

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040819\
 Data File : VX008751.D
 Acq On : 08 Apr 2019 17:35
 Operator : JC/SP
 Sample : K2295-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

Quant Time: Apr 09 06:46:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	165928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	248025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114742	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	125286	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	
35) Dibromofluoromethane	5.50	113	93541	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
50) Toluene-d8	8.72	98	360425	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	127193	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	77382	40.515	ug/l	100
3) Chloromethane	1.32	50	107545	45.803	ug/l	100
4) Vinyl Chloride	1.41	62	110258	42.704	ug/l	98
5) Bromomethane	1.64	94	60567	47.709	ug/l	99
6) Chloroethane	1.71	64	68810	48.722	ug/l	98
7) Trichlorofluoromethane	1.92	101	128060	44.869	ug/l	99
8) Diethyl Ether	2.19	74	63392	46.836	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78055	42.477	ug/l	97
10) Methyl Iodide	2.50	142	75707	45.618	ug/l	99
11) Tert butyl alcohol	3.07	59	155806	274.989	ug/l	100
12) 1,1-Dichloroethene	2.37	96	83019	43.278	ug/l	98
13) Acrolein	2.29	56	99761	355.091	ug/l	99
14) Allyl chloride	2.72	41	206339	46.987	ug/l	98
15) Acrylonitrile	3.15	53	379795	253.029	ug/l	100
16) Acetone	2.45	43	311872	223.734	ug/l	100
17) Carbon Disulfide	2.56	76	244713	44.089	ug/l	99
18) Methyl Acetate	2.78	43	171672	50.780	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	340538	49.709	ug/l	98
20) Methylene Chloride	2.85	84	102217	43.808	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	94620	45.602	ug/l	92
22) Diisopropyl ether	3.86	45	407645	48.162	ug/l	99
23) Vinyl Acetate	3.82	43	1831291	248.710	ug/l	100
24) 1,1-Dichloroethane	3.70	63	200653	47.881	ug/l	99
25) 2-Butanone	4.68	43	571150	259.241	ug/l	100
26) 2,2-Dichloropropane	4.59	77	120737	40.906	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	111828	46.877	ug/l	98
28) Bromochloromethane	5.02	49	87014	49.689	ug/l	99
29) Tetrahydrofuran	5.14	42	382179	261.357	ug/l	100
30) Chloroform	5.21	83	181009	48.360	ug/l	98
31) Cyclohexane	5.58	56	182922	43.746	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	146844	48.549	ug/l	99
36) 1,1-Dichloropropene	5.80	75	136876	43.660	ug/l	99
37) Ethyl Acetate	4.84	43	210896	50.398	ug/l	99
38) Carbon Tetrachloride	5.79	117	120392	46.398	ug/l	97

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 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159798	41.261	ug/l	98
40) Benzene	6.14	78	427352	45.756	ug/l	100
41) Methacrylonitrile	5.05	41	118774	49.379	ug/l	99
42) 1,2-Dichloroethane	6.20	62	154540	46.155	ug/l	99
43) Isopropyl Acetate	6.45	43	323385	49.332	ug/l	100
44) Trichloroethene	7.21	130	97890	45.001	ug/l	99
45) 1,2-Dichloropropane	7.52	63	123907	46.481	ug/l	97
46) Dibromomethane	7.66	93	69916	45.221	ug/l	99
47) Bromodichloromethane	7.90	83	139567	47.876	ug/l	99
48) Methyl methacrylate	7.77	41	163028	49.164	ug/l	99
49) 1,4-Dioxane	7.74	88	61418	988.737	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1067291	252.921	ug/l	100
52) Toluene	8.79	92	249702	45.349	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	157394	48.199	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	174716	46.825	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	104079	47.089	ug/l	99
56) Ethyl methacrylate	9.18	69	192263	48.077	ug/l	100
57) 1,3-Dichloropropane	9.37	76	185957	46.854	ug/l	99
59) 2-Hexanone	9.49	43	822317	250.748	ug/l	100
60) Dibromochloromethane	9.59	129	102093	49.018	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107712	46.812	ug/l	98
64) Tetrachloroethene	9.34	164	88657	48.246	ug/l	98
65) Chlorobenzene	10.14	112	251061	45.665	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	94047	48.760	ug/l	99
67) Ethyl Benzene	10.25	91	468708	45.719	ug/l	100
68) m/p-Xylenes	10.36	106	340746	92.441	ug/l	98
69) o-Xylene	10.70	106	166297	46.553	ug/l	98
70) Stvrene	10.71	104	289958	47.089	ug/l	99
71) Bromoform	10.86	173	75127	50.999	ug/l #	98
73) Isopropylbenzene	11.02	105	437275	45.985	ug/l	99
74) N-amyl acetate	10.90	43	270400	48.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	171960	47.550	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	201184	63.826	ug/l	79
77) Bromobenzene	11.26	156	106749	46.697	ug/l	99
78) n-propylbenzene	11.36	91	506028	45.703	ug/l	100
79) 2-Chlorotoluene	11.42	91	301112	44.940	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	367520	46.044	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56036	49.005	ug/l	99
82) 4-Chlorotoluene	11.51	91	346498	44.676	ug/l	99
83) tert-Butylbenzene	11.77	119	360587	46.956	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	370866	45.886	ug/l	99
85) sec-Butylbenzene	11.94	105	416564	45.668	ug/l	99
86) p-Isopropyltoluene	12.07	119	375926	45.917	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	184272	45.028	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183662	44.320	ug/l	99
89) n-Butylbenzene	12.39	91	343524	44.742	ug/l	100
90) Hexachloroethane	12.60	117	63430	46.712	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	184501	45.407	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40450	50.846	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	128279	45.406	ug/l	99

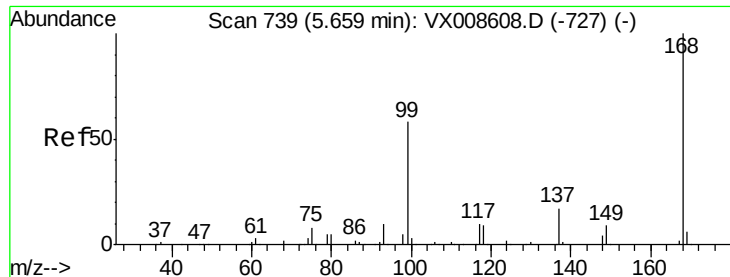
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	60530	44.675	ug/l	100
95) Naphthalene	13.83	128	463134	49.049	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131416	46.557	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

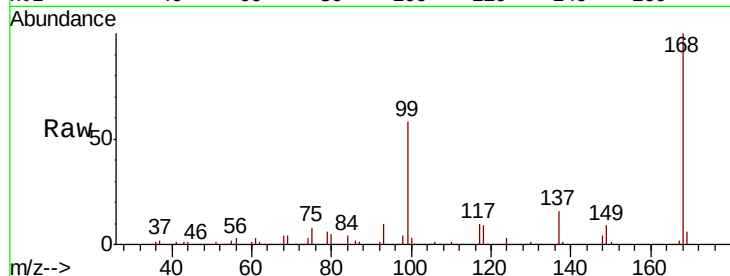
ST008MW214-190403MSD

Tot Ion:168 Resp: 165928

Ion Ratio Lower Upper

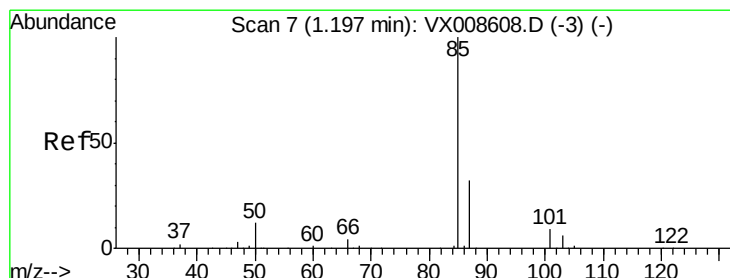
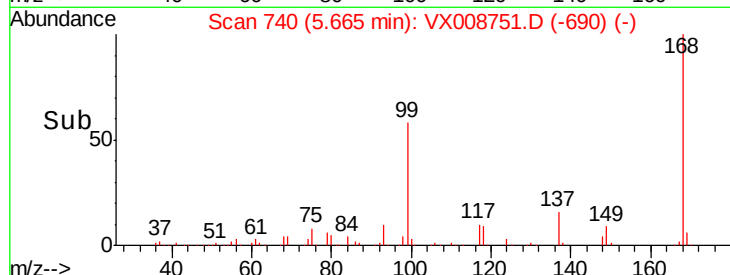
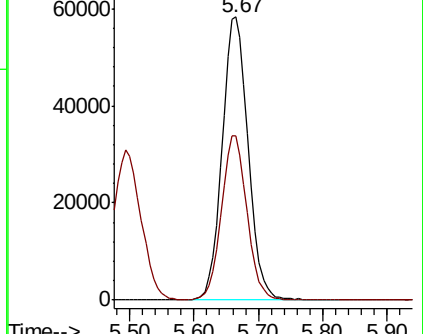
168 100

99 57.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 40.515 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008751.D

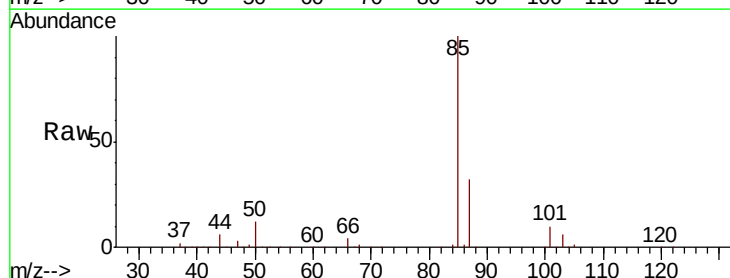
Acq: 08 Apr 2019 17:35

Tgt Ion: 85 Resp: 77382

Ion Ratio Lower Upper

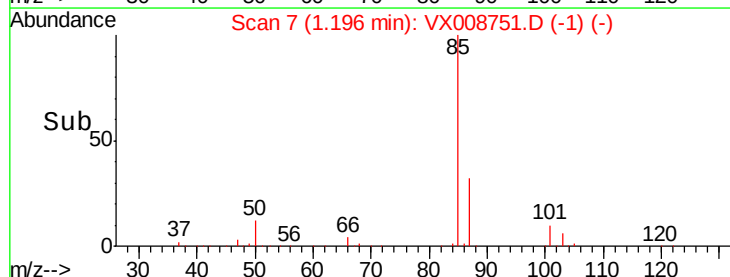
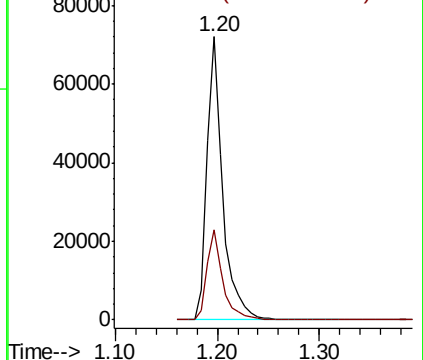
85 100

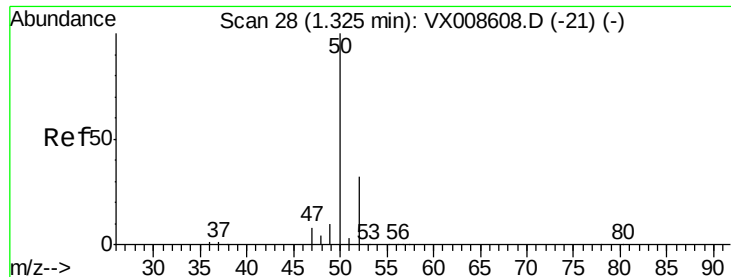
87 31.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.803 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

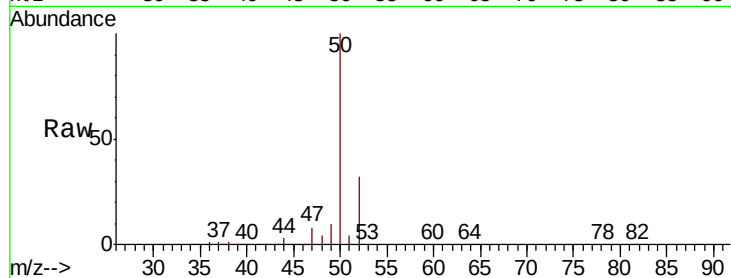
ST008MW214-190403MSD

Tot Ion: 50 Resp: 107545

Ion Ratio Lower Upper

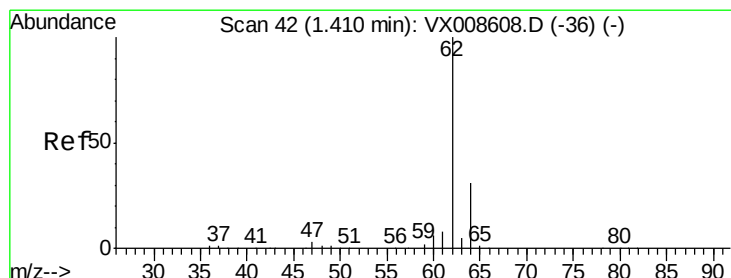
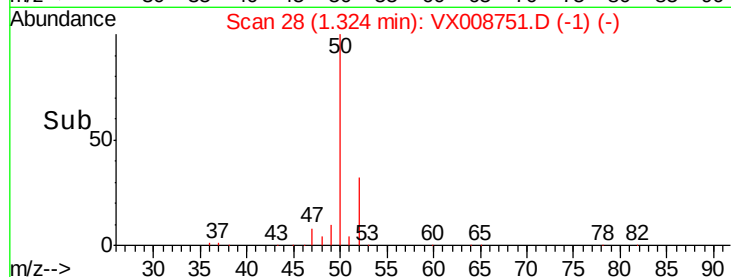
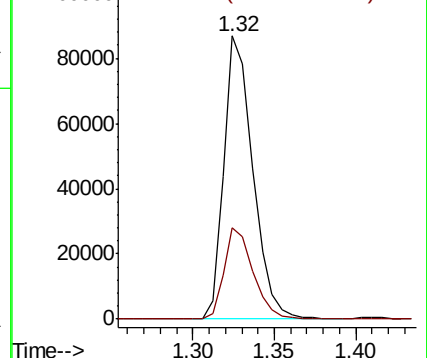
50 100

52 32.4 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.704 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008751.D

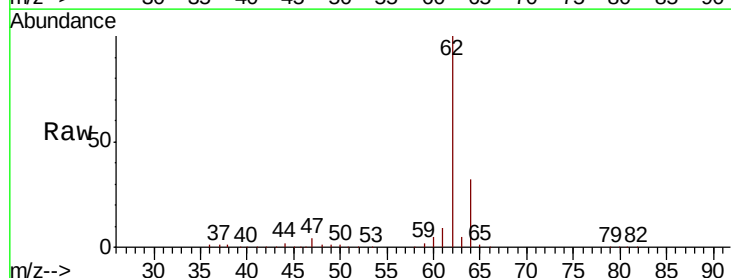
Acq: 08 Apr 2019 17:35

Tgt Ion: 62 Resp: 110258

Ion Ratio Lower Upper

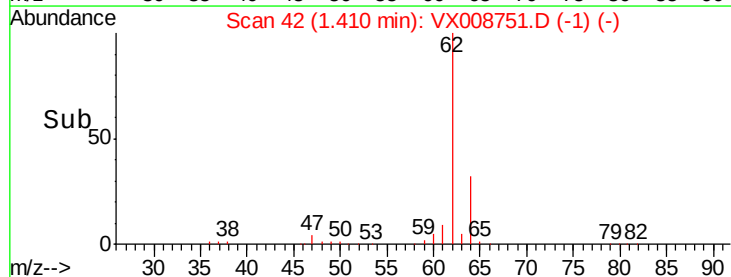
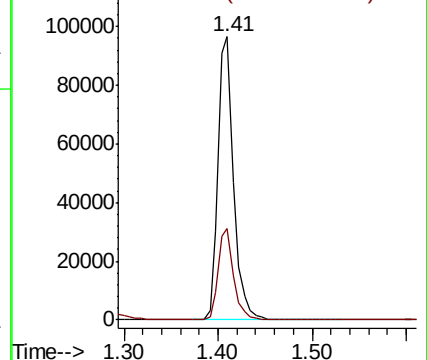
62 100

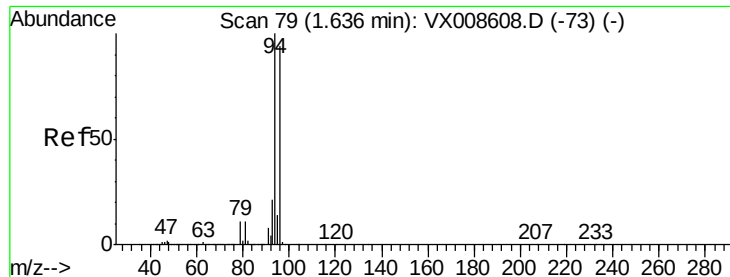
64 32.0 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.709 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

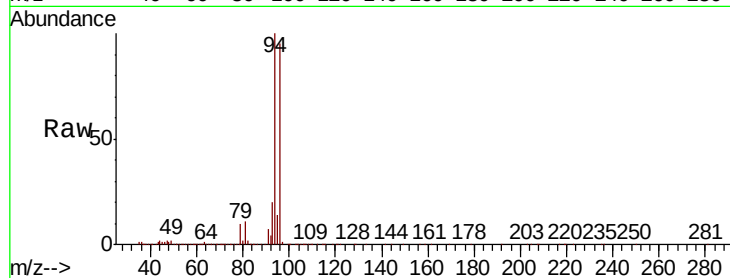
ST008MW214-190403MSD

Tot Ion: 94 Resp: 60567

Ion Ratio Lower Upper

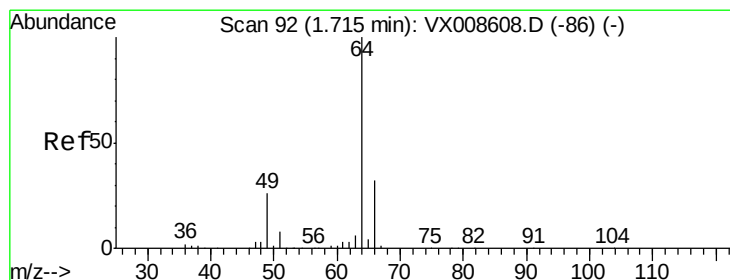
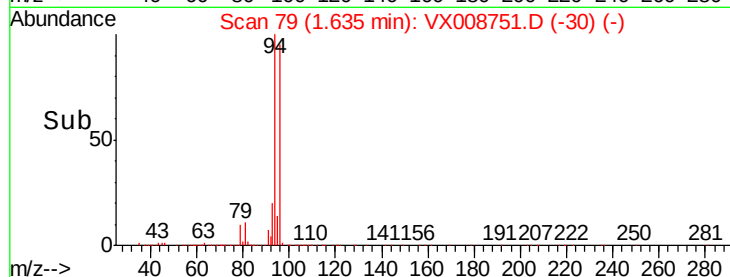
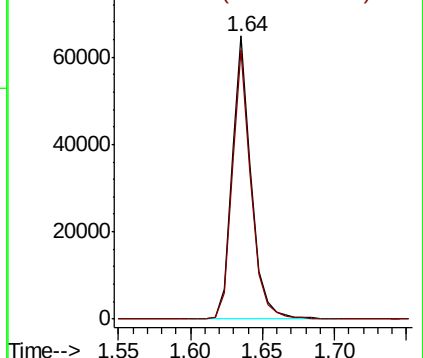
94 100

96 95.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.722 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008751.D

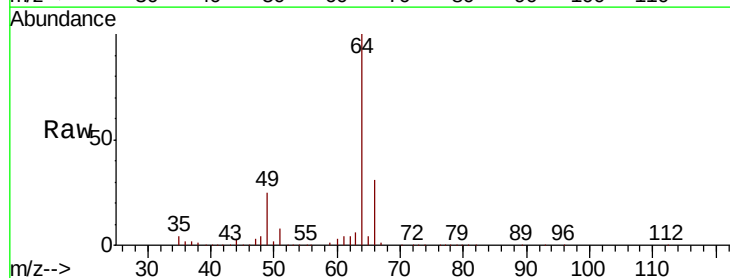
Acq: 08 Apr 2019 17:35

Tgt Ion: 64 Resp: 68810

Ion Ratio Lower Upper

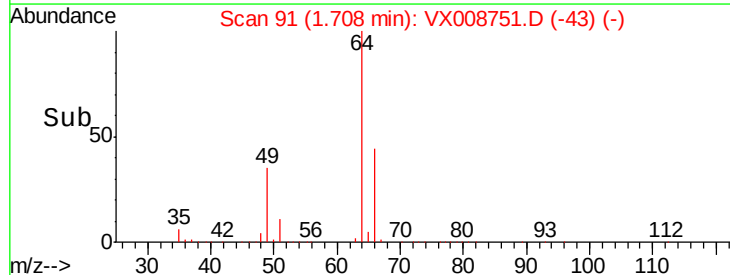
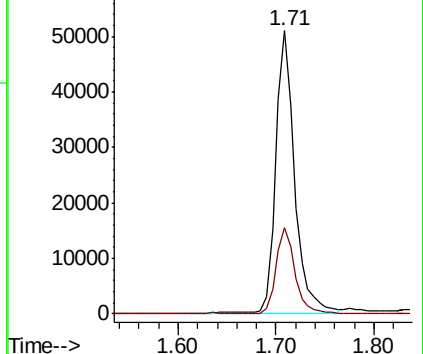
64 100

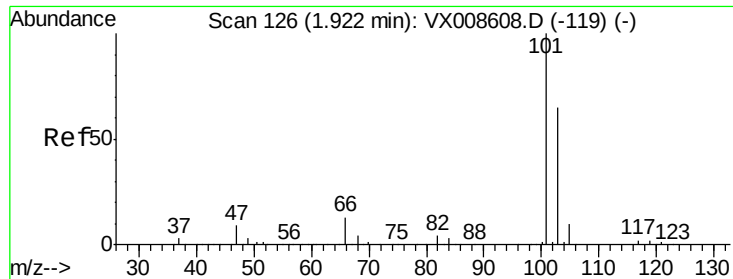
66 30.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



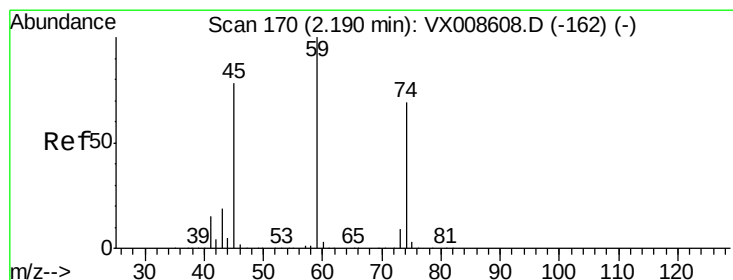
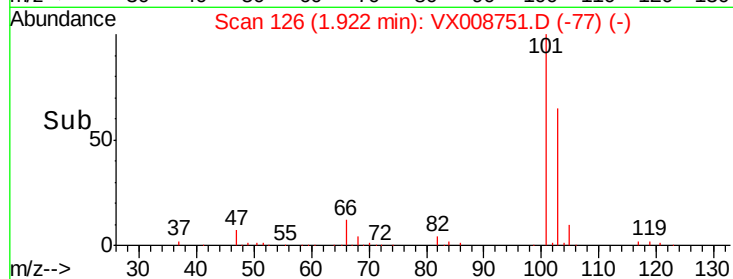
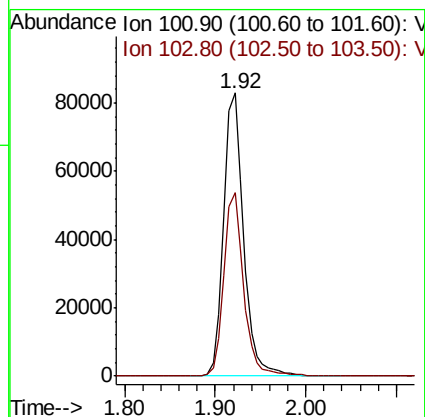
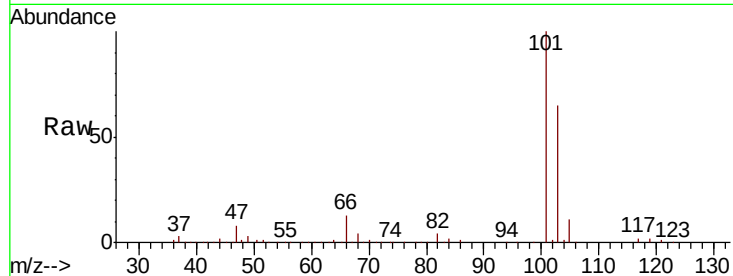


#7

Trichlorofluoromethane
 Concen: 44.869 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

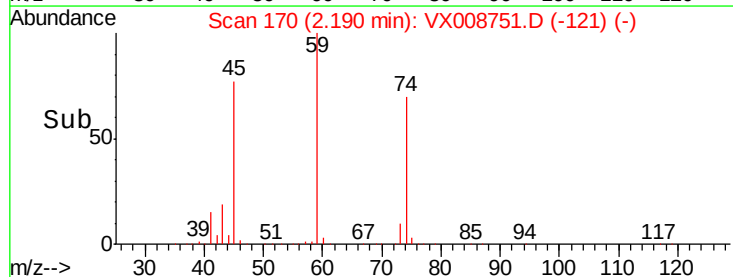
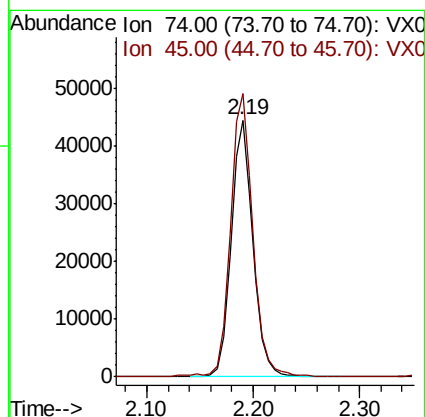
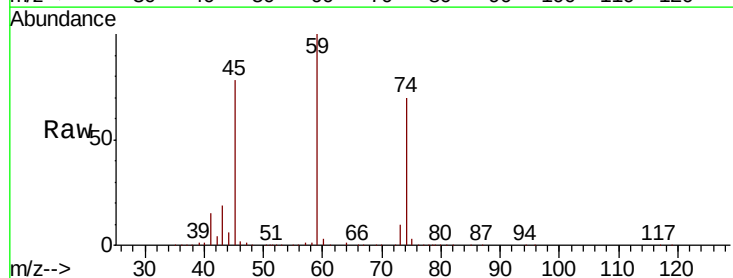
Tot Ion:101 Resp: 128060
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.3 78.5

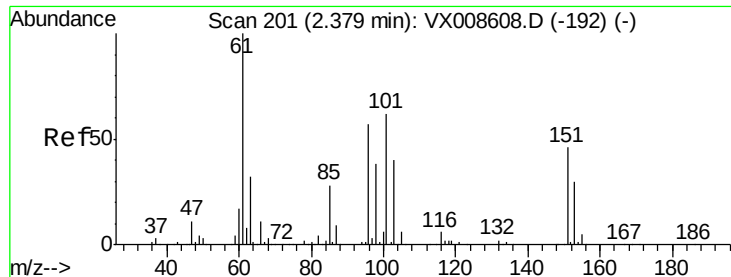


#8

Diethyl Ether
 Concen: 46.836 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion: 74 Resp: 63392
 Ion Ratio Lower Upper
 74 100
 45 112.7 56.5 169.5

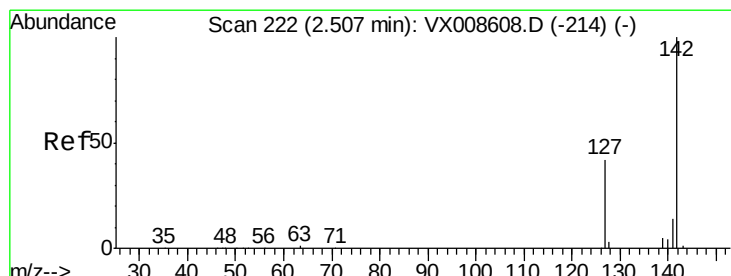
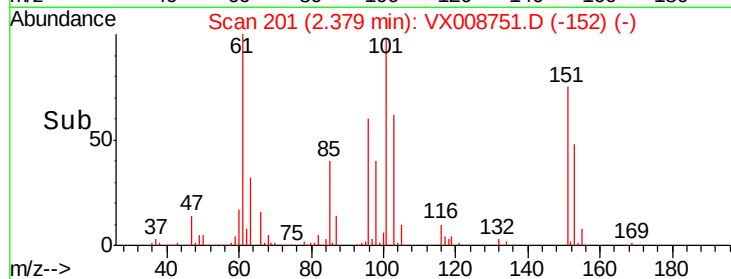
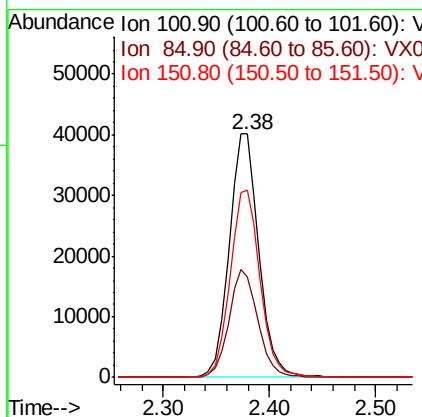
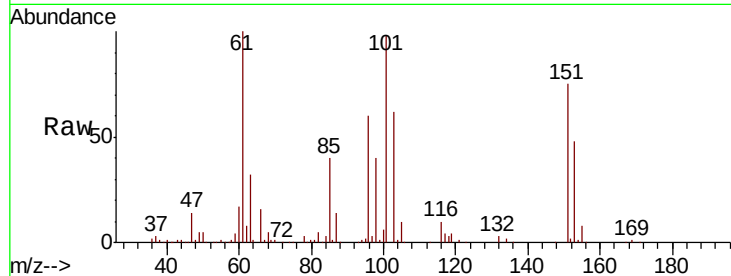




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 42.477 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

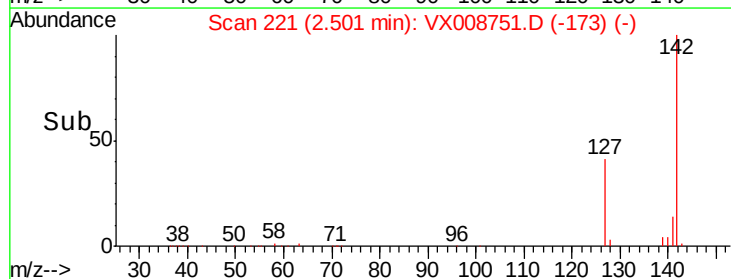
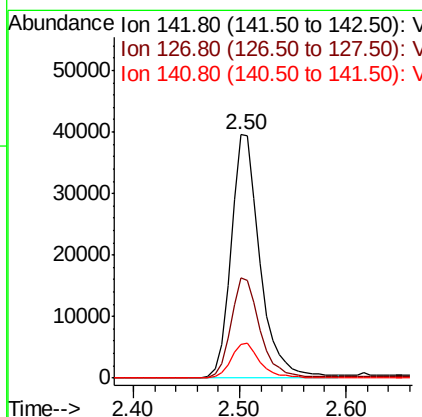
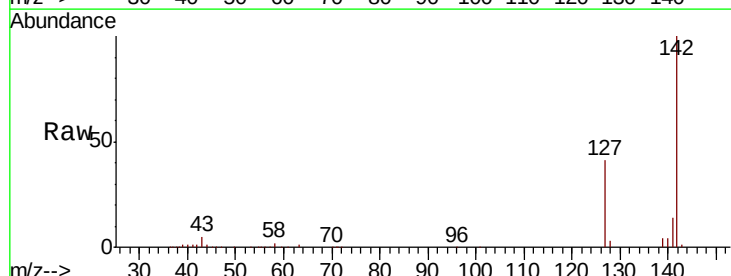
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

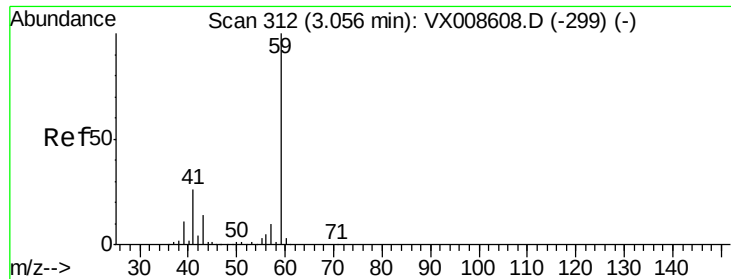
Tot Ion:101 Resp: 78055
 Ion Ratio Lower Upper
 101 100
 85 43.5 36.0 54.0
 151 77.9 59.9 89.9



#10
 Methyl Iodide
 Concen: 45.618 ug/l
 RT: 2.50 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion:142 Resp: 75707
 Ion Ratio Lower Upper
 142 100
 127 41.7 33.0 49.6
 141 14.4 11.4 17.2



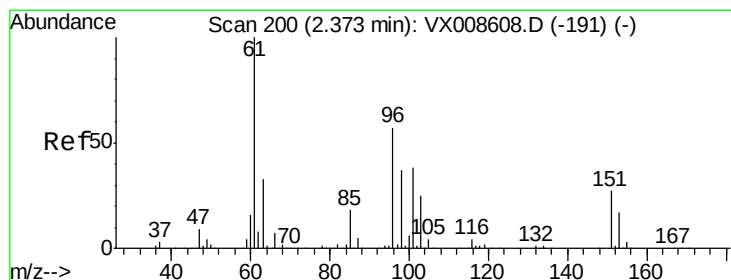
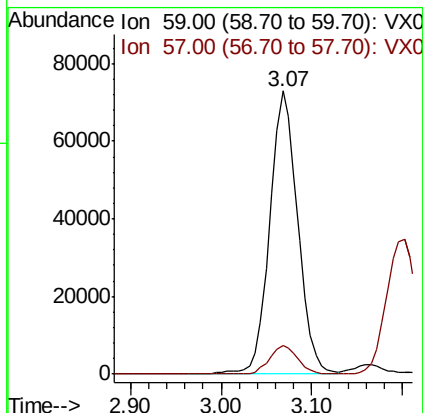
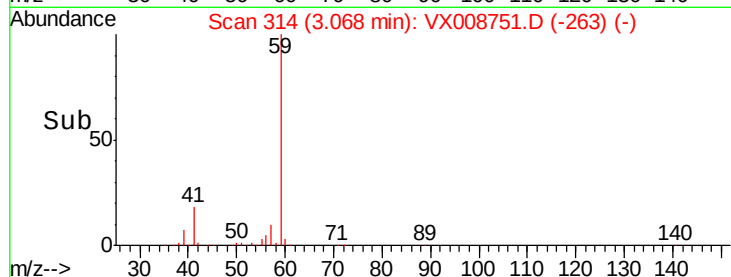
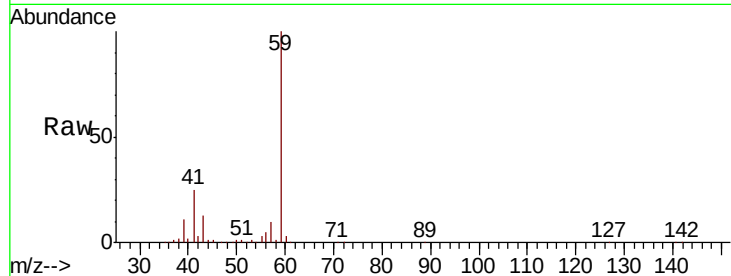


#11

Tert butyl alcohol
Concen: 274.989 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

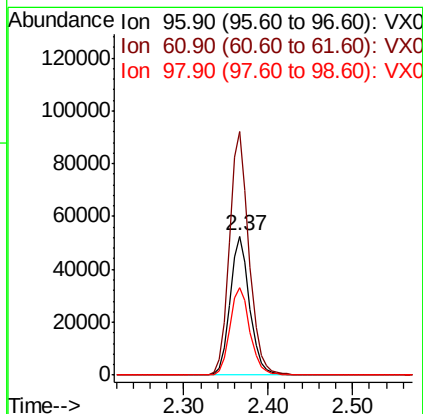
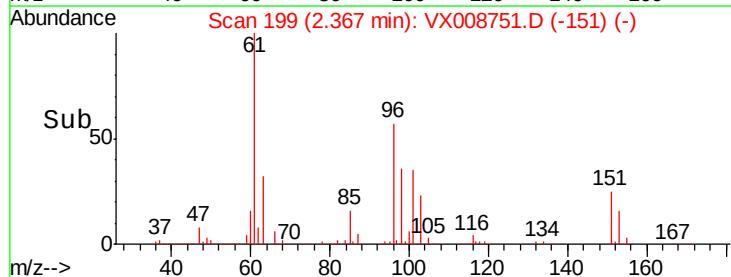
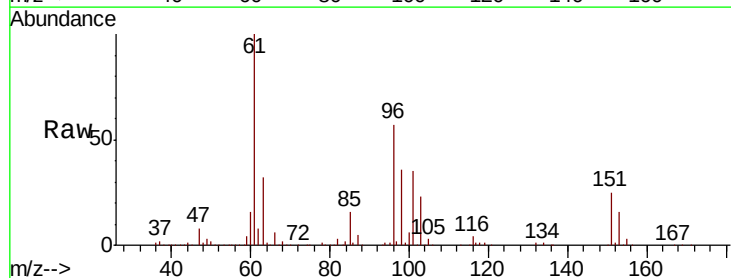
Tot Ion: 59 Resp: 155806
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

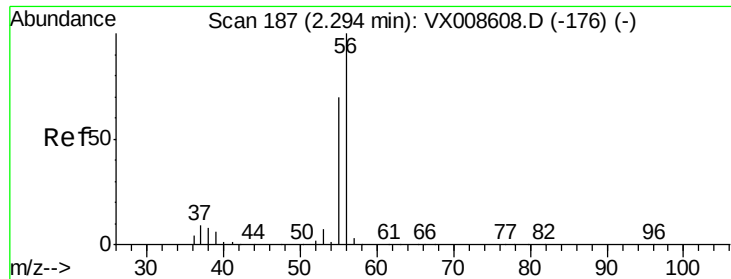


#12

1,1-Dichloroethene
Concen: 43.278 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion: 96 Resp: 83019
Ion Ratio Lower Upper
96 100
61 174.9 140.9 211.3
98 62.4 52.1 78.1





#13

Acrolein

Concen: 355.091 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

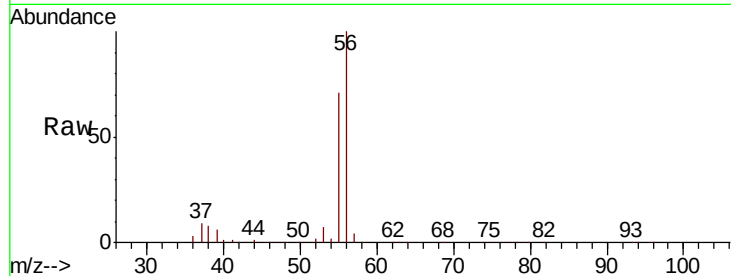
ST008MW214-190403MSD

Tot Ion: 56 Resp: 99761

Ion Ratio Lower Upper

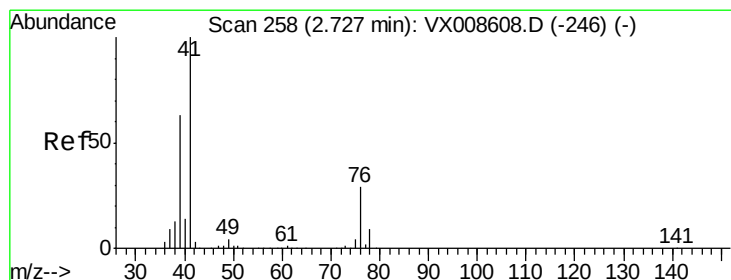
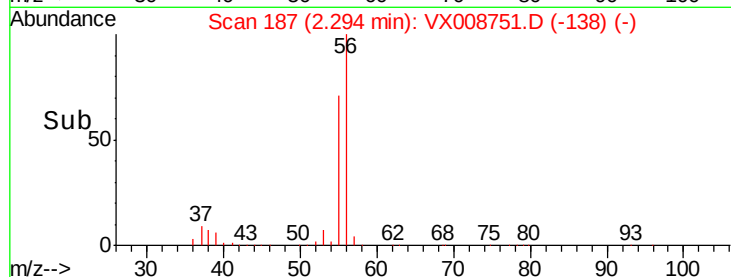
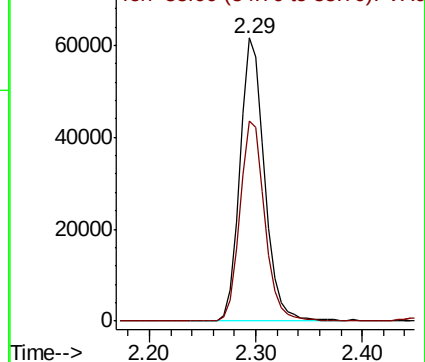
56 100

55 71.6 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.987 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

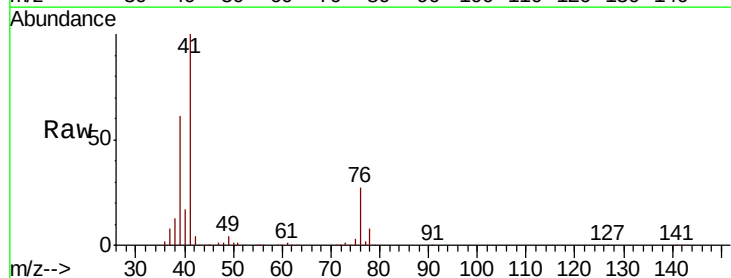
Tgt Ion: 41 Resp: 206339

Ion Ratio Lower Upper

41 100

39 58.2 48.0 72.0

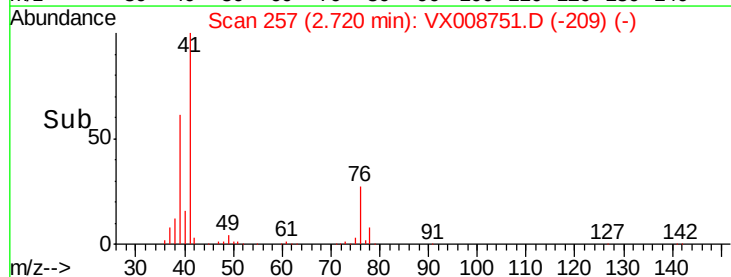
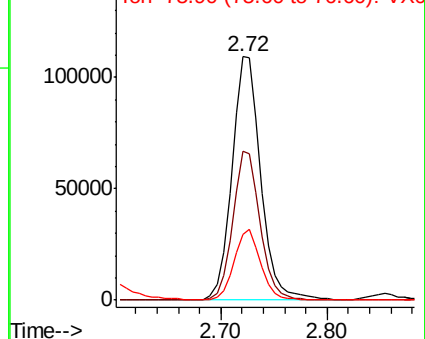
76 27.1 22.0 33.0

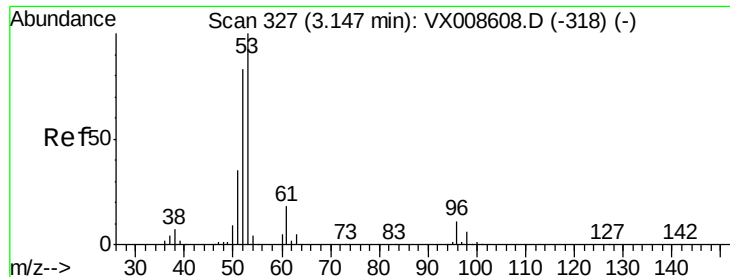


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 253.029 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

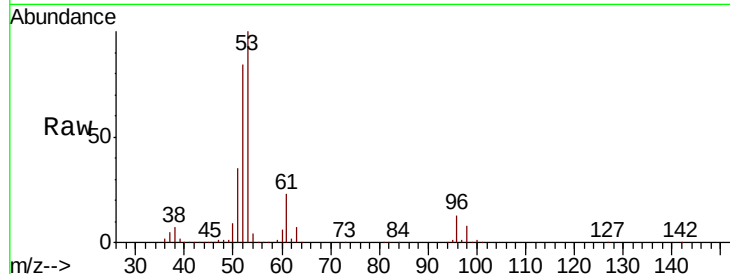
Tot Ion: 53 Resp: 379795

Ion Ratio Lower Upper

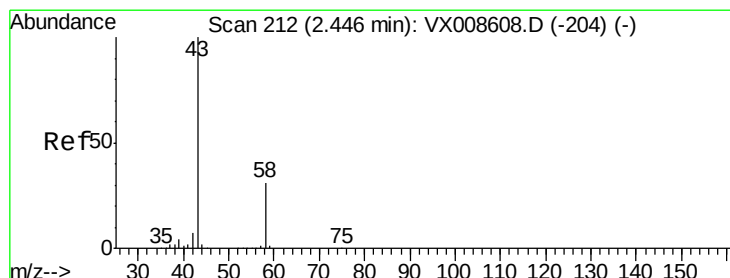
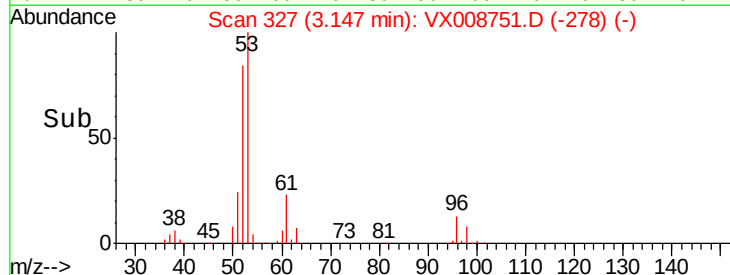
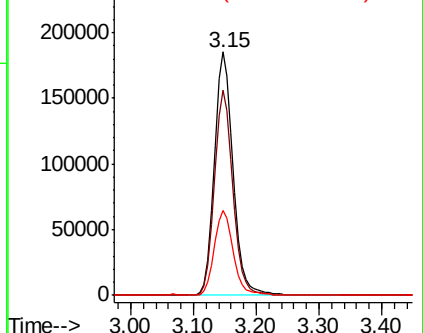
53 100

52 83.6 66.5 99.7

51 35.5 28.6 42.8



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



#16

Acetone

Concen: 223.734 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008751.D

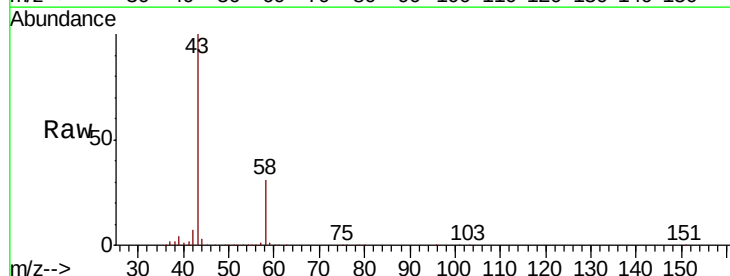
Acq: 08 Apr 2019 17:35

Tgt Ion: 43 Resp: 311872

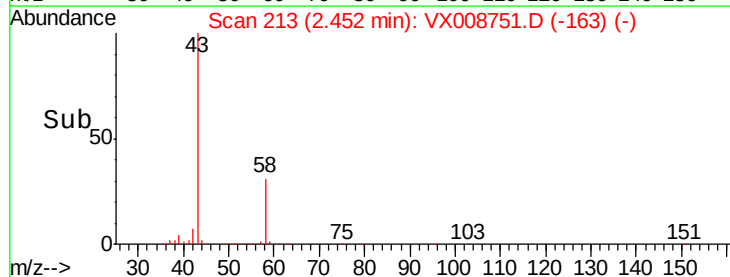
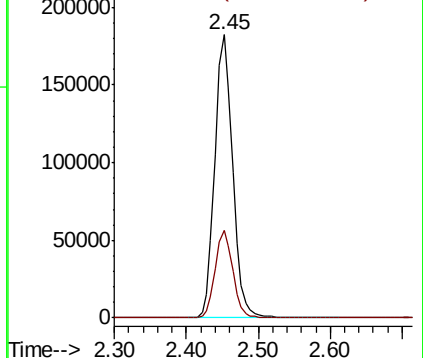
Ion Ratio Lower Upper

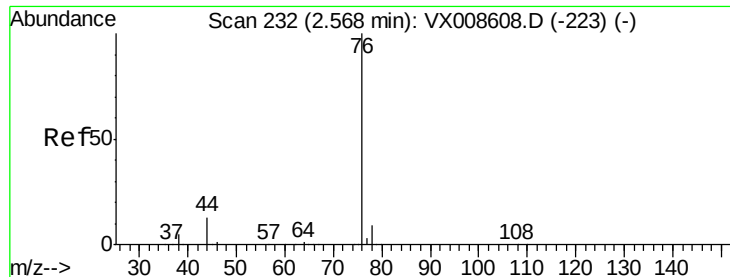
43 100

58 30.8 24.8 37.2



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





#17

Carbon Disulfide

Concen: 44.089 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

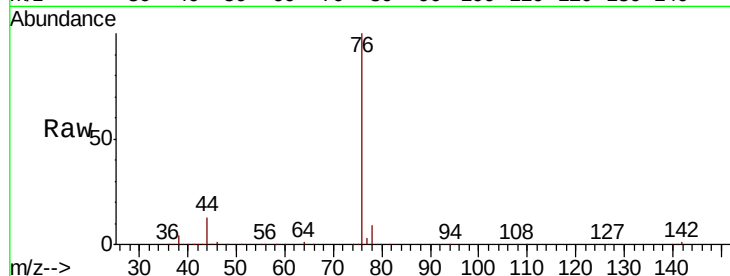
ST008MW214-190403MSD

Tot Ion: 76 Resp: 244713

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

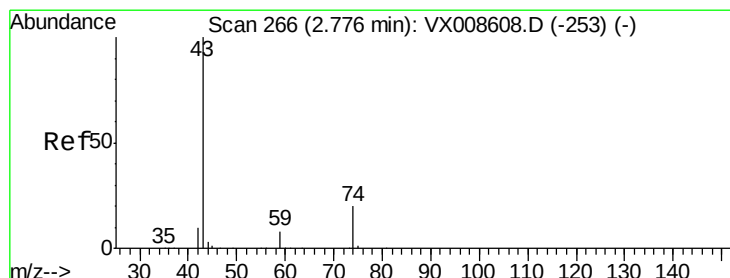
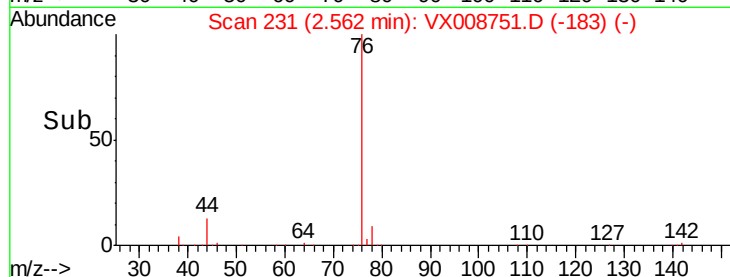
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.780 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008751.D

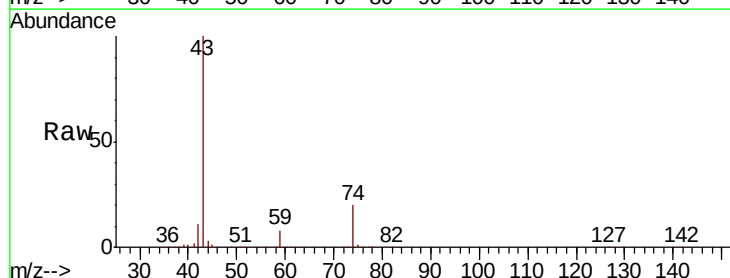
Acq: 08 Apr 2019 17:35

Tgt Ion: 43 Resp: 171672

Ion Ratio Lower Upper

43 100

74 20.0 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

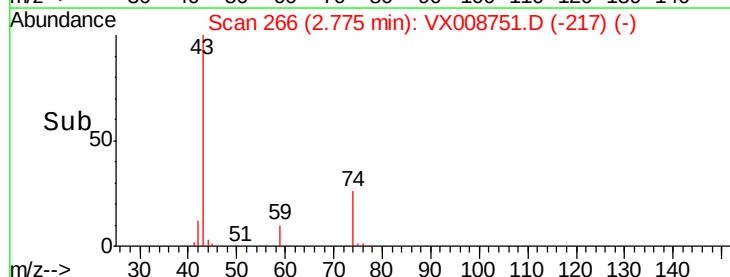
60000

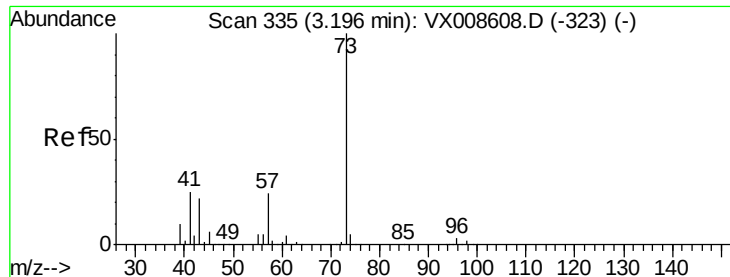
40000

20000

0

Time-->

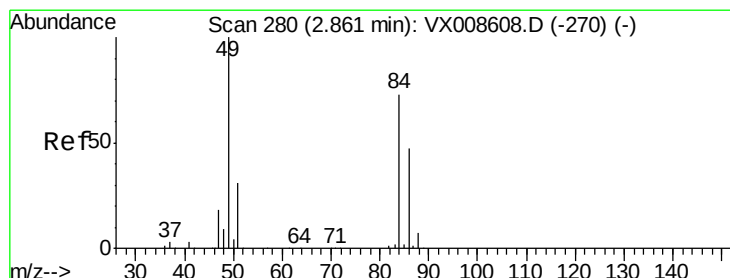
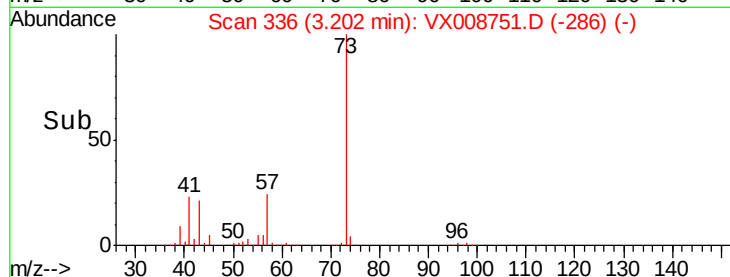
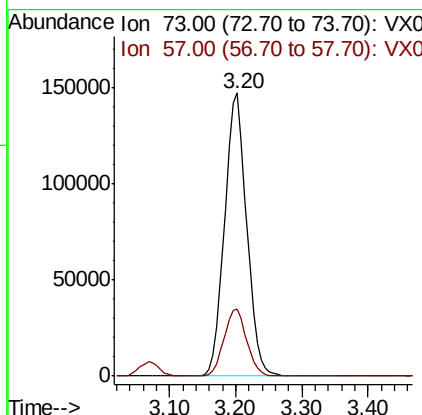
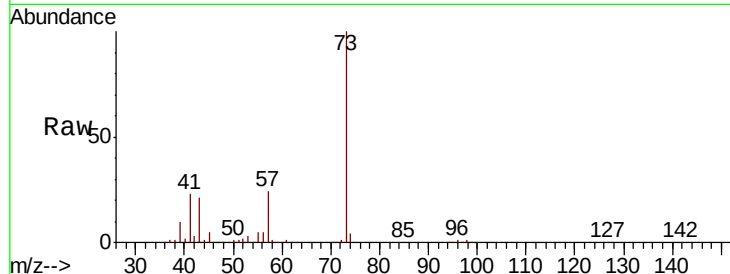




#19
Methyl tert-butyl Ether
Concen: 49.709 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

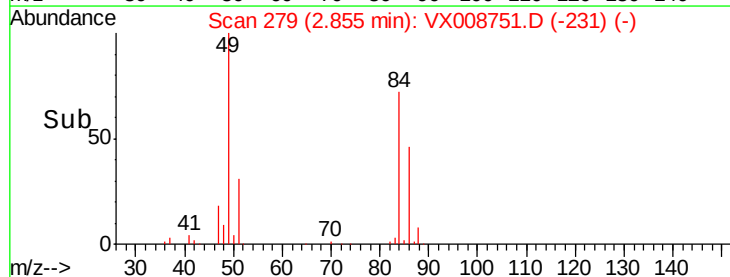
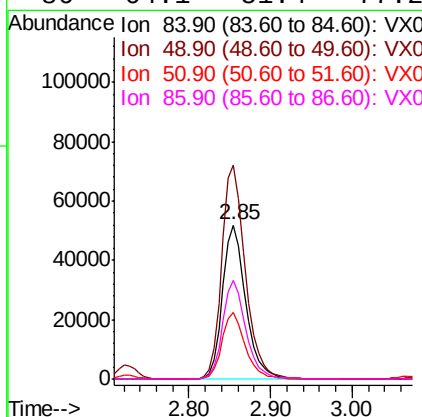
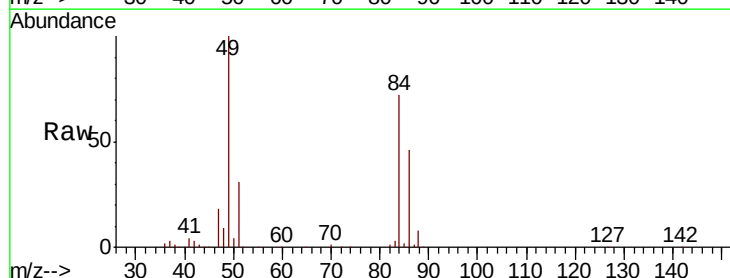
Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

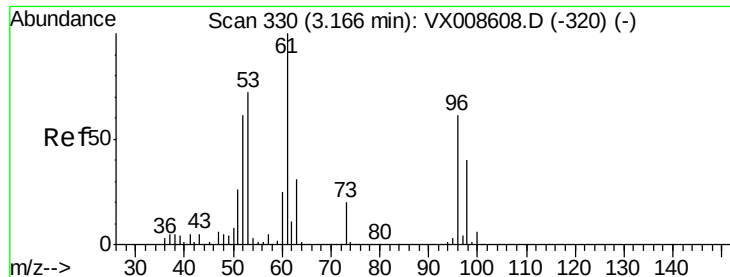
Tot Ion: 73 Resp: 340538
Ion Ratio Lower Upper
73 100
57 23.6 19.5 29.3



#20
Methylene Chloride
Concen: 43.808 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion: 84 Resp: 102217
Ion Ratio Lower Upper
84 100
49 138.5 109.7 164.5
51 43.0 33.6 50.4
86 64.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 45.602 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

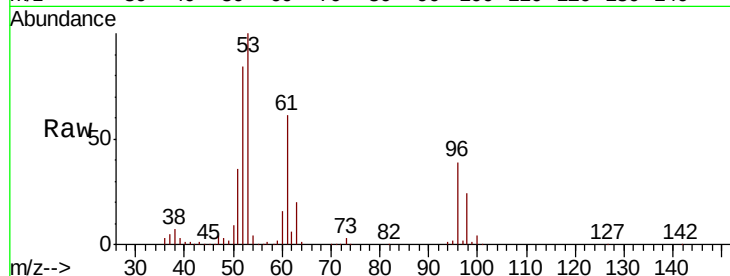
Tot Ion: 96 Resp: 94620

Ion Ratio Lower Upper

96 100

61 153.7 132.1 198.1

98 61.1 52.2 78.2

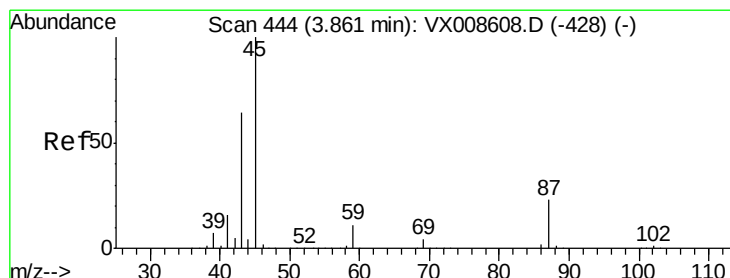
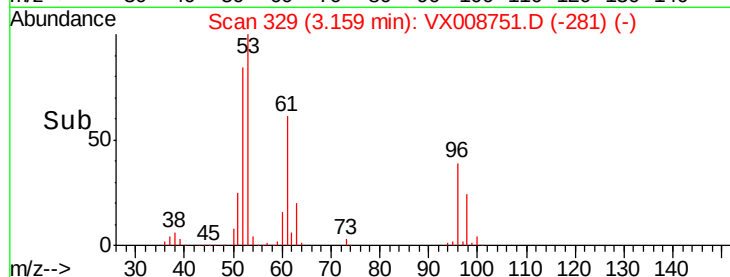
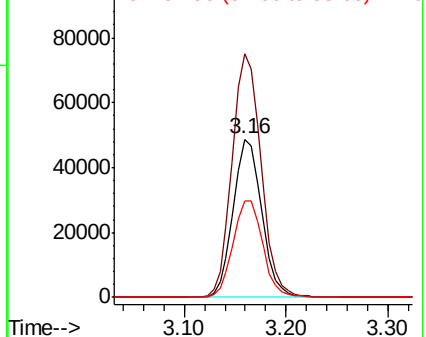


Abundance

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: 48.162 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Tgt Ion: 45 Resp: 407645

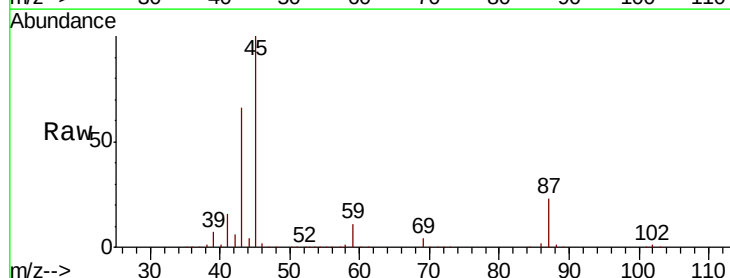
Ion Ratio Lower Upper

45 100

43 65.8 51.3 76.9

87 22.6 18.1 27.1

59 10.8 8.6 13.0



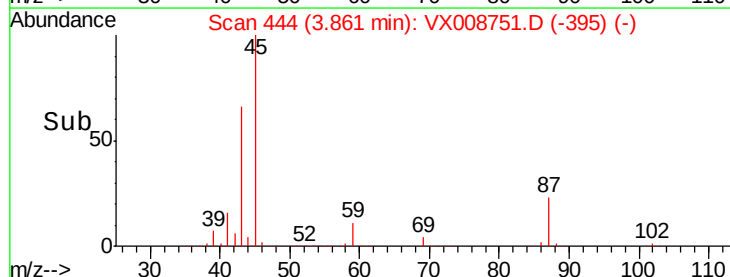
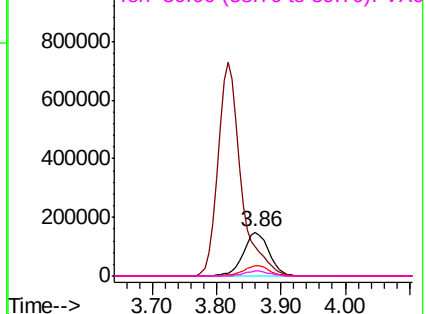
Abundance

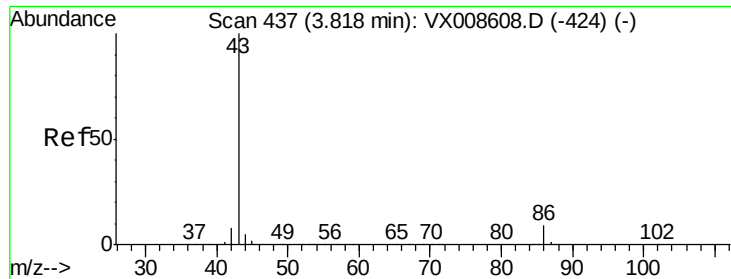
Ion 45.00 (44.70 to 45.70): VX0

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: 248.710 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

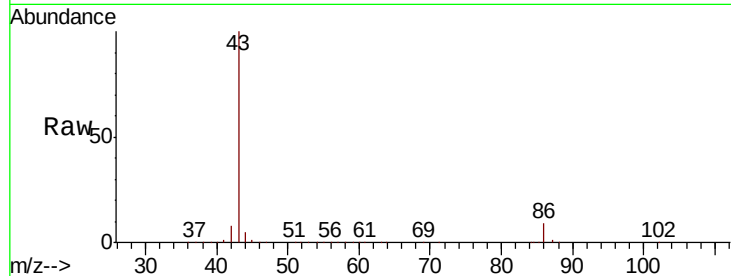
ST008MW214-190403MSD

Tot Ion: 43 Resp: 1831291

Ion Ratio Lower Upper

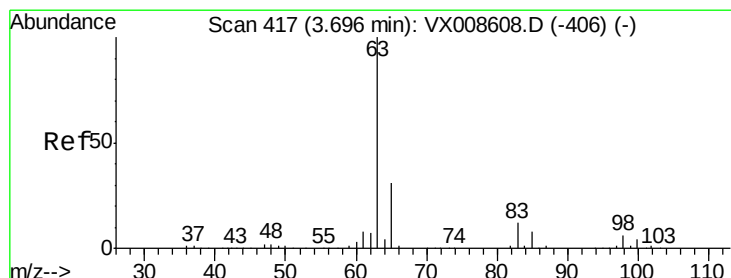
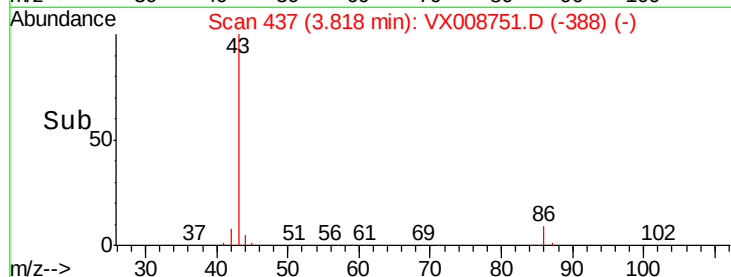
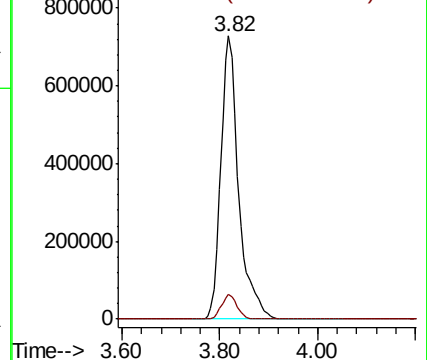
43 100

86 8.6 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.881 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

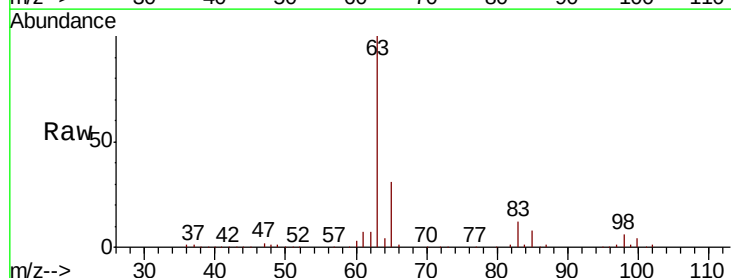
Tgt Ion: 63 Resp: 200653

Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

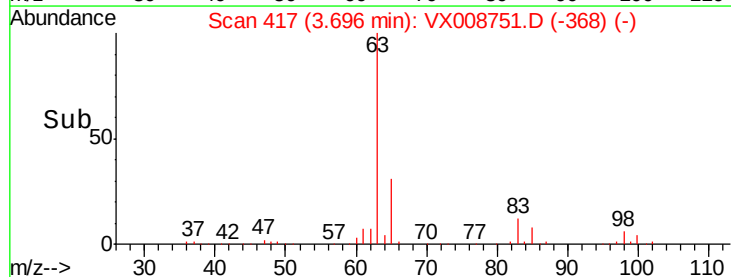
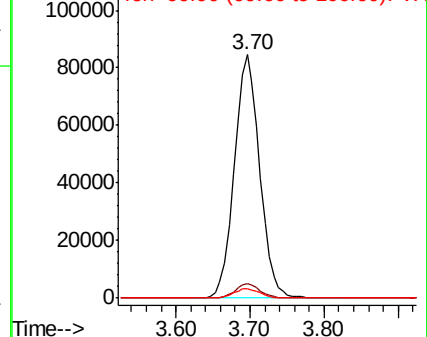
100 3.8 1.8 5.5

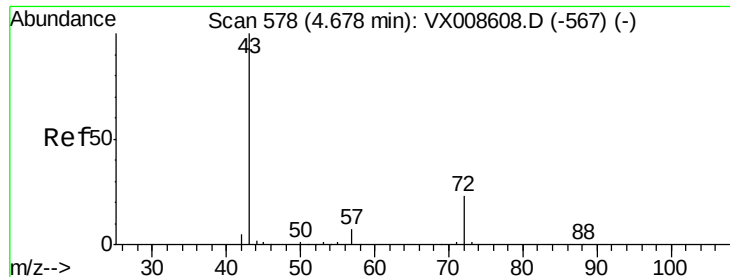


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 259.241 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

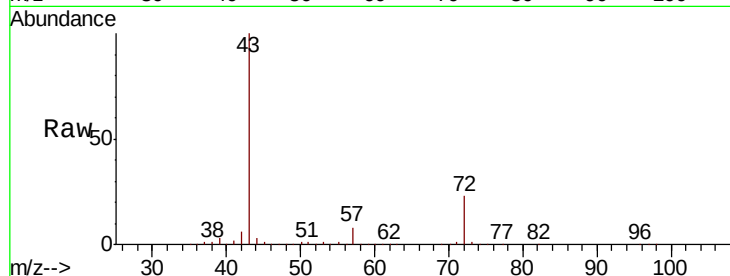
ST008MW214-190403MSD

Tot Ion: 43 Resp: 571150

Ion Ratio Lower Upper

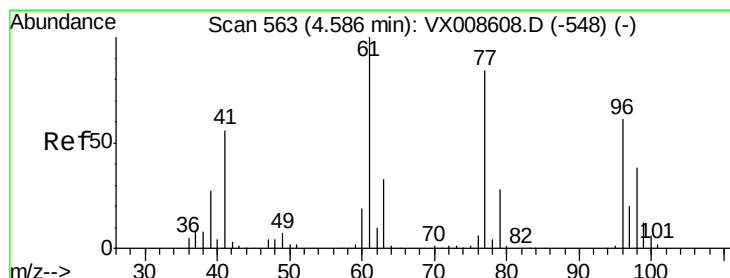
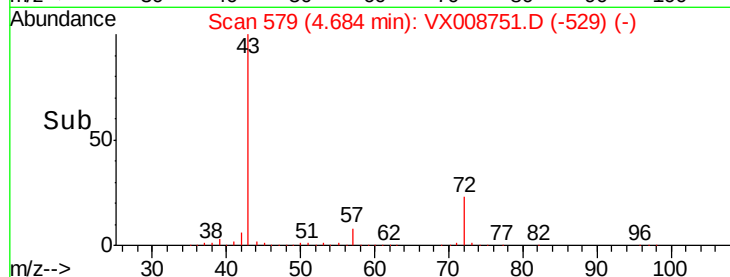
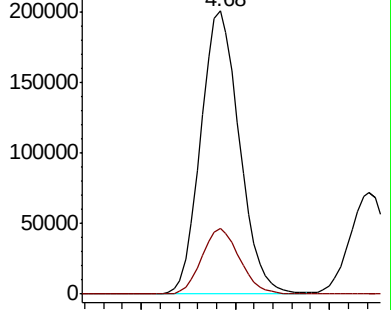
43 100

72 23.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.906 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008751.D

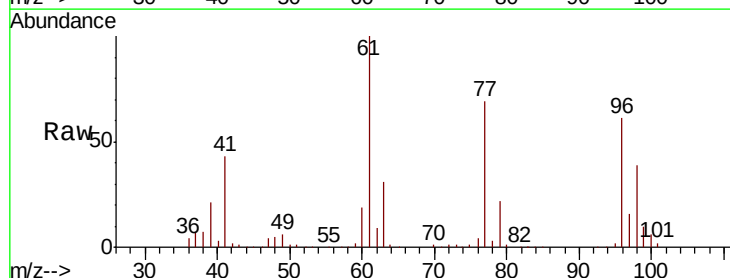
Acq: 08 Apr 2019 17:35

Tgt Ion: 77 Resp: 120737

Ion Ratio Lower Upper

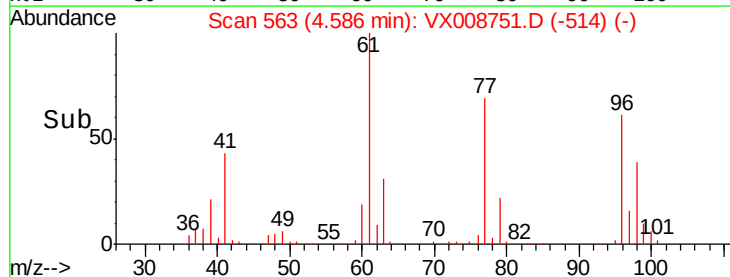
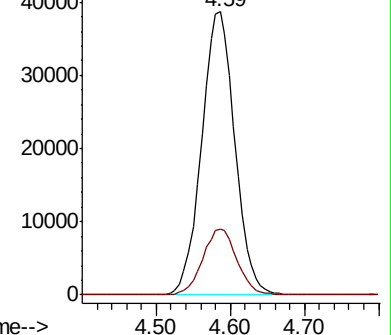
77 100

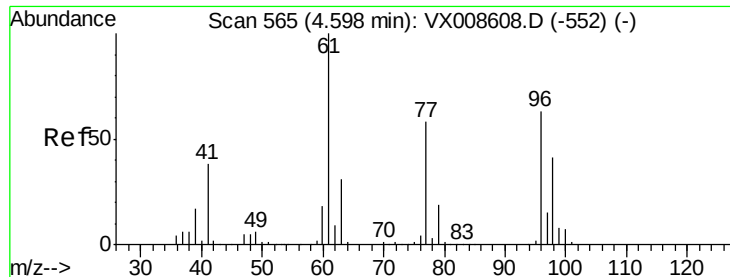
97 24.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



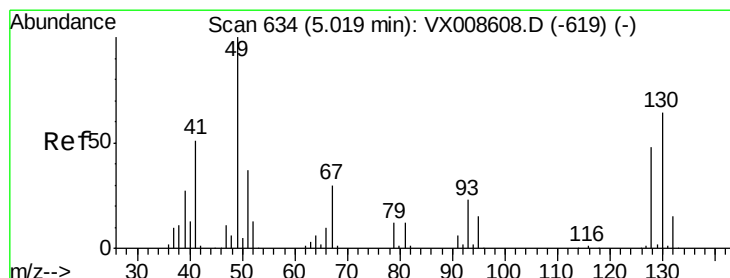
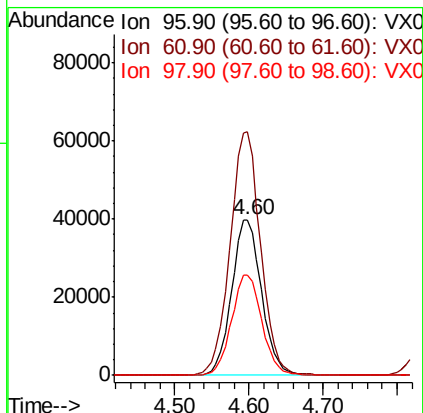
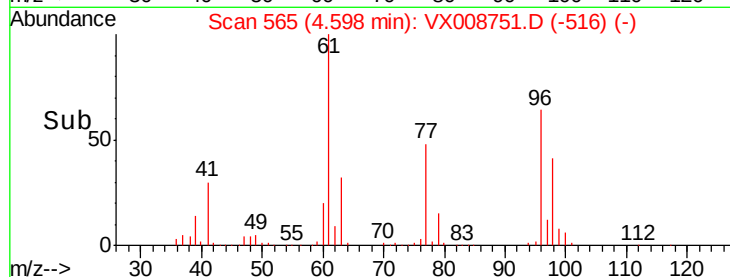
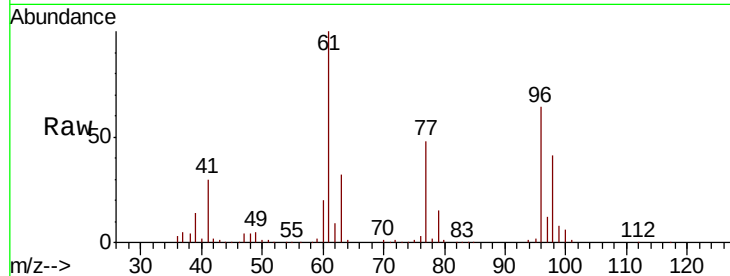


#27

cis-1,2-Dichloroethene
Concen: 46.877 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

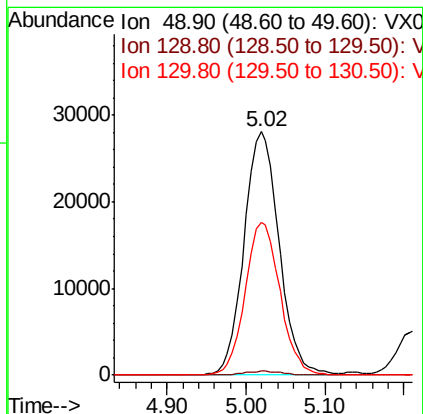
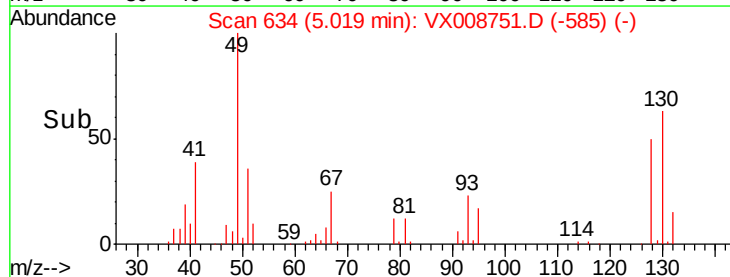
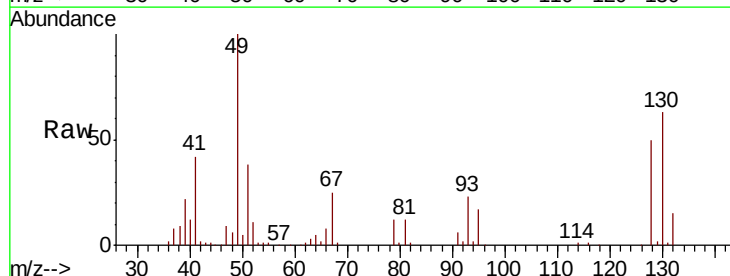
Tot Ion: 96 Resp: 111828
Ion Ratio Lower Upper
96 100
61 160.1 0.0 327.6
98 65.3 0.0 128.6

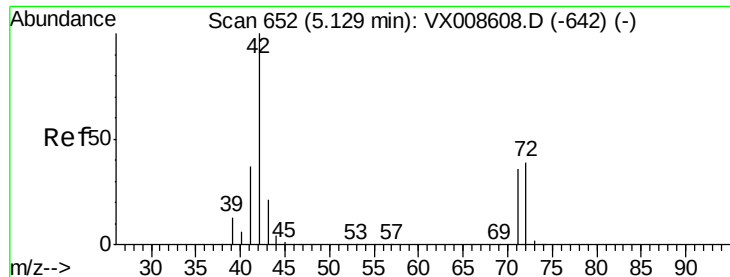


#28

Bromochloromethane
Concen: 49.689 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion: 49 Resp: 87014
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 62.2 49.3 73.9





#29

Tetrahydrofuran

Concen: 261.357 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

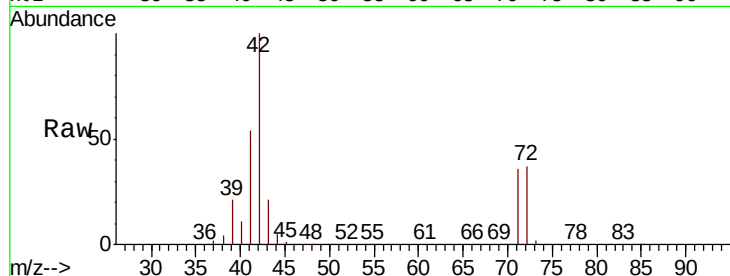
Tot Ion: 42 Resp: 382179

Ion Ratio Lower Upper

42 100

72 38.1 30.5 45.7

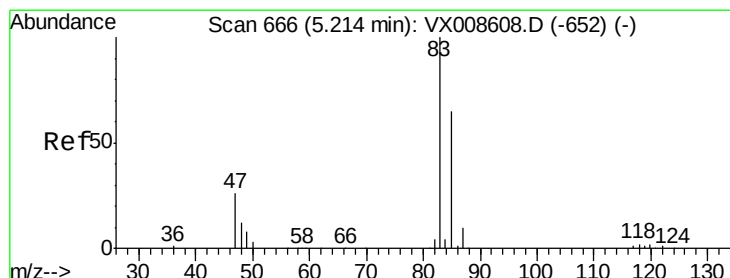
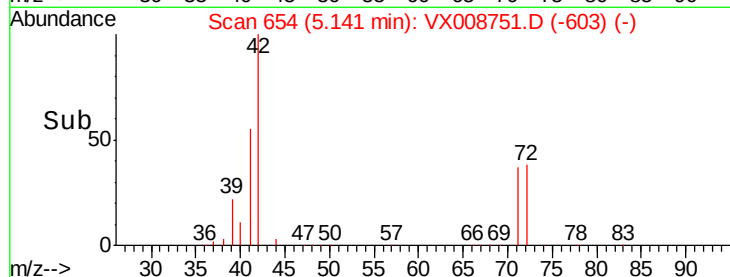
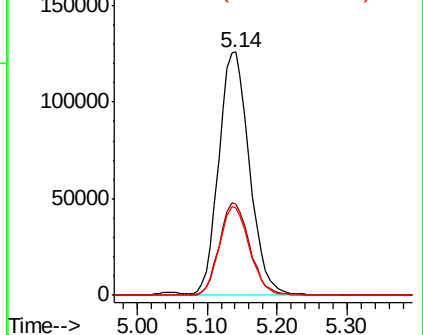
71 35.9 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.360 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008751.D

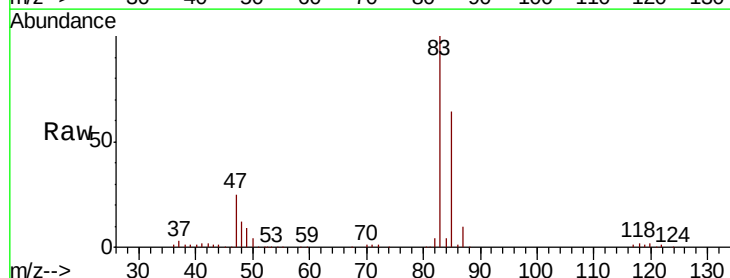
Acq: 08 Apr 2019 17:35

Tgt Ion: 83 Resp: 181009

Ion Ratio Lower Upper

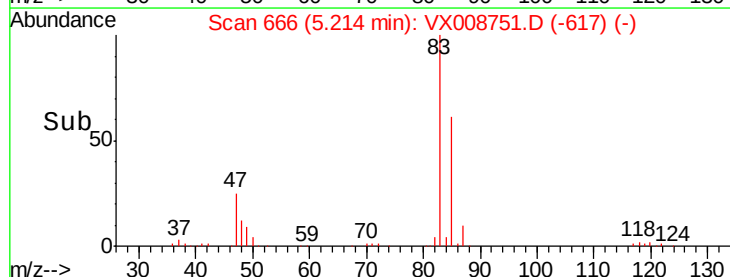
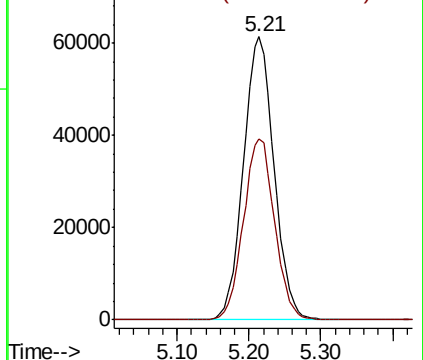
83 100

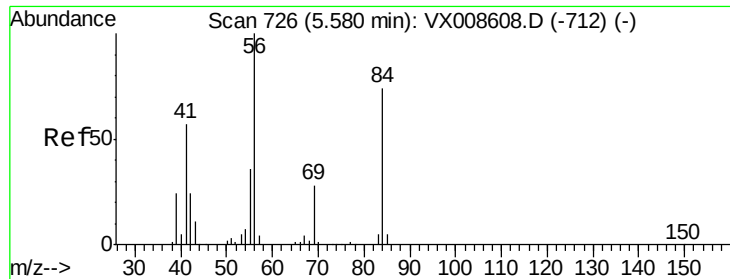
85 63.9 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

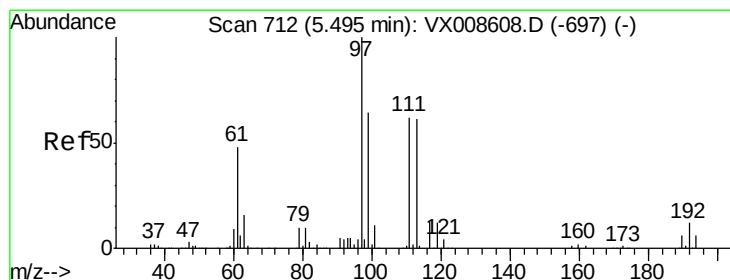
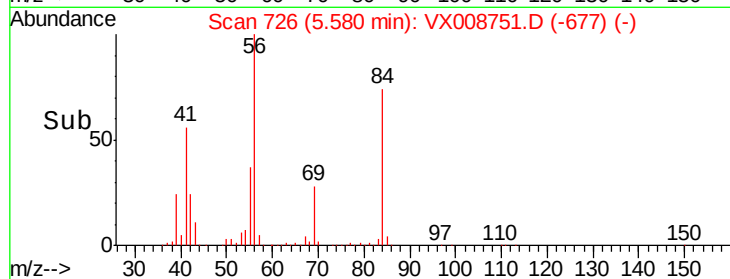
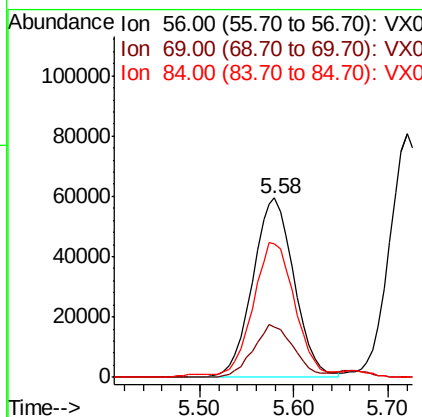
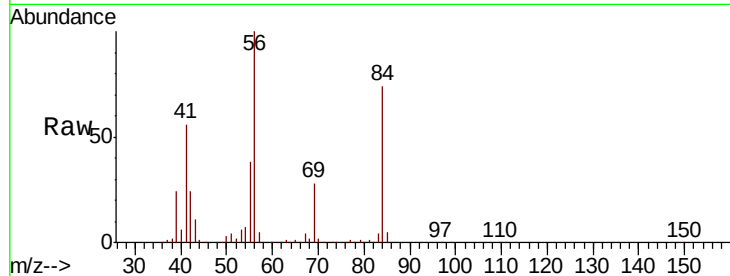




#31
Cyclohexane
Concen: 43.746 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

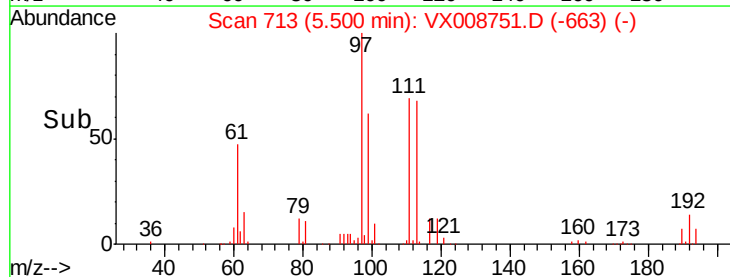
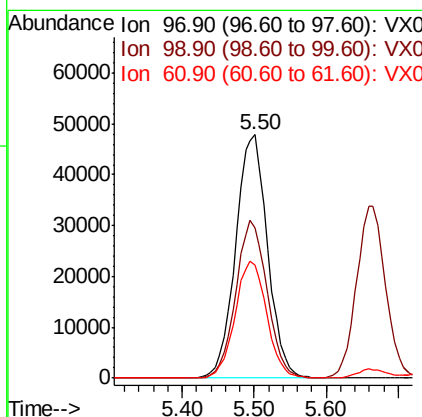
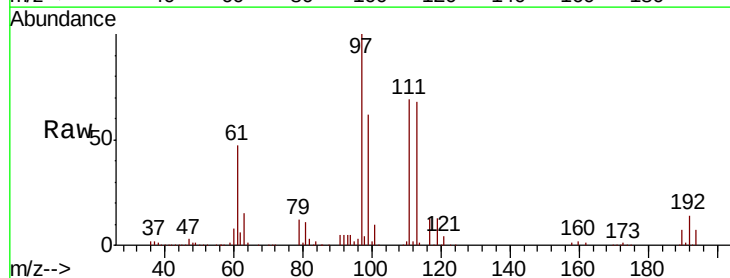
Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

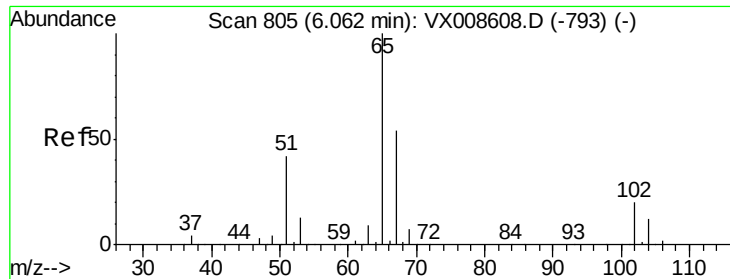
Tot Ion: 56 Resp: 182922
Ion Ratio Lower Upper
56 100
69 28.0 22.6 33.8
84 73.0 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 48.549 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion: 97 Resp: 146844
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 48.1 38.9 58.3

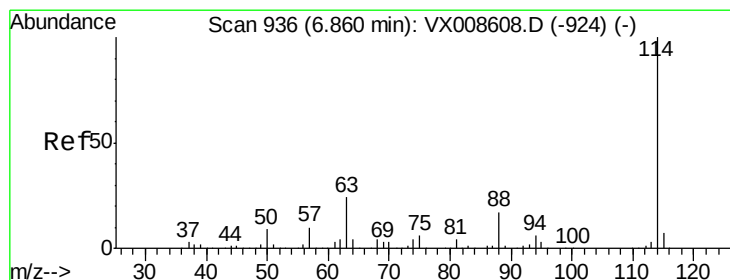
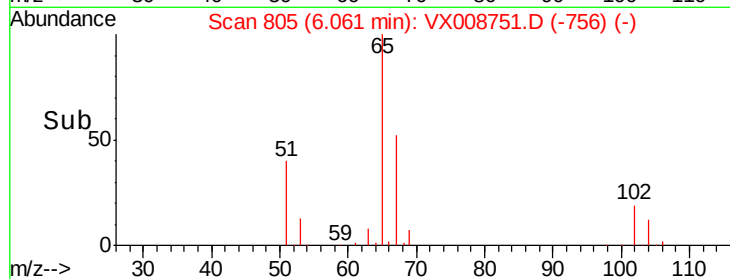
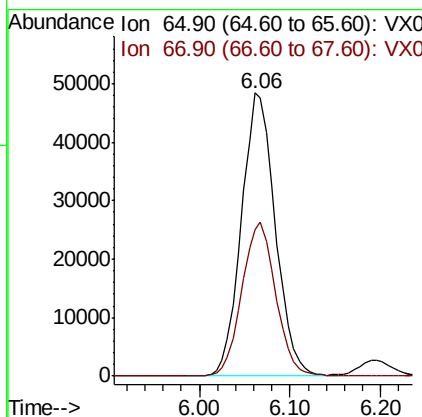
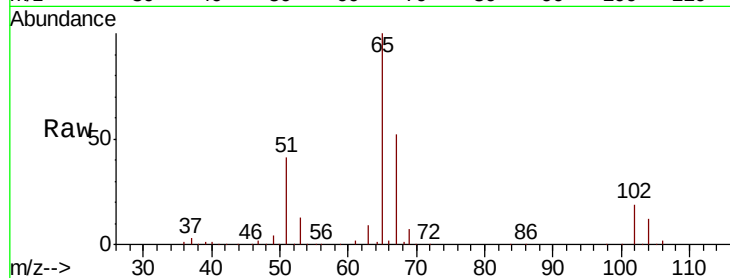




#33
 1,2-Dichloroethane-d4
 Concen: 51.768 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

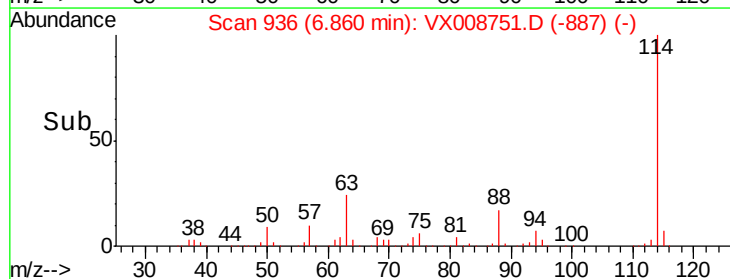
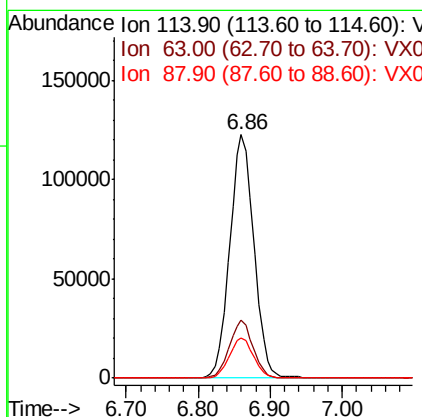
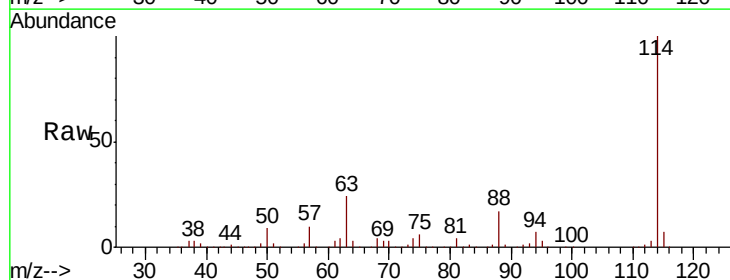
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

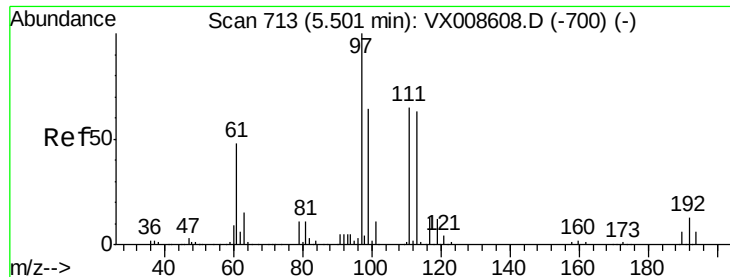
Tot Ion: 65 Resp: 125286
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion: 114 Resp: 286804
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 47.2
 88 16.7 0.0 34.0





#35

Dibromofluoromethane

Concen: 51.012 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

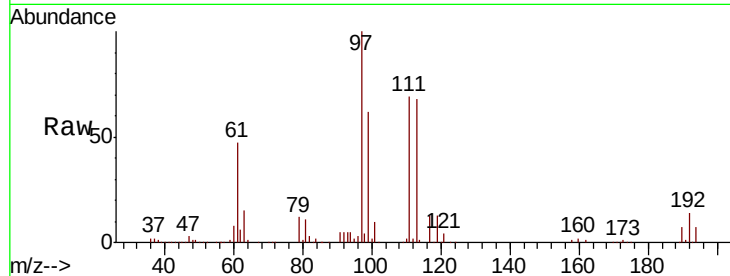
Tot Ion:113 Resp: 93541

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

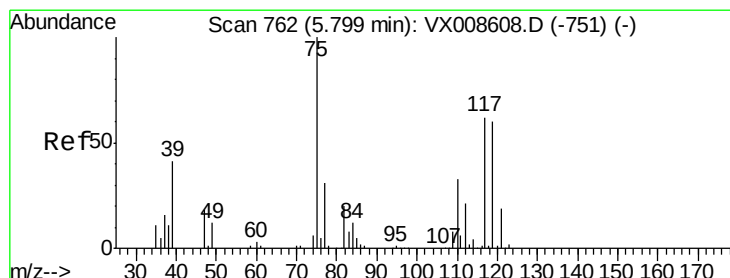
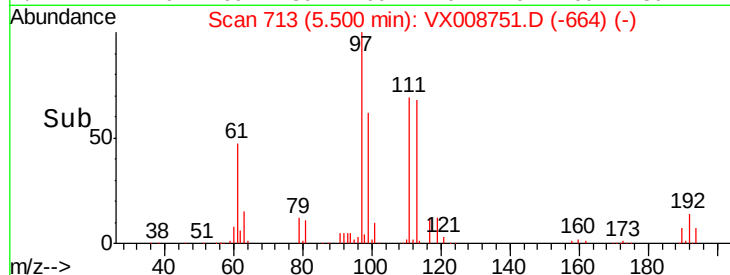
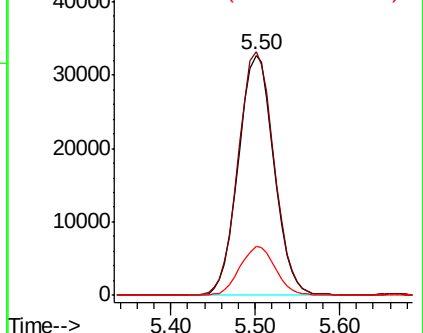
192 20.4 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.660 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

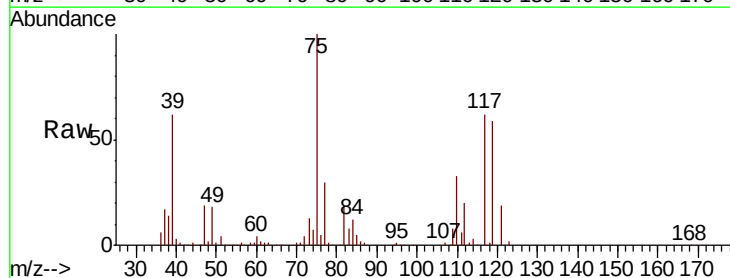
Tgt Ion: 75 Resp: 136876

Ion Ratio Lower Upper

75 100

110 33.4 16.4 49.2

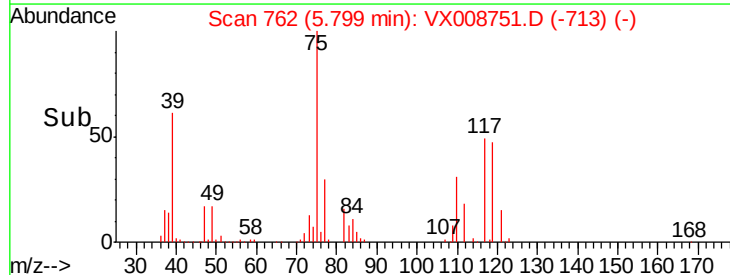
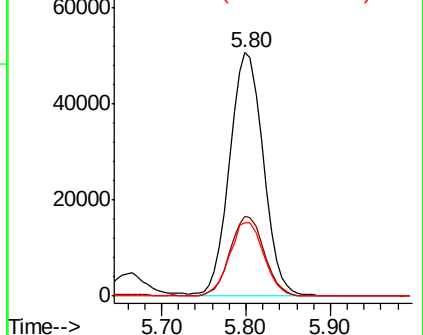
77 30.8 24.7 37.1

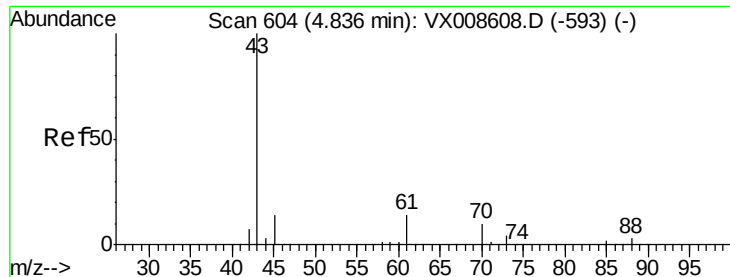


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

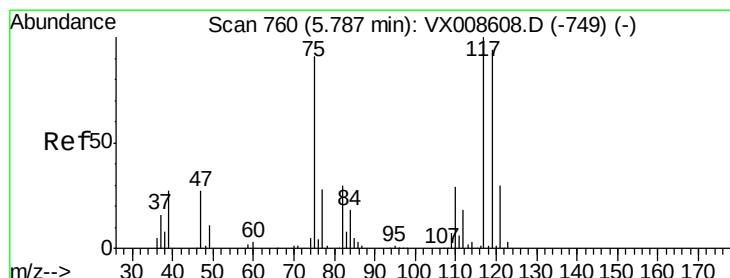
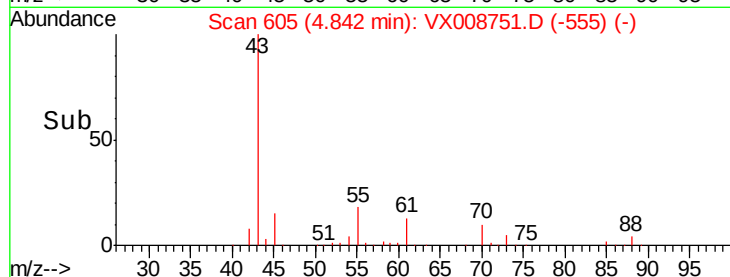
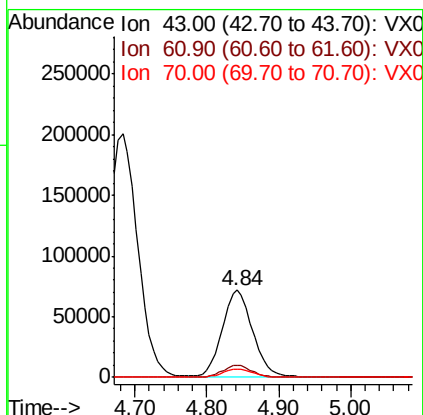
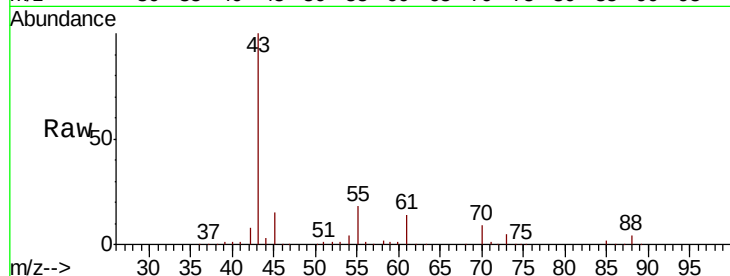




#37
Ethyl Acetate
Concen: 50.398 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

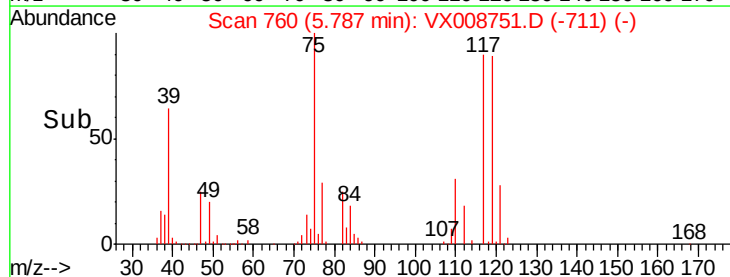
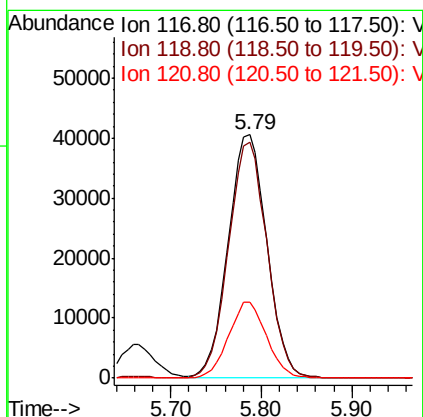
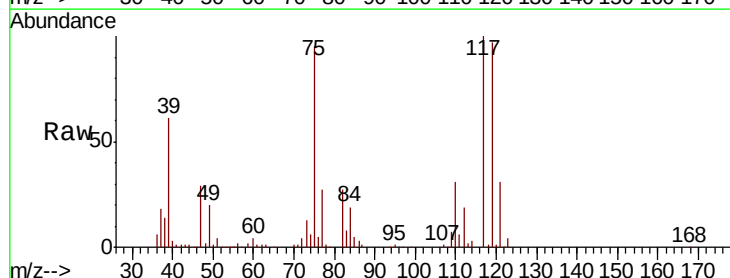
Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

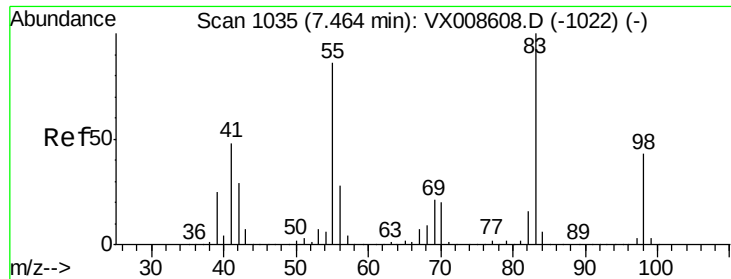
Tot Ion: 43 Resp: 210896
Ion Ratio Lower Upper
43 100
61 13.5 10.3 15.5
70 9.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 46.398 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion: 117 Resp: 120392
Ion Ratio Lower Upper
117 100
119 96.9 75.0 112.6
121 31.1 24.3 36.5

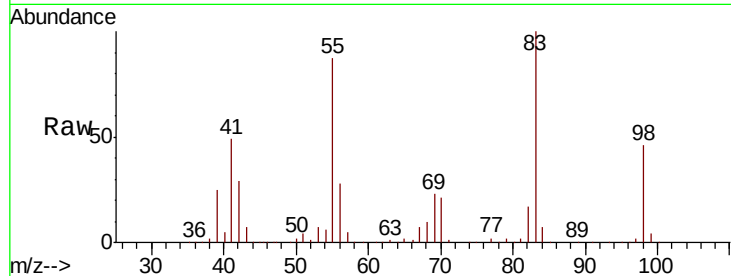




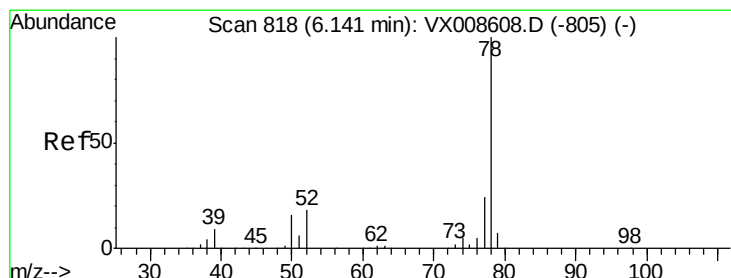
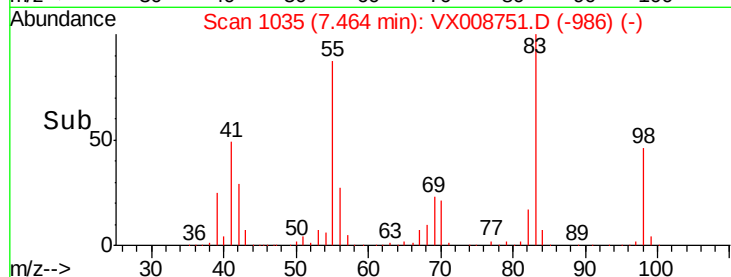
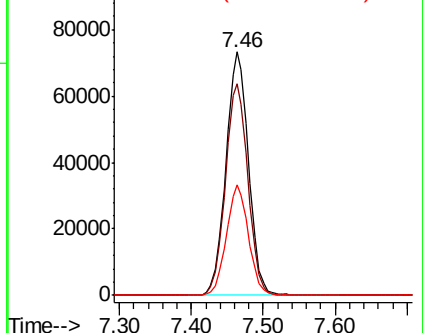
#39
Methylvlcyclohexane
Concen: 41.261 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion: 83 Resp: 159798
Ion Ratio Lower Upper
83 100
55 87.1 69.0 103.6
98 45.6 34.4 51.6

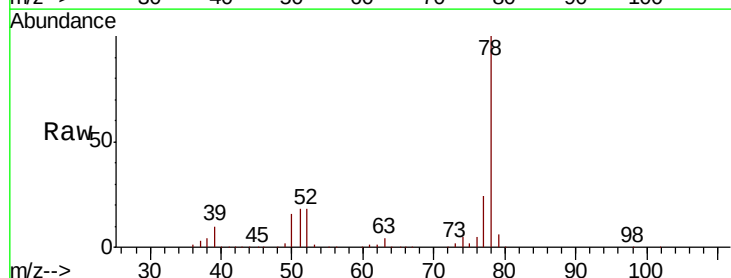


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

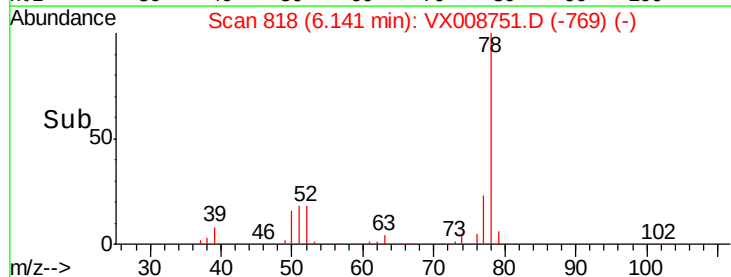
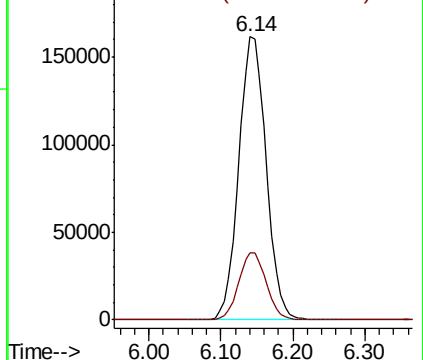


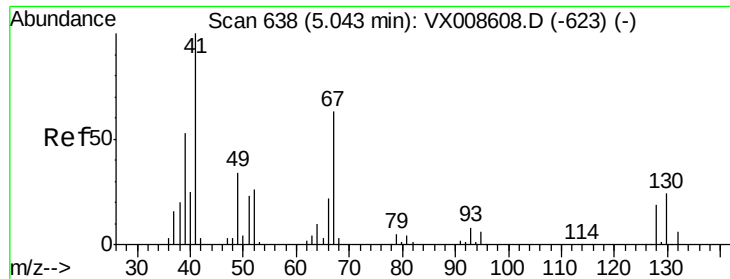
#40
Benzene
Concen: 45.756 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion: 78 Resp: 427352
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

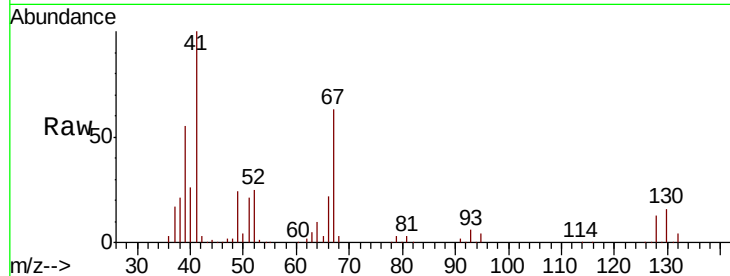




#41
Methacrylonitrile
Concen: 49.379 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion:	41	Resp:	118774
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.1	63.1
67	63.6	51.0	76.6
52	25.8	21.4	32.0



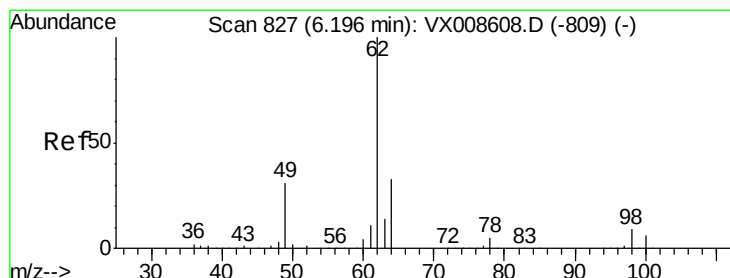
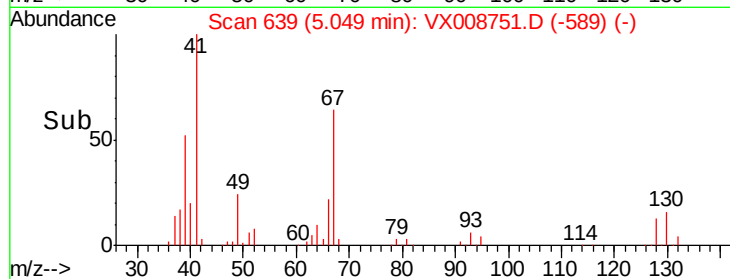
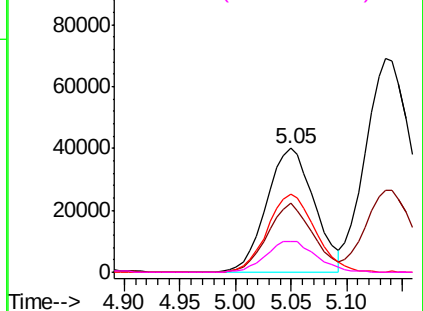
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

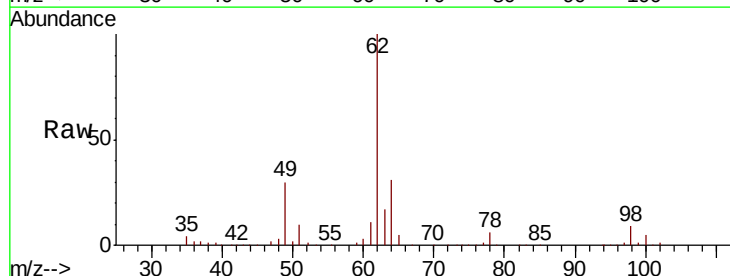
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 46.155 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

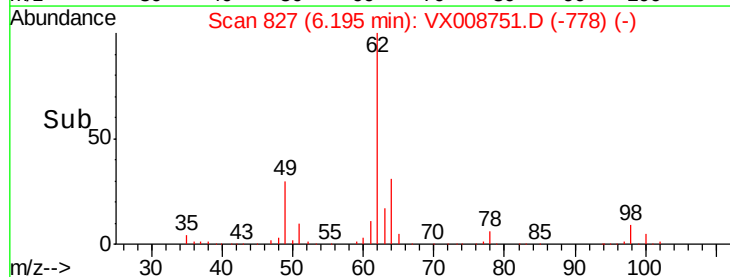
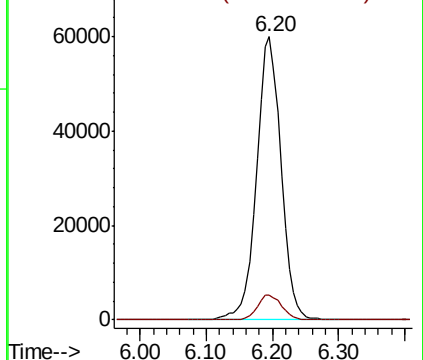
Tgt Ion:	62	Resp:	154540
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0

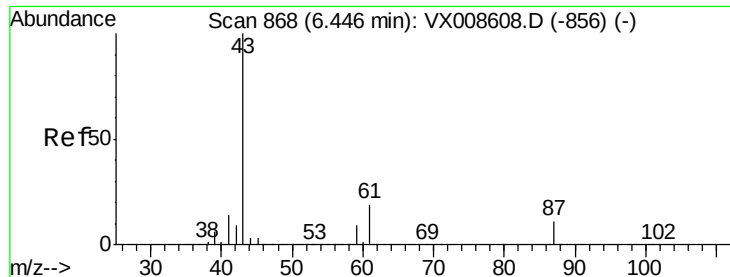


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



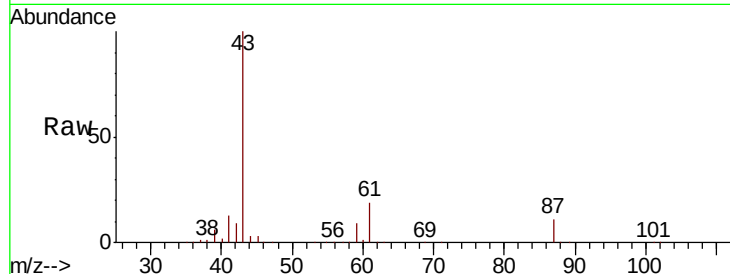


#43

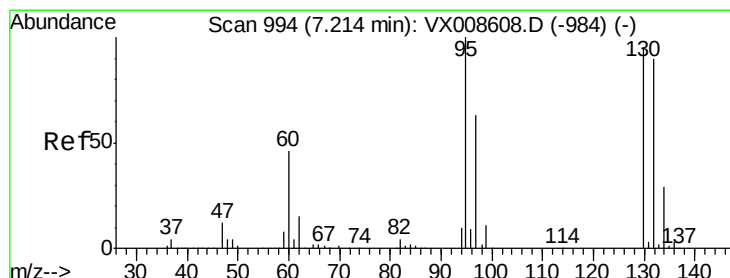
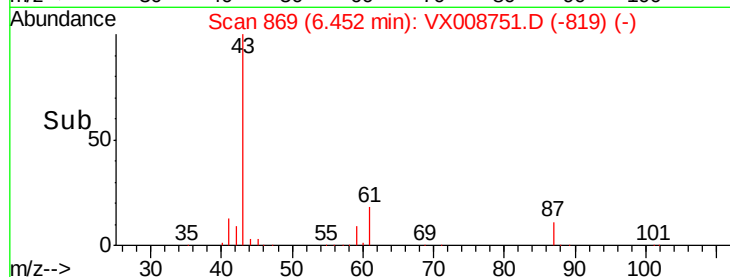
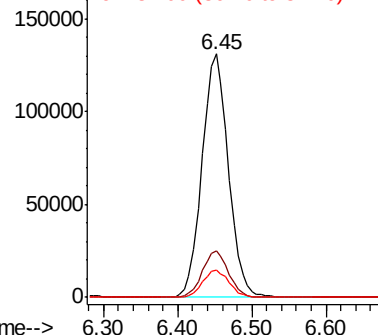
Isopropyl Acetate
 Concen: 49.332 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. 0.01 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.3	22.9
87	11.3	9.0	13.6



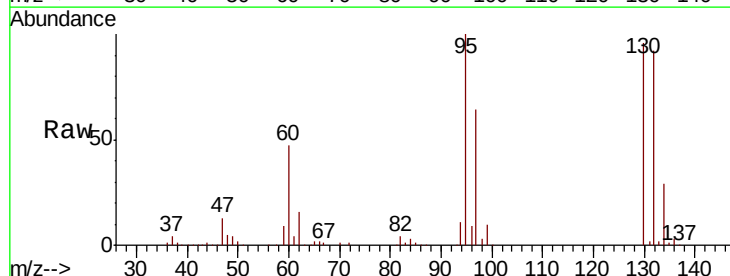
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



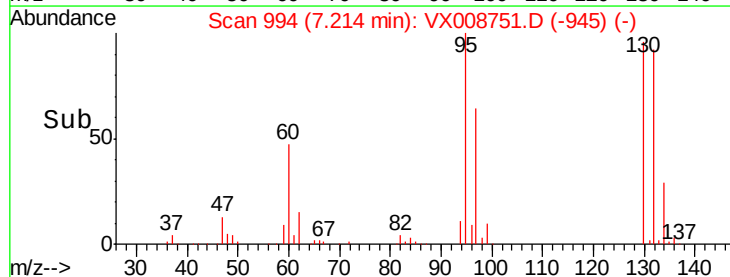
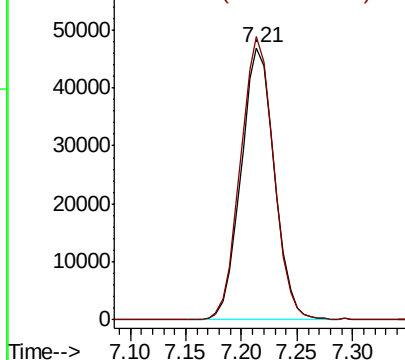
#44

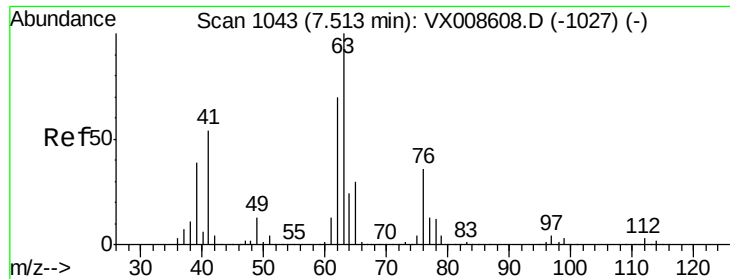
Trichloroethene
 Concen: 45.001 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	209.8



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

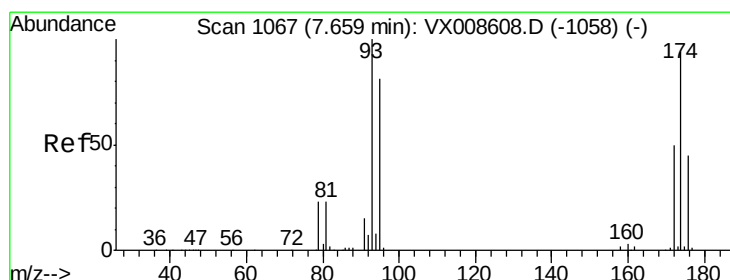
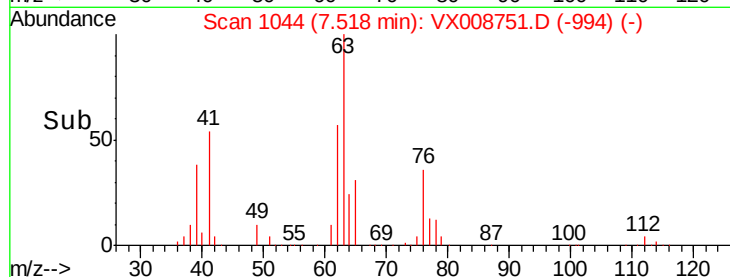
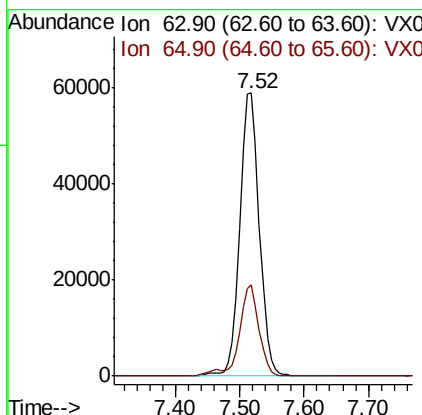
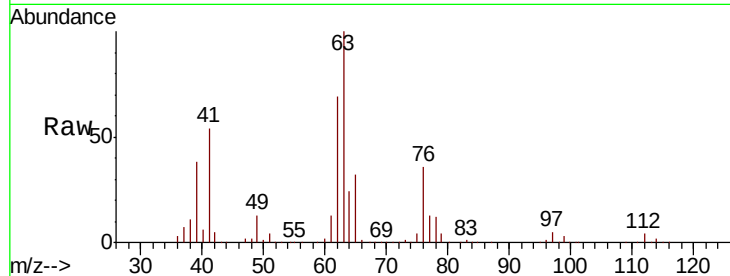




#45
 1,2-Dichloropropane
 Concen: 46.481 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

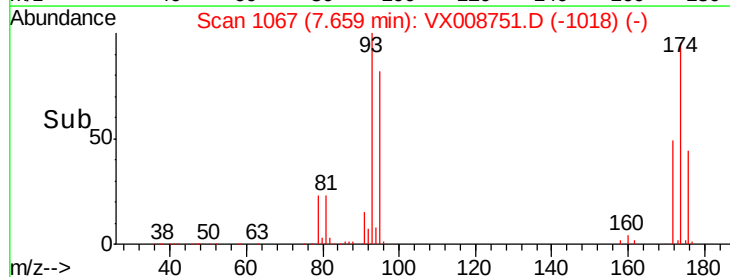
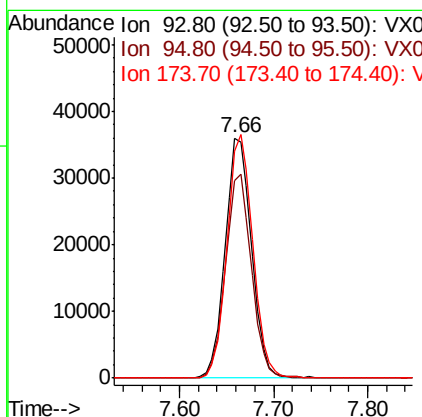
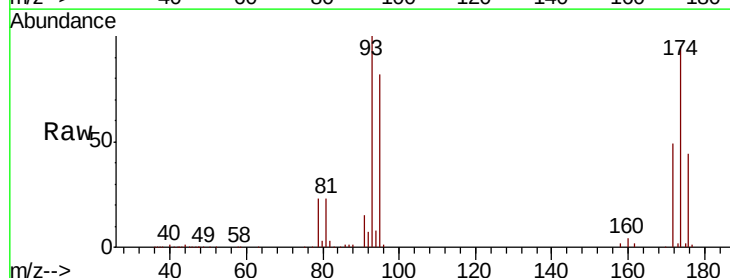
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

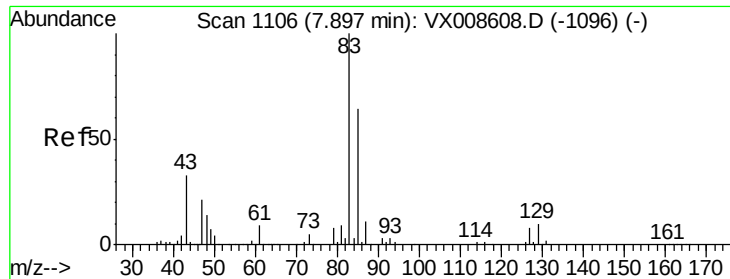
Tot Ion: 63 Resp: 123907
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.2 36.4



#46
 Dibromomethane
 Concen: 45.221 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion: 93 Resp: 69916
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.6 99.8
 174 99.3 77.7 116.5





#47

Bromodichloromethane

Concen: 47.876 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

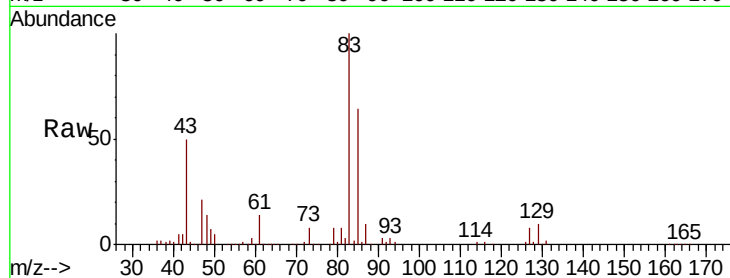
Tot Ion: 83 Resp: 139567

Ion Ratio Lower Upper

83 100

85 64.4 51.2 76.8

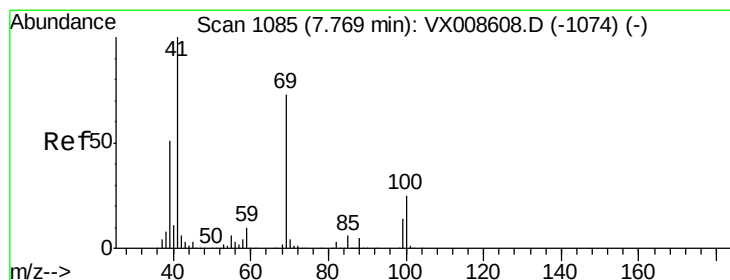
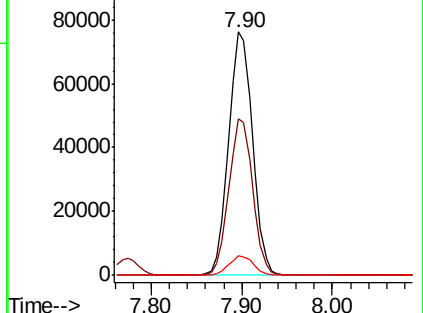
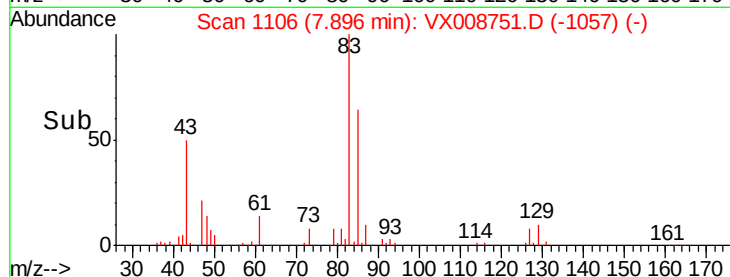
127 8.0 6.6 10.0



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: 49.164 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

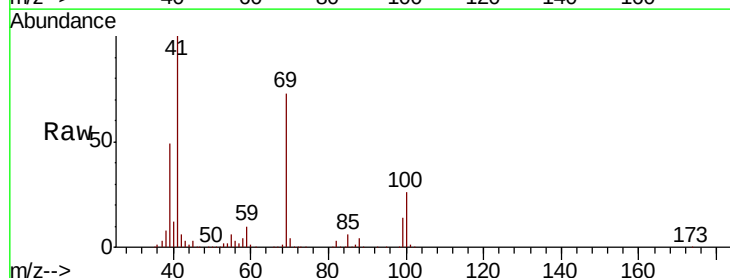
Tgt Ion: 41 Resp: 163028

Ion Ratio Lower Upper

41 100

69 72.8 59.0 88.4

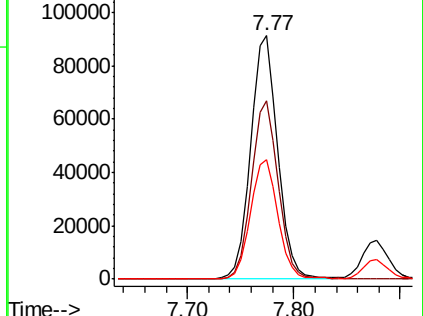
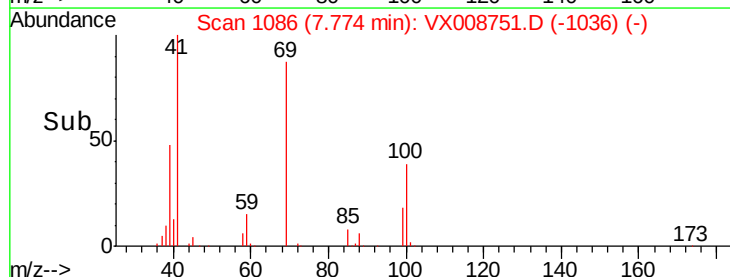
39 50.1 41.0 61.4

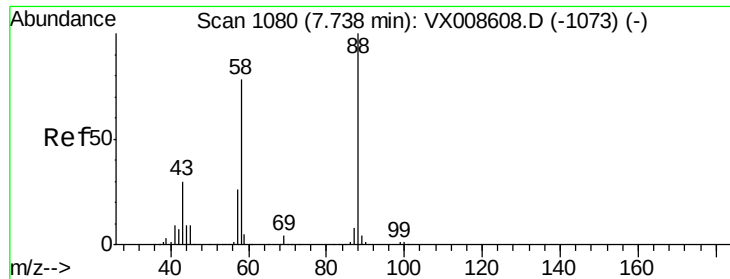


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

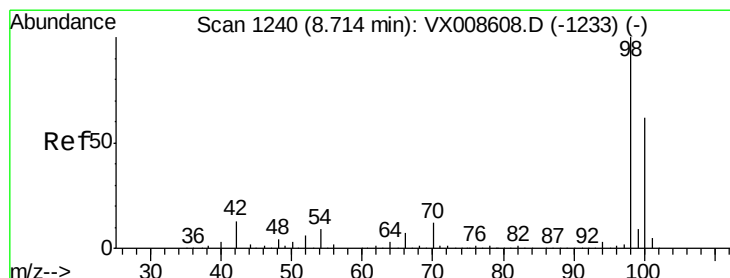
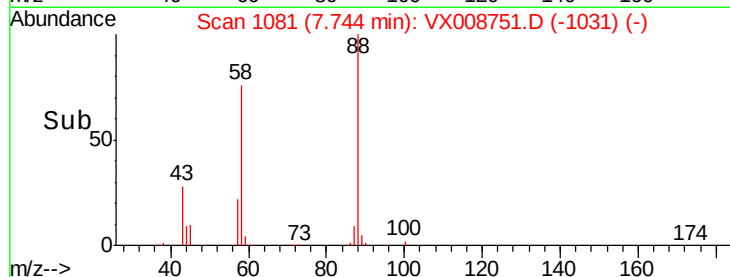
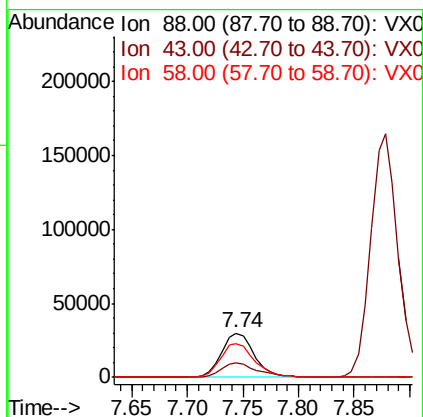
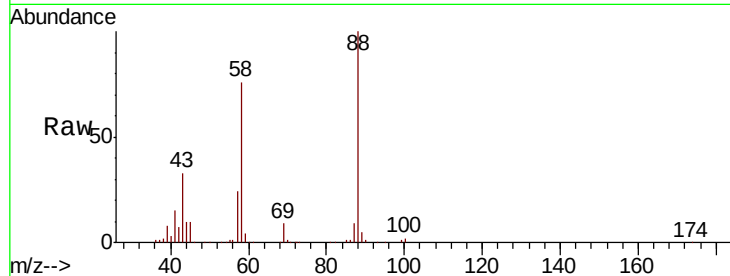




#49
1,4-Dioxane
Concen: 988.737 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

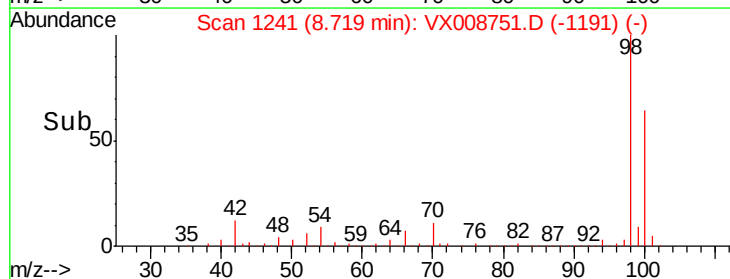
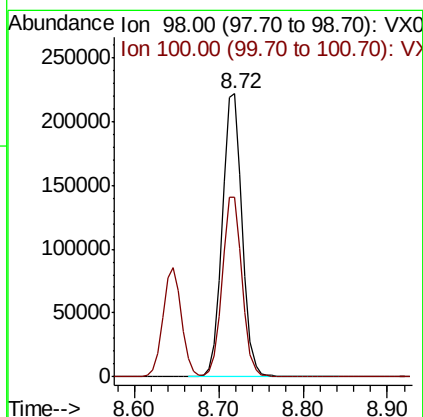
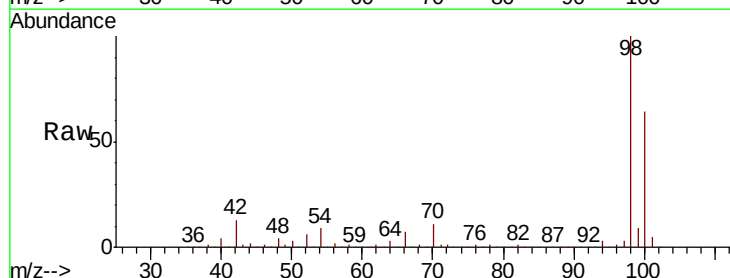
Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

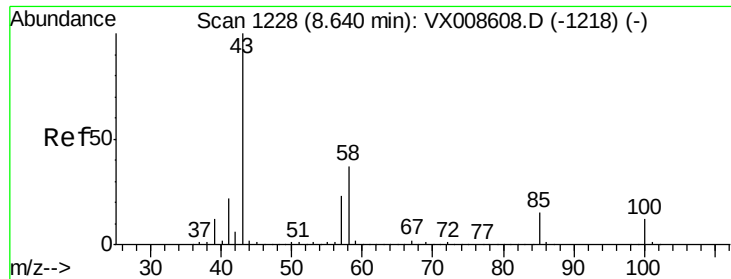
Tot Ion: 88 Resp: 61418
Ion Ratio Lower Upper
88 100
43 36.3 28.6 43.0
58 79.5 62.2 93.2



#50
Toluene-d8
Concen: 49.364 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion: 98 Resp: 360425
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 252.921 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

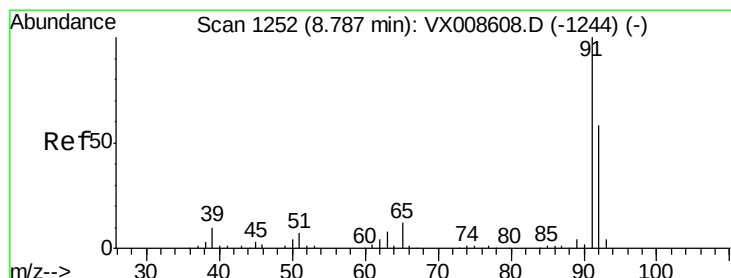
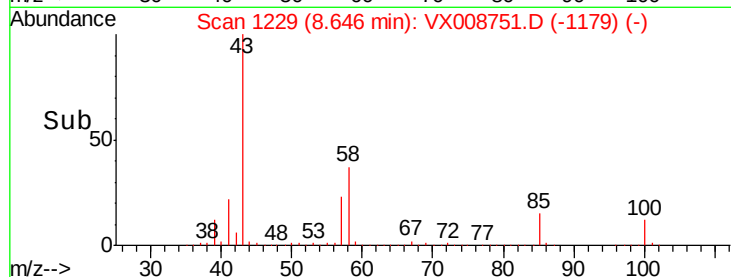
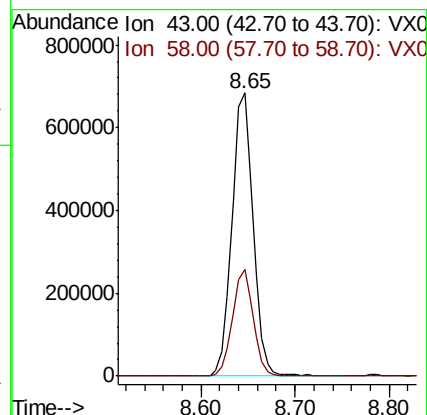
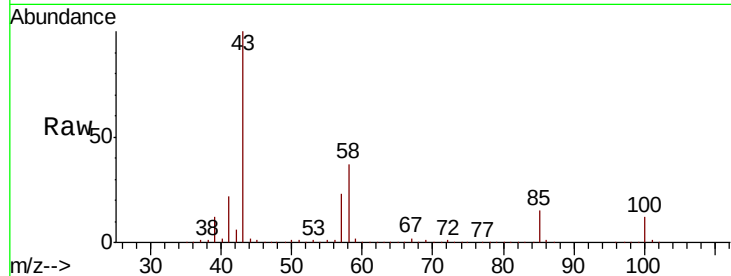
ST008MW214-190403MSD

Tot Ion: 43 Resp: 1067291

Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3



#52

Toluene

Concen: 45.349 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008751.D

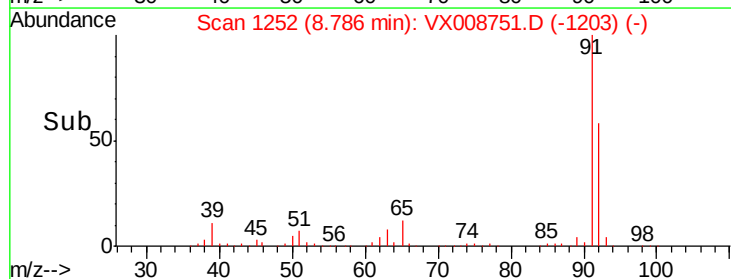
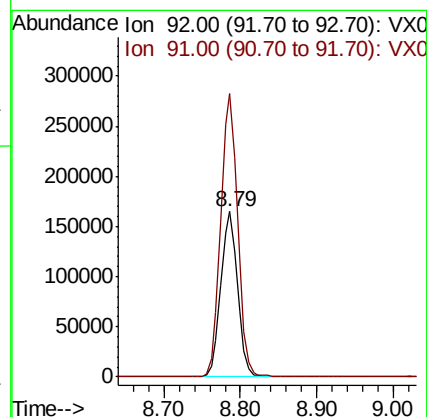
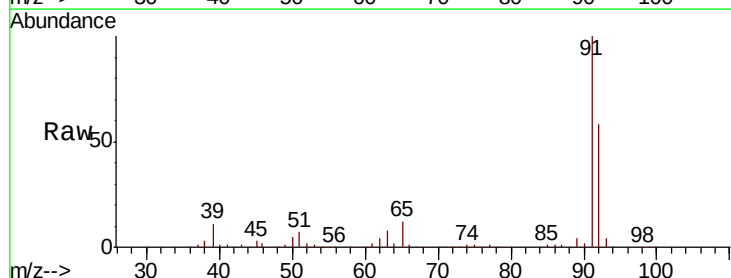
Acq: 08 Apr 2019 17:35

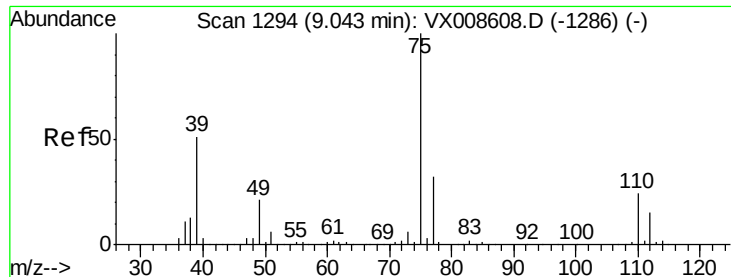
Tgt Ion: 92 Resp: 249702

Ion Ratio Lower Upper

92 100

91 173.7 138.5 207.7

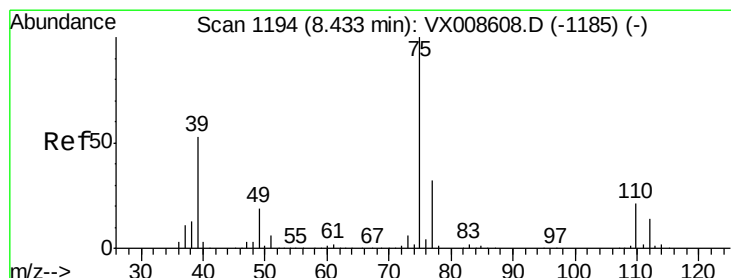
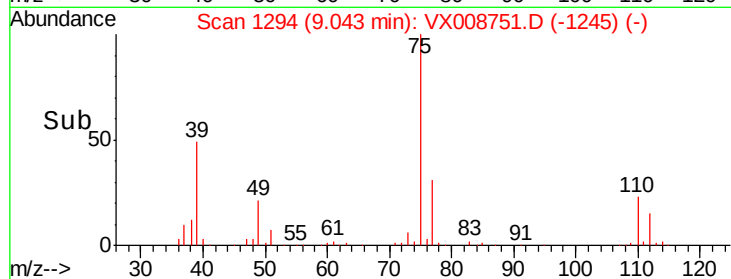
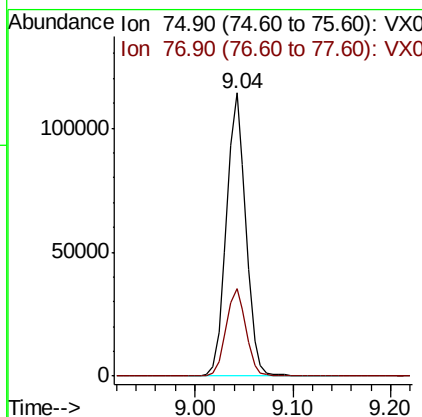
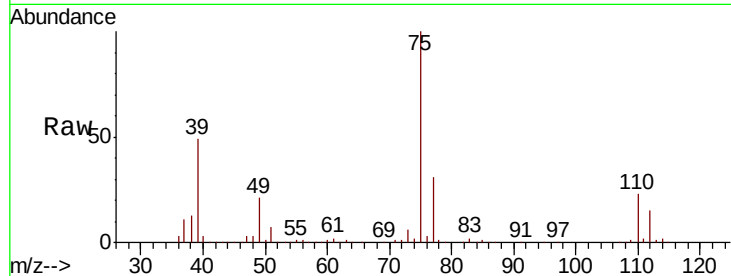




#53
 t-1,3-Dichloropropene
 Concen: 48.199 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

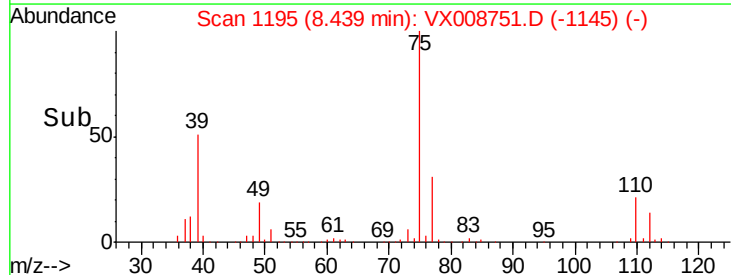
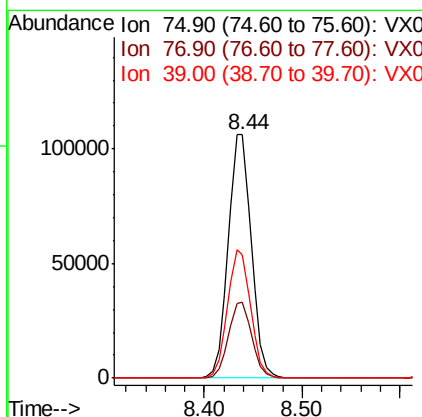
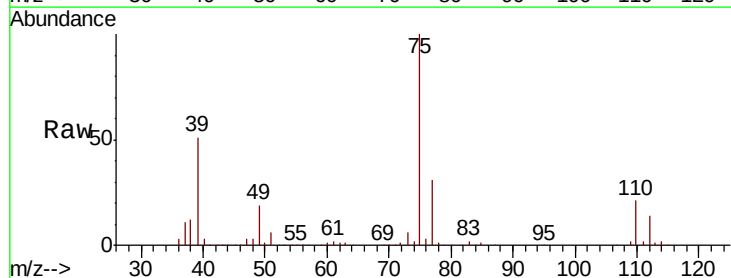
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

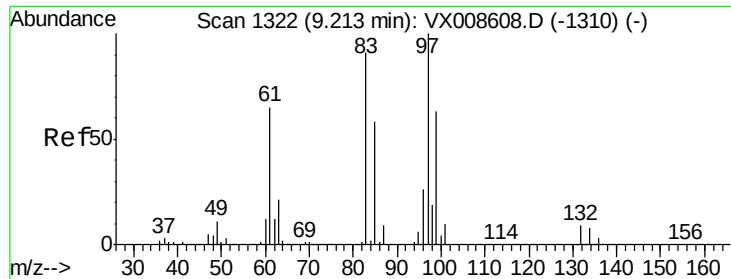
Tot Ion: 75 Resp: 157394
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 46.825 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion: 75 Resp: 174716
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9
 39 50.7 42.6 63.8

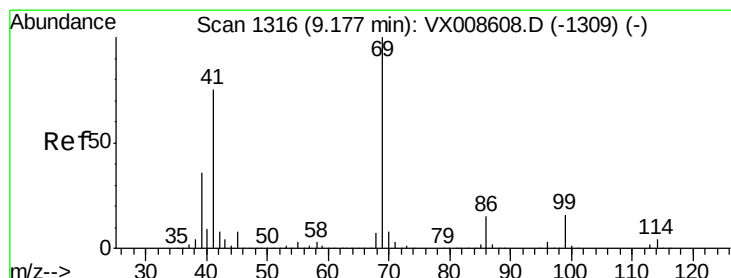
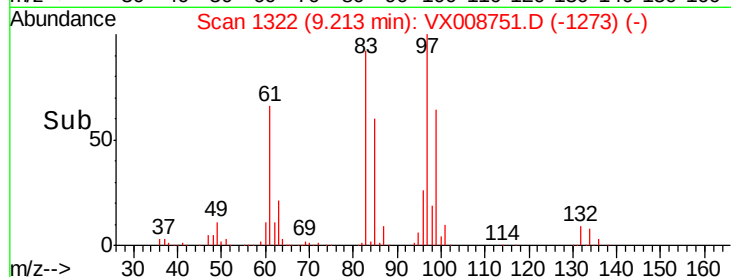
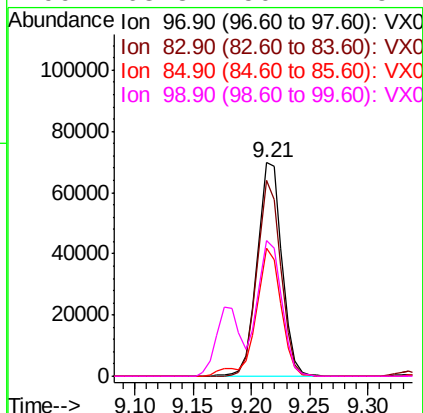
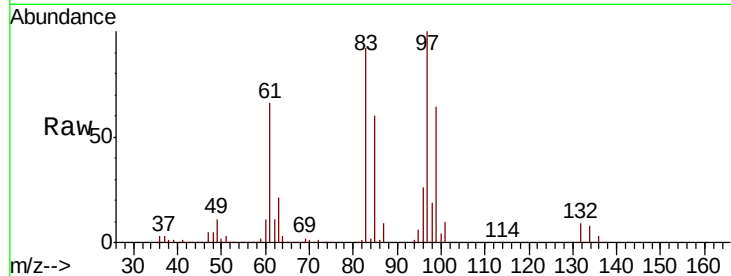




#55
 1,1,2-Trichloroethane
 Concen: 47.089 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

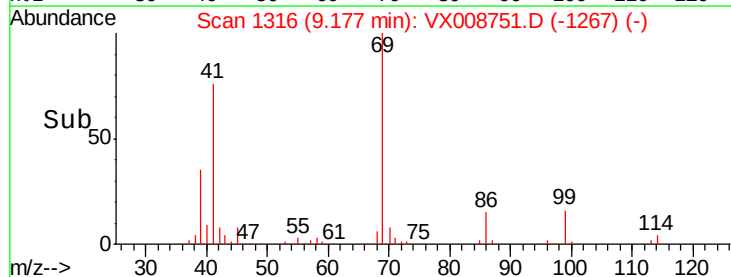
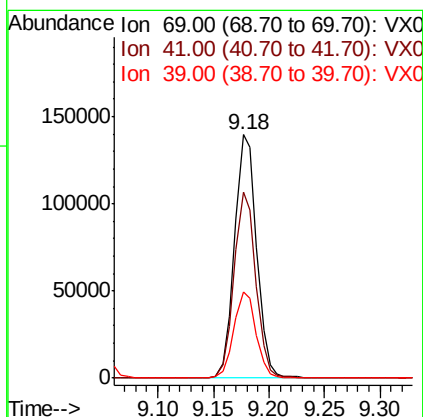
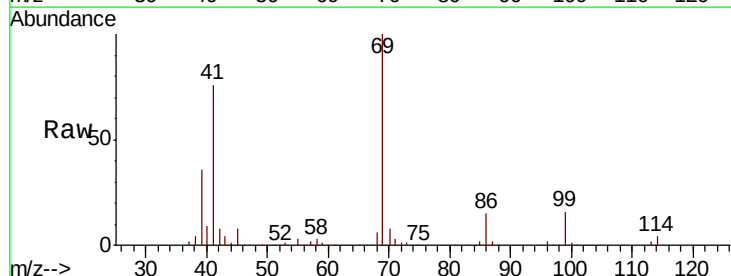
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

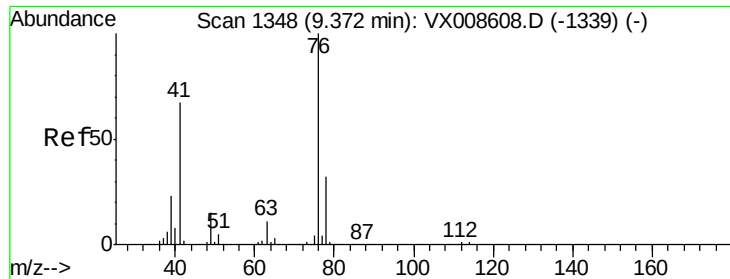
Tot Ion: 97 Resp: 104079
 Ion Ratio Lower Upper
 97 100
 83 91.9 73.2 109.8
 85 59.9 46.6 69.8
 99 63.8 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 48.077 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion: 69 Resp: 192263
 Ion Ratio Lower Upper
 69 100
 41 75.2 60.1 90.1
 39 35.3 28.9 43.3

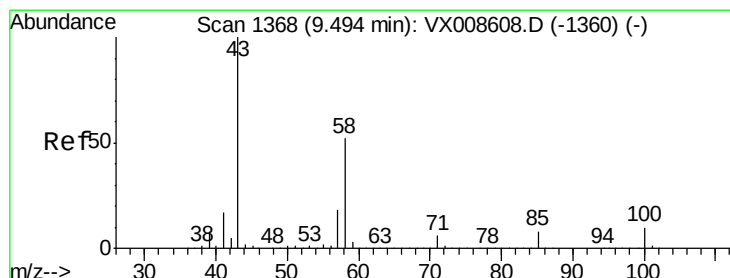
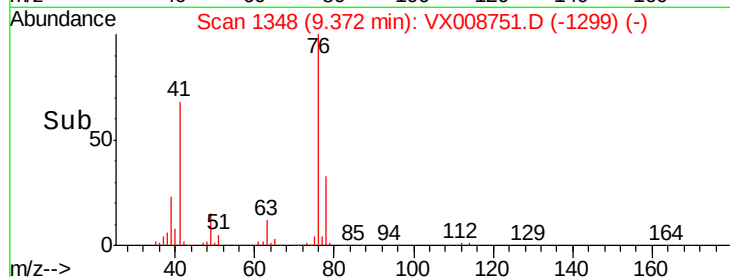
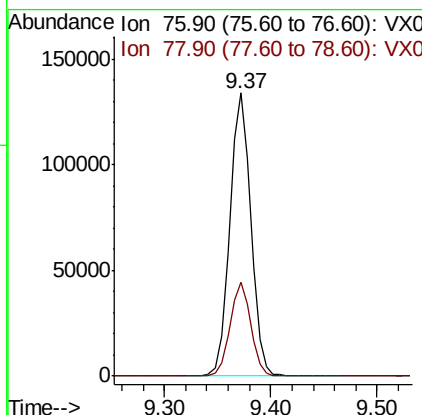
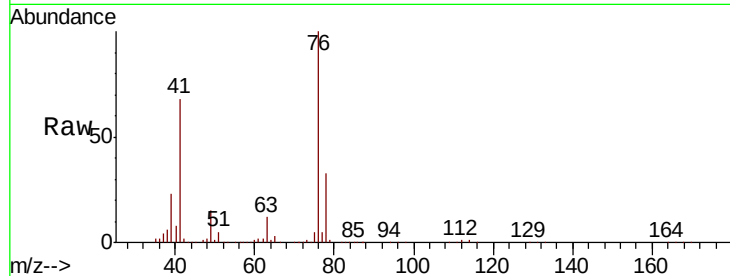




#57
 1,3-Dichloropropane
 Concen: 46.854 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

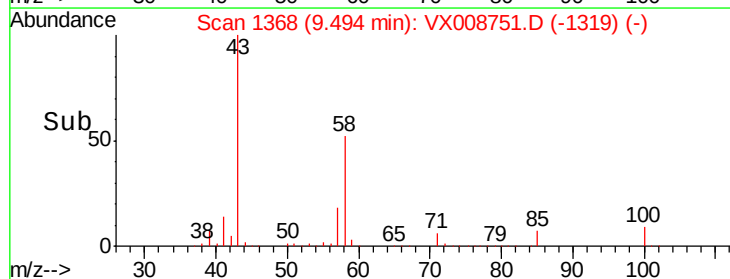
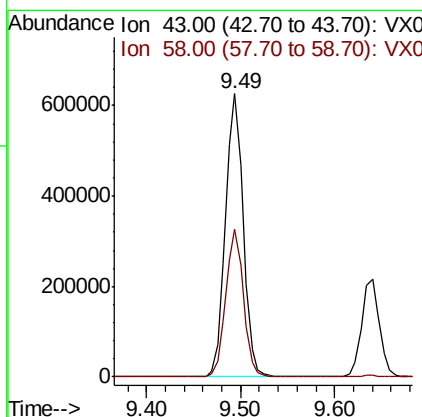
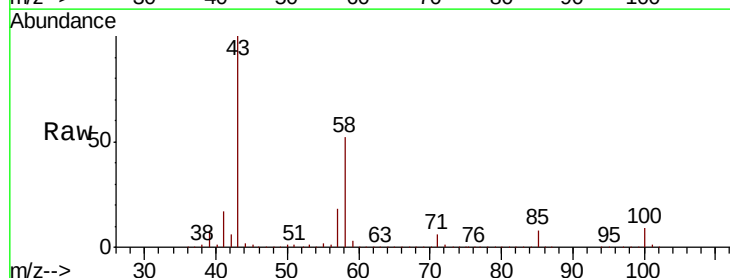
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

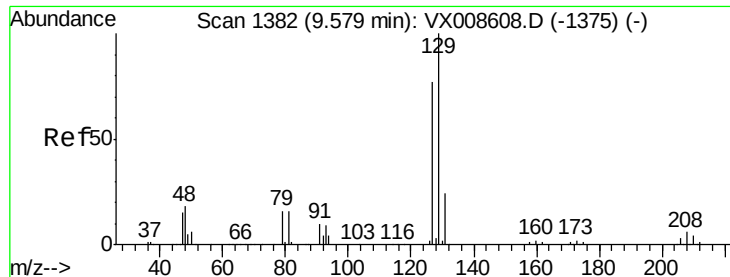
Tot Ion: 76 Resp: 185957
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.6 38.4



#59
 2-Hexanone
 Concen: 250.748 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion: 43 Resp: 822317
 Ion Ratio Lower Upper
 43 100
 58 51.7 25.9 77.7





#60

Dibromochloromethane

Concen: 49.018 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

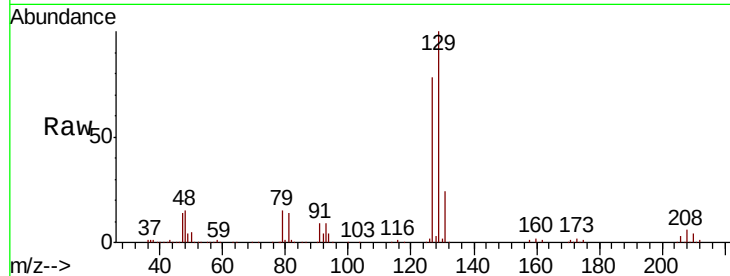
ST008MW214-190403MSD

Tot Ion:129 Resp: 102093

Ion Ratio Lower Upper

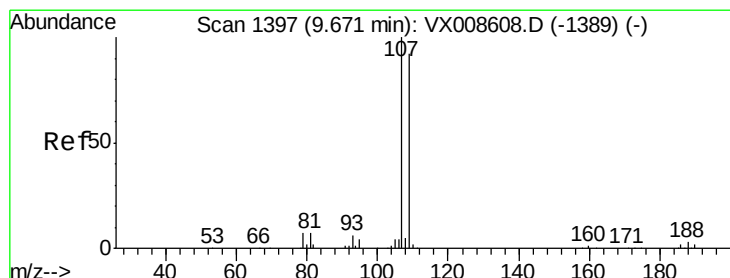
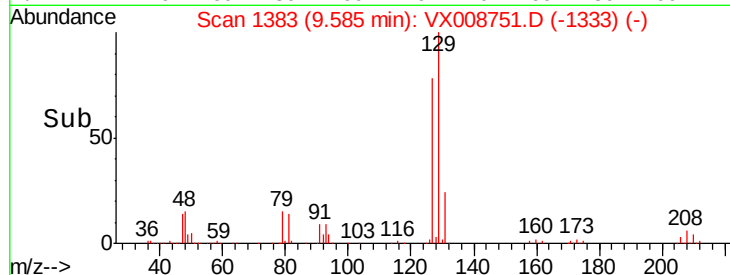
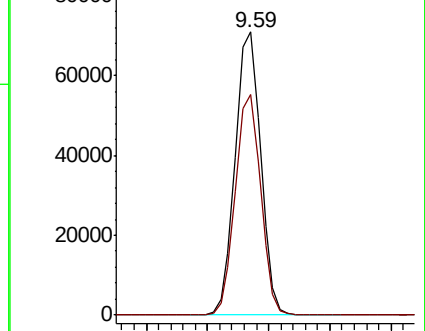
129 100

127 77.7 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 46.812 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008751.D

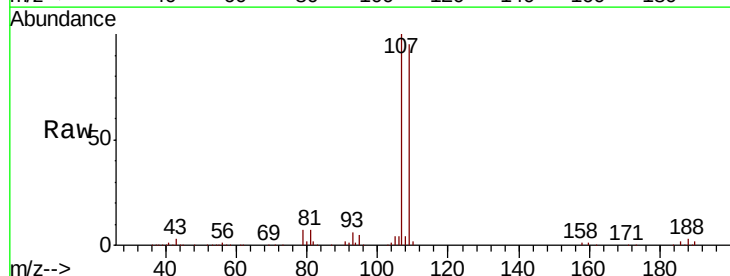
Acq: 08 Apr 2019 17:35

Tgt Ion:107 Resp: 107712

Ion Ratio Lower Upper

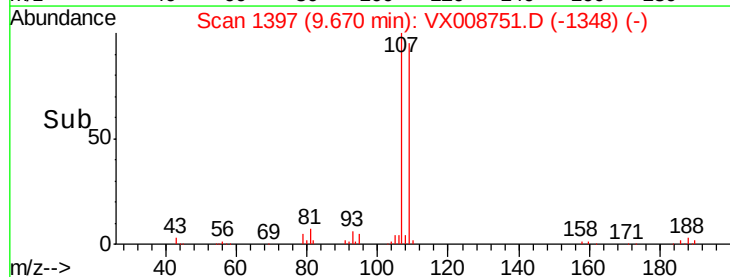
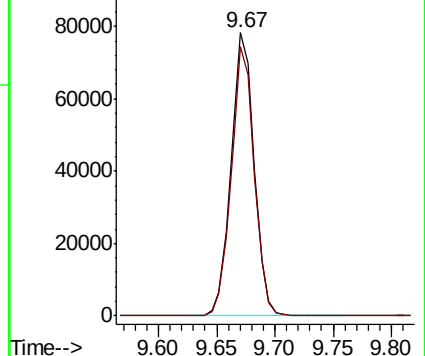
107 100

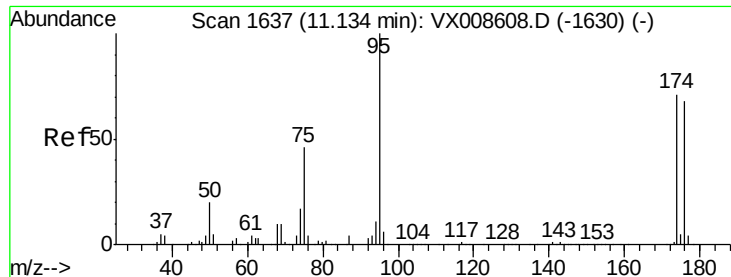
109 94.6 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.125 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

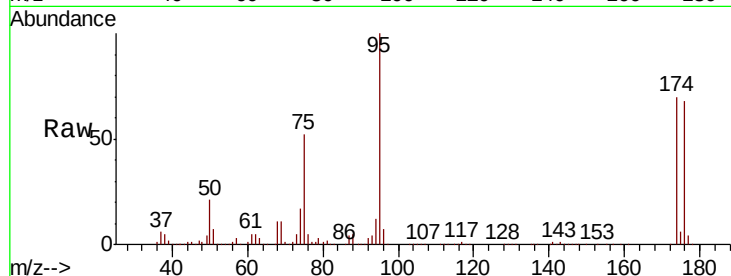
Tot Ion: 95 Resp: 127193

Ion Ratio Lower Upper

95 100

174 77.4 0.0 151.8

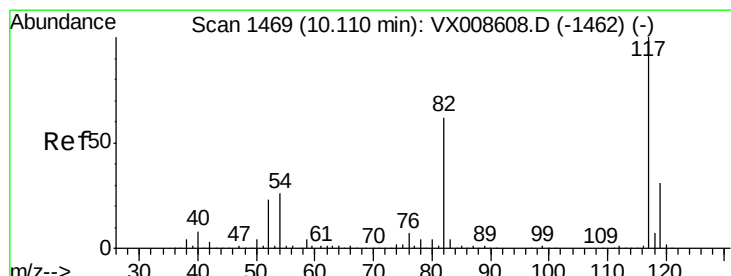
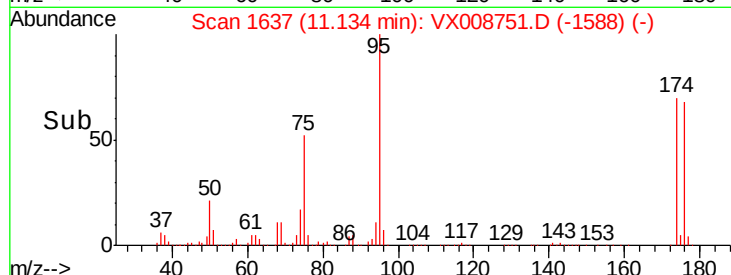
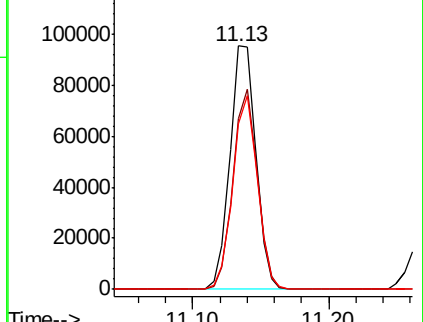
176 75.3 0.0 145.8



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: VX008751.D

Acq: 08 Apr 2019 17:35

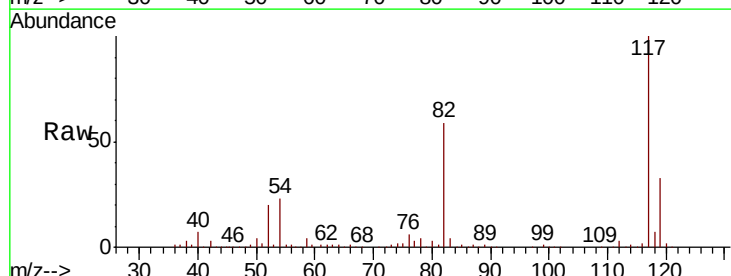
Tgt Ion: 117 Resp: 248025

Ion Ratio Lower Upper

117 100

82 59.5 49.6 74.4

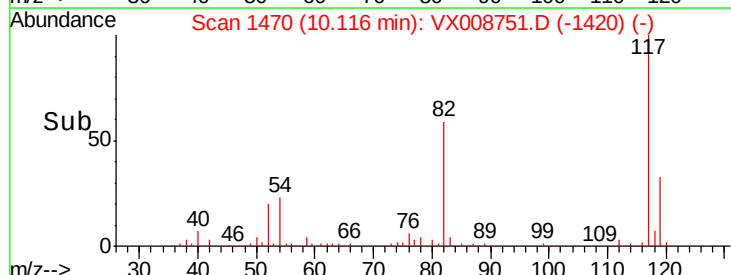
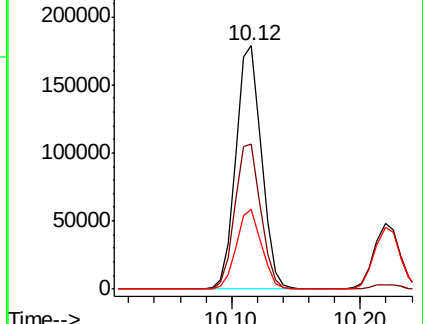
119 32.8 25.0 37.4

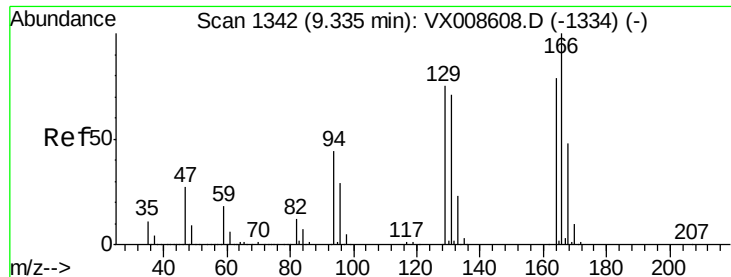


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

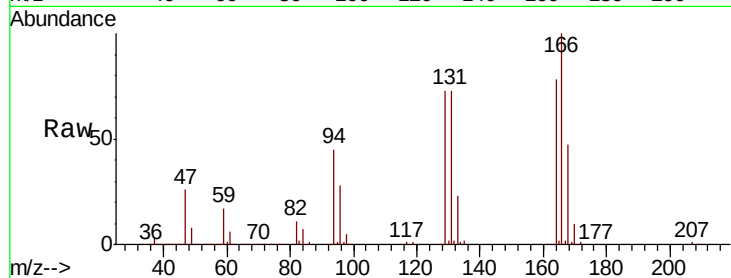




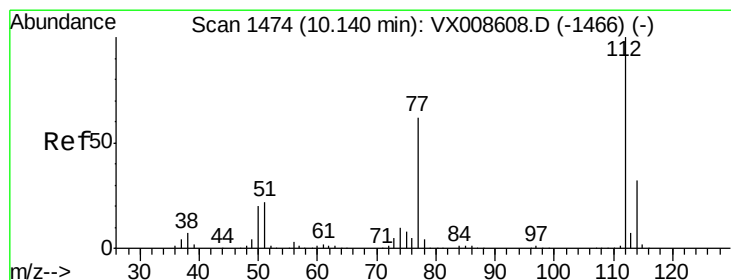
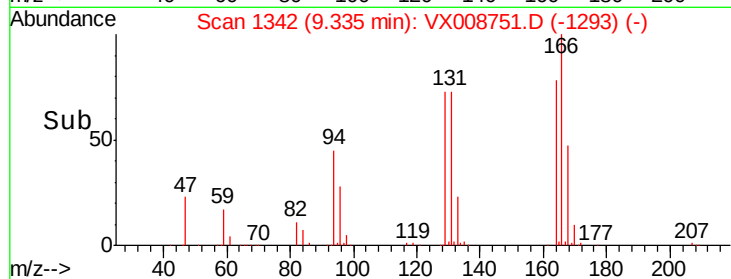
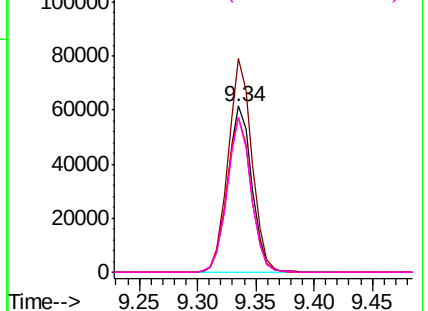
#64
Tetrachloroethene
Concen: 48.246 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion:164 Resp: 88657
Ion Ratio Lower Upper
164 100
166 128.4 101.0 151.6
129 93.4 75.8 113.8
131 93.5 71.8 107.8

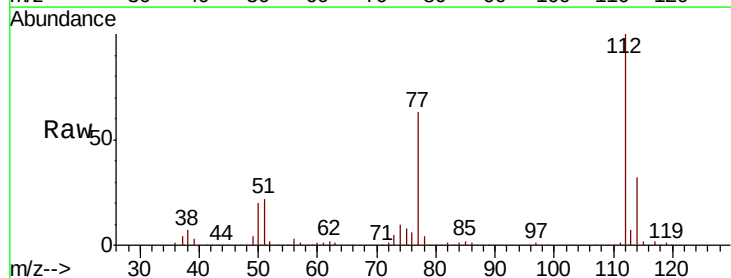


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

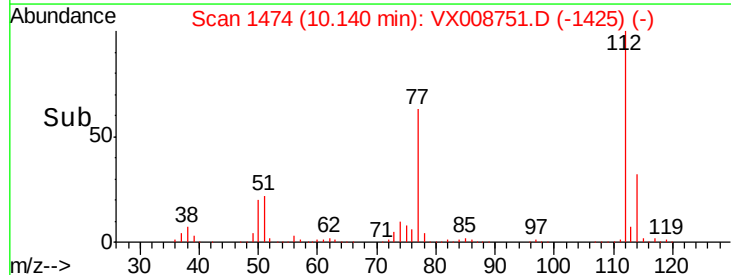
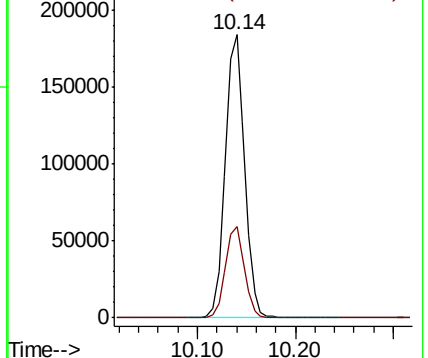


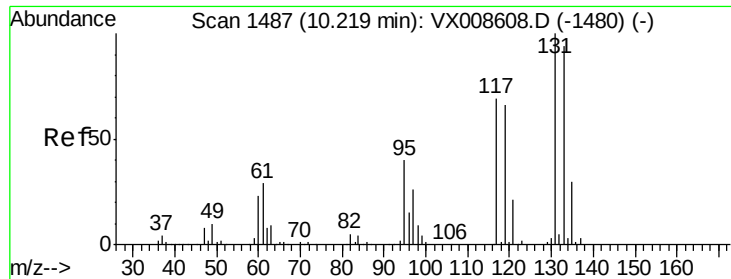
#65
Chlorobenzene
Concen: 45.665 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion:112 Resp: 251061
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

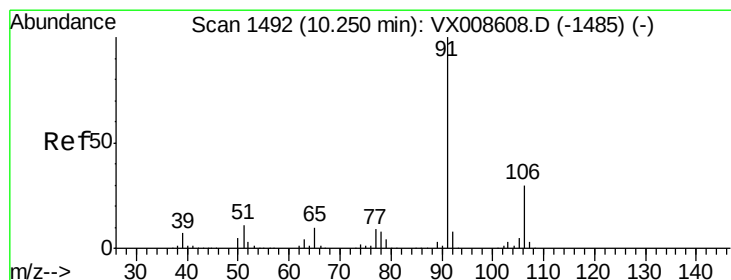
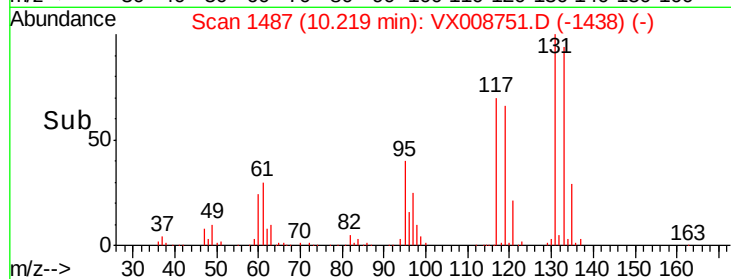
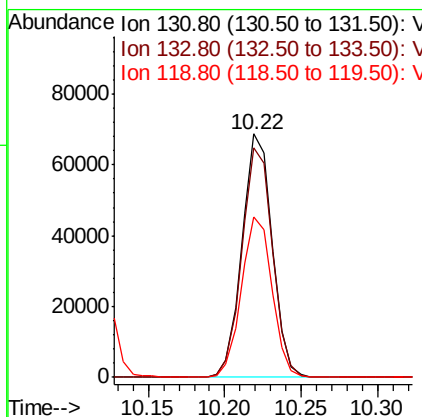
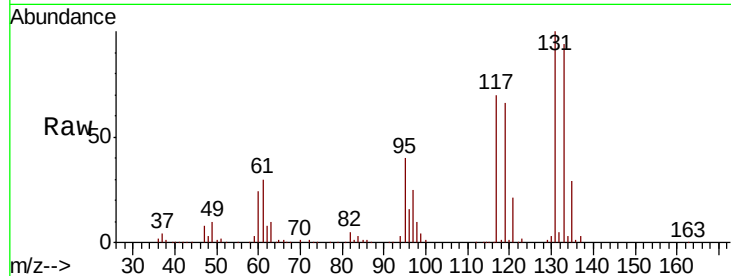




#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.760 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

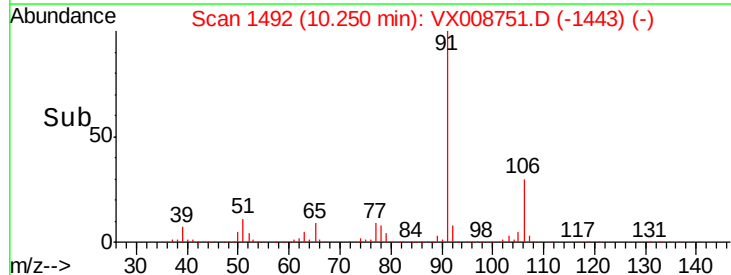
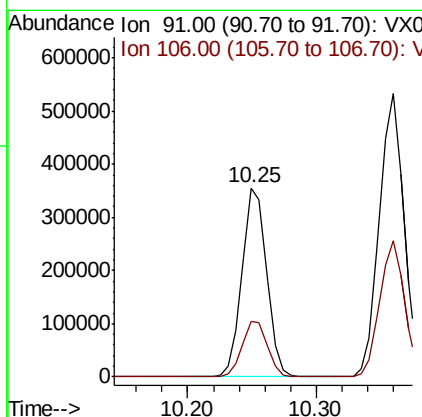
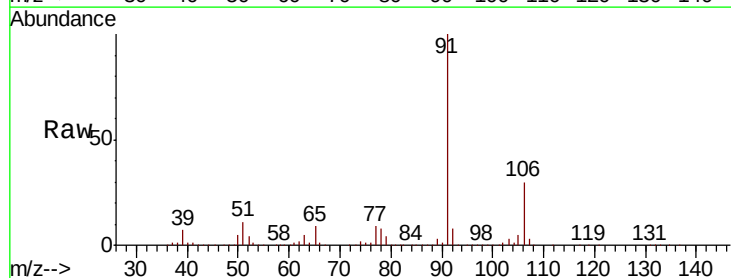
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

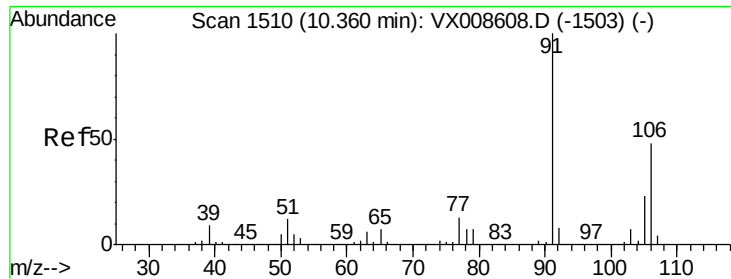
Tot Ion:131 Resp: 94047
 Ion Ratio Lower Upper
 131 100
 133 95.4 47.0 141.2
 119 66.8 33.7 101.0



#67
 Ethyl Benzene
 Concen: 45.719 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion: 91 Resp: 468708
 Ion Ratio Lower Upper
 91 100
 106 29.6 23.7 35.5





#68

m/p-Xylenes

Concen: 92.441 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

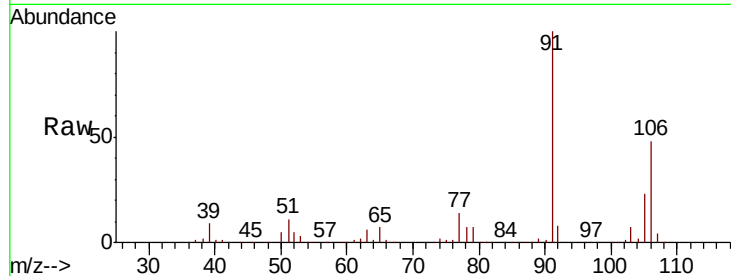
ST008MW214-190403MSD

Tot Ion:106 Resp: 340746

Ion Ratio Lower Upper

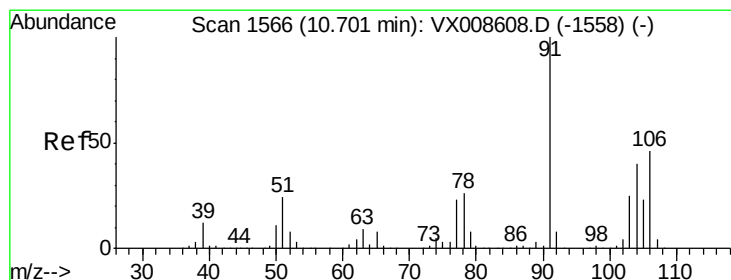
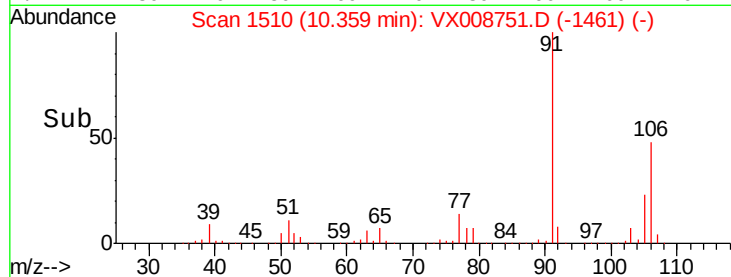
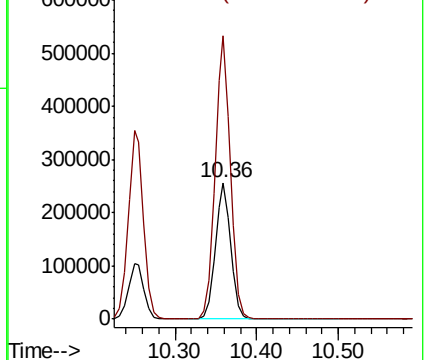
106 100

91 206.9 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 46.553 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX008751.D

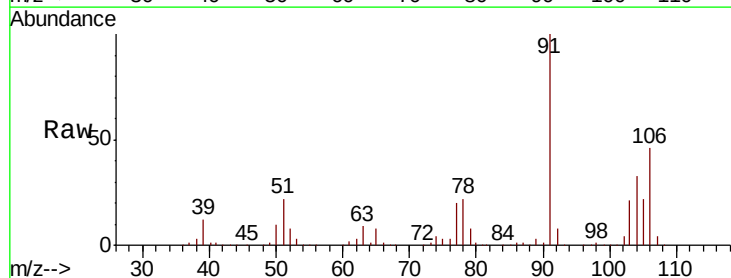
Acq: 08 Apr 2019 17:35

Tgt Ion:106 Resp: 166297

Ion Ratio Lower Upper

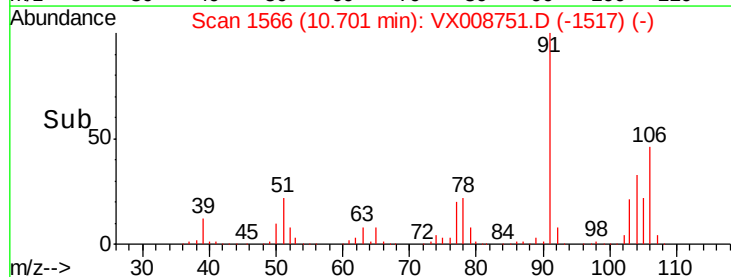
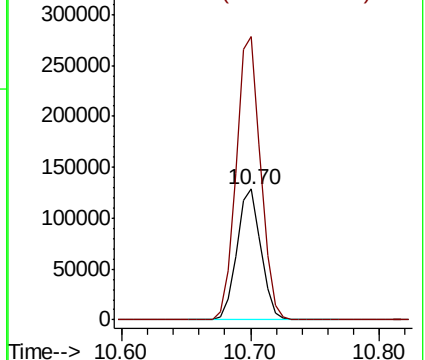
106 100

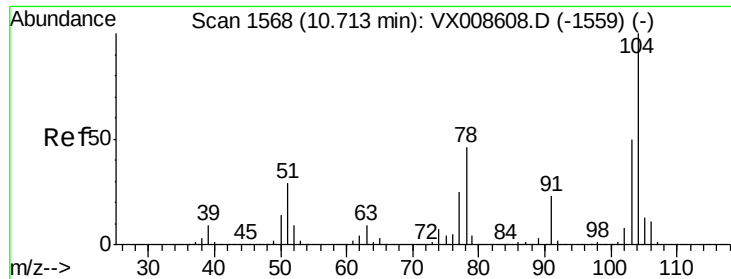
91 220.2 111.5 334.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 47.089 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

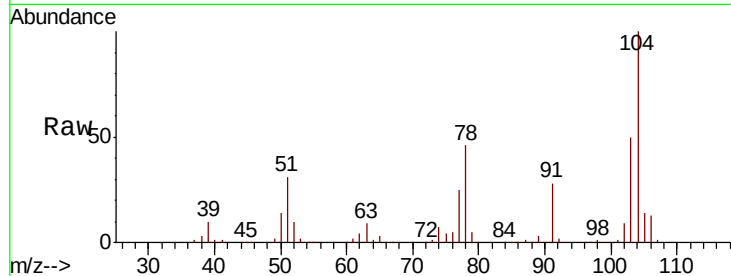
Tot Ion:104 Resp: 289958

Ion Ratio Lower Upper

104 100

78 51.9 42.3 63.5

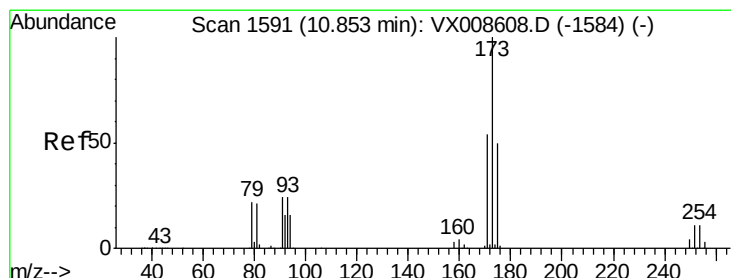
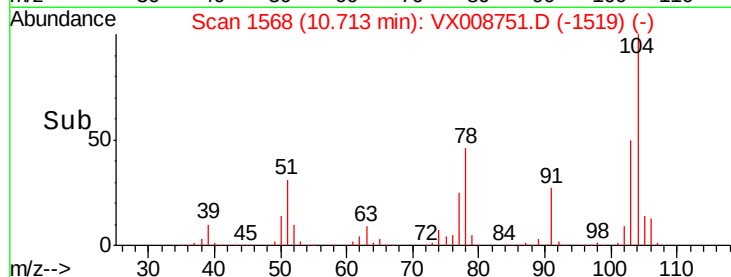
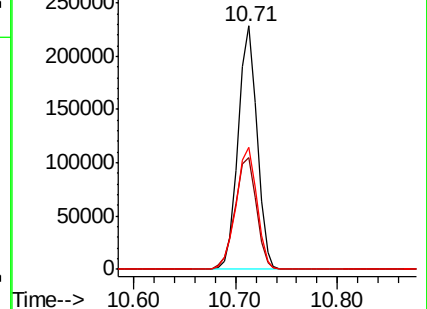
103 55.2 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 50.999 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

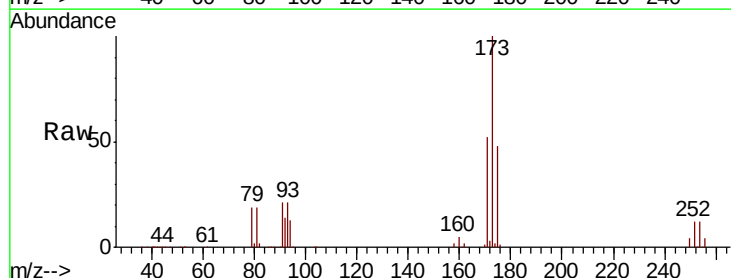
Tgt Ion:173 Resp: 75127

Ion Ratio Lower Upper

173 100

175 48.1 24.9 74.6

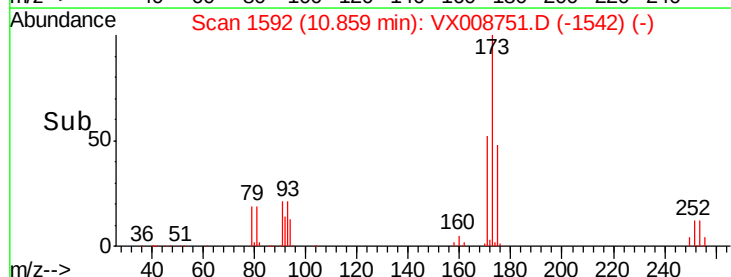
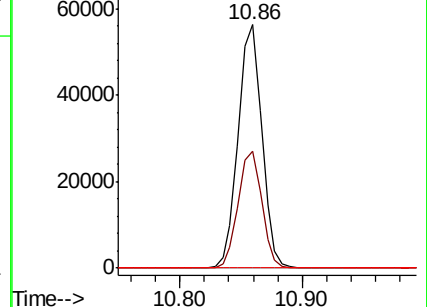
254 0.1 0.1 0.1#

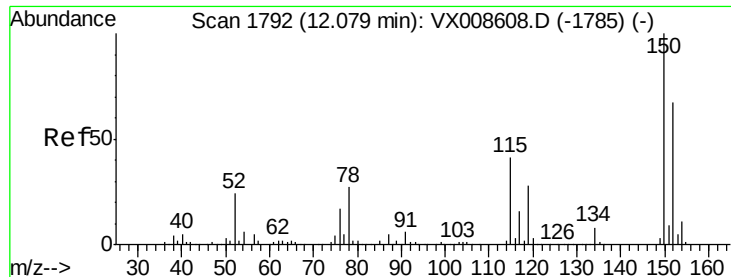


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

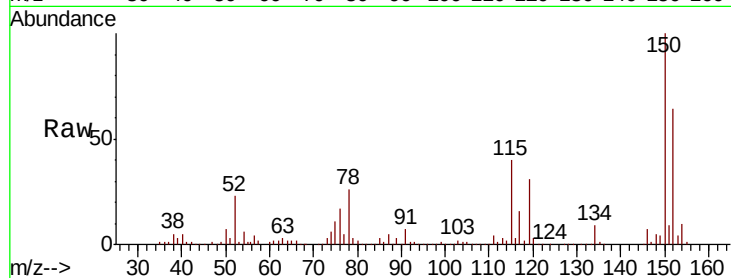
Tot Ion:152 Resp: 114742

Ion Ratio Lower Upper

152 100

115 82.8 43.5 130.5

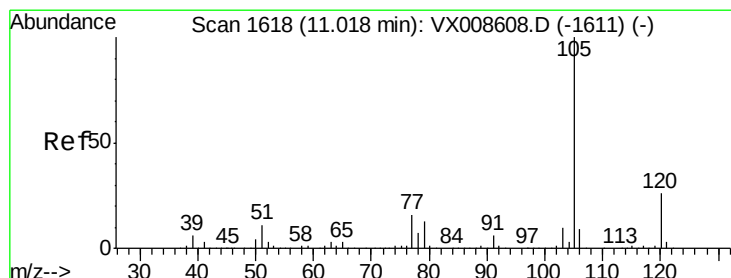
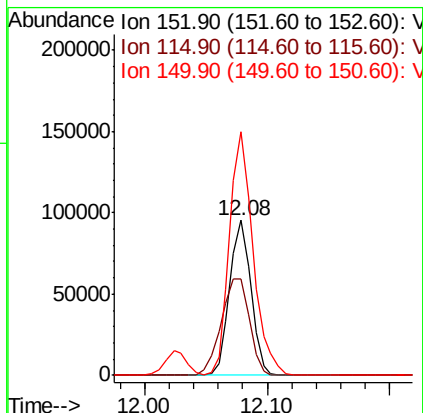
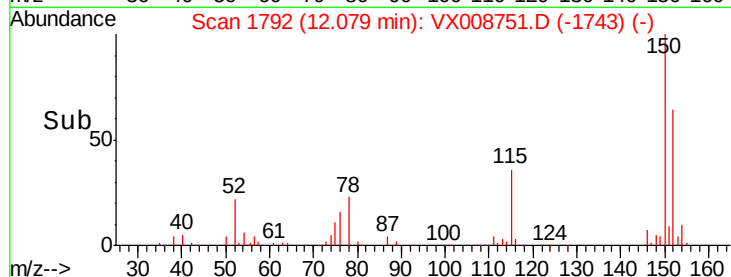
150 173.2 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 45.985 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008751.D

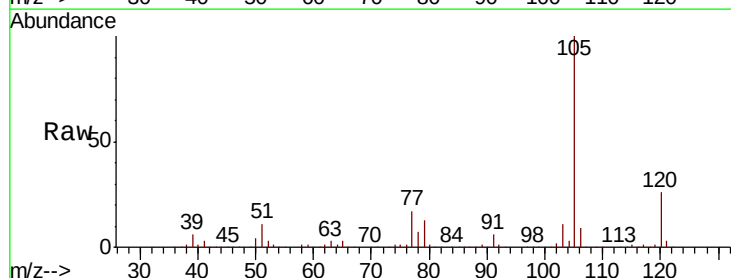
Acq: 08 Apr 2019 17:35

Tgt Ion:105 Resp: 437275

Ion Ratio Lower Upper

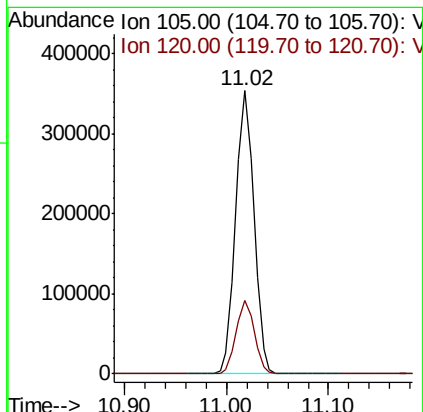
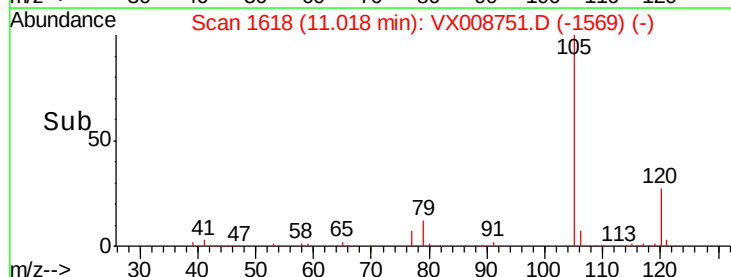
105 100

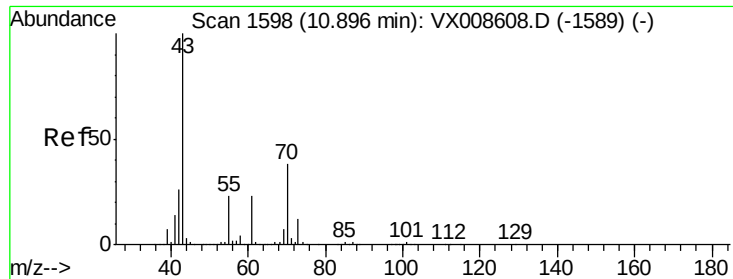
120 26.0 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.333 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

Tot Ion: 43 Resp: 270400

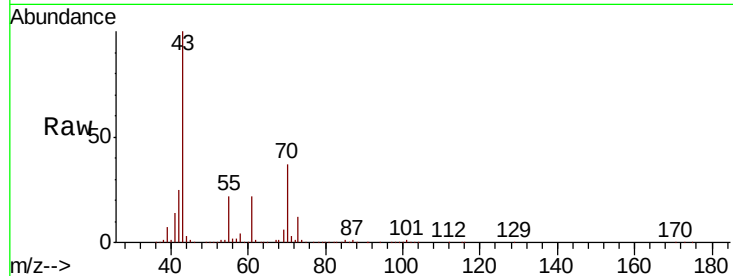
Ion Ratio Lower Upper

43 100

70 37.6 30.2 45.4

55 22.3 18.2 27.4

61 22.4 18.6 28.0

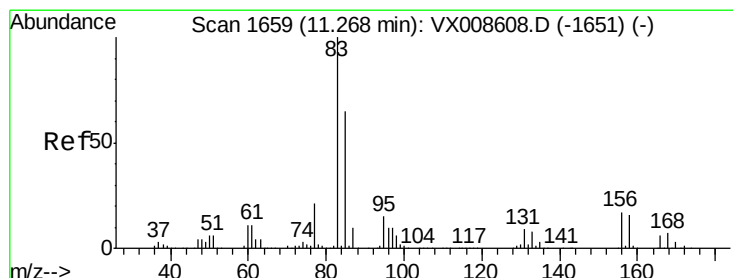
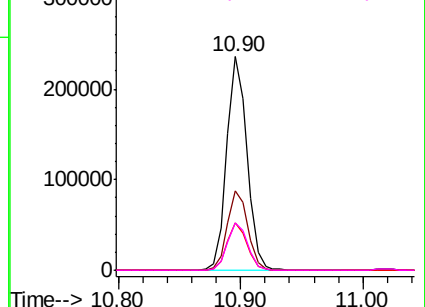
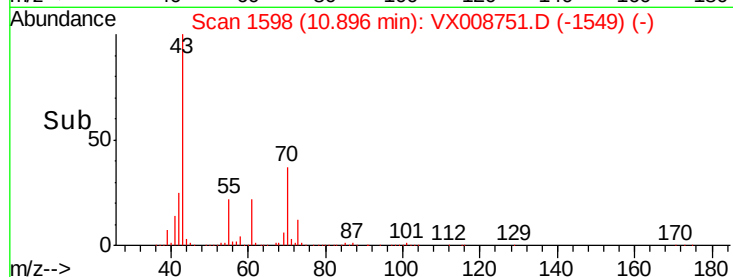


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 47.550 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

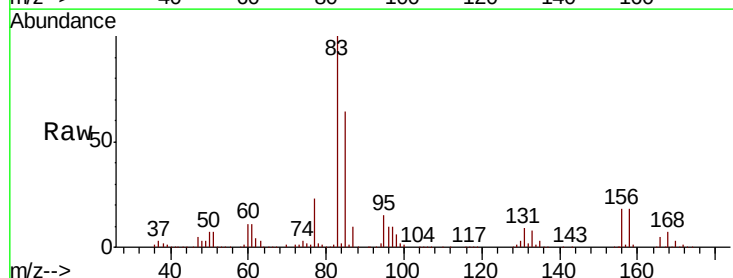
Tgt Ion: 83 Resp: 171960

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

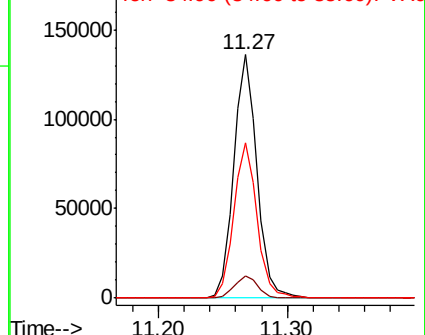
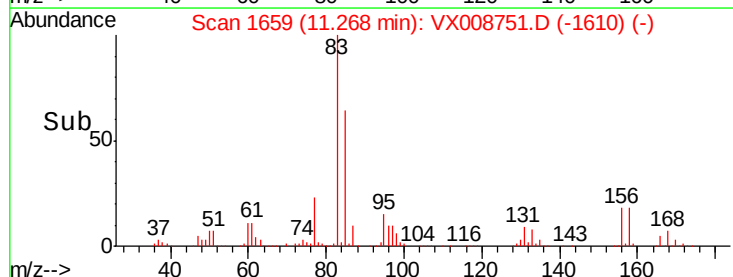
85 64.1 32.0 96.2

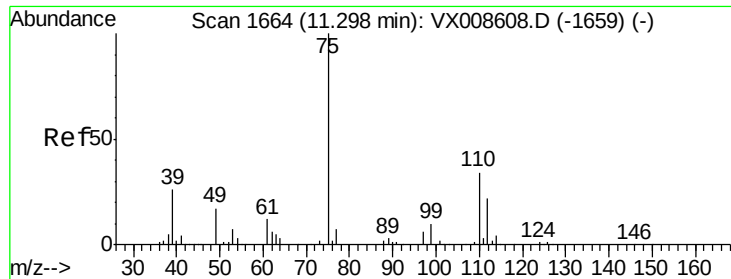


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 63.826 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

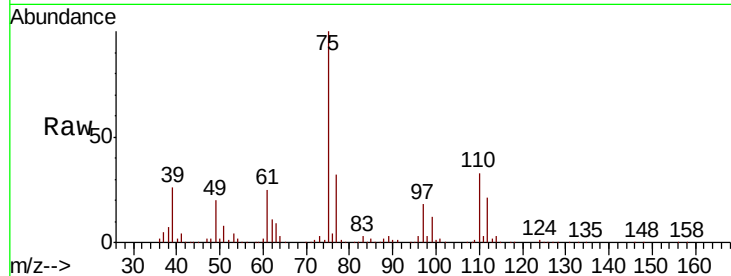
ST008MW214-190403MSD

Tot Ion: 75 Resp: 201184

Ion Ratio Lower Upper

75 100

77 31.2 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX008608.D (-1659) (-)

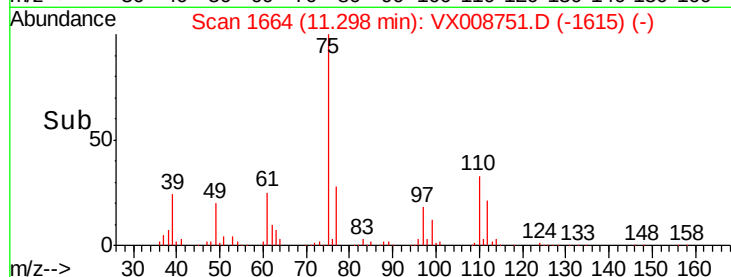
Ion 77.00 (76.70 to 77.70): VX008608.D (-1659) (-)

11.30

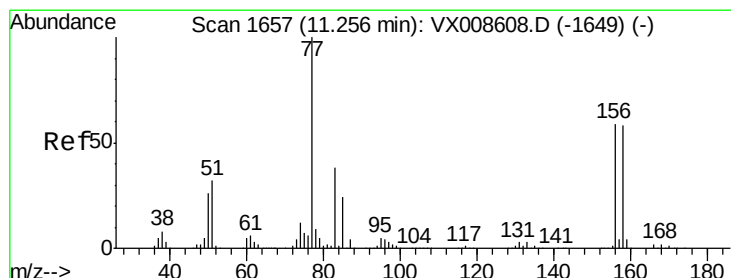
11.25

11.30

11.35



Time-->



#77

Bromobenzene

Concen: 46.697 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

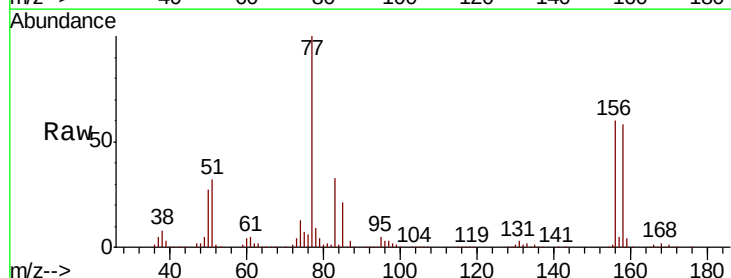
Tgt Ion: 156 Resp: 106749

Ion Ratio Lower Upper

156 100

77 177.4 89.8 269.6

158 96.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): VX008608.D (-1649) (-)

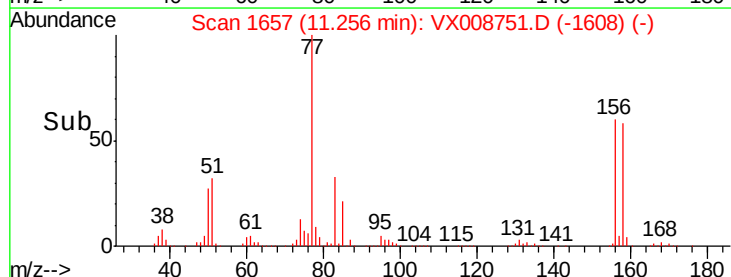
Ion 77.00 (76.70 to 77.70): VX008608.D (-1649) (-)

Ion 157.80 (157.50 to 158.50): VX008608.D (-1649) (-)

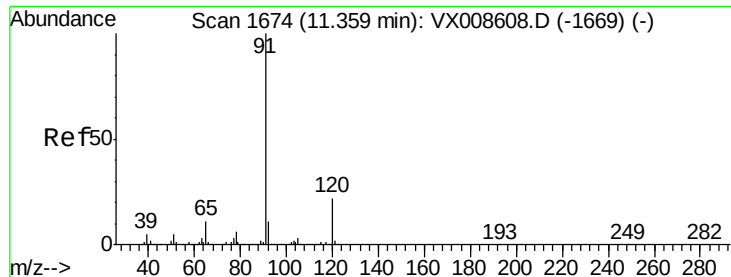
11.26

11.20

11.30



Time-->



#78

n-propylbenzene

Concen: 45.703 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

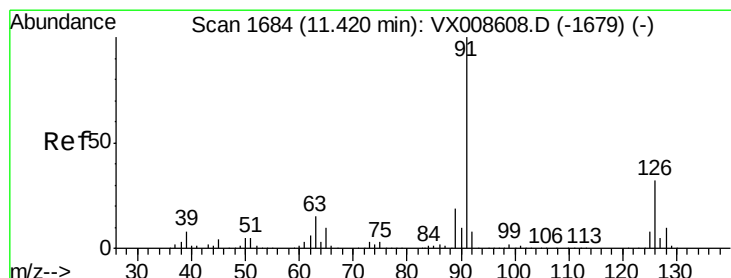
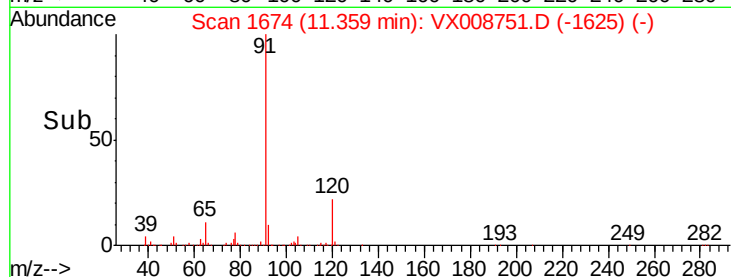
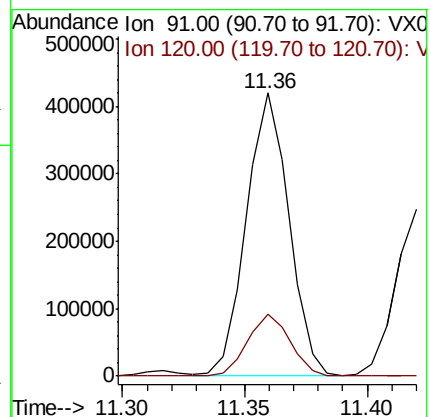
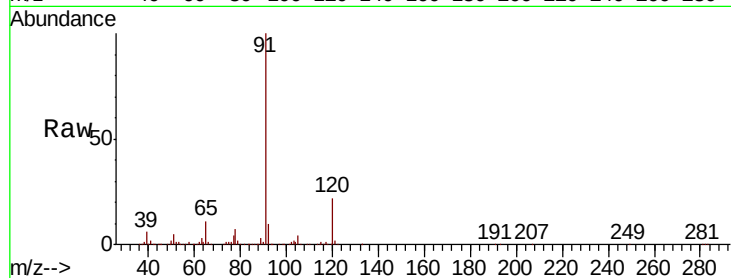
ST008MW214-190403MSD

Tot Ion: 91 Resp: 506028

Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.7



#79

2-Chlorotoluene

Concen: 44.940 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008751.D

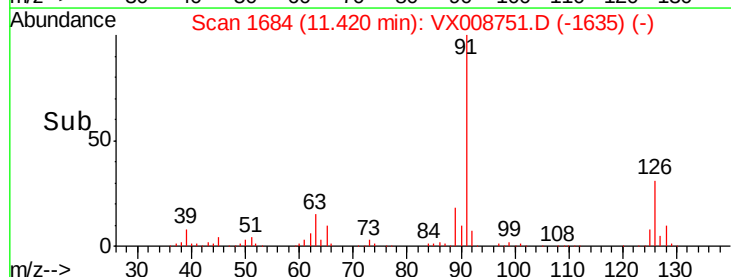
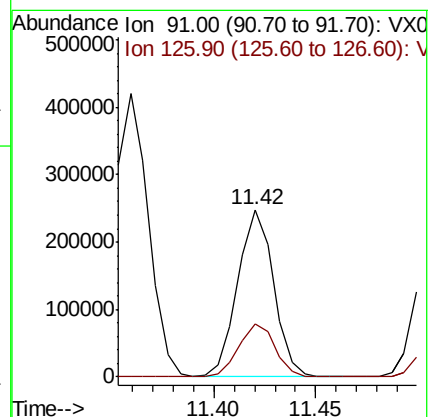
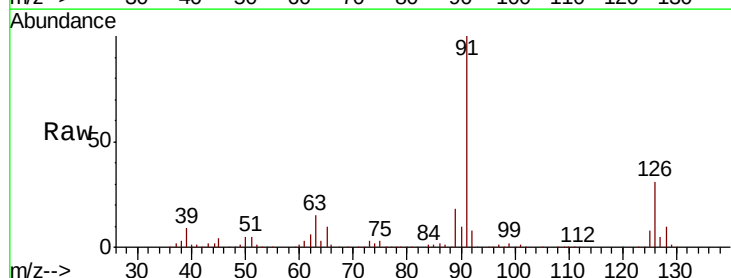
Acq: 08 Apr 2019 17:35

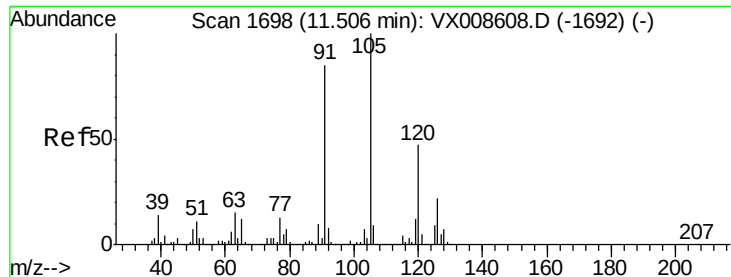
Tgt Ion: 91 Resp: 301112

Ion Ratio Lower Upper

91 100

126 32.3 16.1 48.3

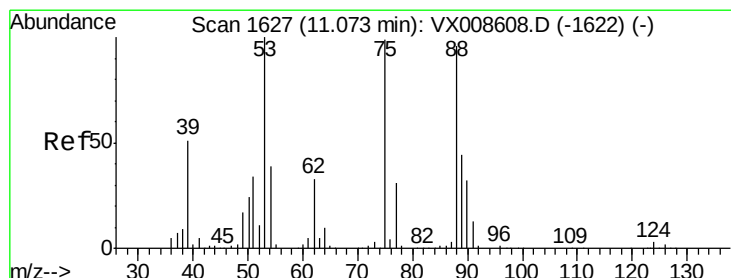
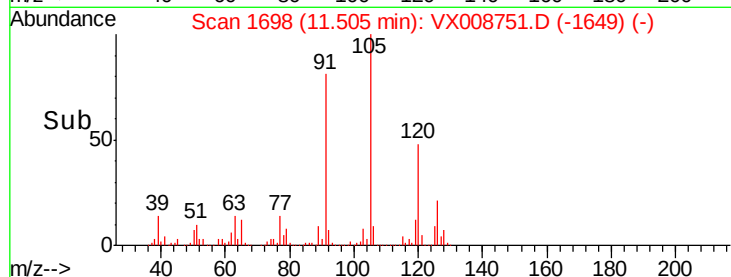
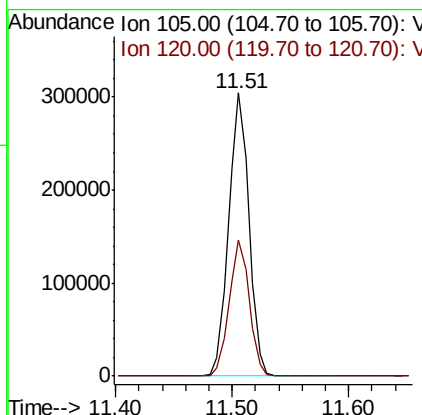
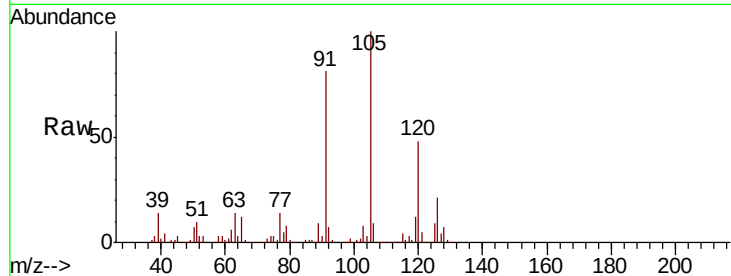




#80
 1,3,5-Trimethylbenzene
 Concen: 46.044 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

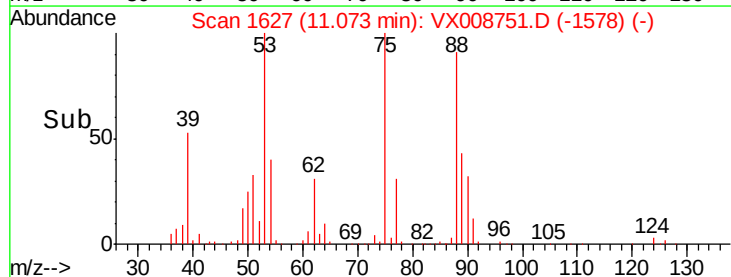
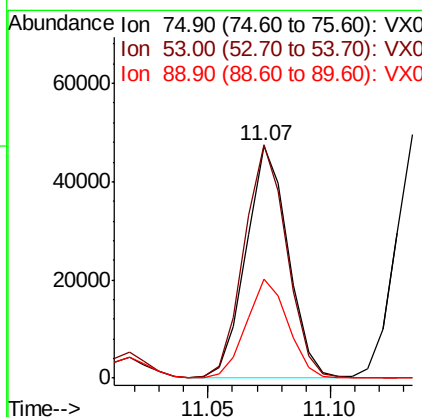
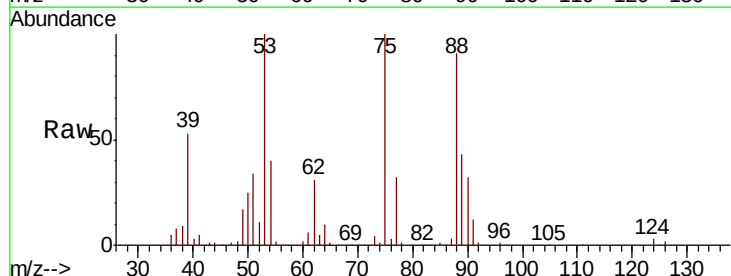
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

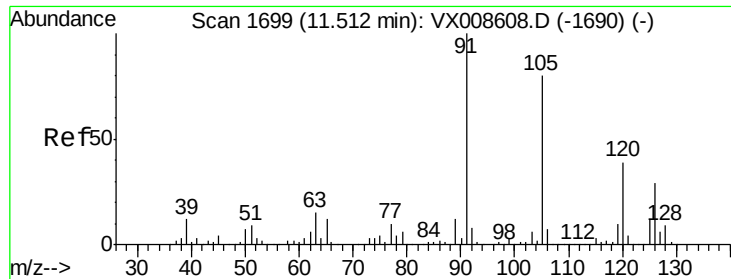
Tot Ion:105 Resp: 367520
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.005 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion: 75 Resp: 56036
 Ion Ratio Lower Upper
 75 100
 53 102.3 81.3 121.9
 89 42.9 35.6 53.4

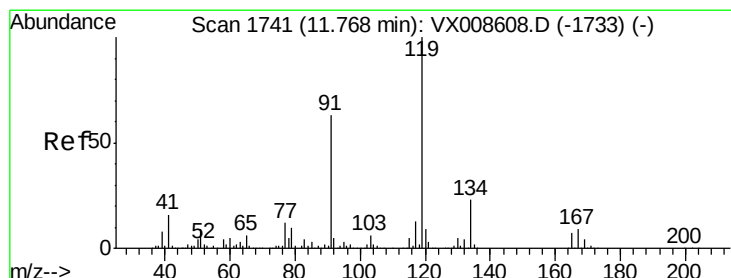
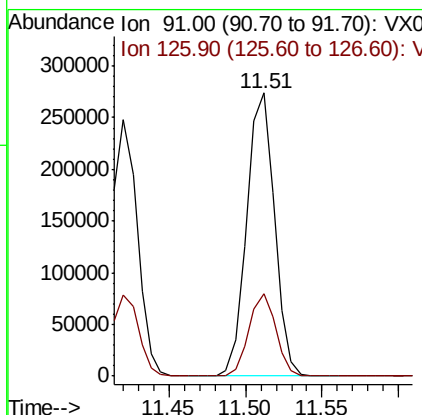
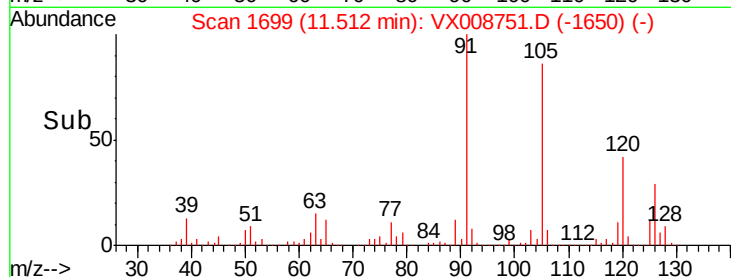
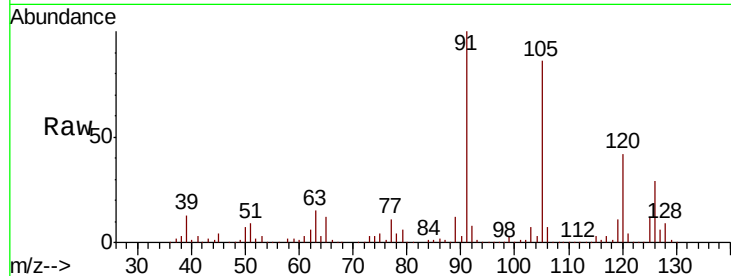




#82
4-Chlorotoluene
Concen: 44.676 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

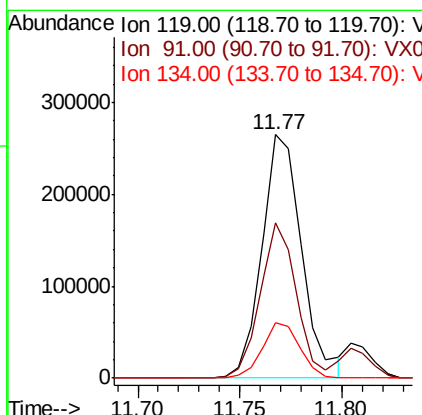
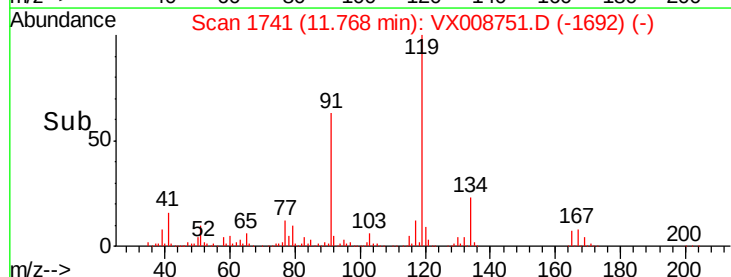
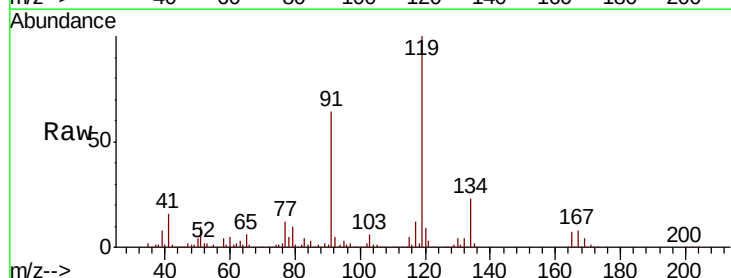
Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

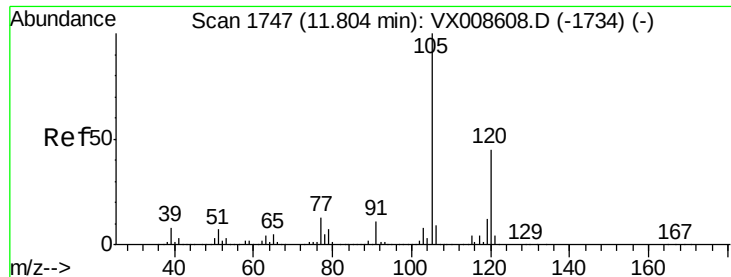
Tot Ion: 91 Resp: 346498
Ion Ratio Lower Upper
91 100
126 28.3 13.9 41.6



#83
tert-Butylbenzene
Concen: 46.956 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion: 119 Resp: 360587
Ion Ratio Lower Upper
119 100
91 57.8 30.0 90.1
134 21.6 11.1 33.3

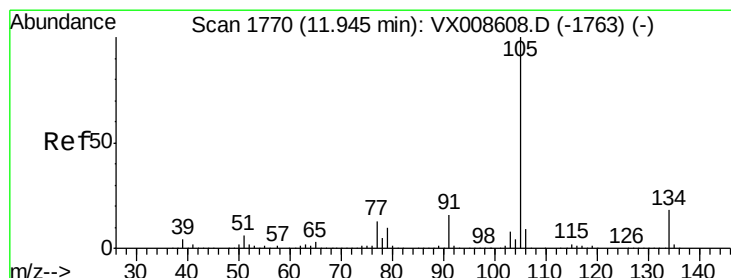
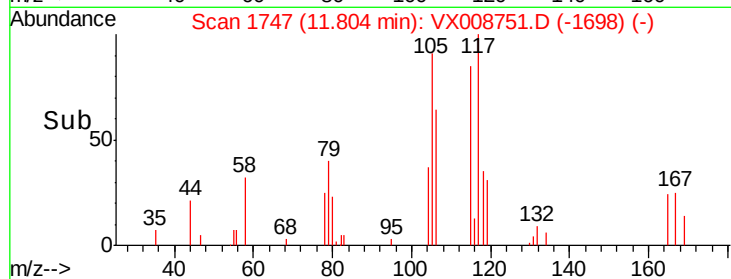
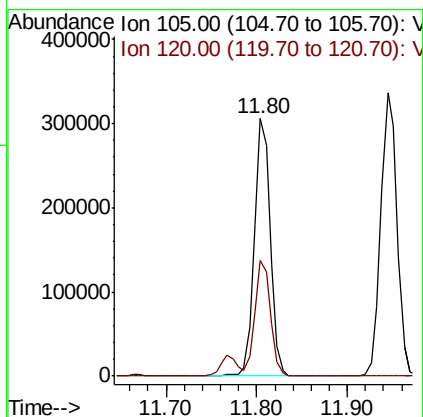
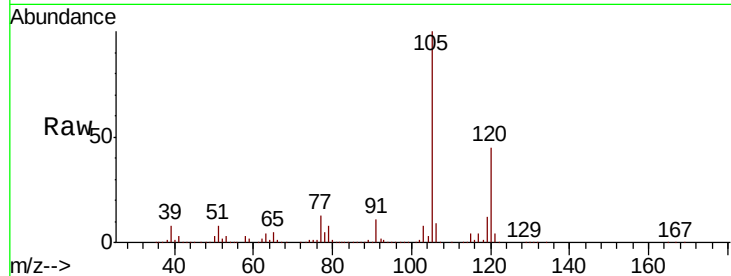




#84
 1,2,4-Trimethylbenzene
 Concen: 45.886 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

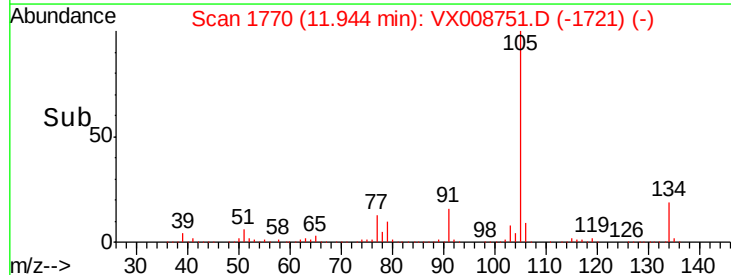
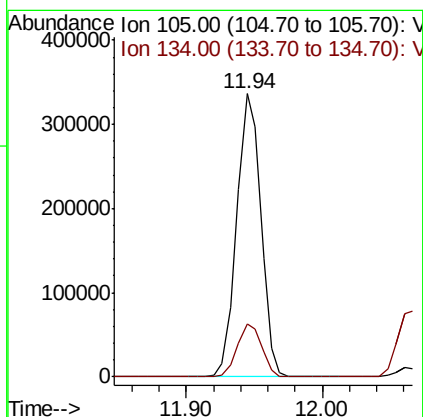
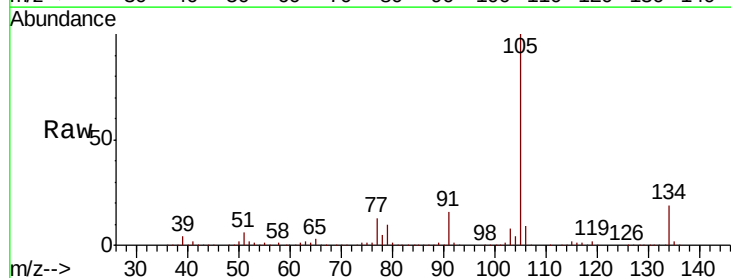
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

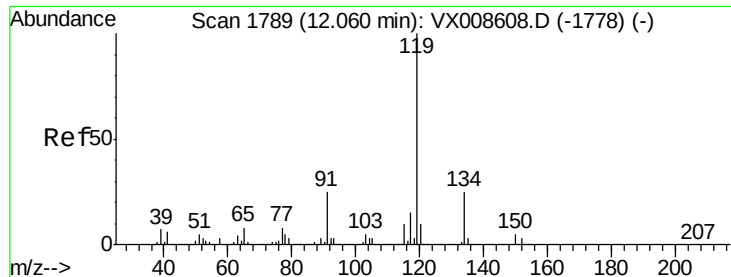
Tot Ion:105 Resp: 370866
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 45.668 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion:105 Resp: 416564
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.2

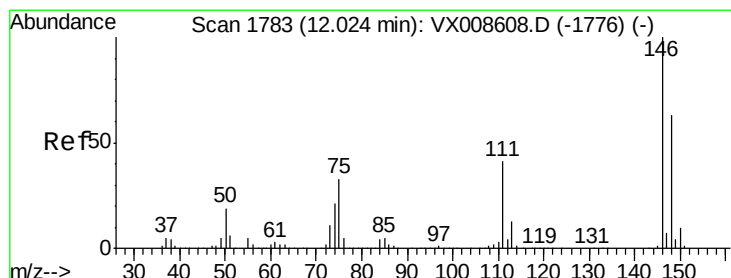
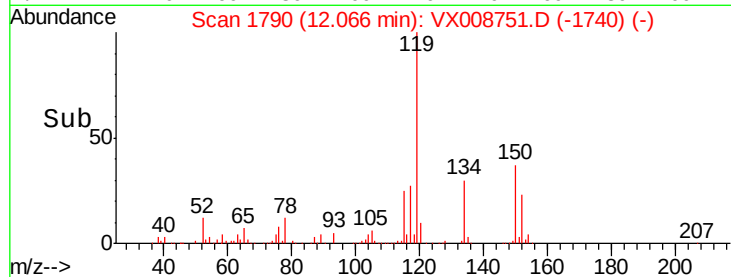
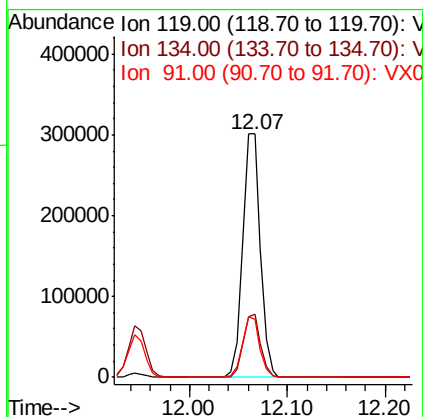
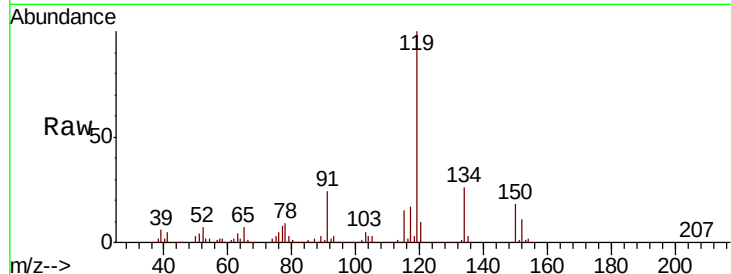




#86
 p-Isopropyltoluene
 Concen: 45.917 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

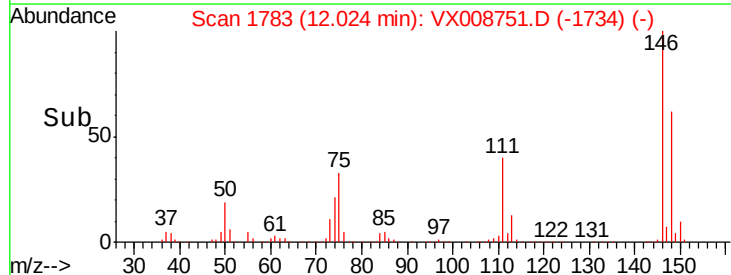
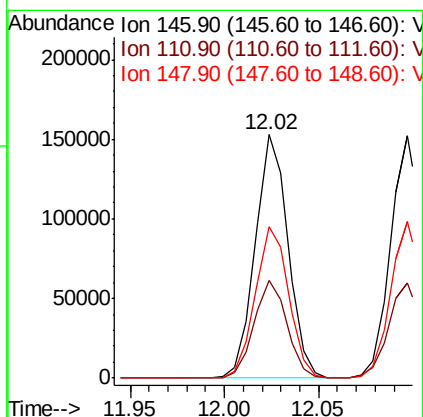
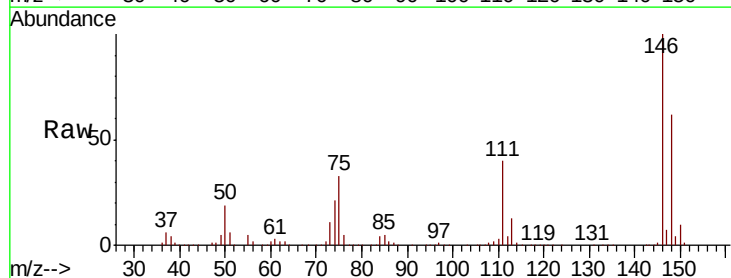
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

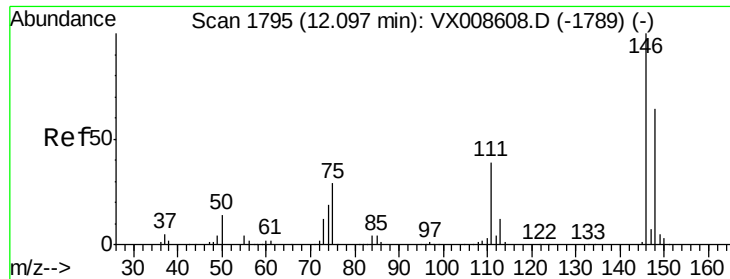
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.8	38.4
91	24.1	12.2	36.6



#87
 1,3-Dichlorobenzene
 Concen: 45.028 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.5	61.5
148	63.5	31.6	94.7

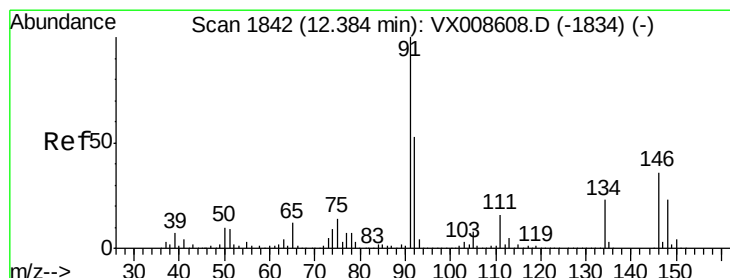
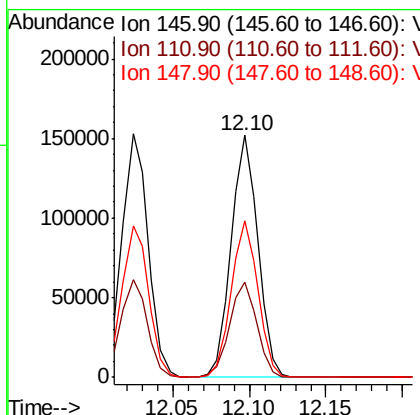
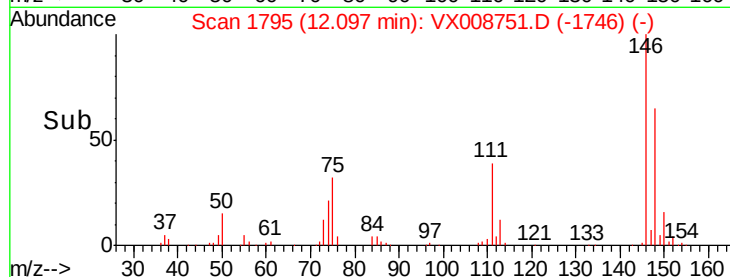
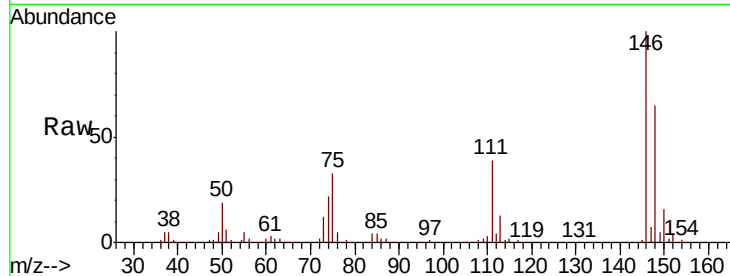




#88
 1,4-Dichlorobenzene
 Concen: 44.320 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

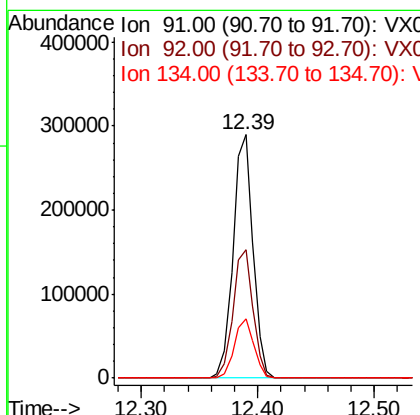
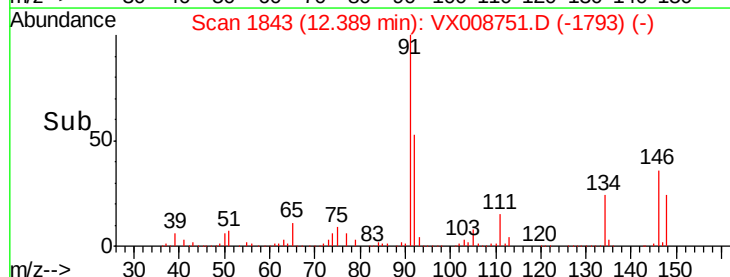
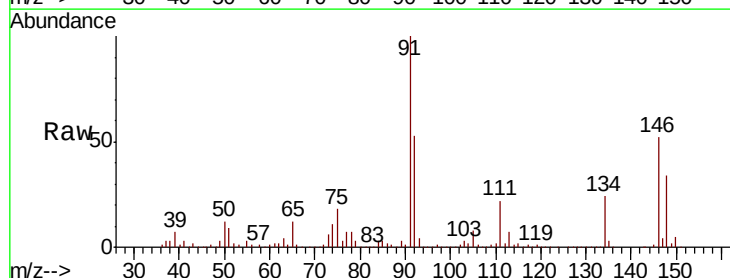
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

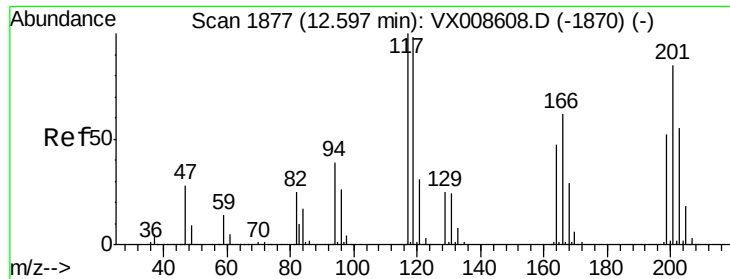
Tot Ion:146 Resp: 183662
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.2 60.6
 148 64.6 32.0 96.0



#89
 n-Butylbenzene
 Concen: 44.742 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion: 91 Resp: 343524
 Ion Ratio Lower Upper
 91 100
 92 53.0 26.4 79.2
 134 24.1 12.0 36.0





#90

Hexachloroethane

Concen: 46.712 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

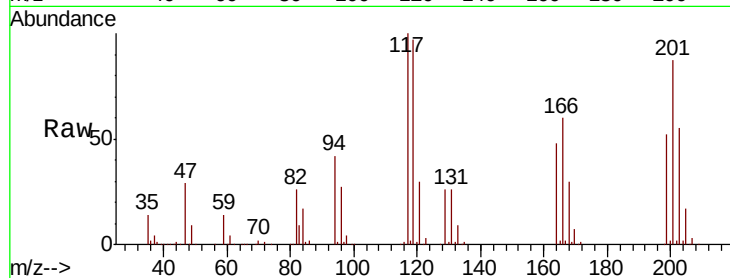
ST008MW214-190403MSD

Tot Ion:117 Resp: 63430

Ion Ratio Lower Upper

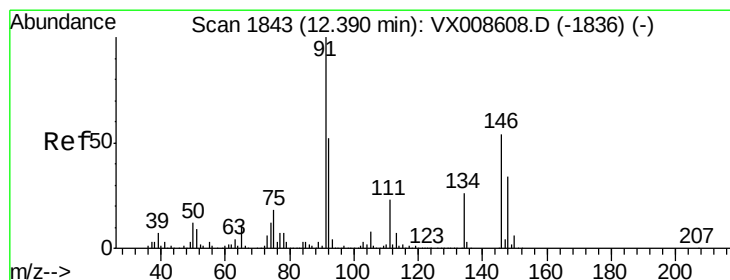
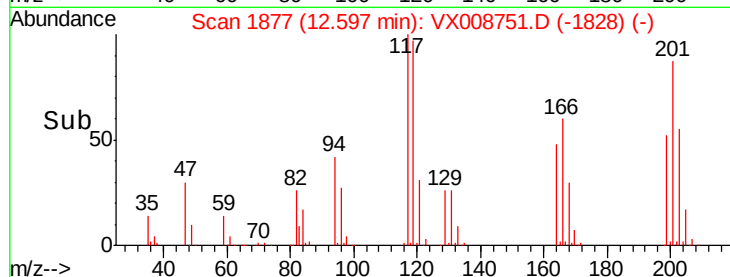
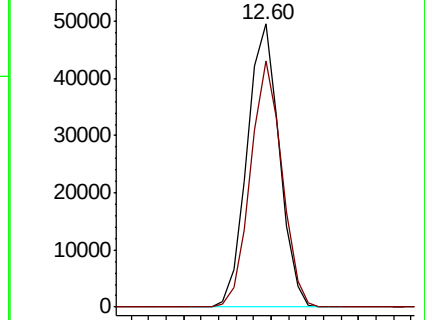
117 100

201 84.8 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 45.407 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

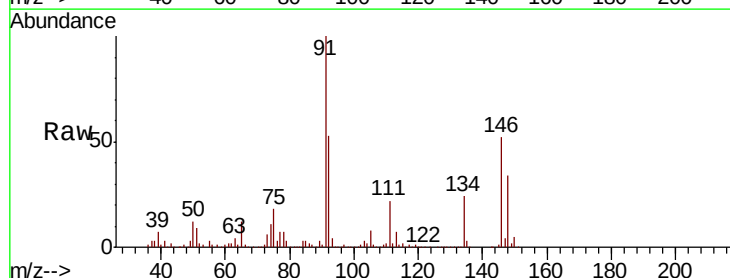
Tgt Ion:146 Resp: 184501

Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.9

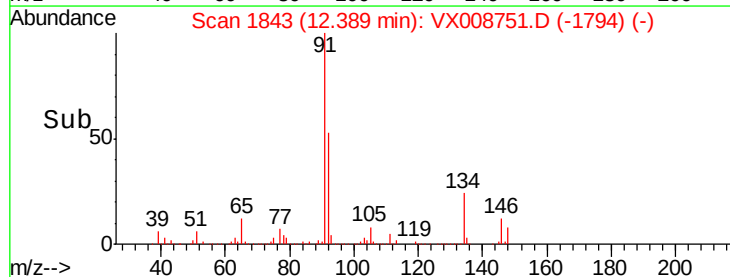
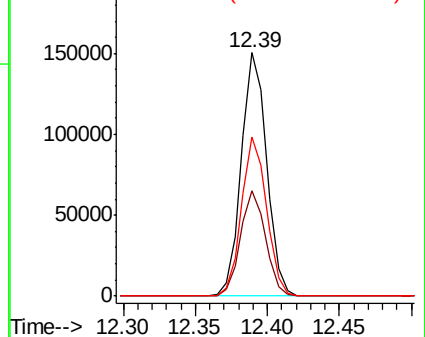
148 64.4 31.7 95.1

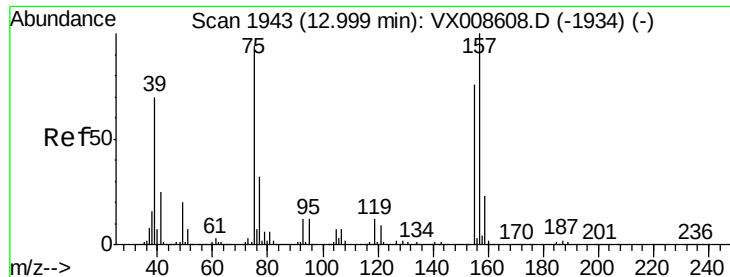


Abundance Ion 145.90 (145.60 to 146.60): V

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: 50.846 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

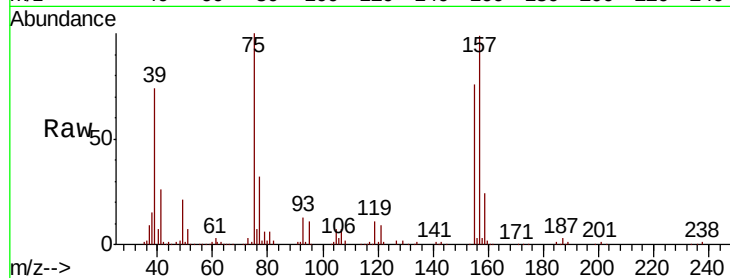
Tot Ion: 75 Resp: 40450

Ion Ratio Lower Upper

75 100

155 80.0 39.9 119.6

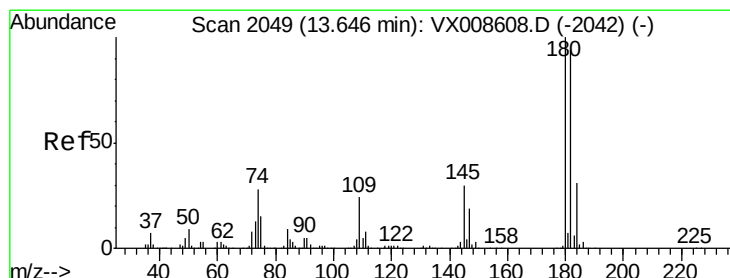
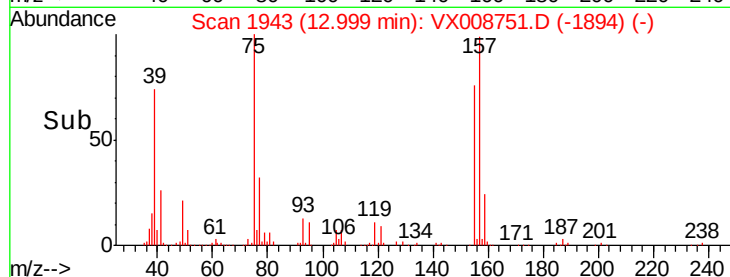
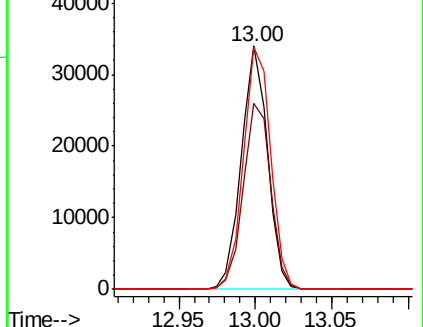
157 103.2 51.5 154.7



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: 45.406 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

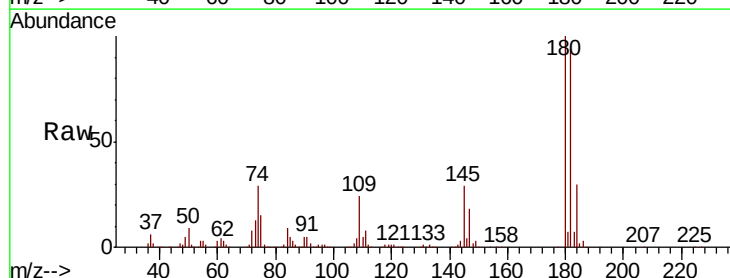
Tgt Ion:180 Resp: 128279

Ion Ratio Lower Upper

180 100

182 95.2 47.2 141.6

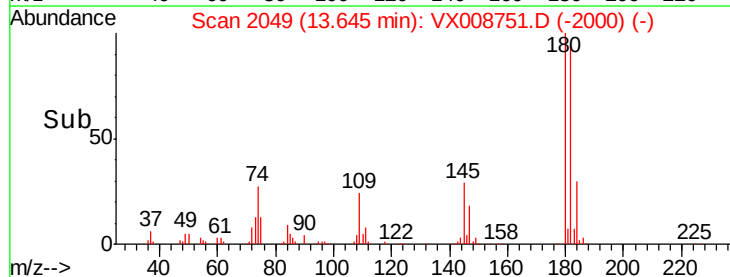
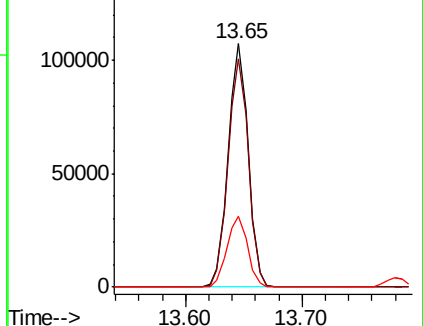
145 29.7 15.3 45.9

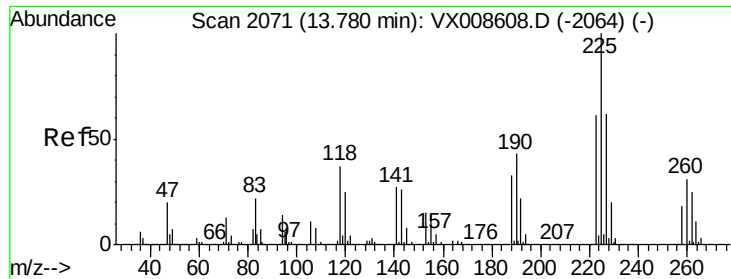


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 44.675 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

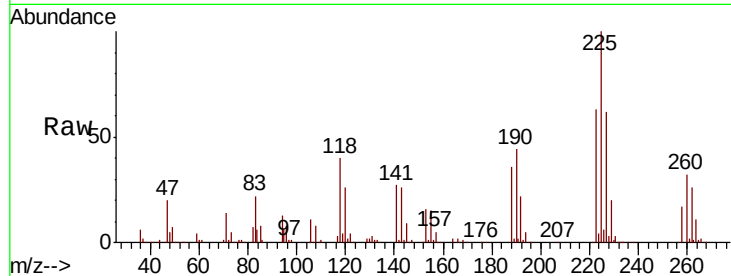
Tot Ion:225 Resp: 60530

Ion Ratio Lower Upper

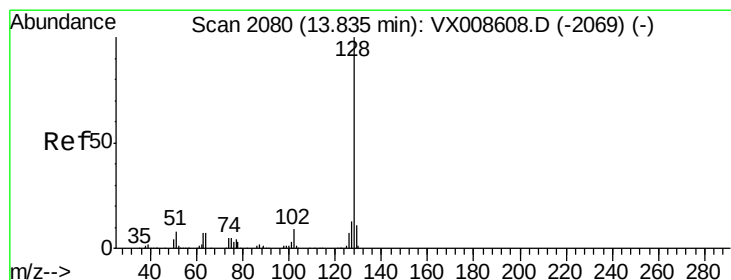
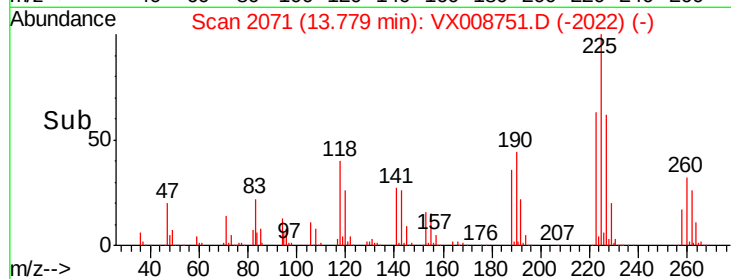
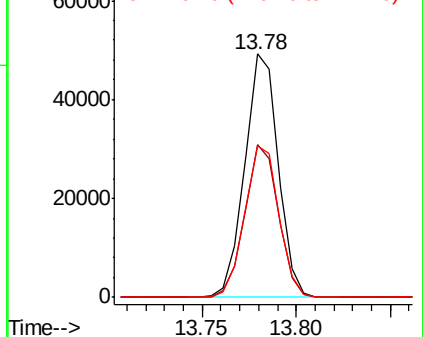
225 100

223 62.9 31.2 93.6

227 63.6 31.9 95.5



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



#95

Naphthalene

Concen: 49.049 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

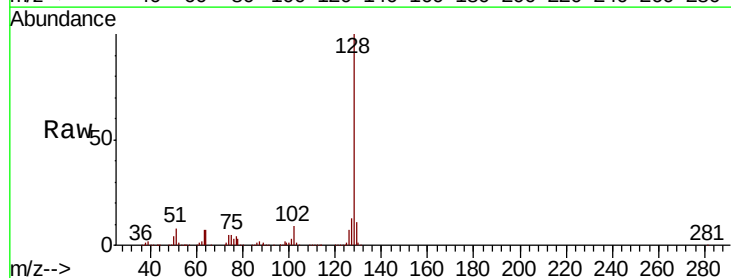
Tgt Ion:128 Resp: 463134

Ion Ratio Lower Upper

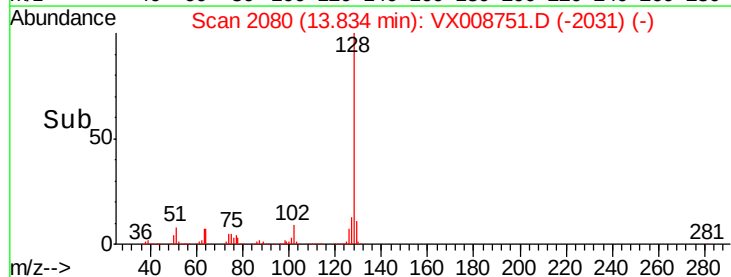
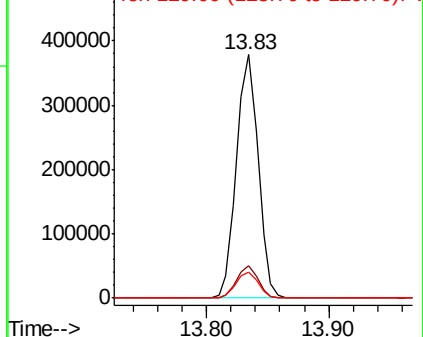
128 100

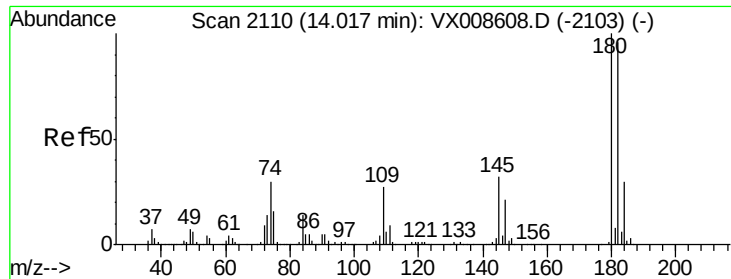
127 13.0 10.4 15.6

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

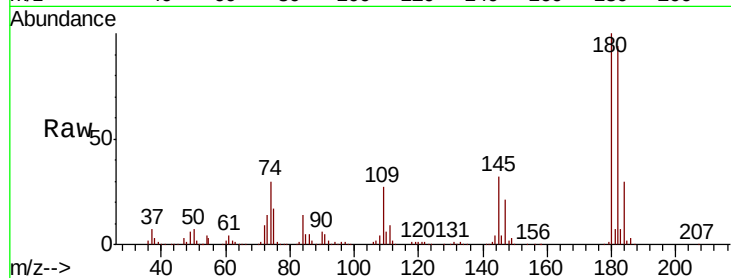




#96
 1,2,3-Trichlorobenzene
 Concen: 46.557 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.1	144.3
145	31.1	16.3	48.8



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

