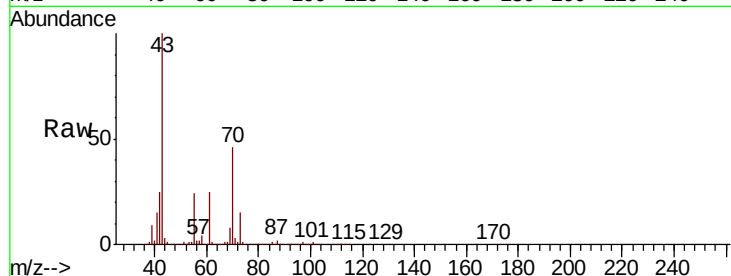
MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion: 43 Resp: 221785

Ion	Ratio	Lower	Upper
43	100		
70	45.0	36.6	54.8
55	23.8	18.7	28.1
61	24.9	20.6	31.0



#75

1,1,2,2-Tetrachloroethane

Concen: 50.296 ug/l

RT: 11.27 min Scan# 1659

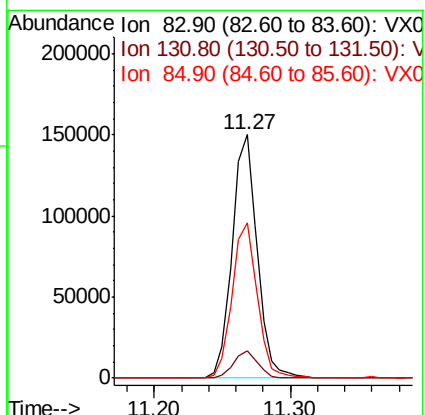
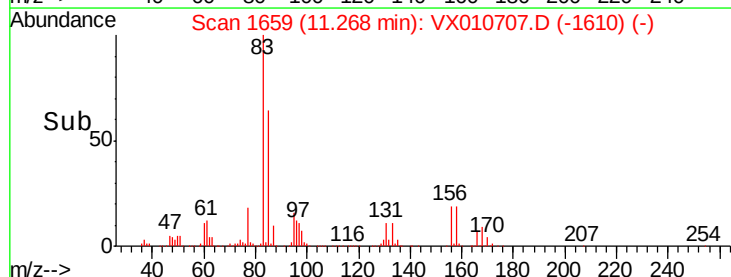
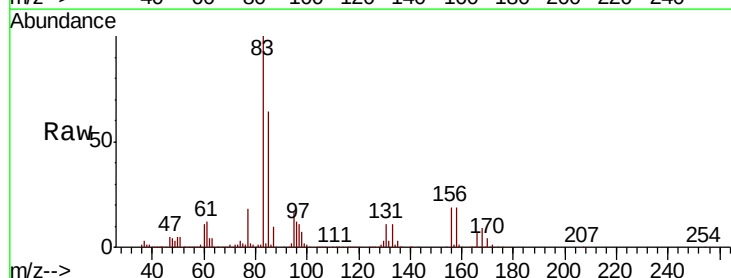
Delta R.T. 0.00 min

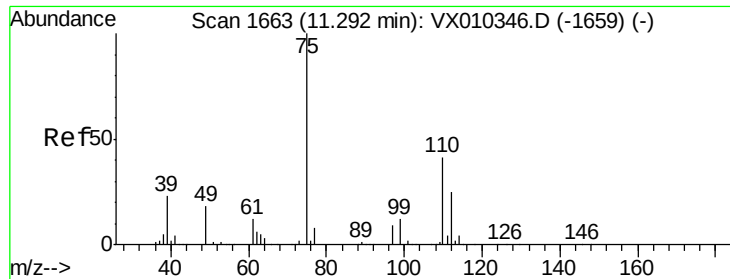
Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Tgt Ion: 83 Resp: 191161

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.5	16.4
85	64.5	32.3	96.8

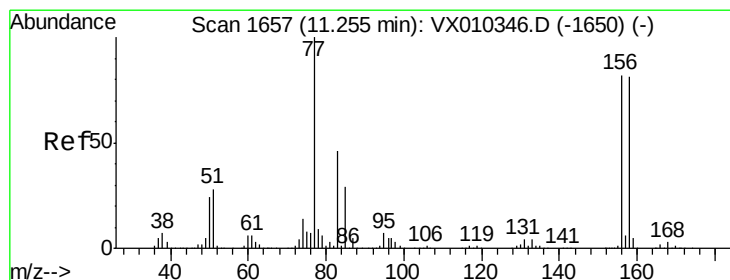
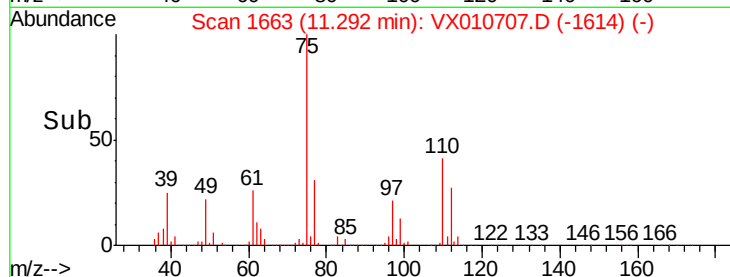
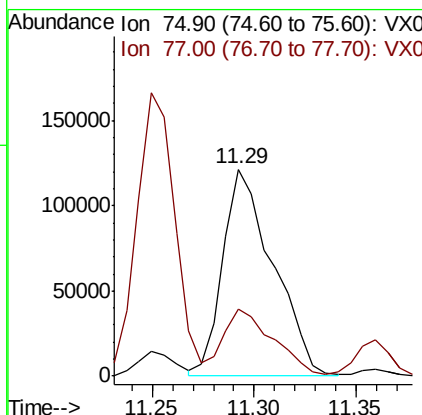
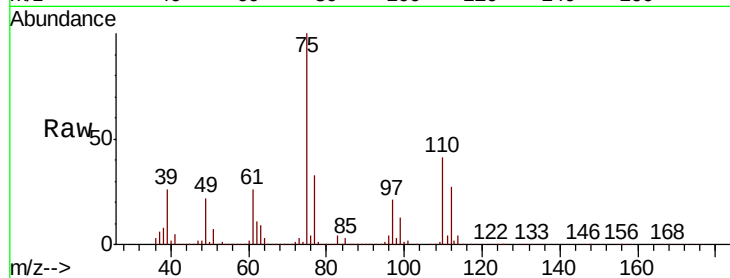




#76
 1,2,3-Trichloropropane
 Concen: 67.141 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

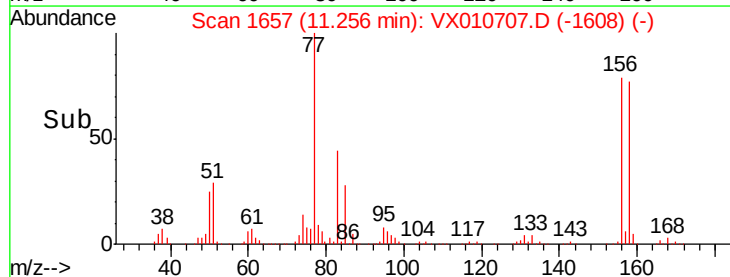
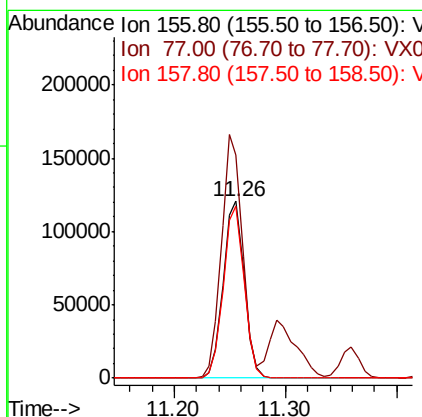
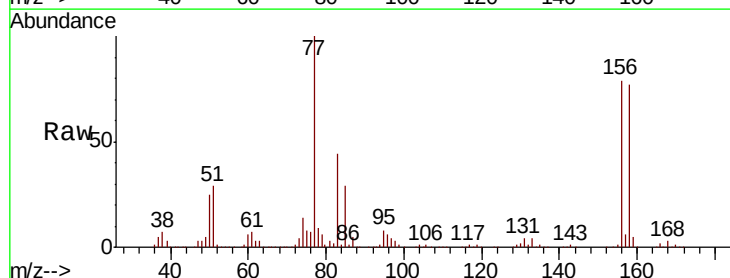
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

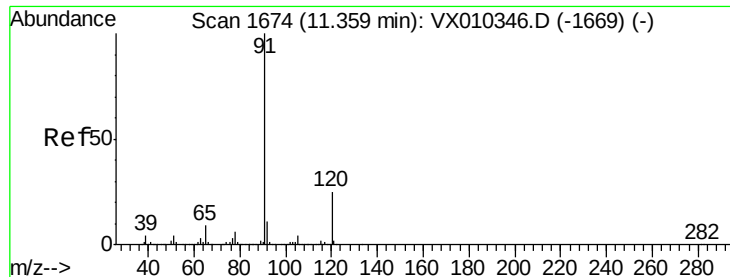
Tot Ion: 75 Resp: 207137
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.6 67.8



#77
 Bromobenzene
 Concen: 49.282 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion: 156 Resp: 157929
 Ion Ratio Lower Upper
 156 100
 77 136.0 66.3 198.7
 158 96.4 48.9 146.7





#78

n-propylbenzene

Concen: 51.143 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

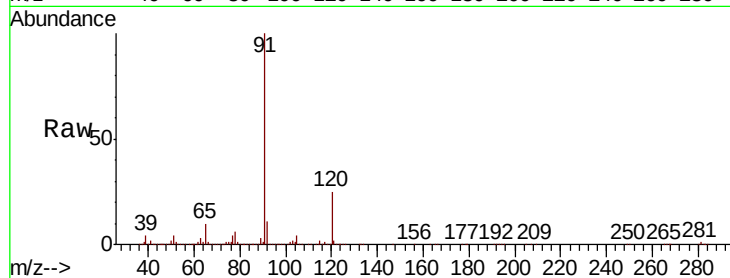
SS038RW151-190702MS

Tot Ion: 91 Resp: 645080

Ion Ratio Lower Upper

91 100

120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

600000

500000

400000

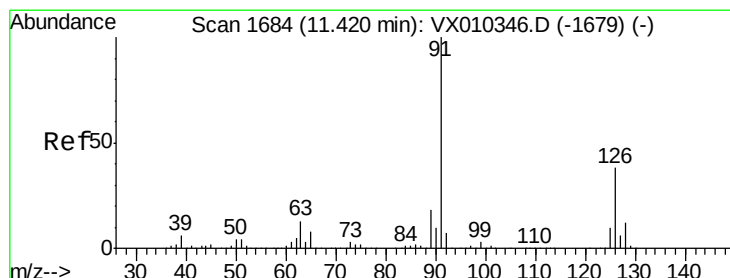
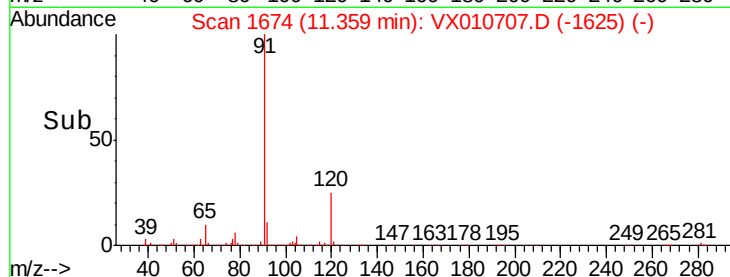
300000

200000

100000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 50.801 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010707.D

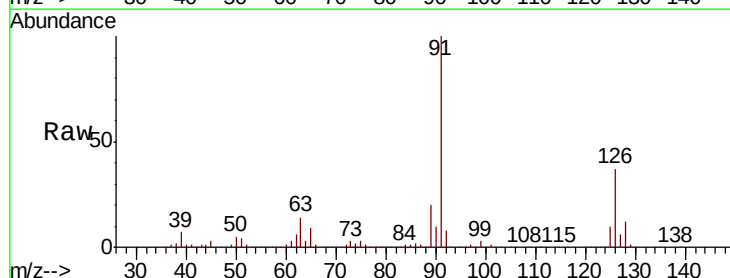
Acq: 08 Jul 2019 19:42

Tgt Ion: 91 Resp: 381555

Ion Ratio Lower Upper

91 100

126 36.6 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.42

600000

500000

400000

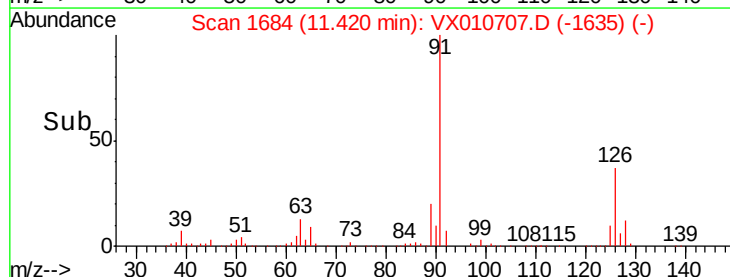
300000

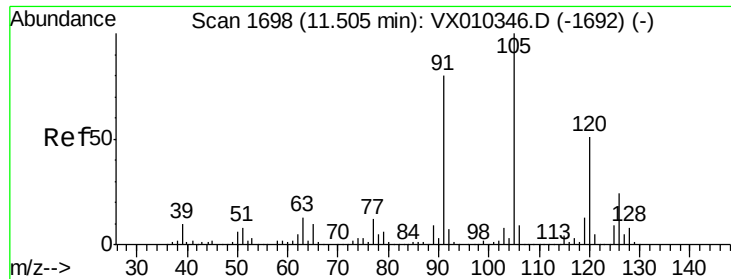
200000

100000

0

Time--> 11.40 11.45

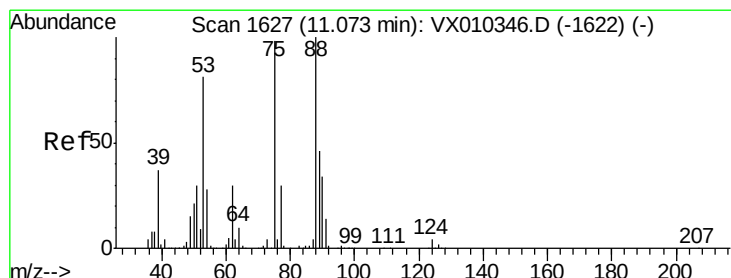
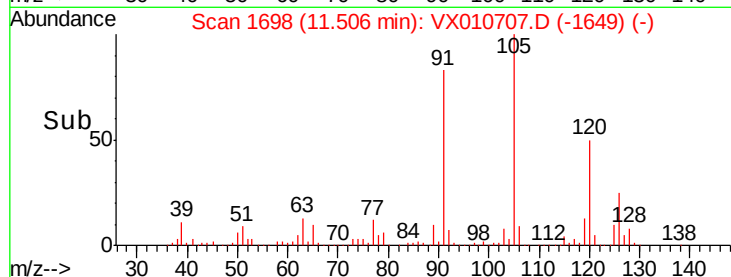
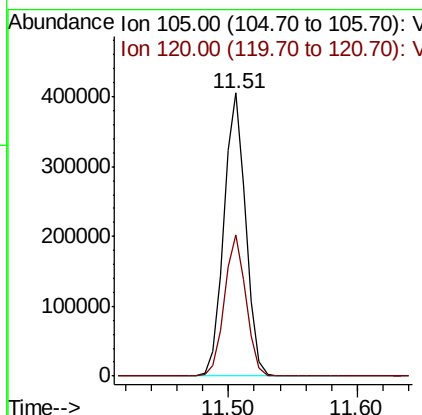
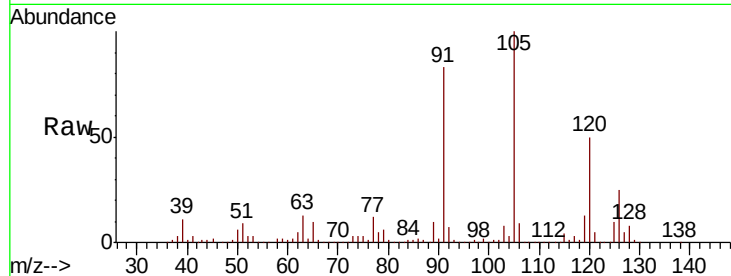




#80
 1,3,5-Trimethylbenzene
 Concen: 50.972 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

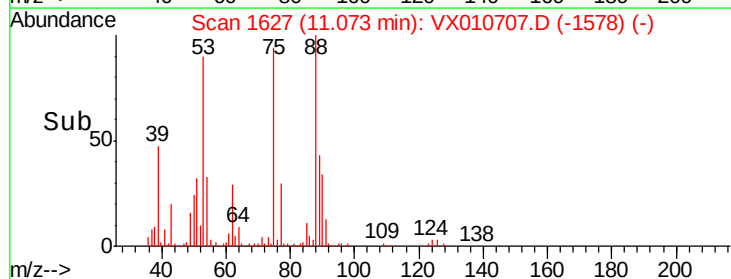
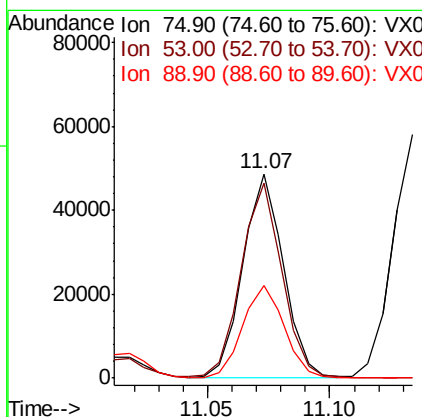
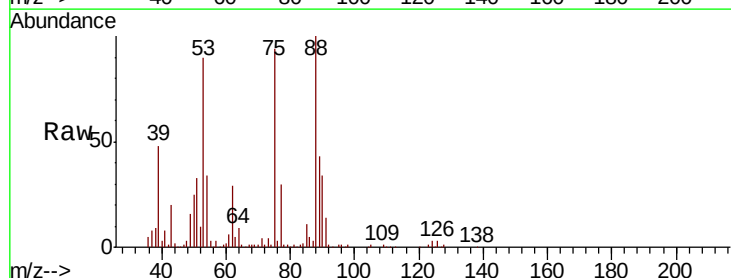
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

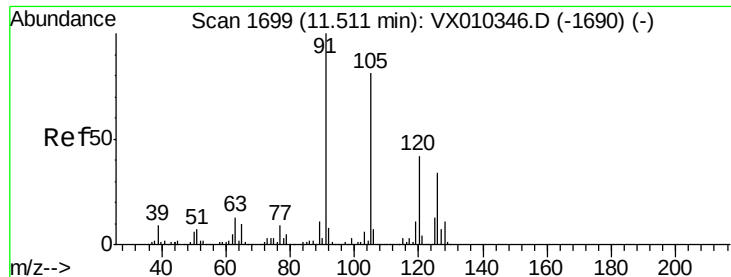
Tot Ion:105 Resp: 482244
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.167 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion: 75 Resp: 55763
 Ion Ratio Lower Upper
 75 100
 53 96.3 66.1 99.1
 89 46.8 37.8 56.6

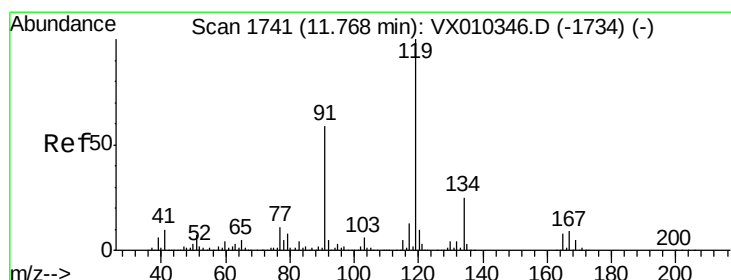
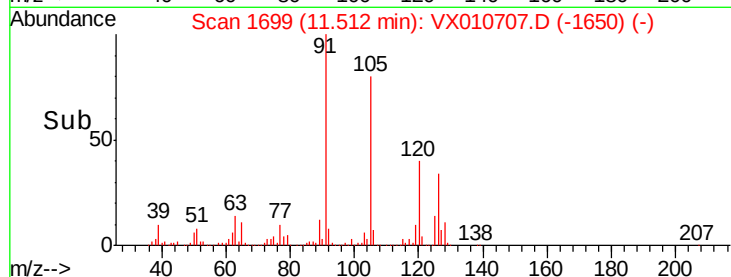
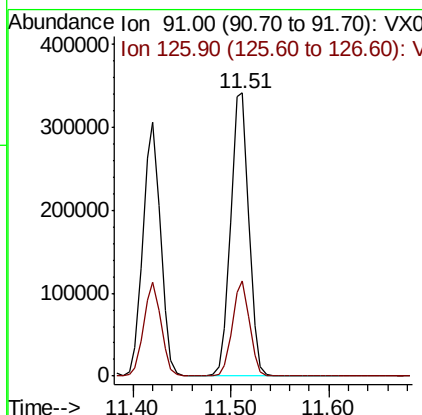
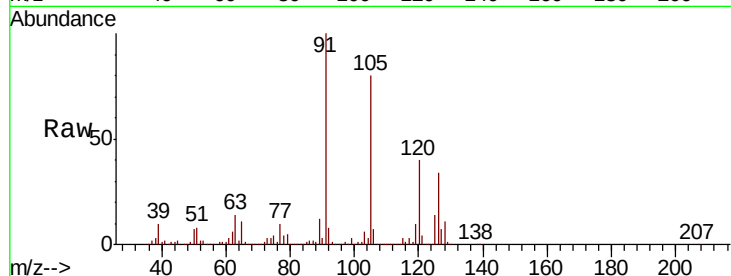




#82
4-Chlorotoluene
Concen: 51.541 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

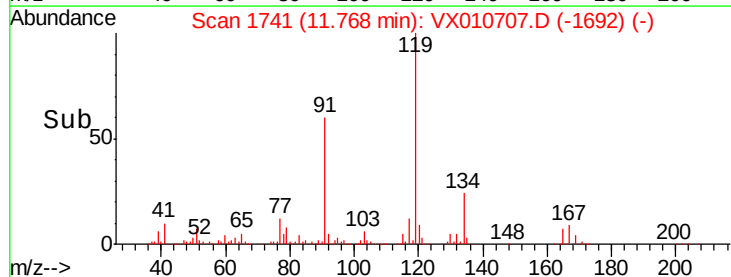
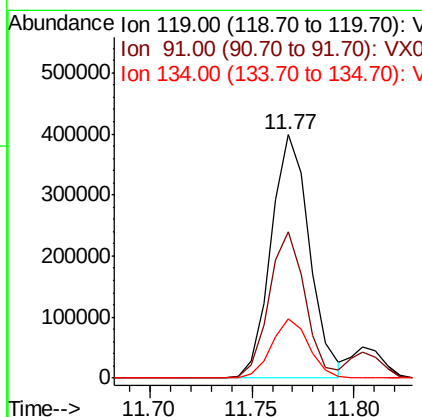
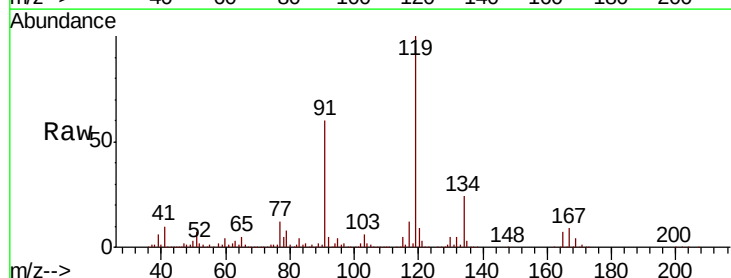
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

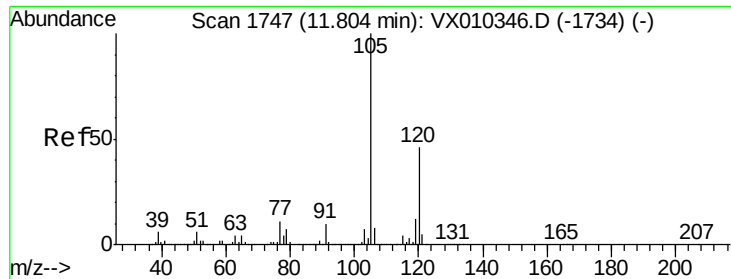
Tot Ion: 91 Resp: 440499
Ion Ratio Lower Upper
91 100
126 31.8 16.2 48.6



#83
tert-Butylbenzene
Concen: 55.277 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion: 119 Resp: 524903
Ion Ratio Lower Upper
119 100
91 56.9 27.6 82.7
134 23.6 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 52.491 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

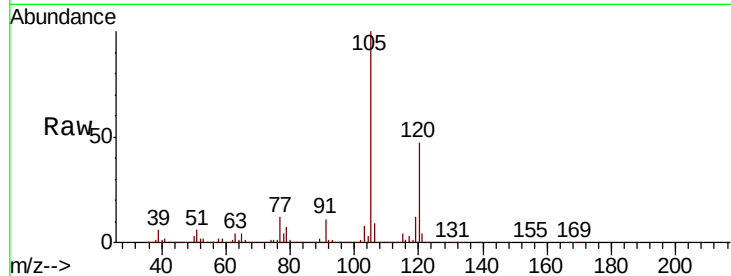
SS038RW151-190702MS

Tot Ion:105 Resp: 498943

Ion Ratio Lower Upper

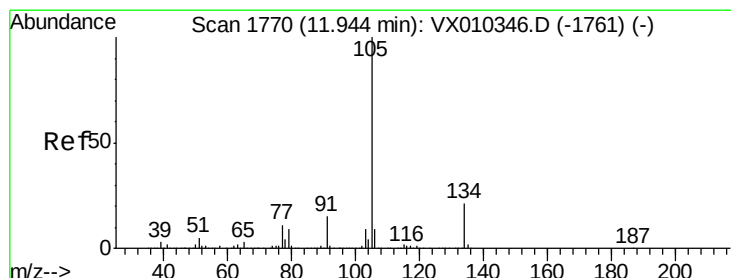
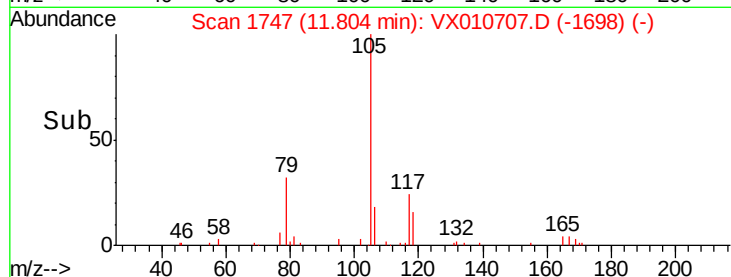
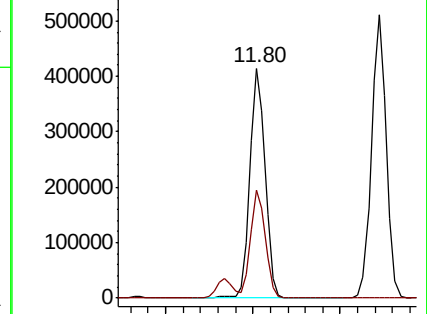
105 100

120 45.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 54.456 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010707.D

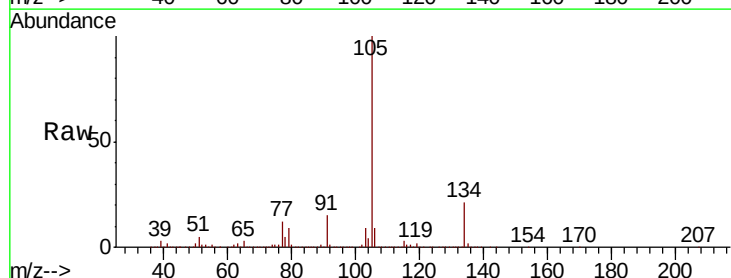
Acq: 08 Jul 2019 19:42

Tgt Ion:105 Resp: 607152

Ion Ratio Lower Upper

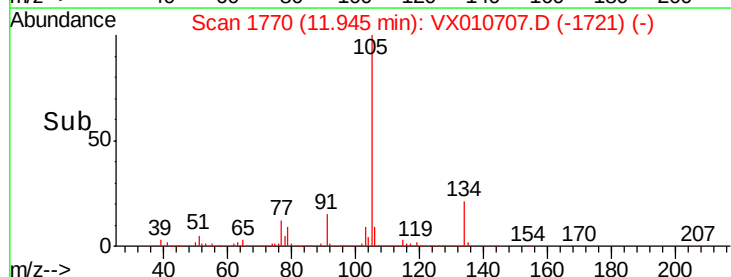
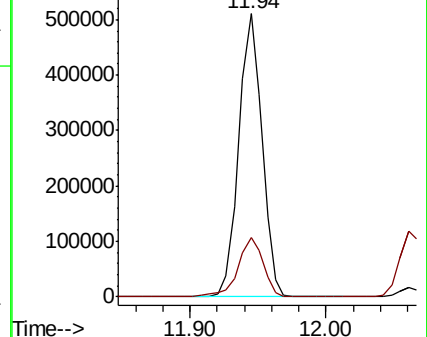
105 100

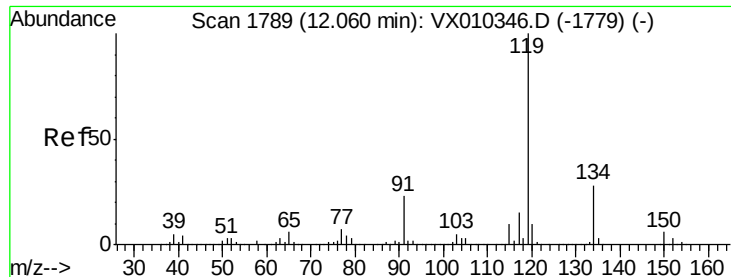
134 22.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 50.311 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

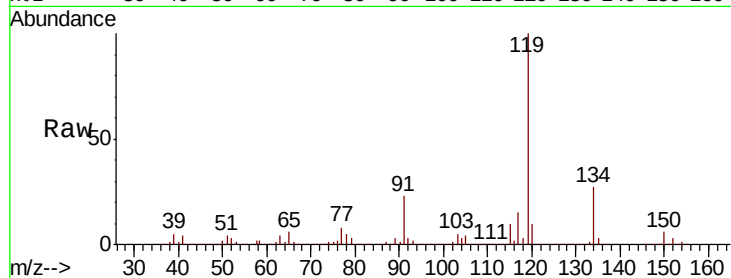
Tot Ion:119 Resp: 518850

Ion Ratio Lower Upper

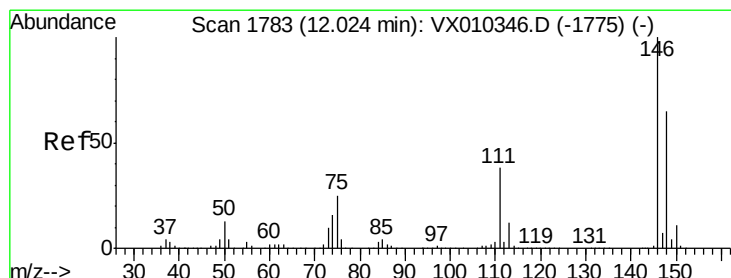
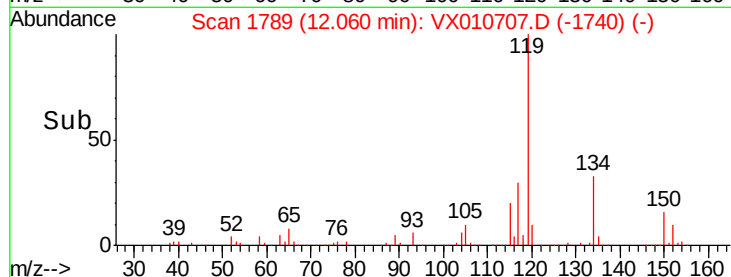
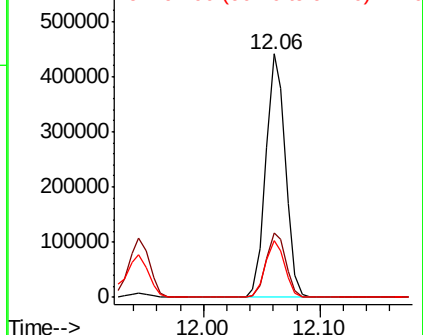
119 100

134 27.0 13.7 41.1

91 23.1 11.3 33.8



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



#87

1,3-Dichlorobenzene

Concen: 49.312 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

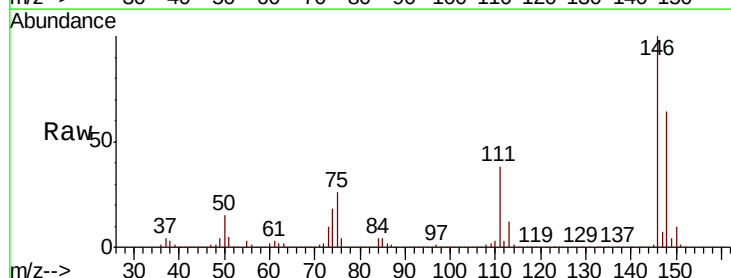
Tgt Ion:146 Resp: 275841

Ion Ratio Lower Upper

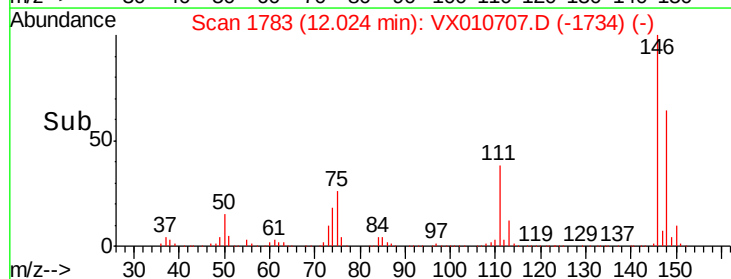
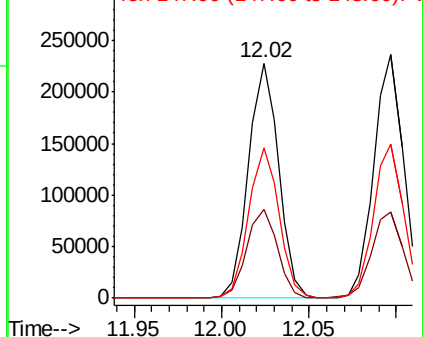
146 100

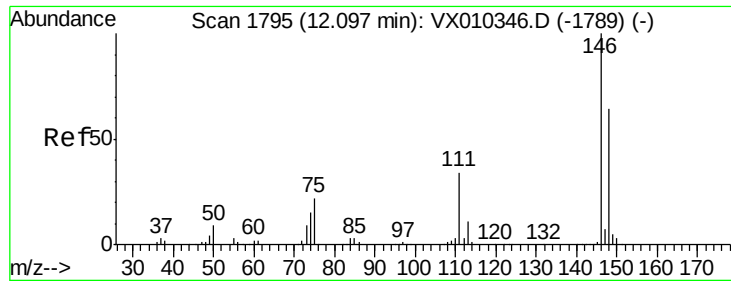
111 38.5 19.1 57.1

148 64.2 32.5 97.4



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

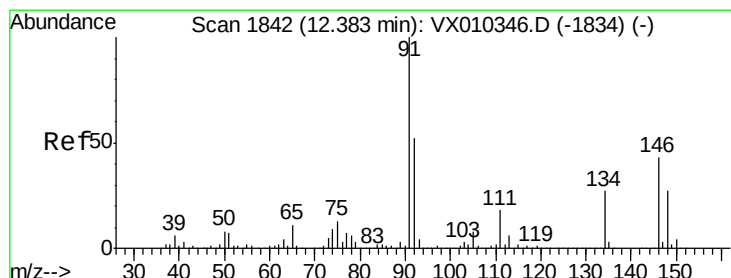
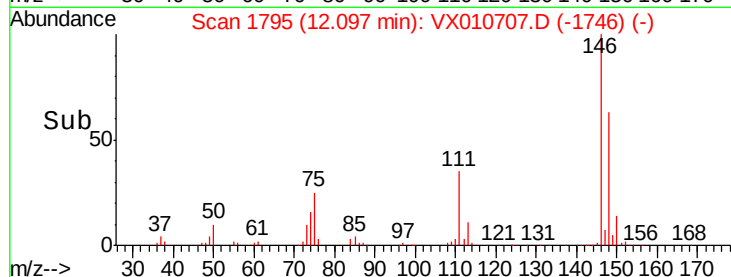
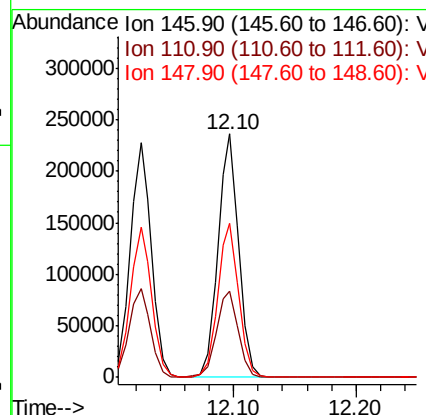
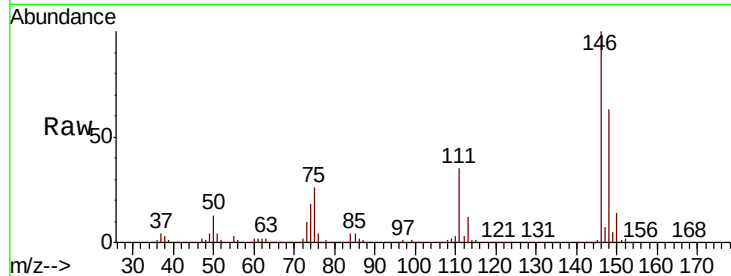




#88
 1,4-Dichlorobenzene
 Concen: 49.032 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

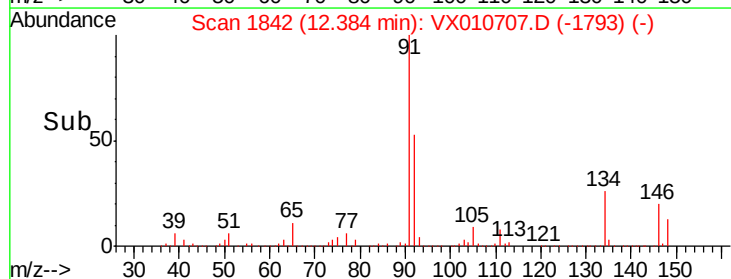
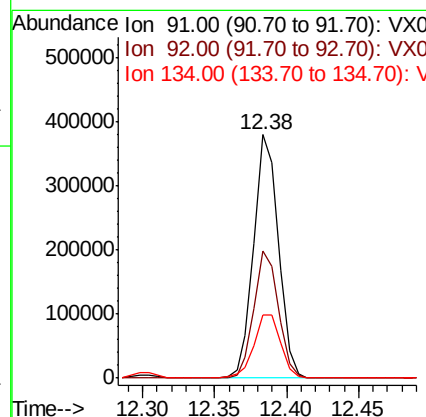
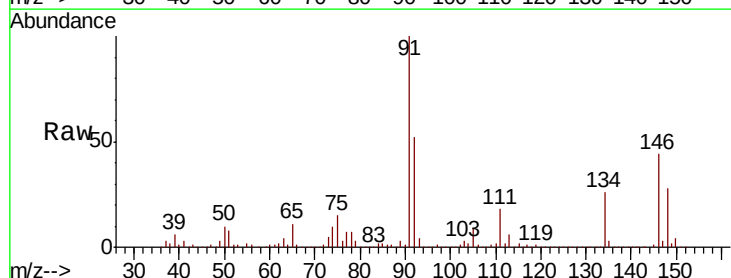
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

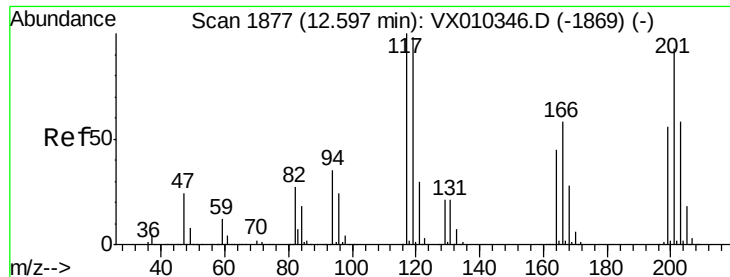
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.3
148	63.8	32.1	96.3



#89
 n-Butylbenzene
 Concen: 51.401 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.5
134	28.4	14.1	42.4

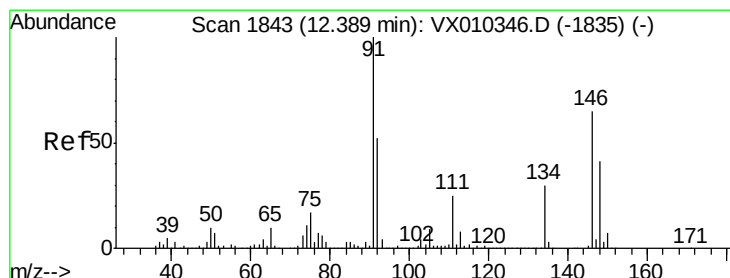
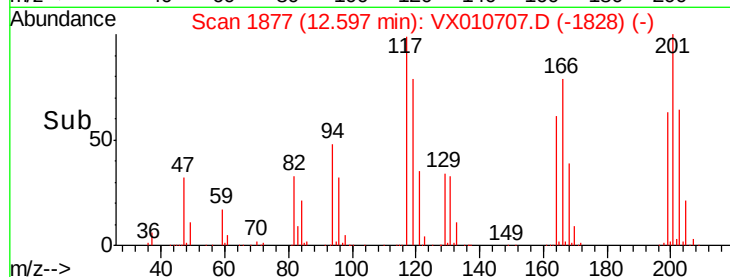
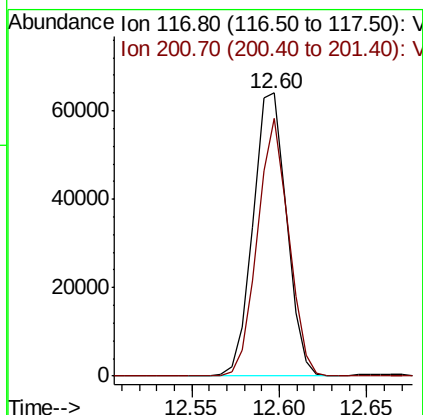
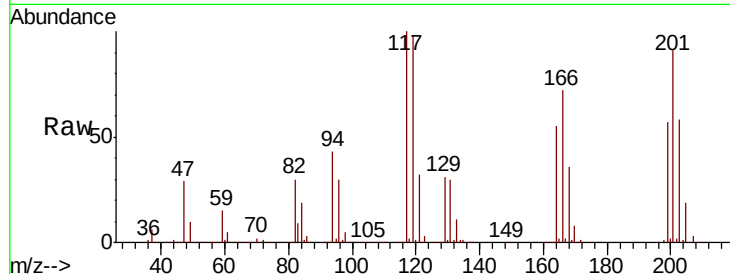




#90
Hexachloroethane
Concen: 48.003 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

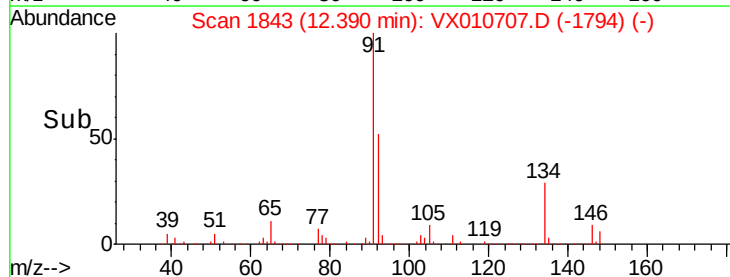
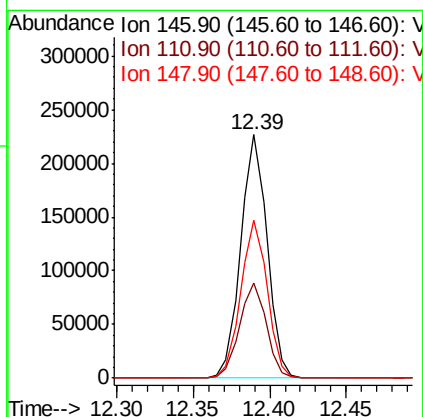
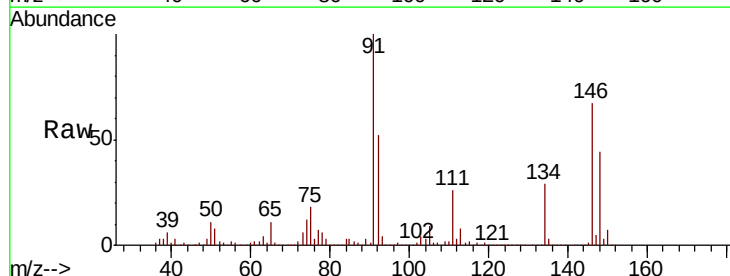
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

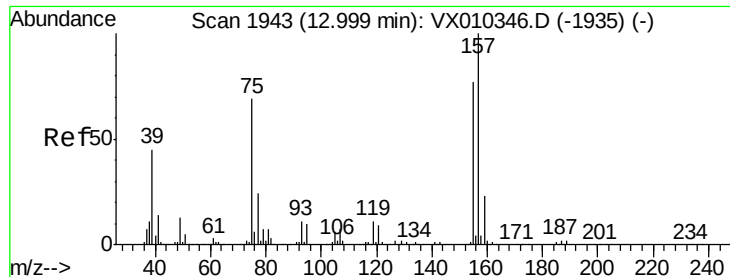
Tot Ion:117 Resp: 85600
Ion Ratio Lower Upper
117 100
201 84.3 44.0 131.8



#91
1,2-Dichlorobenzene
Concen: 48.726 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion:146 Resp: 270891
Ion Ratio Lower Upper
146 100
111 39.9 19.2 57.6
148 64.7 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.854 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

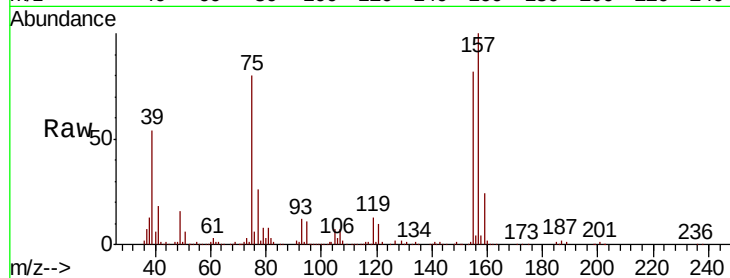
Tot Ion: 75 Resp: 40853

Ion Ratio Lower Upper

75 100

155 100.3 54.4 163.1

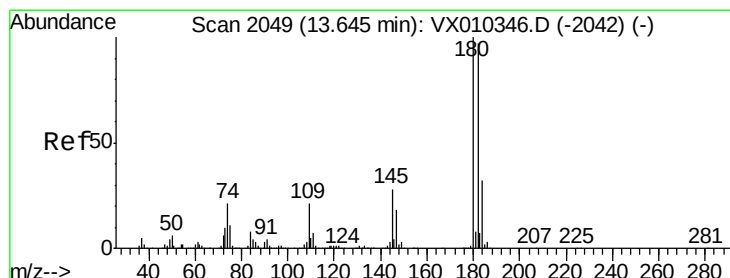
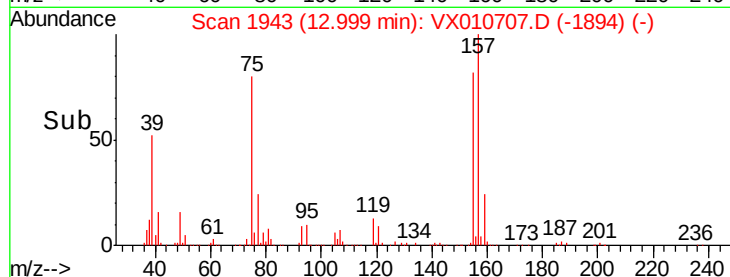
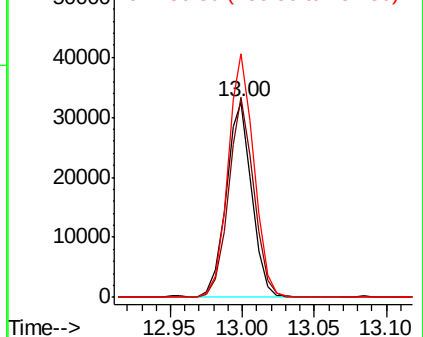
157 125.7 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 48.806 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

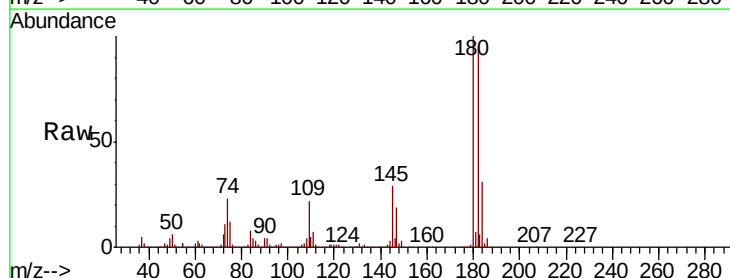
Tgt Ion:180 Resp: 188168

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.0

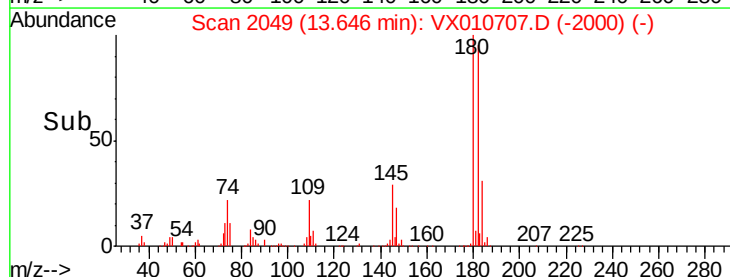
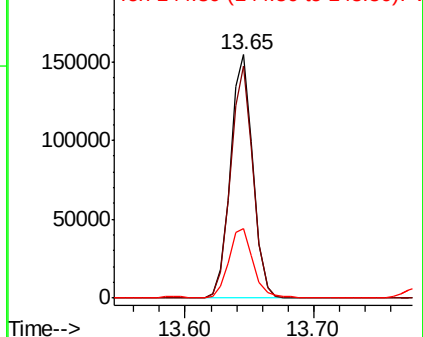
145 31.9 14.4 43.4

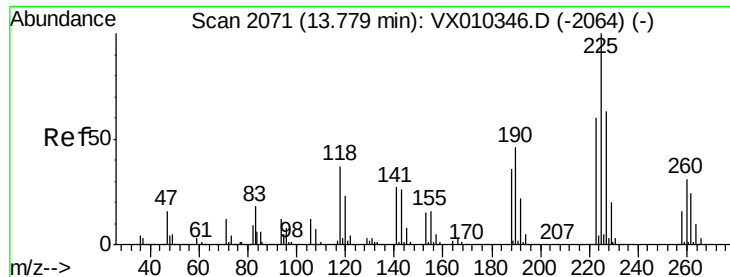


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 48.684 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

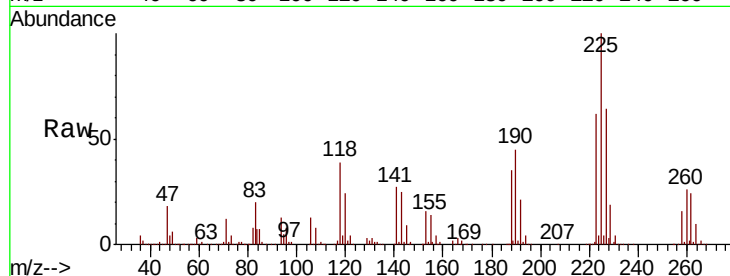
Tot Ion:225 Resp: 91734

Ion Ratio Lower Upper

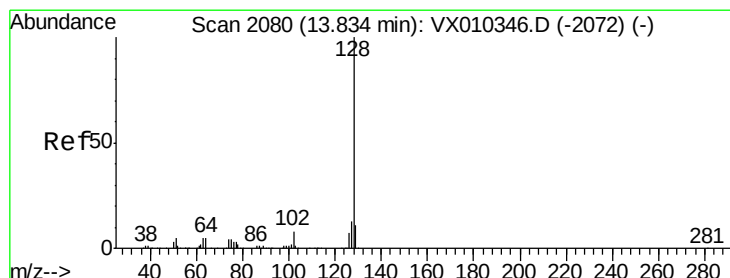
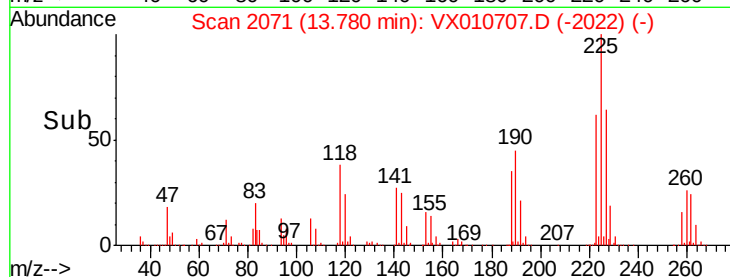
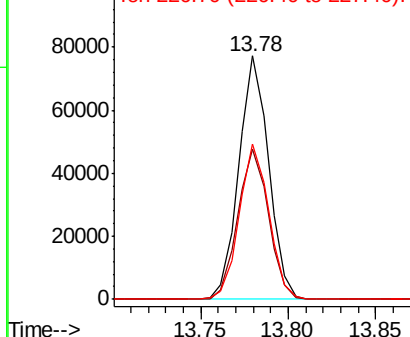
225 100

223 63.2 30.9 92.7

227 62.9 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: 50.258 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

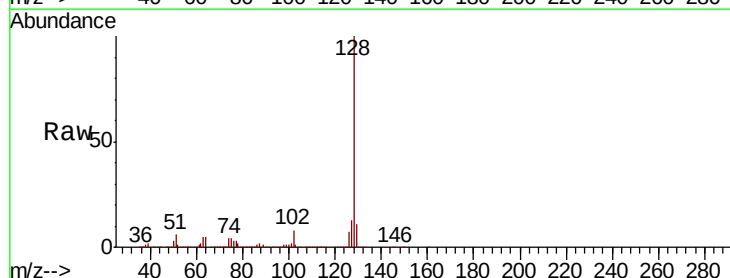
Tgt Ion:128 Resp: 595453

Ion Ratio Lower Upper

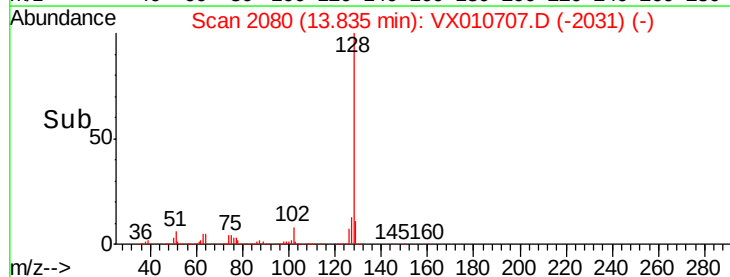
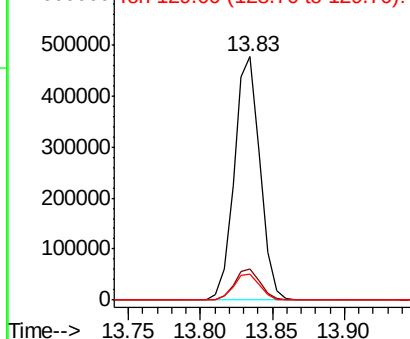
128 100

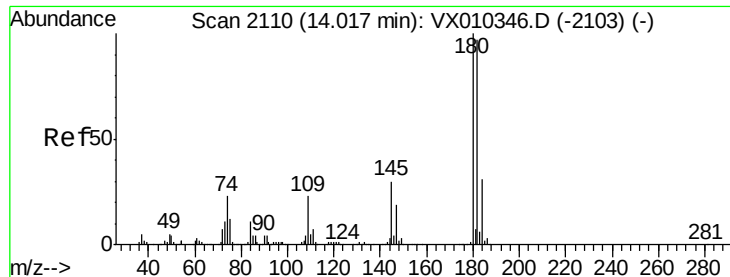
127 12.8 10.2 15.4

129 11.0 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: 49.135 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.8	143.3
145	32.9	15.2	45.6

