

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009395.D
 Acq On : 08 May 2019 13:59
 Operator : JC/SP
 Sample : VX0508WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

Quant Time: May 09 06:28:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	252135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121060	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116887	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	5.50	113	87133	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.71	98	351640	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.13	95	126798	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31922	19.588	ug/l	98
3) Chloromethane	1.32	50	46667	20.975	ug/l	98
4) Vinyl Chloride	1.41	62	46216	21.302	ug/l	98
5) Bromomethane	1.64	94	26738	20.533	ug/l	96
6) Chloroethane	1.72	64	31166	22.374	ug/l	100
7) Trichlorofluoromethane	1.93	101	57573	21.831	ug/l	97
8) Diethyl Ether	2.19	74	26348	21.092	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35530	21.454	ug/l	99
10) Methyl Iodide	2.51	142	30962	19.206	ug/l	99
11) Tert butyl alcohol	3.05	59	59059	105.685	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35888	21.628	ug/l	94
13) Acrolein	2.29	56	48997	96.816	ug/l	99
14) Allyl chloride	2.73	41	84301	20.847	ug/l	99
15) Acrylonitrile	3.14	53	145375	106.396	ug/l	99
16) Acetone	2.45	43	147284	113.618	ug/l	98
17) Carbon Disulfide	2.57	76	104212	22.369	ug/l	99
18) Methyl Acetate	2.78	43	60372	19.583	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	137080	21.274	ug/l	100
20) Methylene Chloride	2.85	84	42975	20.475	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	38193	21.224	ug/l	98
22) Diisopropyl ether	3.86	45	164833	21.196	ug/l	96
23) Vinyl Acetate	3.82	43	746946	112.167	ug/l	99
24) 1,1-Dichloroethane	3.70	63	80465	20.974	ug/l	99
25) 2-Butanone	4.68	43	223211	110.806	ug/l	98
26) 2,2-Dichloropropane	4.58	77	60114	21.052	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	46025	21.427	ug/l	98
28) Bromochloromethane	5.02	49	30039	17.680	ug/l	99
29) Tetrahydrofuran	5.13	42	144018	111.102	ug/l	99
30) Chloroform	5.21	83	74211	21.388	ug/l	100
31) Cyclohexane	5.58	56	78749	22.064	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	61683	21.356	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55990	21.569	ug/l	100
37) Ethyl Acetate	4.84	43	80253	22.189	ug/l	99
38) Carbon Tetrachloride	5.79	117	51026	21.635	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70702	22.178	ug/l	99
40) Benzene	6.15	78	174643	21.739	ug/l	99
41) Methacrylonitrile	5.04	41	45431	21.102	ug/l	99
42) 1,2-Dichloroethane	6.20	62	63318	21.972	ug/l	100
43) Isopropyl Acetate	6.45	43	124977	21.603	ug/l	99
44) Trichloroethene	7.21	130	42398	21.831	ug/l	97
45) 1,2-Dichloropropane	7.51	63	49774	21.881	ug/l	97
46) Dibromomethane	7.66	93	28254	21.389	ug/l	98
47) Bromodichloromethane	7.90	83	55495	21.061	ug/l	99
48) Methyl methacrylate	7.77	41	63126	21.994	ug/l	99
49) 1,4-Dioxane	7.74	88	24186	415.524	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	417704	110.466	ug/l	100
52) Toluene	8.79	92	107521	22.018	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	64354	21.632	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	71877	21.828	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43325	21.746	ug/l	99
56) Ethyl methacrylate	9.18	69	77795	21.875	ug/l	100
57) 1,3-Dichloropropane	9.37	76	75914	21.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	221533	117.423	ug/l	99
59) 2-Hexanone	9.49	43	330043	111.134	ug/l	100
60) Dibromochloromethane	9.58	129	41823	21.494	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43974	21.866	ug/l	99
64) Tetrachloroethene	9.33	164	37882	21.903	ug/l	99
65) Chlorobenzene	10.14	112	110762	21.960	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	39408	21.551	ug/l	98
67) Ethyl Benzene	10.25	91	204328	22.012	ug/l	99
68) m/p-Xylenes	10.36	106	150491	44.365	ug/l	99
69) o-Xylene	10.70	106	73189	21.868	ug/l	100
70) Styrene	10.71	104	126640	21.770	ug/l	99
71) Bromoform	10.85	173	31620	21.278	ug/l	99
73) Isopropylbenzene	11.02	105	195235	22.177	ug/l	98
74) N-amyl acetate	10.90	43	112826	21.983	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71884	21.904	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	82926	29.530	ug/l	82
77) Bromobenzene	11.26	156	47372	21.680	ug/l	100
78) n-propylbenzene	11.36	91	221986	22.080	ug/l	100
79) 2-Chlorotoluene	11.42	91	133289	21.489	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	165209	22.288	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22813	20.786	ug/l	93
82) 4-Chlorotoluene	11.51	91	151477	21.617	ug/l	99
83) tert-Butylbenzene	11.77	119	161111	22.343	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	165279	22.214	ug/l	100
85) sec-Butylbenzene	11.94	105	187544	21.938	ug/l	99
86) p-Isopropyltoluene	12.06	119	170309	22.160	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	84415	21.671	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	84117	21.420	ug/l	99
89) n-Butylbenzene	12.38	91	150761	21.704	ug/l	99
90) Hexachloroethane	12.60	117	28146	21.496	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	84904	21.400	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16207	22.015	ug/l	98

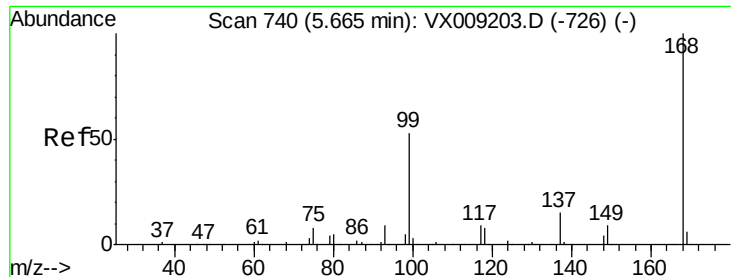
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	60391	22.259	ug/l	97
94) Hexachlorobutadiene	13.78	225	29927	21.601	ug/l	99
95) Naphthalene	13.83	128	196601	22.273	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	60686	22.067	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

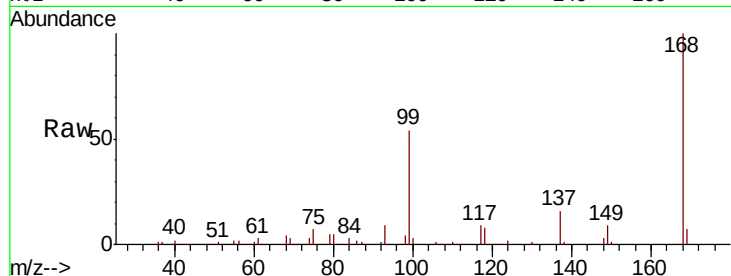
VX0508WBS02

Tot Ion:168 Resp: 176846

Ion Ratio Lower Upper

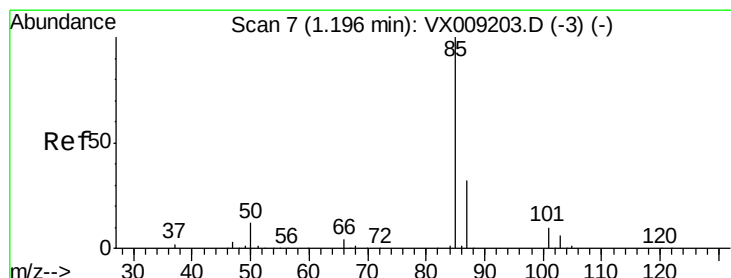
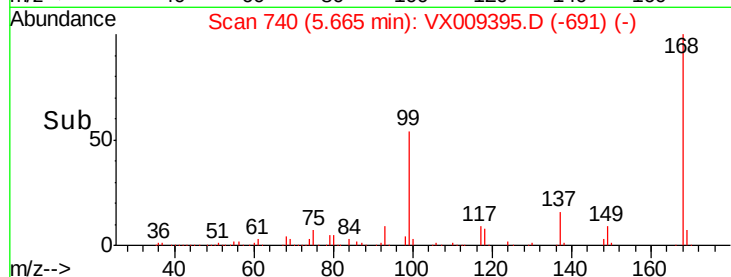
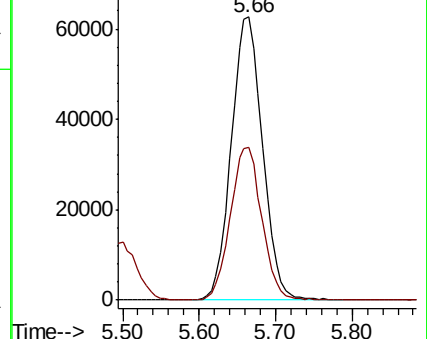
168 100

99 54.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.588 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009395.D

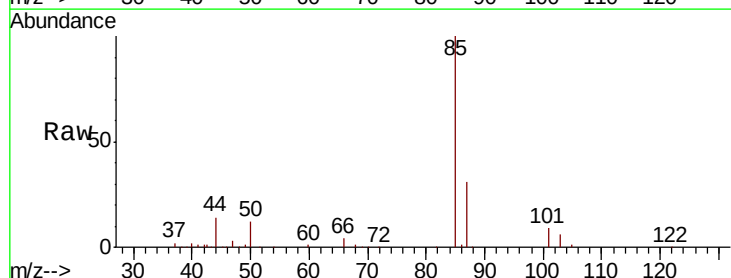
Acq: 08 May 2019 13:59

Tgt Ion: 85 Resp: 31922

Ion Ratio Lower Upper

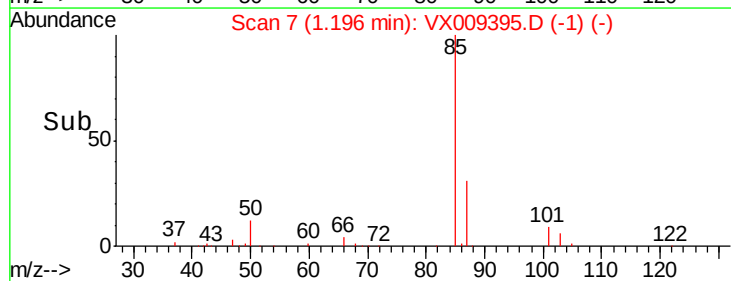
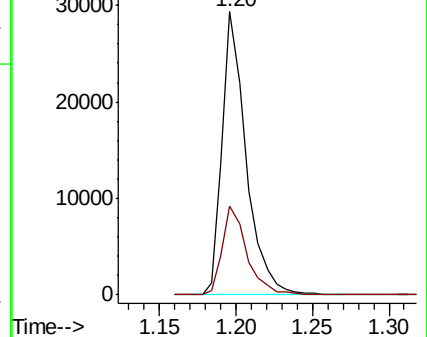
85 100

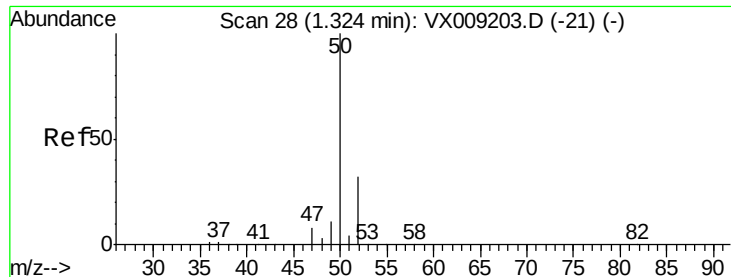
87 31.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.975 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

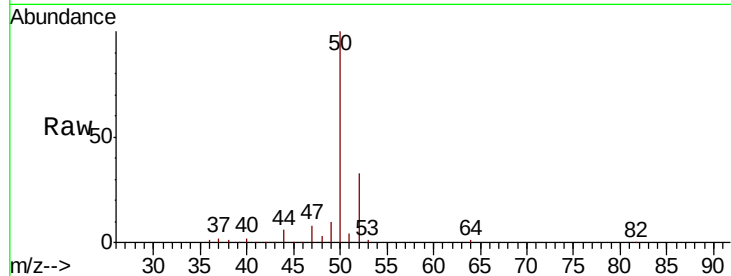
VX0508WBS02

Tot Ion: 50 Resp: 46667

Ion Ratio Lower Upper

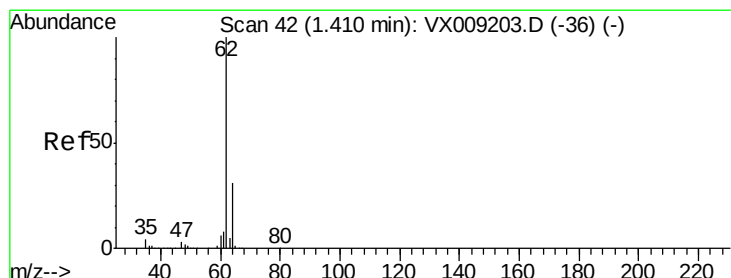
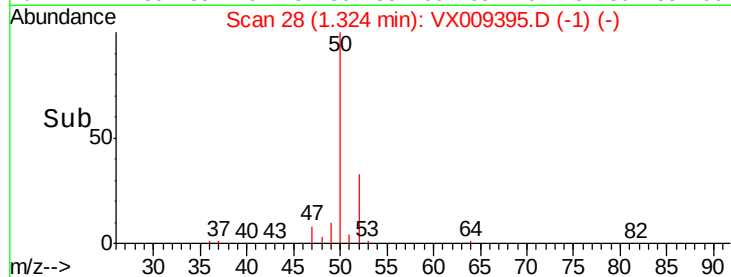
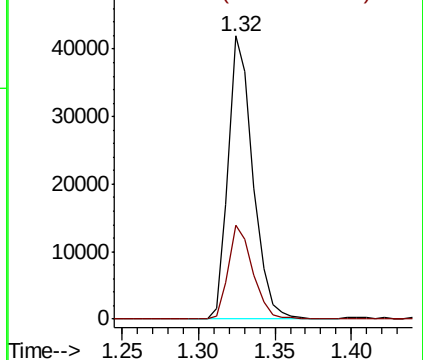
50 100

52 33.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.302 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009395.D

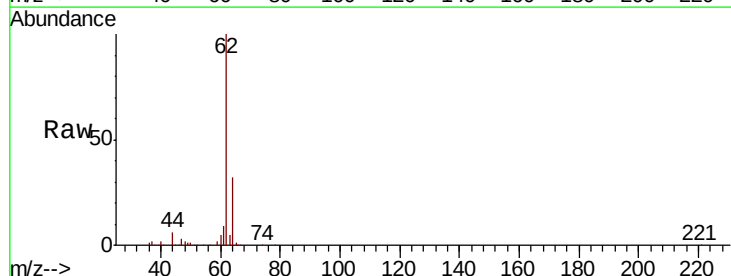
Acq: 08 May 2019 13:59

Tgt Ion: 62 Resp: 46216

Ion Ratio Lower Upper

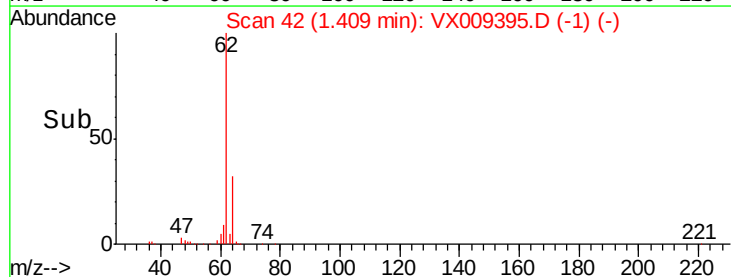
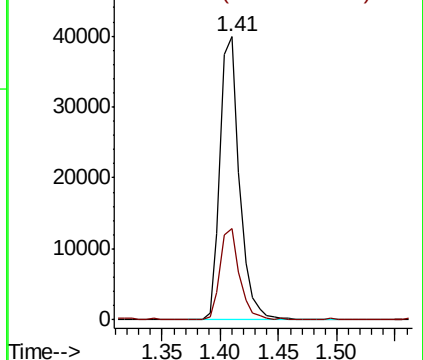
62 100

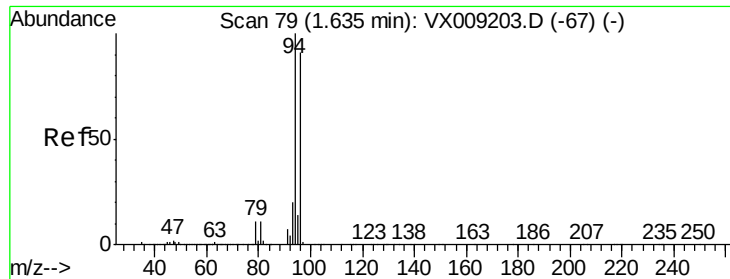
64 32.0 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.533 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

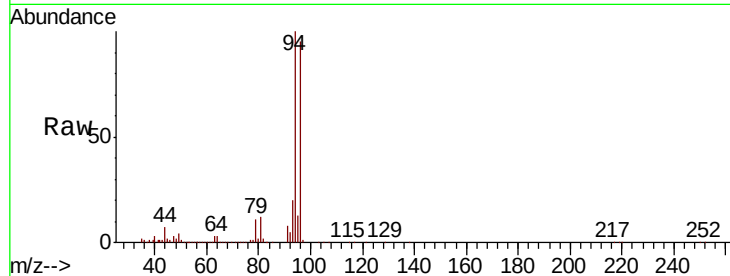
VX0508WBS02

Tot Ion: 94 Resp: 26738

Ion Ratio Lower Upper

94 100

96 95.3 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

25000

20000

15000

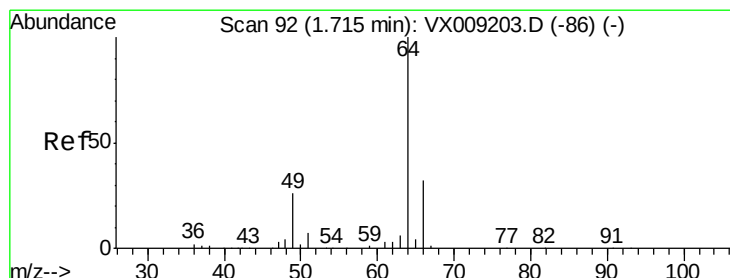
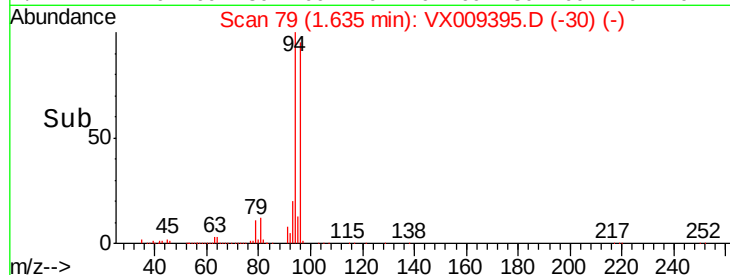
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 22.374 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009395.D

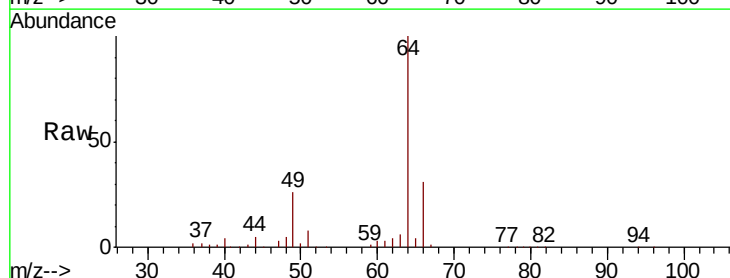
Acq: 08 May 2019 13:59

Tgt Ion: 64 Resp: 31166

Ion Ratio Lower Upper

64 100

66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

15000

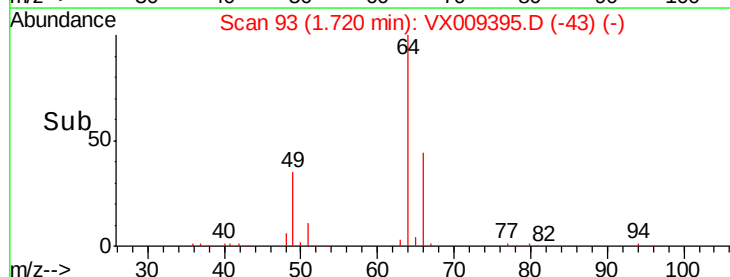
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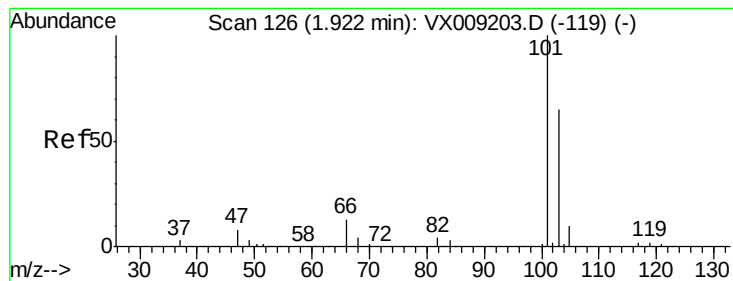
5000

0

Time-->

1.65 1.70 1.75 1.80 1.85



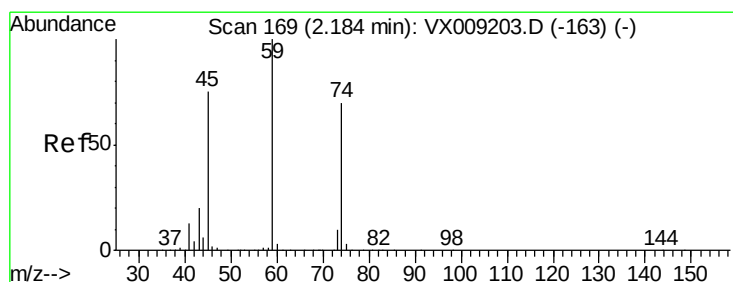
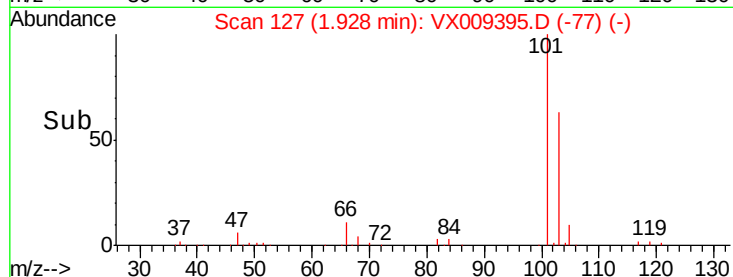
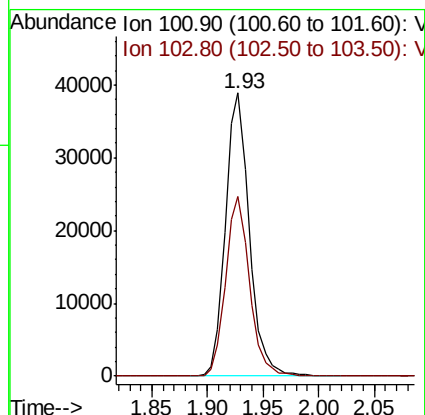
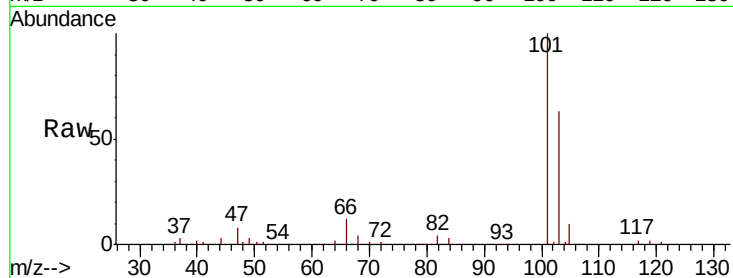


#7

Trichlorofluoromethane
 Concen: 21.831 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

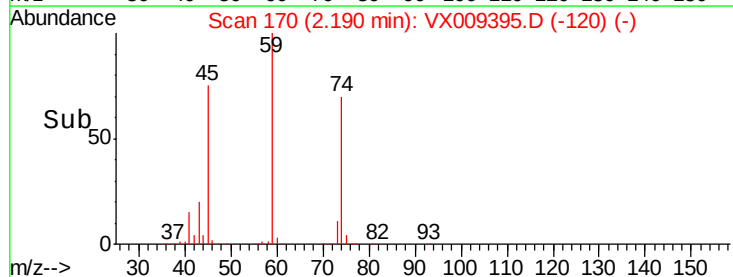
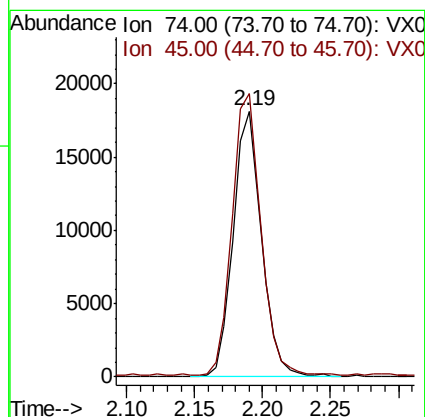
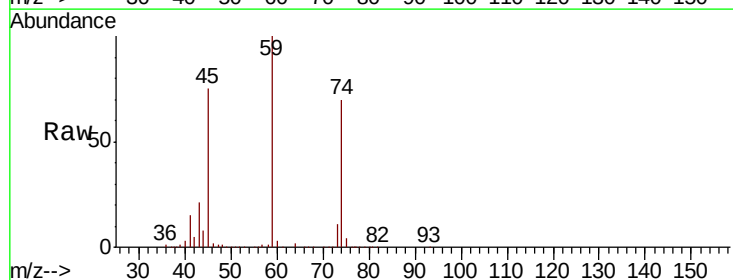
Tot Ion:101 Resp: 57573
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.4 78.6

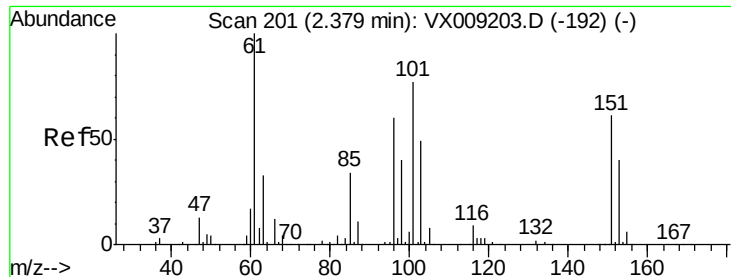


#8

Diethyl Ether
 Concen: 21.092 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Tgt Ion: 74 Resp: 26348
 Ion Ratio Lower Upper
 74 100
 45 108.0 53.3 159.9

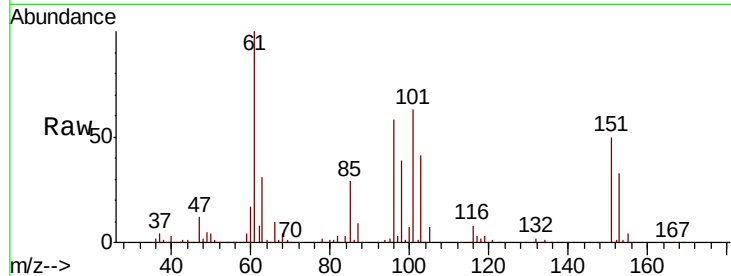




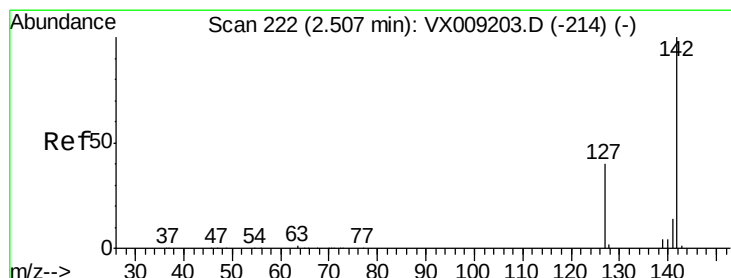
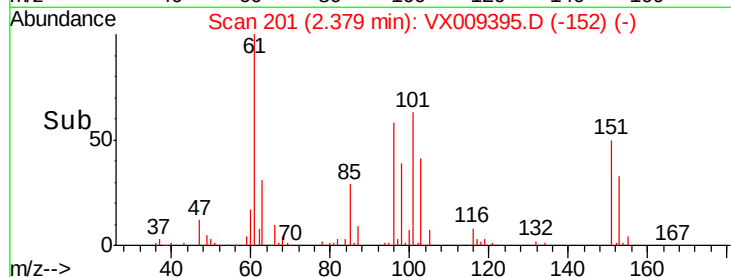
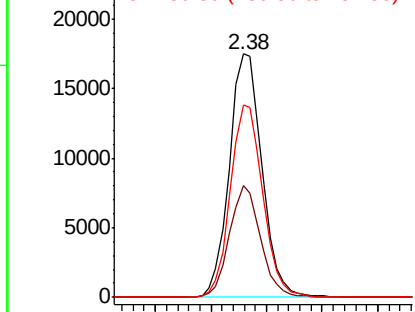
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.454 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

Tot Ion:101 Resp: 35530
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.7 53.5
 151 78.5 62.2 93.2

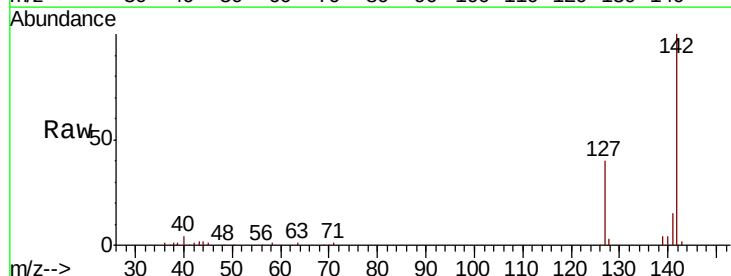


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

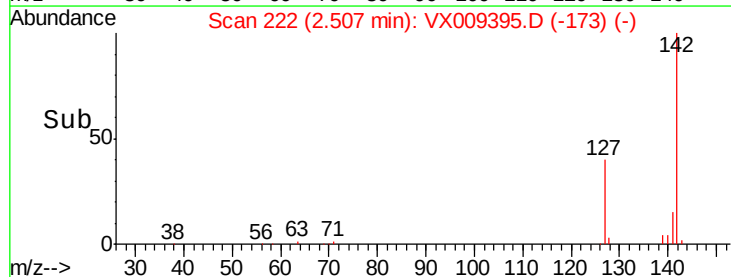
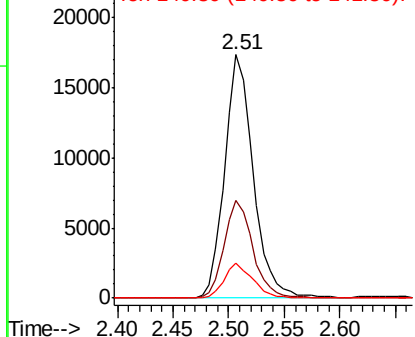


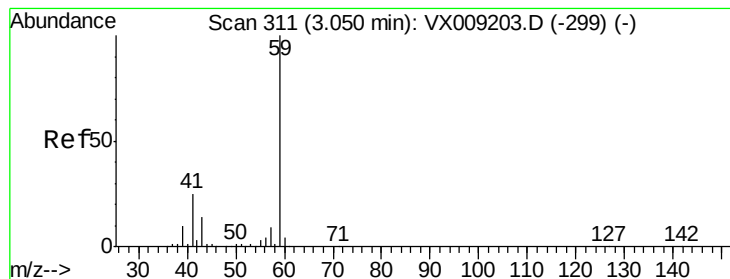
#10
 Methyl Iodide
 Concen: 19.206 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Tgt Ion:142 Resp: 30962
 Ion Ratio Lower Upper
 142 100
 127 40.2 32.7 49.1
 141 14.4 11.5 17.3



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



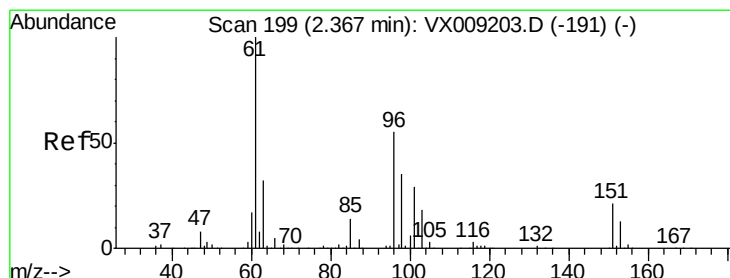
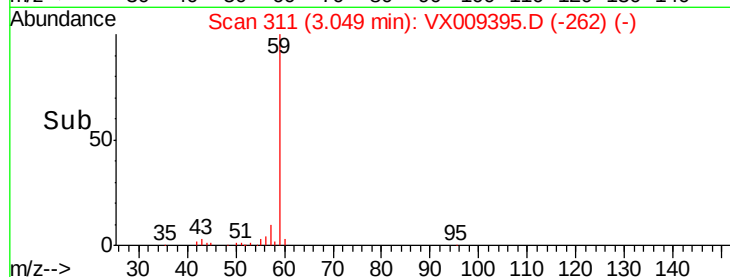
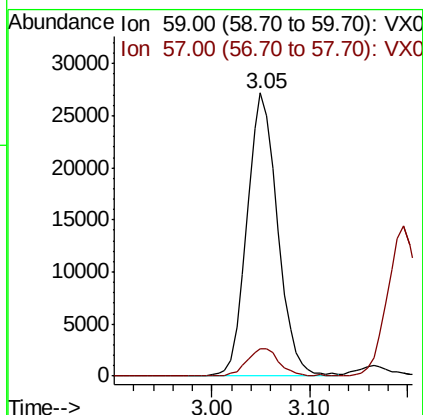
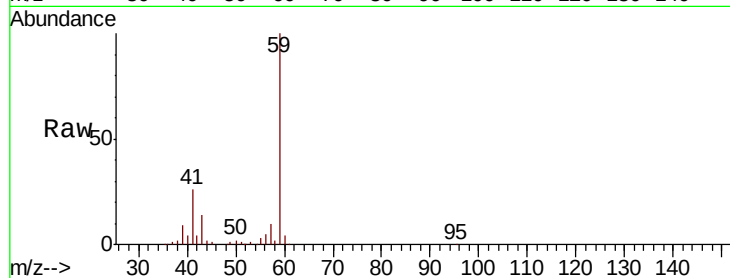


#11

Tert butyl alcohol
 Concen: 105.685 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

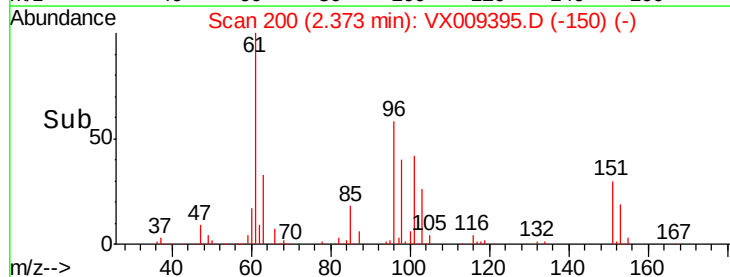
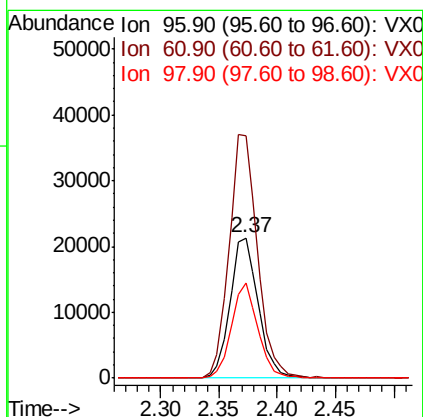
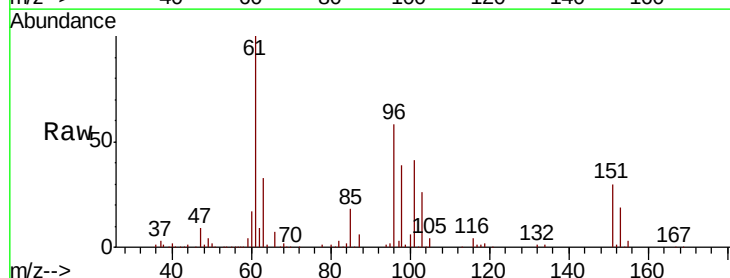
Tot Ion: 59 Resp: 59059
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

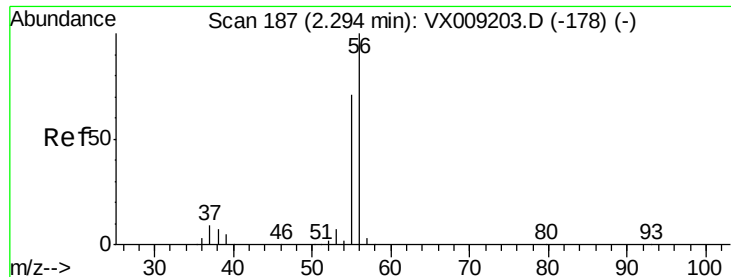


#12

1,1-Dichloroethene
 Concen: 21.628 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Tgt Ion: 96 Resp: 35888
 Ion Ratio Lower Upper
 96 100
 61 172.4 144.3 216.5
 98 68.1 50.3 75.5





#13

Acrolein

Concen: 96.816 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

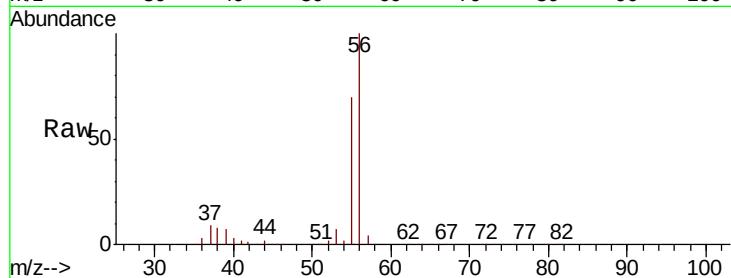
VX0508WBS02

Tot Ion: 56 Resp: 48997

Ion Ratio Lower Upper

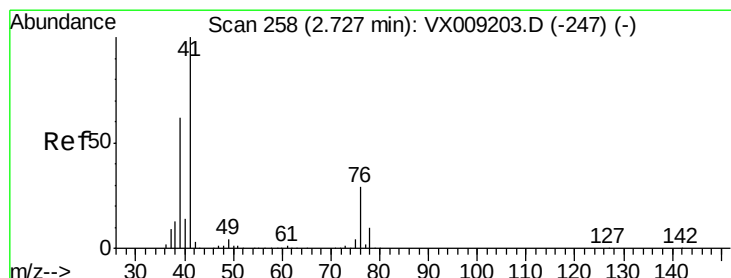
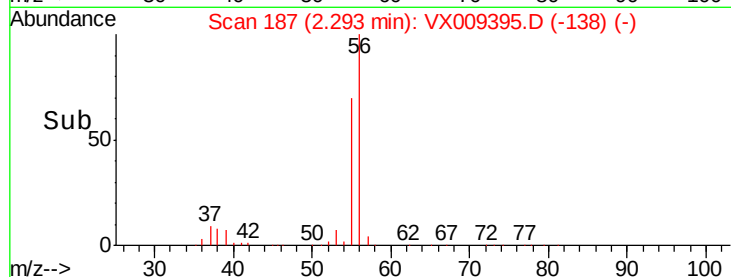
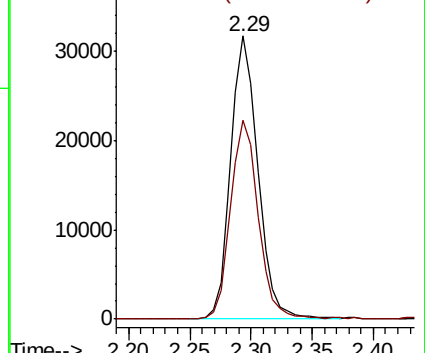
56 100

55 71.5 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.847 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

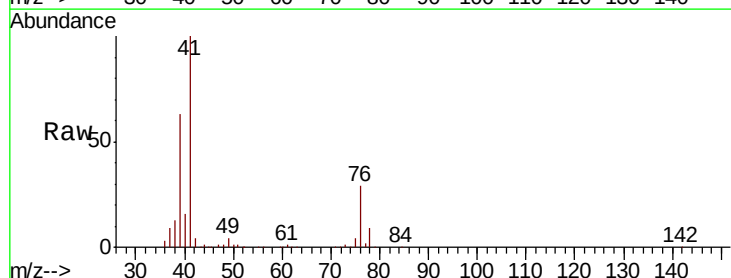
Tgt Ion: 41 Resp: 84301

Ion Ratio Lower Upper

41 100

39 59.4 46.7 70.1

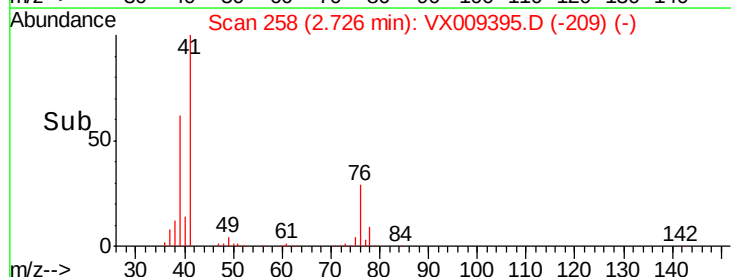
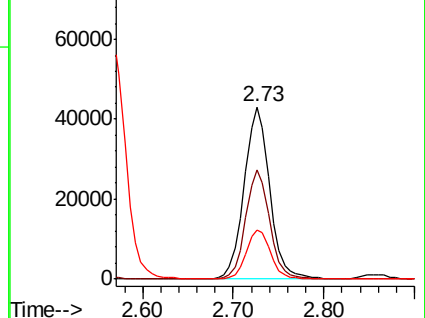
76 27.1 21.8 32.8

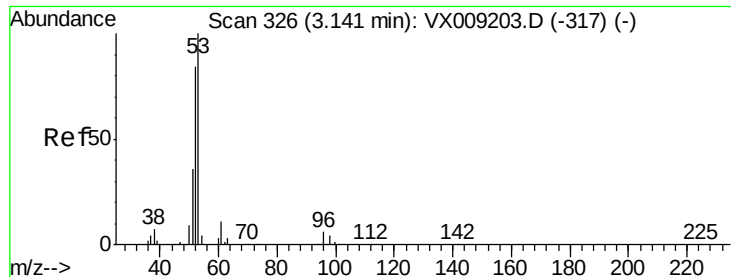


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 106.396 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

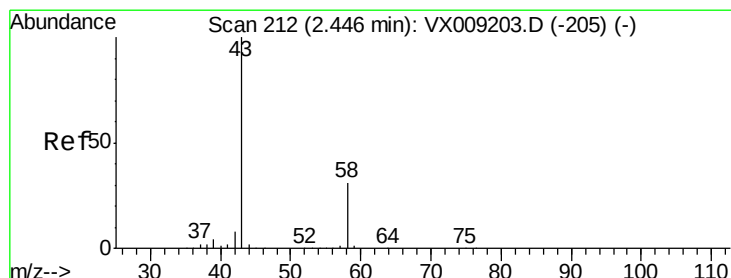
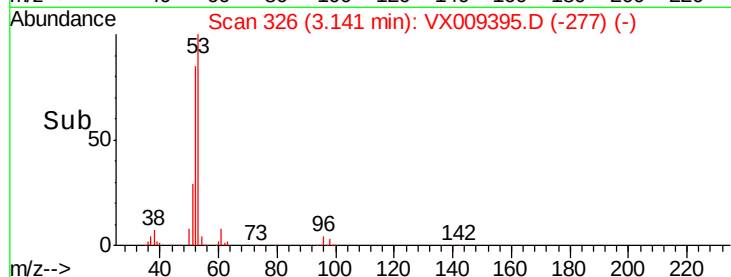
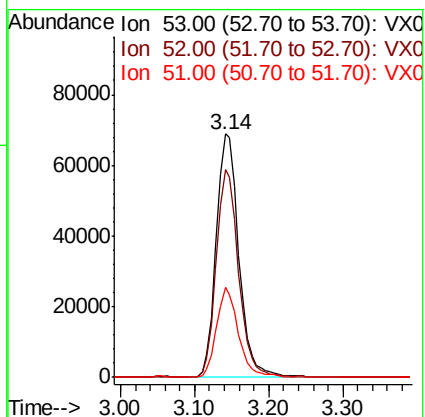
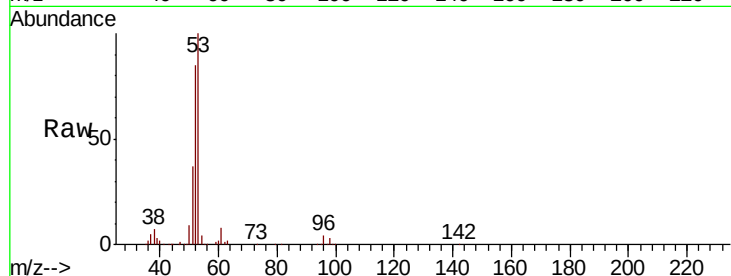
Tot Ion: 53 Resp: 145375

Ion Ratio Lower Upper

53 100

52 84.2 66.9 100.3

51 35.7 28.2 42.2



#16

Acetone

Concen: 113.618 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009395.D

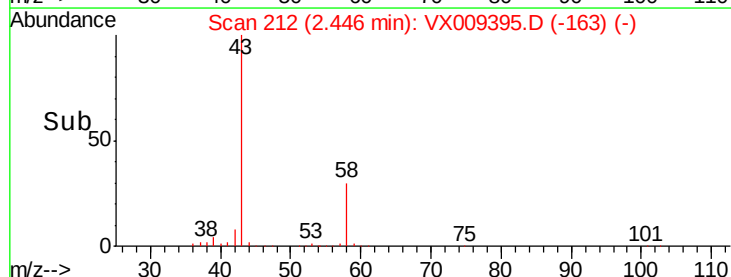
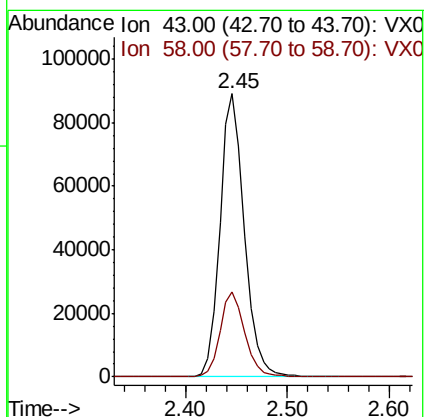
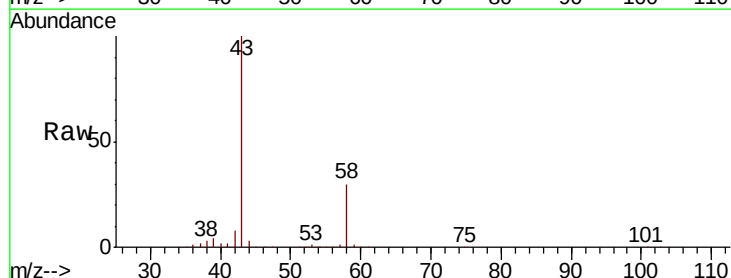
Acq: 08 May 2019 13:59

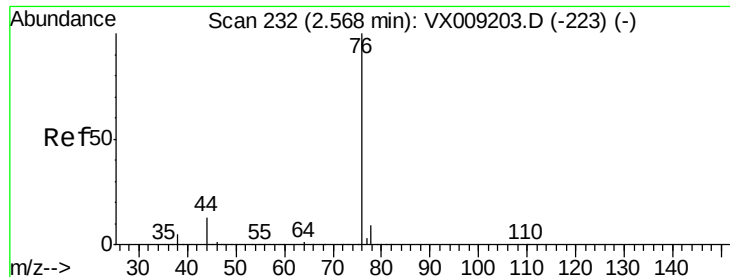
Tgt Ion: 43 Resp: 147284

Ion Ratio Lower Upper

43 100

58 30.2 24.9 37.3





#17

Carbon Disulfide

Concen: 22.369 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

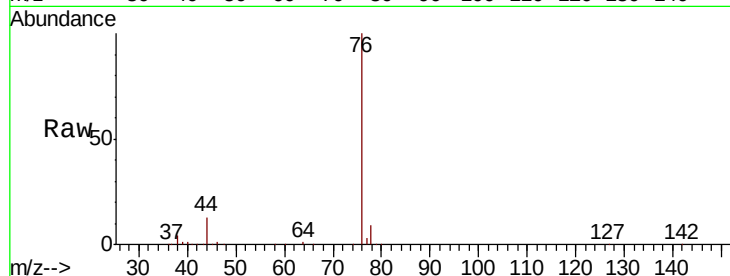
VX0508WBS02

Tot Ion: 76 Resp: 104212

Ion Ratio Lower Upper

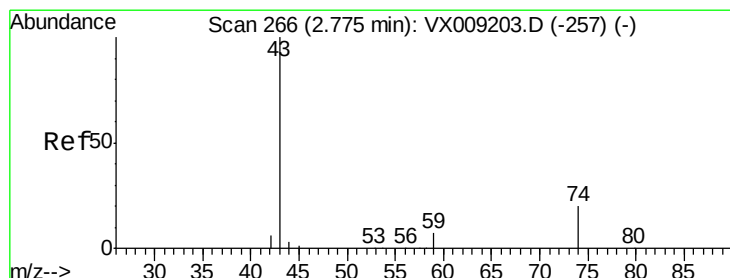
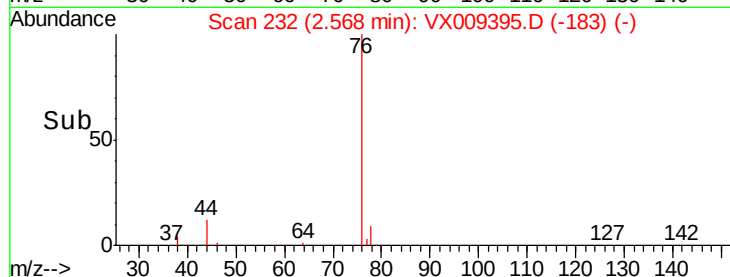
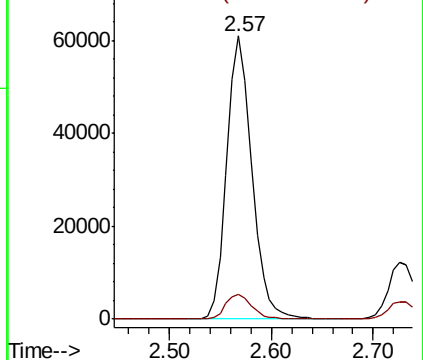
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.583 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009395.D

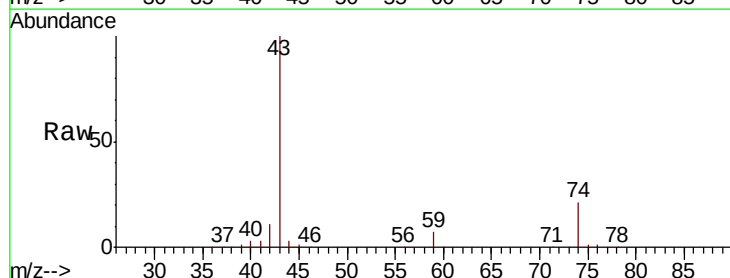
Acq: 08 May 2019 13:59

Tgt Ion: 43 Resp: 60372

Ion Ratio Lower Upper

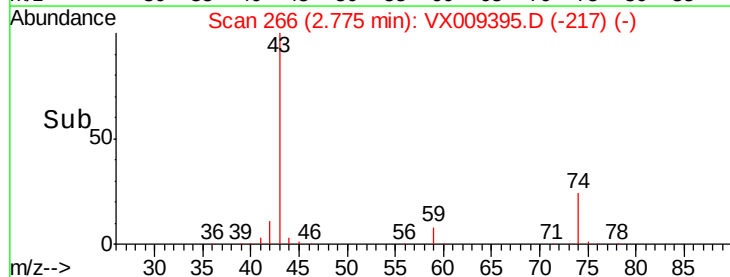
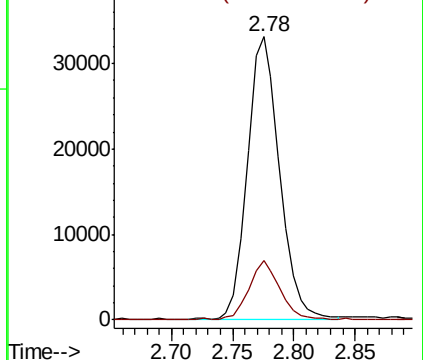
43 100

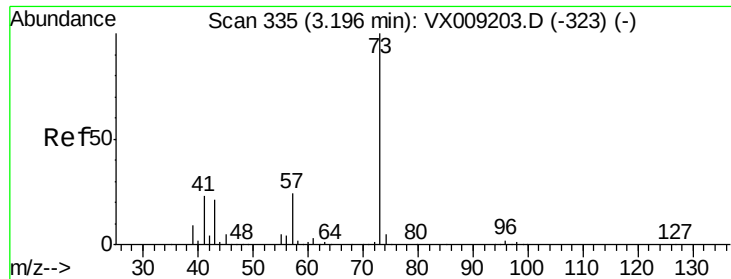
74 19.9 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



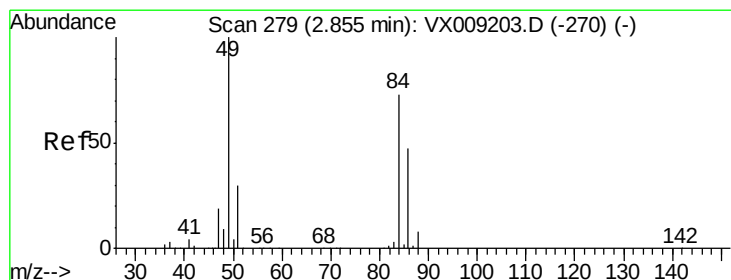
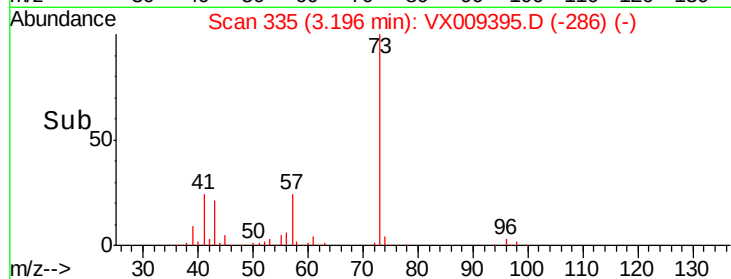
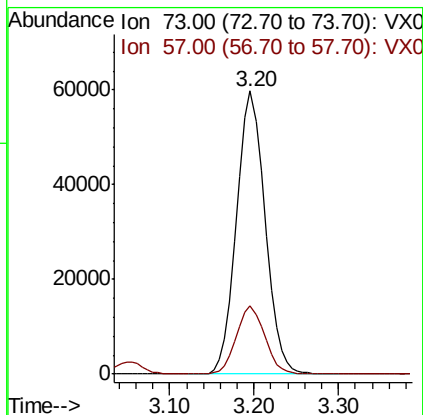
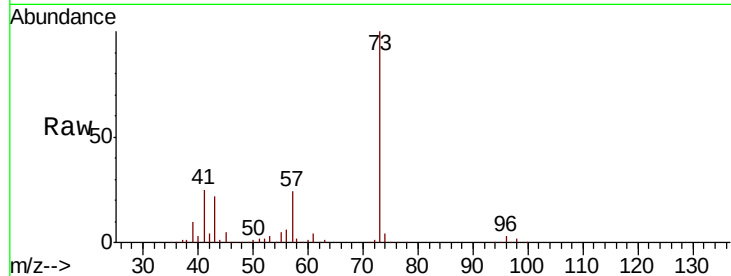


#19

Methyl tert-butyl Ether
 Concen: 21.274 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

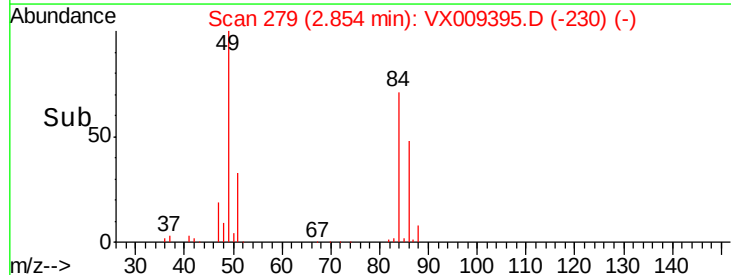
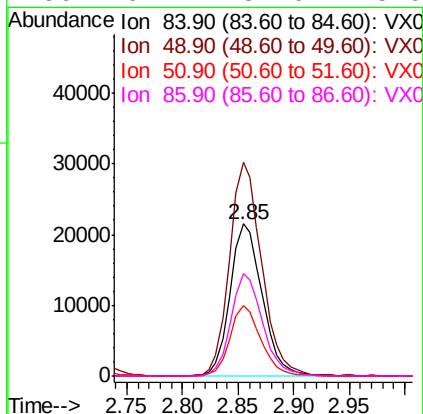
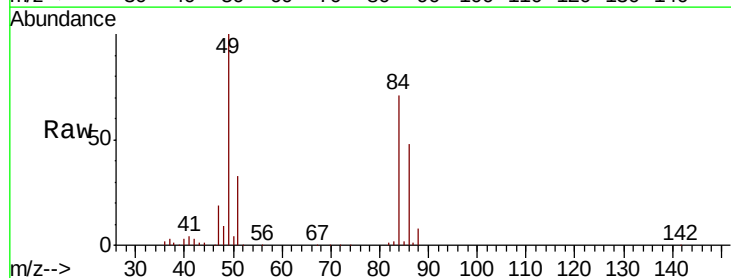
Tot Ion: 73 Resp: 137080
 Ion Ratio Lower Upper
 73 100
 57 24.1 19.3 28.9

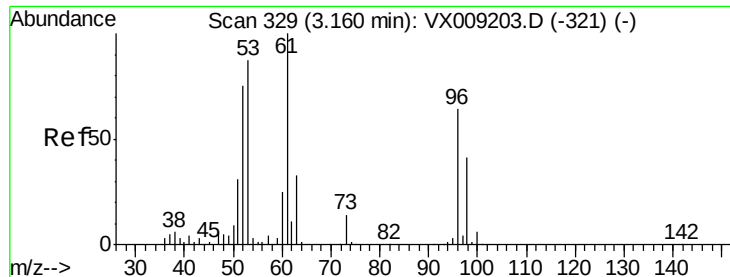


#20

Methylene Chloride
 Concen: 20.475 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Tgt Ion: 84 Resp: 42975
 Ion Ratio Lower Upper
 84 100
 49 140.6 109.9 164.9
 51 46.1 32.7 49.1
 86 67.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 21.224 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

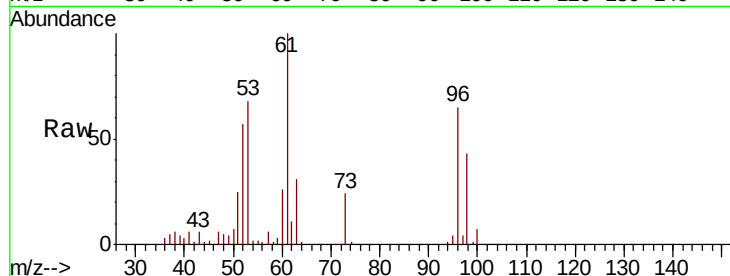
Tot Ion: 96 Resp: 38193

Ion Ratio Lower Upper

96 100

61 153.4 124.5 186.7

98 65.5 50.4 75.6

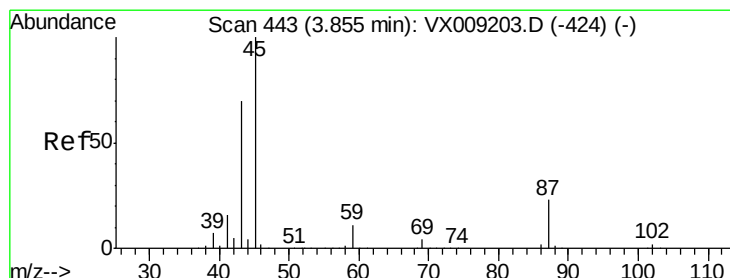
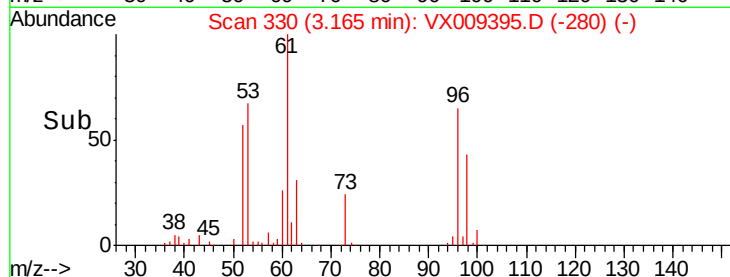
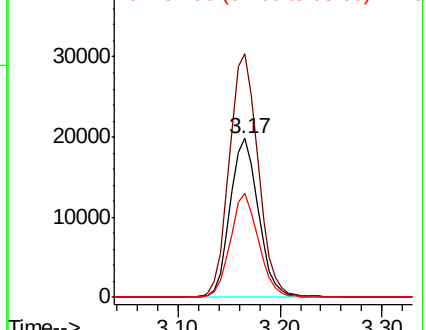


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.196 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Tgt Ion: 45 Resp: 164833

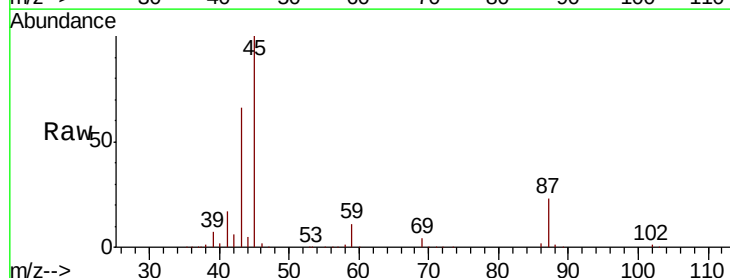
Ion Ratio Lower Upper

45 100

43 65.9 56.1 84.1

87 23.5 18.1 27.1

59 11.0 8.5 12.7



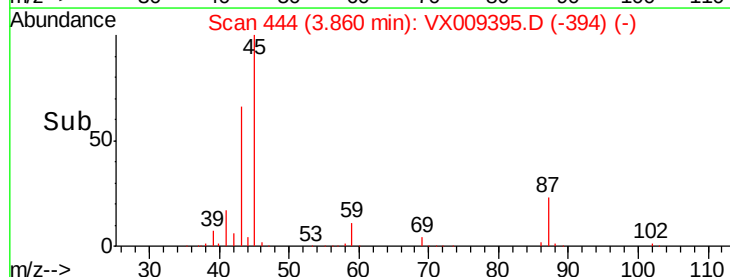
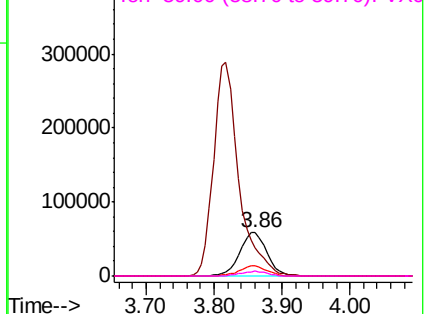
Abundance

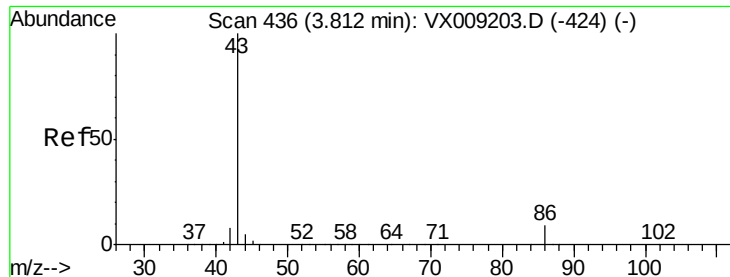
Ion 45.00 (44.70 to 45.70): VX0

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: 112.167 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

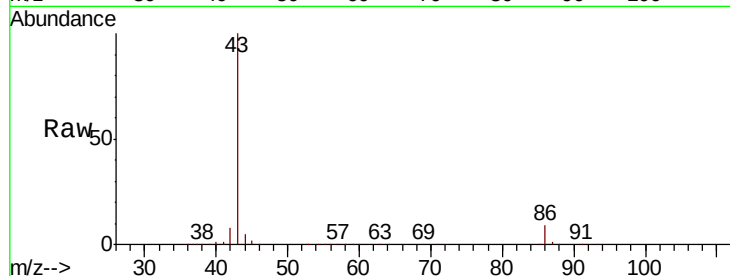
VX0508WBS02

Tot Ion: 43 Resp: 746946

Ion Ratio Lower Upper

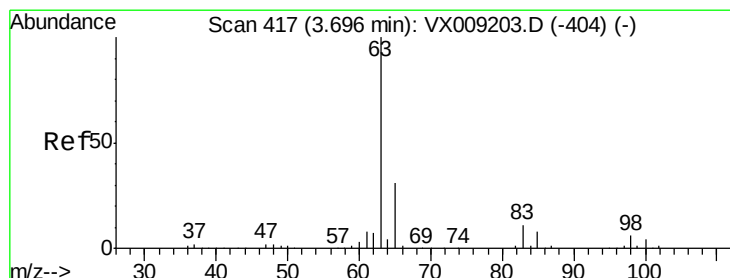
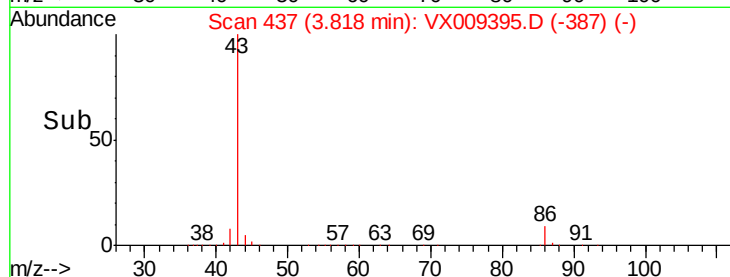
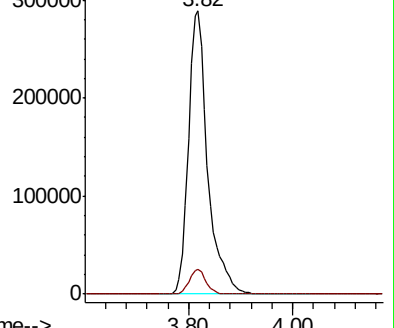
43 100

86 8.9 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.974 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

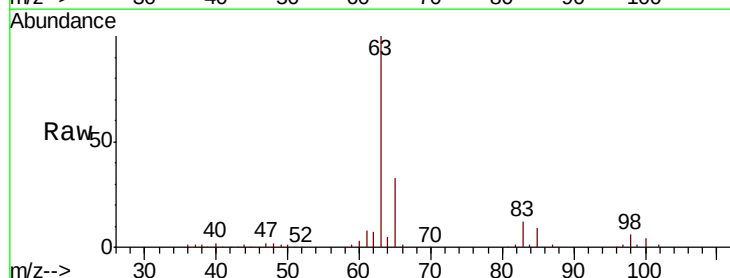
Tgt Ion: 63 Resp: 80465

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

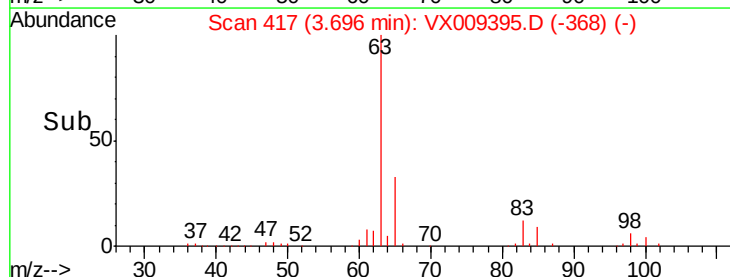
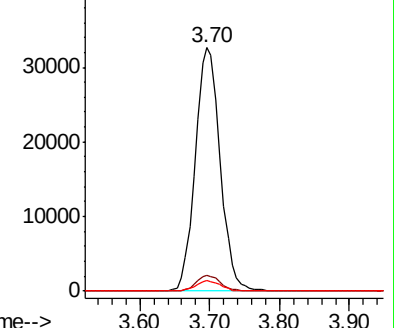
100 4.2 2.0 6.0

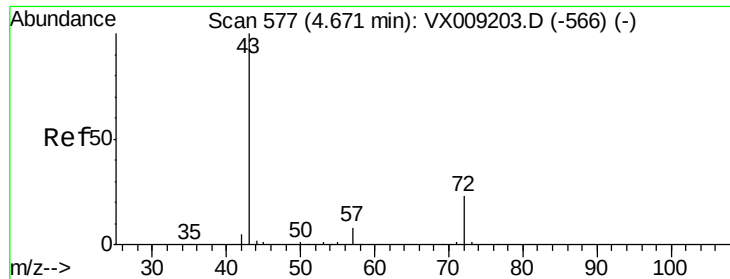


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 110.806 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

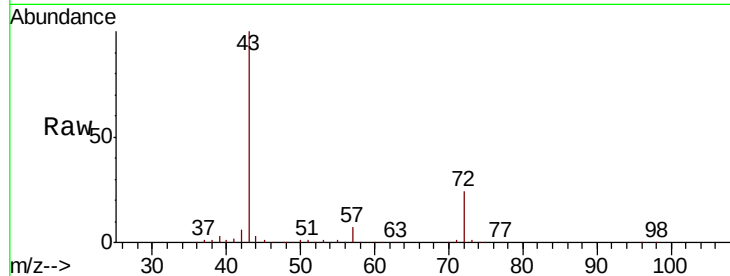
VX0508WBS02

Tot Ion: 43 Resp: 223211

Ion Ratio Lower Upper

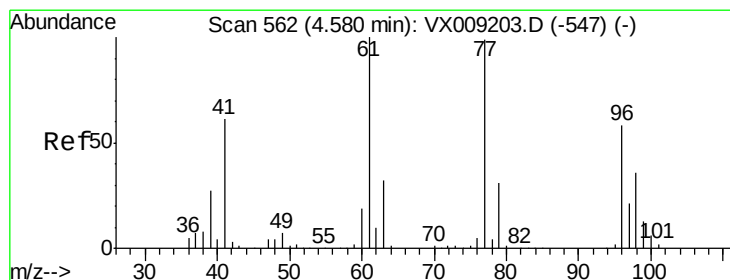
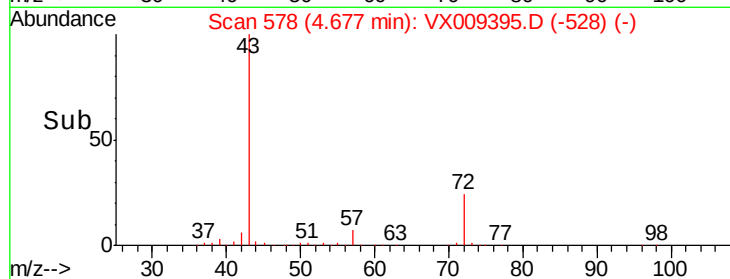
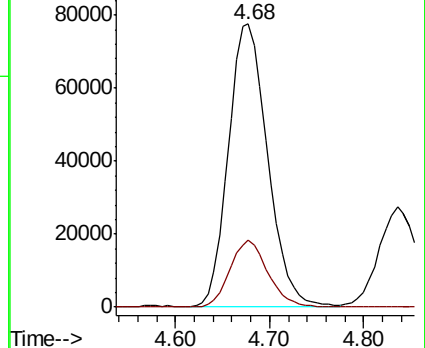
43 100

72 23.5 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 21.052 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009395.D

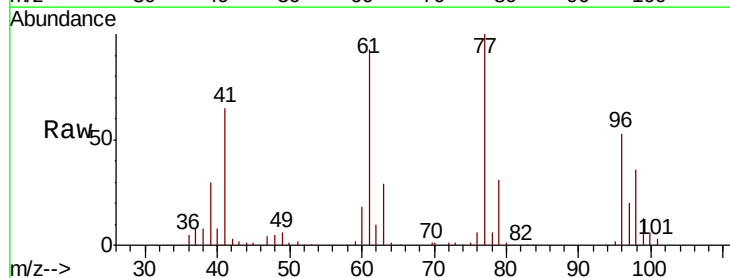
Acq: 08 May 2019 13:59

Tgt Ion: 77 Resp: 60114

Ion Ratio Lower Upper

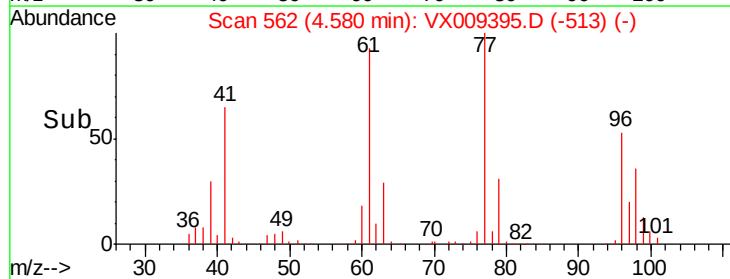
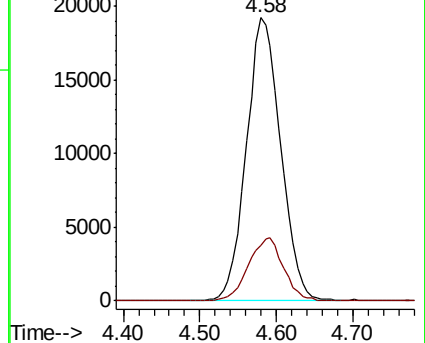
77 100

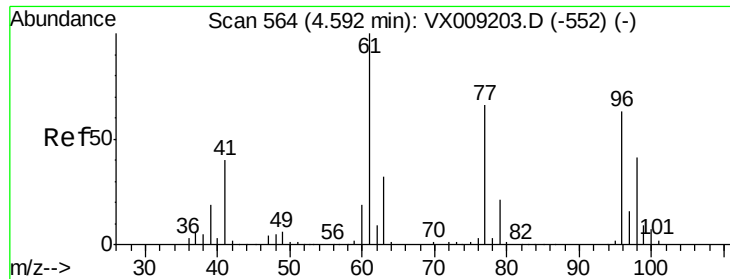
97 22.6 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



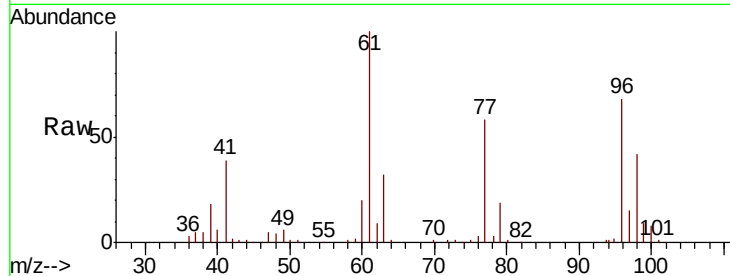


#27

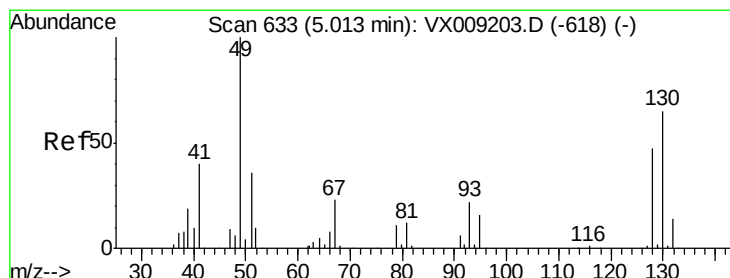
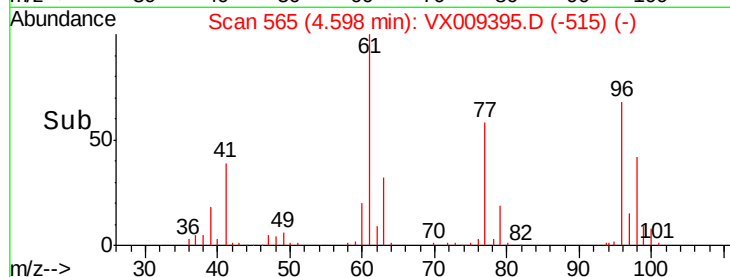
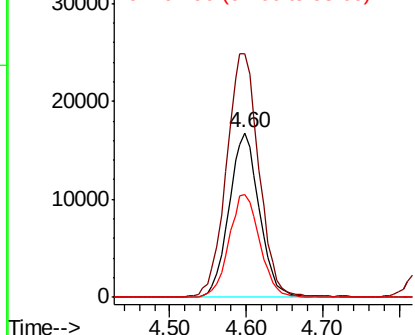
cis-1,2-Dichloroethene
 Concen: 21.427 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

Tot Ion: 96 Resp: 46025
 Ion Ratio Lower Upper
 96 100
 61 158.9 0.0 324.0
 98 63.5 0.0 130.4



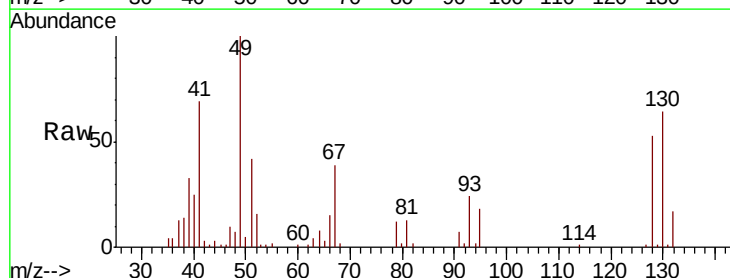
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



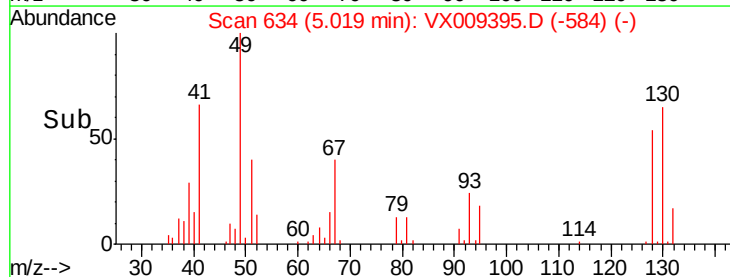
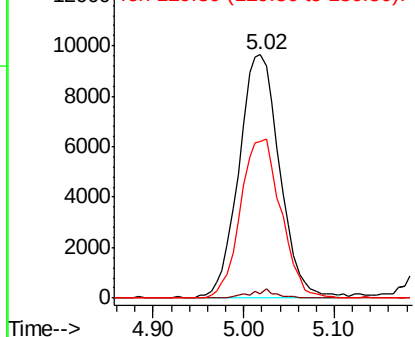
#28

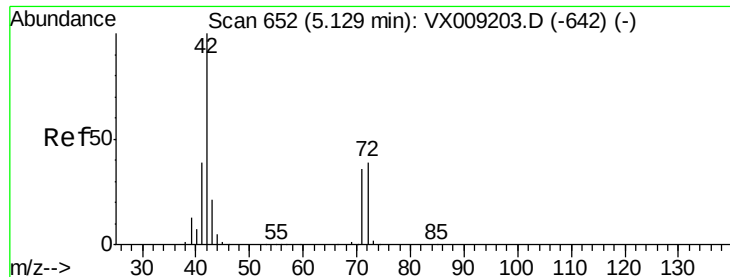
Bromochloromethane
 Concen: 17.680 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Tgt Ion: 49 Resp: 30039
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 64.9 51.2 76.8



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





#29

Tetrahydrofuran

Concen: 111.102 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

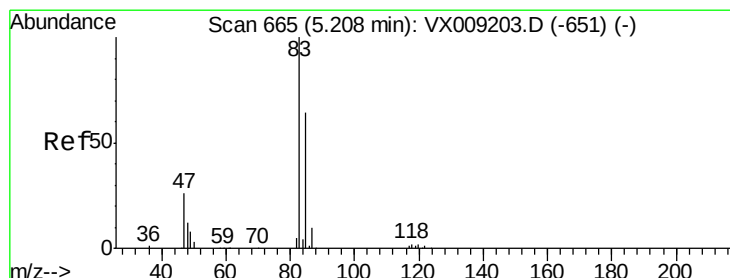
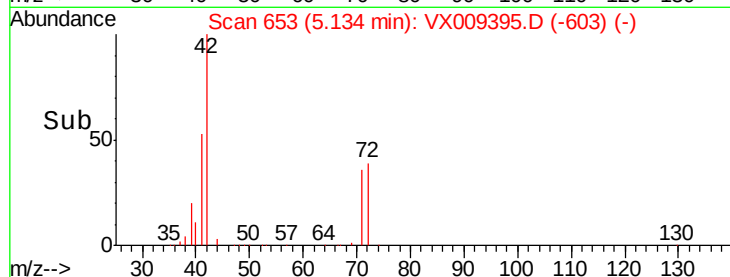
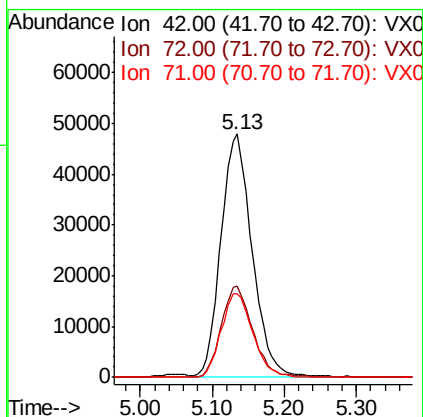
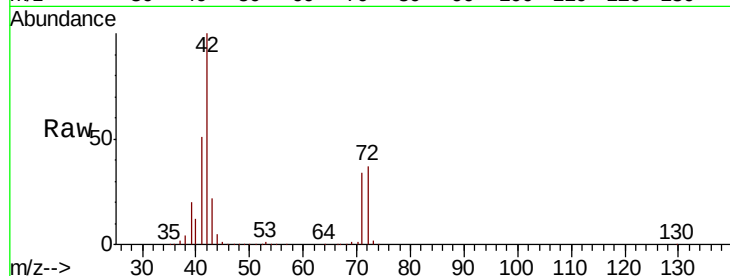
Tot Ion: 42 Resp: 144018

Ion Ratio Lower Upper

42 100

72 37.8 30.4 45.6

71 35.2 28.6 43.0



#30

Chloroform

Concen: 21.388 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009395.D

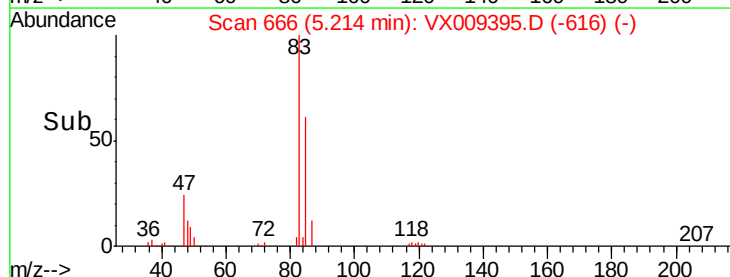
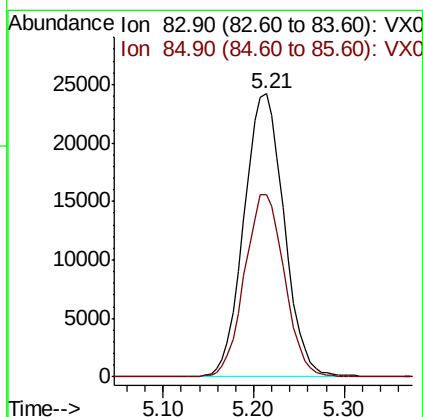
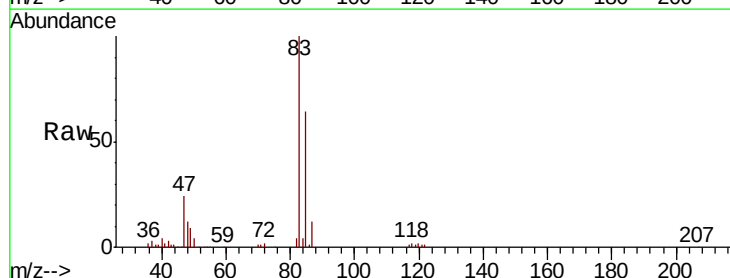
Acq: 08 May 2019 13:59

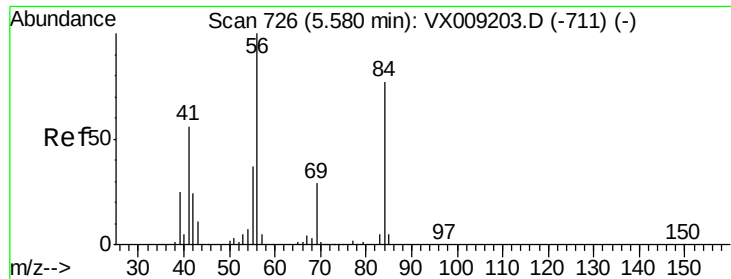
Tgt Ion: 83 Resp: 74211

Ion Ratio Lower Upper

83 100

85 64.2 51.5 77.3

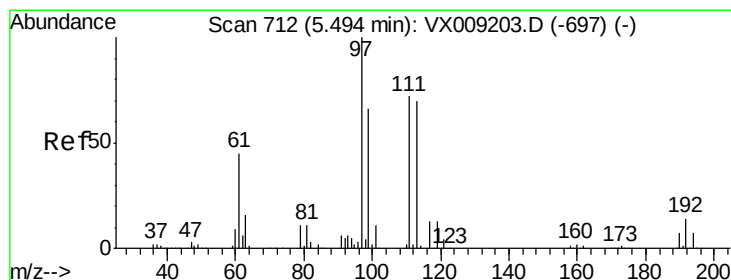
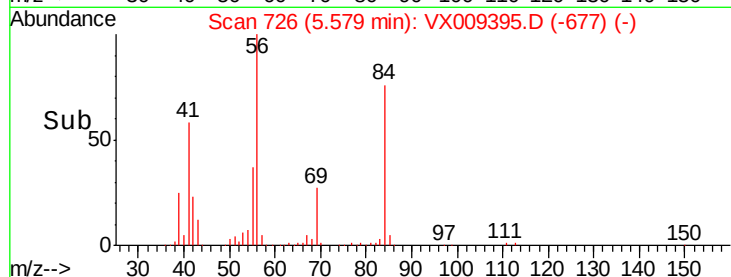
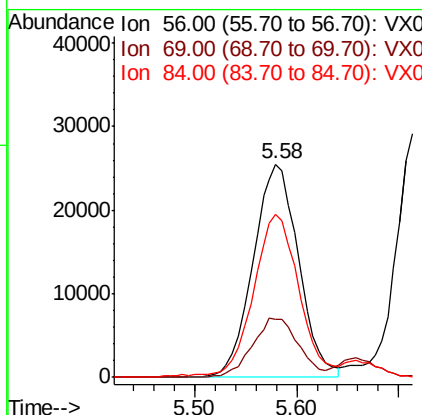
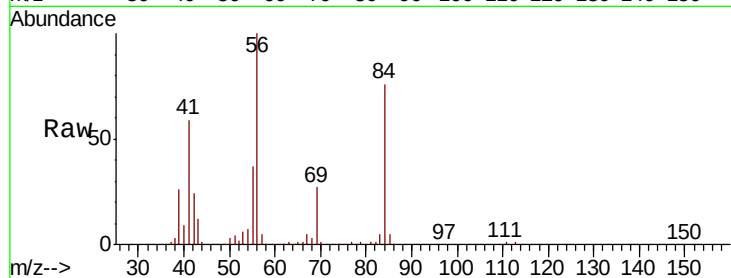




#31
Cyclohexane
Concen: 22.064 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

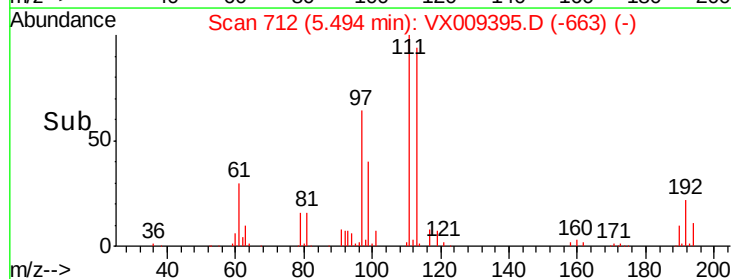
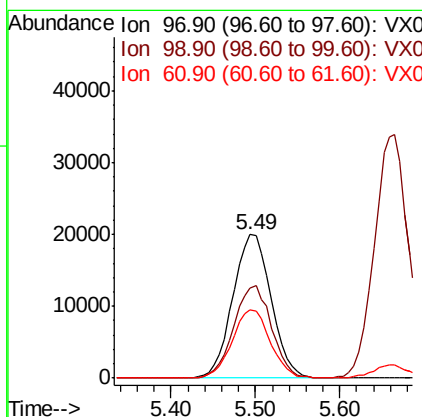
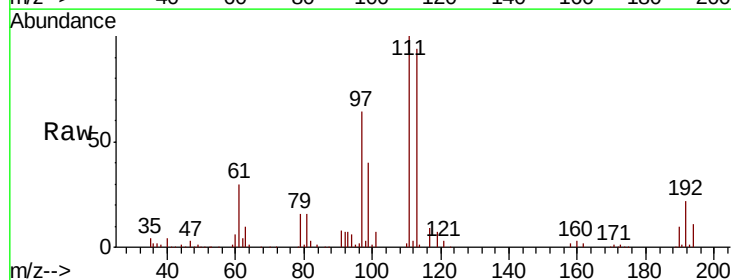
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

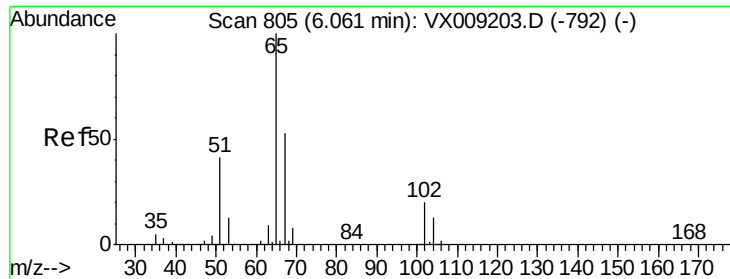
Tot Ion: 56 Resp: 78749
Ion Ratio Lower Upper
56 100
69 27.5 23.4 35.0
84 75.5 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 21.356 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

Tgt Ion: 97 Resp: 61683
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.8
61 47.2 37.8 56.8

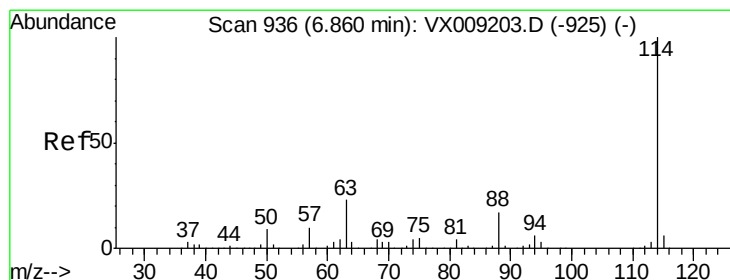
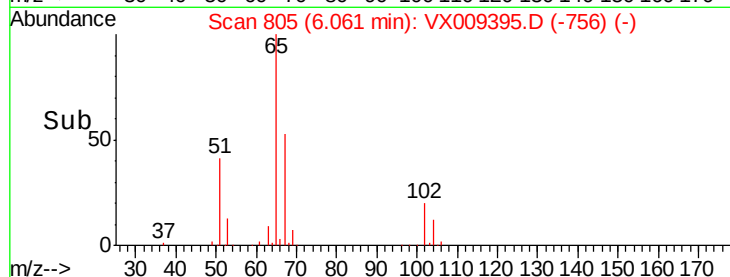
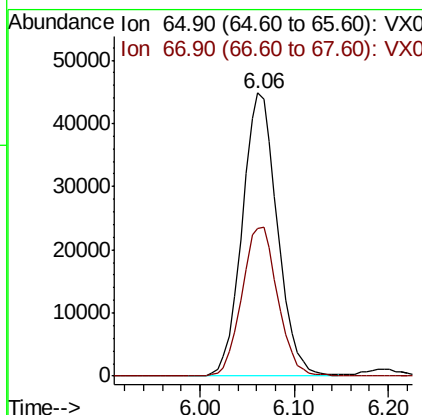
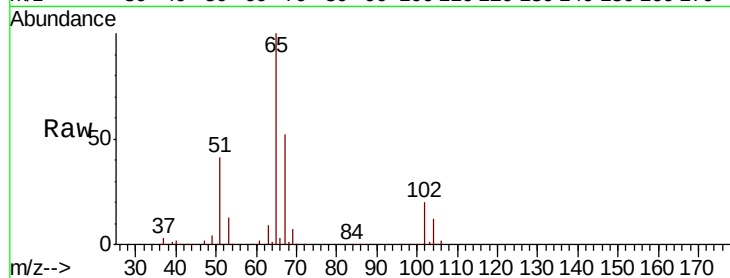




#33
 1,2-Dichloroethane-d4
 Concen: 48.417 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

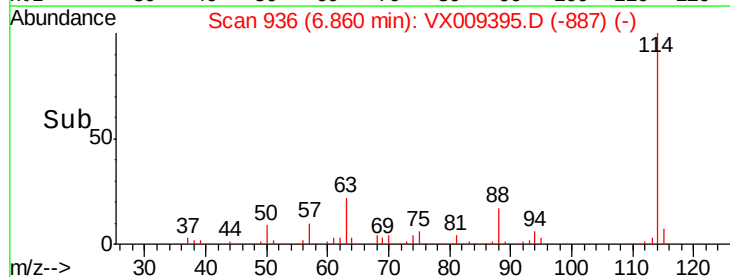
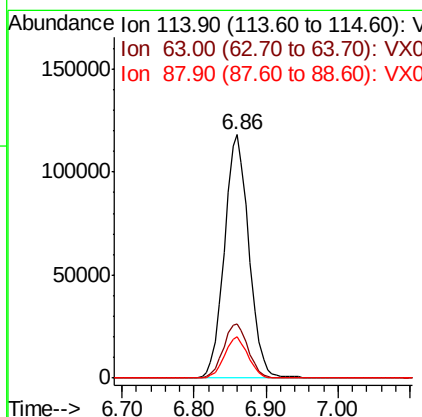
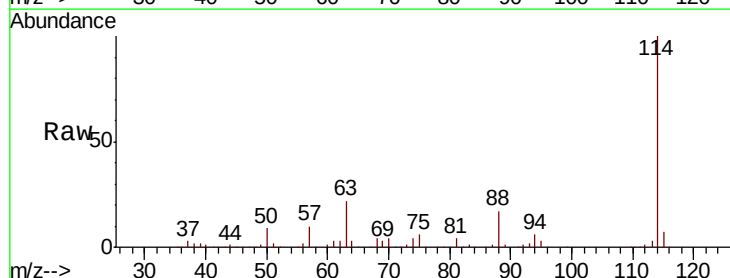
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

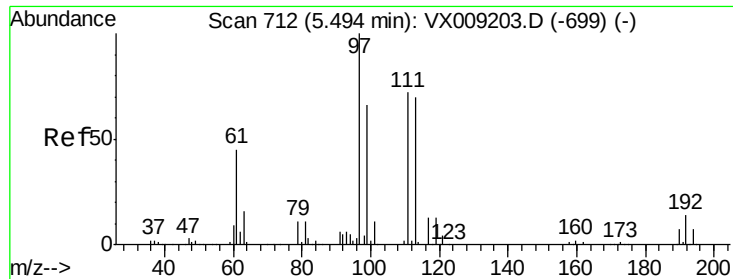
Tot Ion: 65 Resp: 116887
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Tgt Ion: 114 Resp: 279324
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.6
 88 16.8 0.0 33.2

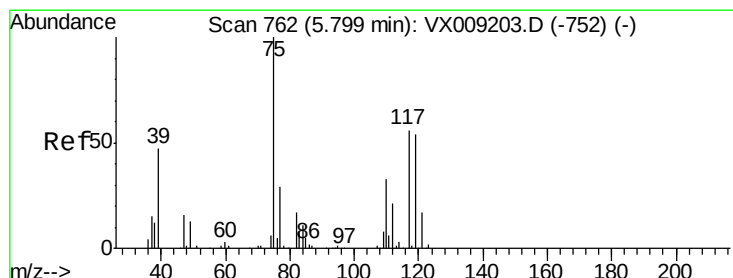
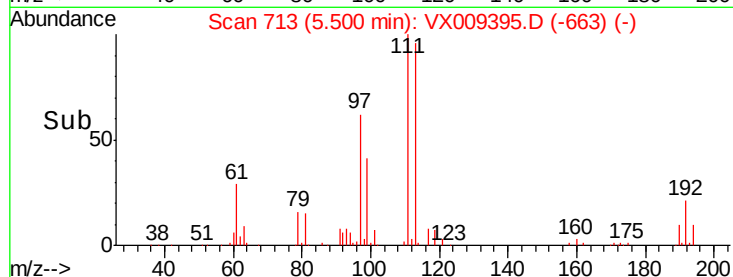
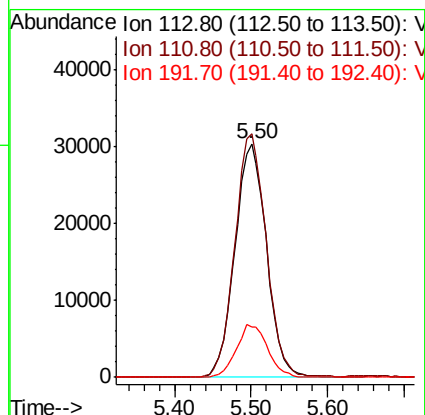
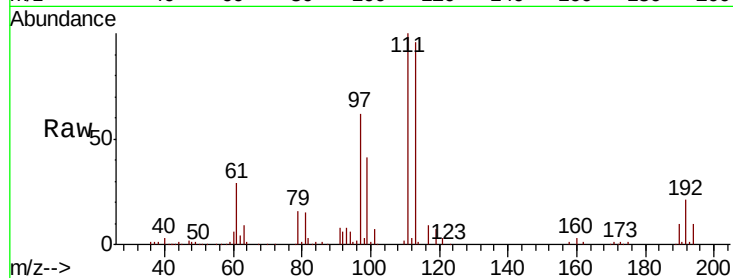




#35
 Dibromofluoromethane
 Concen: 49.622 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

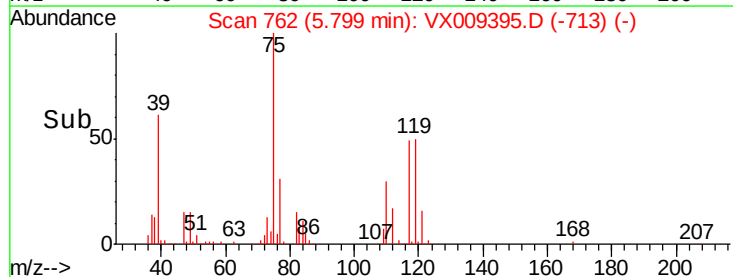
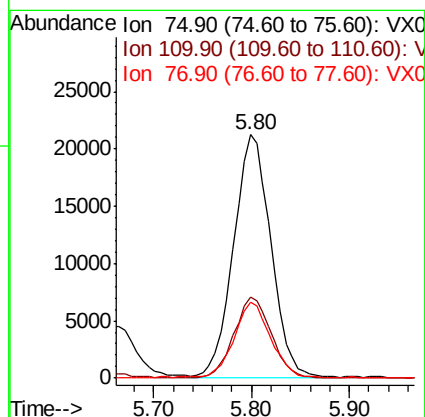
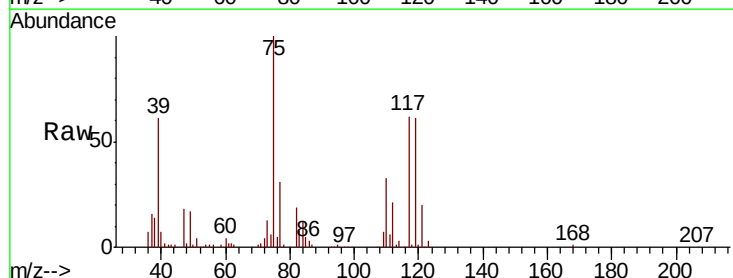
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

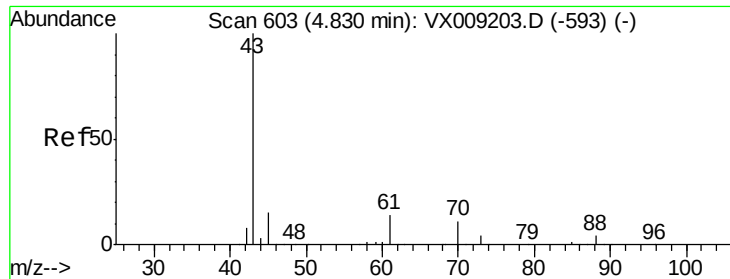
Tot Ion:113 Resp: 87133
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.8 124.2
 192 22.2 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 21.569 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Tgt Ion: 75 Resp: 55990
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.9 50.6
 77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 22.189 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

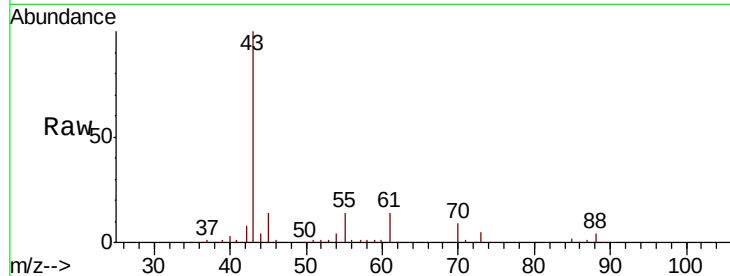
Tot Ion: 43 Resp: 80253

Ion Ratio Lower Upper

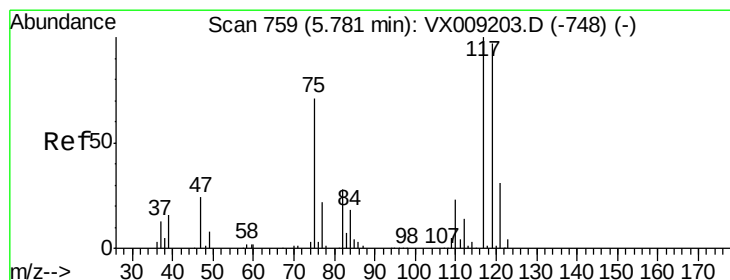
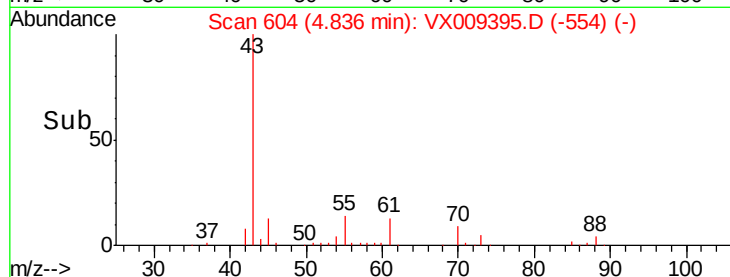
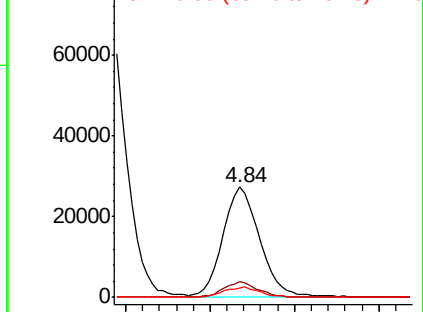
43 100

61 13.8 10.5 15.7

70 9.5 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 21.635 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

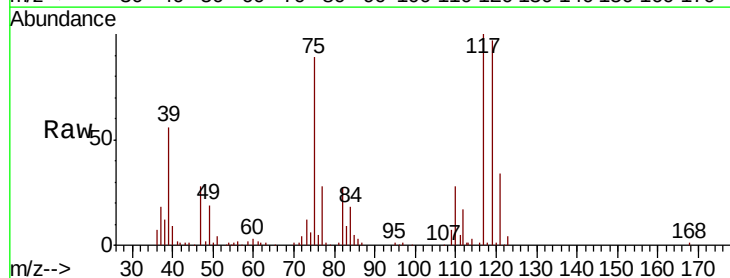
Tgt Ion: 117 Resp: 51026

Ion Ratio Lower Upper

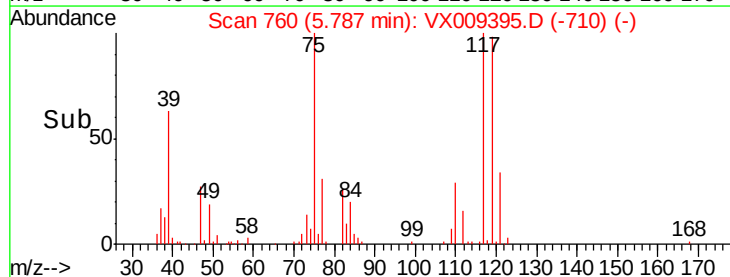
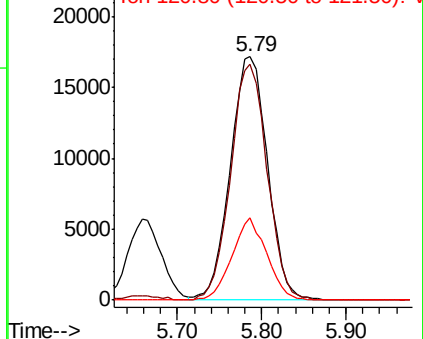
117 100

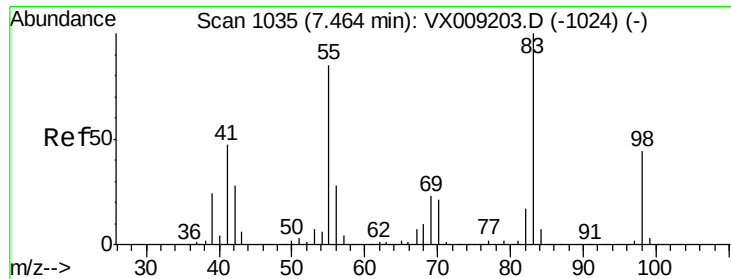
119 97.4 77.5 116.3

121 33.9 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

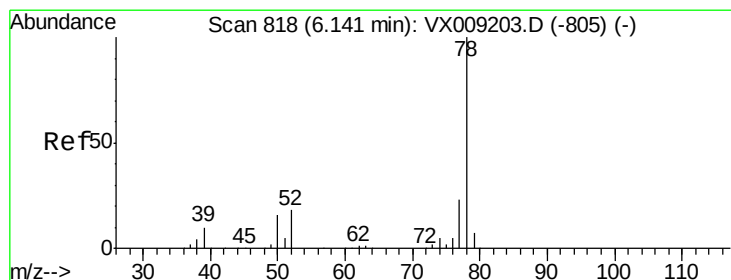
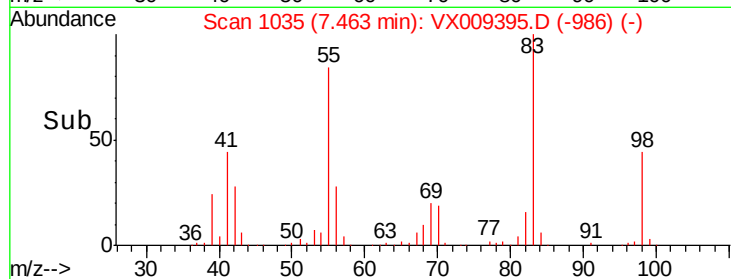
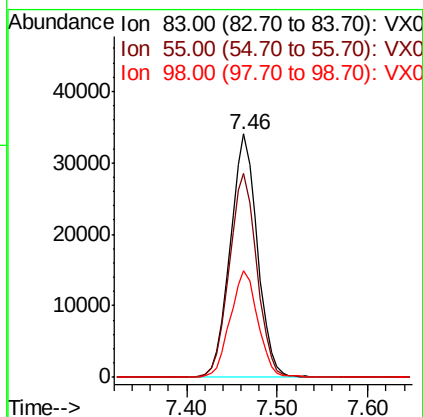
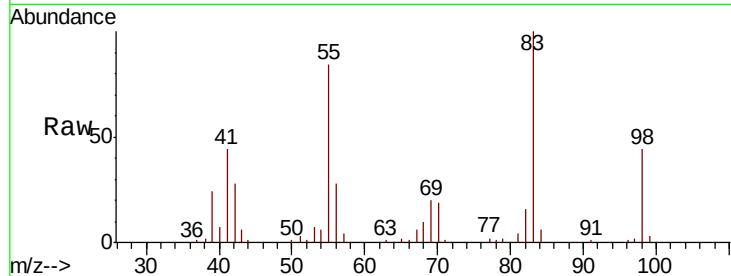




#39
Methylvlcyclohexane
Concen: 22.178 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

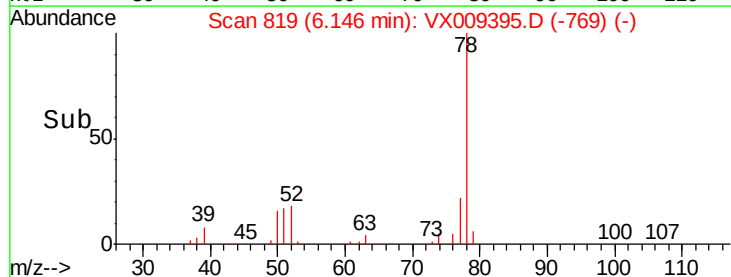
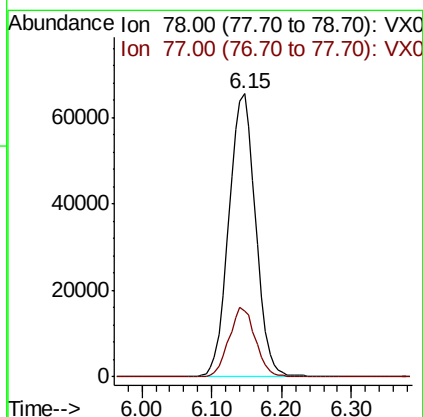
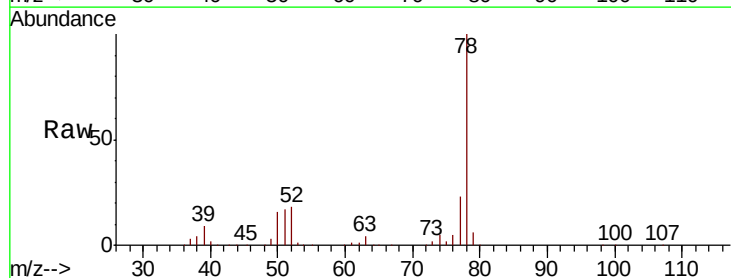
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

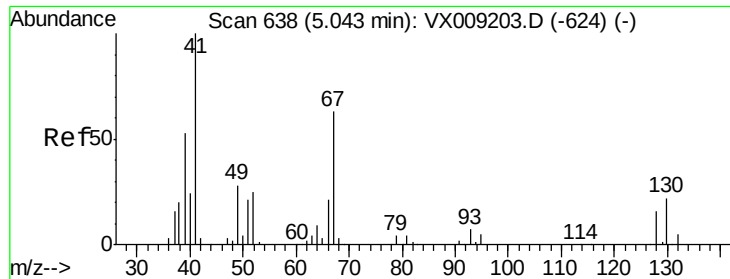
Tot Ion: 83 Resp: 70702
Ion Ratio Lower Upper
83 100
55 83.7 67.7 101.5
98 43.7 35.5 53.3



#40
Benzene
Concen: 21.739 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

Tgt Ion: 78 Resp: 174643
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2





#41

Methacrylonitrile

Concen: 21.102 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

Tot Ion: 41 Resp: 45431

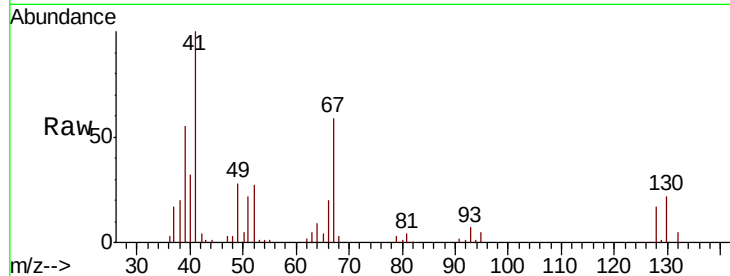
Ion Ratio Lower Upper

41 100

39 53.0 42.0 63.0

67 62.0 49.8 74.8

52 27.2 20.3 30.5

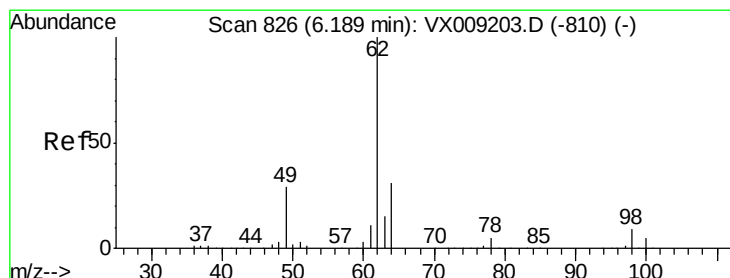
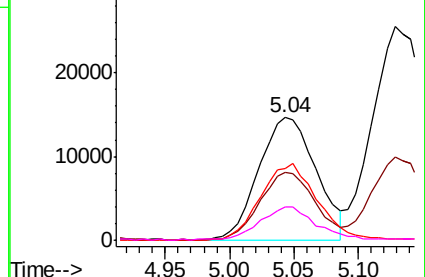
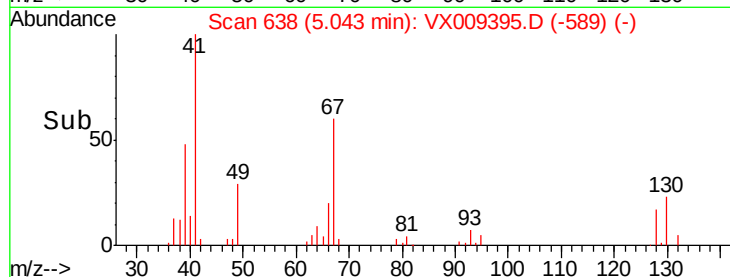


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.972 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009395.D

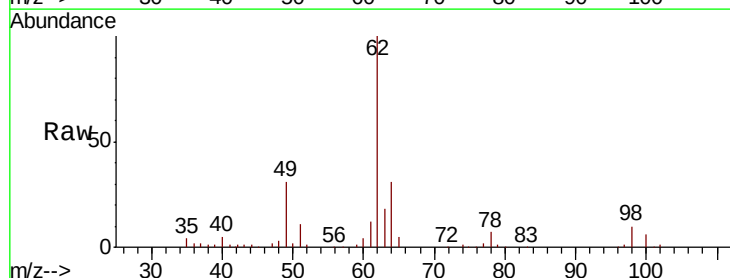
Acq: 08 May 2019 13:59

Tgt Ion: 62 Resp: 63318

Ion Ratio Lower Upper

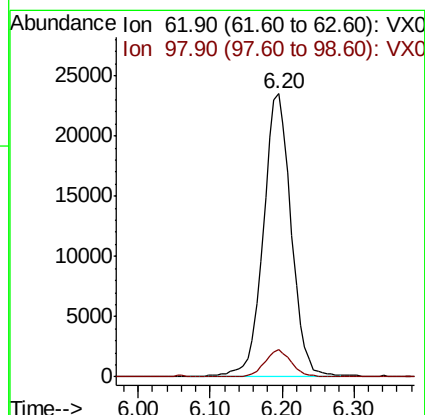
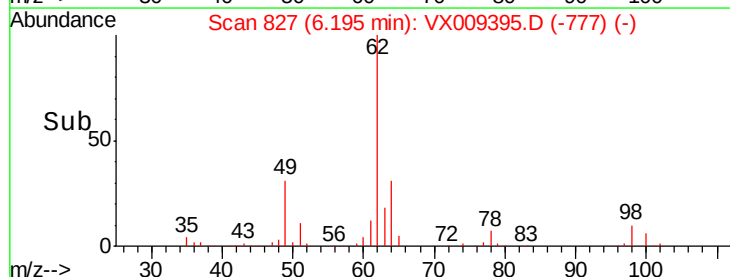
62 100

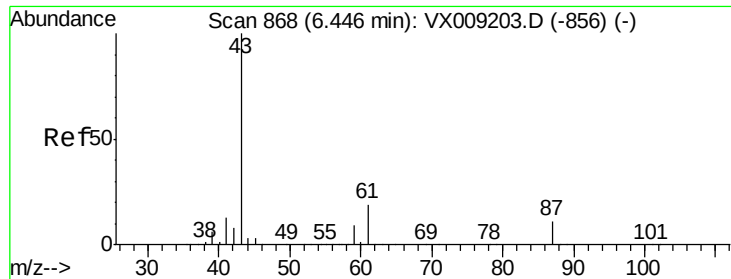
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.603 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

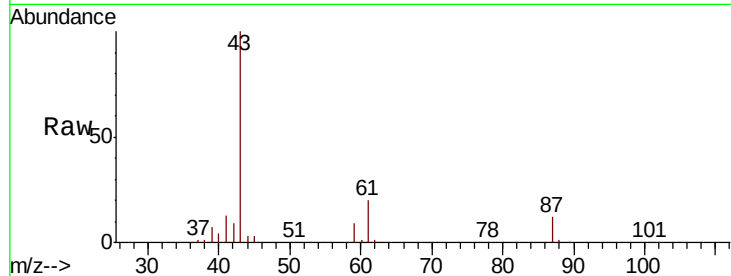
Tot Ion: 43 Resp: 124977

Ion Ratio Lower Upper

43 100

61 19.3 15.1 22.7

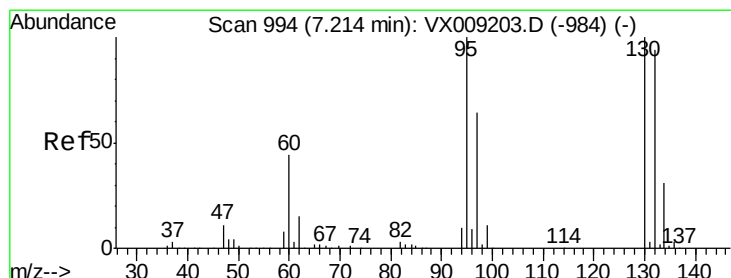
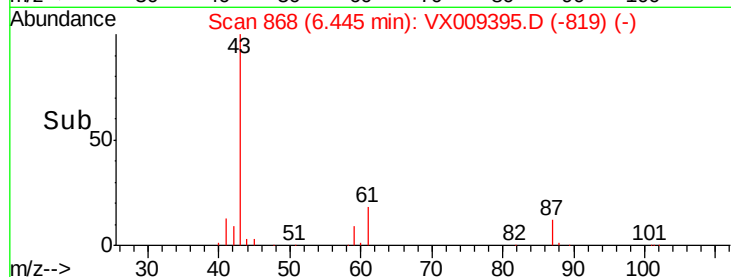
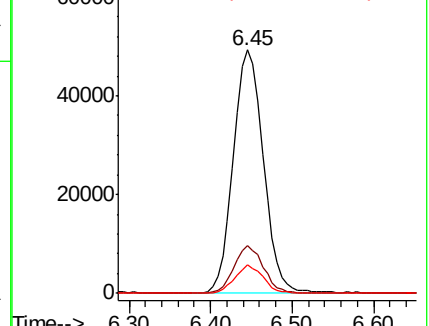
87 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 21.831 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009395.D

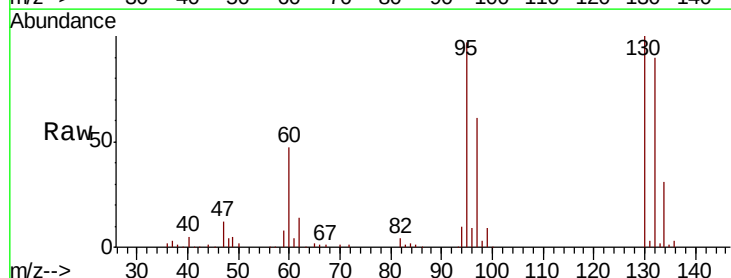
Acq: 08 May 2019 13:59

Tgt Ion:130 Resp: 42398

Ion Ratio Lower Upper

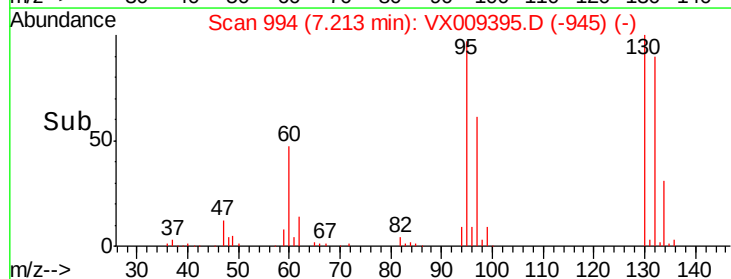
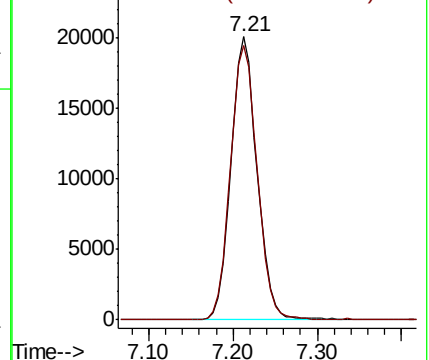
130 100

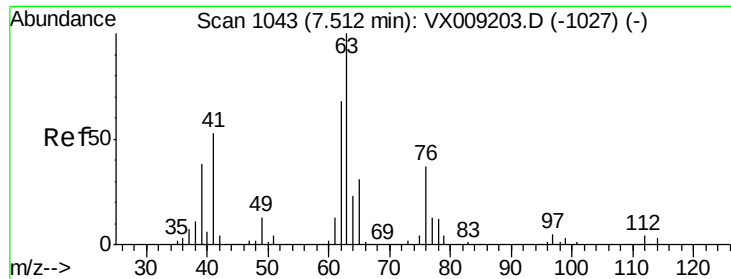
95 96.8 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

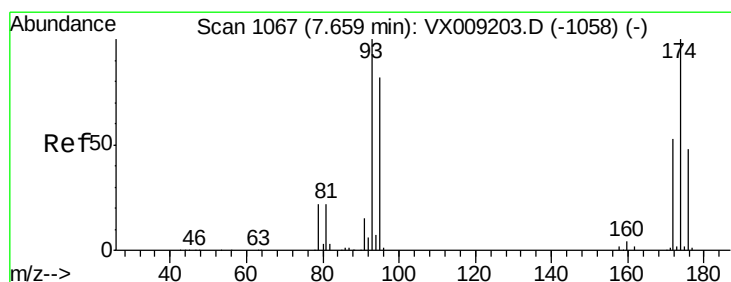
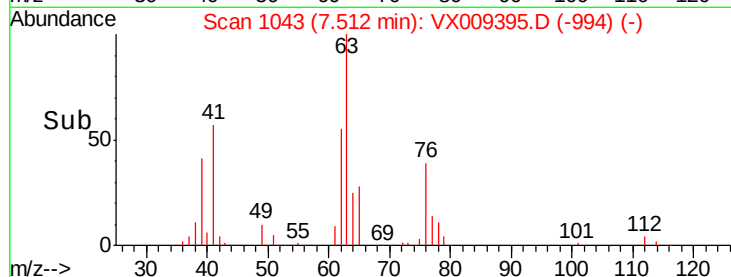
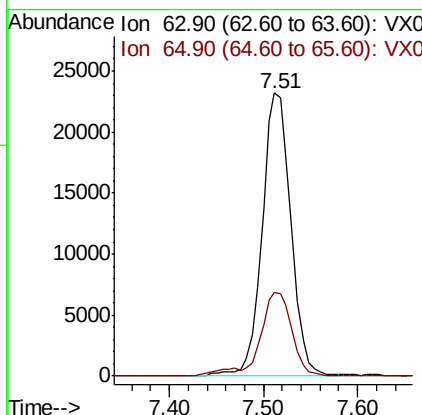
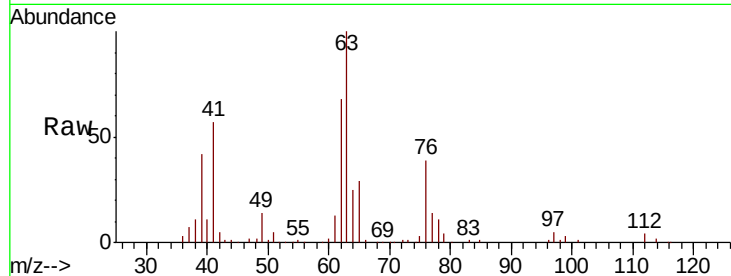




#45
 1,2-Dichloropropane
 Concen: 21.881 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

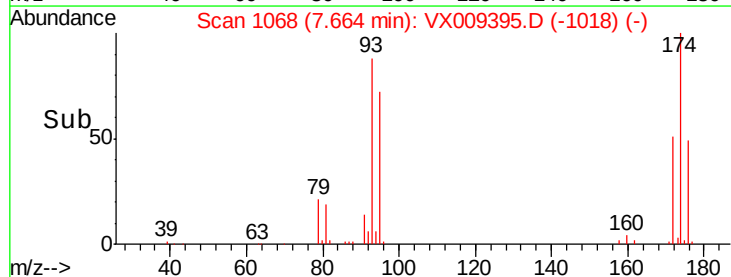
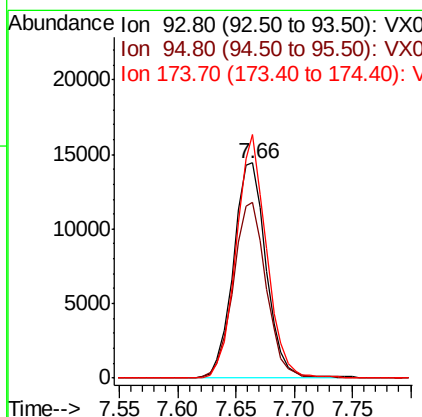
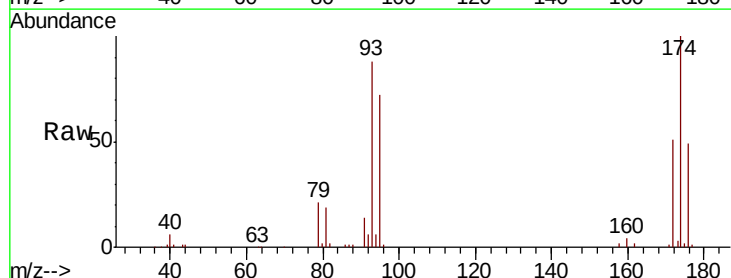
Instrument :
 MSVOA_X
 ClientSampled :
 VX0508WBS02

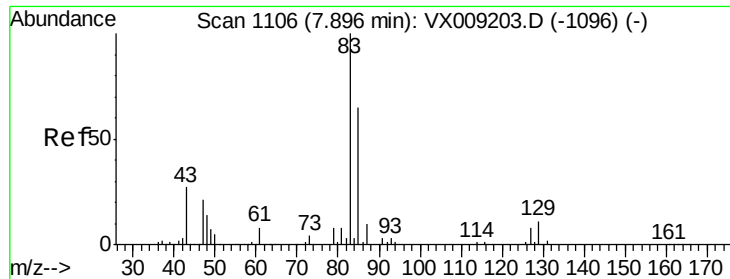
Tot Ion: 63 Resp: 49774
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.0 37.6



#46
 Dibromomethane
 Concen: 21.389 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Tgt Ion: 93 Resp: 28254
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.5 99.7
 174 104.8 82.1 123.1





#47

Bromodichloromethane

Concen: 21.061 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

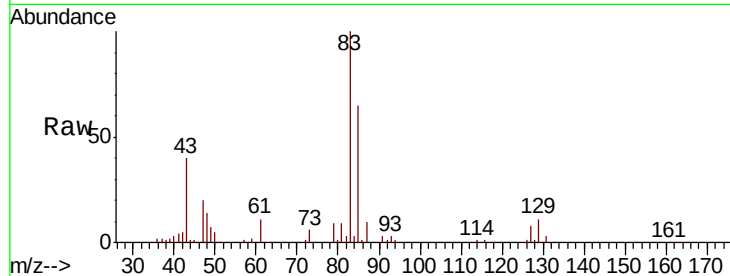
Tot Ion: 83 Resp: 55495

Ion Ratio Lower Upper

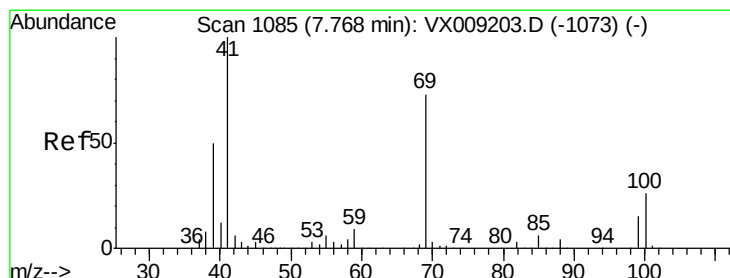
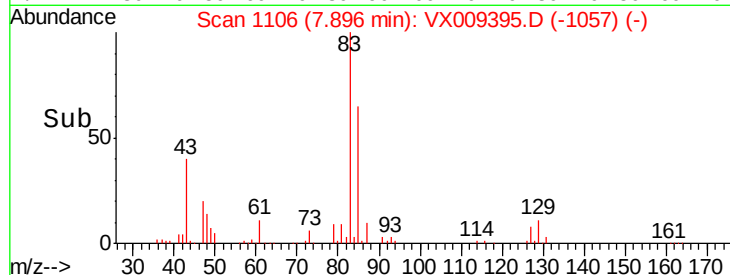
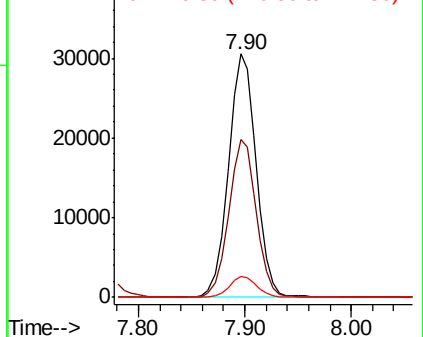
83 100

85 65.0 52.4 78.6

127 8.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.994 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

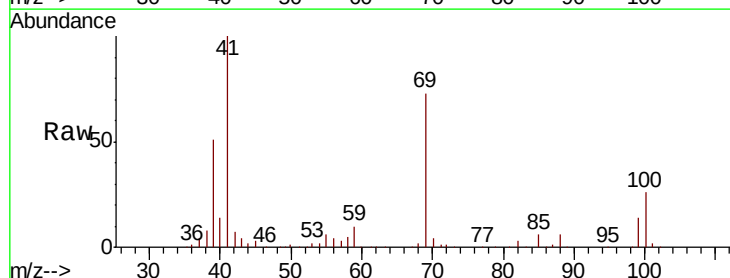
Tgt Ion: 41 Resp: 63126

Ion Ratio Lower Upper

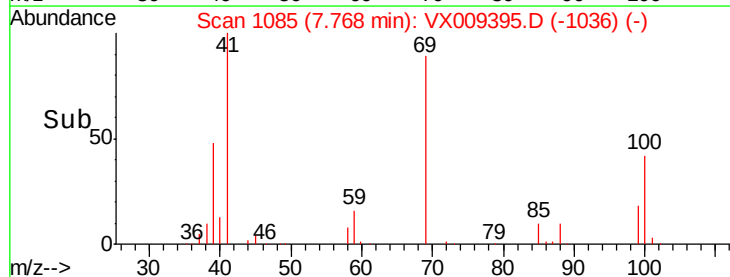
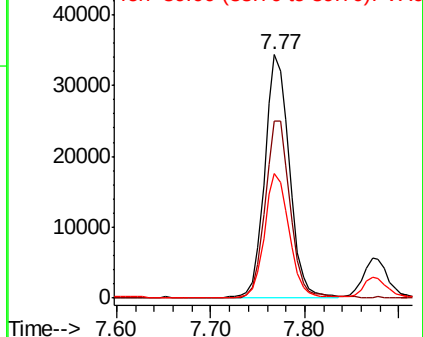
41 100

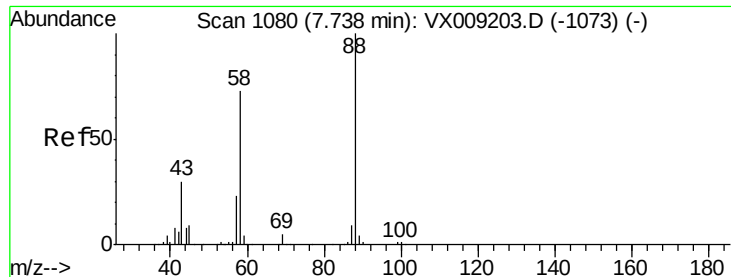
69 74.5 59.1 88.7

39 51.4 40.4 60.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

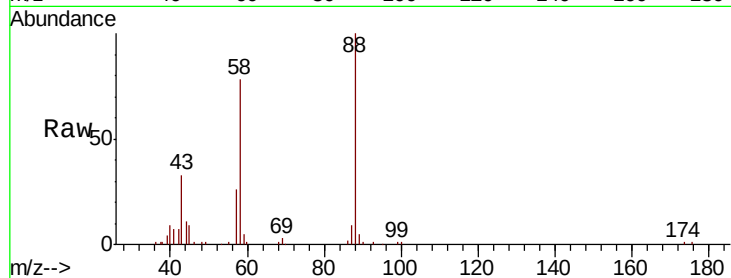




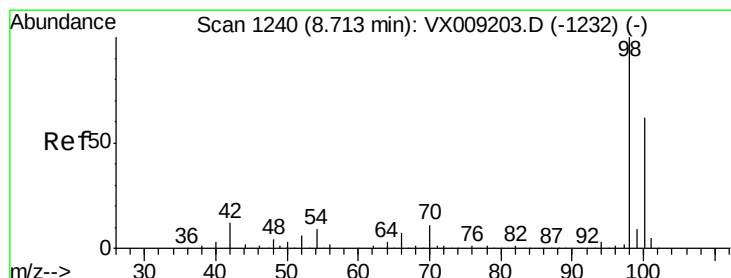
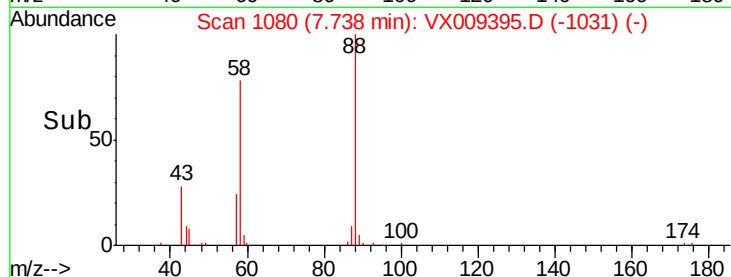
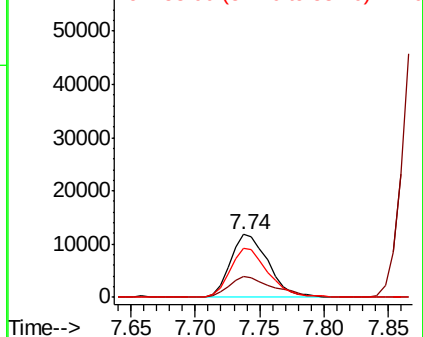
#49
1,4-Dioxane
Concen: 415.524 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

Tot Ion: 88 Resp: 24186
Ion Ratio Lower Upper
88 100
43 36.9 28.6 42.8
58 79.3 61.7 92.5

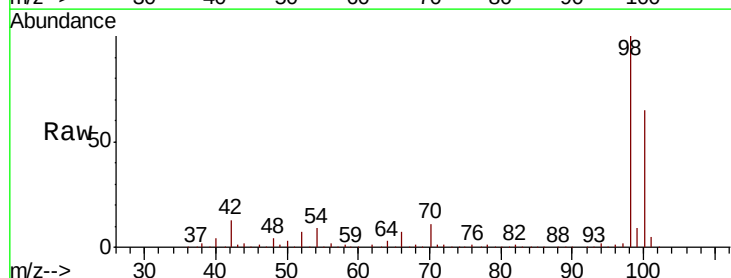


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

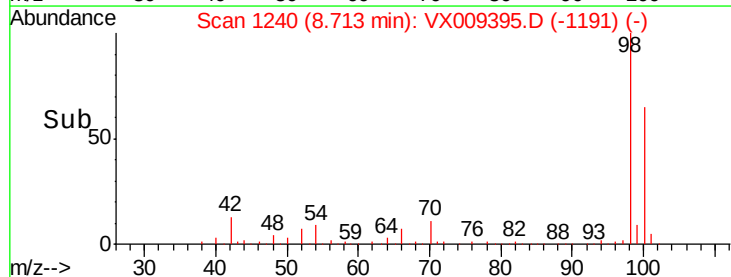
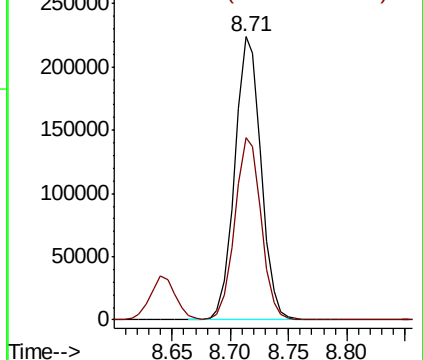


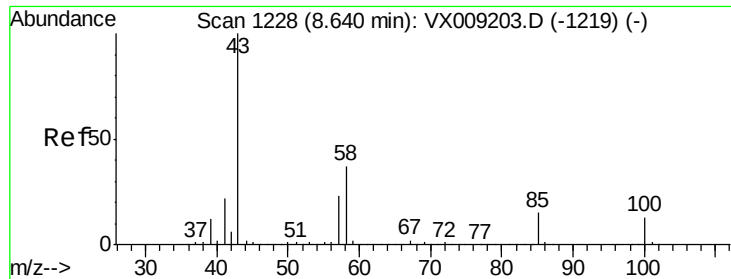
#50
Toluene-d8
Concen: 49.602 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

Tgt Ion: 98 Resp: 351640
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



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

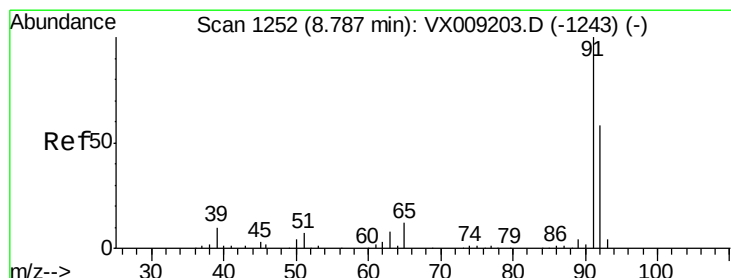
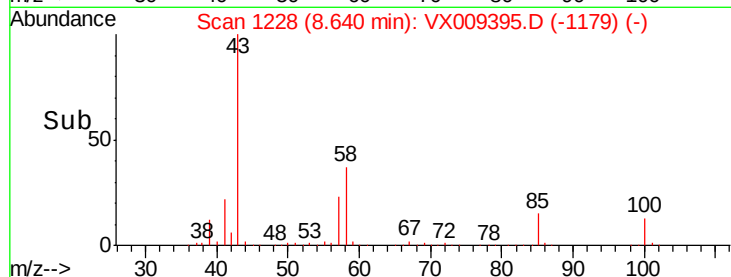
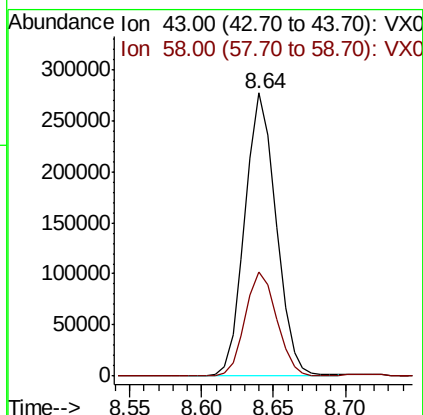
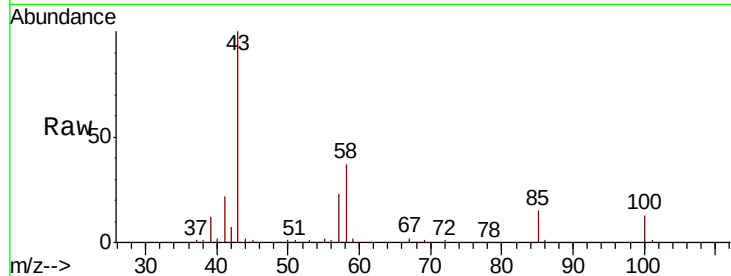




#51
 4-Methyl-2-Pentanone
 Concen: 110.466 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

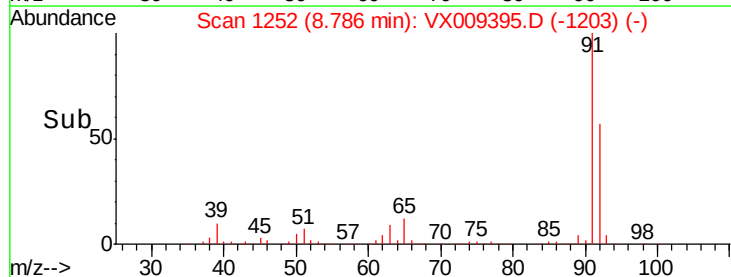
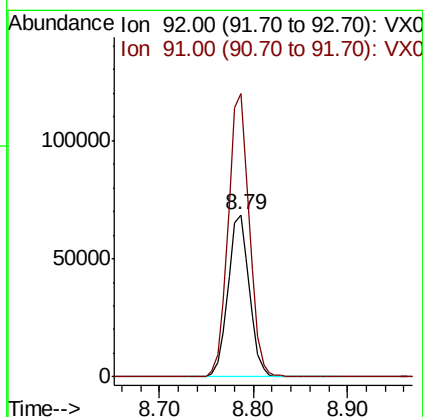
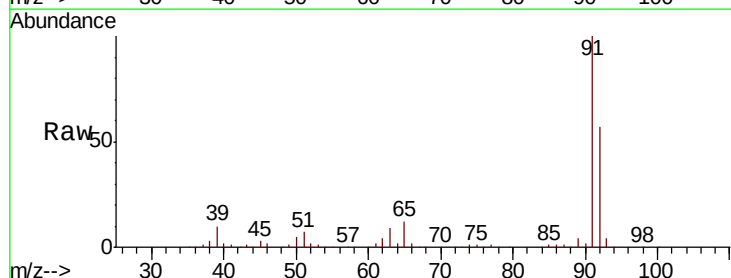
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

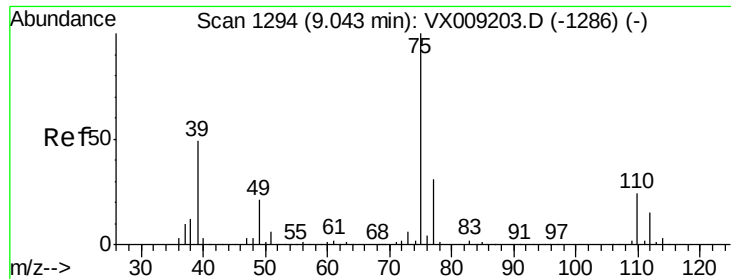
Tot Ion: 43 Resp: 417704
 Ion Ratio Lower Upper
 43 100
 58 37.0 29.5 44.3



#52
 Toluene
 Concen: 22.018 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Tgt Ion: 92 Resp: 107521
 Ion Ratio Lower Upper
 92 100
 91 173.8 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 21.632 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

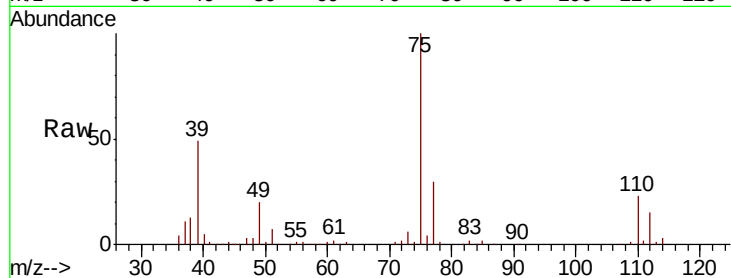
VX0508WBS02

Tot Ion: 75 Resp: 64354

Ion Ratio Lower Upper

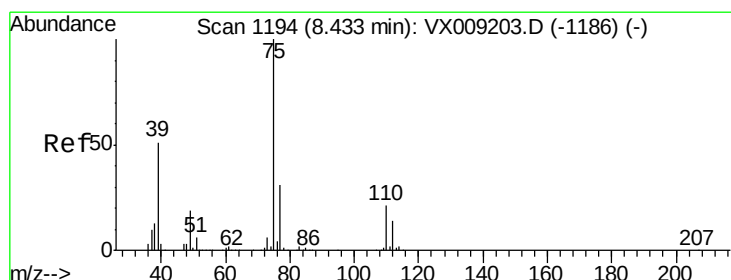
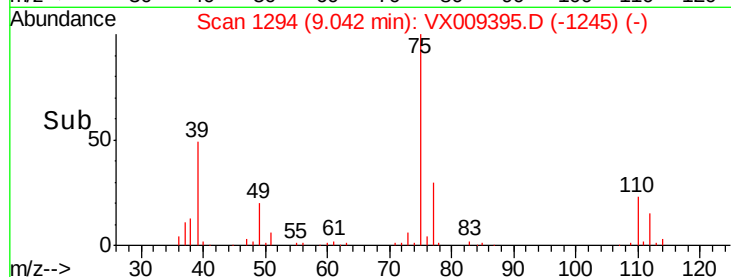
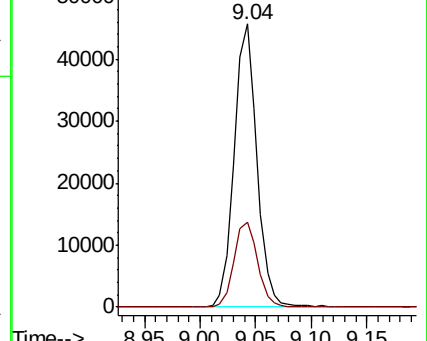
75 100

77 30.1 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.828 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

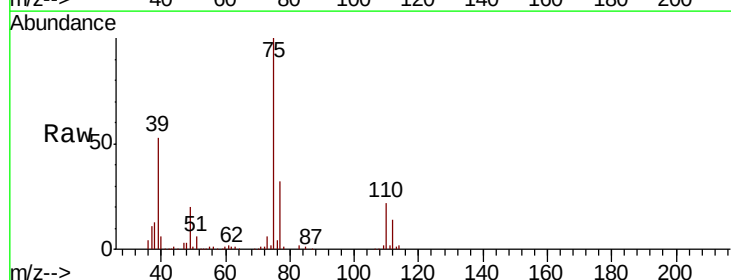
Tgt Ion: 75 Resp: 71877

Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

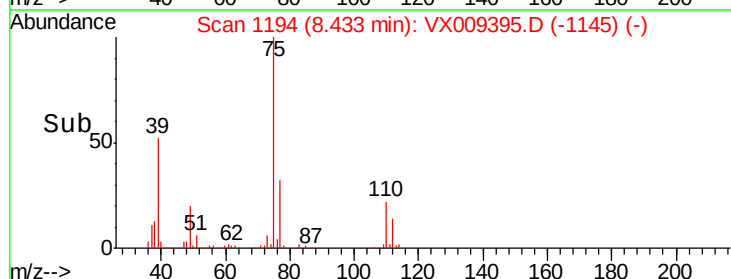
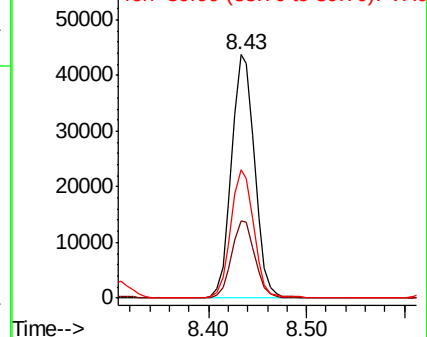
39 52.4 40.6 60.8

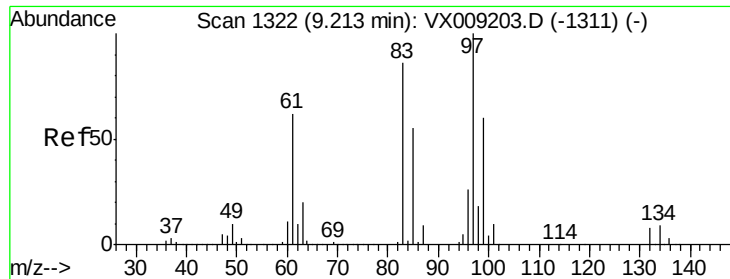


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 21.746 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

Tot Ion: 97 Resp: 43325

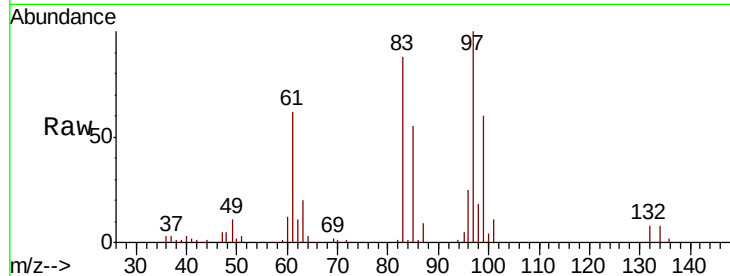
Ion Ratio Lower Upper

97 100

83 88.2 68.9 103.3

85 55.4 43.8 65.6

99 60.1 48.2 72.2



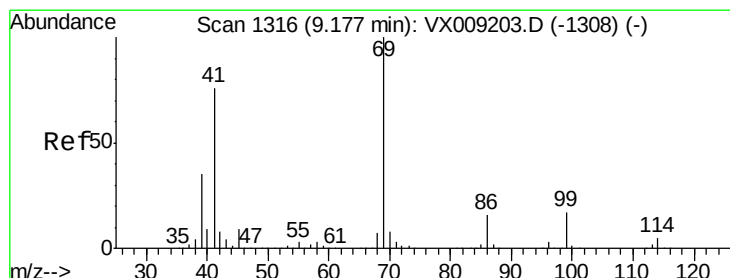
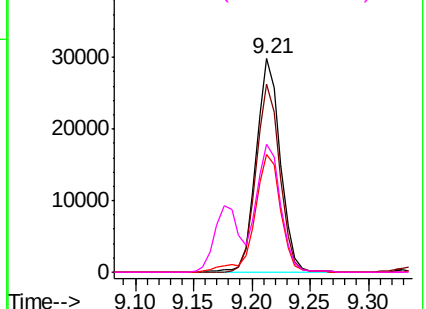
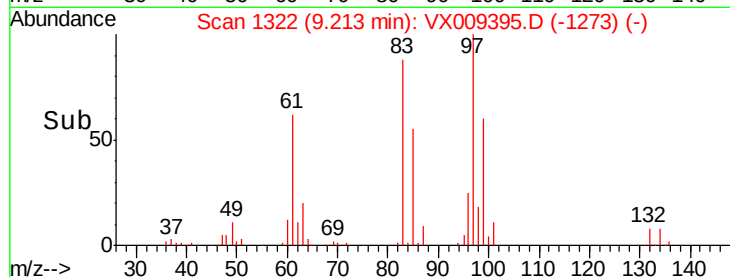
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.875 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

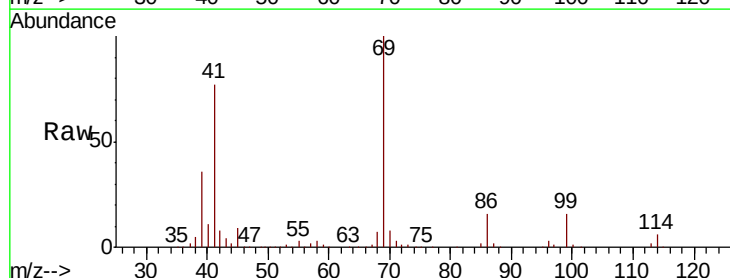
Tgt Ion: 69 Resp: 77795

Ion Ratio Lower Upper

69 100

41 75.8 60.6 90.8

39 35.8 28.2 42.4

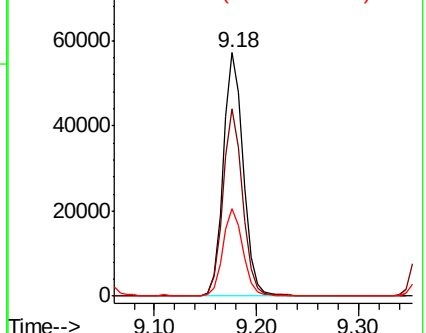
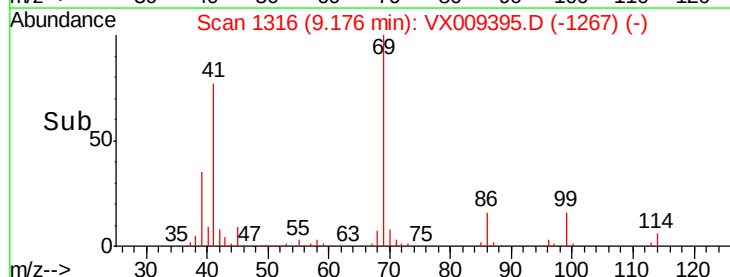


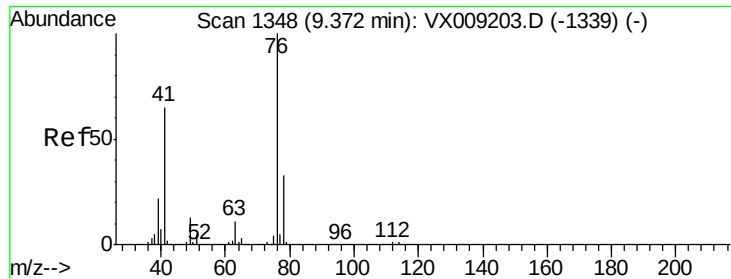
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

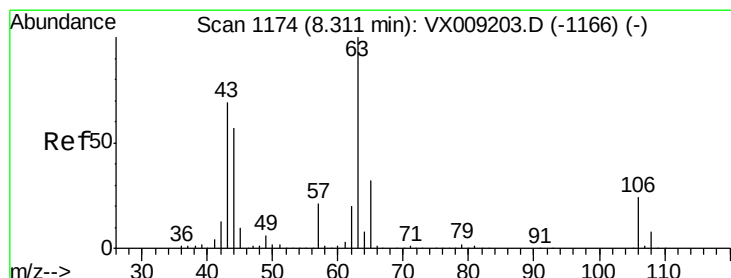
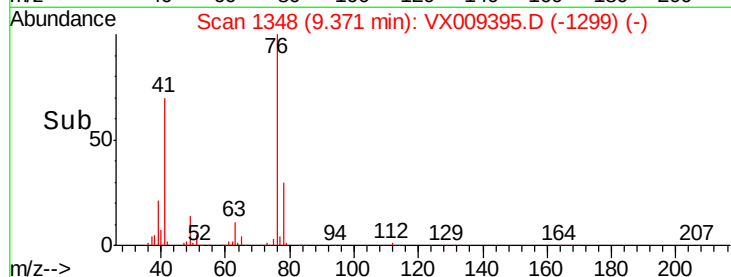
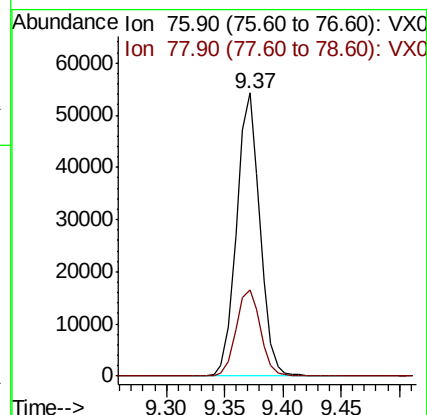
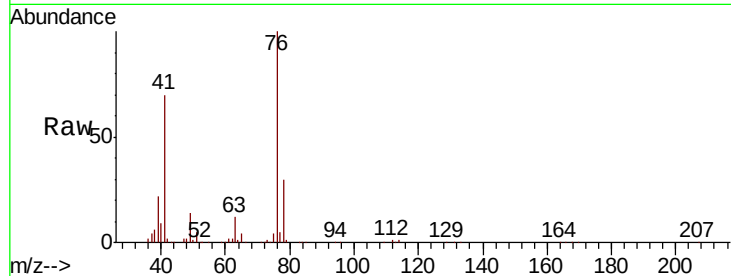




#57
 1,3-Dichloropropane
 Concen: 21.653 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

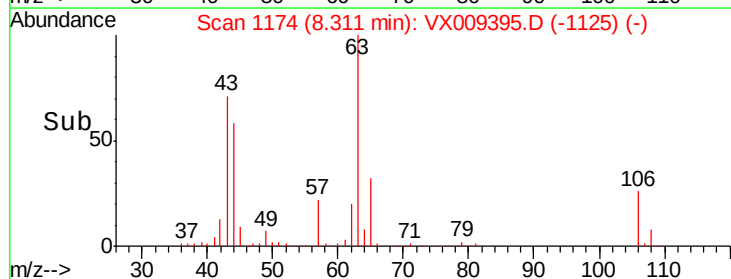
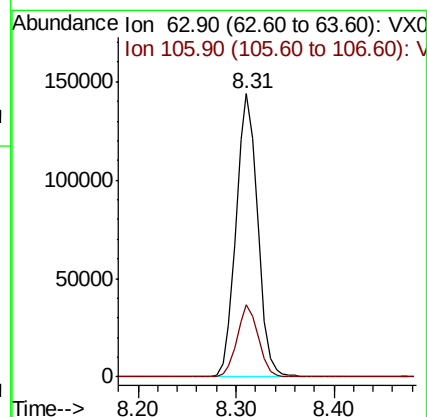
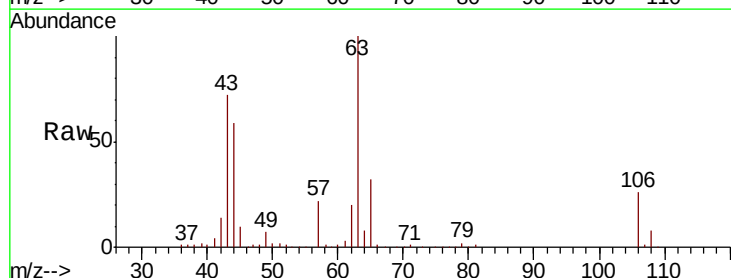
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

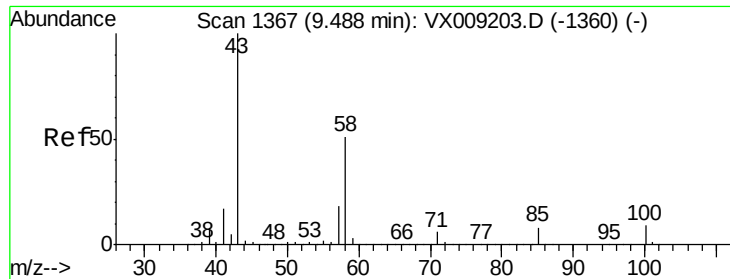
Tot Ion: 76 Resp: 75914
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.423 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Tgt Ion: 63 Resp: 221533
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.7 29.5

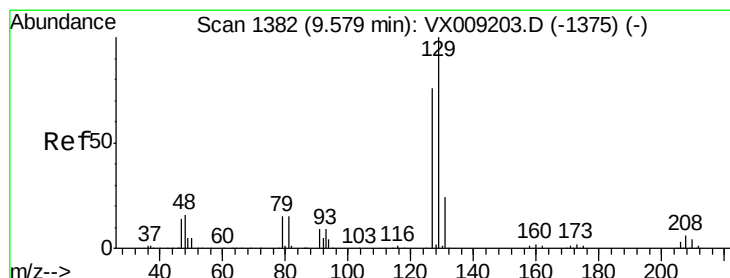
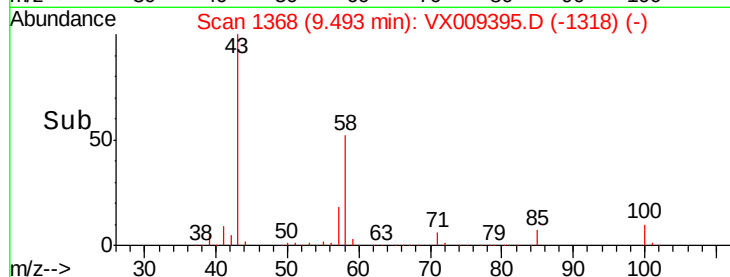
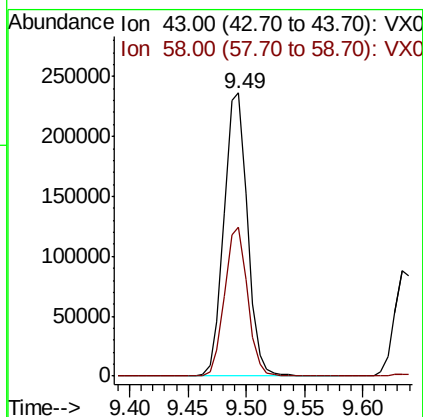
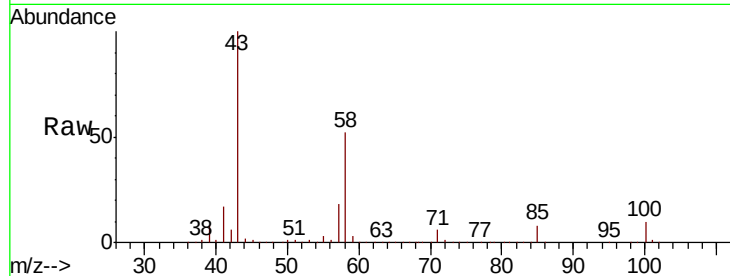




#59
2-Hexanone
Concen: 111.134 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

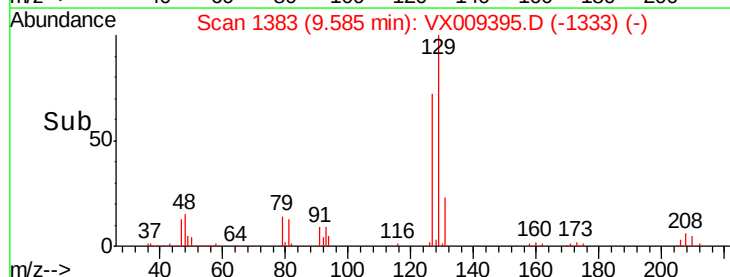
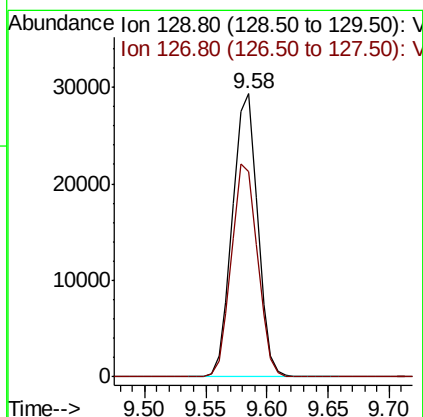
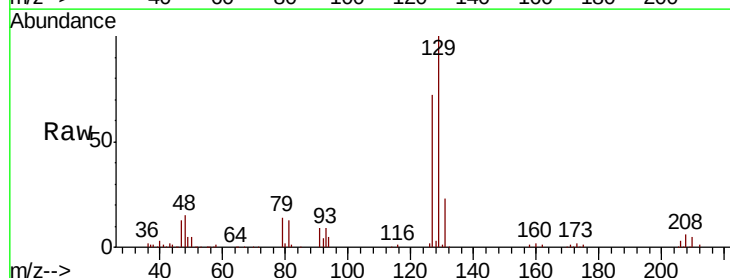
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

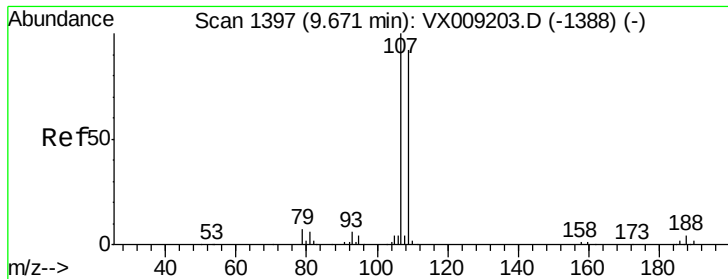
Tot Ion: 43 Resp: 330043
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7



#60
Dibromochloromethane
Concen: 21.494 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

Tgt Ion: 129 Resp: 41823
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 21.866 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

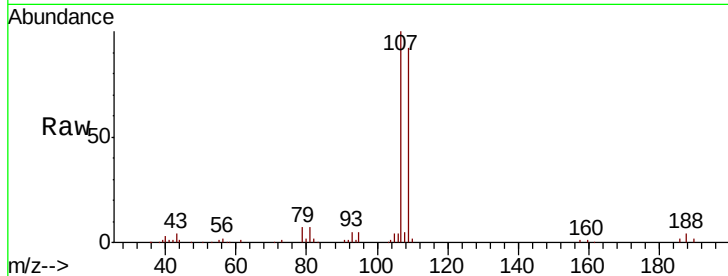
VX0508WBS02

Tot Ion:107 Resp: 43974

Ion Ratio Lower Upper

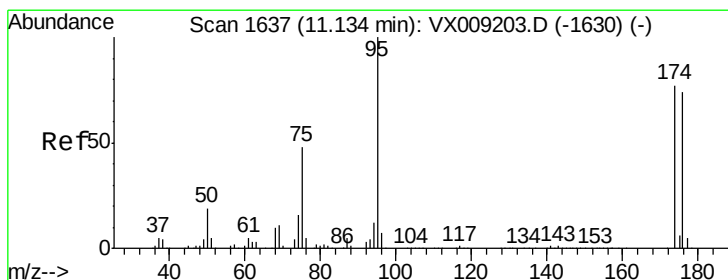
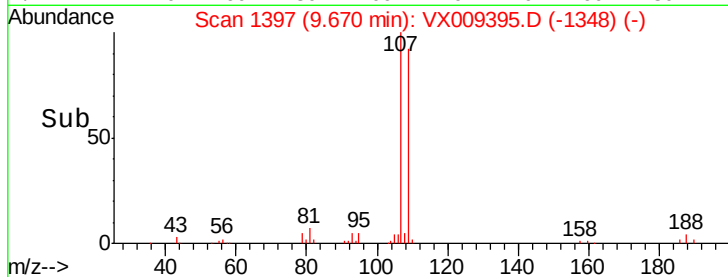
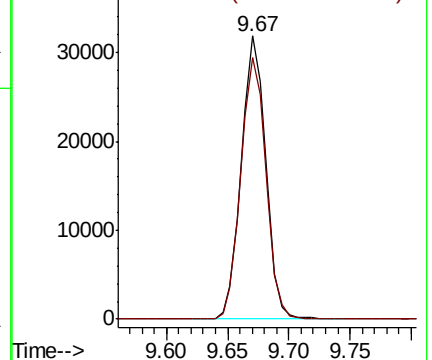
107 100

109 94.9 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.224 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

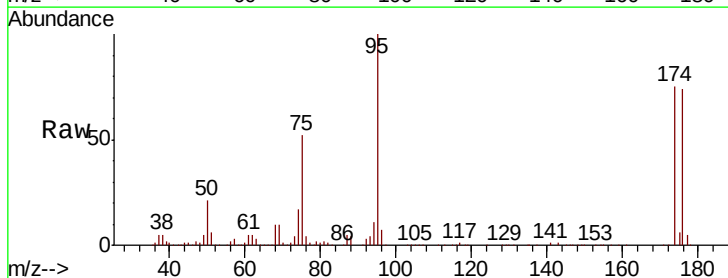
Tgt Ion: 95 Resp: 126798

Ion Ratio Lower Upper

95 100

174 82.5 0.0 161.6

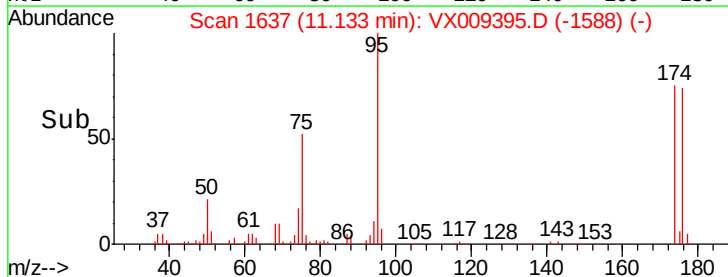
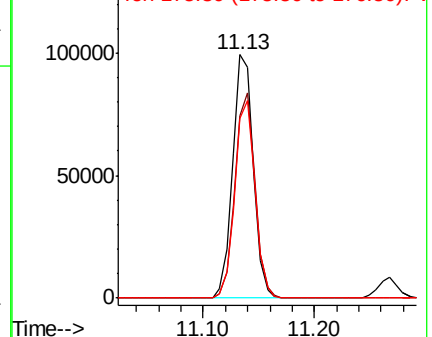
176 79.9 0.0 159.2

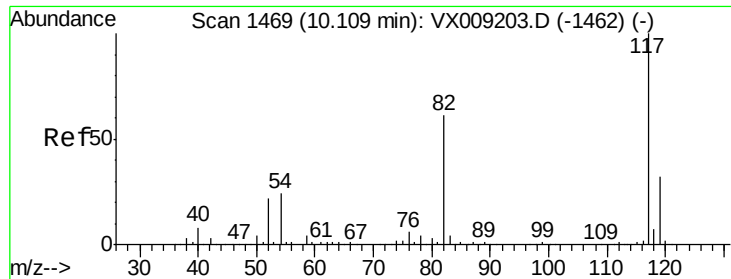


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

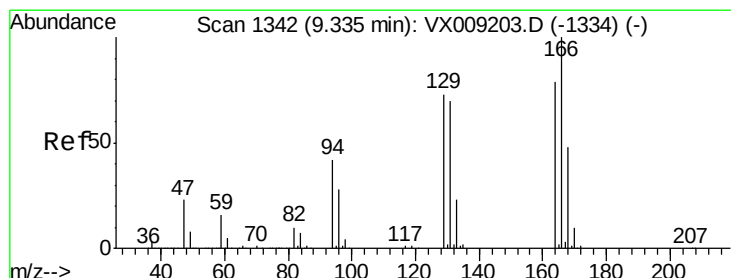
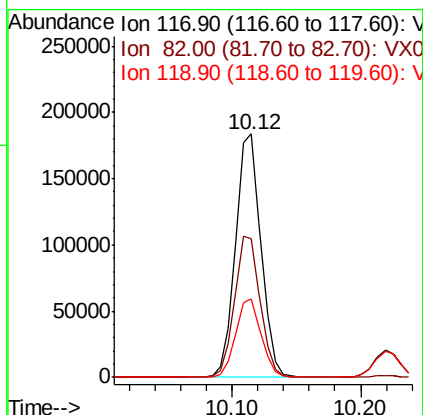
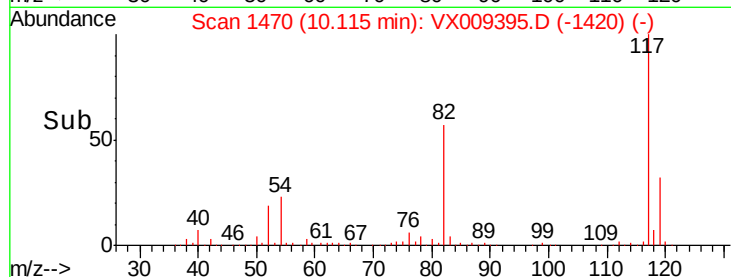
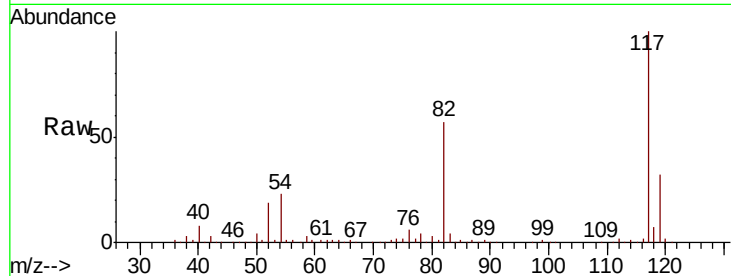




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

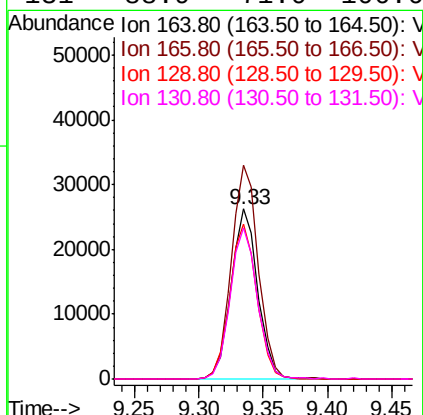
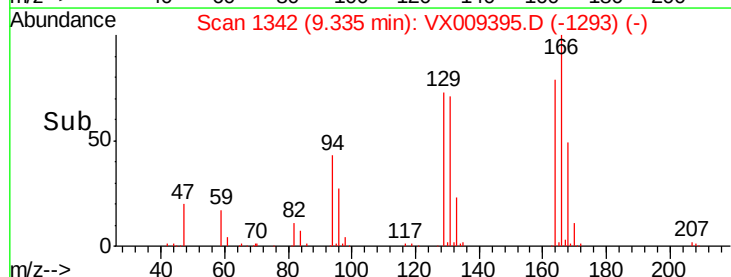
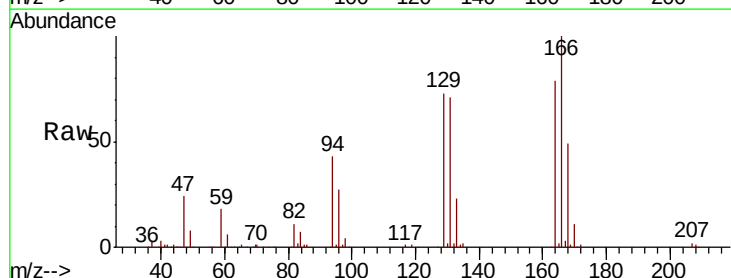
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

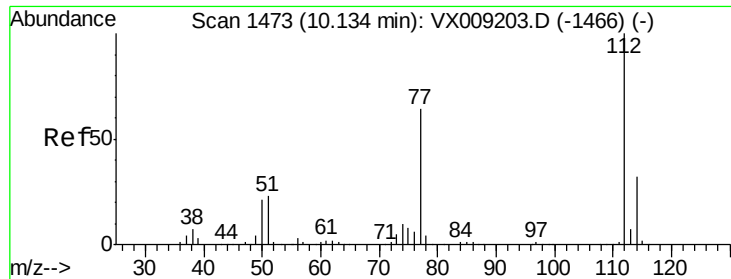
Tot Ion:117 Resp: 252135
Ion Ratio Lower Upper
117 100
82 57.0 48.8 73.2
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 21.903 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

Tgt Ion:164 Resp: 37882
Ion Ratio Lower Upper
164 100
166 125.9 101.2 151.8
129 91.4 74.3 111.5
131 88.9 71.0 106.6

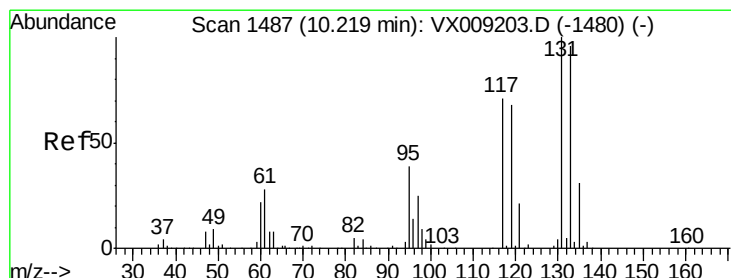
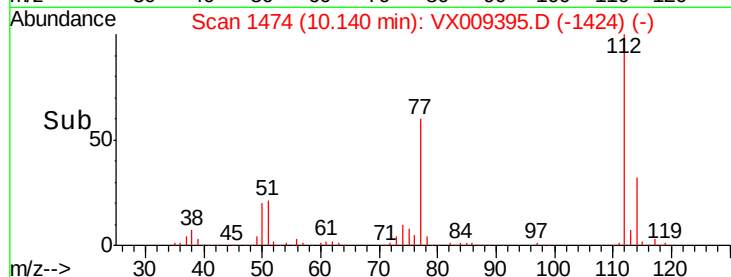
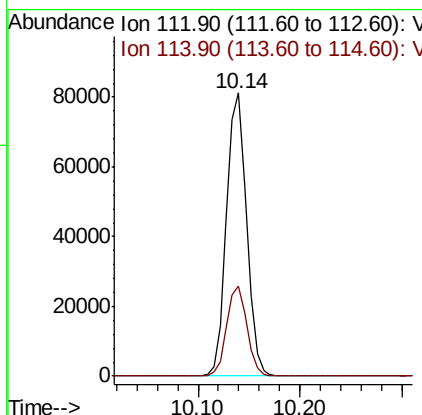
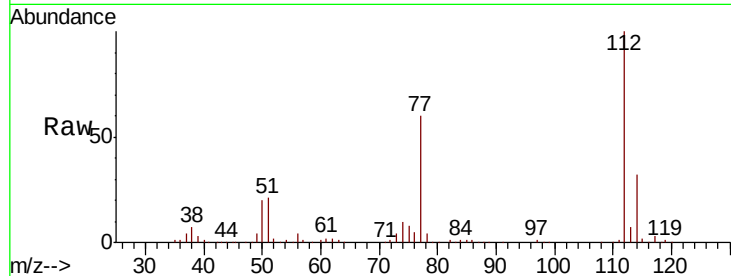




#65
Chlorobenzene
Concen: 21.960 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

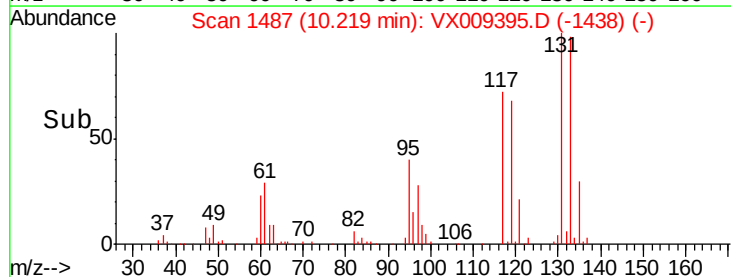
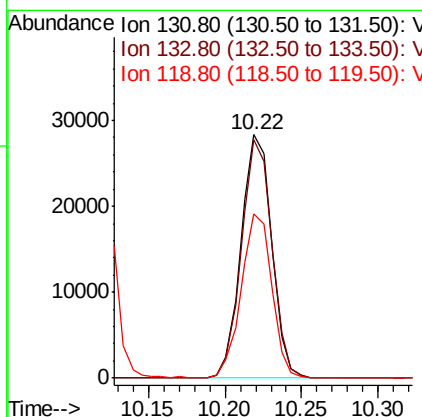
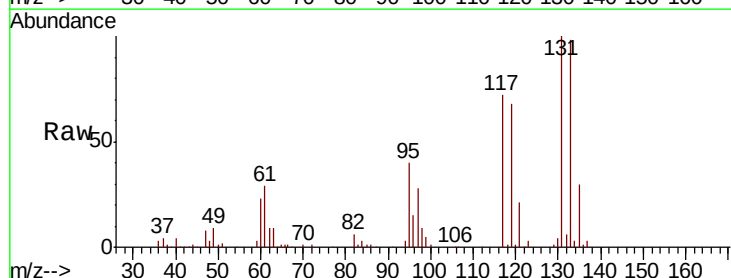
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

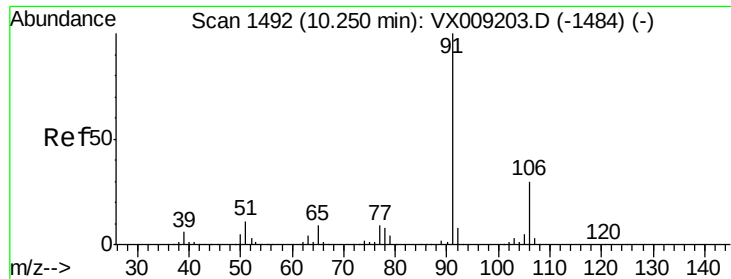
Tot Ion:112 Resp: 110762
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.551 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

Tgt Ion:131 Resp: 39408
Ion Ratio Lower Upper
131 100
133 97.2 47.7 143.1
119 67.8 33.5 100.4

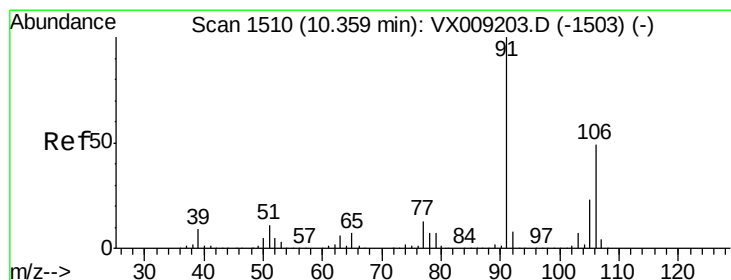
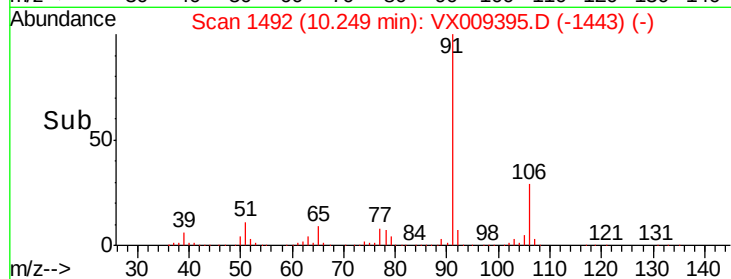
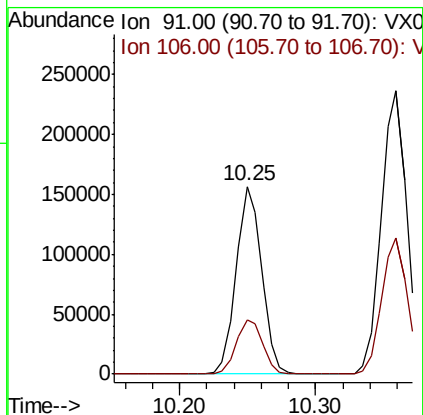
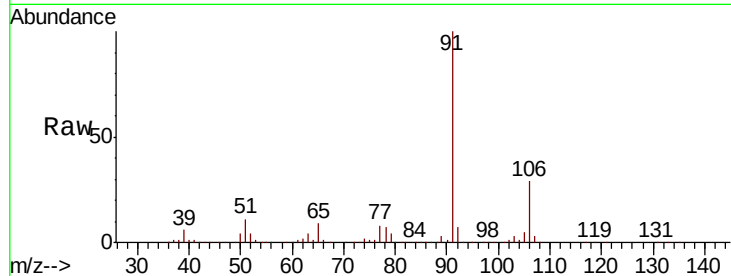




#67
Ethyl Benzene
Concen: 22.012 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

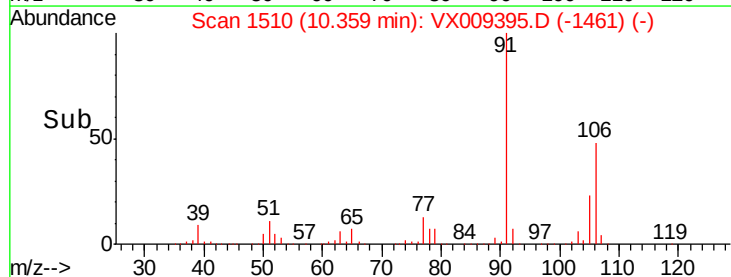
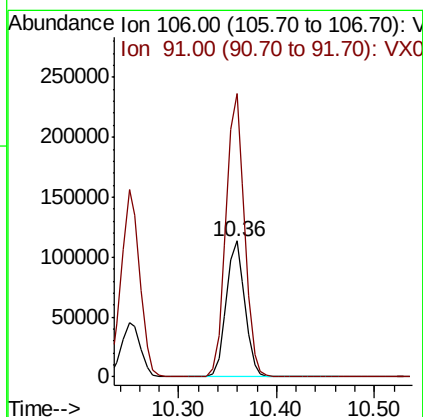
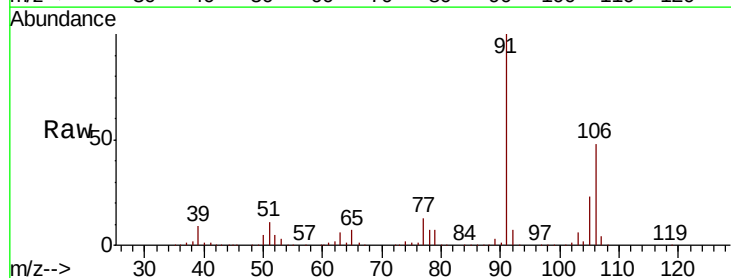
Instrument :
MSVOA_X
ClientSampled :
VX0508WBS02

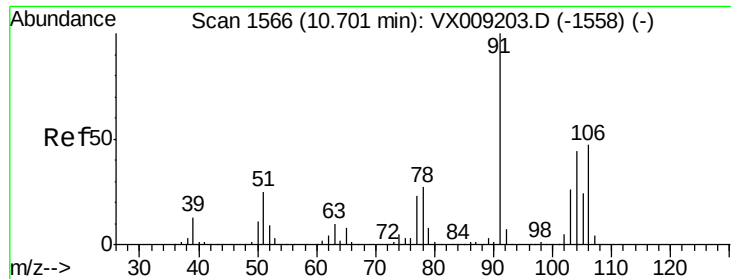
Tot Ion: 91 Resp: 204328
Ion Ratio Lower Upper
91 100
106 29.2 24.0 36.0



#68
m/p-Xylenes
Concen: 44.365 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

Tgt Ion: 106 Resp: 150491
Ion Ratio Lower Upper
106 100
91 206.5 164.0 246.0

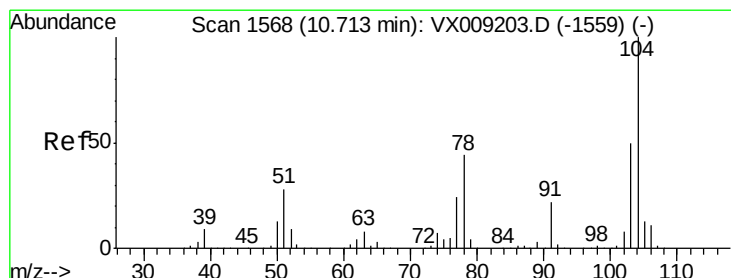
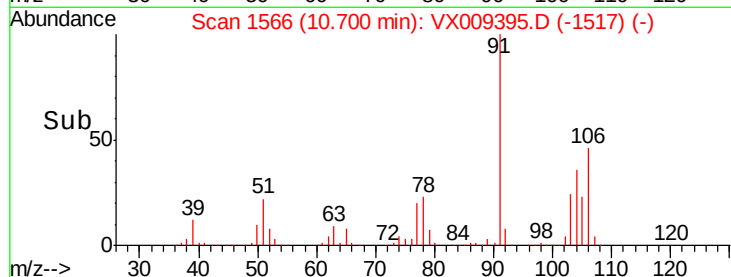
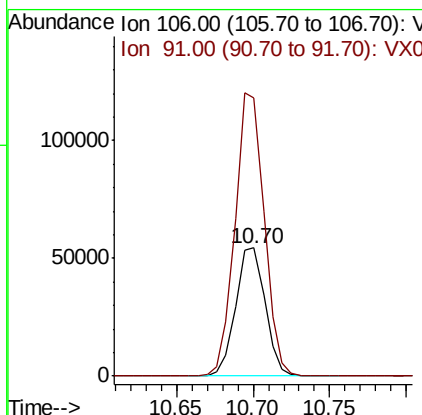
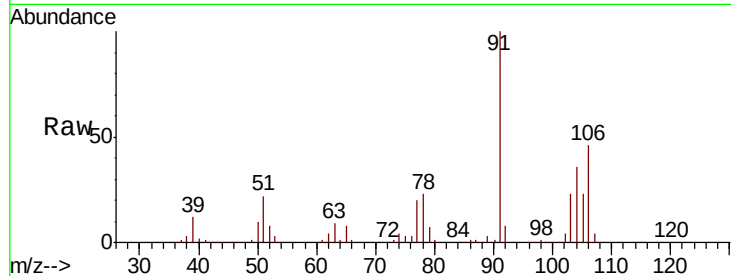




#69
o-Xylene
Concen: 21.868 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

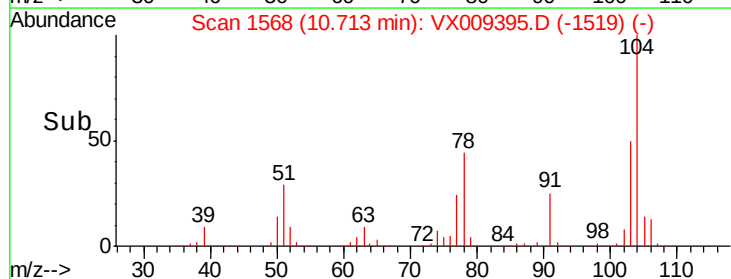
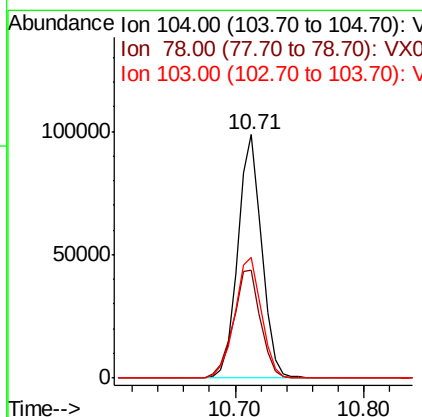
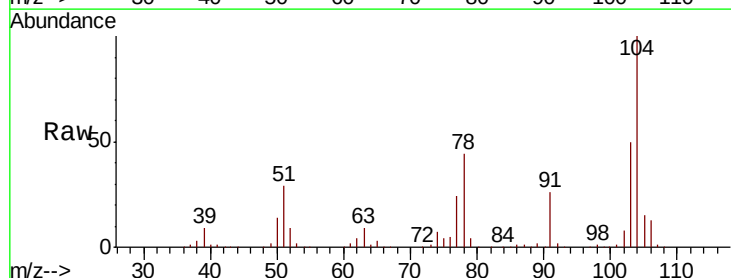
Instrument :
MSVOA_X
ClientSampled :
VX0508WBS02

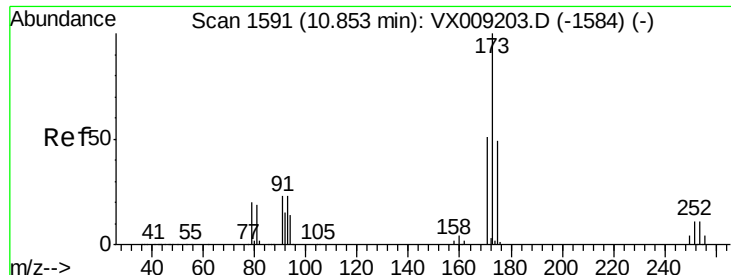
Tot Ion:106 Resp: 73189
Ion Ratio Lower Upper
106 100
91 218.5 109.5 328.4



#70
Styrene
Concen: 21.770 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

Tgt Ion:104 Resp: 126640
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.4
103 55.8 43.8 65.6





#71

Bromoform

Concen: 21.278 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

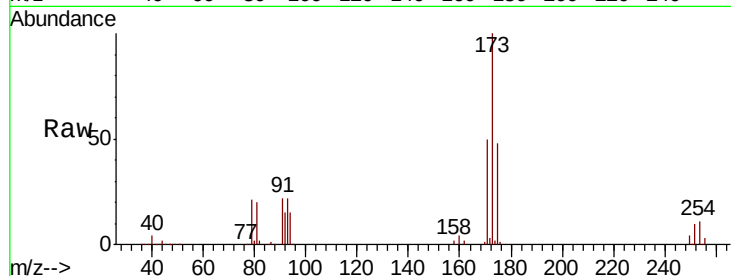
Tot Ion:173 Resp: 31620

Ion Ratio Lower Upper

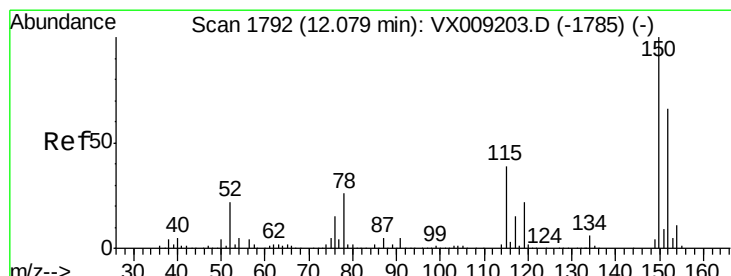
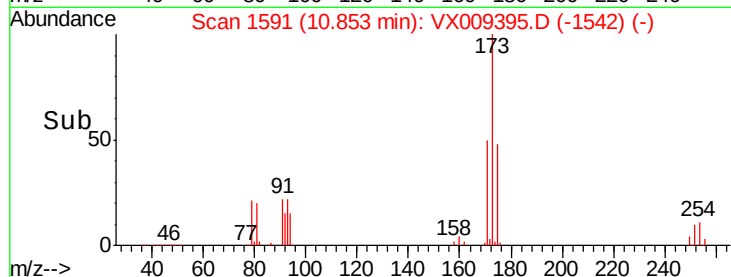
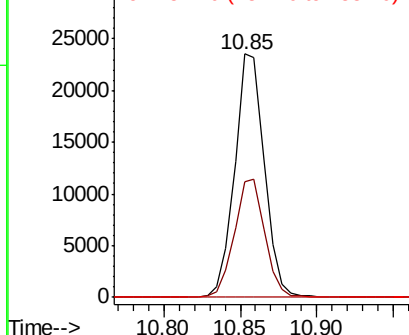
173 100

175 49.8 24.5 73.5

254 0.1 0.1 0.1



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: VX009395.D

Acq: 08 May 2019 13:59

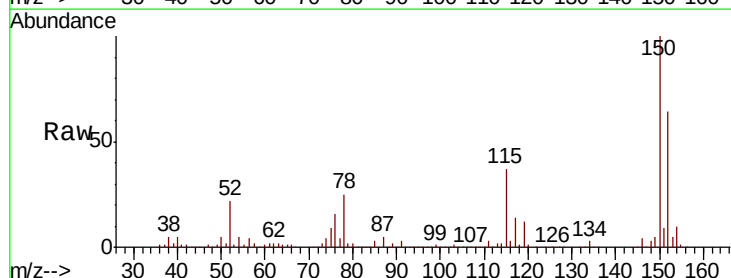
Tgt Ion:152 Resp: 121060

Ion Ratio Lower Upper

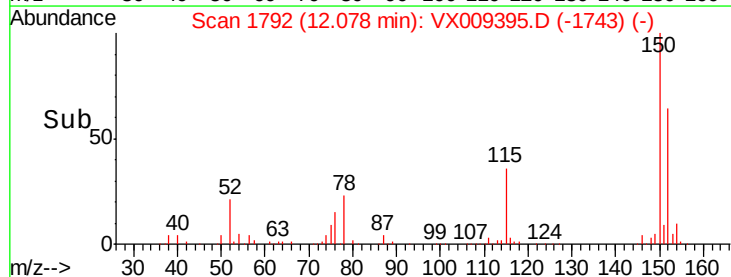
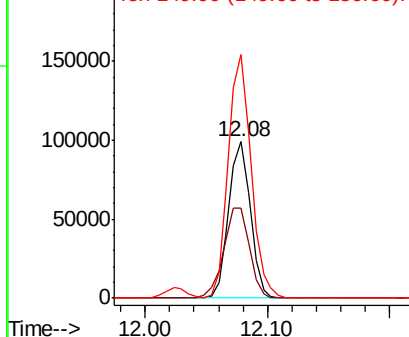
152 100

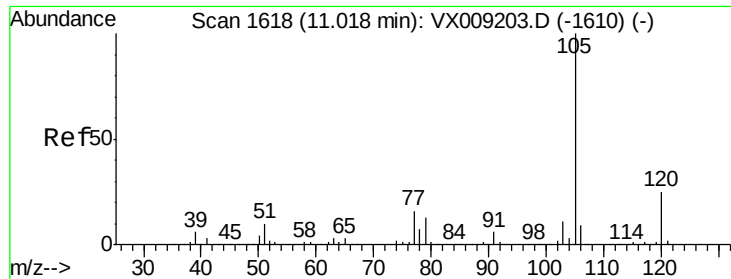
115 68.9 41.2 123.6

150 164.5 0.0 346.4



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: 22.177 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

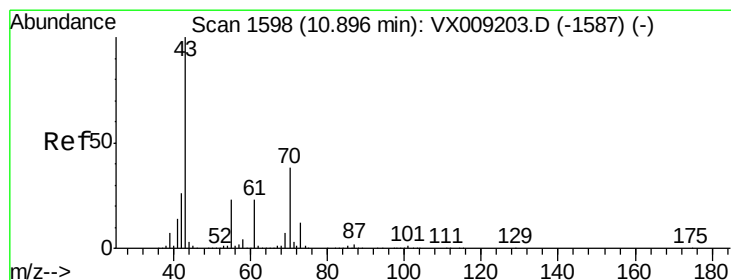
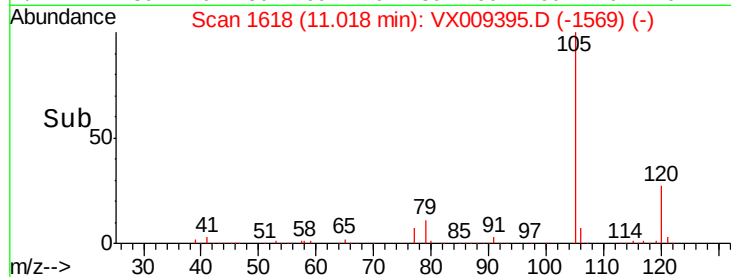
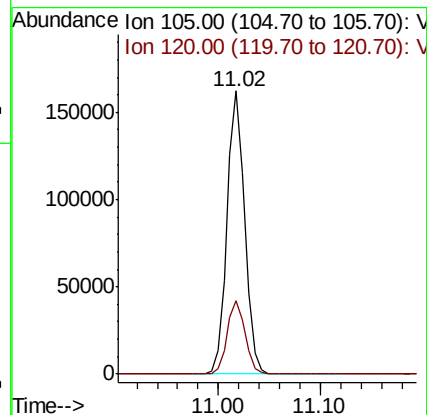
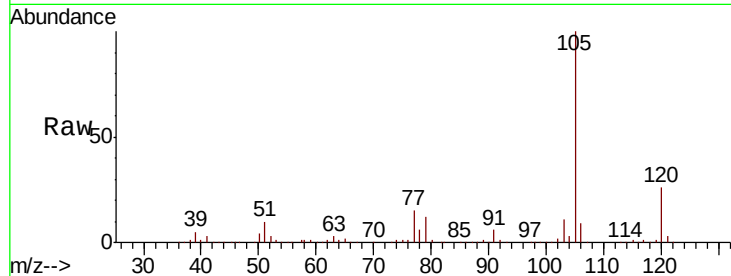
VX0508WBS02

Tot Ion:105 Resp: 195235

Ion Ratio Lower Upper

105 100

120 26.3 12.8 38.3



#74

N-ethyl acetate

Concen: 21.983 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Tgt Ion: 43 Resp: 112826

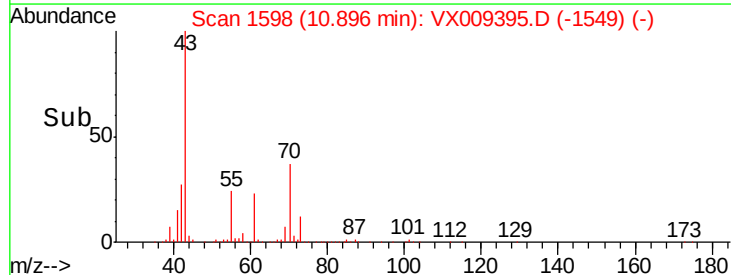
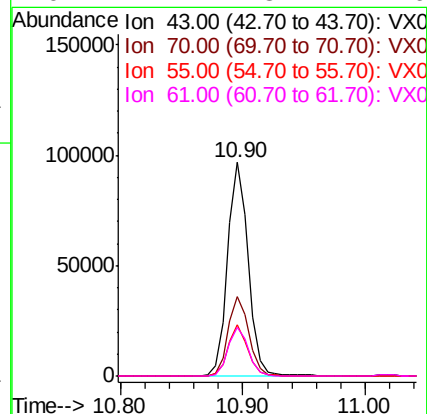
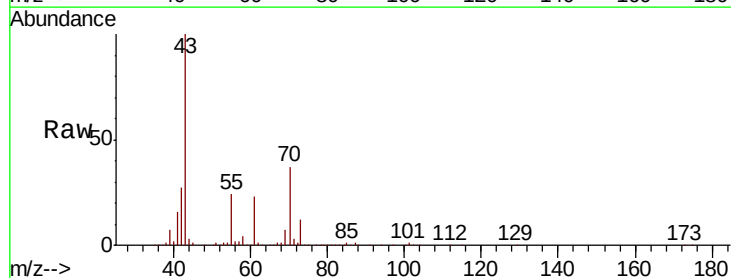
Ion Ratio Lower Upper

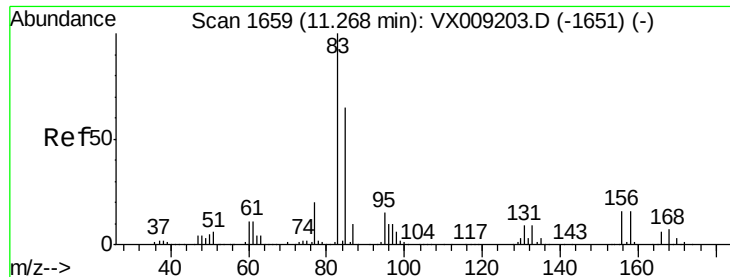
43 100

70 37.5 30.0 45.0

55 23.1 17.9 26.9

61 22.7 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.904 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

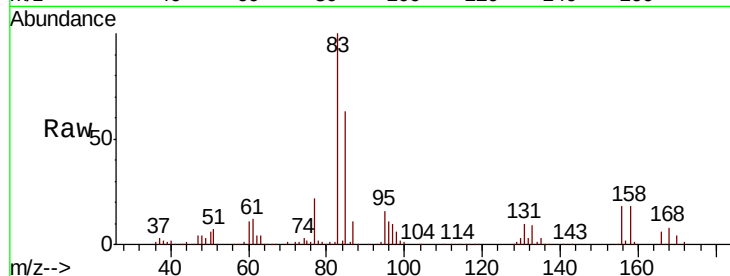
Tot Ion: 83 Resp: 71884

Ion Ratio Lower Upper

83 100

131 9.6 4.6 13.8

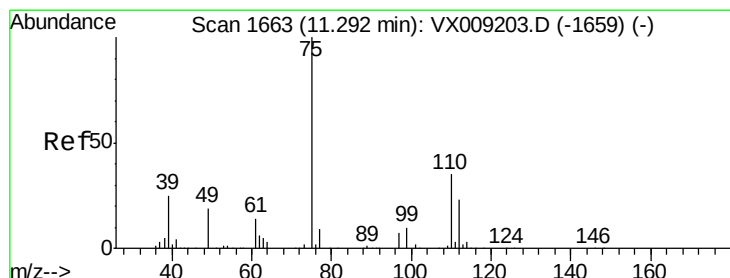
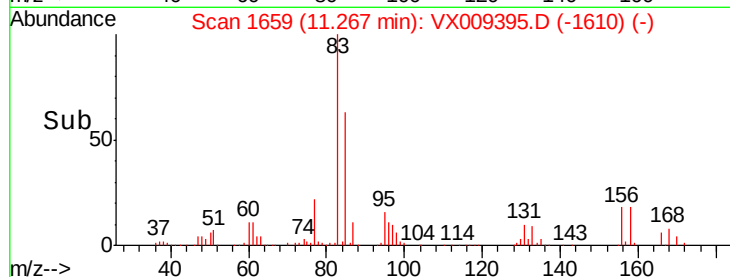
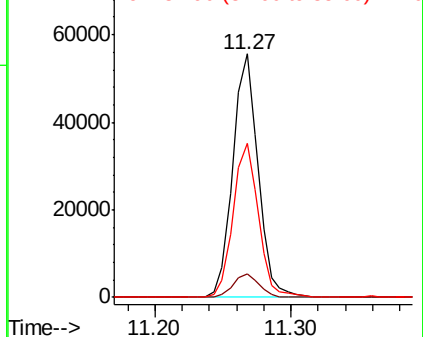
85 63.3 32.0 96.2



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: 29.530 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009395.D

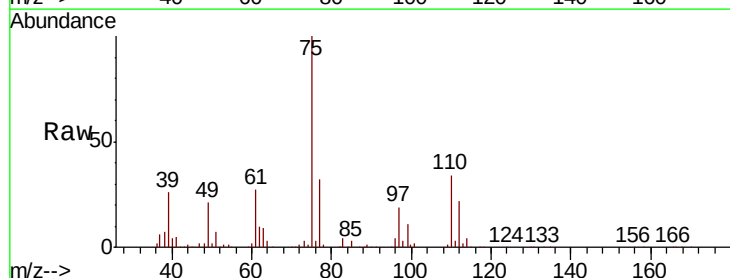
Acq: 08 May 2019 13:59

Tgt Ion: 75 Resp: 82926

Ion Ratio Lower Upper

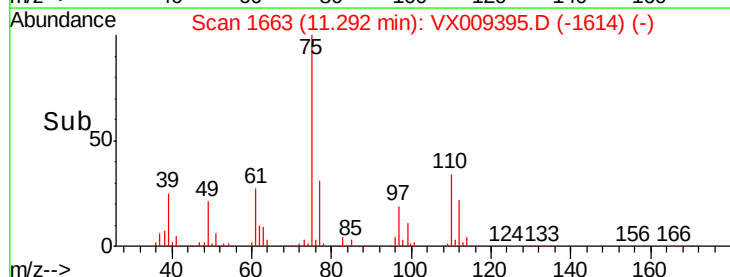
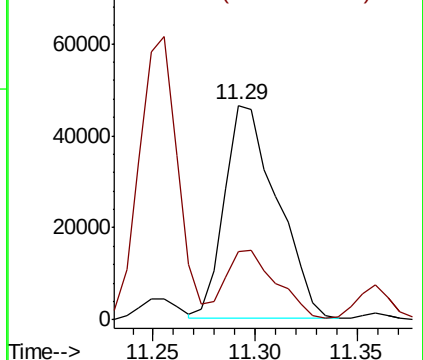
75 100

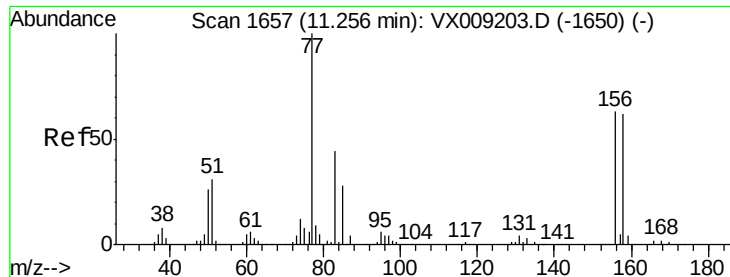
77 32.3 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.680 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

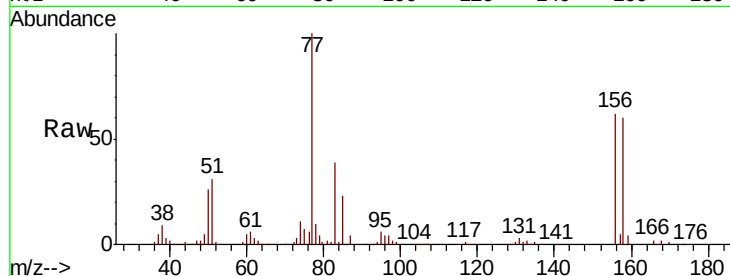
Tot Ion:156 Resp: 47372

Ion Ratio Lower Upper

156 100

77 169.0 84.8 254.3

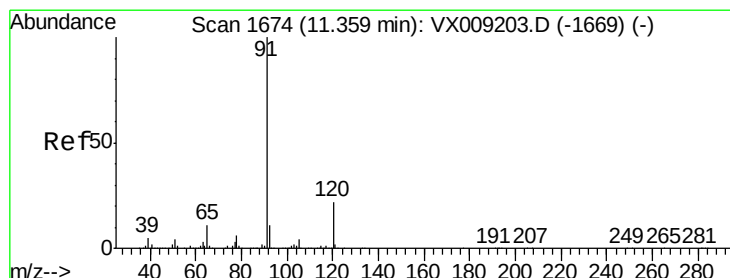
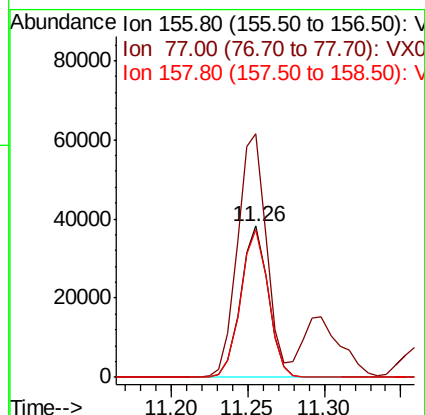
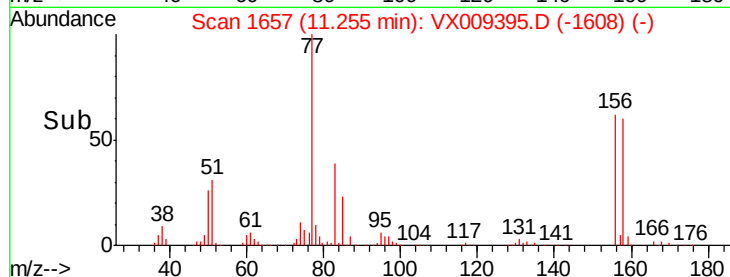
158 98.7 49.1 147.3



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: 22.080 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009395.D

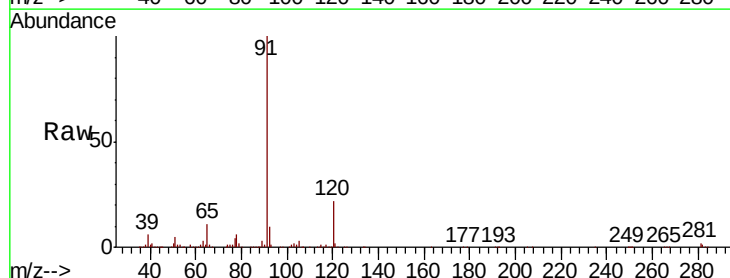
Acq: 08 May 2019 13:59

Tgt Ion: 91 Resp: 221986

Ion Ratio Lower Upper

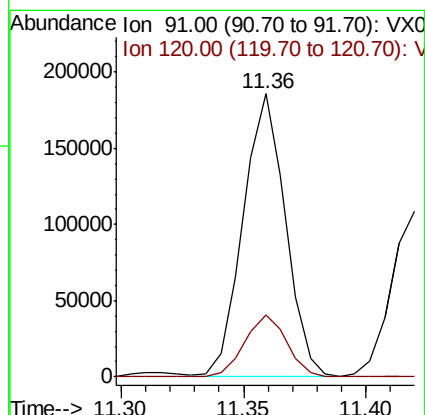
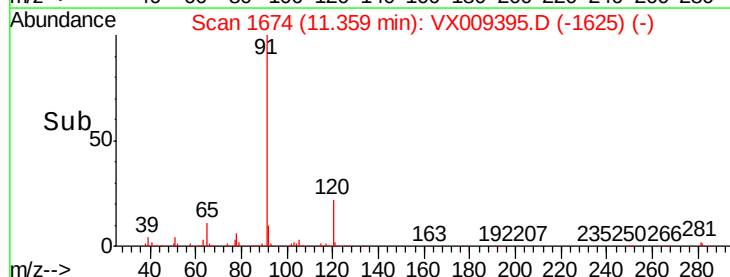
91 100

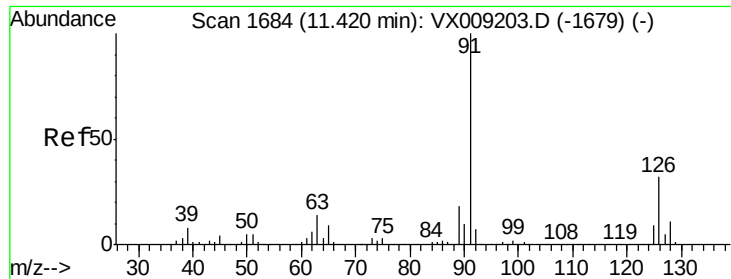
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

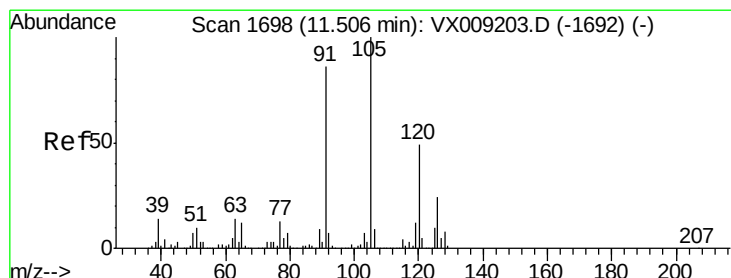
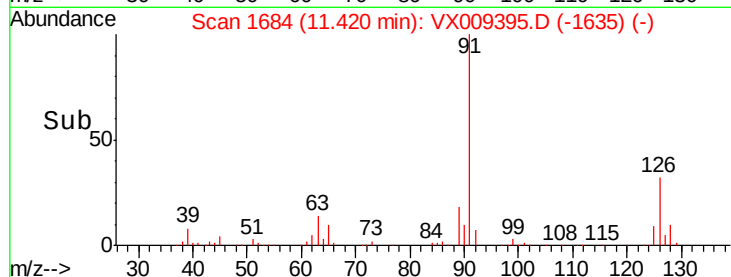
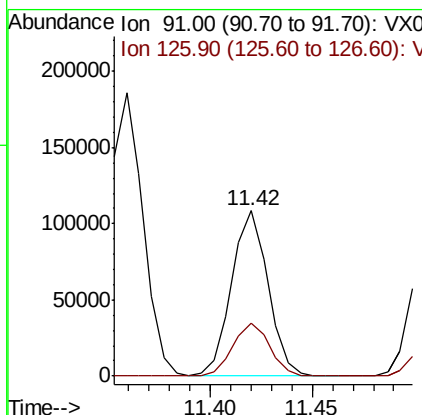
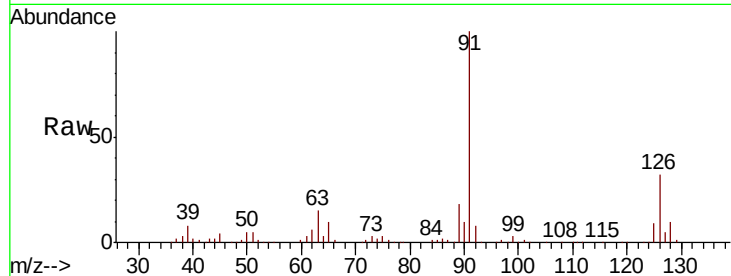




#79
2-Chlorotoluene
Concen: 21.489 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

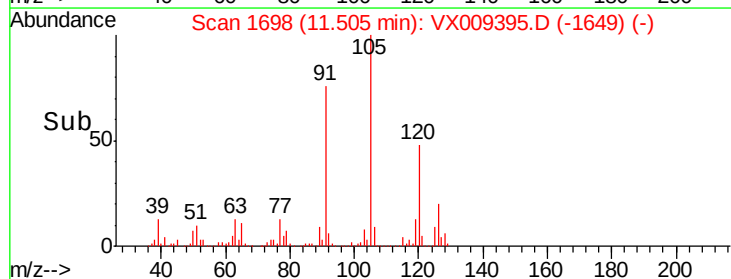
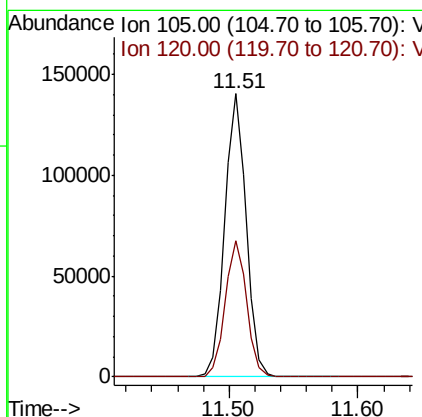
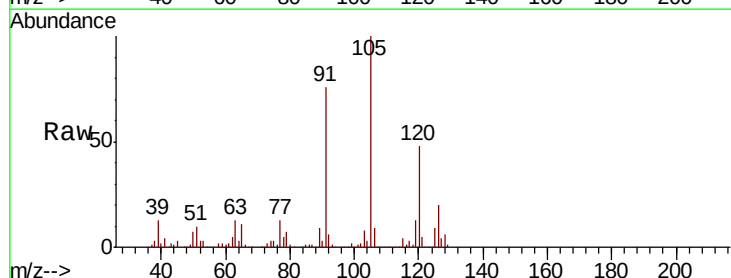
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

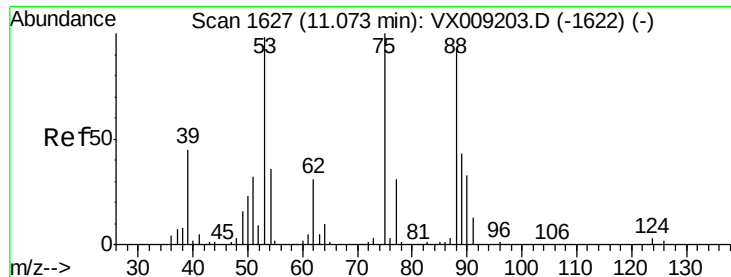
Tot Ion: 91 Resp: 133289
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 22.288 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

Tgt Ion: 105 Resp: 165209
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.9

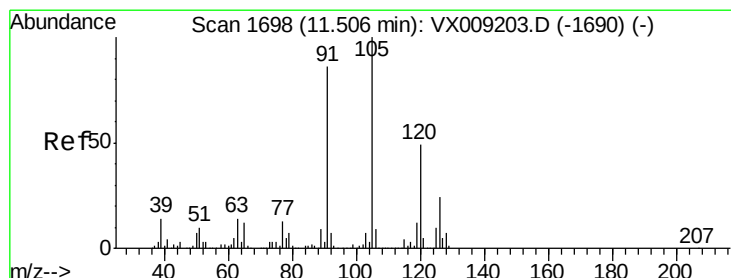
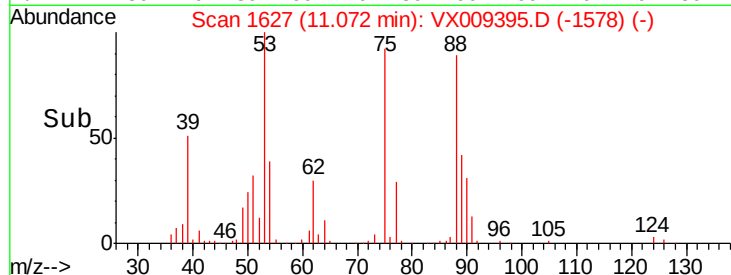
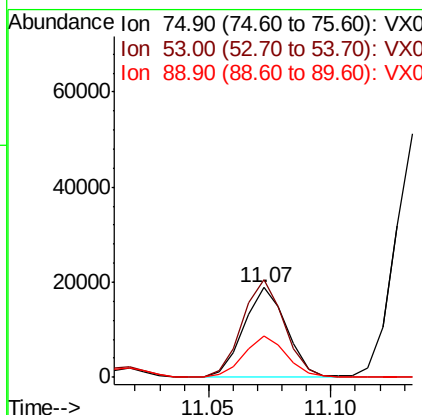
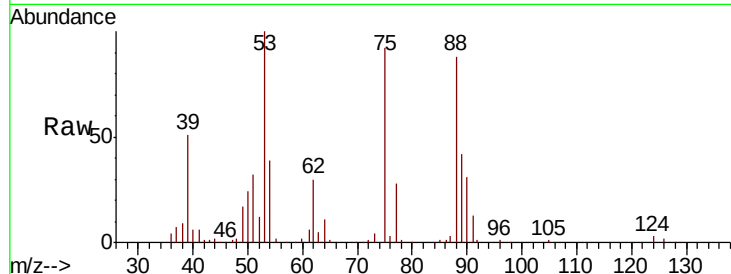




#81
trans-1,4-Dichloro-2-butene
Concen: 20.786 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

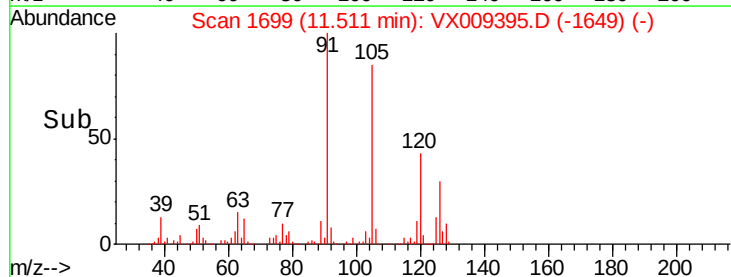
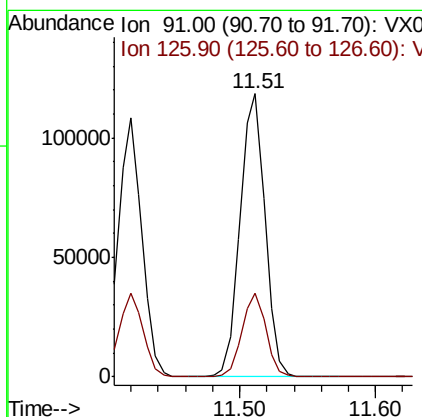
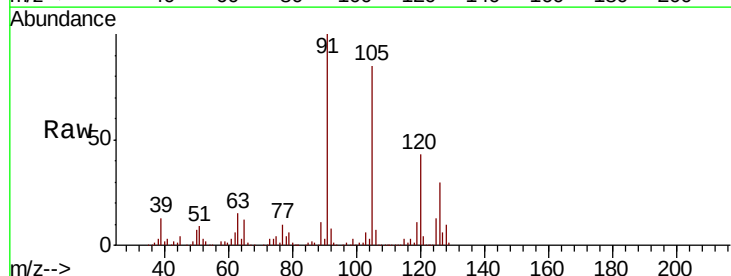
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

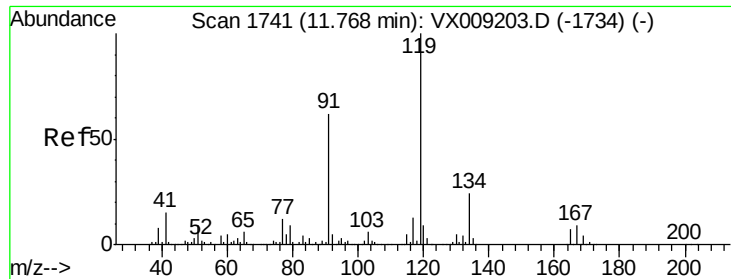
Tot Ion: 75 Resp: 22813
Ion Ratio Lower Upper
75 100
53 107.9 79.0 118.6
89 45.6 34.7 52.1



#82
4-Chlorotoluene
Concen: 21.617 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

Tgt Ion: 91 Resp: 151477
Ion Ratio Lower Upper
91 100
126 28.6 14.5 43.6





#83

tert-Butylbenzene

Concen: 22.343 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS02

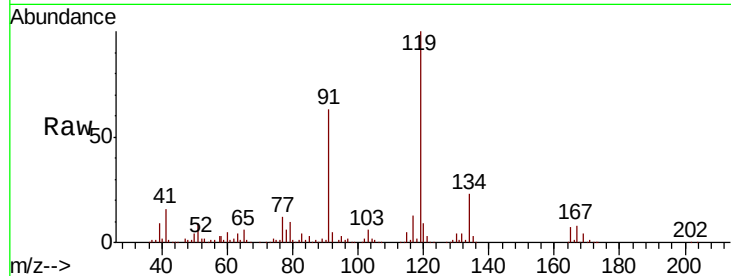
Tot Ion:119 Resp: 161111

Ion Ratio Lower Upper

119 100

91 56.7 29.5 88.5

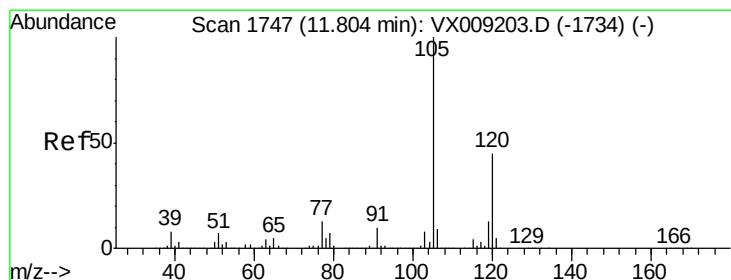
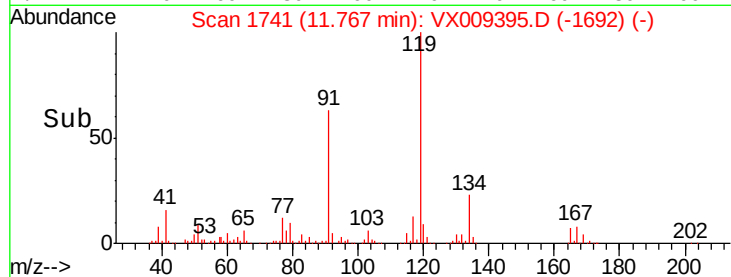
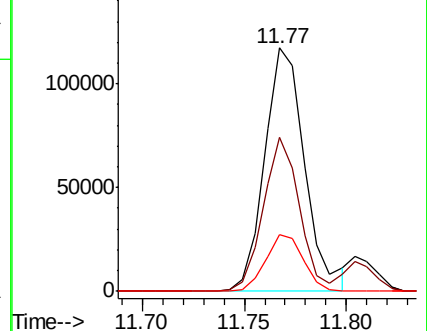
134 22.0 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.214 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009395.D

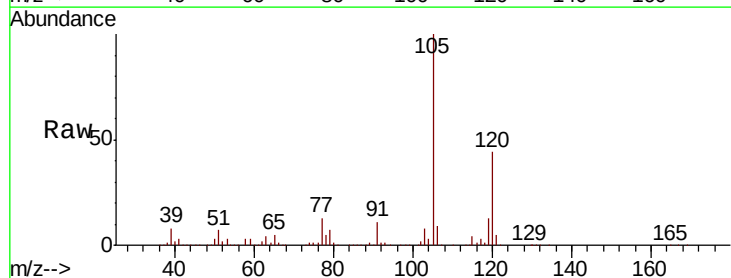
Acq: 08 May 2019 13:59

Tgt Ion:105 Resp: 165279

Ion Ratio Lower Upper

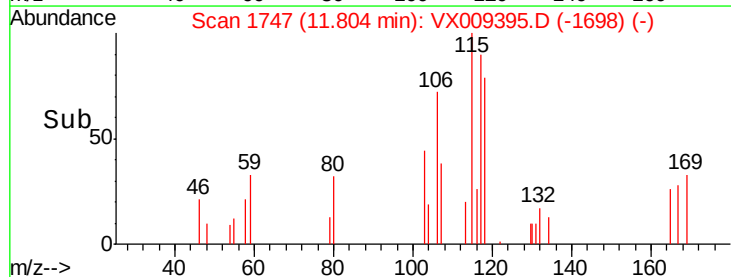
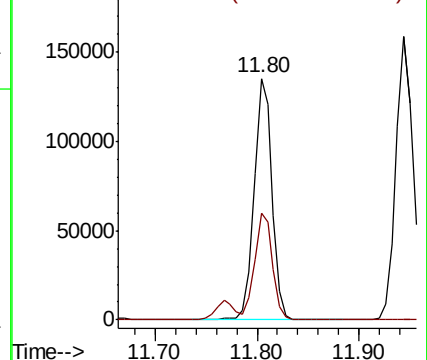
105 100

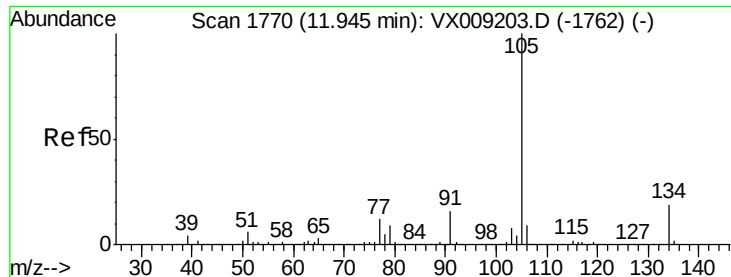
120 44.0 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.938 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

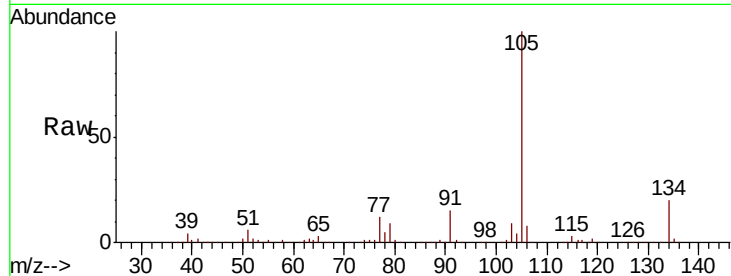
VX0508WBS02

Tot Ion:105 Resp: 187544

Ion Ratio Lower Upper

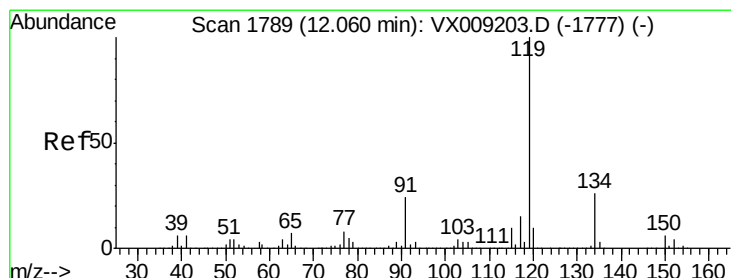
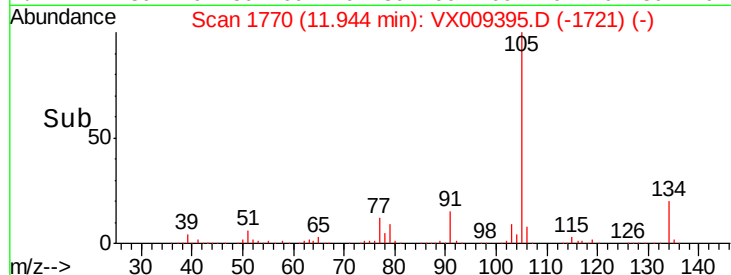
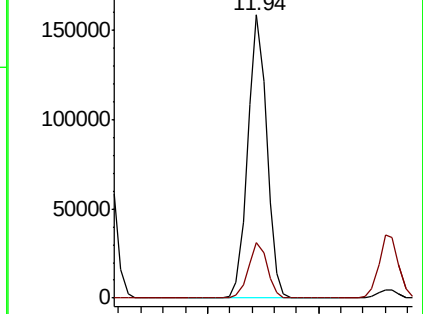
105 100

134 19.6 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.160 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009395.D

Acq: 08 May 2019 13:59

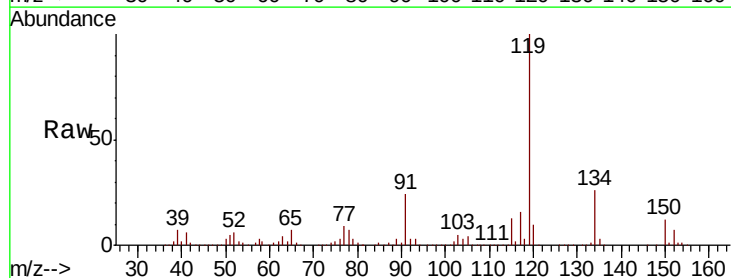
Tgt Ion:119 Resp: 170309

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

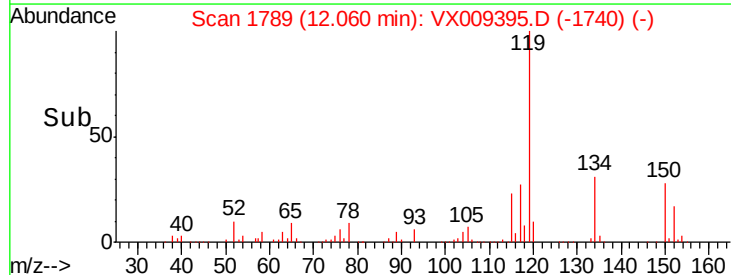
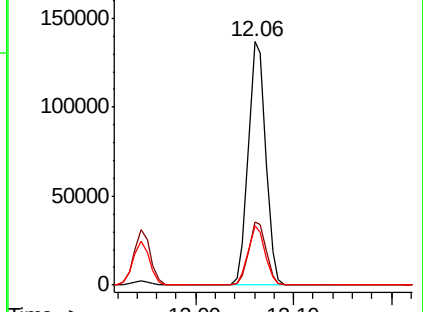
91 23.7 11.8 35.4

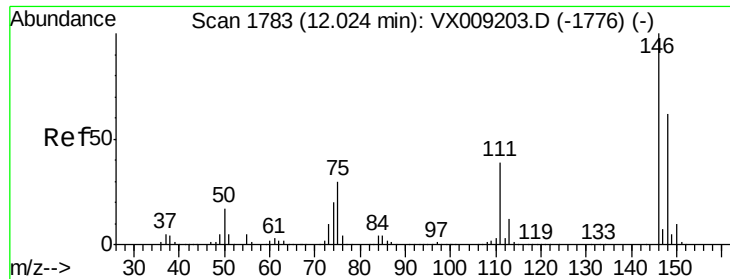


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

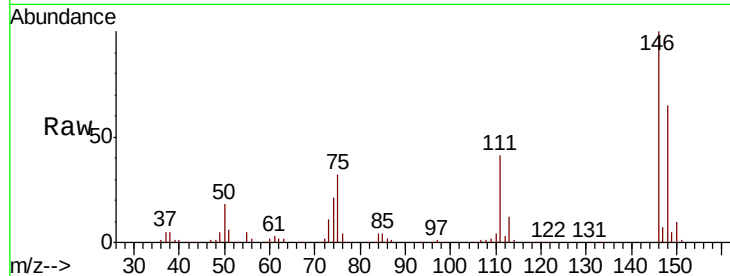




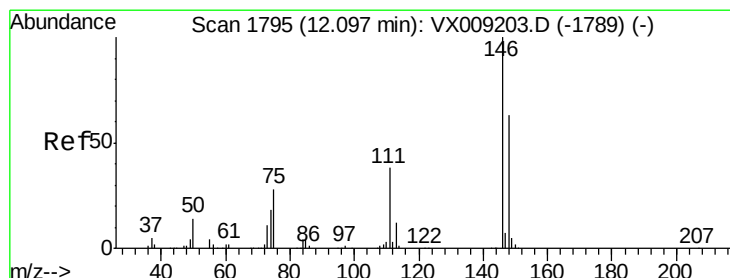
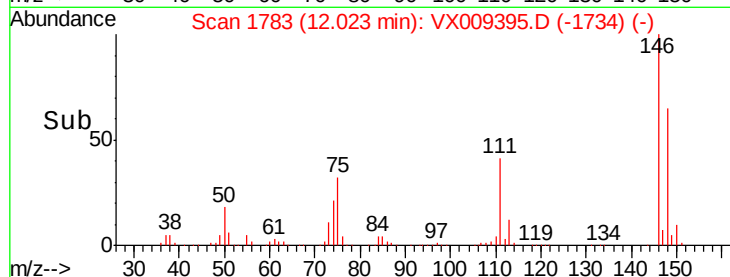
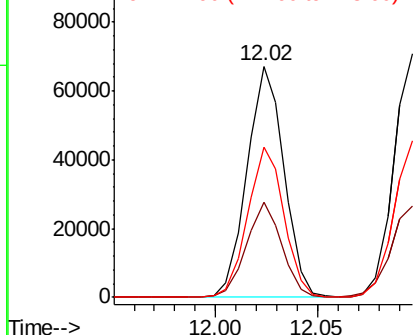
#87
 1,3-Dichlorobenzene
 Concen: 21.671 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

Tot Ion:146 Resp: 84415
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 59.9
 148 63.9 31.8 95.3

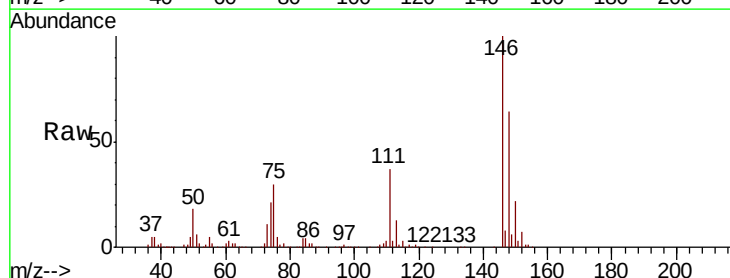


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

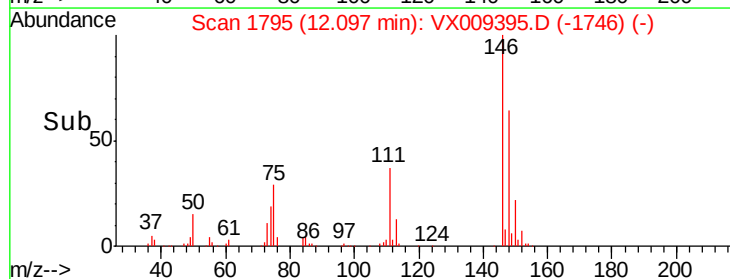
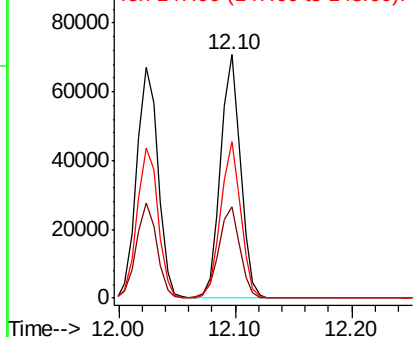


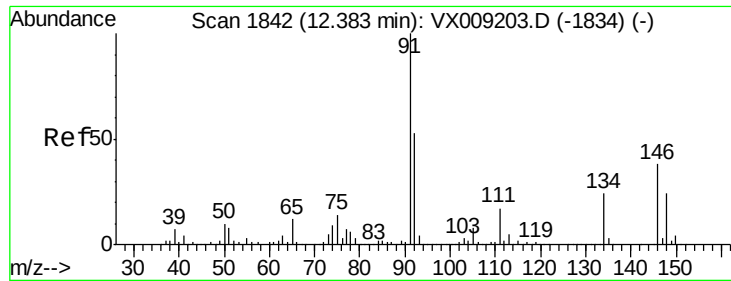
#88
 1,4-Dichlorobenzene
 Concen: 21.420 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Tgt Ion:146 Resp: 84117
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.8
 148 64.4 31.8 95.3



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

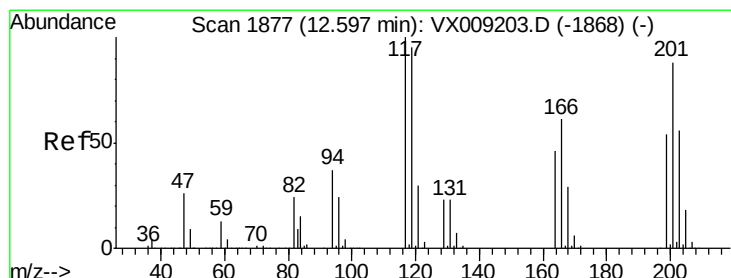
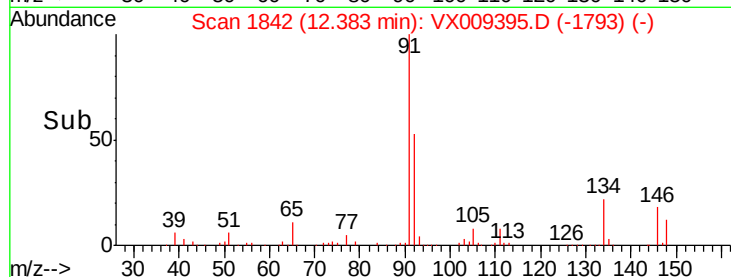
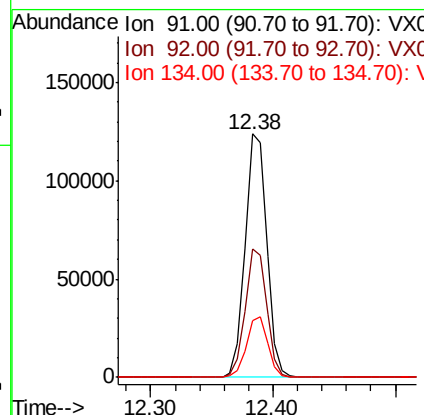
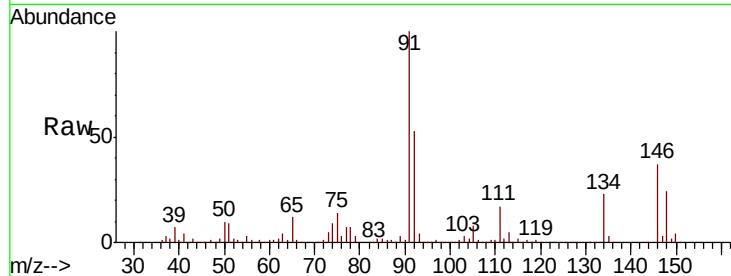




#89
n-Butylbenzene
Concen: 21.704 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

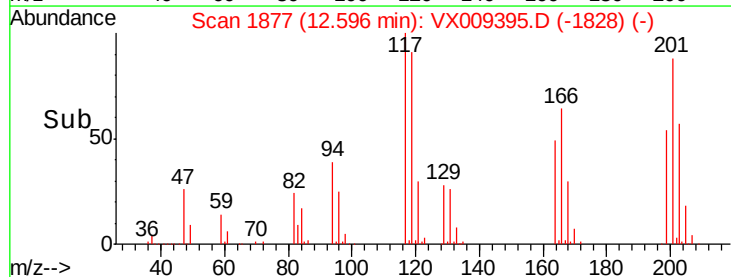
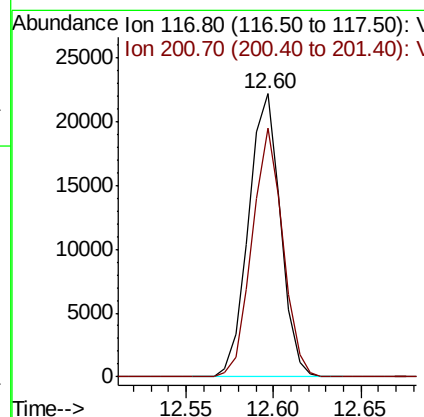
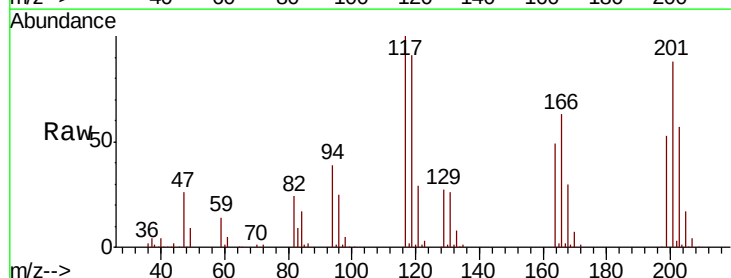
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

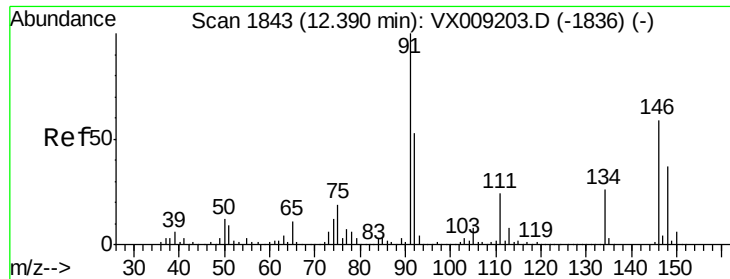
Tot Ion: 91 Resp: 150761
Ion Ratio Lower Upper
91 100
92 52.3 26.5 79.5
134 24.6 12.4 37.2



#90
Hexachloroethane
Concen: 21.496 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

Tgt Ion: 117 Resp: 28146
Ion Ratio Lower Upper
117 100
201 84.6 42.3 126.9

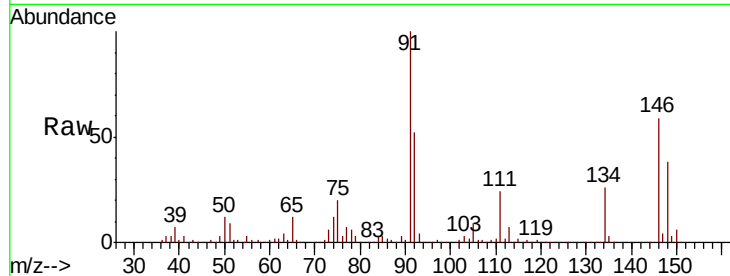




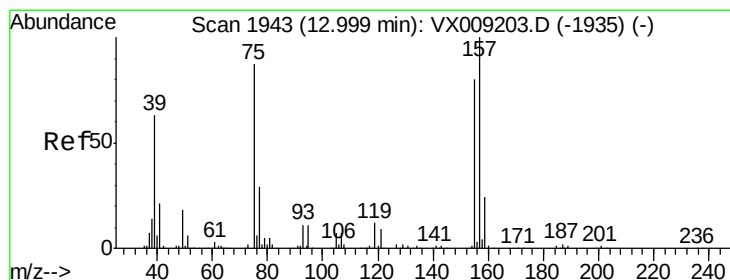
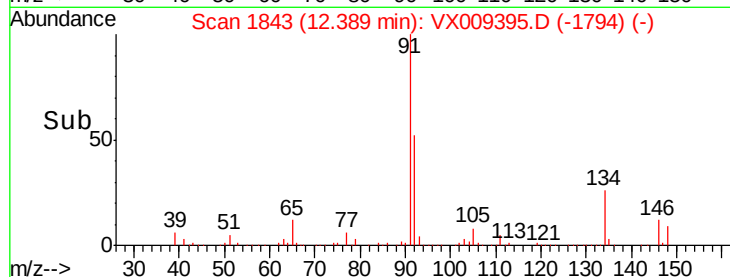
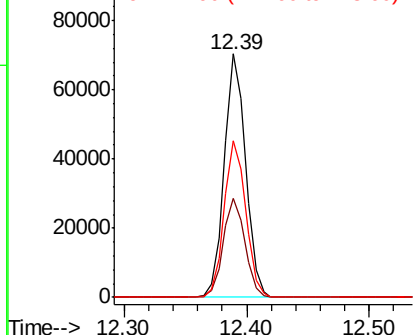
#91
 1,2-Dichlorobenzene
 Concen: 21.400 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

Tot Ion:146 Resp: 84904
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.4
 148 65.2 31.9 95.9

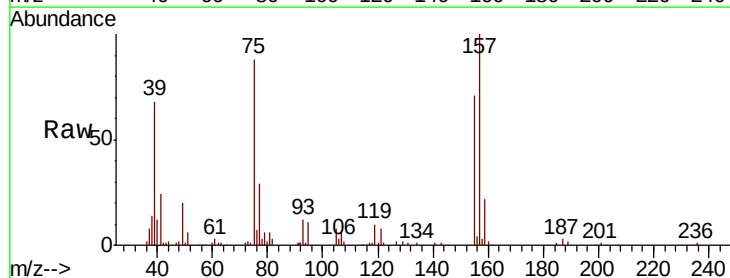


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

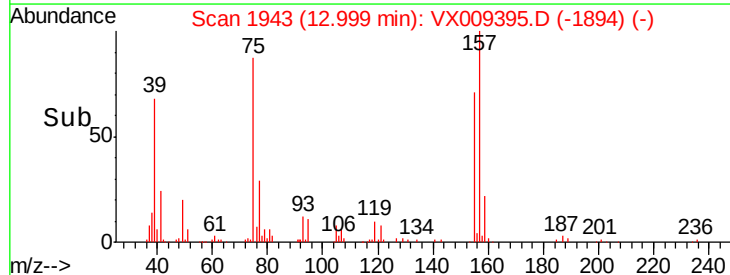
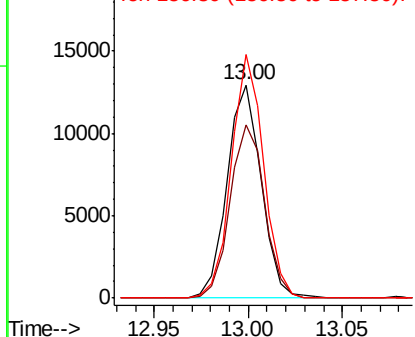


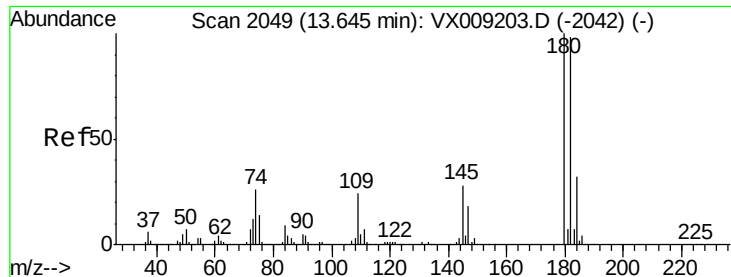
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.015 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Tgt Ion: 75 Resp: 16207
 Ion Ratio Lower Upper
 75 100
 155 82.4 42.0 126.0
 157 108.2 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

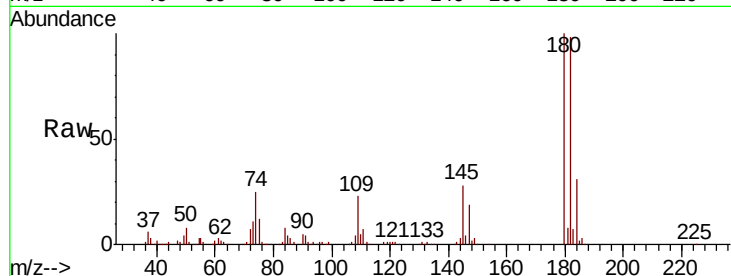




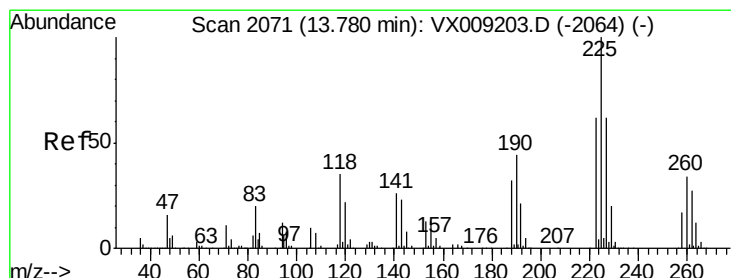
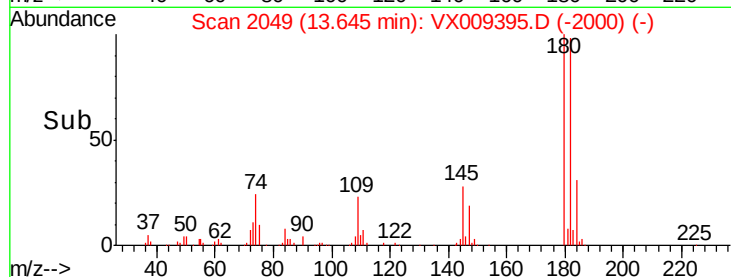
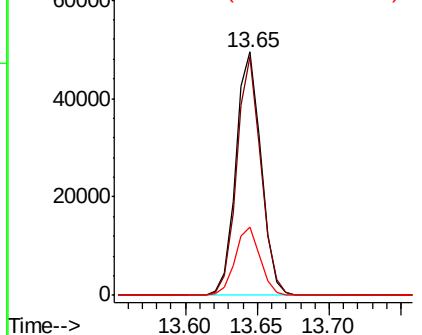
#93
 1,2,4-Trichlorobenzene
 Concen: 22.259 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

Tot Ion:180 Resp: 60391
 Ion Ratio Lower Upper
 180 100
 182 94.2 48.4 145.2
 145 28.0 14.6 43.8

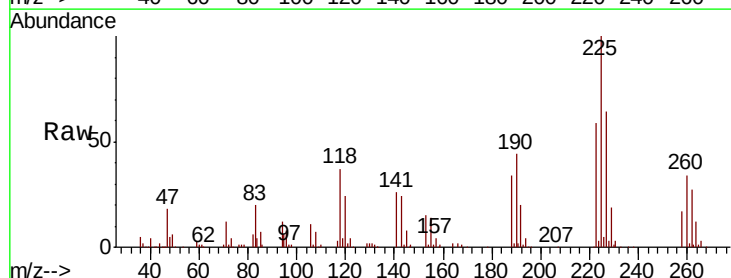


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

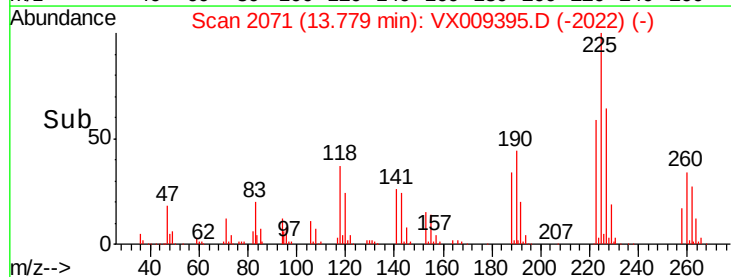
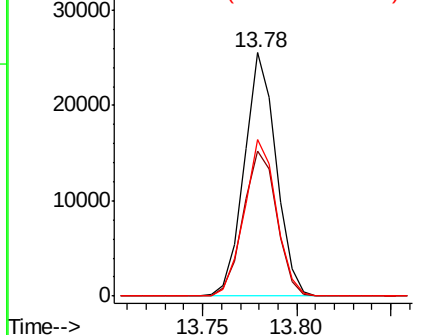


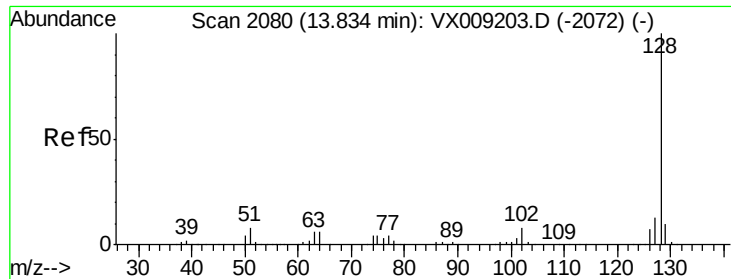
#94
 Hexachlorobutadiene
 Concen: 21.601 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009395.D
 Acq: 08 May 2019 13:59

Tgt Ion:225 Resp: 29927
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.8
 227 64.9 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

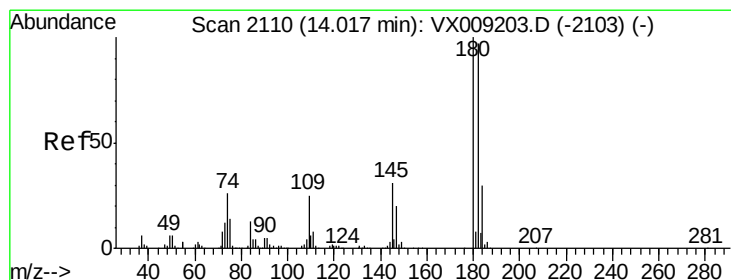
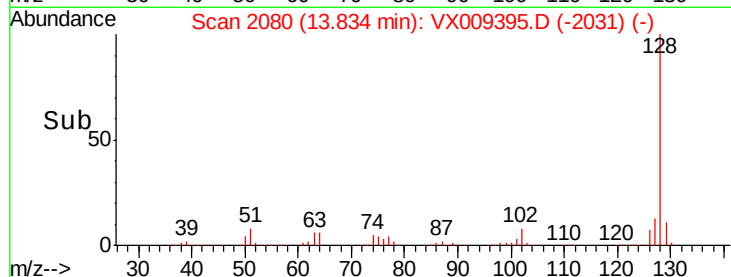
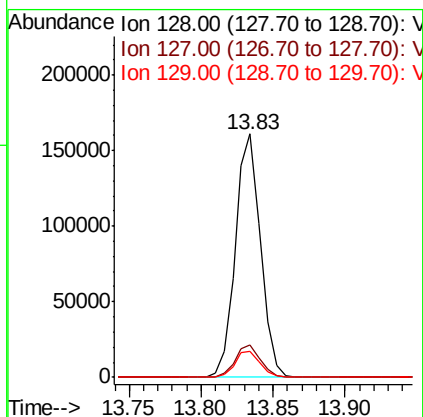
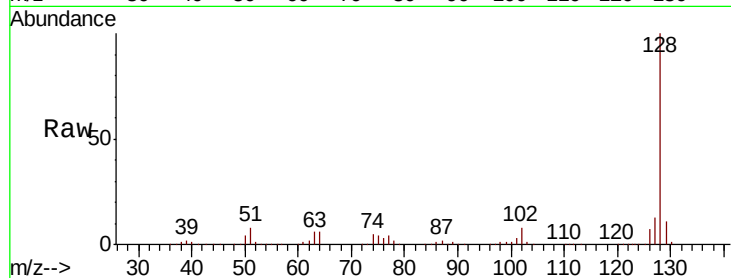




#95
Naphthalene
Concen: 22.273 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS02

Tot Ion:128 Resp: 196601
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.067 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009395.D
Acq: 08 May 2019 13:59

Tgt Ion:180 Resp: 60686
Ion Ratio Lower Upper
180 100
182 97.0 47.8 143.4
145 31.0 15.4 46.4

