

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010713.D
 Acq On : 08 Jul 2019 22:49
 Operator : JC/SP
 Sample : VX0708WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

Quant Time: Jul 09 01:14:40 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	218318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156787	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	103550	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
35) Dibromofluoromethane	5.50	113	96813	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
50) Toluene-d8	8.71	98	364404	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
62) 4-Bromofluorobenzene	11.13	95	133615	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	35319	23.270	ug/l	99
3) Chloromethane	1.32	50	37869	21.426	ug/l	97
4) Vinyl Chloride	1.41	62	40775	21.063	ug/l	96
5) Bromomethane	1.64	94	23956	25.401	ug/l	99
6) Chloroethane	1.72	64	25210	22.073	ug/l	97
7) Trichlorofluoromethane	1.93	101	68002	22.160	ug/l	97
8) Diethyl Ether	2.19	74	24147	21.942	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37650	20.245	ug/l	97
10) Methyl Iodide	2.51	142	45222	17.039	ug/l	97
11) Tert butyl alcohol	3.05	59	46611	87.023	ug/l	95
12) 1,1-Dichloroethene	2.37	96	39201	20.716	ug/l	97
13) Acrolein	2.29	56	30383	85.510	ug/l	96
14) Allyl chloride	2.73	41	54732	20.372	ug/l	97
15) Acrylonitrile	3.14	53	110072	103.796	ug/l	99
16) Acetone	2.44	43	89950	87.682	ug/l	98
17) Carbon Disulfide	2.57	76	94992	18.711	ug/l	99
18) Methyl Acetate	2.78	43	46255	22.623	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	124602	20.931	ug/l	96
20) Methylene Chloride	2.85	84	45167	21.394	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	41781	20.529	ug/l	97
22) Diisopropyl ether	3.85	45	118610	21.116	ug/l	98
23) Vinyl Acetate	3.81	43	503569	103.775	ug/l	97
24) 1,1-Dichloroethane	3.70	63	68118	20.980	ug/l	99
25) 2-Butanone	4.67	43	147824	98.234	ug/l	98
26) 2,2-Dichloropropane	4.59	77	44038	15.614	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	48192	20.491	ug/l	100
28) Bromochloromethane	5.01	49	29729	19.151	ug/l	95
29) Tetrahydrofuran	5.13	42	97176	104.255	ug/l	98
30) Chloroform	5.21	83	73237	20.964	ug/l	96
31) Cyclohexane	5.58	56	61870	20.925	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	61198	19.839	ug/l	97
36) 1,1-Dichloropropene	5.80	75	52541	19.779	ug/l	98
37) Ethyl Acetate	4.83	43	56182	20.559	ug/l	99
38) Carbon Tetrachloride	5.78	117	53474	18.590	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65999	18.902	ug/l	100
40) Benzene	6.14	78	168854	20.403	ug/l	98
41) Methacrylonitrile	5.04	41	31660	21.115	ug/l	96
42) 1,2-Dichloroethane	6.19	62	54850	21.773	ug/l	99
43) Isopropyl Acetate	6.45	43	90447	20.005	ug/l	98
44) Trichloroethene	7.21	130	49159	19.851	ug/l	96
45) 1,2-Dichloropropane	7.51	63	41935	20.066	ug/l	98
46) Dibromomethane	7.66	93	29984	19.997	ug/l	97
47) Bromodichloromethane	7.90	83	51702	18.815	ug/l	97
48) Methyl methacrylate	7.77	41	42861	20.395	ug/l	99
49) 1,4-Dioxane	7.74	88	23352	385.723	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	301346	104.212	ug/l	97
52) Toluene	8.78	92	107285	19.685	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53497	17.365	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	60598	18.100	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	45102	20.066	ug/l	94
56) Ethyl methacrylate	9.18	69	66000	19.384	ug/l	96
57) 1,3-Dichloropropane	9.37	76	70207	20.122	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	148710	91.961	ug/l	99
59) 2-Hexanone	9.49	43	228912	100.583	ug/l	99
60) Dibromochloromethane	9.58	129	44224	17.573	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48302	19.909	ug/l	99
64) Tetrachloroethene	9.34	164	49578	20.313	ug/l	98
65) Chlorobenzene	10.14	112	122156	19.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	42513	19.051	ug/l	99
67) Ethyl Benzene	10.25	91	205261	19.846	ug/l	99
68) m/p-Xylenes	10.36	106	162250	40.487	ug/l	99
69) o-Xylene	10.69	106	79424	20.153	ug/l	99
70) Styrene	10.71	104	130917	19.808	ug/l	98
71) Bromoform	10.85	173	32143	16.563	ug/l #	98
73) Isopropylbenzene	11.02	105	207046	19.481	ug/l	98
74) N-amyl acetate	10.90	43	78595	19.567	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	69764	19.821	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	72417	25.347	ug/l	80
77) Bromobenzene	11.26	156	58370	19.668	ug/l	99
78) n-propylbenzene	11.36	91	229767	19.670	ug/l	100
79) 2-Chlorotoluene	11.42	91	136816	19.670	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	171621	19.588	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	17515	14.302	ug/l	90
82) 4-Chlorotoluene	11.51	91	156188	19.734	ug/l	100
83) tert-Butylbenzene	11.77	119	168059	19.111	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	175247	19.908	ug/l	99
85) sec-Butylbenzene	11.94	105	198914	19.265	ug/l	100
86) p-Isopropyltoluene	12.06	119	181799	19.035	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	98548	19.024	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	100394	19.036	ug/l	98
89) n-Butylbenzene	12.38	91	151167	18.627	ug/l	100
90) Hexachloroethane	12.60	117	26312	15.933	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	99380	19.302	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13574	17.887	ug/l	92

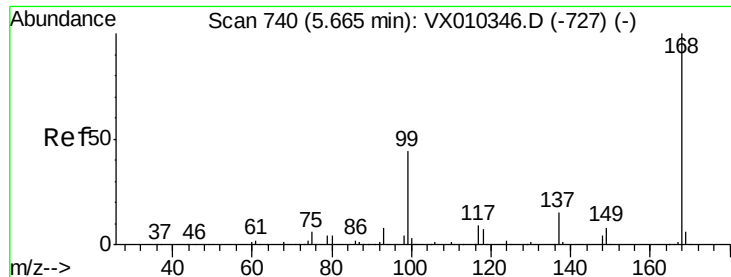
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
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ClientSampleId :
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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65028	18.213	ug/l	99
94) Hexachlorobutadiene	13.78	225	31676	18.152	ug/l	98
95) Naphthalene	13.83	128	205349	18.715	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	66684	18.784	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: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

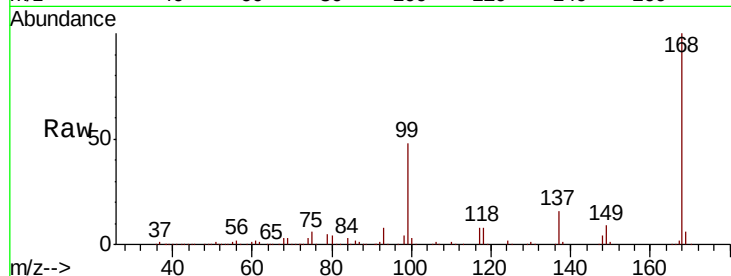
VX0708WBS02

Tot Ion:168 Resp: 218318

Ion Ratio Lower Upper

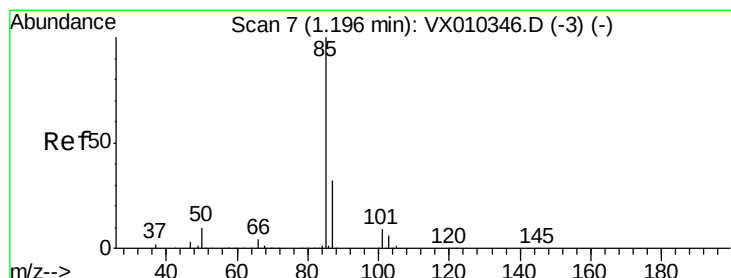
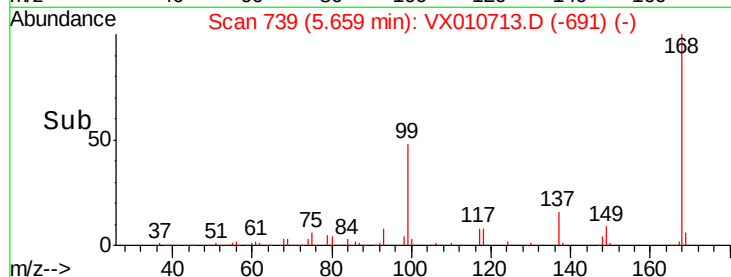
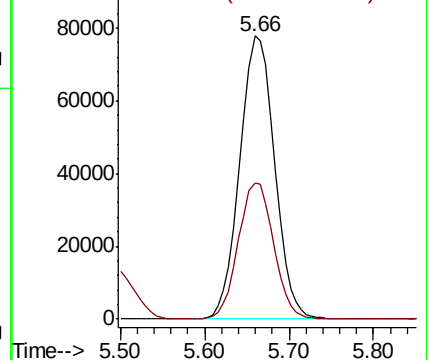
168 100

99 48.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 23.270 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010713.D

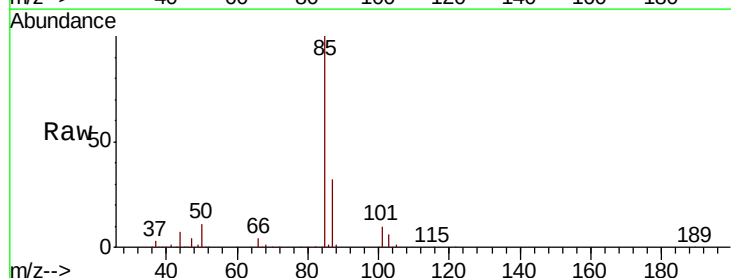
Acq: 08 Jul 2019 22:49

Tgt Ion: 85 Resp: 35319

Ion Ratio Lower Upper

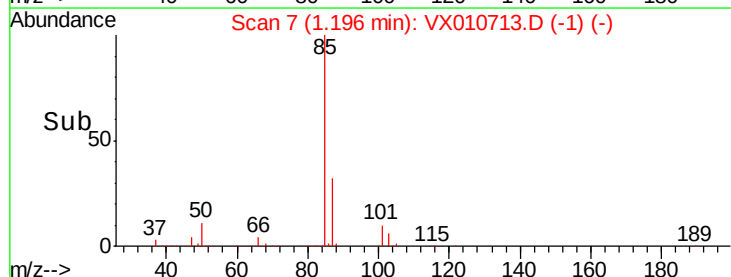
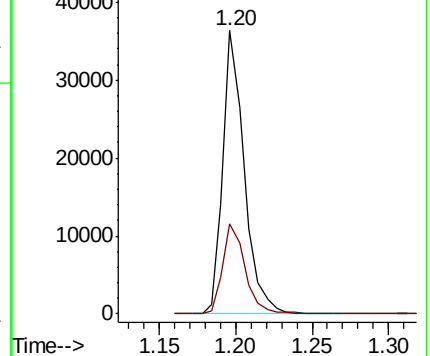
85 100

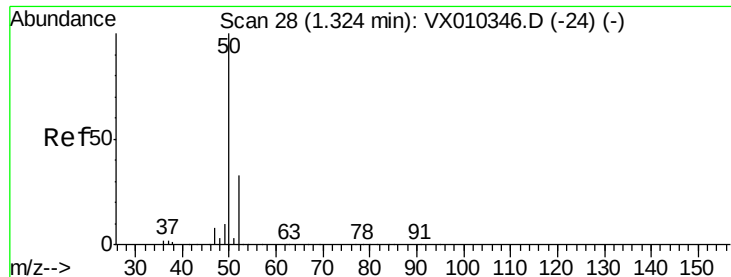
87 32.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.426 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

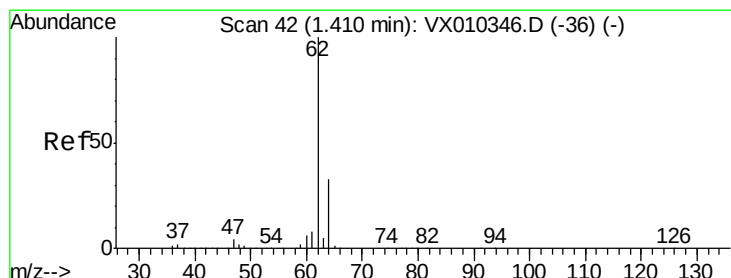
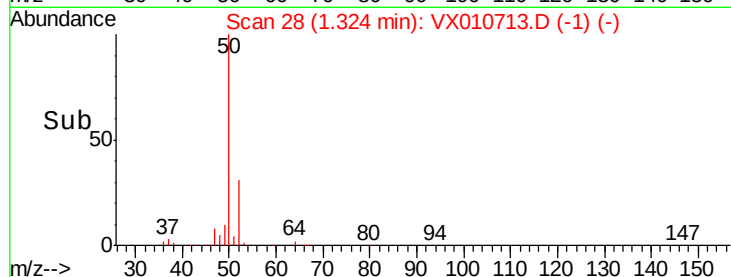
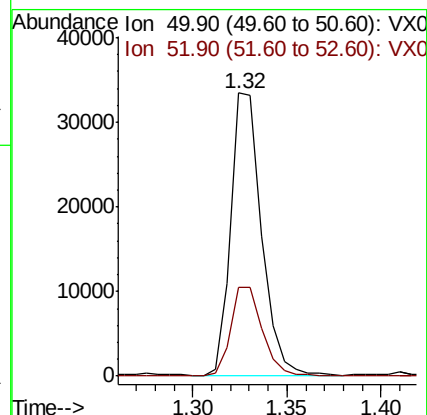
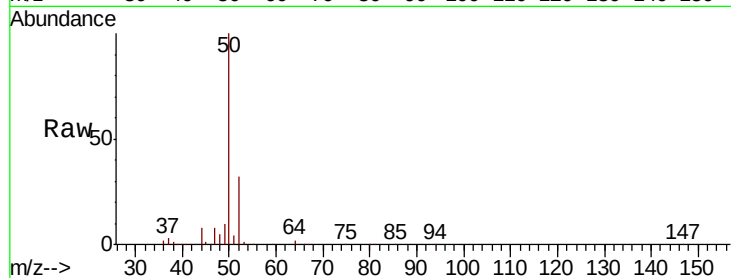
VX0708WBS02

Tot Ion: 50 Resp: 37869

Ion Ratio Lower Upper

50 100

52 31.4 26.5 39.7



#4

Vinyl Chloride

Concen: 21.063 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010713.D

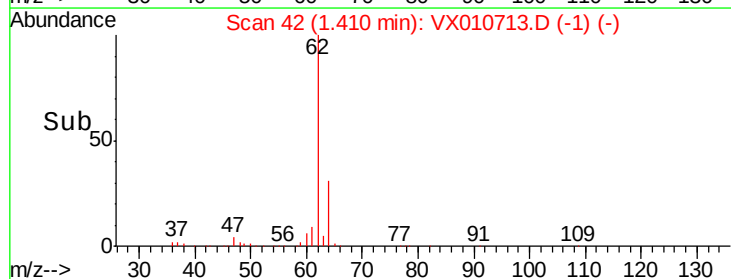
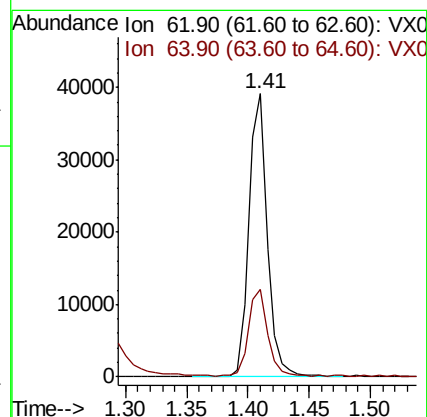
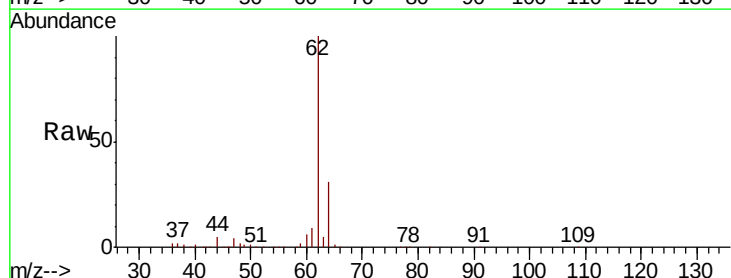
Acq: 08 Jul 2019 22:49

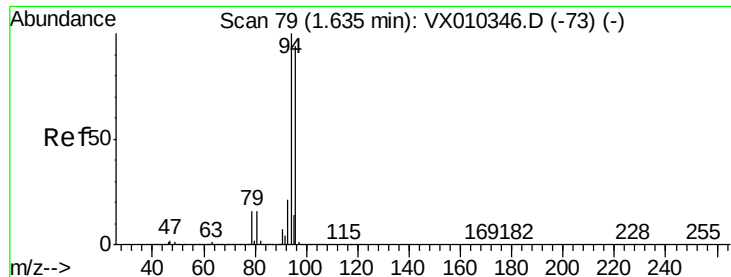
Tgt Ion: 62 Resp: 40775

Ion Ratio Lower Upper

62 100

64 30.4 26.2 39.4





#5

Bromomethane

Concen: 25.401 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

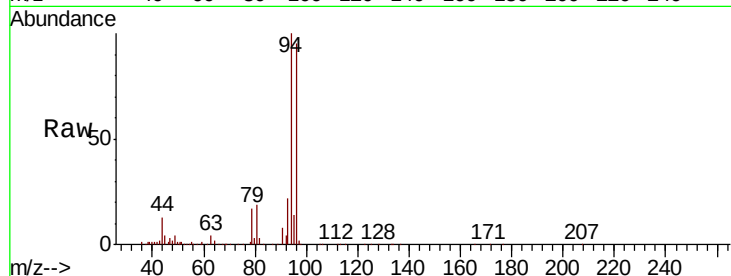
VX0708WBS02

Tot Ion: 94 Resp: 23956

Ion Ratio Lower Upper

94 100

96 95.0 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

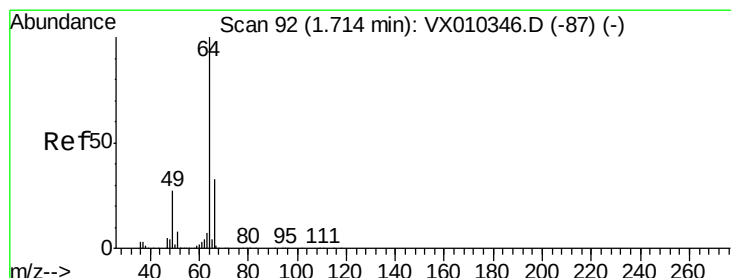
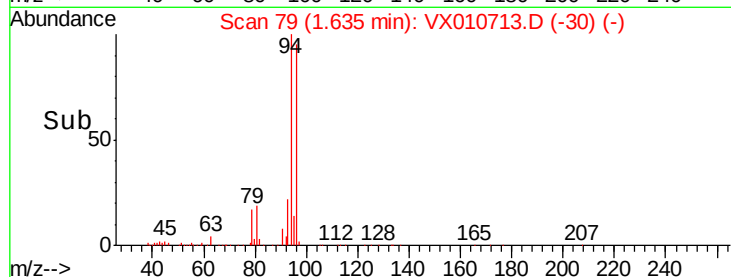
15000

10000

5000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 22.073 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010713.D

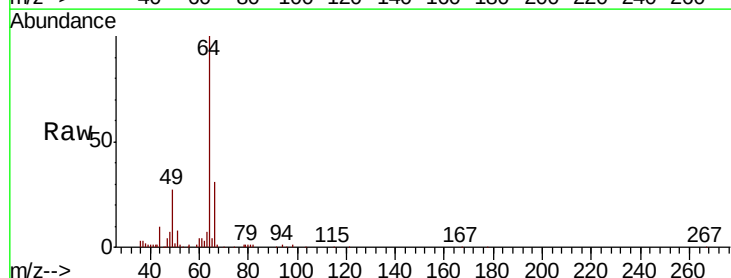
Acq: 08 Jul 2019 22:49

Tgt Ion: 64 Resp: 25210

Ion Ratio Lower Upper

64 100

66 31.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

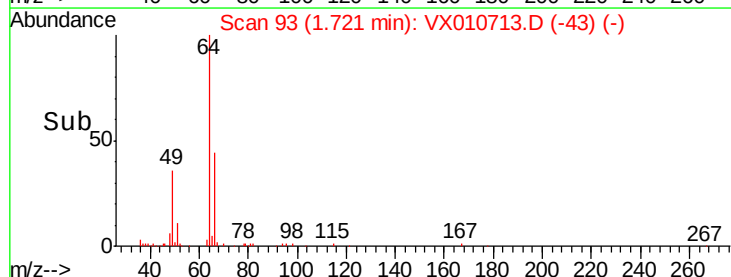
15000

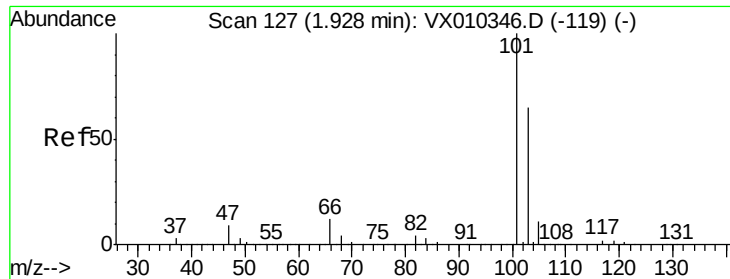
10000

5000

0

Time--> 1.65 1.70 1.75 1.80



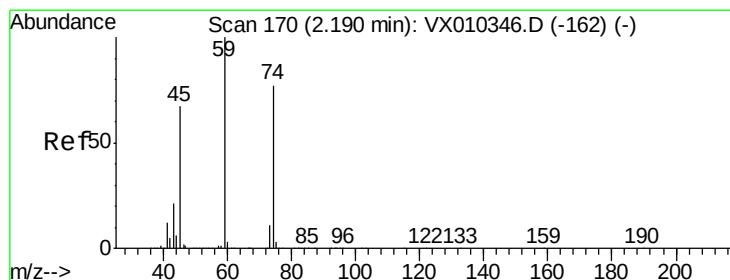
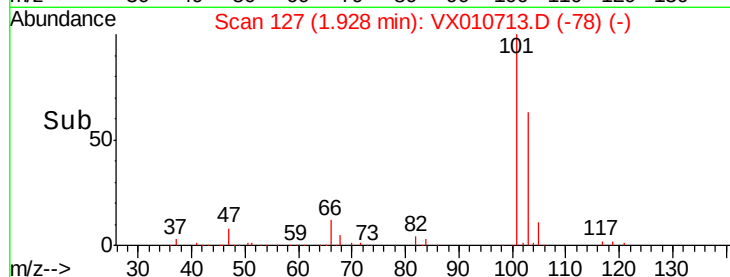
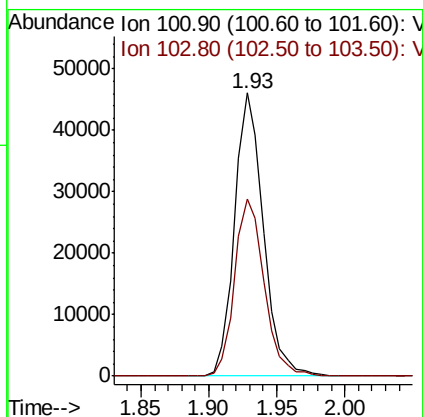
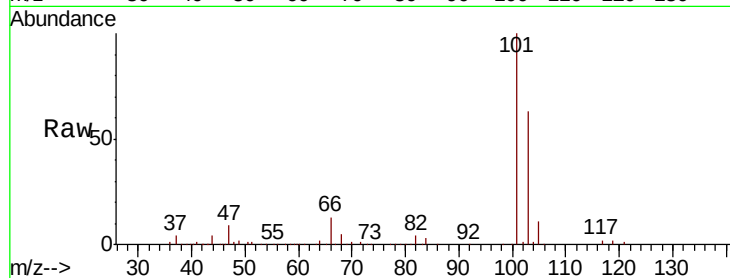


#7

Trichlorofluoromethane
Concen: 22.160 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

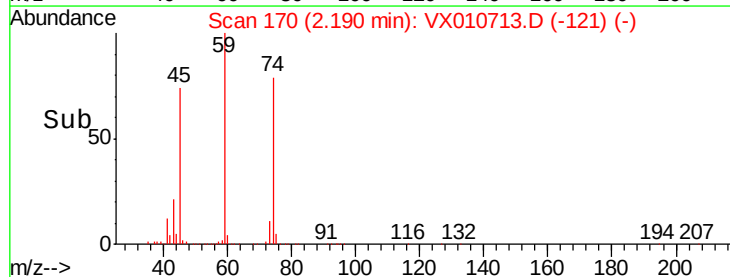
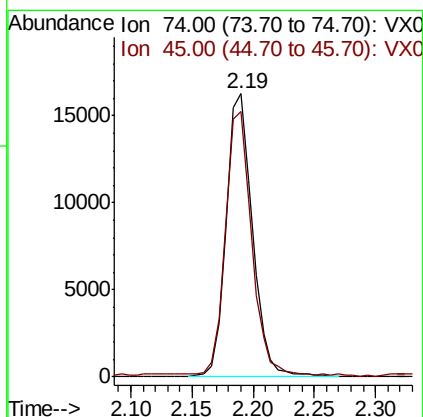
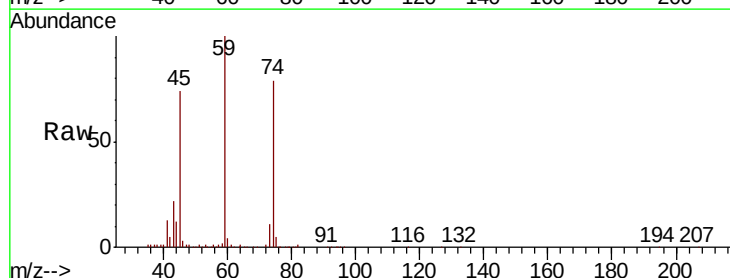
Tot Ion:101 Resp: 68002
Ion Ratio Lower Upper
101 100
103 62.8 52.3 78.5

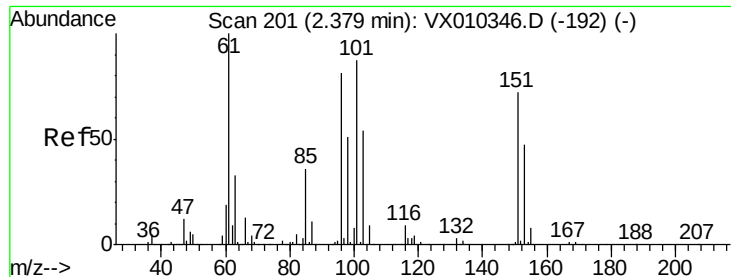


#8

Diethyl Ether
Concen: 21.942 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

Tgt Ion: 74 Resp: 24147
Ion Ratio Lower Upper
74 100
45 93.2 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.245 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

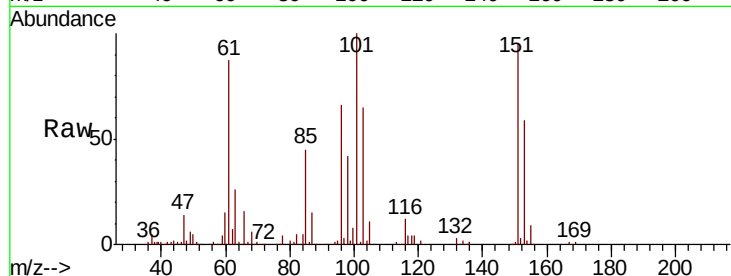
Tot Ion:101 Resp: 37650

Ion Ratio Lower Upper

101 100

85 44.5 33.7 50.5

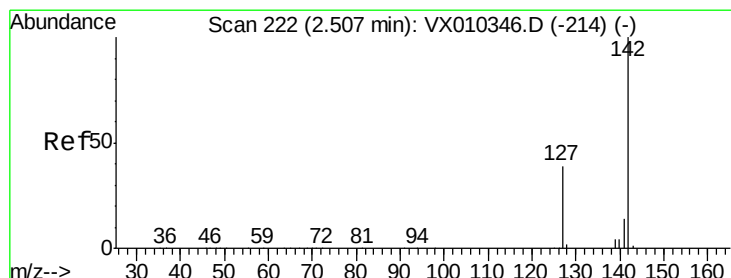
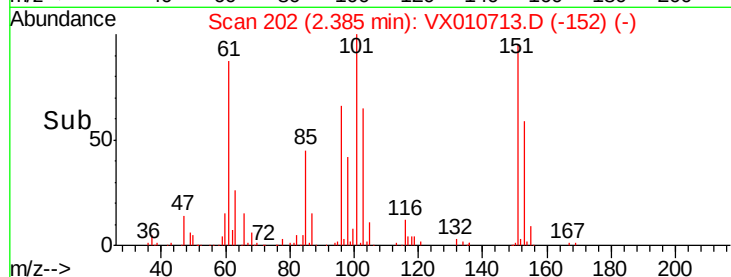
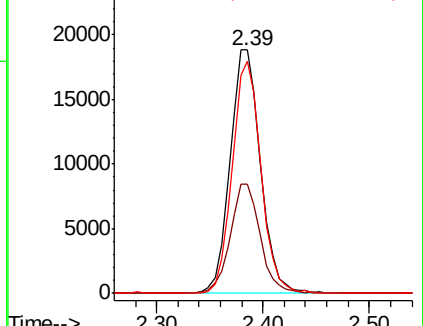
151 90.6 70.1 105.1



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: 17.039 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

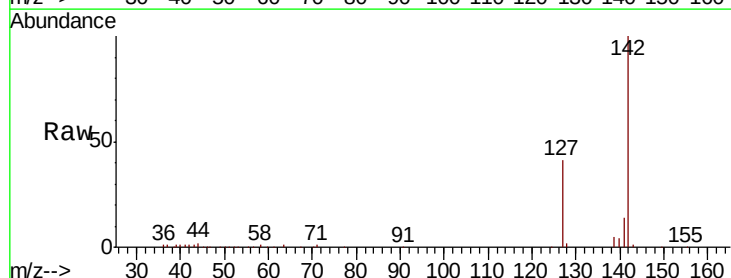
Tgt Ion:142 Resp: 45222

Ion Ratio Lower Upper

142 100

127 41.4 31.1 46.7

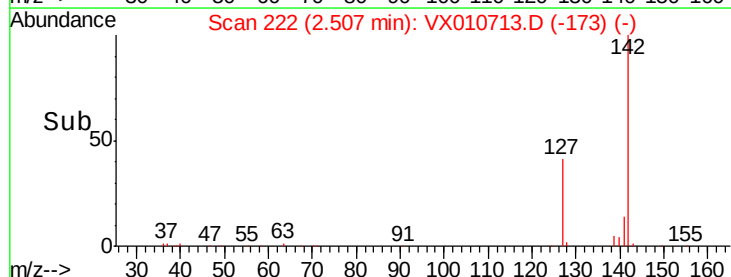
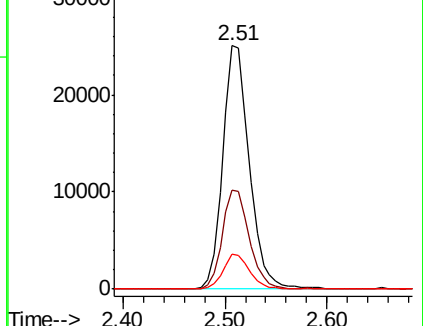
141 14.1 11.2 16.8

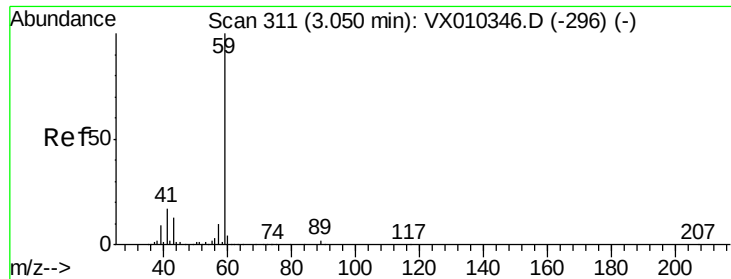


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



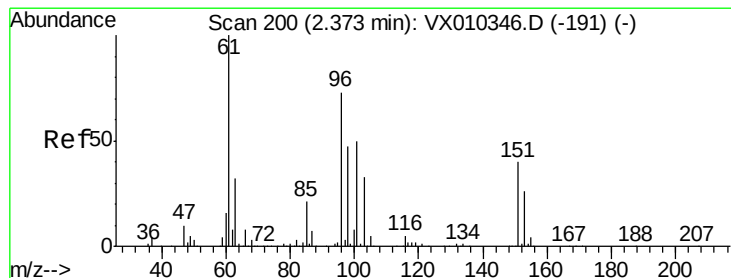
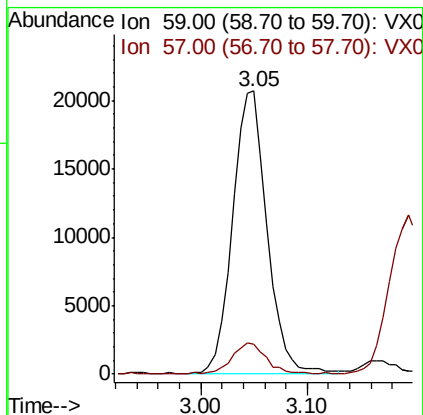
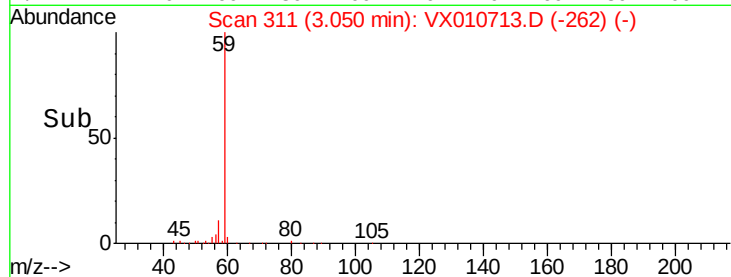
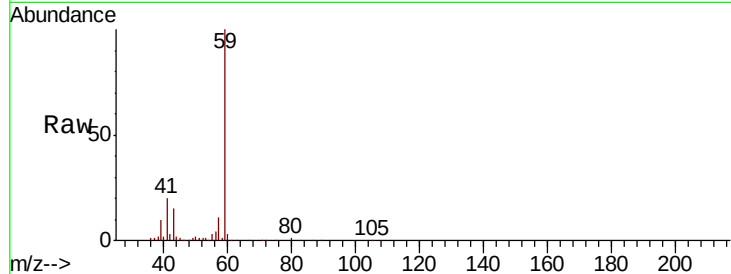


#11

Tert butyl alcohol
Concen: 87.023 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

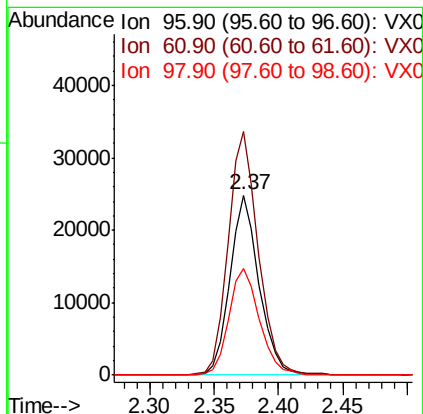
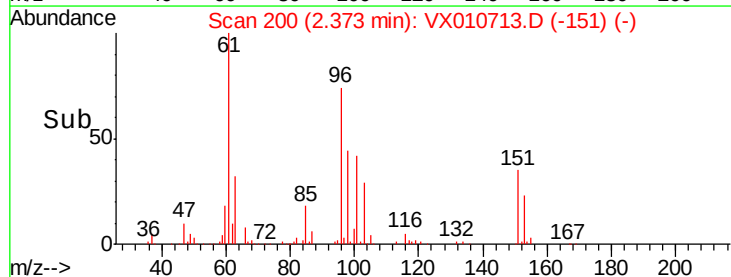
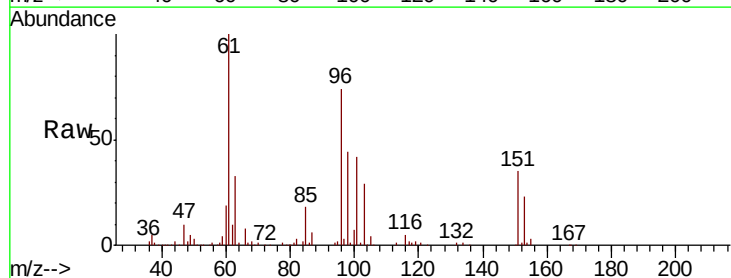
Tot Ion: 59 Resp: 46611
Ion Ratio Lower Upper
59 100
57 11.3 7.7 11.5

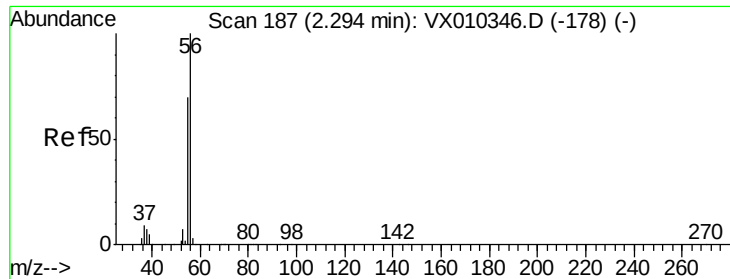


#12

1,1-Dichloroethene
Concen: 20.716 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

Tgt Ion: 96 Resp: 39201
Ion Ratio Lower Upper
96 100
61 135.3 109.2 163.8
98 59.3 51.1 76.7





#13

Acrolein

Concen: 85.510 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

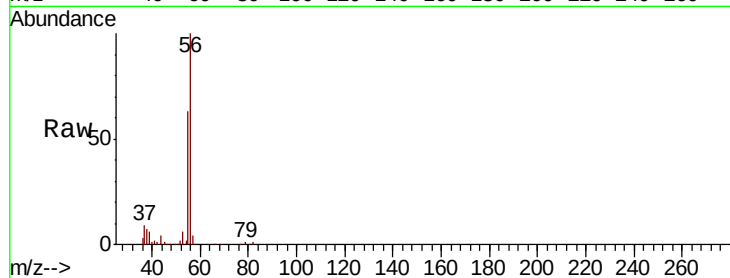
VX0708WBS02

Tot Ion: 56 Resp: 30383

Ion Ratio Lower Upper

56 100

55 67.9 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

20000

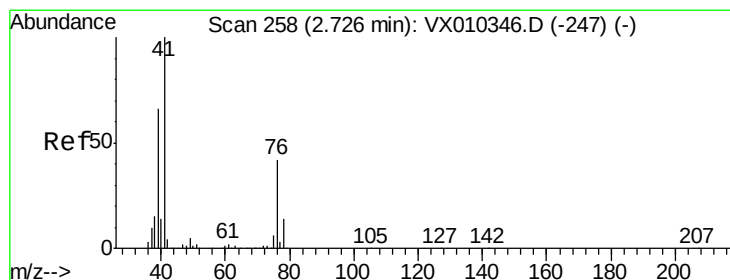
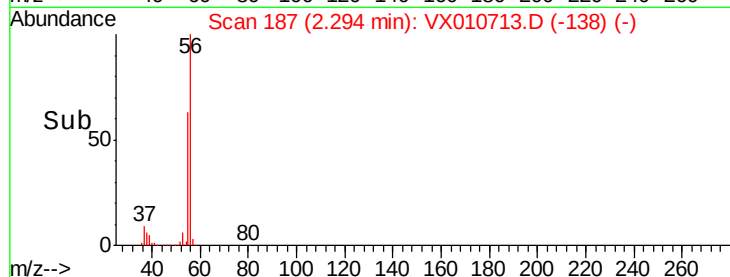
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 20.372 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

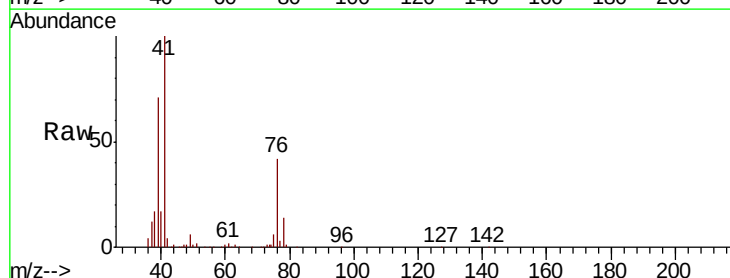
Tgt Ion: 41 Resp: 54732

Ion Ratio Lower Upper

41 100

39 66.2 50.3 75.5

76 38.0 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

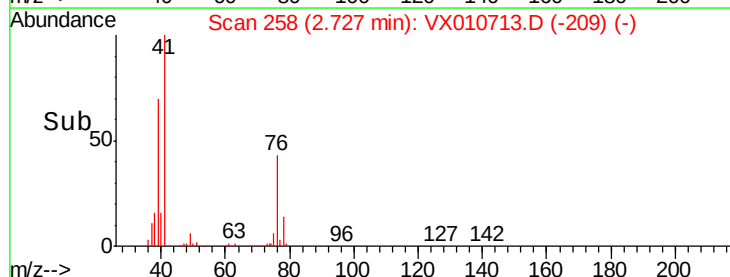
30000

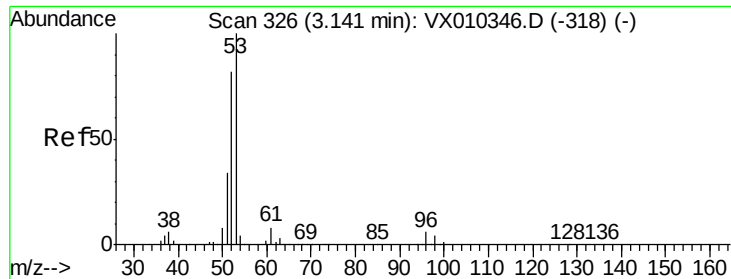
20000

10000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 103.796 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

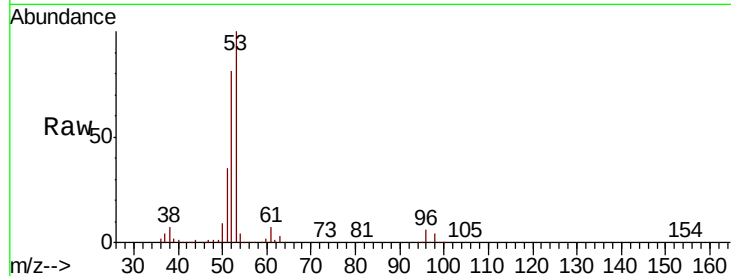
Tot Ion: 53 Resp: 110072

Ion Ratio Lower Upper

53 100

52 82.4 65.5 98.3

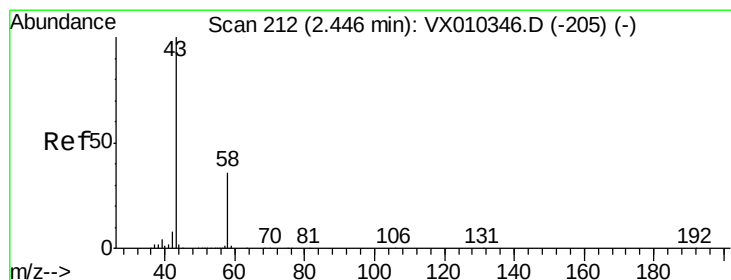
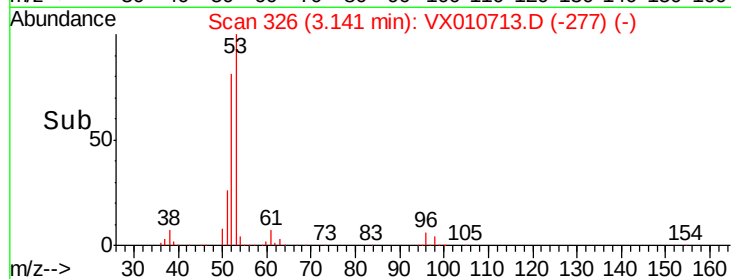
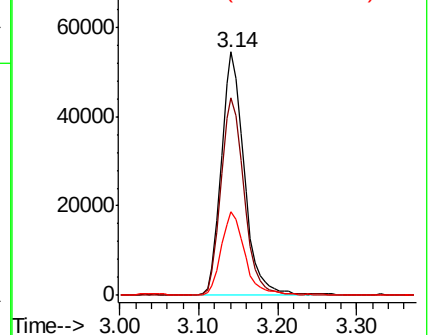
51 35.9 28.2 42.4



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: 87.682 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010713.D

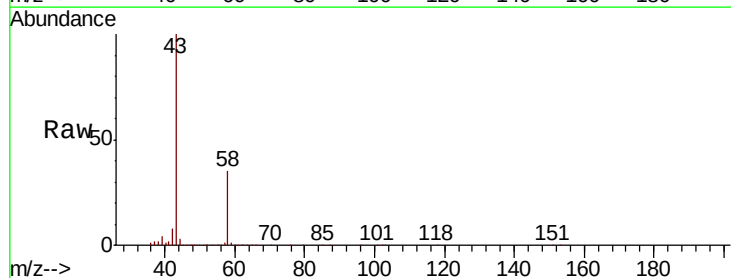
Acq: 08 Jul 2019 22:49

Tgt Ion: 43 Resp: 89950

Ion Ratio Lower Upper

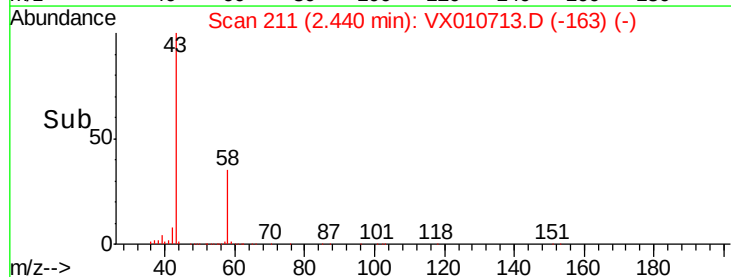
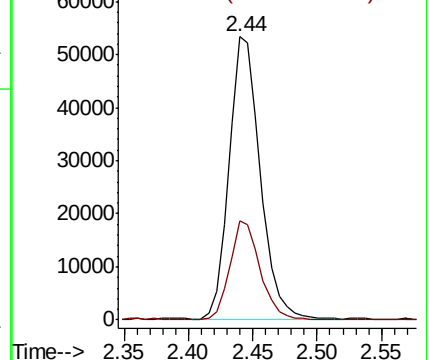
43 100

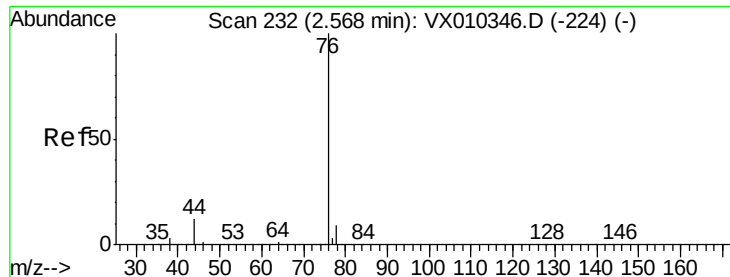
58 34.7 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.711 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

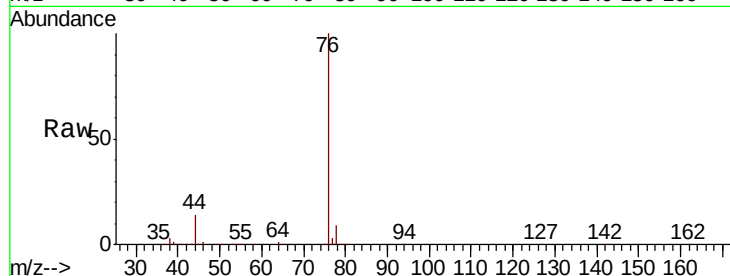
VX0708WBS02

Tot Ion: 76 Resp: 94992

Ion Ratio Lower Upper

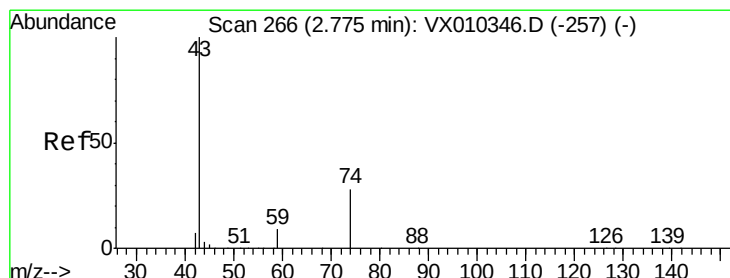
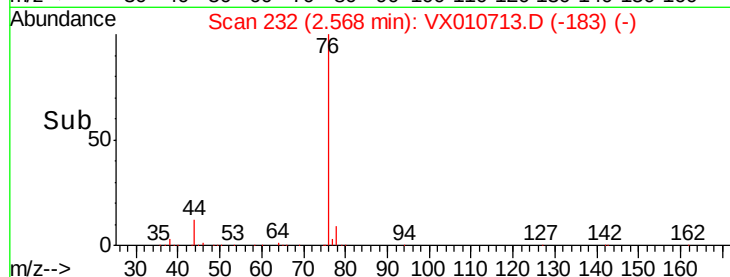
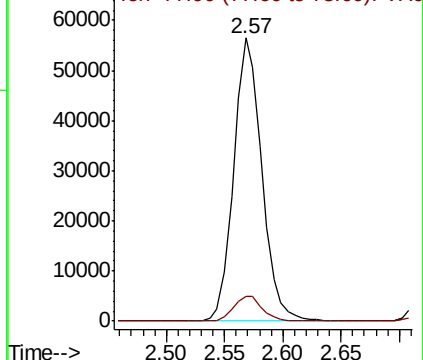
76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.623 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010713.D

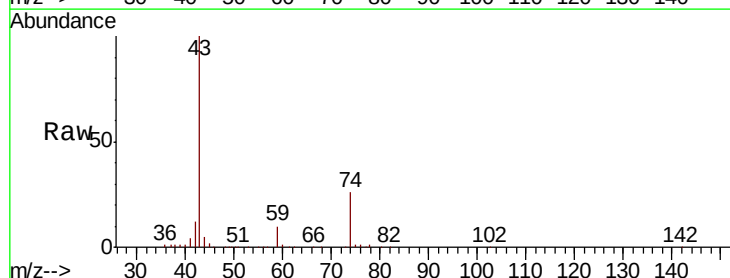
Acq: 08 Jul 2019 22:49

Tgt Ion: 43 Resp: 46255

Ion Ratio Lower Upper

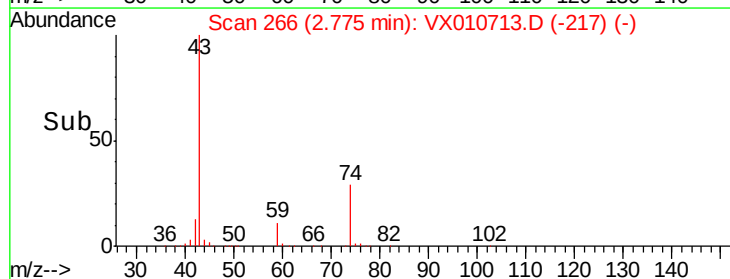
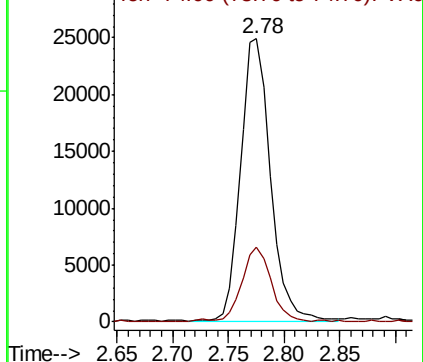
43 100

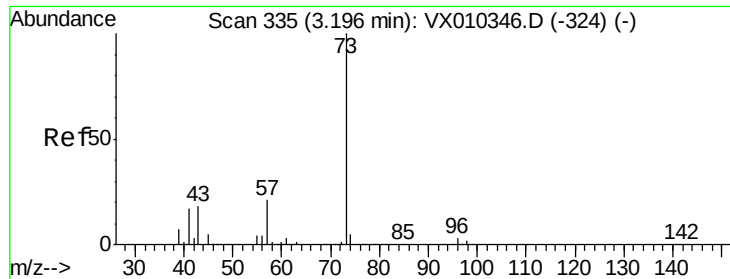
74 25.1 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



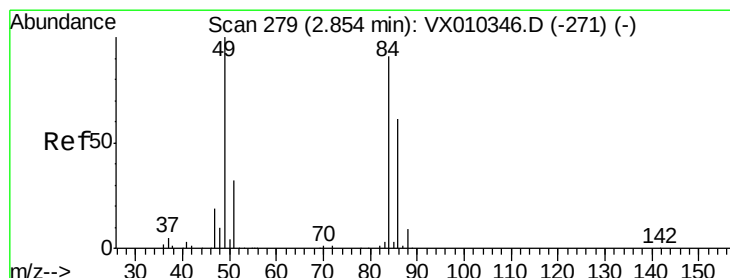
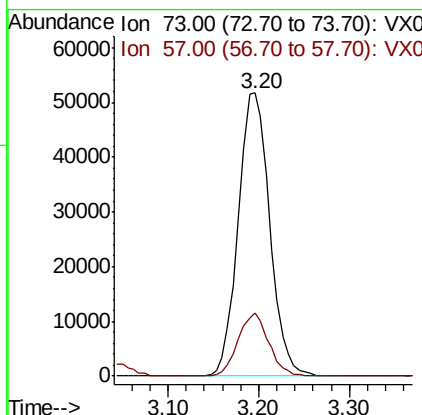
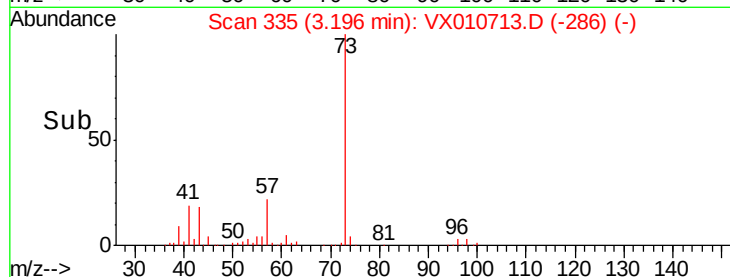
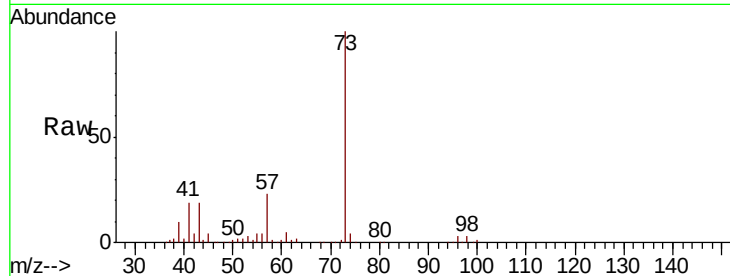


#19

Methyl tert-butyl Ether
 Concen: 20.931 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

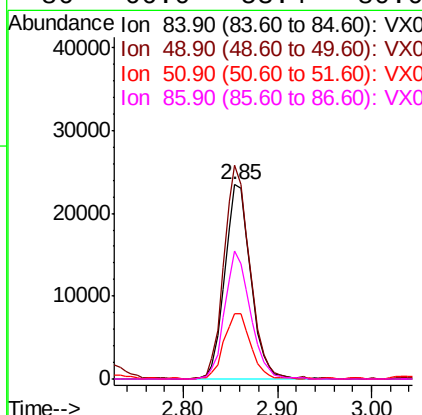
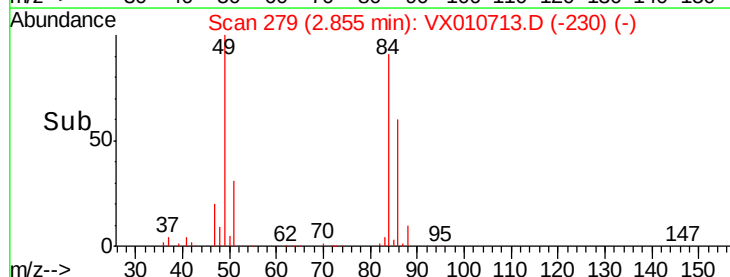
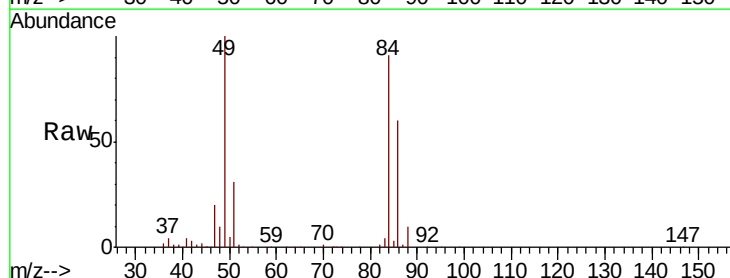
Tot Ion: 73 Resp: 124602
 Ion Ratio Lower Upper
 73 100
 57 22.5 16.4 24.6

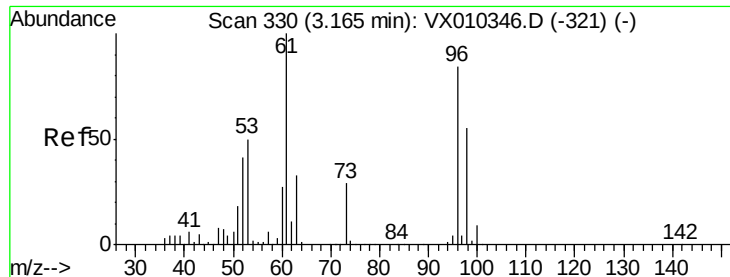


#20

Methylene Chloride
 Concen: 21.394 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

Tgt Ion: 84 Resp: 45167
 Ion Ratio Lower Upper
 84 100
 49 110.0 87.5 131.3
 51 33.9 27.7 41.5
 86 66.0 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 20.529 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

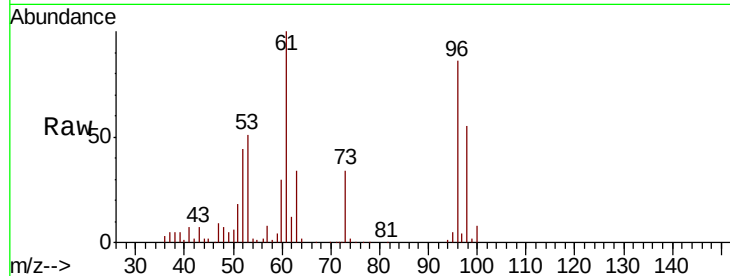
Tot Ion: 96 Resp: 41781

Ion Ratio Lower Upper

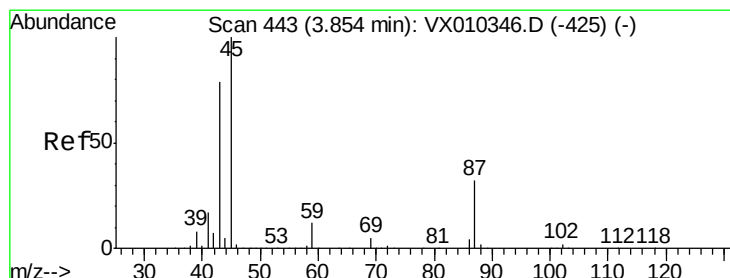
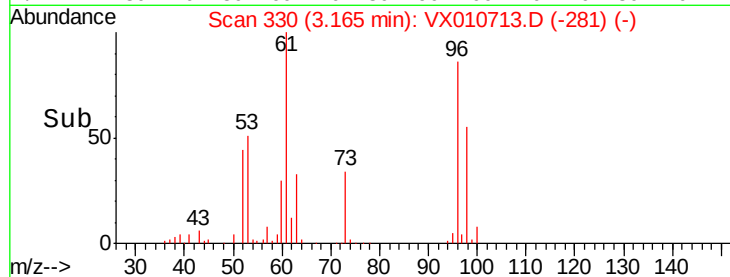
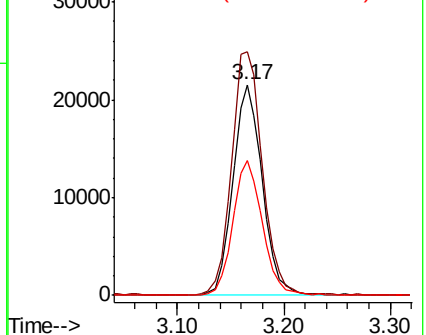
96 100

61 115.8 95.6 143.4

98 63.8 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: 21.116 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Tgt Ion: 45 Resp: 118610

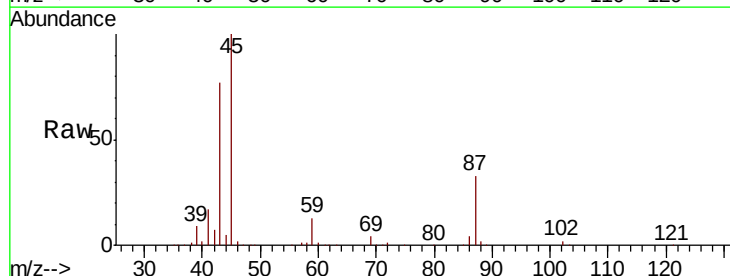
Ion Ratio Lower Upper

45 100

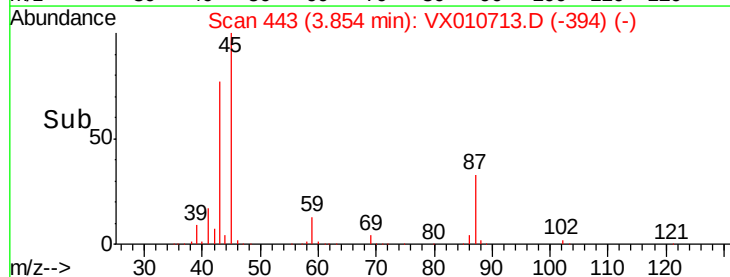
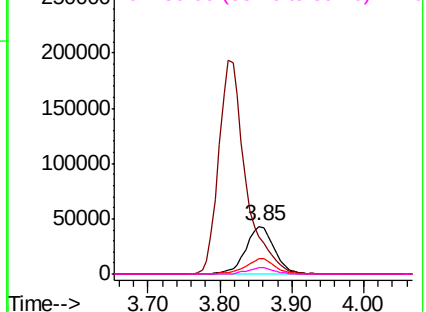
43 76.9 63.3 94.9

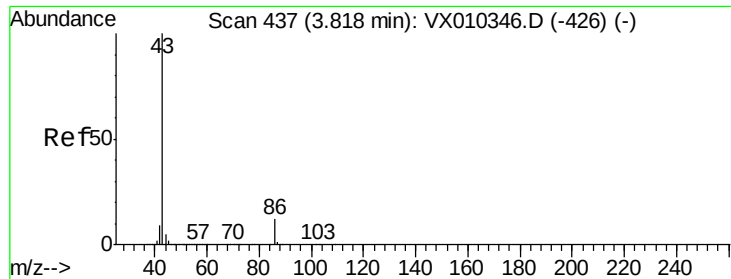
87 32.5 25.8 38.8

59 12.8 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: 103.775 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

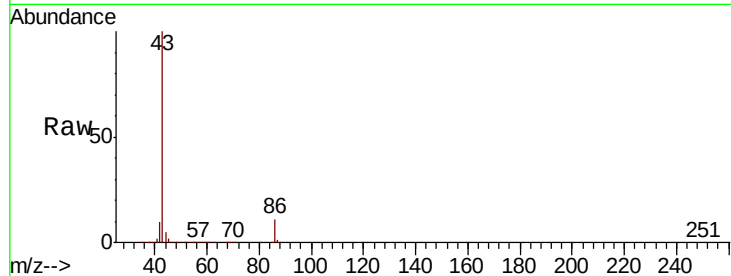
VX0708WBS02

Tot Ion: 43 Resp: 503569

Ion Ratio Lower Upper

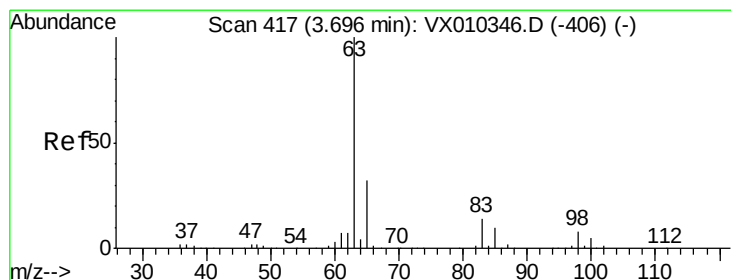
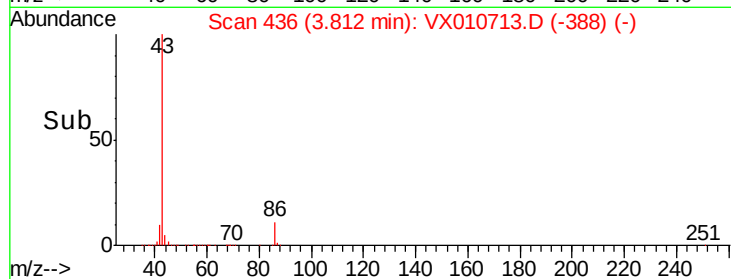
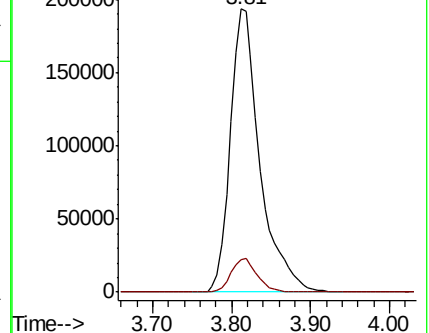
43 100

86 11.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.980 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

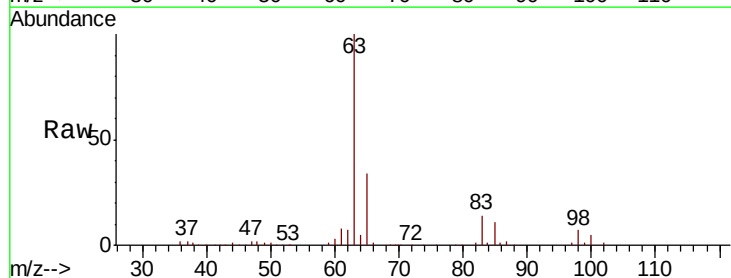
Tgt Ion: 63 Resp: 68118

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

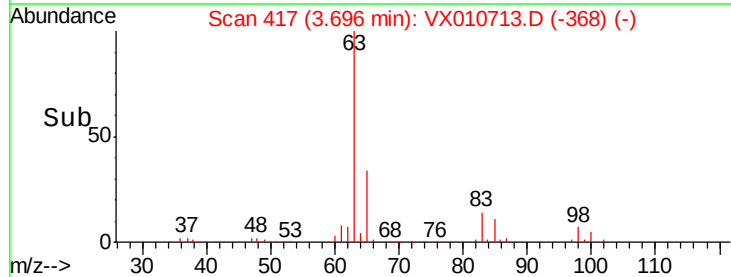
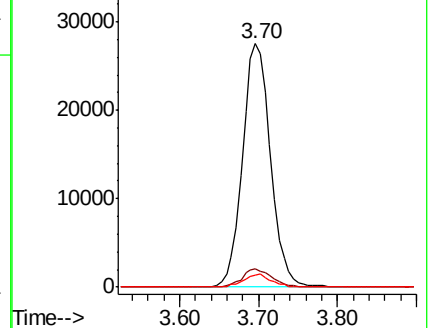
100 5.1 2.4 7.1

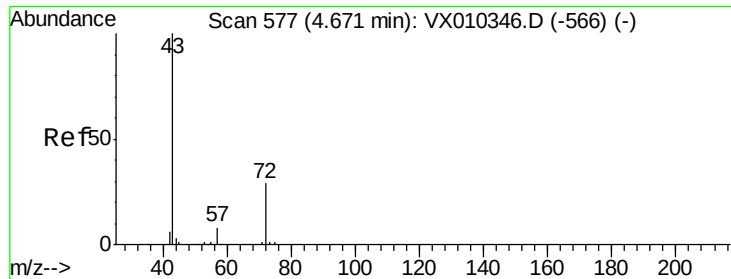


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.234 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

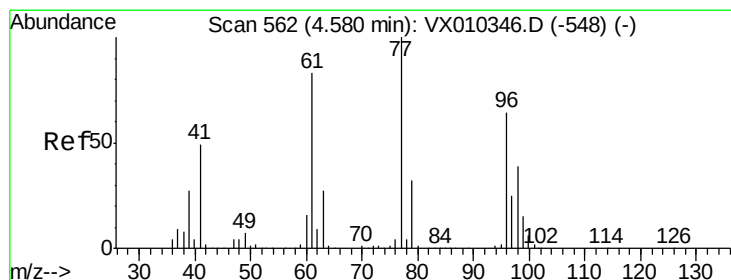
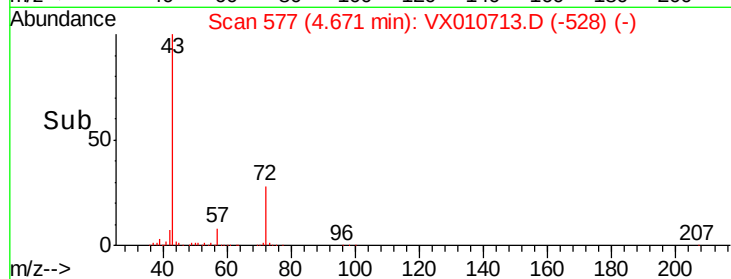
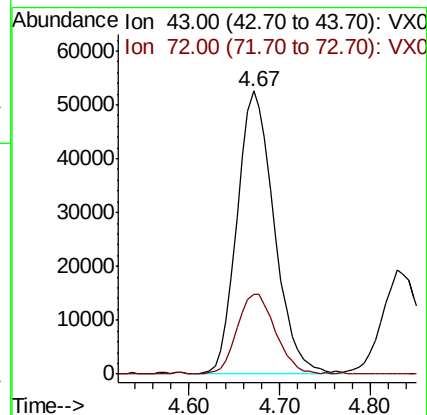
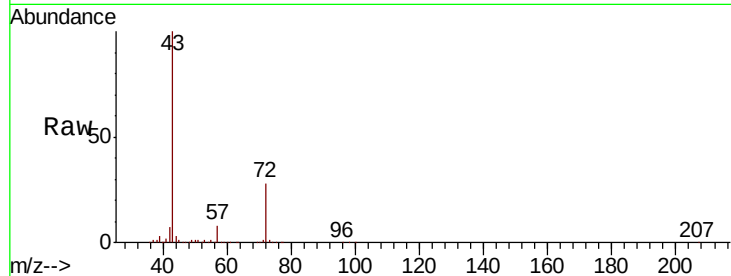
VX0708WBS02

Tot Ion: 43 Resp: 147824

Ion Ratio Lower Upper

43 100

72 27.8 23.3 34.9



#26

2,2-Dichloropropane

Concen: 15.614 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010713.D

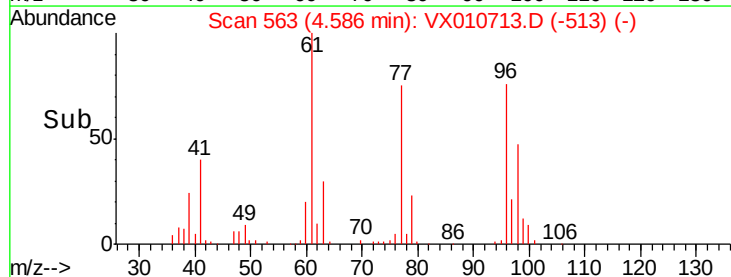
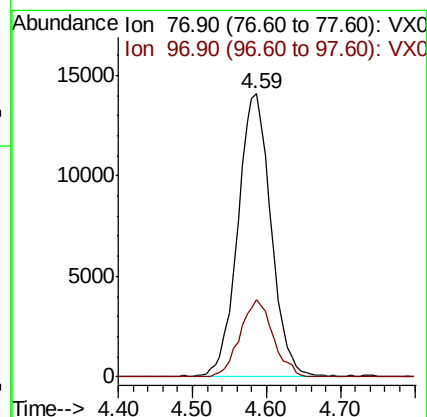
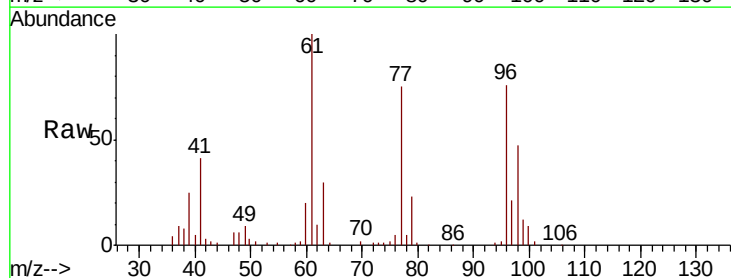
Acq: 08 Jul 2019 22:49

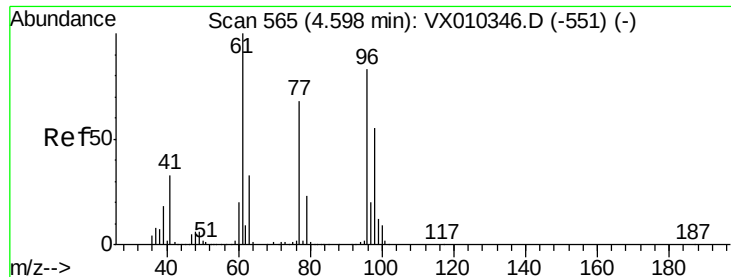
Tgt Ion: 77 Resp: 44038

Ion Ratio Lower Upper

77 100

97 27.2 13.1 39.3



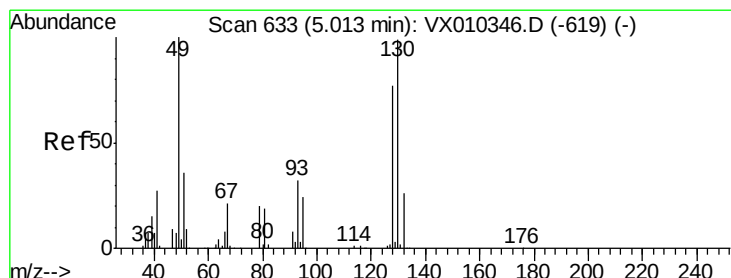
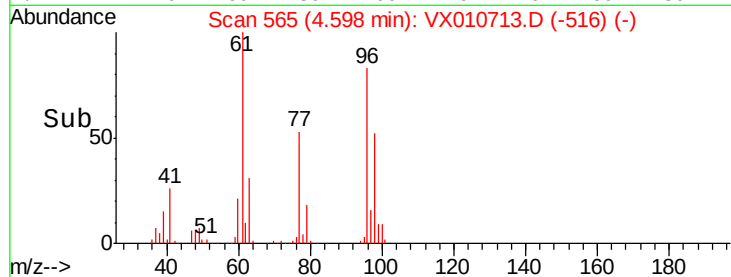
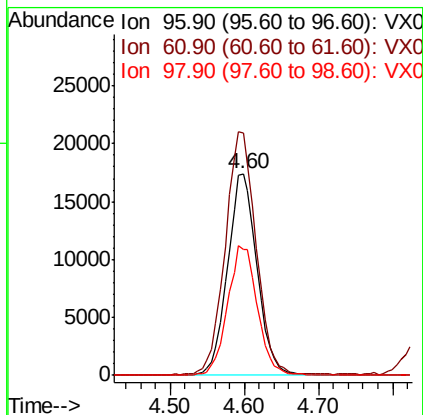
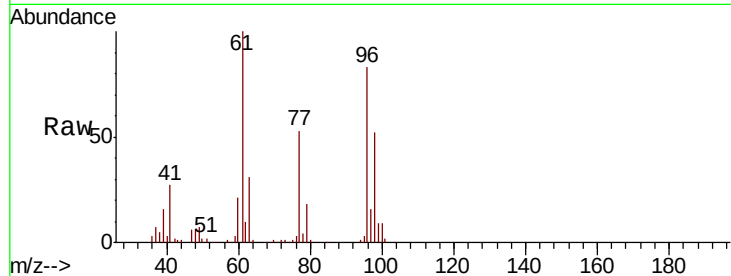


#27

cis-1,2-Dichloroethene
 Concen: 20.491 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

Instrument :
 MSVOA_X
 ClientSampled :
 VX0708WBS02

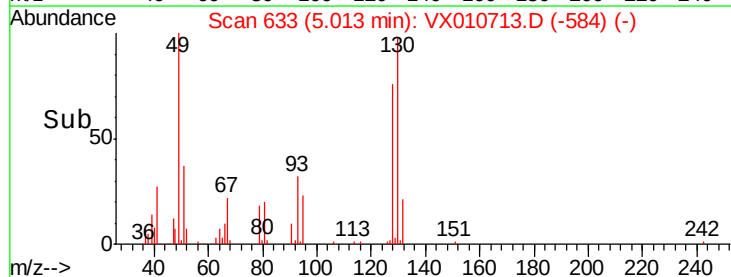
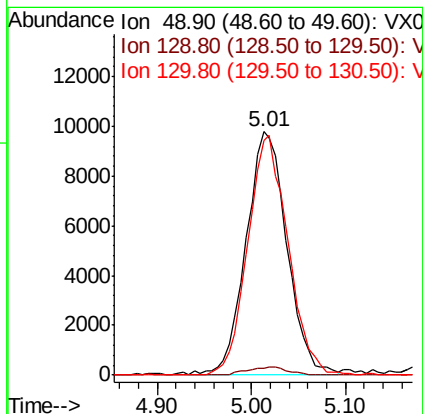
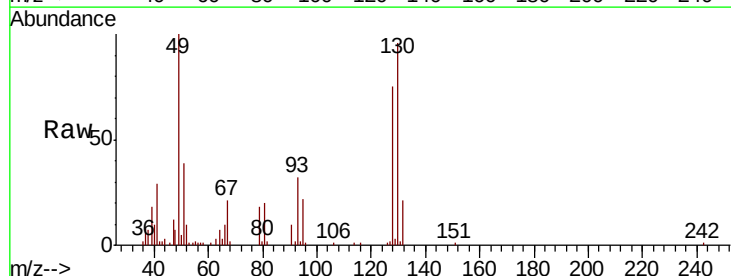
Tot Ion: 96 Resp: 48192
 Ion Ratio Lower Upper
 96 100
 61 126.4 0.0 251.8
 98 64.7 0.0 129.4

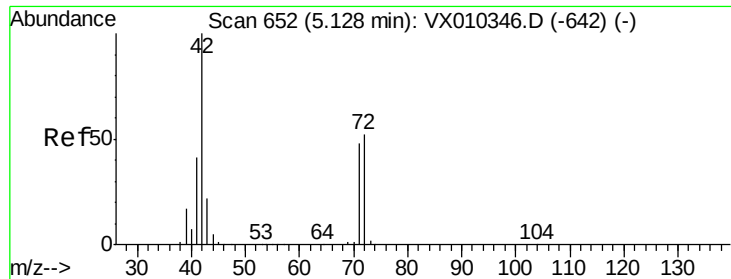


#28

Bromochloromethane
 Concen: 19.151 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

Tgt Ion: 49 Resp: 29729
 Ion Ratio Lower Upper
 49 100
 129 3.1 0.0 5.6
 130 96.6 81.4 122.0





#29

Tetrahydrofuran

Concen: 104.255 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

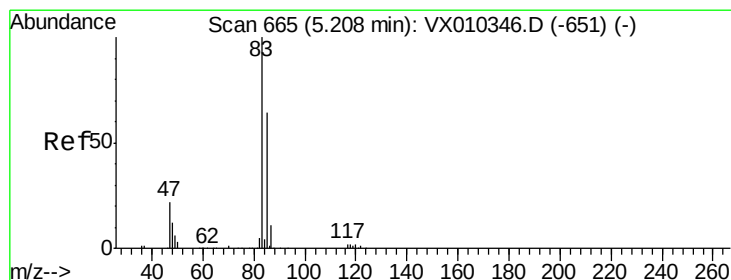
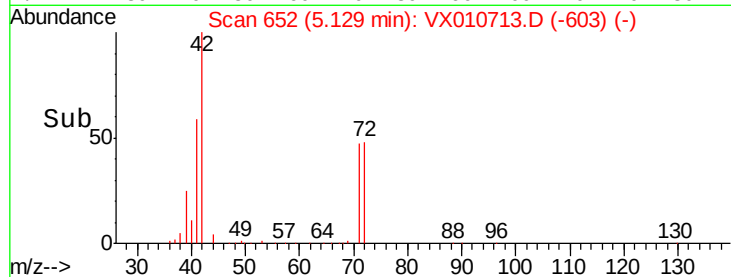
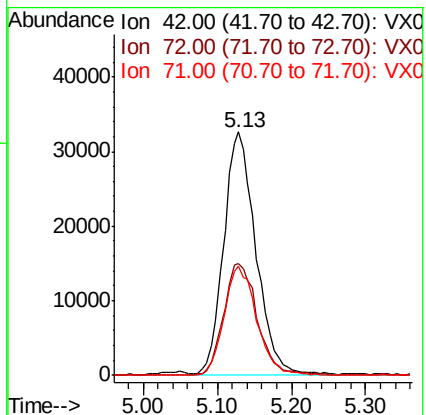
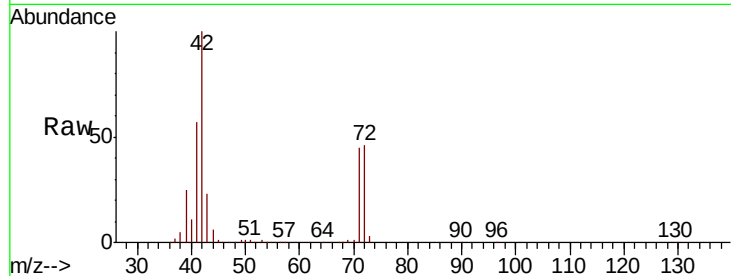
Tot Ion: 42 Resp: 97176

Ion Ratio Lower Upper

42 100

72 49.0 40.6 60.8

71 46.0 37.8 56.8



#30

Chloroform

Concen: 20.964 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010713.D

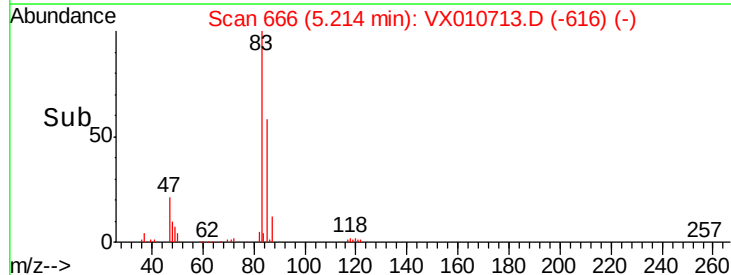
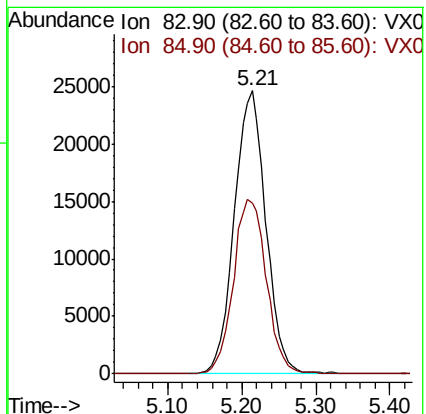
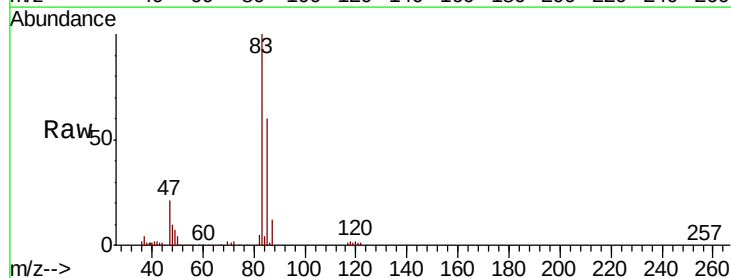
Acq: 08 Jul 2019 22:49

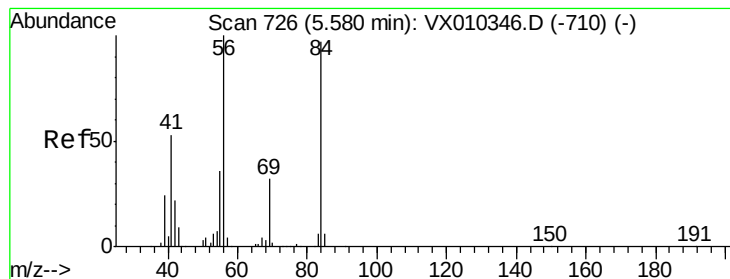
Tgt Ion: 83 Resp: 73237

Ion Ratio Lower Upper

83 100

85 60.1 50.9 76.3





#31

Cyclohexane

Concen: 20.925 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

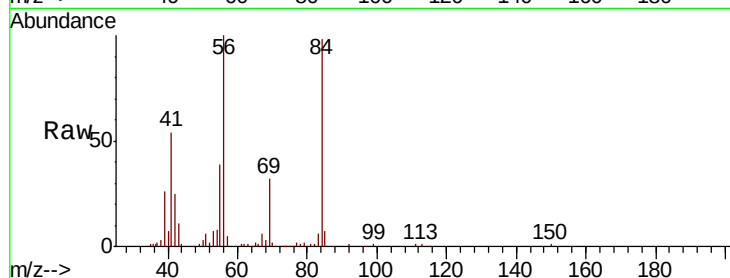
Tot Ion: 56 Resp: 61870

Ion Ratio Lower Upper

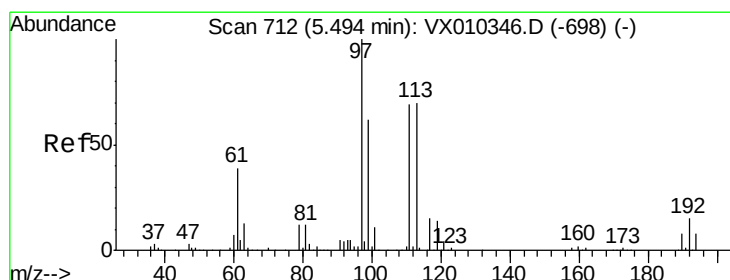
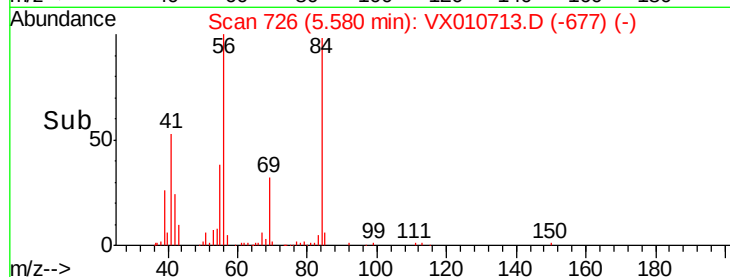
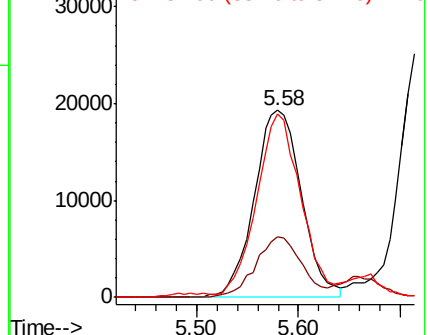
56 100

69 32.1 25.9 38.9

84 95.9 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: 19.839 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

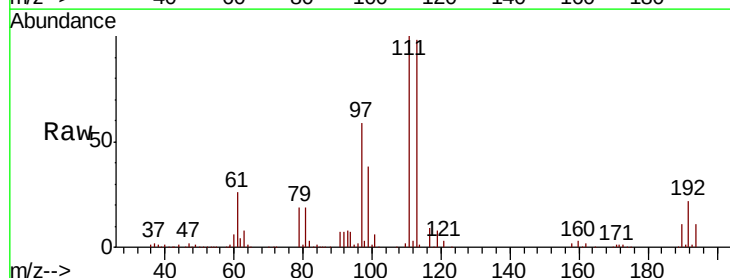
Tgt Ion: 97 Resp: 61198

Ion Ratio Lower Upper

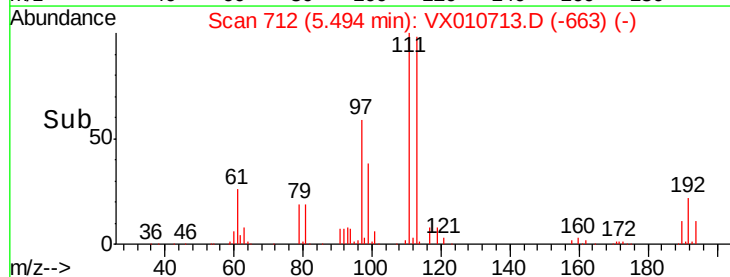
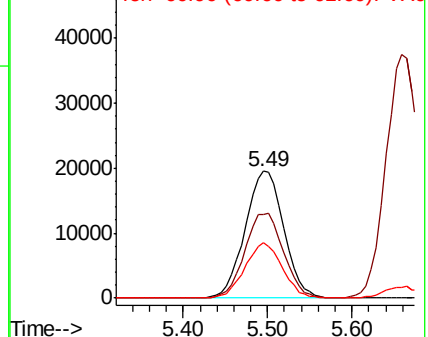
97 100

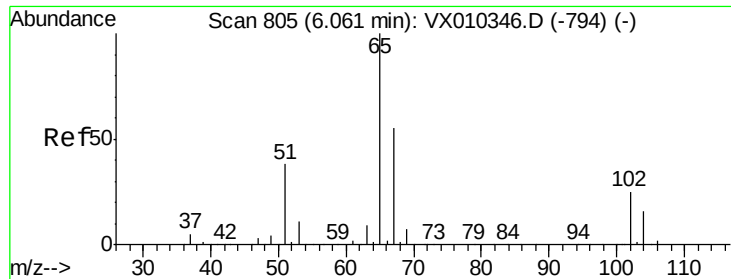
99 66.9 51.8 77.8

61 42.4 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

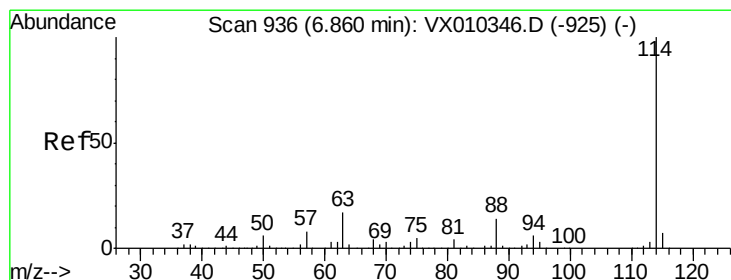
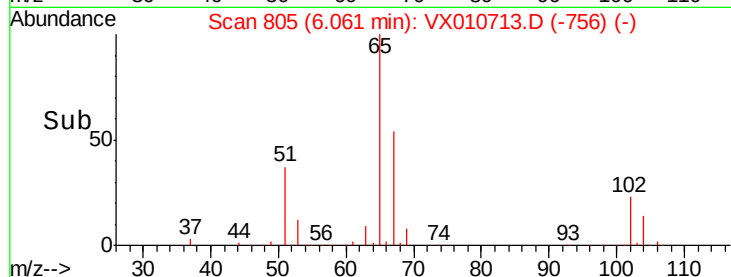
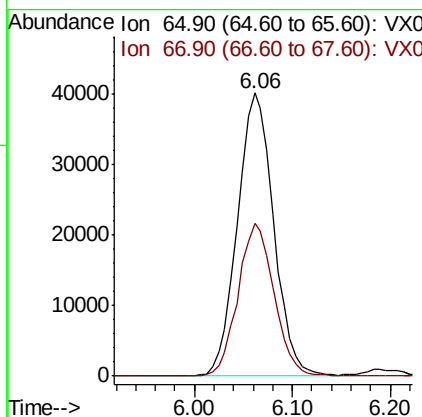
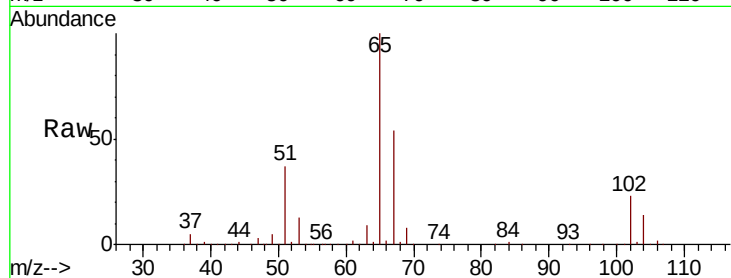




#33
 1,2-Dichloroethane-d4
 Concen: 50.587 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

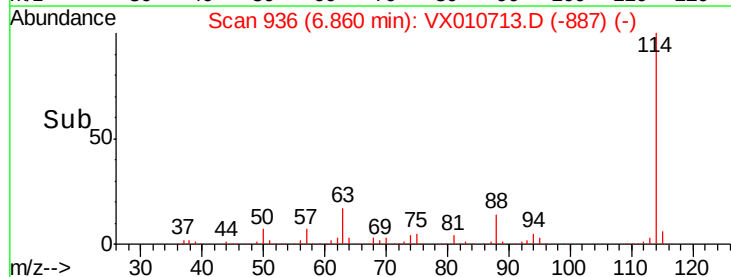
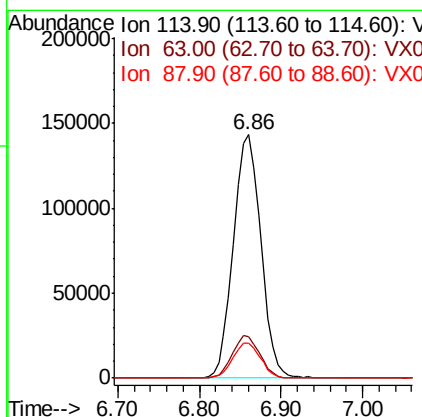
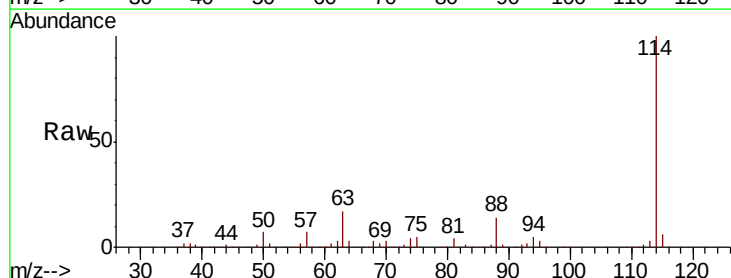
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

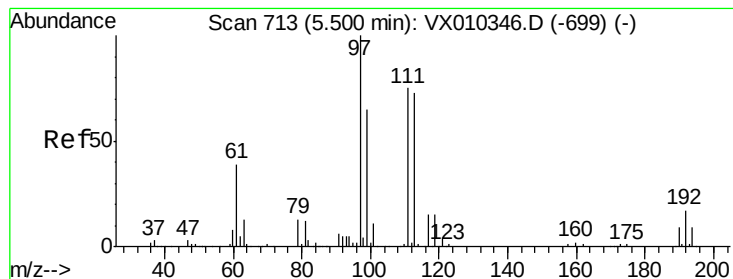
Tot Ion: 65 Resp: 103550
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

Tgt Ion: 114 Resp: 334280
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 33.8
 88 14.2 0.0 27.6





#35

Dibromofluoromethane

Concen: 47.336 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

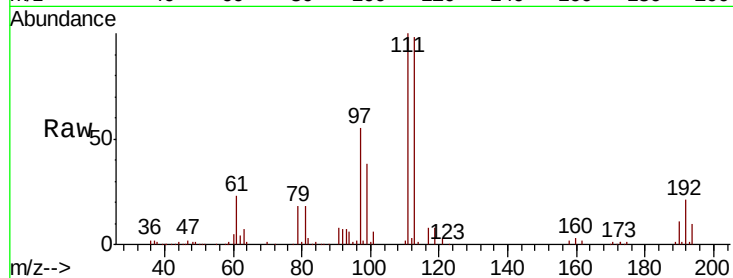
Tot Ion:113 Resp: 96813

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

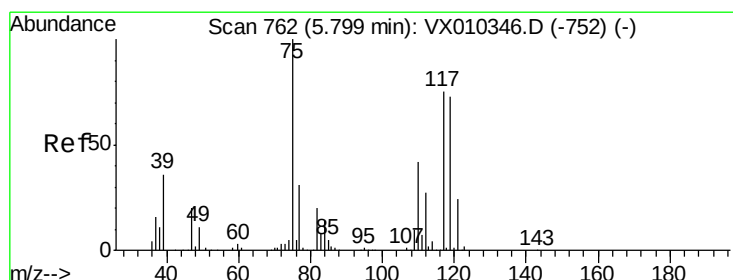
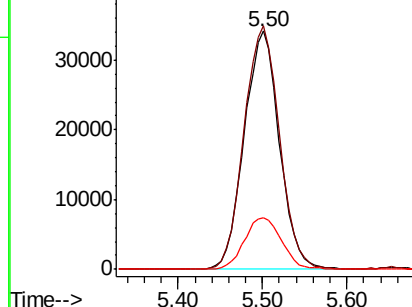
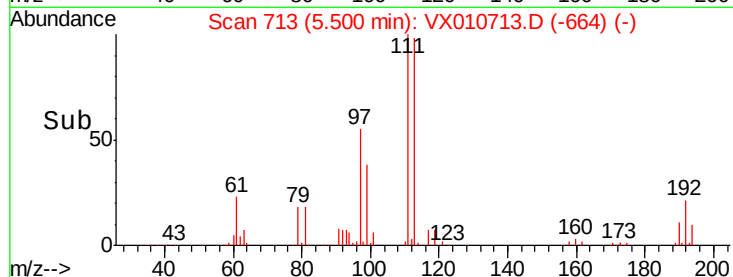
192 22.9 18.6 27.8



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: 19.779 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

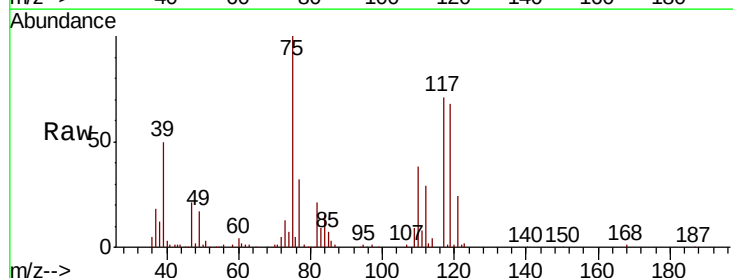
Tgt Ion: 75 Resp: 52541

Ion Ratio Lower Upper

75 100

110 40.3 20.8 62.2

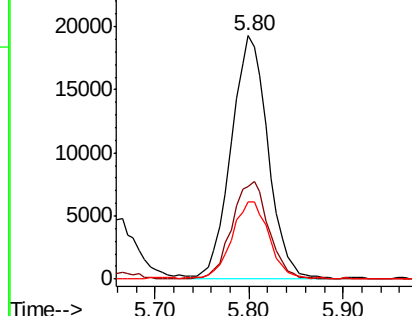
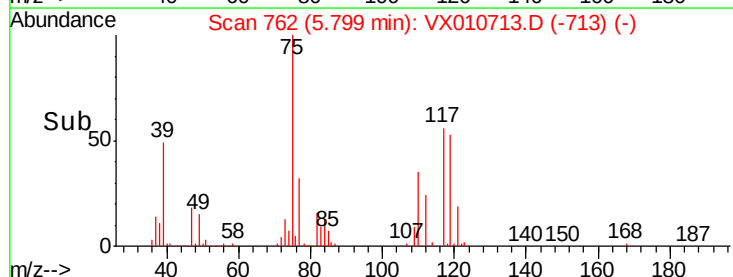
77 32.5 25.4 38.0

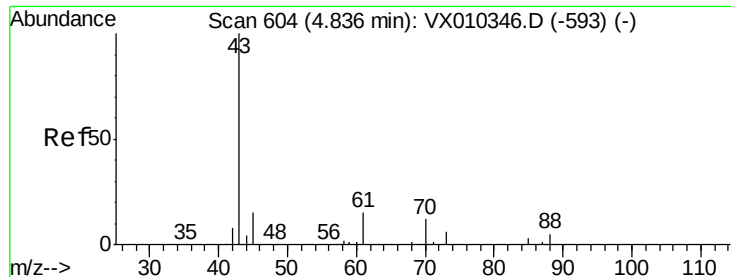


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

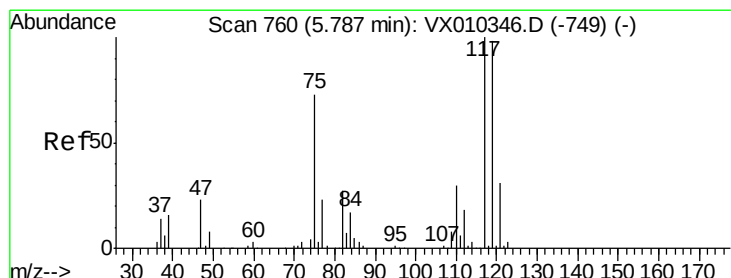
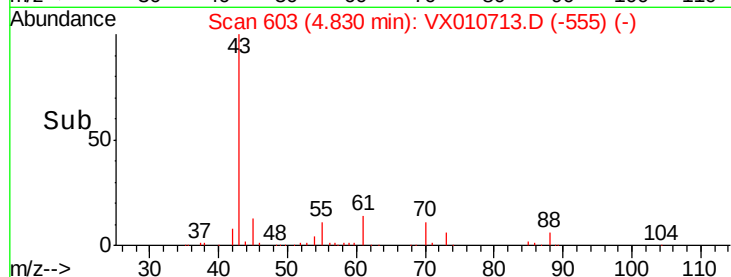
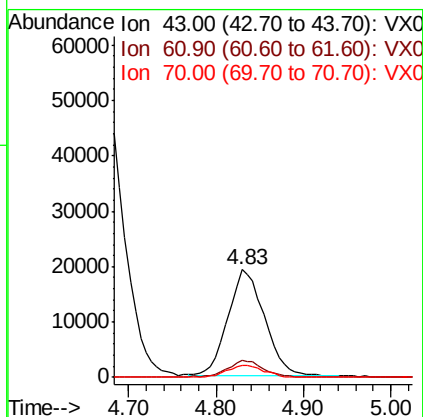
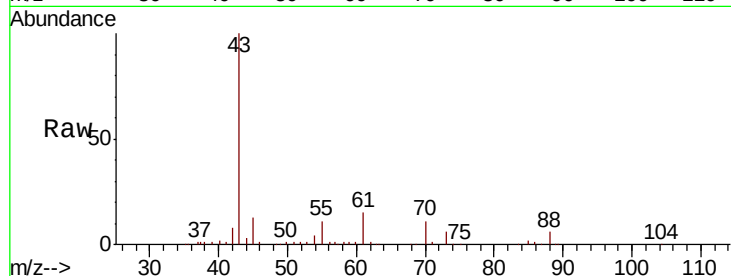




#37
Ethyl Acetate
Concen: 20.559 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

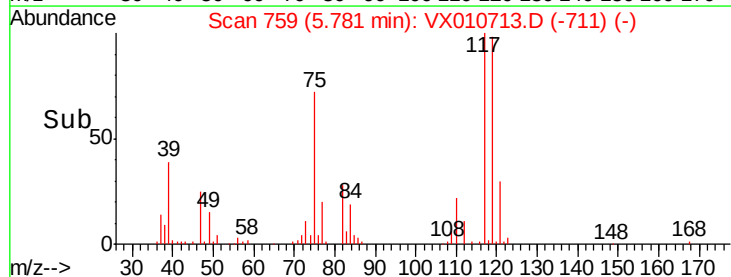
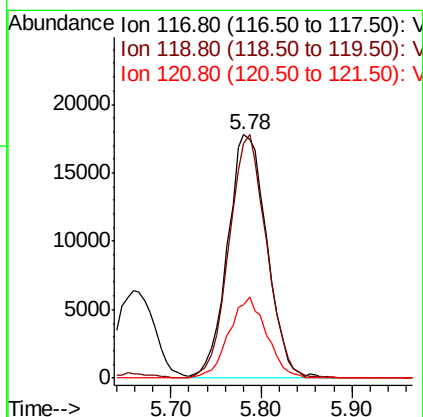
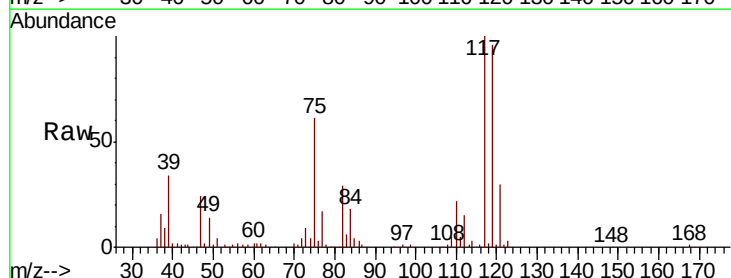
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

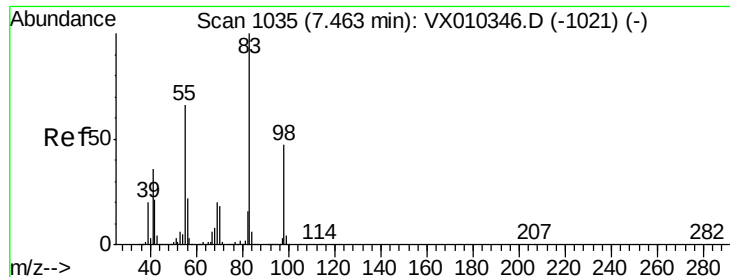
Tot Ion: 43 Resp: 56182
Ion Ratio Lower Upper
43 100
61 15.9 12.4 18.6
70 11.9 9.8 14.8



#38
Carbon Tetrachloride
Concen: 18.590 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

Tgt Ion: 117 Resp: 53474
Ion Ratio Lower Upper
117 100
119 96.3 78.2 117.4
121 30.3 24.7 37.1

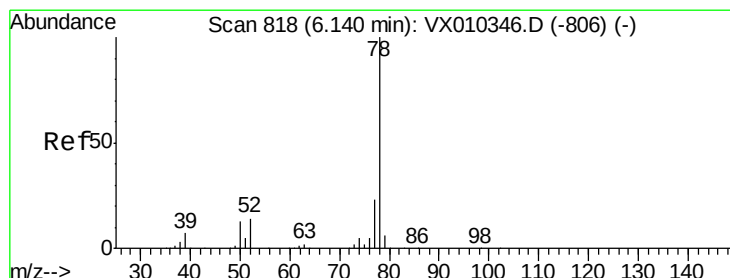
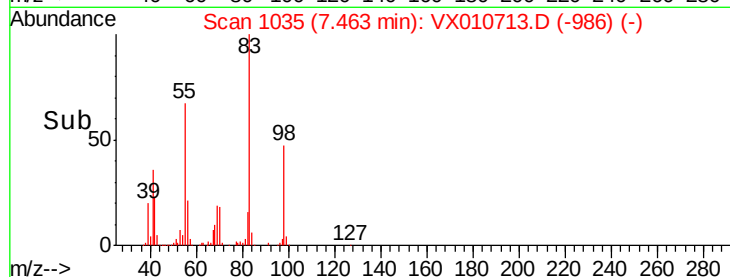
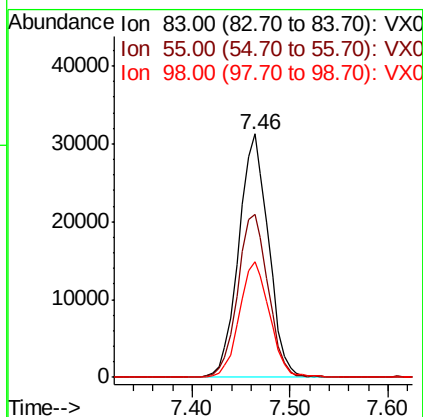
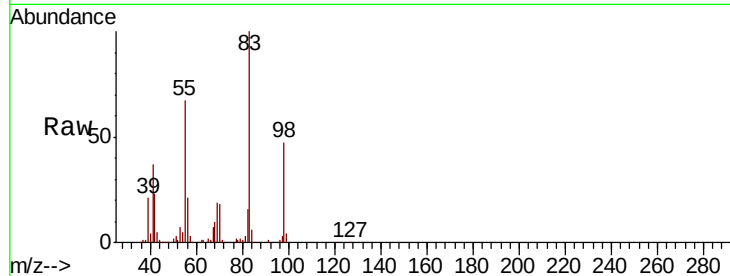




#39
Methylvlcyclohexane
Concen: 18.902 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

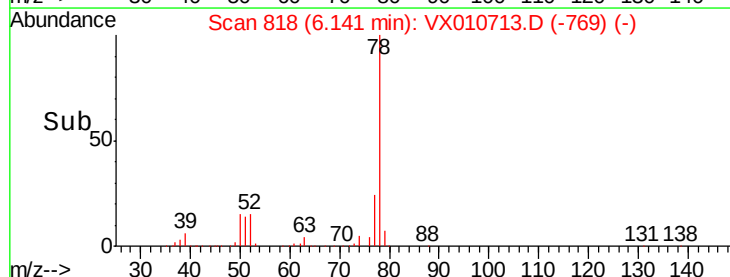
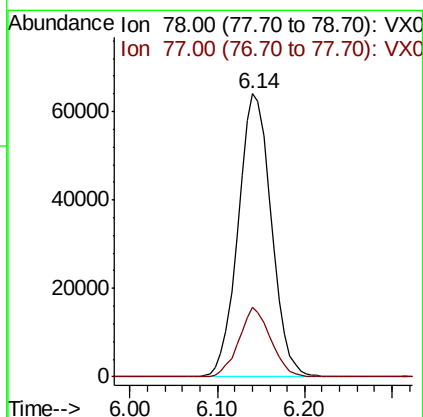
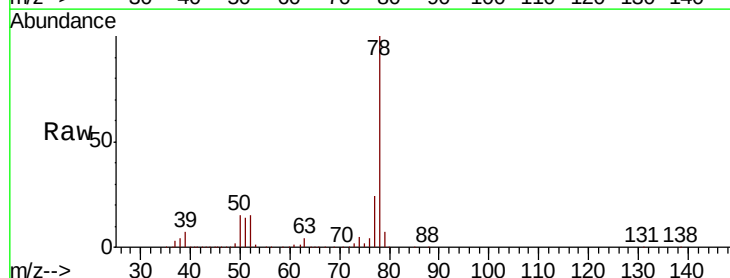
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

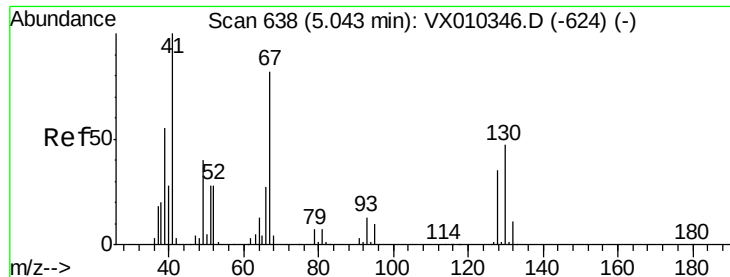
Tot Ion: 83 Resp: 65999
Ion Ratio Lower Upper
83 100
55 66.7 53.0 79.6
98 47.3 37.8 56.8



#40
Benzene
Concen: 20.403 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

Tgt Ion: 78 Resp: 168854
Ion Ratio Lower Upper
78 100
77 24.4 18.6 28.0





#41

Methacrylonitrile

Concen: 21.115 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

Tot Ion: 41 Resp: 31660

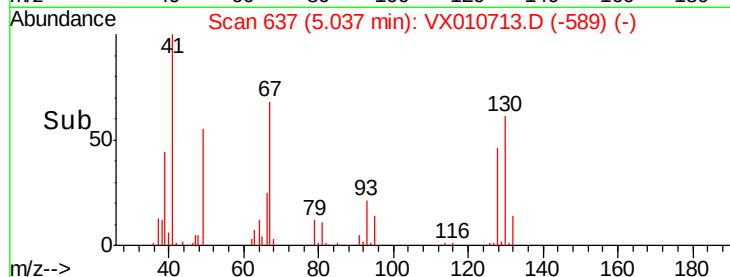
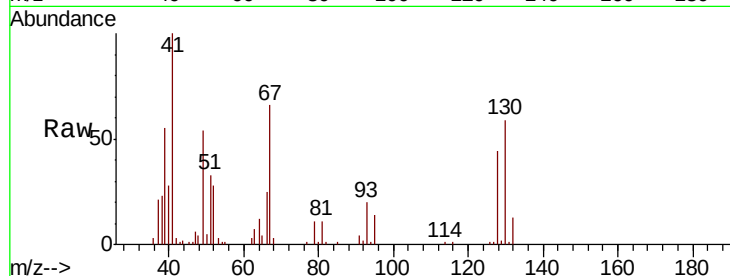
Ion Ratio Lower Upper

41 100

39 51.2 43.8 65.8

67 79.1 66.6 100.0

52 31.0 24.5 36.7

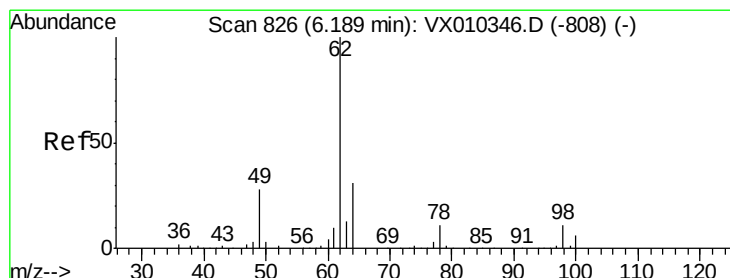
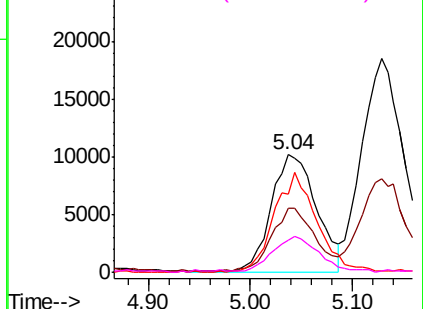


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.773 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010713.D

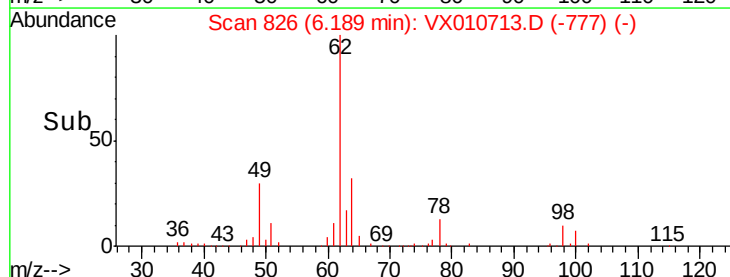
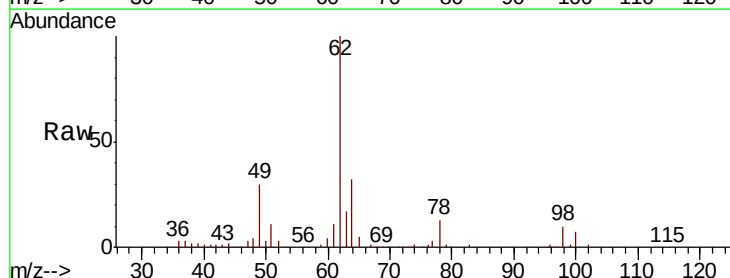
Acq: 08 Jul 2019 22:49

Tgt Ion: 62 Resp: 54850

Ion Ratio Lower Upper

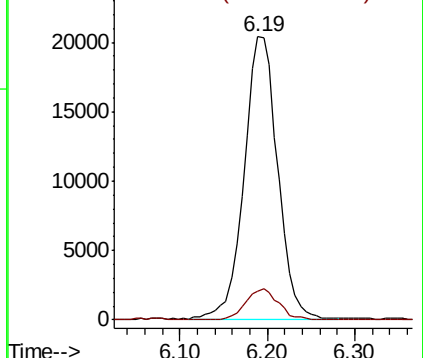
62 100

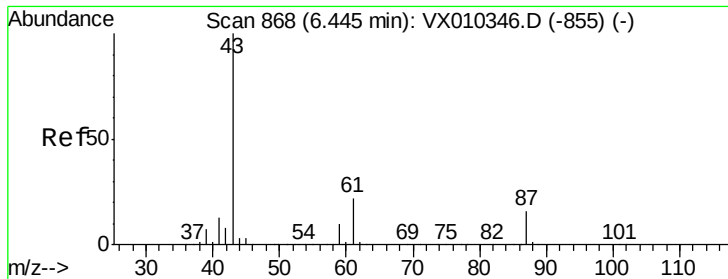
98 10.6 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.005 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

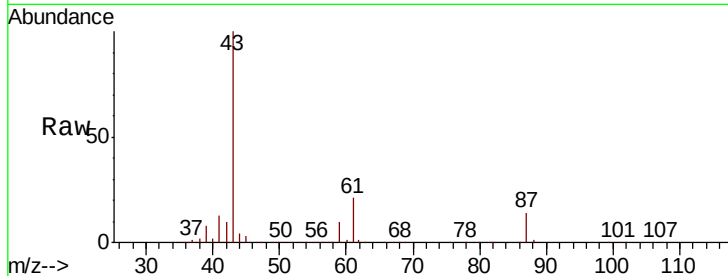
Tot Ion: 43 Resp: 90447

Ion Ratio Lower Upper

43 100

61 21.3 17.8 26.6

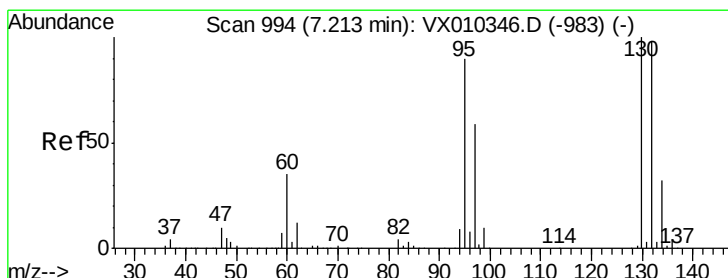
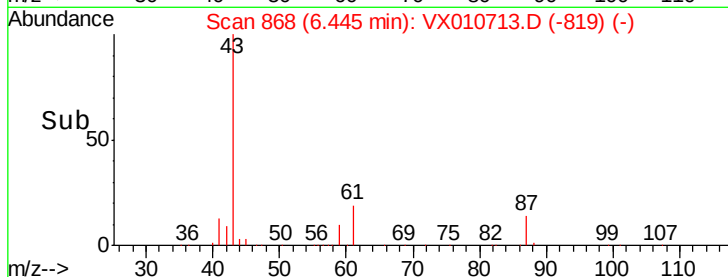
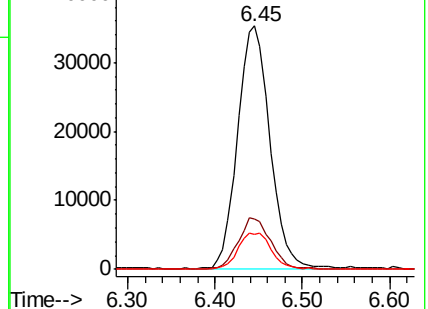
87 15.6 13.0 19.4



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: 19.851 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010713.D

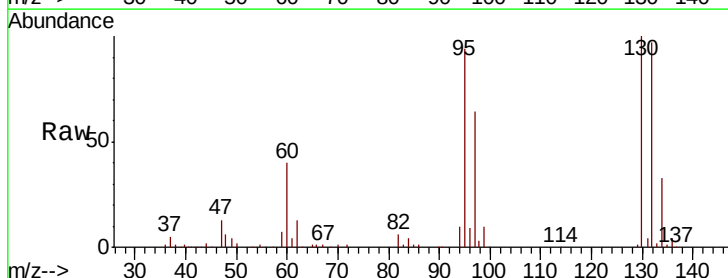
Acq: 08 Jul 2019 22:49

Tgt Ion:130 Resp: 49159

Ion Ratio Lower Upper

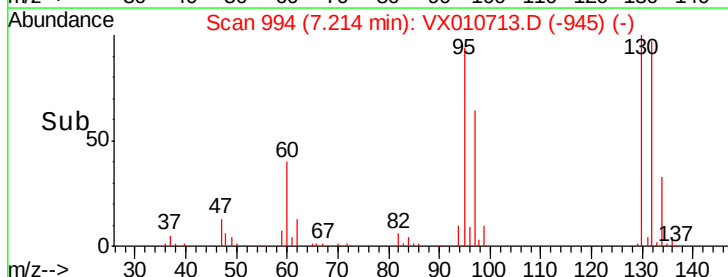
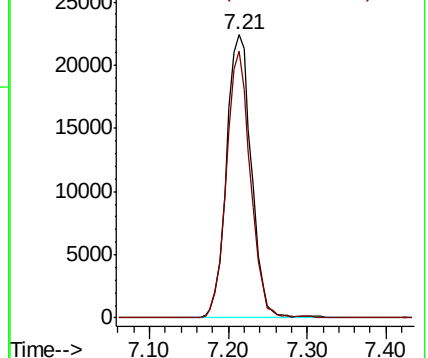
130 100

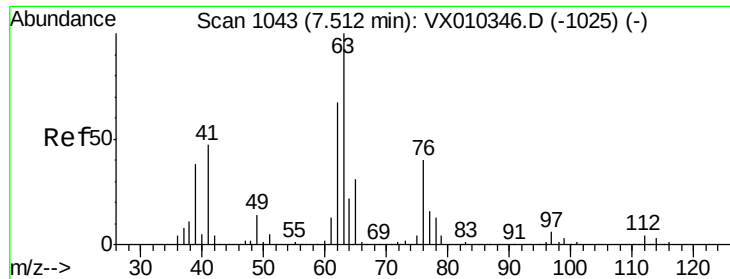
95 94.2 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

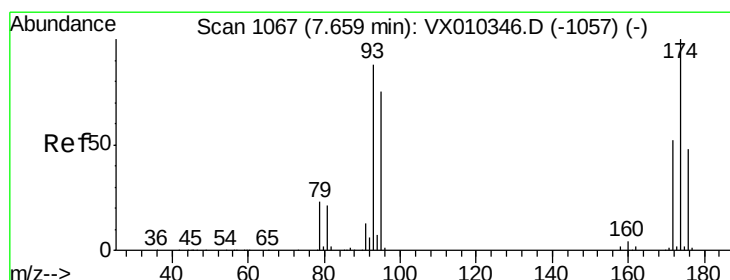
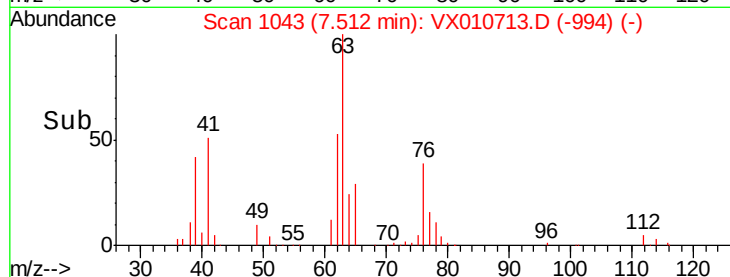
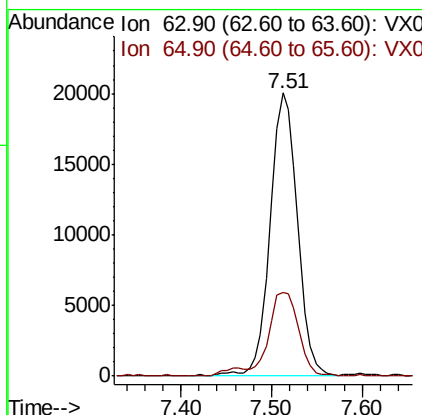
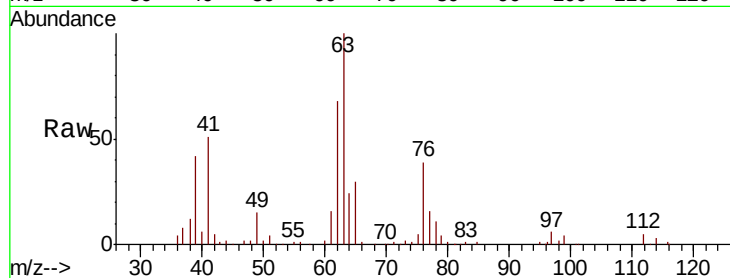




#45
 1,2-Dichloropropane
 Concen: 20.066 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

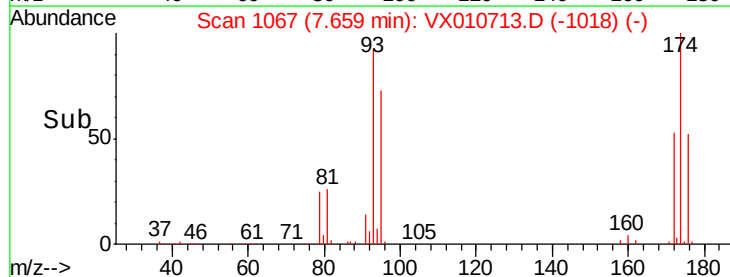
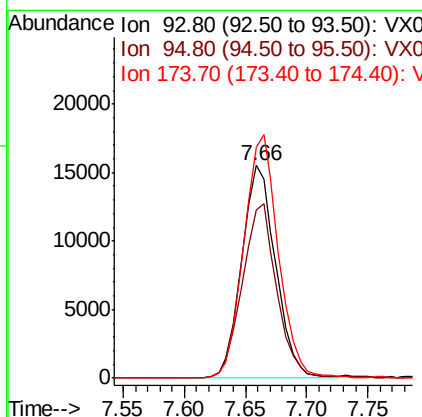
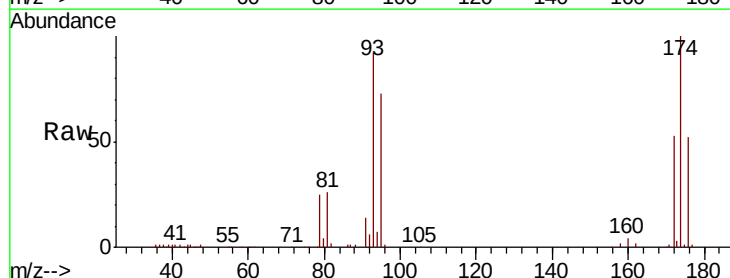
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

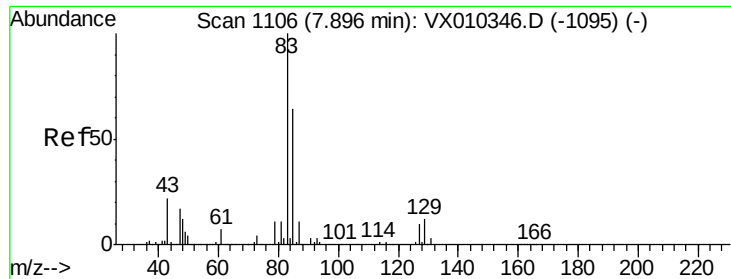
Tot Ion: 63 Resp: 41935
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.8 37.2



#46
 Dibromomethane
 Concen: 19.997 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

Tgt Ion: 93 Resp: 29984
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.5 101.3
 174 116.1 95.8 143.6

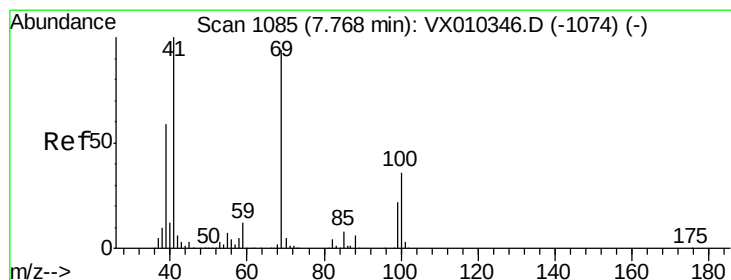
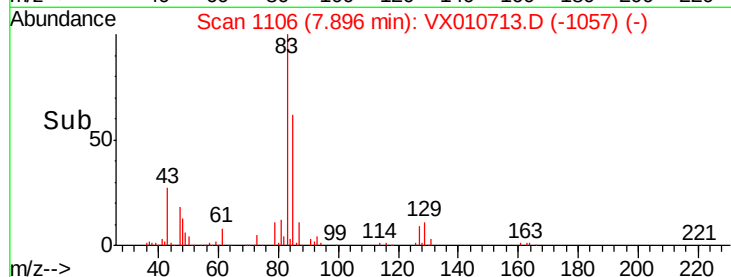
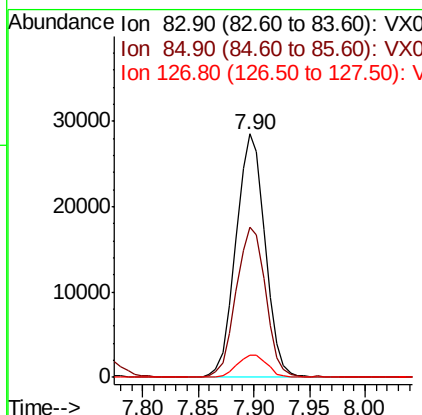
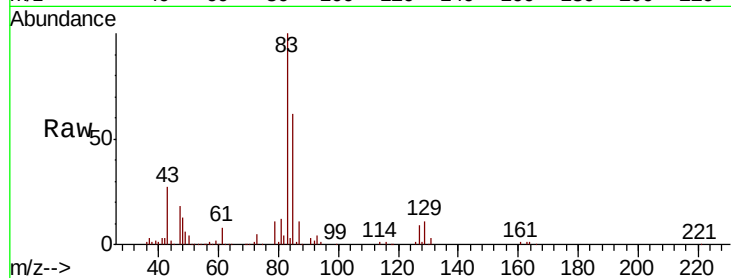




#47
 Bromodichloromethane
 Concen: 18.815 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

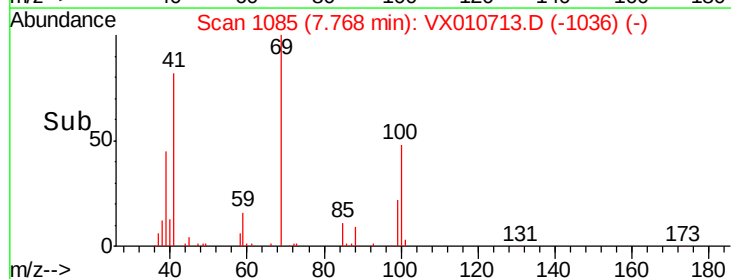
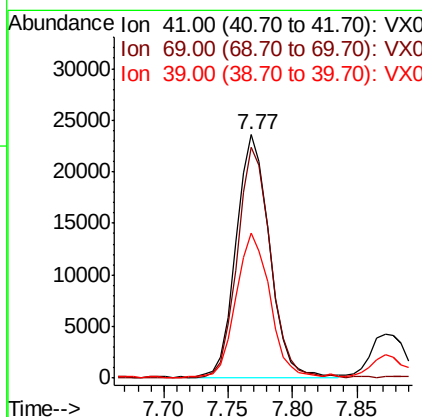
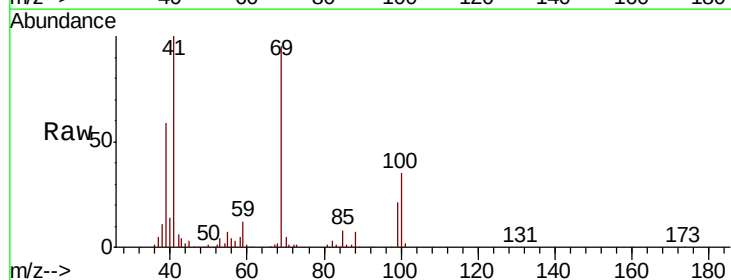
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

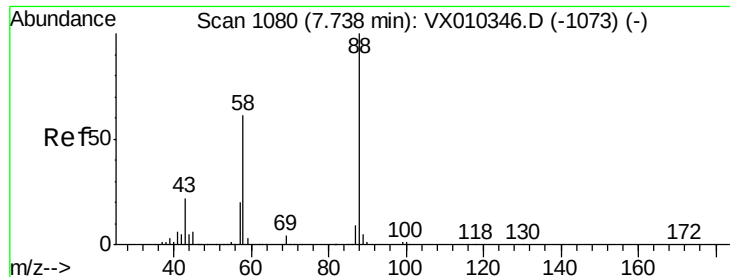
Tot Ion: 83 Resp: 51702
 Ion Ratio Lower Upper
 83 100
 85 61.8 51.5 77.3
 127 9.1 7.8 11.8



#48
 Methyl methacrylate
 Concen: 20.395 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

Tgt Ion: 41 Resp: 42861
 Ion Ratio Lower Upper
 41 100
 69 93.4 76.1 114.1
 39 60.0 47.6 71.4





#49

1,4-Dioxane

Concen: 385.723 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

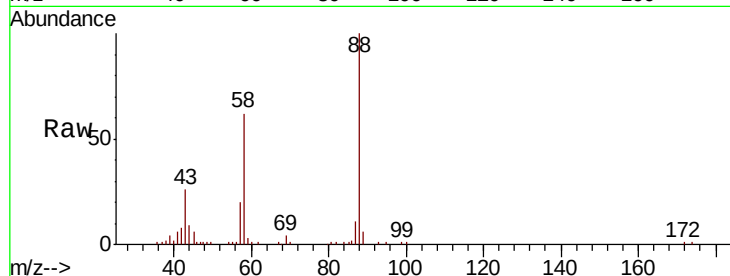
Tot Ion: 88 Resp: 23352

Ion Ratio Lower Upper

88 100

43 27.9 20.2 30.2

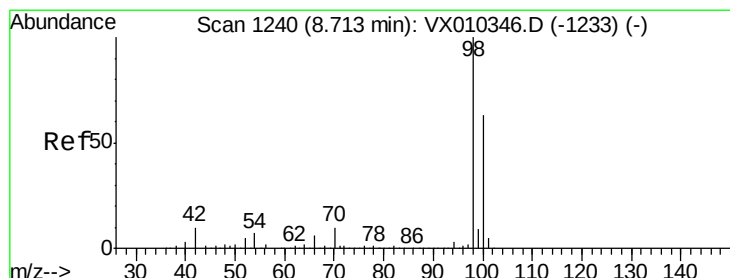
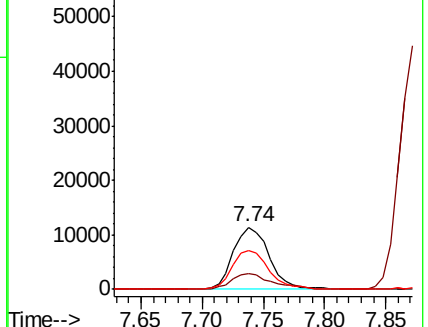
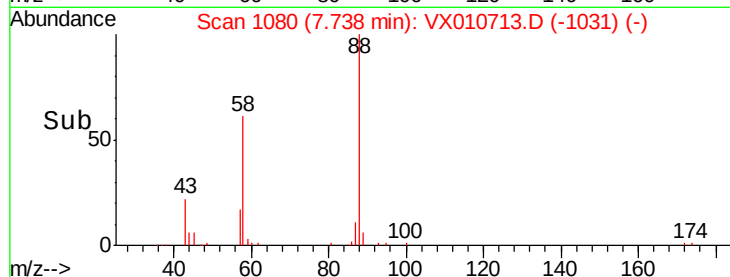
58 63.0 49.5 74.3



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: 46.571 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010713.D

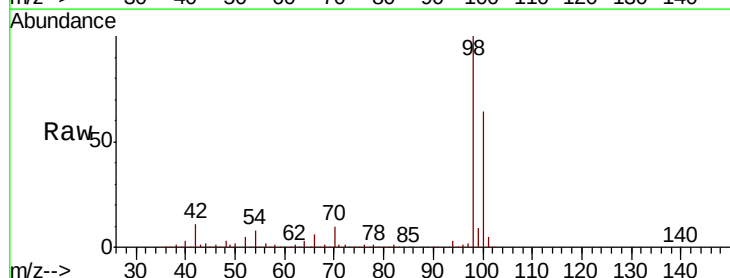
Acq: 08 Jul 2019 22:49

Tgt Ion: 98 Resp: 364404

Ion Ratio Lower Upper

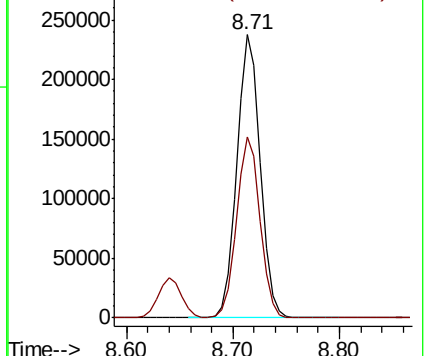
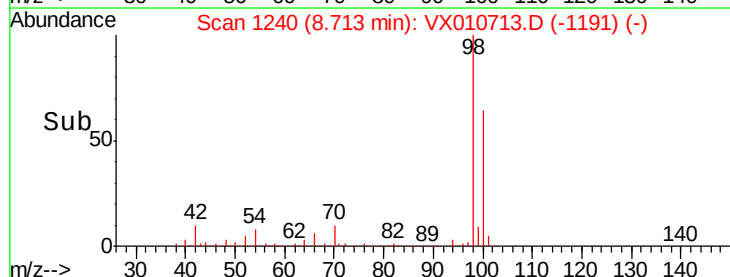
98 100

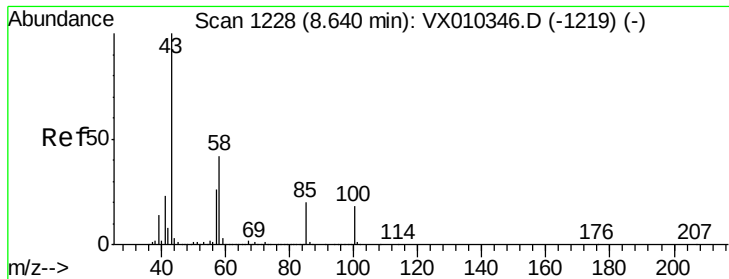
100 64.3 51.6 77.4



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: 104.212 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

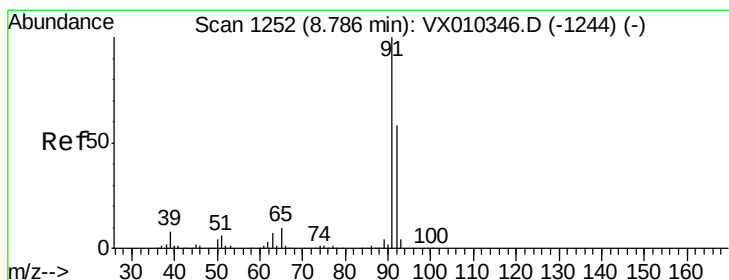
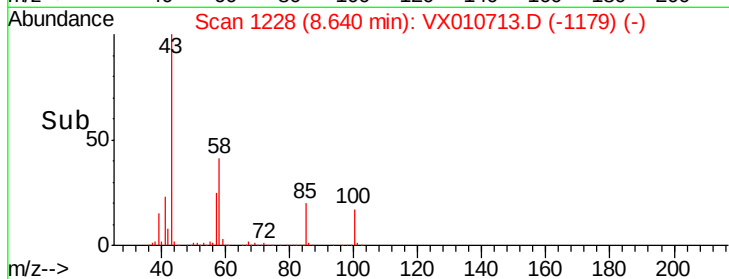
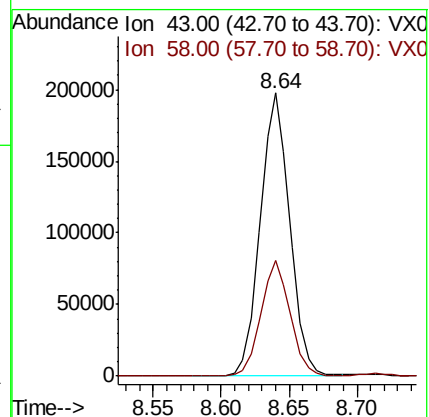
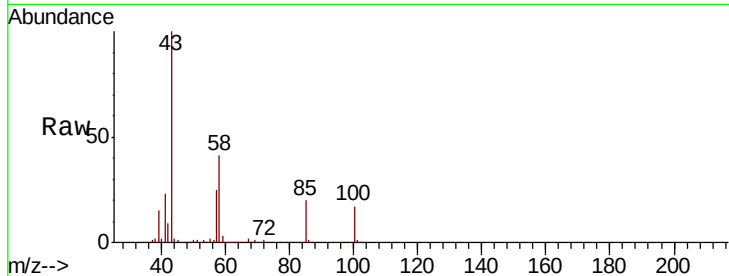
VX0708WBS02

Tot Ion: 43 Resp: 301346

Ion Ratio Lower Upper

43 100

58 40.0 33.5 50.3



#52

Toluene

Concen: 19.685 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010713.D

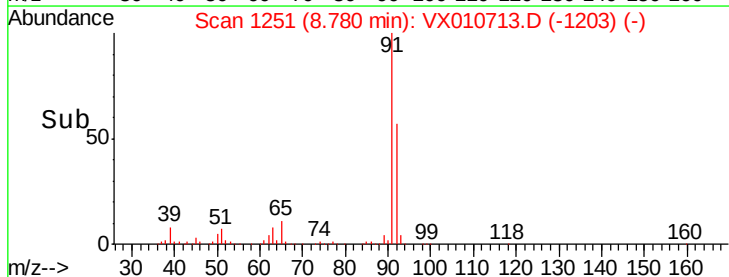
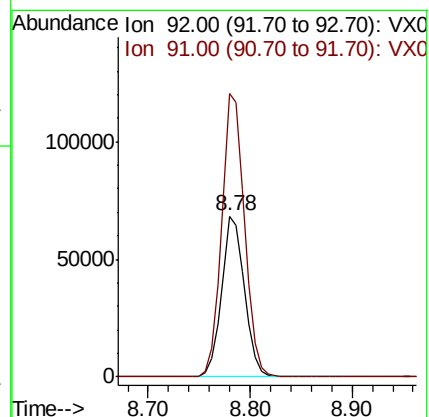
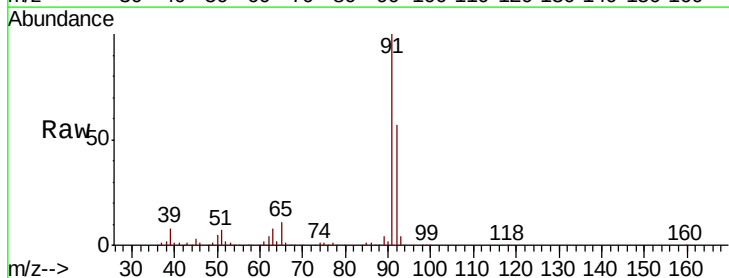
Acq: 08 Jul 2019 22:49

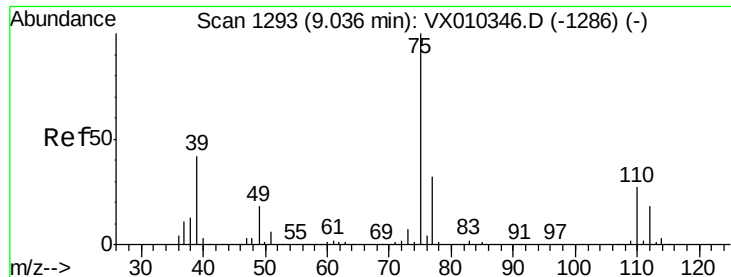
Tgt Ion: 92 Resp: 107285

Ion Ratio Lower Upper

92 100

91 176.8 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 17.365 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

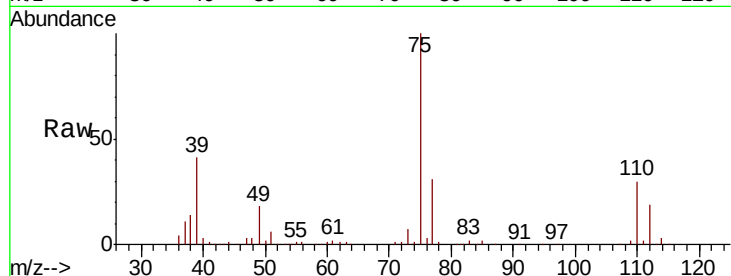
VX0708WBS02

Tot Ion: 75 Resp: 53497

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

40000

30000

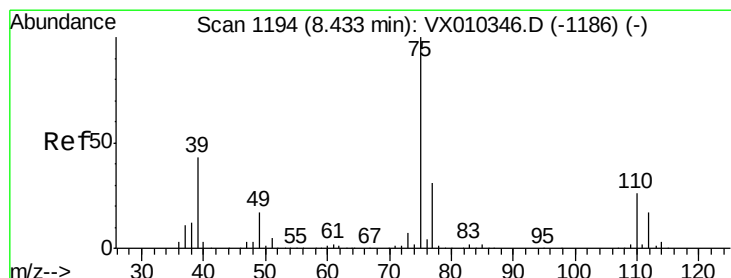
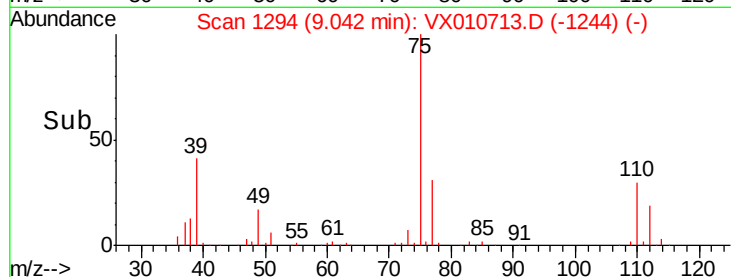
20000

10000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.100 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

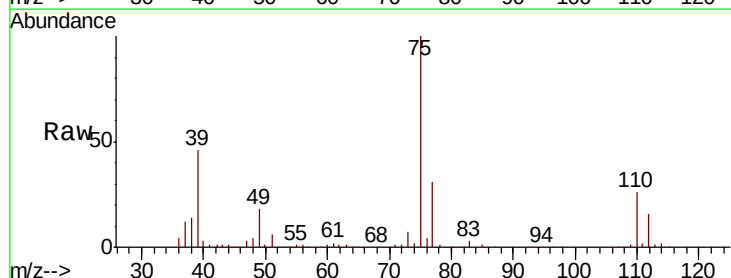
Tgt Ion: 75 Resp: 60598

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

39 46.0 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

50000

40000

30000

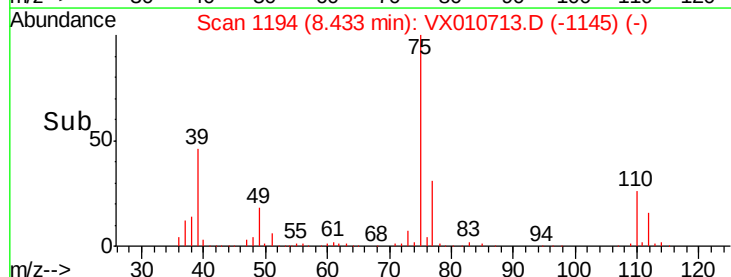
20000

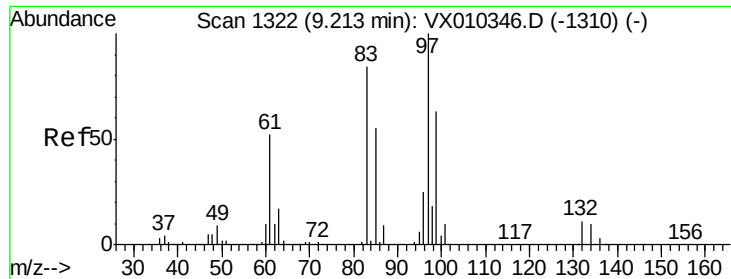
10000

0

8.35 8.40 8.45 8.50 8.55

Time-->

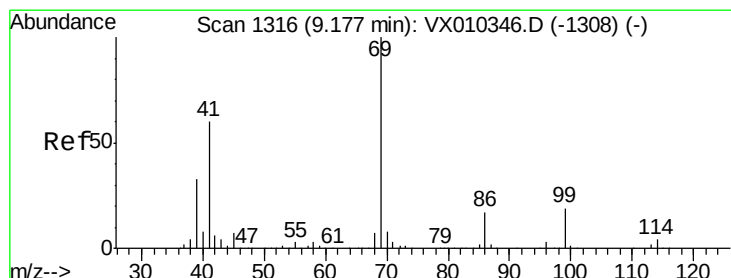
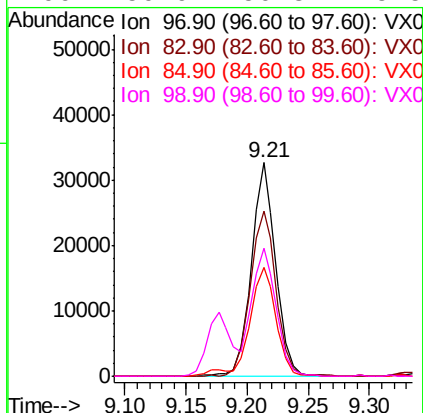
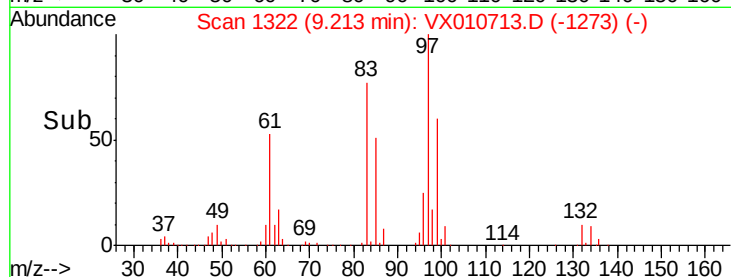
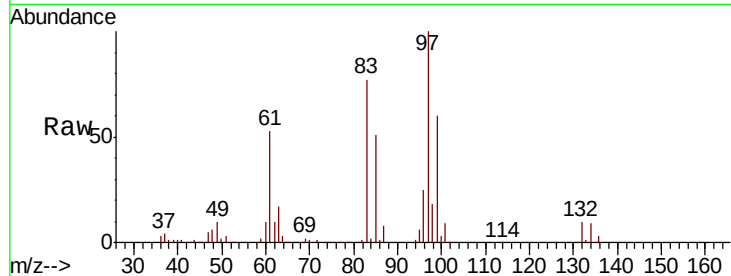




#55
 1,1,2-Trichloroethane
 Concen: 20.066 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

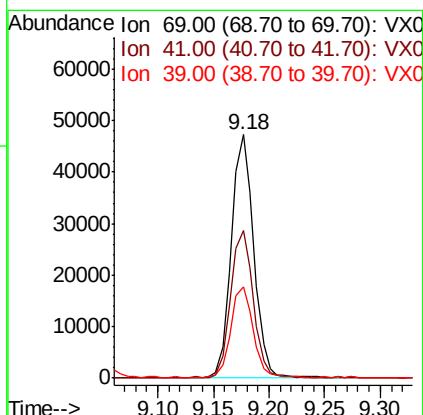
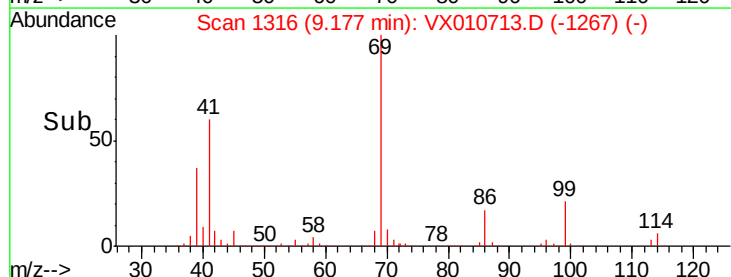
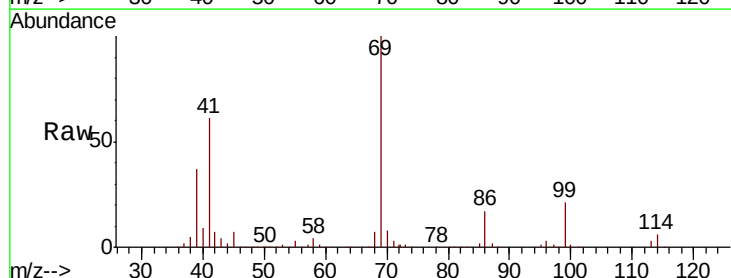
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

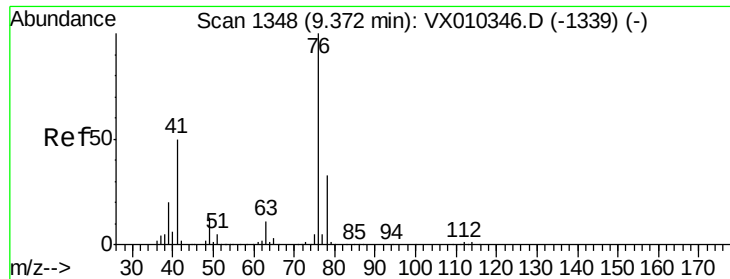
Tot Ion: 97 Resp: 45102
 Ion Ratio Lower Upper
 97 100
 83 77.4 67.4 101.0
 85 51.0 43.8 65.8
 99 59.9 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 19.384 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

Tgt Ion: 69 Resp: 66000
 Ion Ratio Lower Upper
 69 100
 41 60.5 47.1 70.7
 39 36.8 26.6 40.0





#57

1,3-Dichloropropane

Concen: 20.122 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampled :

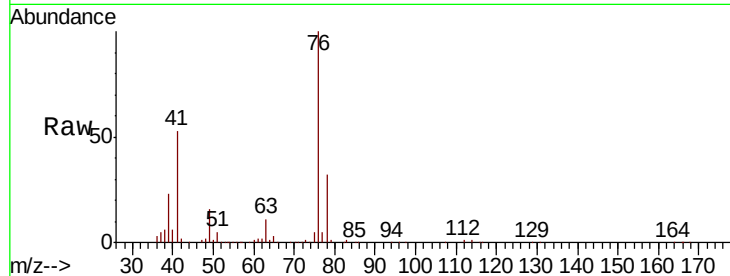
VX0708WBS02

Tot Ion: 76 Resp: 70207

Ion Ratio Lower Upper

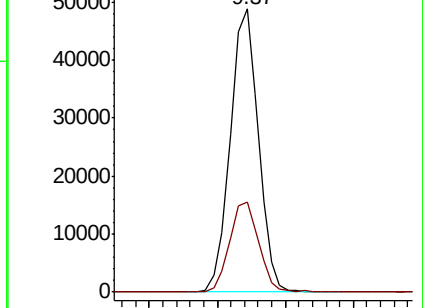
76 100

78 33.2 26.1 39.1

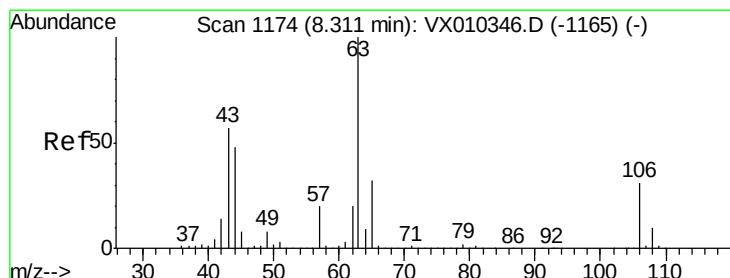
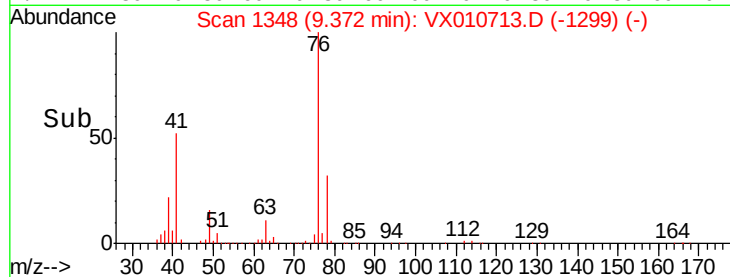


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 91.961 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010713.D

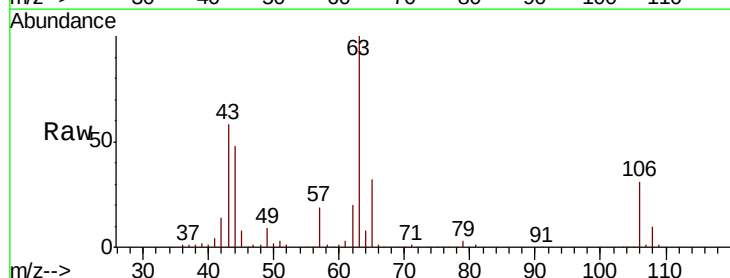
Acq: 08 Jul 2019 22:49

Tgt Ion: 63 Resp: 148710

Ion Ratio Lower Upper

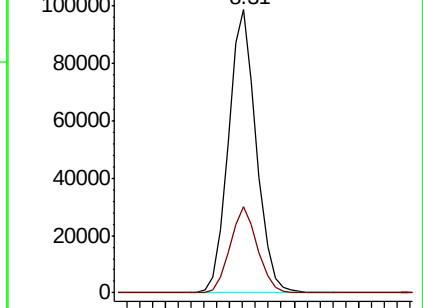
63 100

106 30.1 24.7 37.1

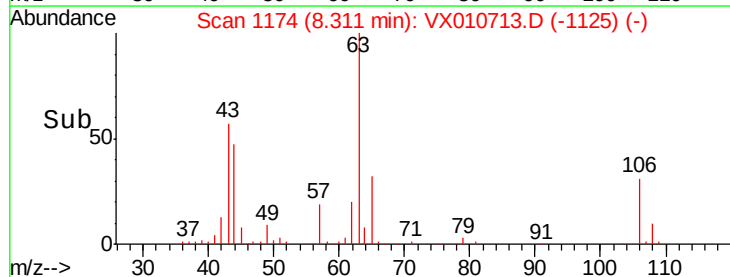


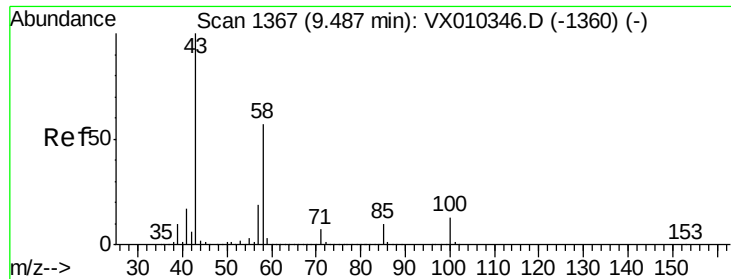
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

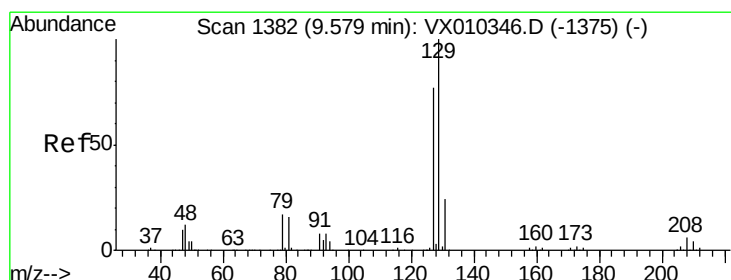
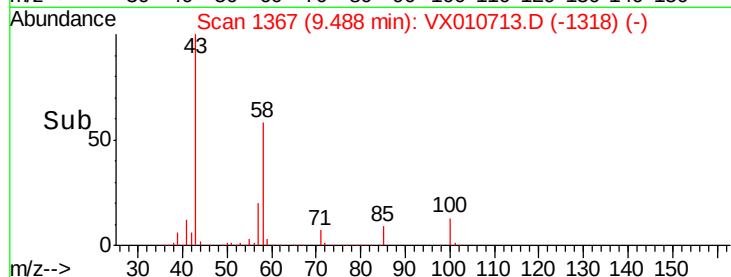
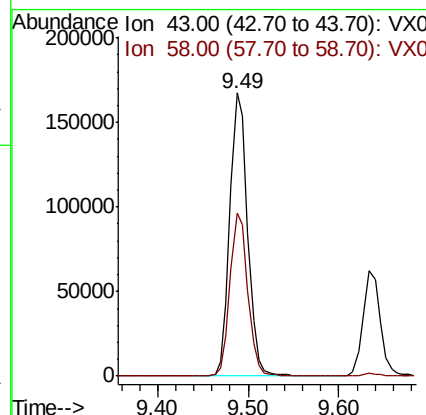
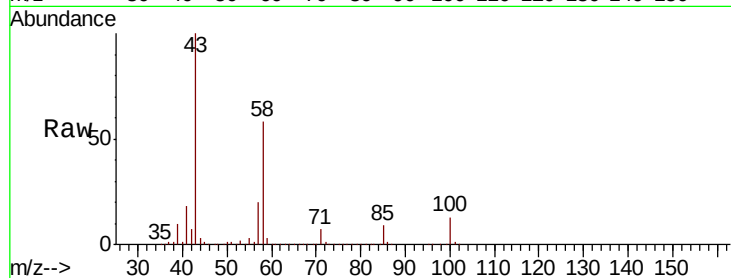




#59
2-Hexanone
Concen: 100.583 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

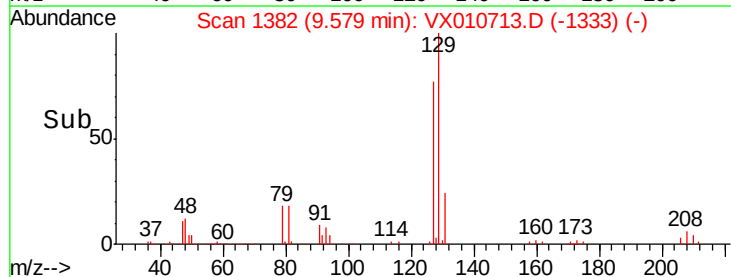
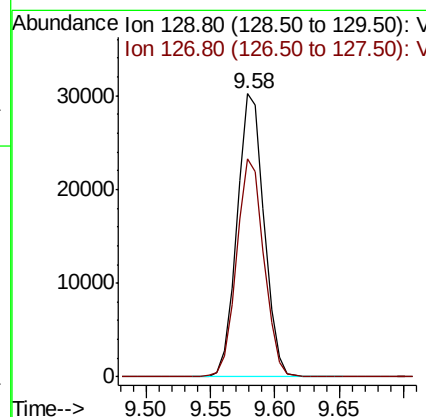
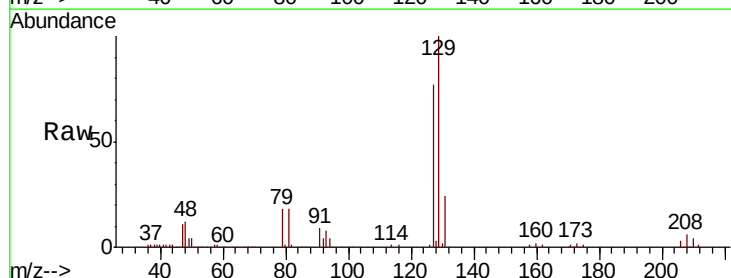
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

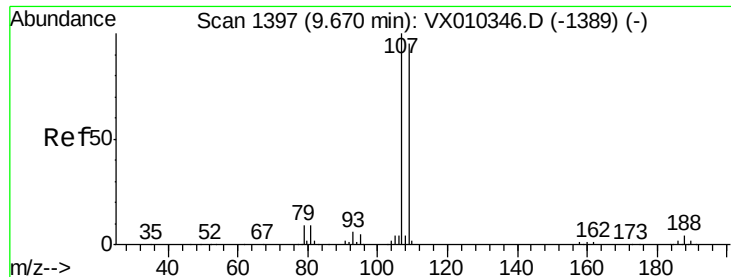
Tot Ion: 43 Resp: 228912
Ion Ratio Lower Upper
43 100
58 57.7 29.0 87.1



#60
Dibromochloromethane
Concen: 17.573 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

Tgt Ion: 129 Resp: 44224
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.909 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

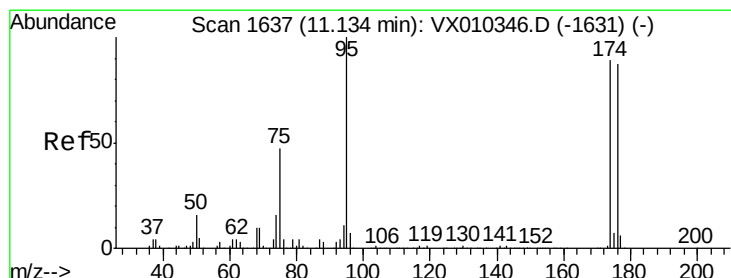
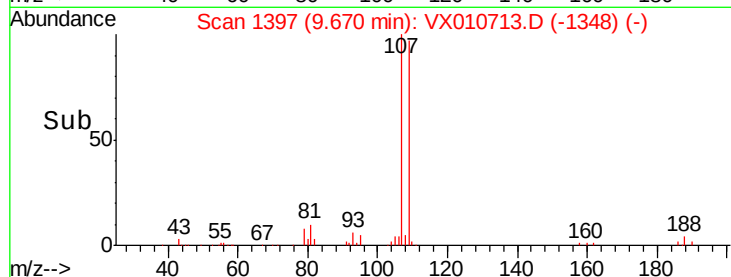
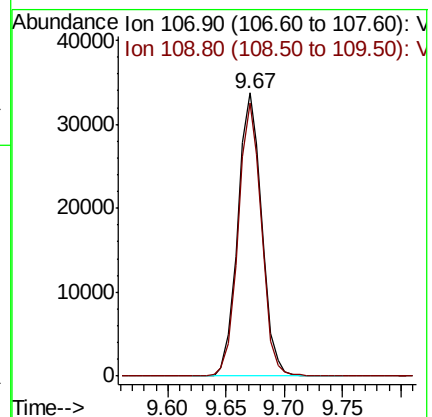
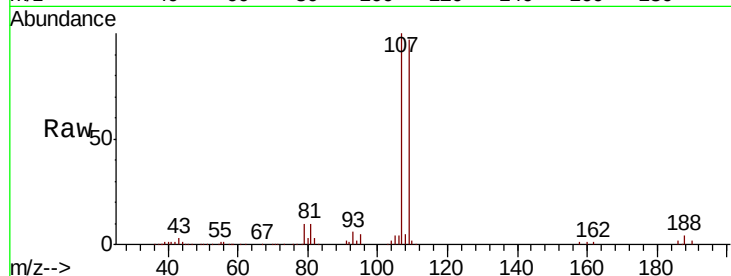
VX0708WBS02

Tot Ion:107 Resp: 48302

Ion Ratio Lower Upper

107 100

109 93.8 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 47.298 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

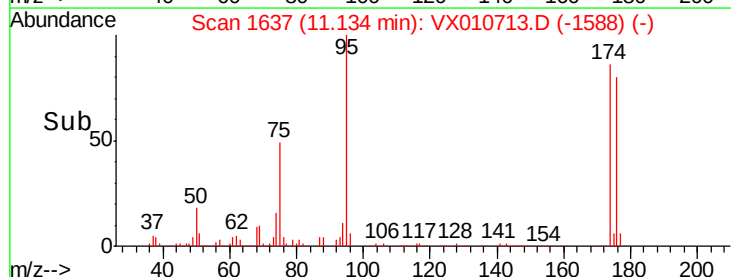
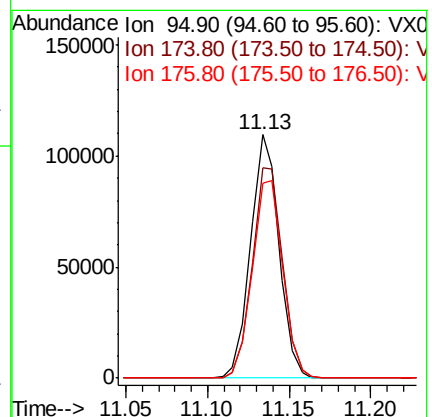
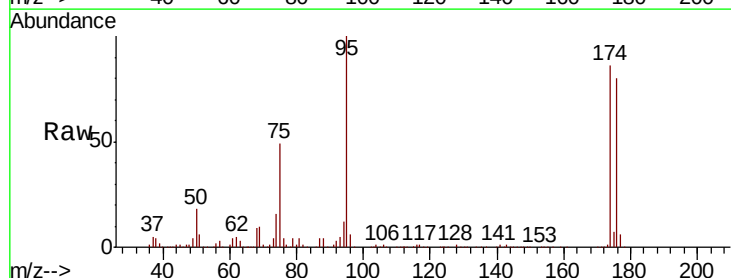
Tgt Ion: 95 Resp: 133615

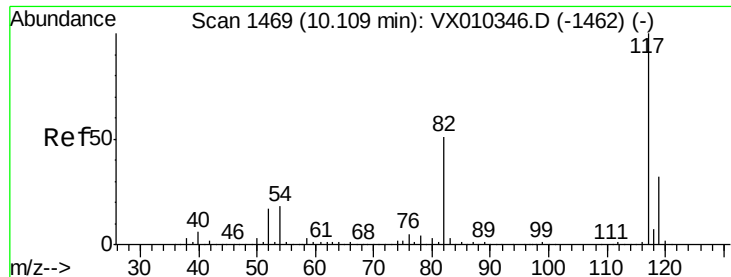
Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.6

176 87.7 0.0 184.0

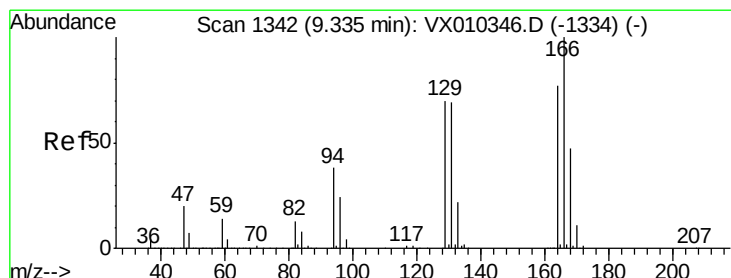
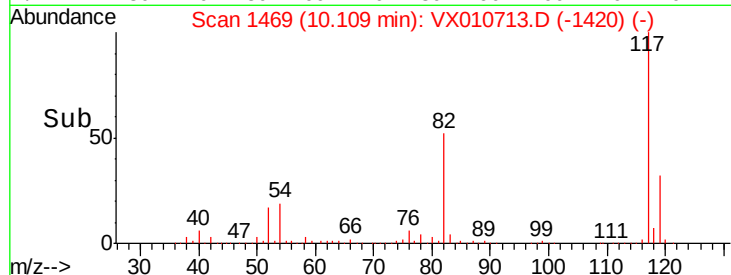
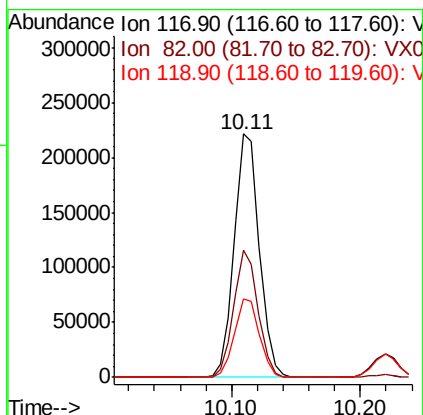
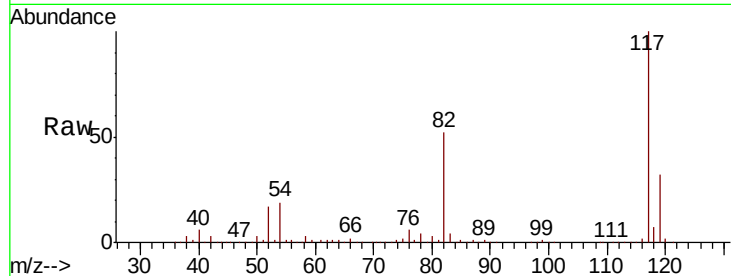




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

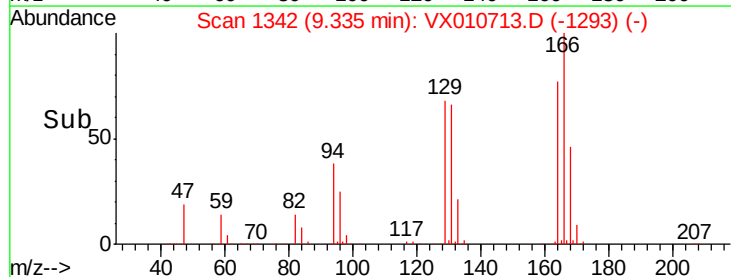
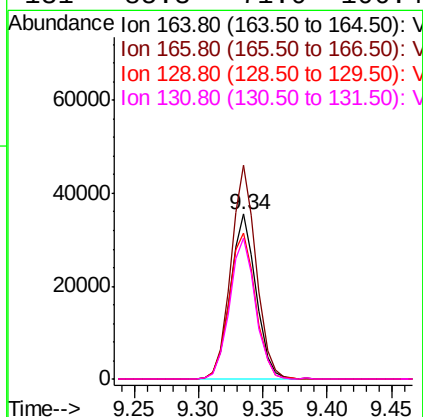
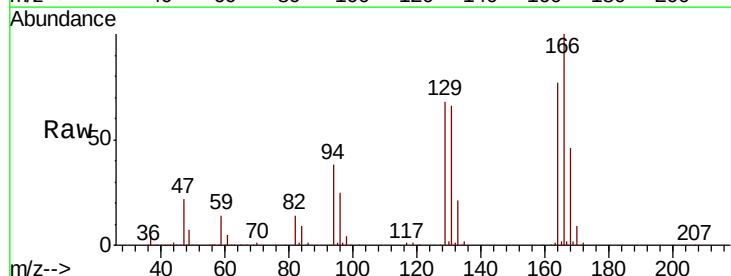
Instrument :
MSVOA_X
ClientSampled :
VX0708WBS02

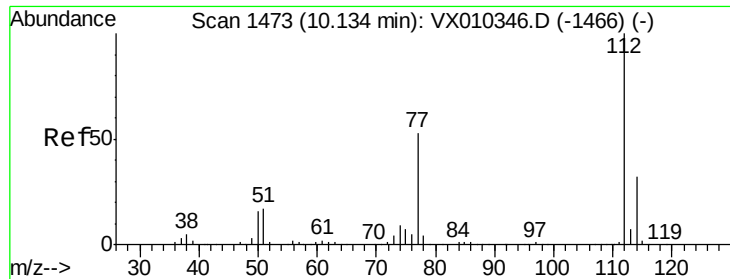
Tot Ion:117 Resp: 301762
Ion Ratio Lower Upper
117 100
82 52.2 41.2 61.8
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 20.313 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

Tgt Ion:164 Resp: 49578
Ion Ratio Lower Upper
164 100
166 129.8 103.6 155.4
129 88.5 73.0 109.4
131 85.3 71.0 106.4

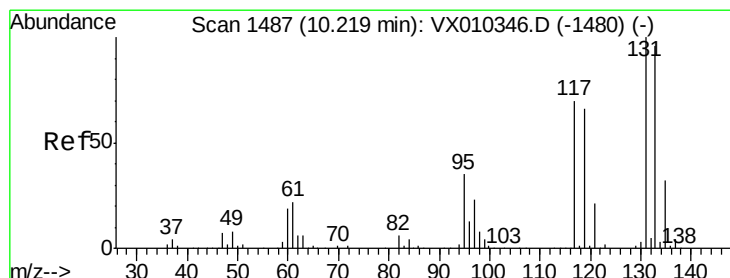
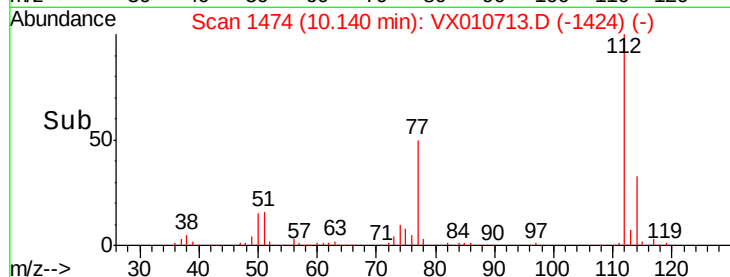
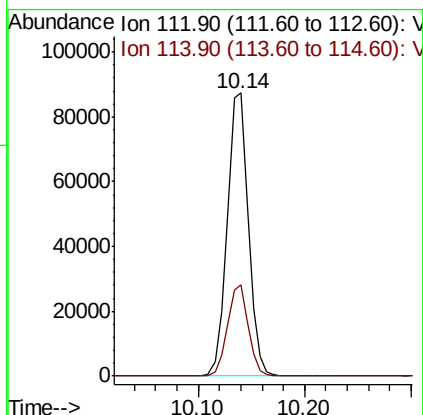
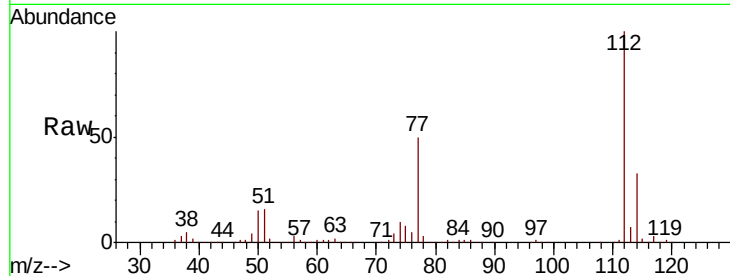




#65
Chlorobenzene
Concen: 19.939 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

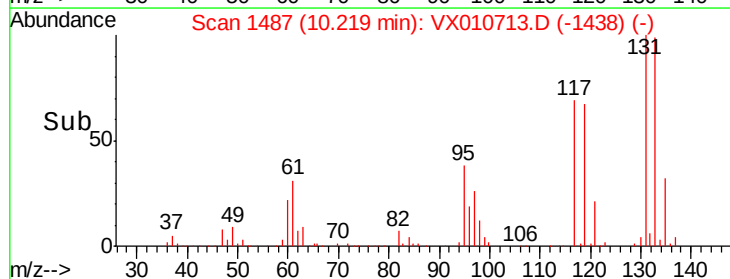
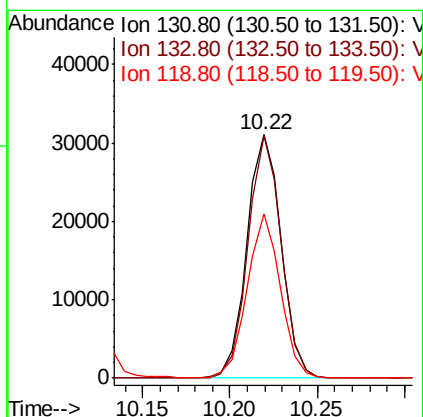
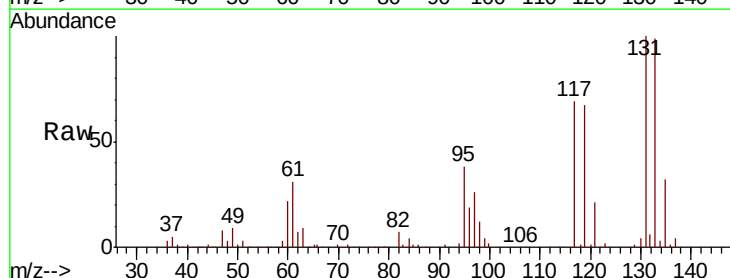
Instrument :
MSVOA_X
ClientSampled :
VX0708WBS02

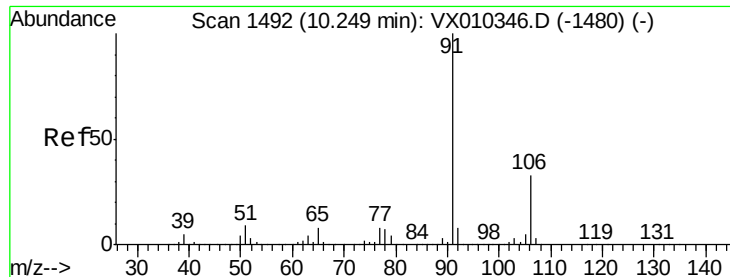
Tot Ion:112 Resp: 122156
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.051 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

Tgt Ion:131 Resp: 42513
Ion Ratio Lower Upper
131 100
133 96.7 47.7 143.1
119 65.3 32.6 97.7





#67

Ethyl Benzene

Concen: 19.846 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampled :

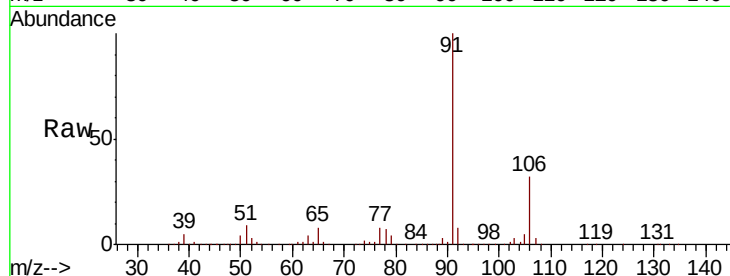
VX0708WBS02

Tot Ion: 91 Resp: 205261

Ion Ratio Lower Upper

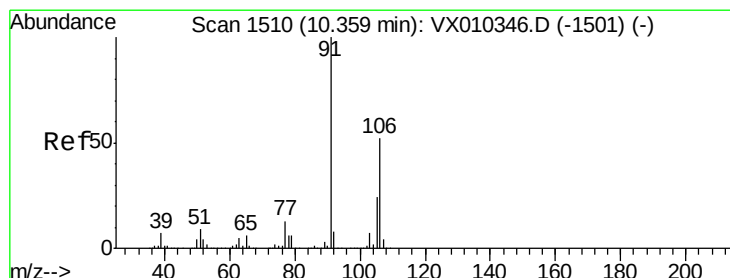
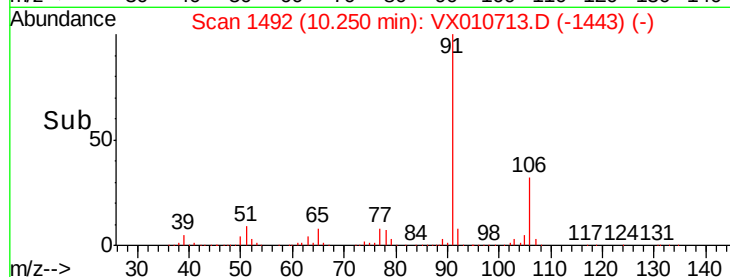
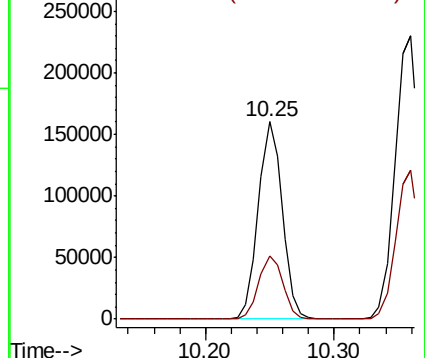
91 100

106 32.3 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.487 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010713.D

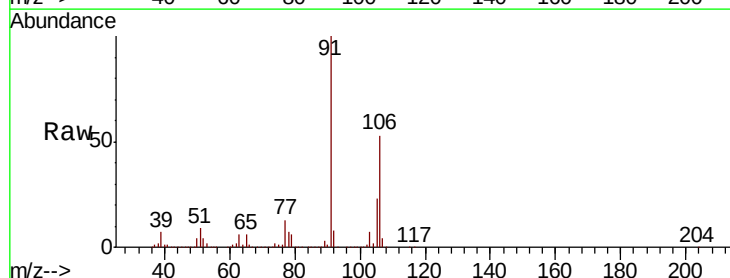
Acq: 08 Jul 2019 22:49

Tgt Ion: 106 Resp: 162250

Ion Ratio Lower Upper

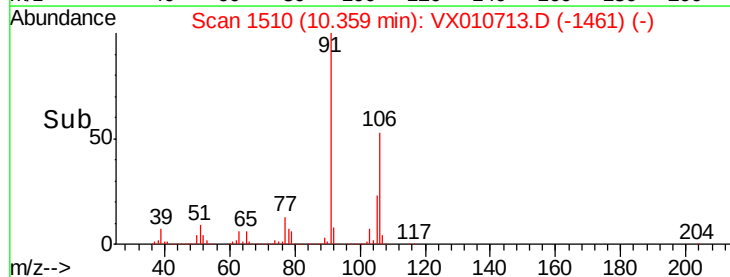
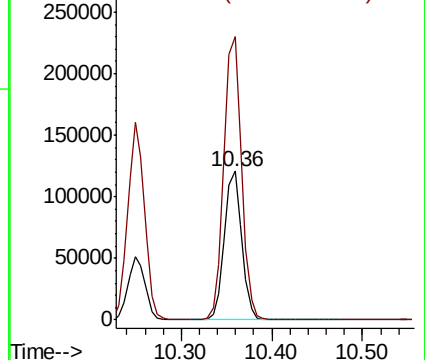
106 100

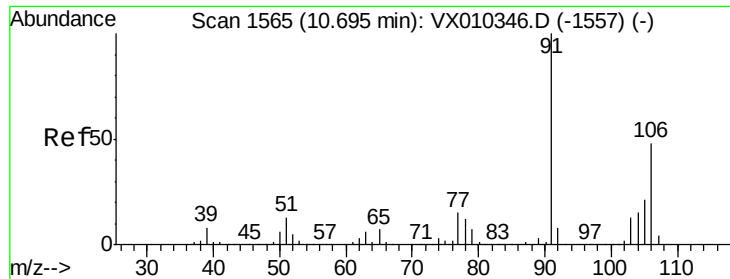
91 193.3 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

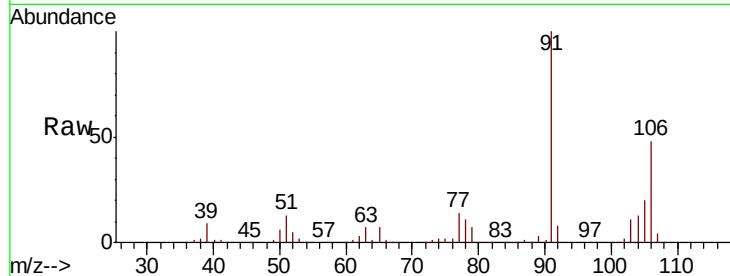




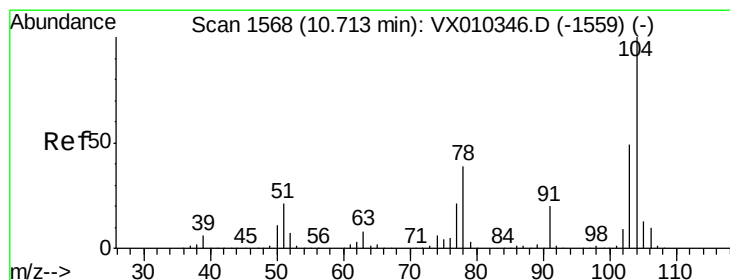
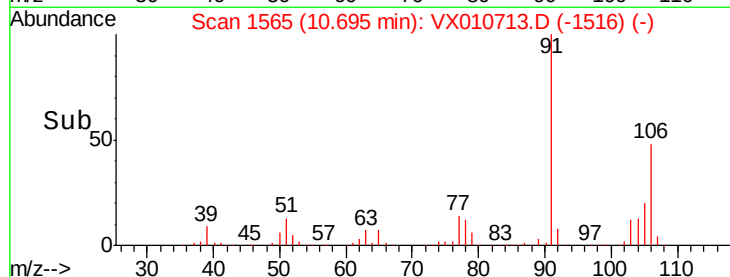
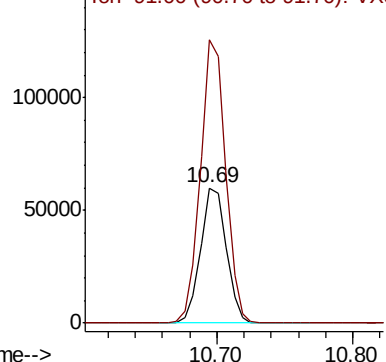
#69
o-Xylene
Concen: 20.153 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

Tot Ion:106 Resp: 79424
Ion Ratio Lower Upper
106 100
91 204.2 102.7 308.1

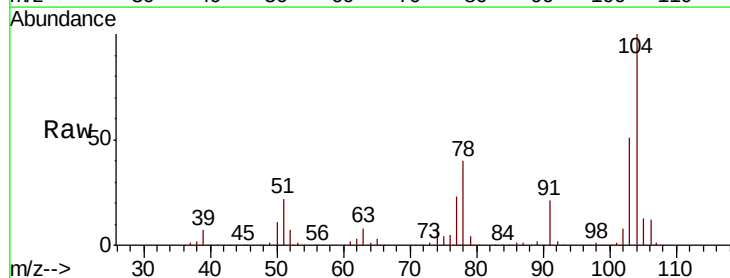


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

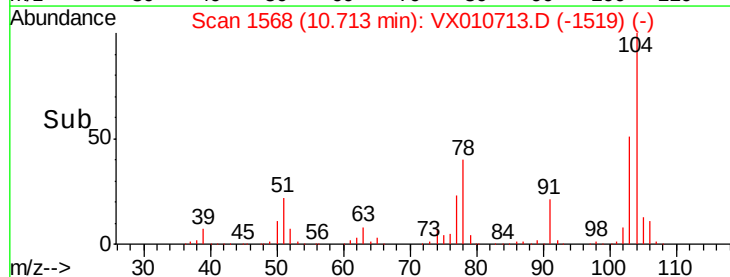
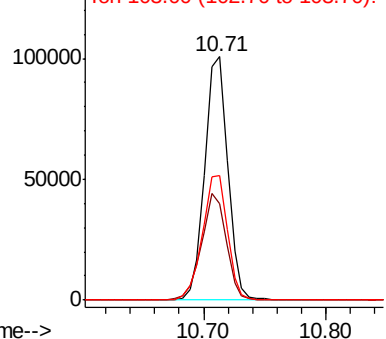


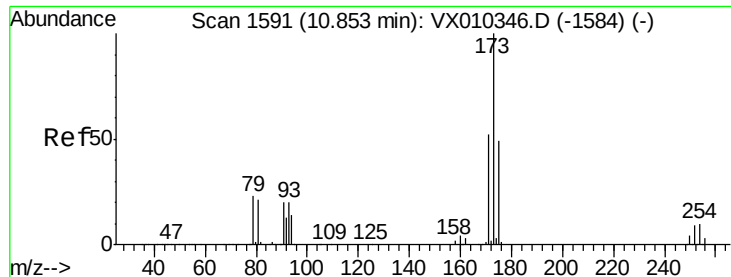
#70
Styrene
Concen: 19.808 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

Tgt Ion:104 Resp: 130917
Ion Ratio Lower Upper
104 100
78 47.1 36.2 54.2
103 55.7 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: 16.563 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

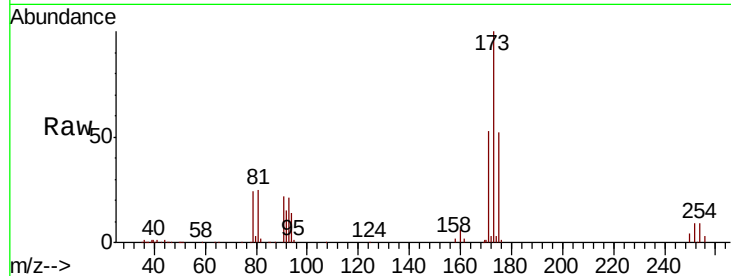
Tot Ion:173 Resp: 32143

Ion Ratio Lower Upper

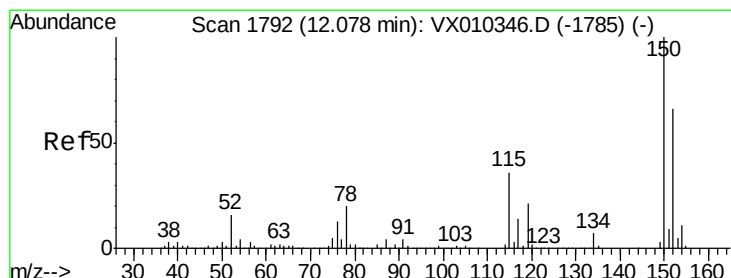
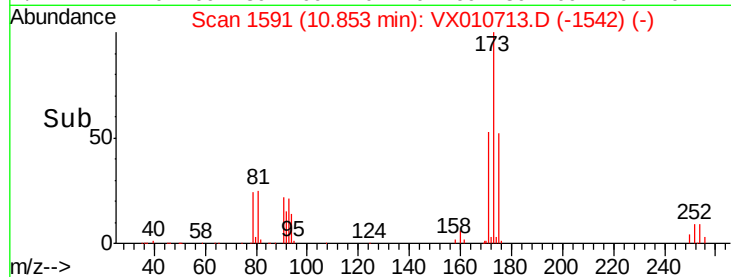
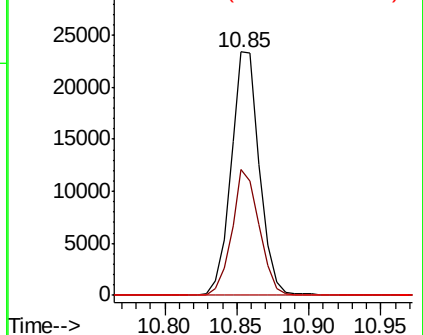
173 100

175 49.7 24.1 72.3

254 0.0 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: VX010713.D

Acq: 08 Jul 2019 22:49

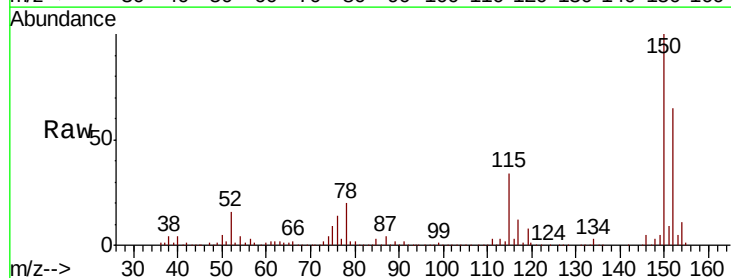
Tgt Ion:152 Resp: 156787

Ion Ratio Lower Upper

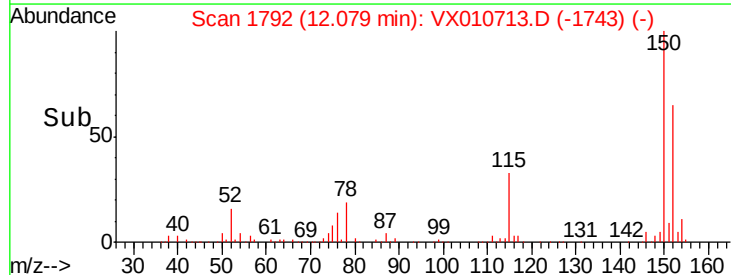
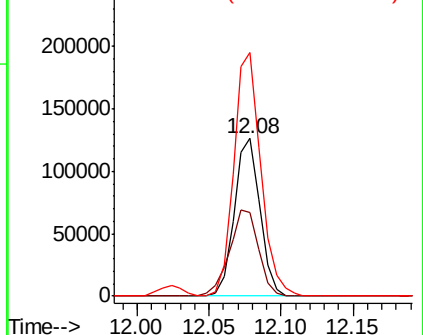
152 100

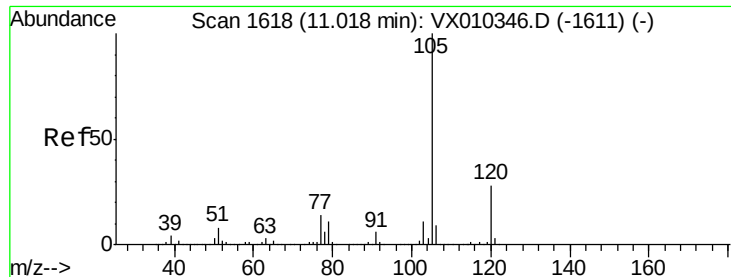
115 62.2 38.6 115.7

150 163.0 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: 19.481 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

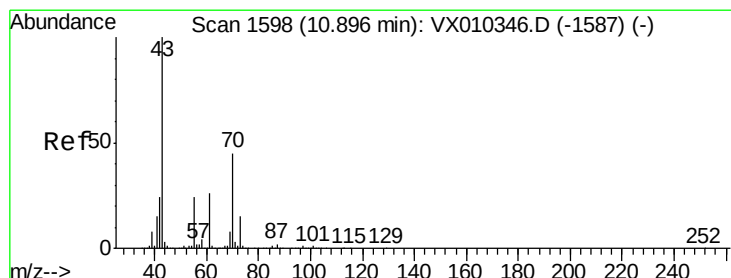
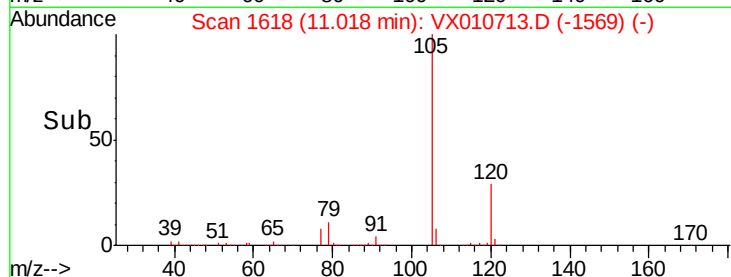
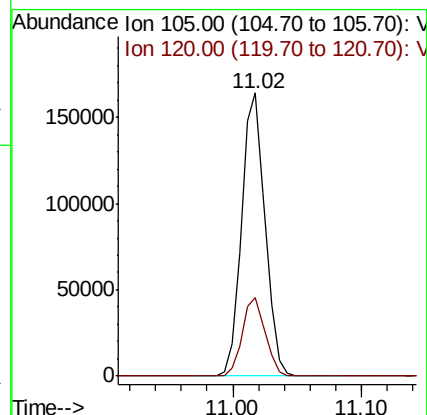
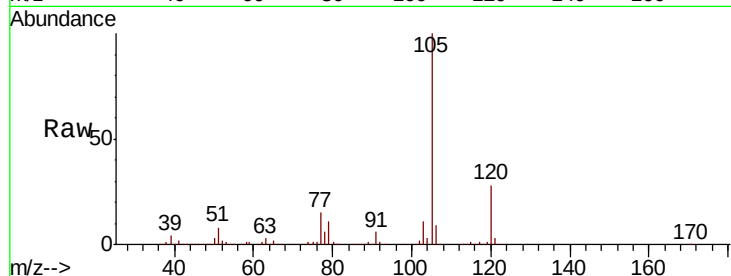
VX0708WBS02

Tot Ion:105 Resp: 207046

Ion Ratio Lower Upper

105 100

120 27.3 14.1 42.4



#74

N-ethyl acetate

Concen: 19.567 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Tgt Ion: 43 Resp: 78595

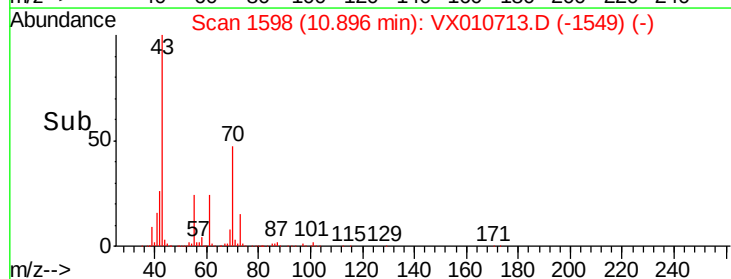
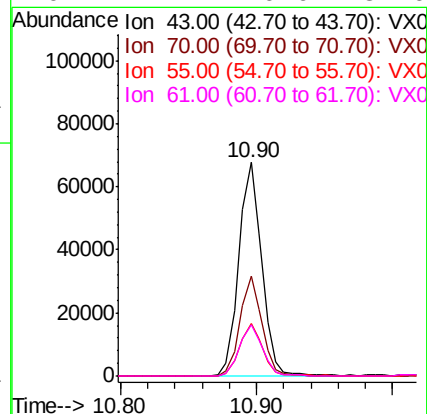
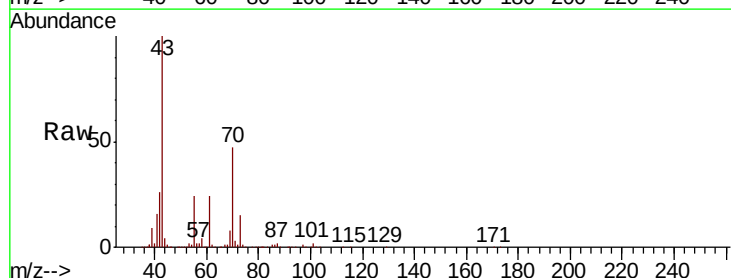
Ion Ratio Lower Upper

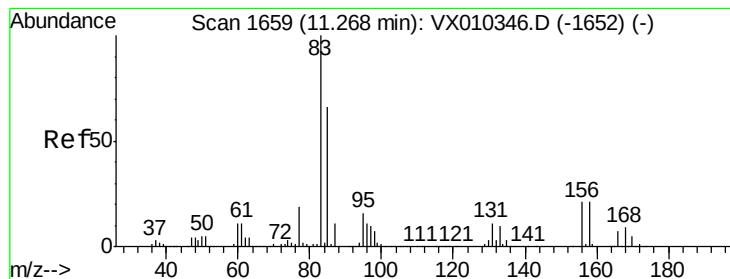
43 100

70 45.6 36.6 54.8

55 25.0 18.7 28.1

61 24.4 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.821 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

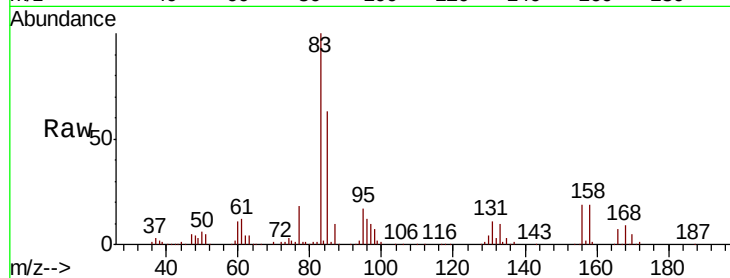
Tot Ion: 83 Resp: 69764

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

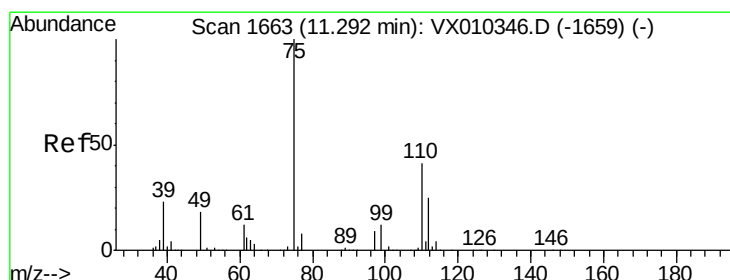
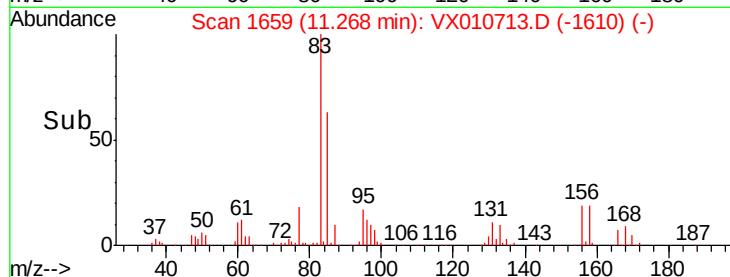
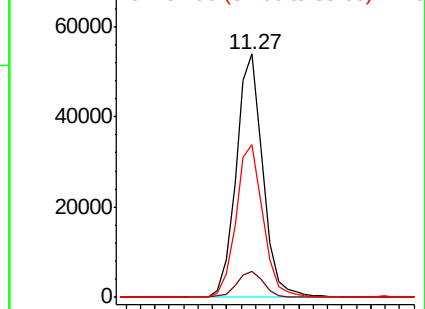
85 63.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.347 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010713.D

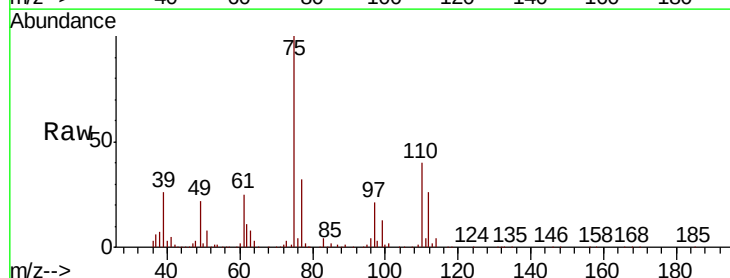
Acq: 08 Jul 2019 22:49

Tgt Ion: 75 Resp: 72417

Ion Ratio Lower Upper

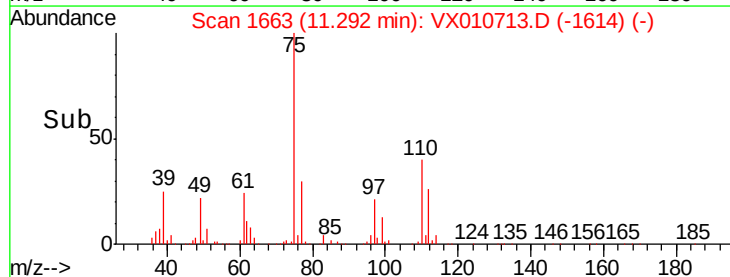
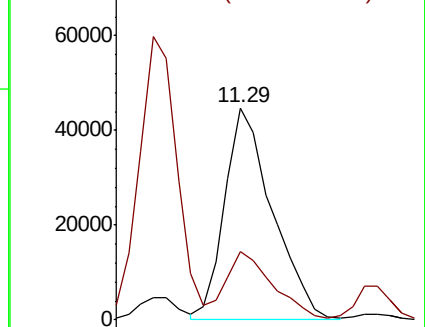
75 100

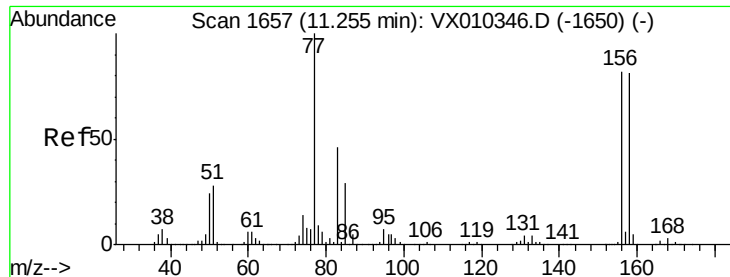
77 32.0 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.668 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010713.D

Acq: 08 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

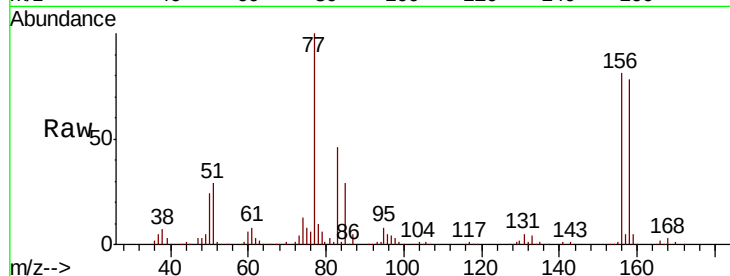
Tot Ion:156 Resp: 58370

Ion Ratio Lower Upper

156 100

77 131.9 66.3 198.7

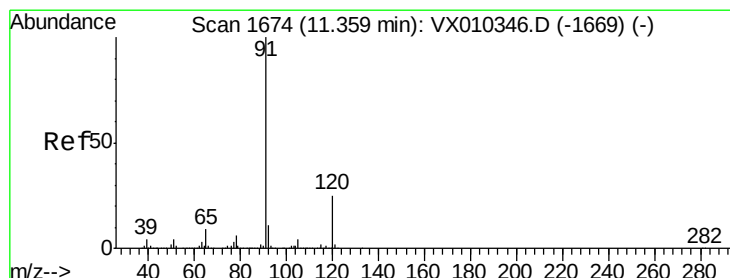
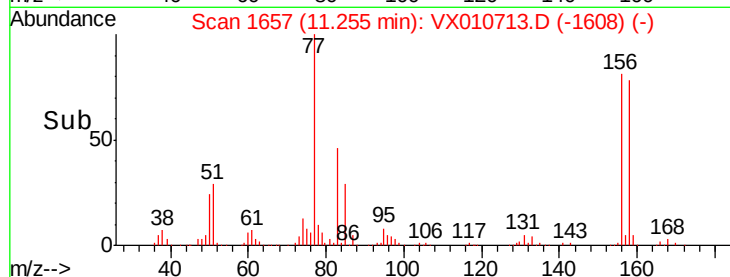
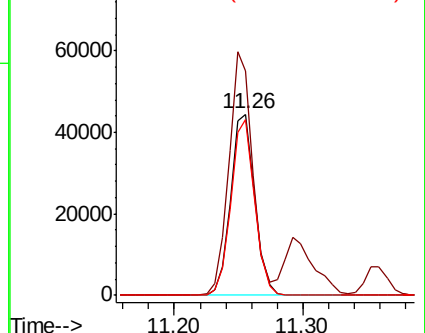
158 95.6 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.670 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010713.D

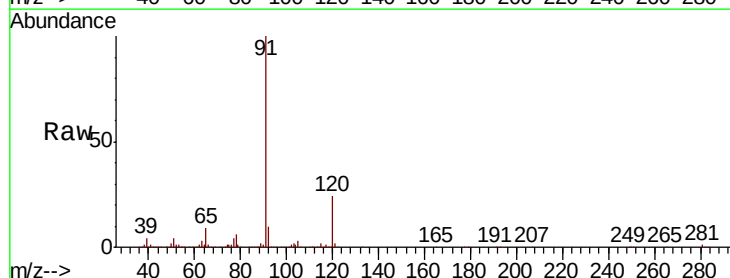
Acq: 08 Jul 2019 22:49

Tgt Ion: 91 Resp: 229767

Ion Ratio Lower Upper

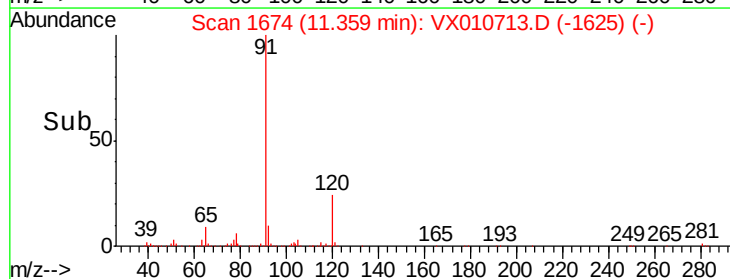
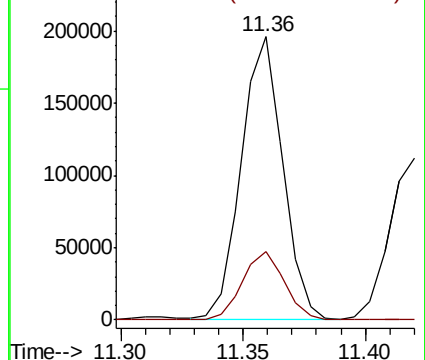
91 100

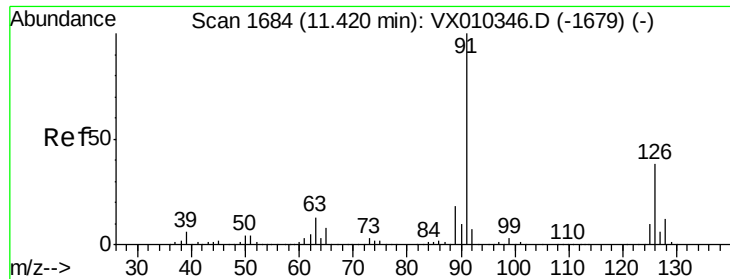
120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

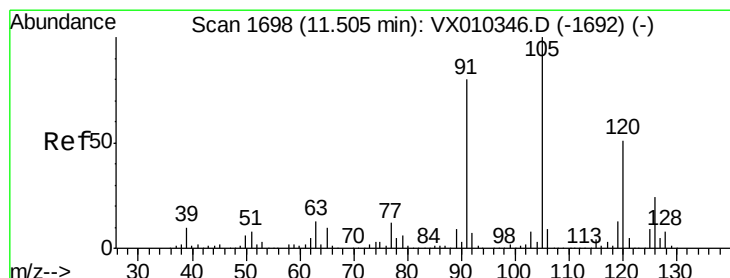
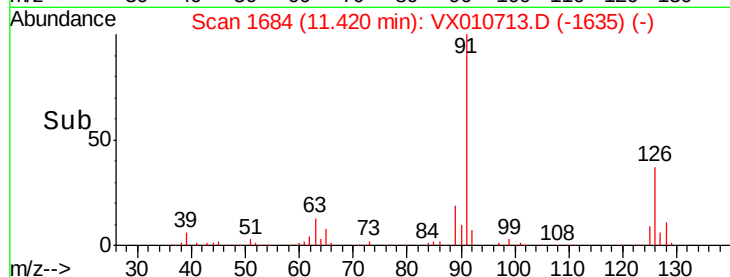
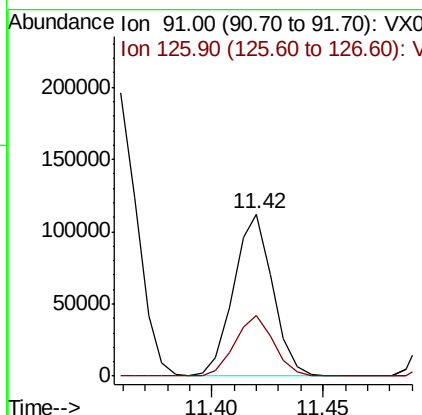
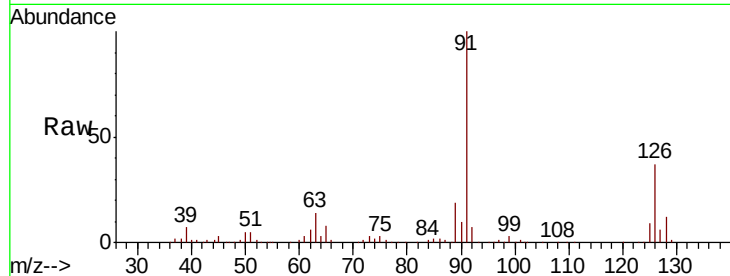




#79
 2-Chlorotoluene
 Concen: 19.670 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

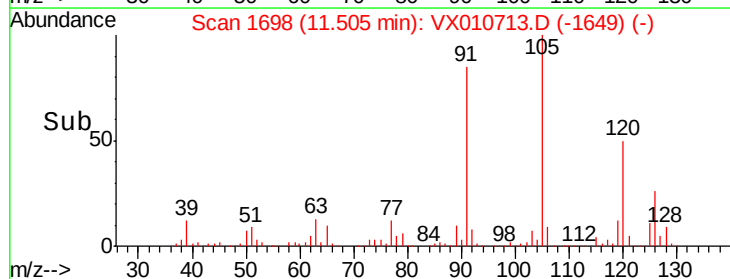
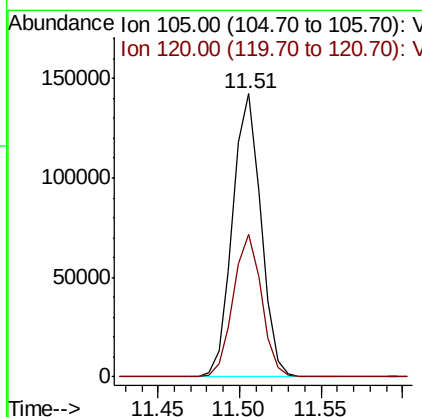
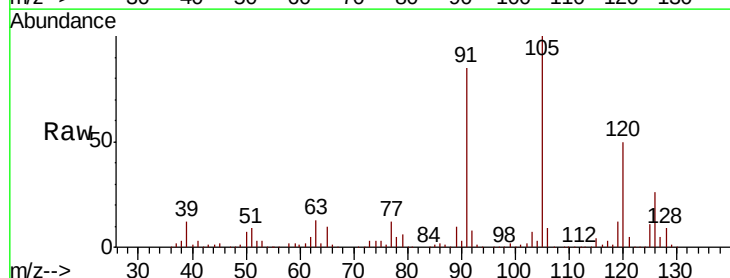
Instrument :
 MSVOA_X
 ClientSampled :
 VX0708WBS02

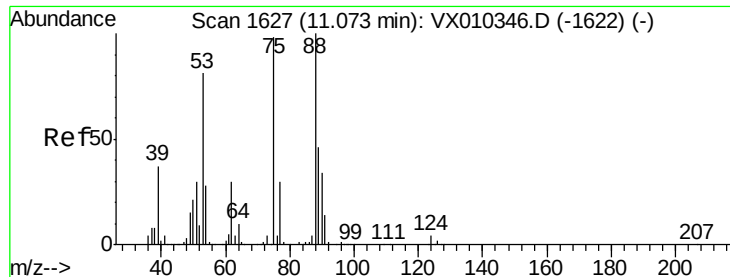
Tot Ion: 91 Resp: 136816
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.588 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

Tgt Ion: 105 Resp: 171621
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.2 75.6

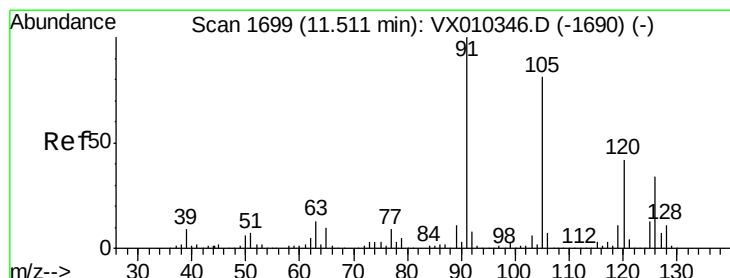
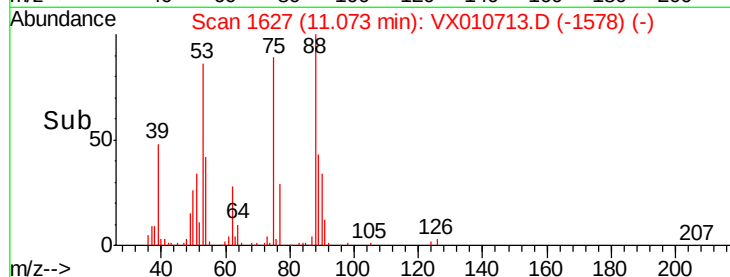
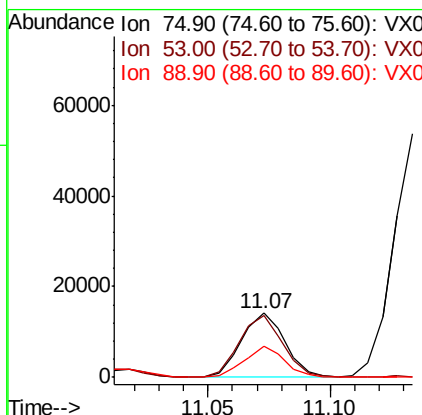
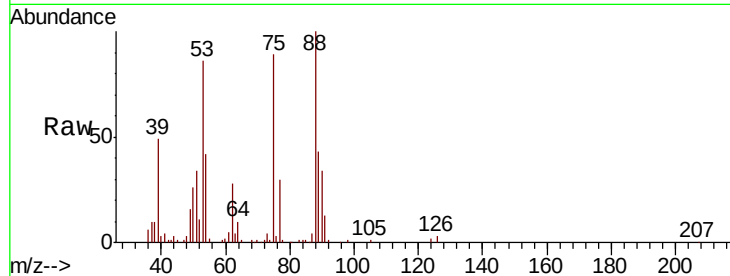




#81
trans-1,4-Dichloro-2-butene
Concen: 14.302 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

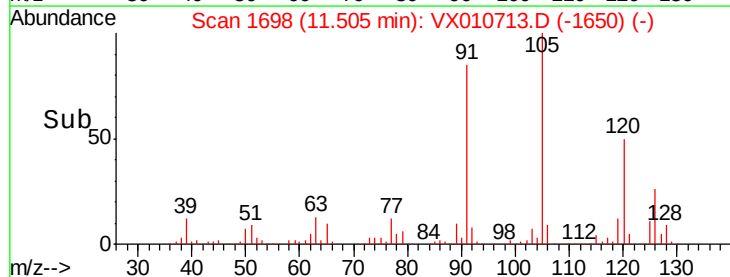
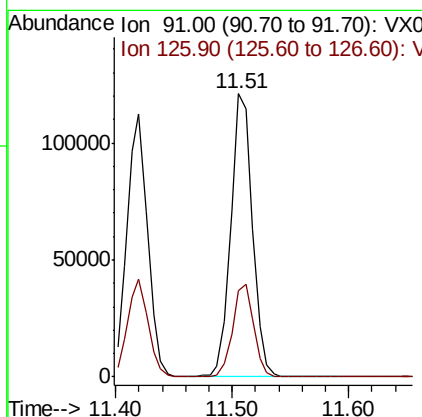
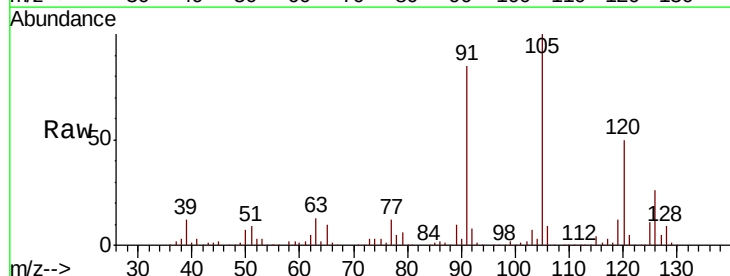
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

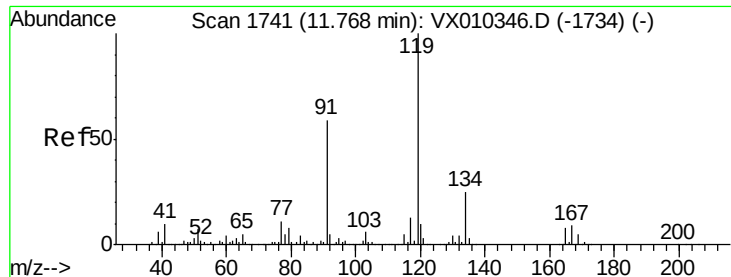
Tot Ion: 75 Resp: 17515
Ion Ratio Lower Upper
75 100
53 95.7 66.1 99.1
89 45.4 37.8 56.6



#82
4-Chlorotoluene
Concen: 19.734 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

Tgt Ion: 91 Resp: 156188
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6

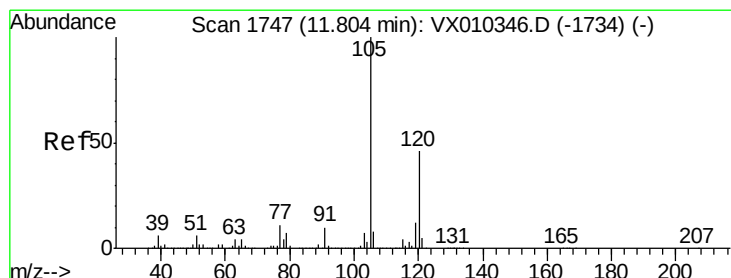
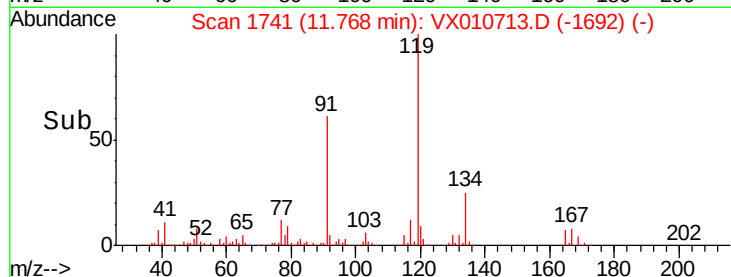
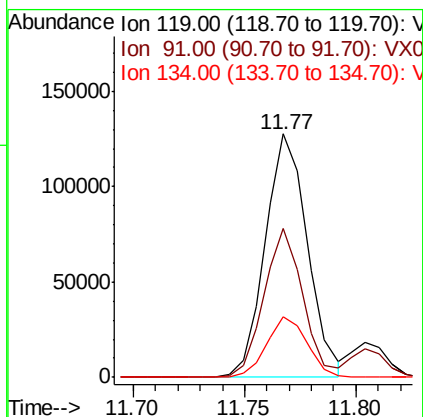
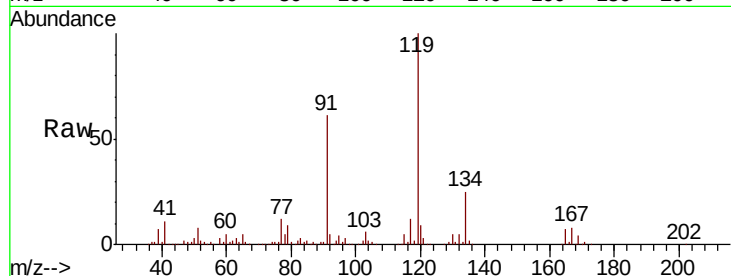




#83
 tert-Butylbenzene
 Concen: 19.111 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

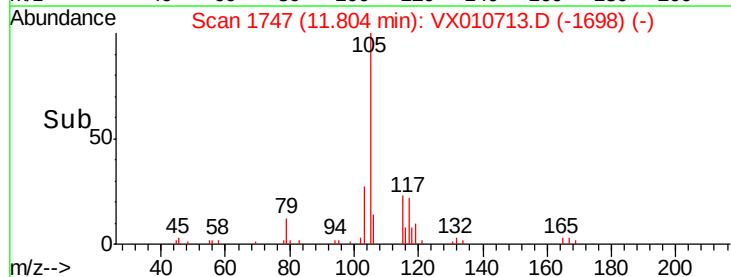
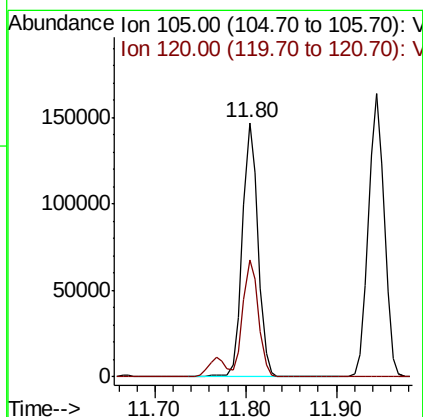
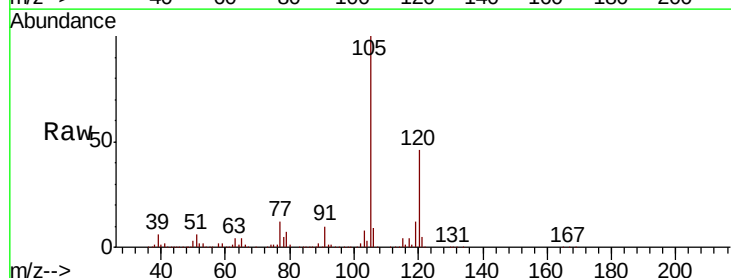
Instrument :
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 ClientSampleId :
 VX0708WBS02

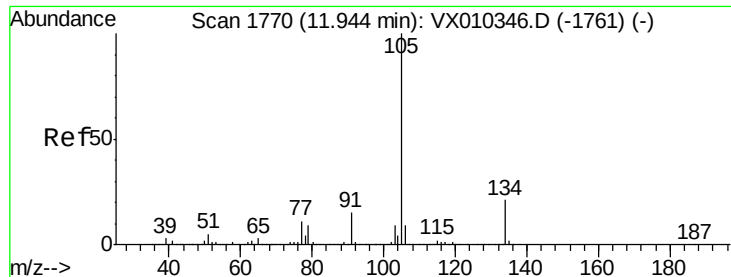
Tot Ion:119 Resp: 168059
 Ion Ratio Lower Upper
 119 100
 91 56.7 27.6 82.7
 134 24.0 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.908 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

Tgt Ion:105 Resp: 175247
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.2

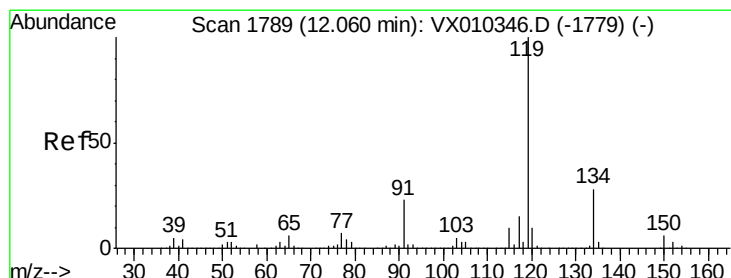
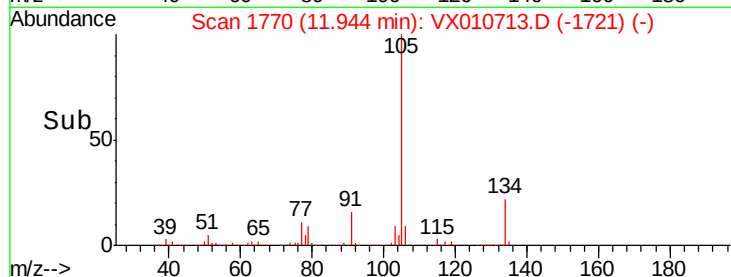
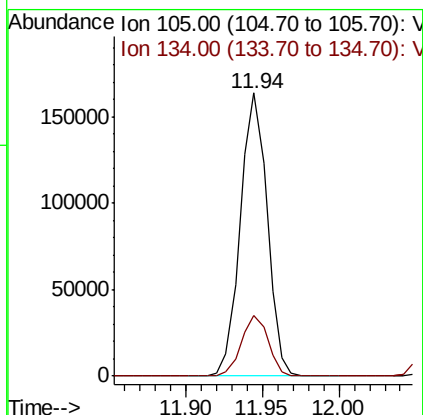
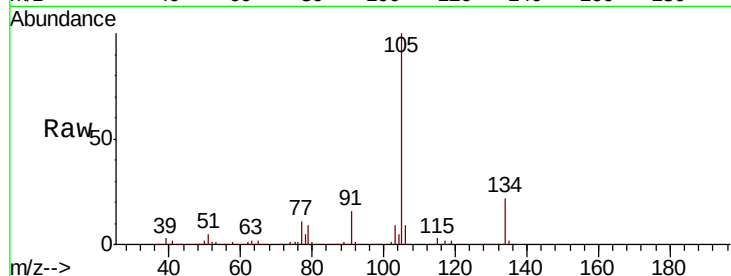




#85
 sec-Butylbenzene
 Concen: 19.265 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

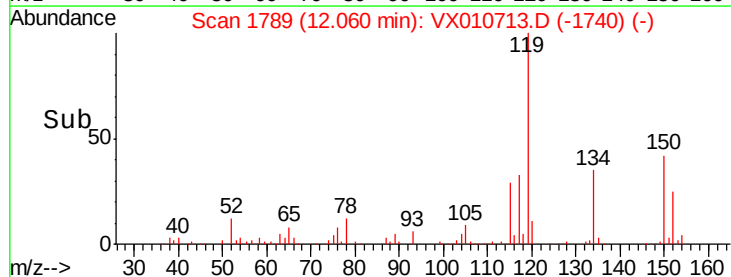
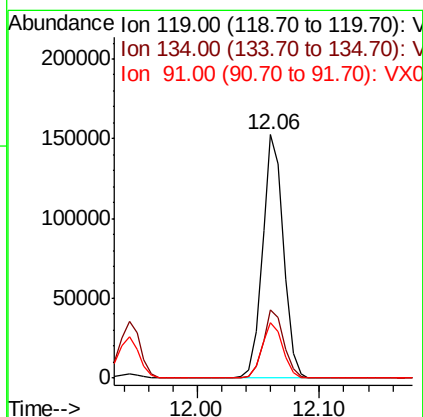
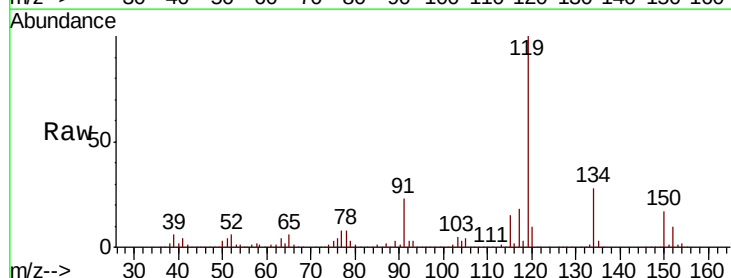
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

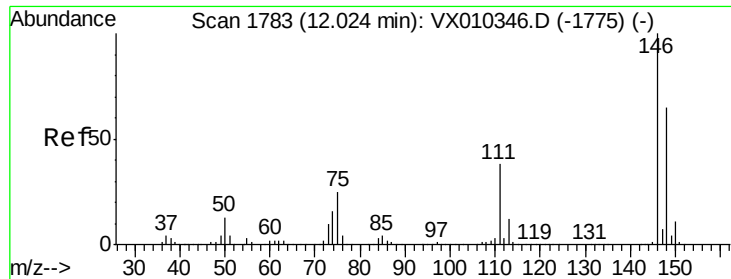
Tot Ion:105 Resp: 198914
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 19.035 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

Tgt Ion:119 Resp: 181799
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.7 41.1
 91 23.1 11.3 33.8

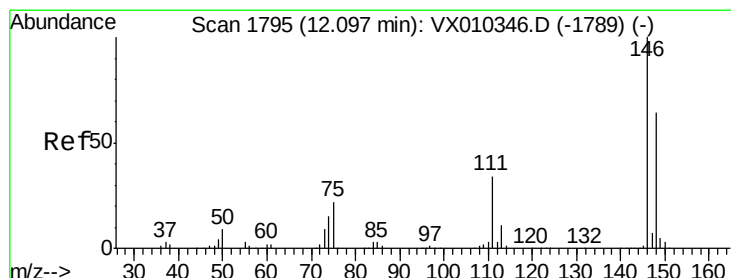
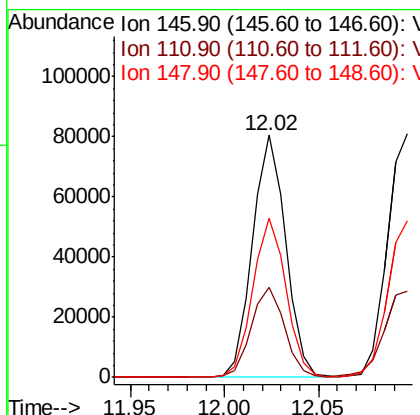
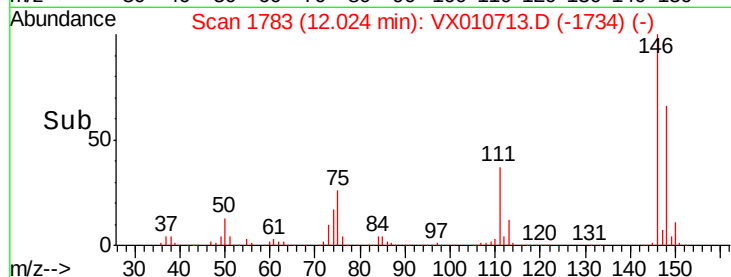
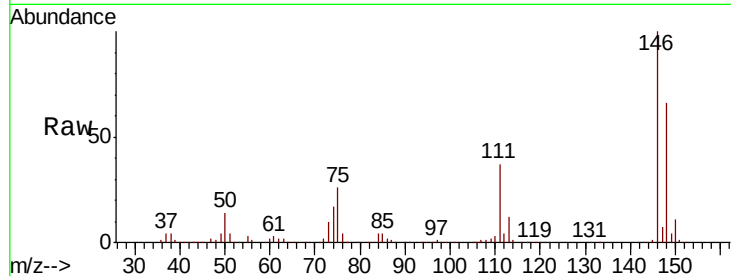




#87
 1,3-Dichlorobenzene
 Concen: 19.024 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

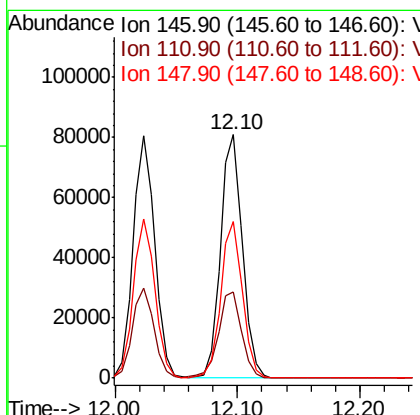
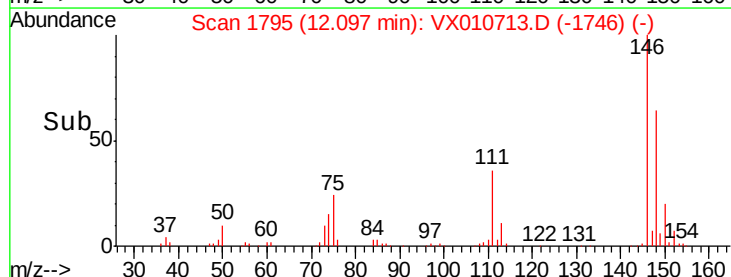
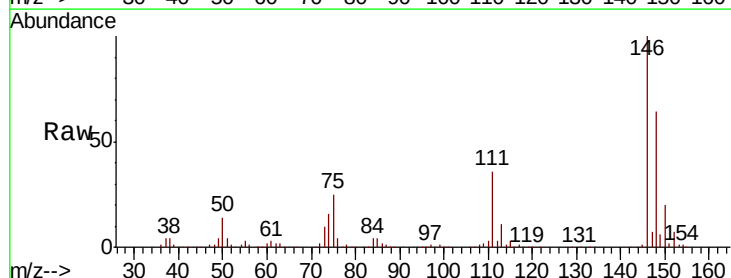
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

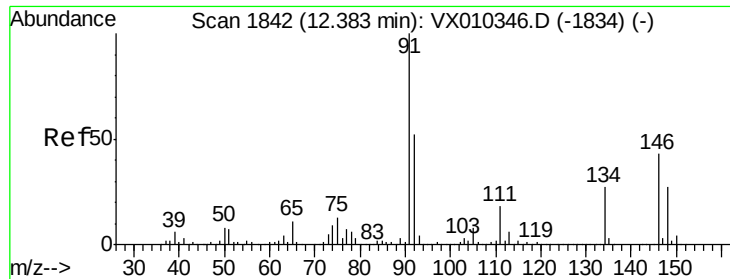
Tot Ion:146 Resp: 98548
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.1
 148 65.9 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 19.036 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

Tgt Ion:146 Resp: 100394
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.1 54.3
 148 63.7 32.1 96.3

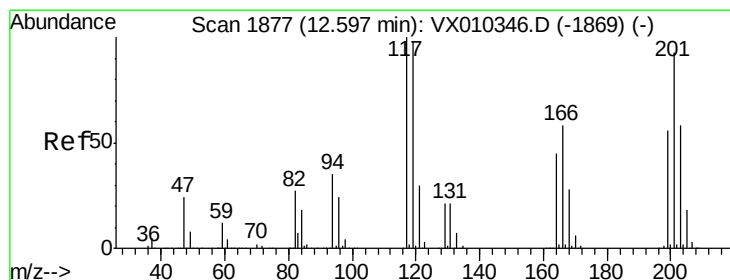
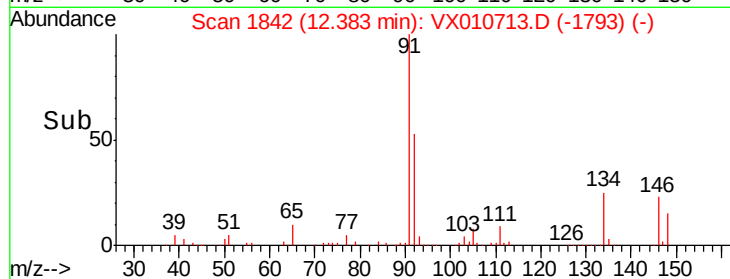
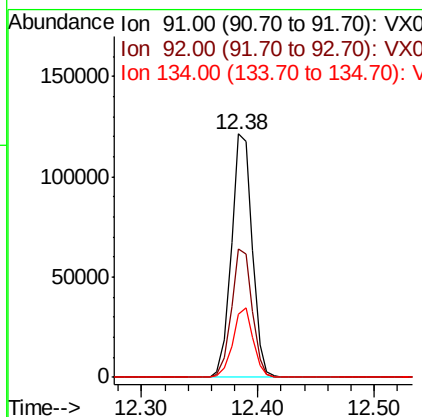
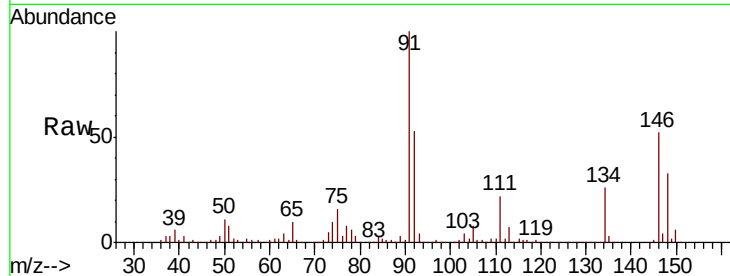




#89
n-Butylbenzene
Concen: 18.627 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

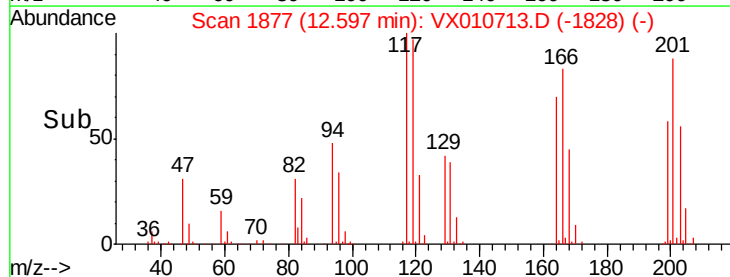
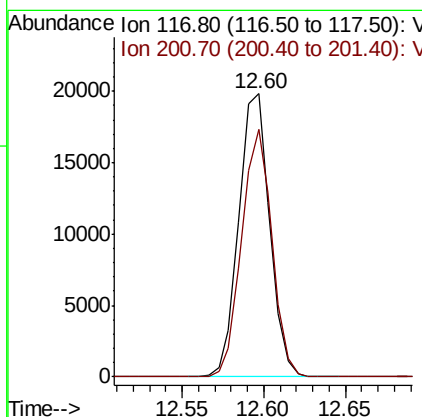
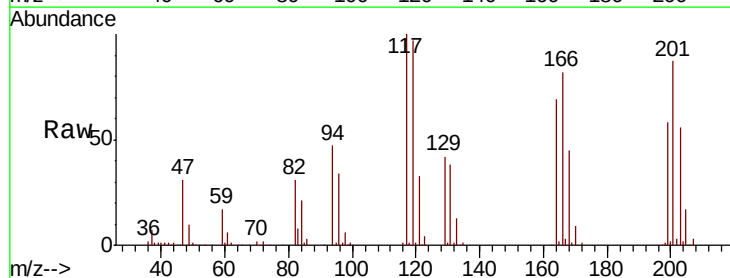
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ClientSampleId :
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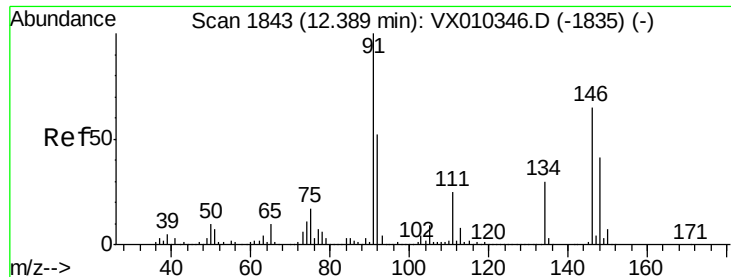
Tot Ion: 91 Resp: 151167
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 27.7 14.1 42.4



#90
Hexachloroethane
Concen: 15.933 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

Tgt Ion: 117 Resp: 26312
Ion Ratio Lower Upper
117 100
201 85.2 44.0 131.8

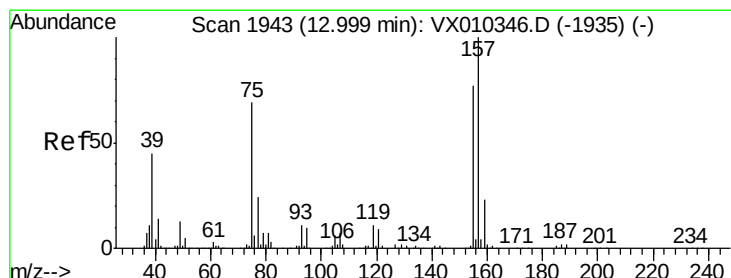
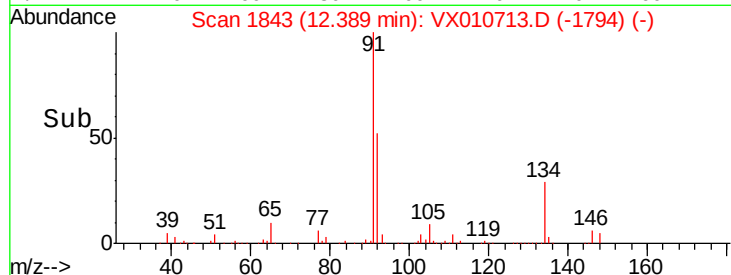
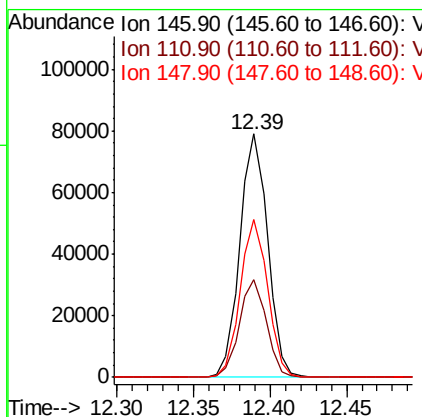
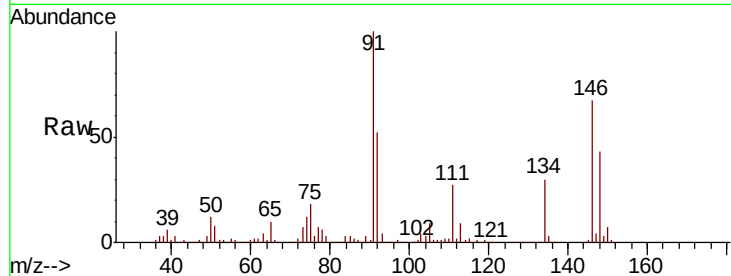




#91
 1,2-Dichlorobenzene
 Concen: 19.302 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

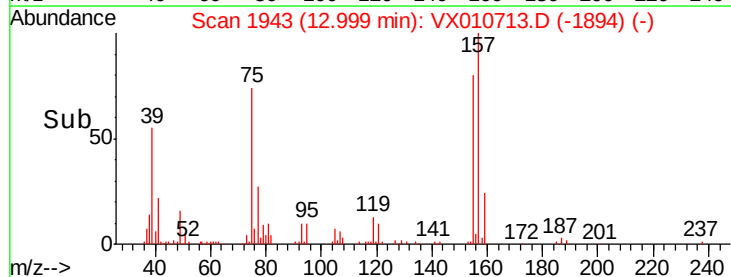
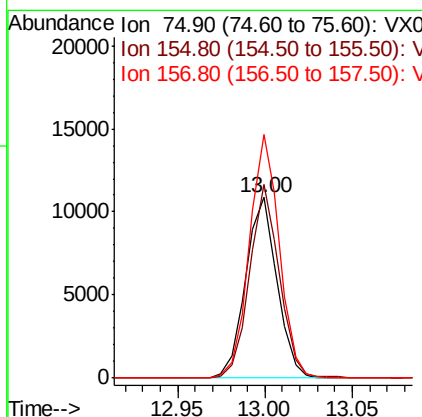
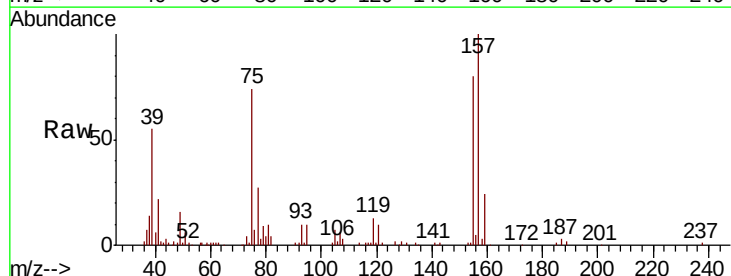
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 ClientSampled :
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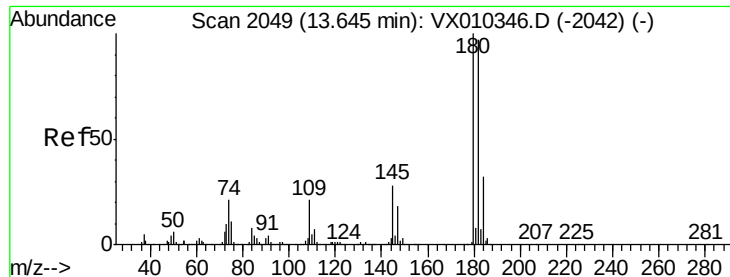
Tot Ion:146 Resp: 99380
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.2 57.6
 148 63.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.887 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

Tgt Ion: 75 Resp: 13574
 Ion Ratio Lower Upper
 75 100
 155 101.1 54.4 163.1
 157 127.6 69.5 208.3

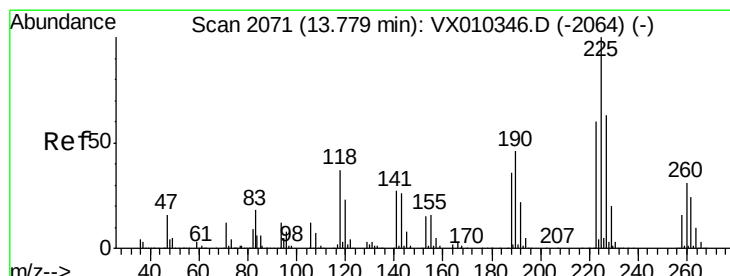
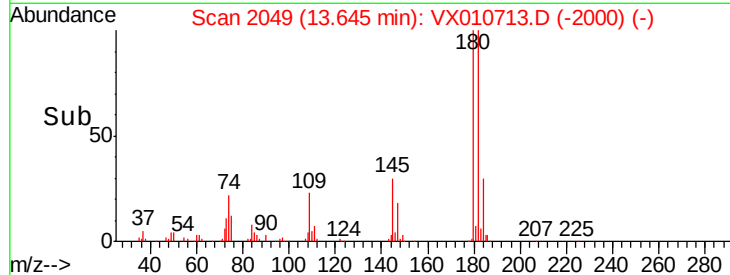
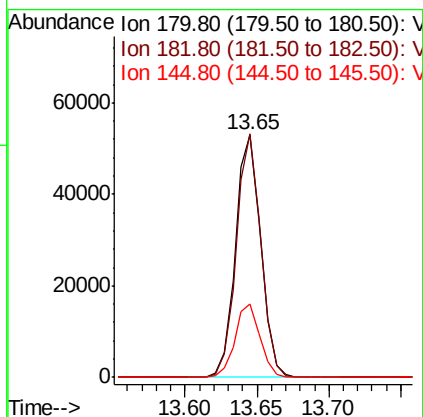
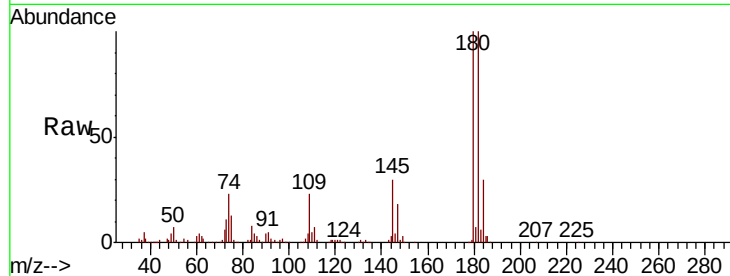




#93
 1,2,4-Trichlorobenzene
 Concen: 18.213 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

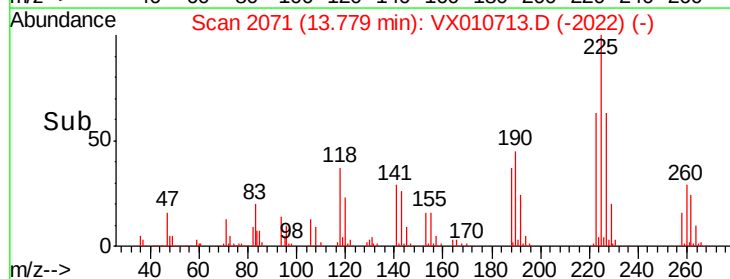
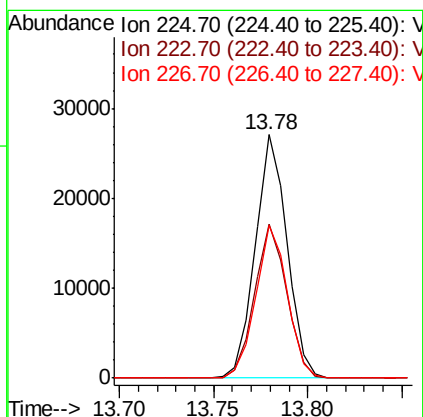
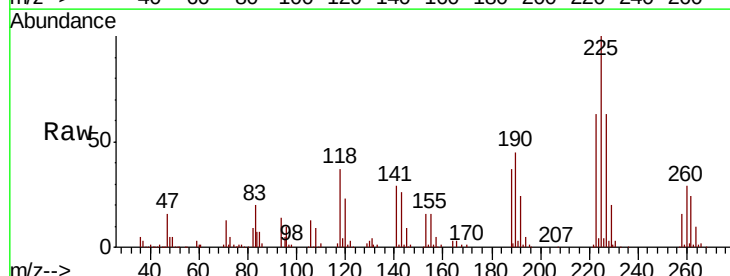
Instrument :
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 ClientSampleId :
 VX0708WBS02

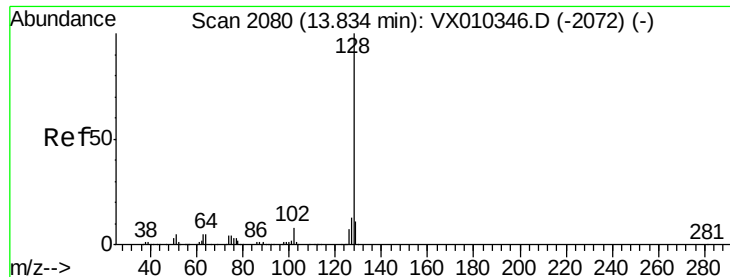
Tot Ion:180 Resp: 65028
 Ion Ratio Lower Upper
 180 100
 182 96.8 48.0 144.0
 145 29.7 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 18.152 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010713.D
 Acq: 08 Jul 2019 22:49

Tgt Ion:225 Resp: 31676
 Ion Ratio Lower Upper
 225 100
 223 64.0 30.9 92.7
 227 62.5 31.9 95.5

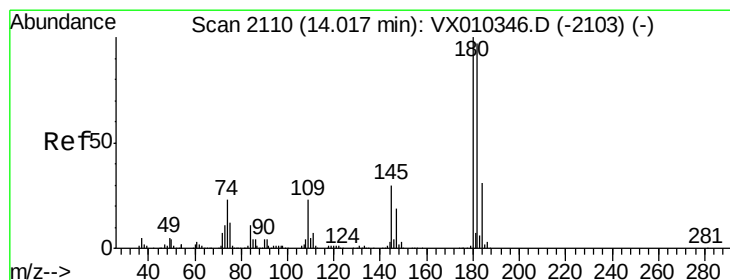
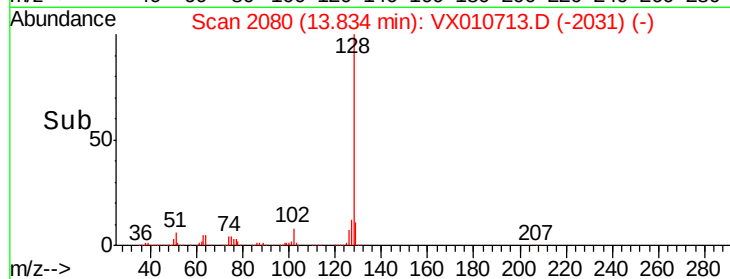
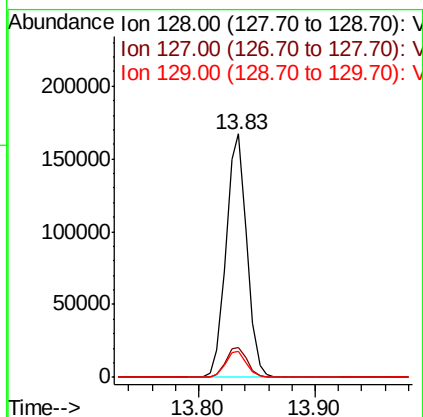
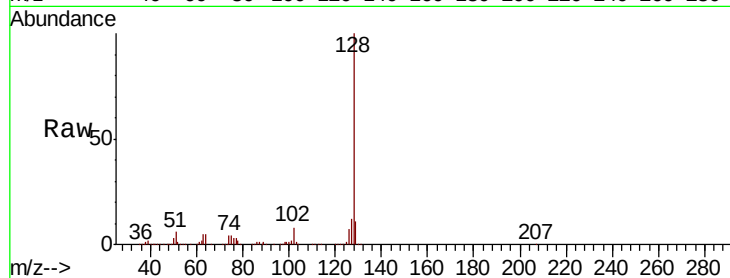




#95
Naphthalene
Concen: 18.715 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

Tot Ion:128 Resp: 205349
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.784 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010713.D
Acq: 08 Jul 2019 22:49

Tgt Ion:180 Resp: 66684
Ion Ratio Lower Upper
180 100
182 94.6 47.8 143.3
145 32.4 15.2 45.6

