

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007930.D
 Acq On : 08 Mar 2019 14:43
 Operator : JC/SP
 Sample : VX0308WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Quant Time: Mar 09 03:25:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	47022	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	250729	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	221087	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	91467	29.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.63%
60) 4-Bromofluorobenzene	11.13	95	107295	30.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.37%
63) Toluene-d8	8.71	98	304422	30.09	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	48819	17.488	ug/l 98
3) Chloromethane	1.33	50	54118	17.434	ug/l 96
4) Vinyl Chloride	1.41	62	52429	17.051	ug/l 97
5) Bromomethane	1.64	94	28968	18.897	ug/l 96
6) Chloroethane	1.73	64	30701	17.096	ug/l 96
7) Trichlorofluoromethane	1.93	101	63171	16.498	ug/l 99
8) Diethyl Ether	2.19	74	34961	17.730	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49433	17.172	ug/l 99
10) 1,1-Dichloroethene	2.38	96	48495	17.773	ug/l 94
11) Methyl Iodide	2.51	142	74030	17.332	ug/l 94
12) Methyl Acetate	2.78	43	75357	17.463	ug/l 97
13) Acrolein	2.30	56	44010	86.931	ug/l 99
14) Acrylonitrile	3.15	53	168193	91.817	ug/l 99
15) Acetone	2.45	58	50363	76.150	ug/l 98
16) Carbon Disulfide	2.57	76	151481	17.695	ug/l 99
17) Allyl chloride	2.73	41	98565	17.620	ug/l 91
18) Methylene Chloride	2.86	84	54857	17.648	ug/l 93
19) trans-1,2-Dichloroethene	3.17	96	50968	17.654	ug/l 98
20) Diisopropyl ether	3.87	45	183956	17.975	ug/l 91
21) 1,1-Dichloroethane	3.70	63	97548	17.526	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	59357	17.824	ug/l 92
23) tert-Butyl Alcohol	3.07	59	70554	95.470	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	167506	17.855	ug/l 95
25) Chloroform	5.21	83	93845	17.864	ug/l 98
26) Cyclohexane	5.58	56	90176	17.533	ug/l # 91
29) 1,1-Dichloropropene	5.80	75	71223	17.915	ug/l 97
30) 2-Butanone	4.70	43	239922	89.479	ug/l 97
31) 2,2-Dichloropropane	4.59	77	62081	16.907	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	76712	17.845	ug/l 98
33) Carbon Tetrachloride	5.79	117	66831	17.527	ug/l 99
34) Benzene	6.15	78	220469	18.096	ug/l 98
35) Methacrylonitrile	5.06	41	48598	18.600	ug/l 94
36) 1,2-Dichloroethane	6.20	62	71497	18.038	ug/l 98
37) Trichloroethene	7.21	130	59387	17.991	ug/l 96
38) Methylcyclohexane	7.46	83	87683	17.348	ug/l 95
39) 1,2-Dichloropropane	7.52	63	57670	18.151	ug/l 98
40) Dibromomethane	7.66	93	36575	18.148	ug/l 93

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	67670	17.764	ug/l	99
42) Vinyl Acetate	3.82	43	806788	92.953	ug/l	97
43) Ethyl Acetate	4.85	43	86047	18.424	ug/l #	83
44) Isopropyl Acetate	6.46	43	129195	18.129	ug/l	100
45) 1,4-Dioxane	7.75	88	29316	393.201	ug/l	92
46) Methyl methacrylate	7.77	41	68737	18.340	ug/l	89
47) n-amyl Acetate	10.90	43	110708	18.030	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	69913	16.946	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	81436	17.432	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	55799	18.164	ug/l	95
51) Ethyl methacrylate	9.18	69	84028	18.036	ug/l	93
52) 1,3-Dichloropropane	9.37	76	92914	18.305	ug/l	98
53) Dibromochloromethane	9.58	129	56202	17.786	ug/l	100
54) 1,2-Dibromoethane	9.67	107	58804	18.310	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	212175	97.919	ug/l	98
56) Bromoform	10.85	173	43830	17.389	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	440861	96.853	ug/l	99
59) 2-Hexanone	9.49	43	336366	93.614	ug/l	100
61) Tetrachloroethene	9.34	164	59843	18.555	ug/l	96
62) Toluene	8.78	91	234861	18.192	ug/l	100
64) Chlorobenzene	10.14	112	148338	18.028	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	52942	17.971	ug/l	99
66) Ethyl Benzene	10.25	91	249365	17.983	ug/l	99
67) m/p-Xylenes	10.36	106	192015	36.113	ug/l	96
68) o-Xylene	10.69	106	93598	18.128	ug/l	98
69) Styrene	10.71	104	152729	17.953	ug/l	99
70) Isopropylbenzene	11.02	105	251565	18.234	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	85429	18.749	ug/l	98
72) 1,2,3-Trichloropropane	11.30	75	95493	22.234	ug/l	92
73) Bromobenzene	11.26	156	67184	18.317	ug/l	96
74) n-propylbenzene	11.36	91	279403	17.954	ug/l	98
75) 2-Chlorotoluene	11.42	91	169089	18.127	ug/l	95
76) 1,3,5-Trimethylbenzene	11.51	105	207897	18.183	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	22031	16.602	ug/l	95
78) 4-Chlorotoluene	11.51	91	189776	17.995	ug/l	95
79) tert-butylbenzene	12.06	119	218296	17.791	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	209563	18.059	ug/l	98
81) sec-Butylbenzene	11.94	105	245864	17.889	ug/l	98
82) p-Isopropyltoluene	12.06	119	218296	17.791	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	116078	17.775	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	116267	17.795	ug/l	98
85) n-Butylbenzene	12.39	91	179701	17.125	ug/l	99
86) Hexachloroethane	12.60	117	34533	17.273	ug/l	84
87) 1,2-Dichlorobenzene	12.39	146	116399	18.036	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	16976	18.239	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	81036	17.472	ug/l	99
90) Hexachlorobutadiene	13.78	225	44477	17.387	ug/l	99
91) Naphthalene	13.83	128	238099	17.909	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	80756	17.517	ug/l	99

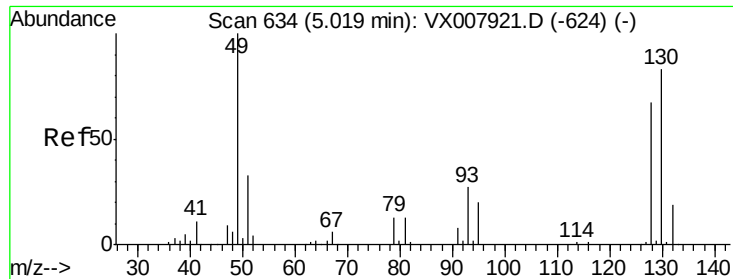
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

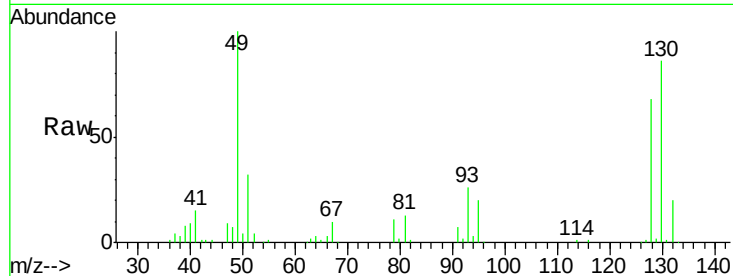
Tot Ion:128 Resp: 47022

Ion Ratio Lower Upper

128 100

49 156.2 0.0 350.8

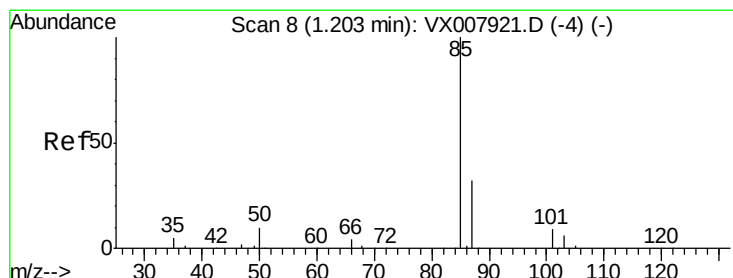
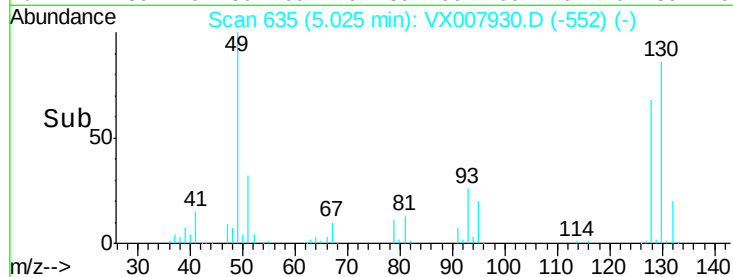
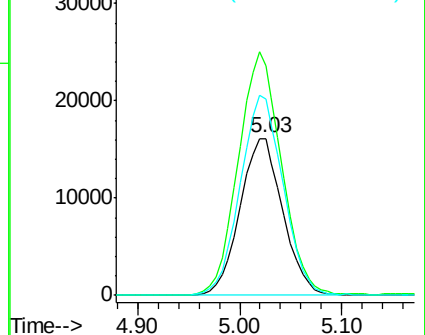
130 127.9 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.488 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007930.D

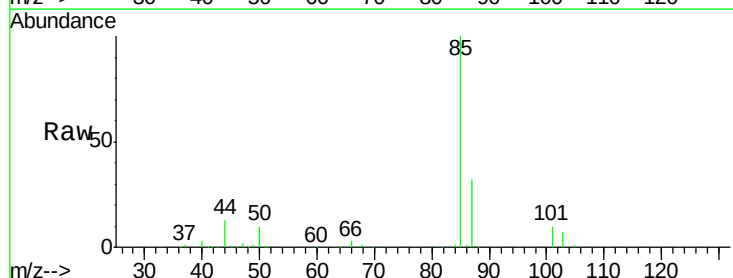
Acq: 08 Mar 2019 14:43

Tgt Ion: 85 Resp: 48819

Ion Ratio Lower Upper

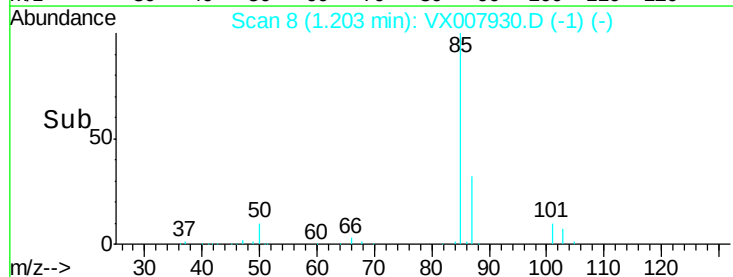
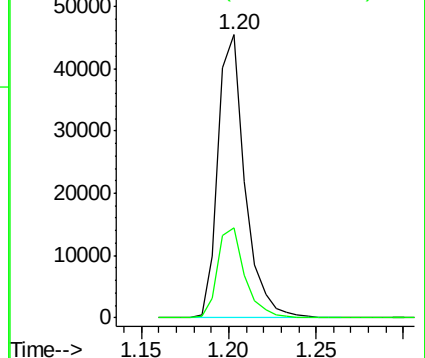
85 100

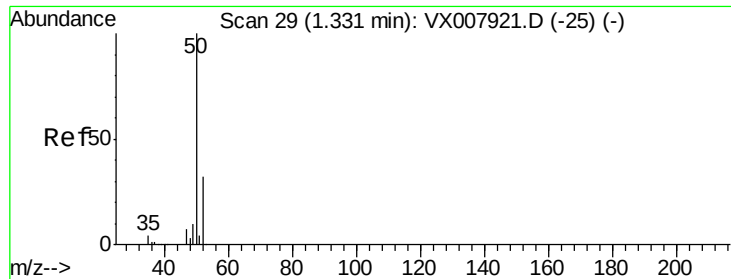
87 32.0 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.434 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

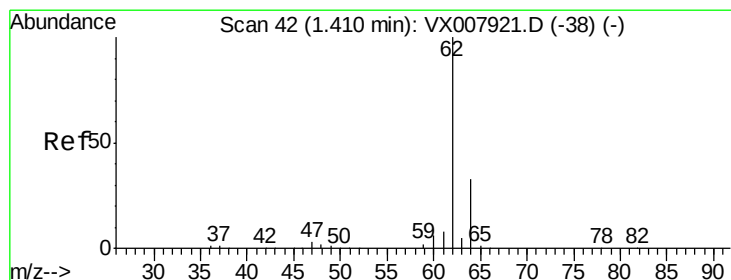
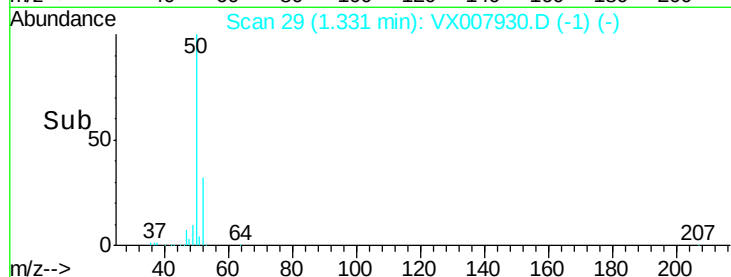
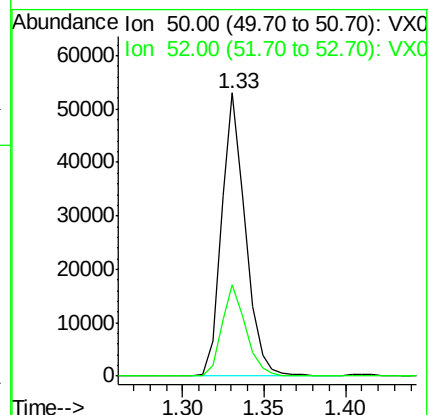
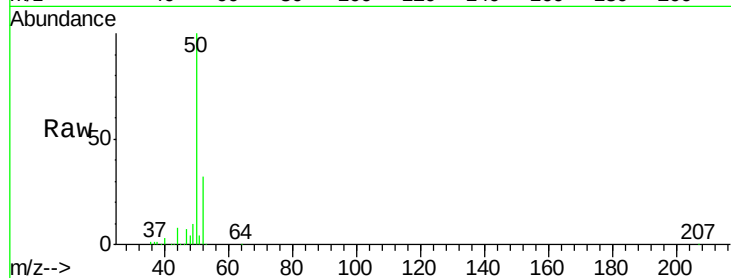
VX0308WBS01

Tot Ion: 50 Resp: 54118

Ion Ratio Lower Upper

50 100

52 32.3 27.5 41.3



#4

Vinyl Chloride

Concen: 17.051 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007930.D

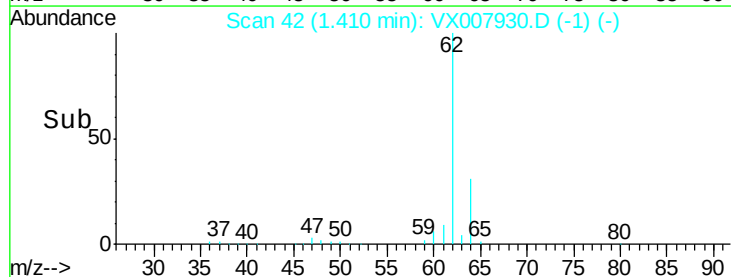
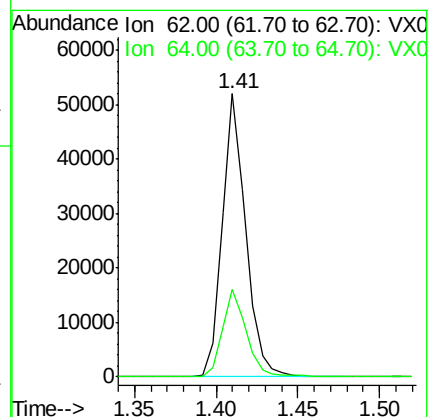
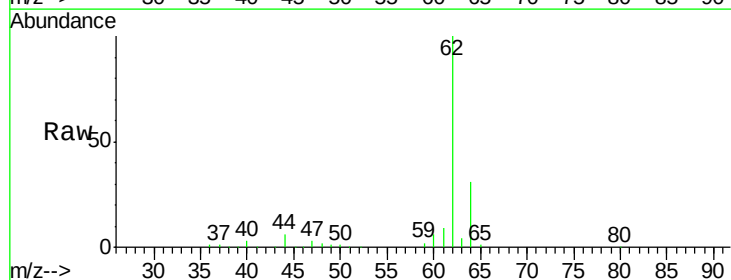
Acq: 08 Mar 2019 14:43

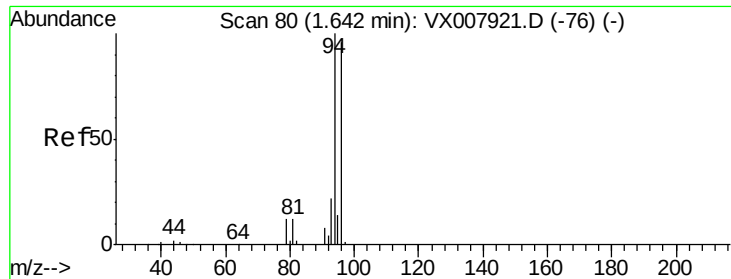
Tgt Ion: 62 Resp: 52429

Ion Ratio Lower Upper

62 100

64 30.7 25.9 38.9





#5

Bromomethane

Concen: 18.897 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

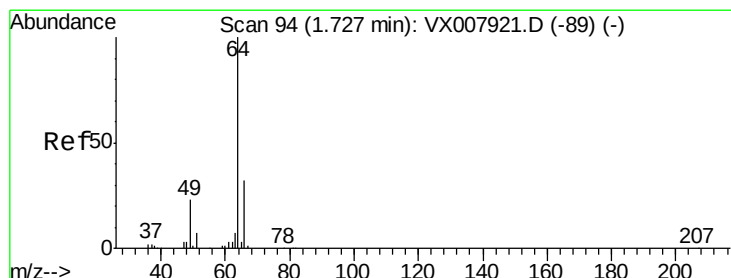
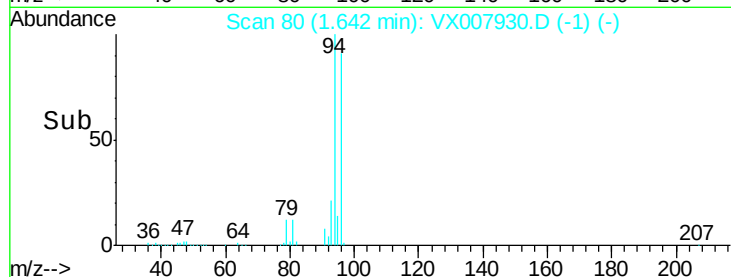
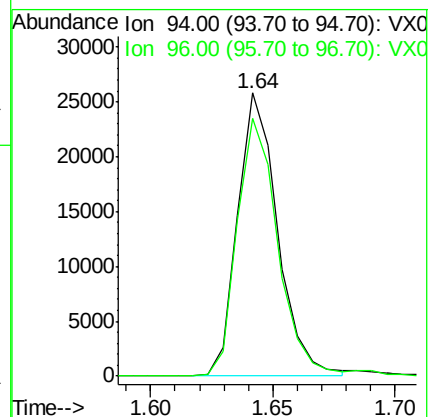
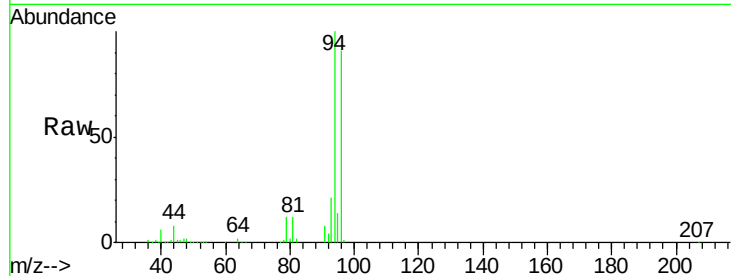
VX0308WBS01

Tot Ion: 94 Resp: 28968

Ion Ratio Lower Upper

94 100

96 91.1 75.6 113.4



#6

Chloroethane

Concen: 17.096 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007930.D

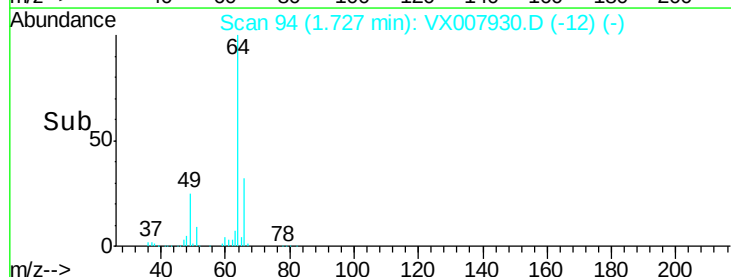
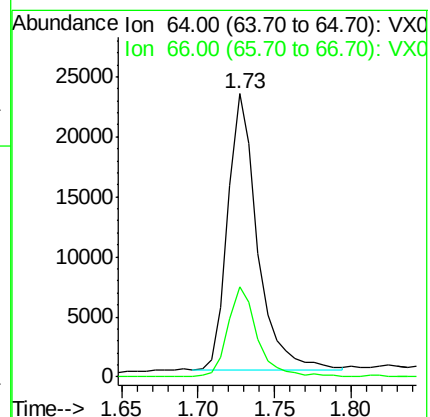
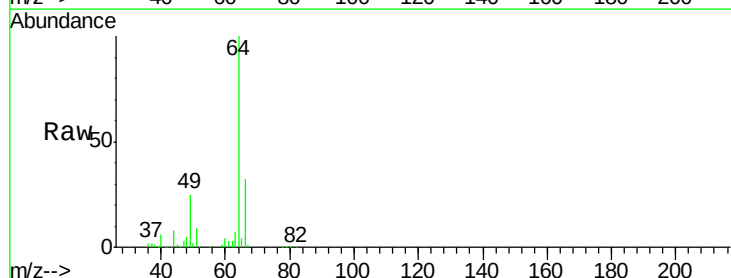
Acq: 08 Mar 2019 14:43

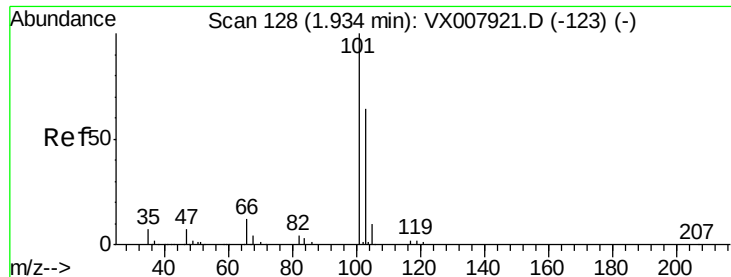
Tgt Ion: 64 Resp: 30701

Ion Ratio Lower Upper

64 100

66 32.3 23.9 35.9



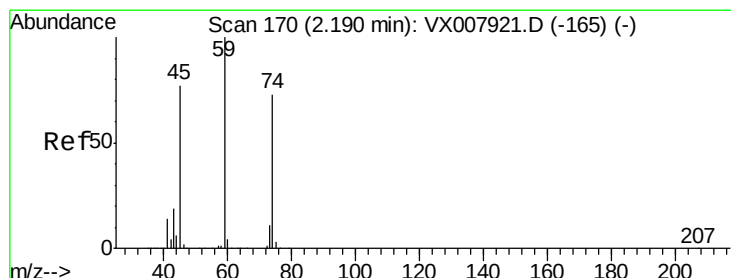
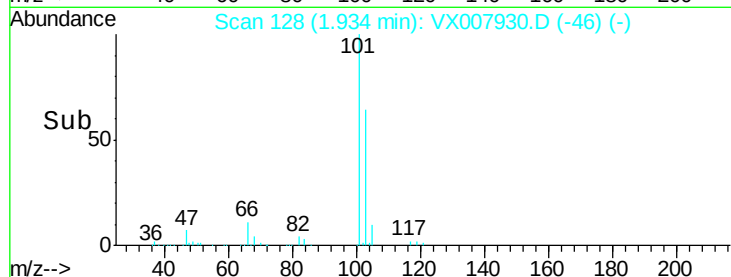
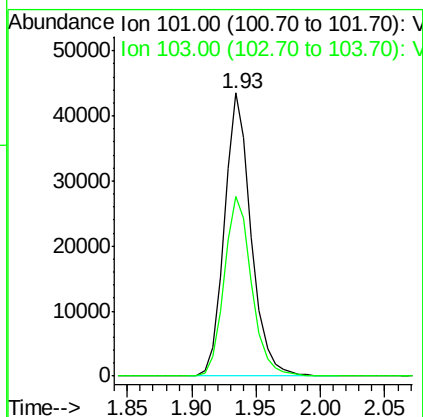
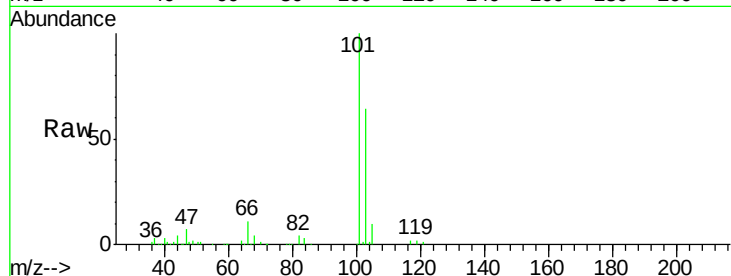


#7

Trichlorofluoromethane
Concen: 16.498 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

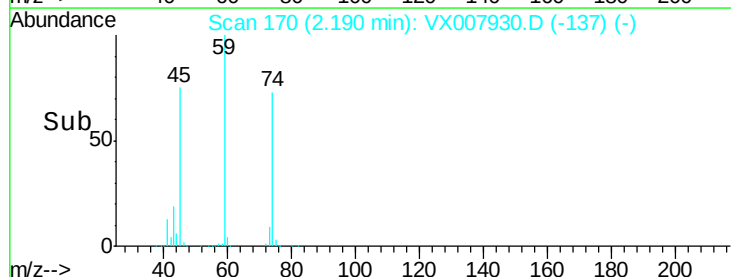
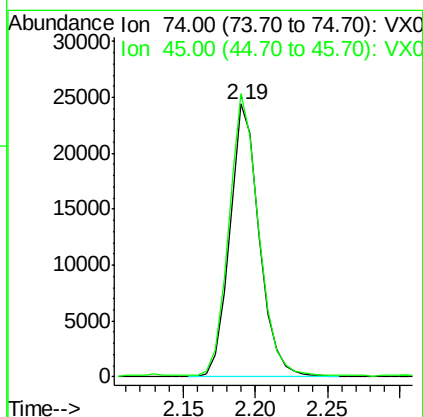
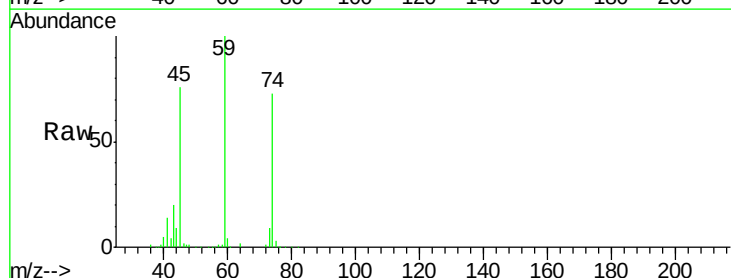
Tot Ion:101 Resp: 63171
Ion Ratio Lower Upper
101 100
103 63.5 50.4 75.6

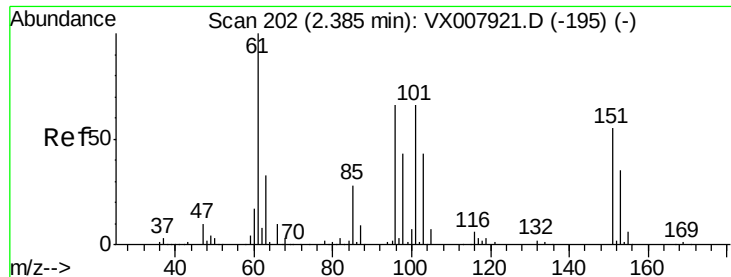


#8

Diethyl Ether
Concen: 17.730 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion: 74 Resp: 34961
Ion Ratio Lower Upper
74 100
45 104.1 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.172 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

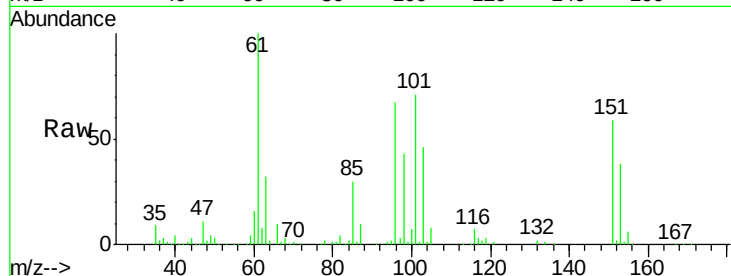
Tot Ion:101 Resp: 49433

Ion Ratio Lower Upper

101 100

85 43.1 0.0 86.8

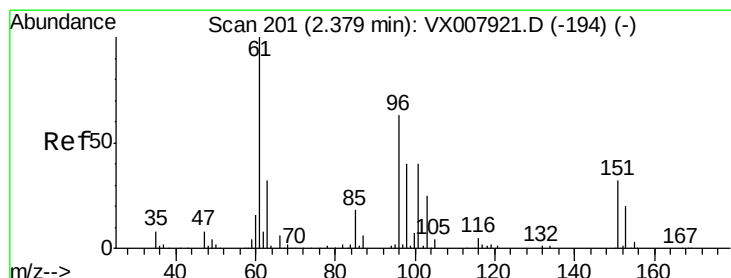
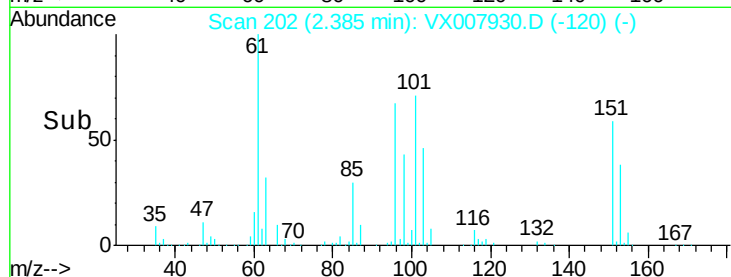
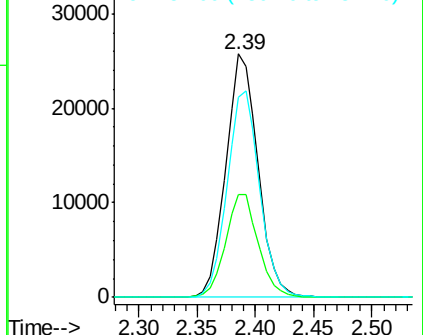
151 85.8 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.773 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

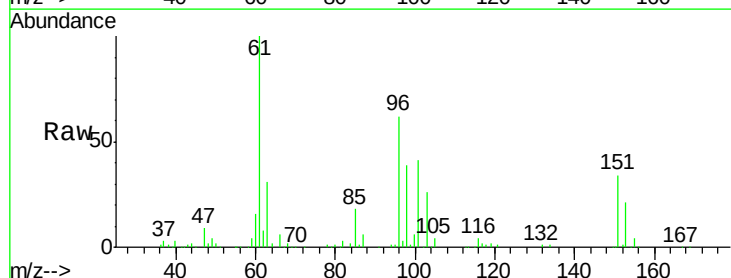
Tgt Ion: 96 Resp: 48495

Ion Ratio Lower Upper

96 100

61 160.6 120.2 180.2

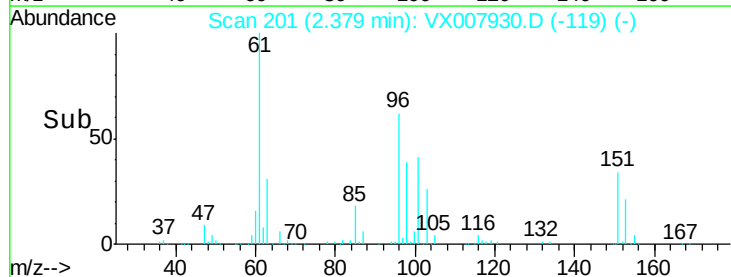
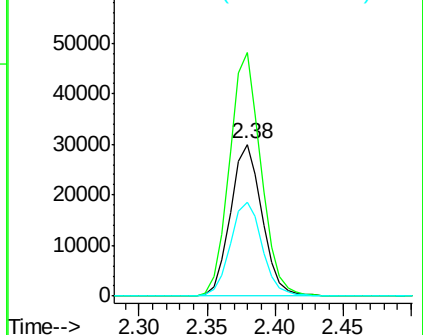
98 62.2 49.0 73.4

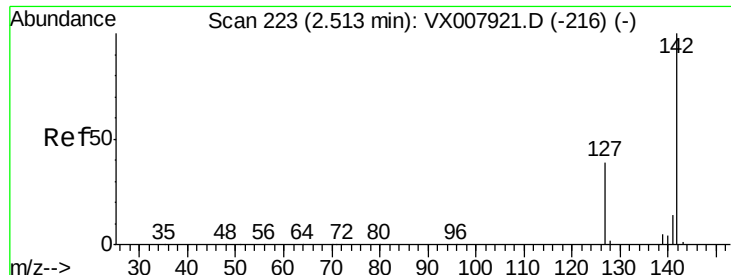


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

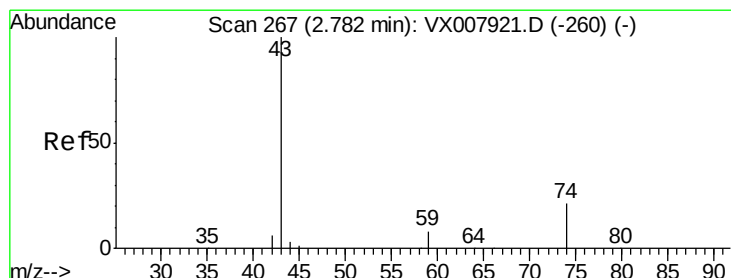
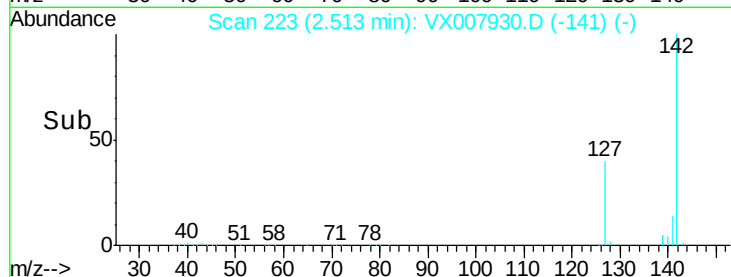
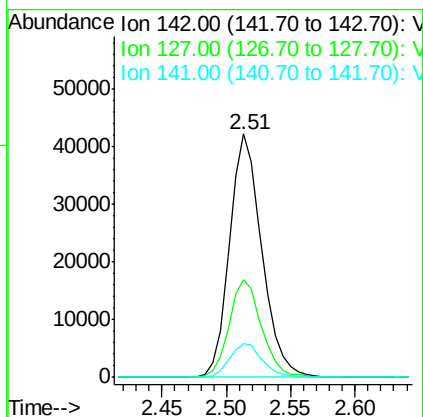
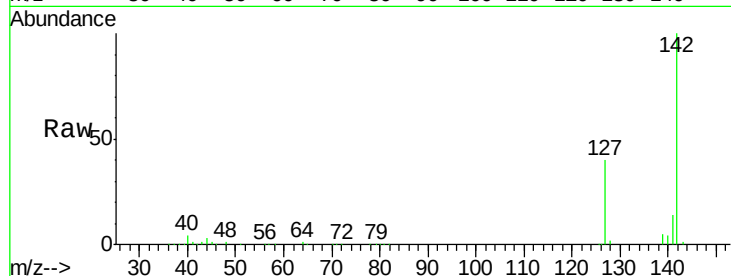




#11
Methvl Iodide
Concen: 17.332 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

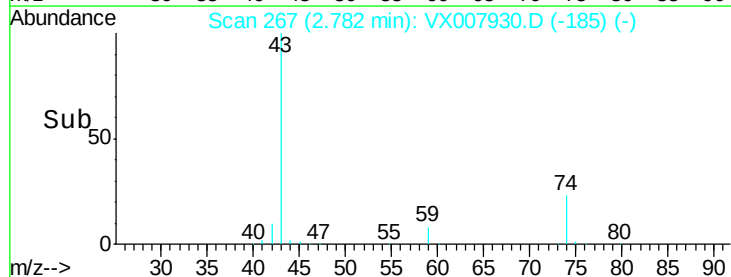
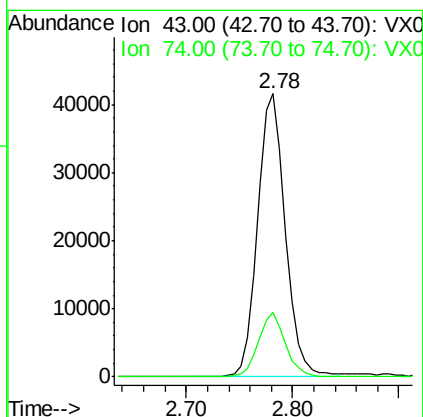
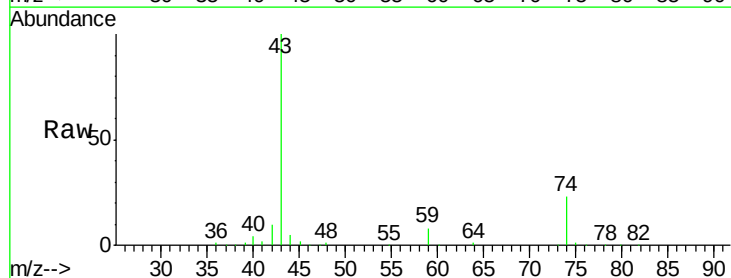
Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

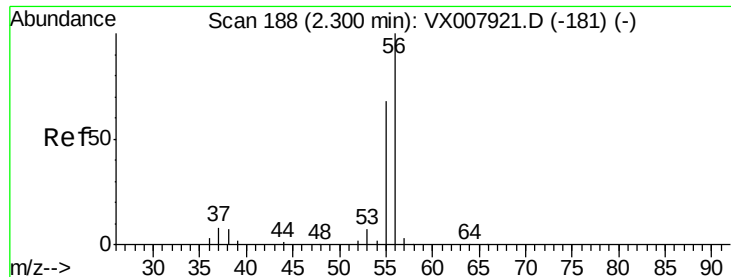
Tot Ion:142 Resp: 74030
Ion Ratio Lower Upper
142 100
127 40.0 22.1 66.5
141 14.0 7.4 22.3



#12
Methyl Acetate
Concen: 17.463 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion: 43 Resp: 75357
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.0





#13

Acrolein

Concen: 86.931 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

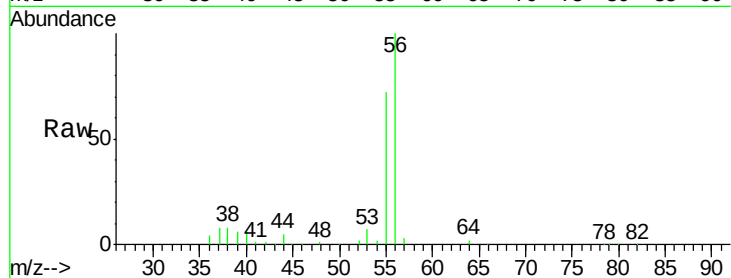
VX0308WBS01

Tot Ion: 56 Resp: 44010

Ion Ratio Lower Upper

56 100

55 72.8 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

30000

25000

20000

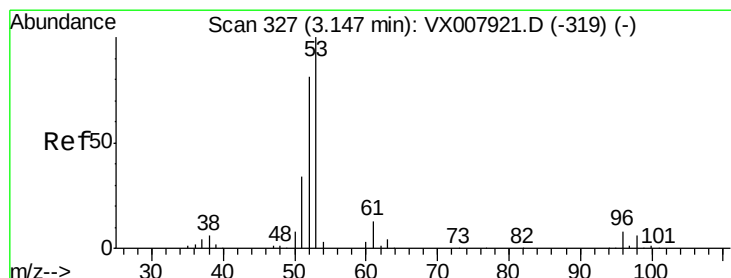
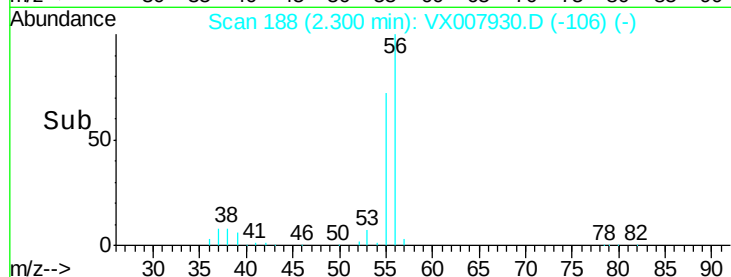
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Acrylonitrile

Concen: 91.817 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

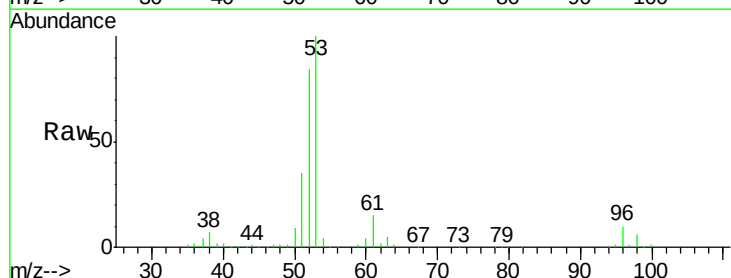
Tgt Ion: 53 Resp: 168193

Ion Ratio Lower Upper

53 100

52 82.2 41.3 124.1

51 35.7 17.5 52.6



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

3.15

100000

80000

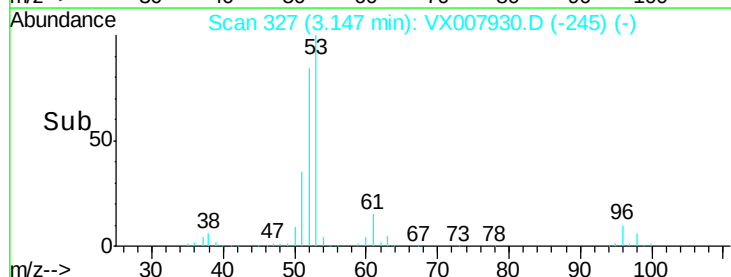
60000

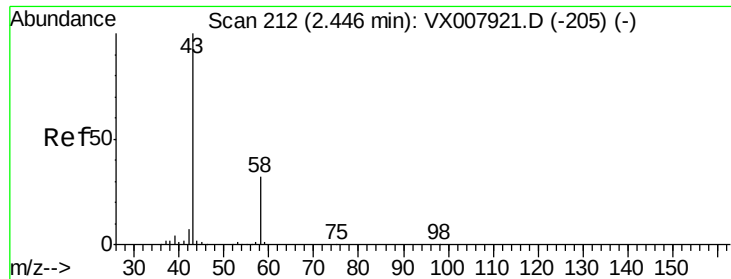
40000

20000

0

Time--> 3.10 3.20 3.30





#15

Acetone

Concen: 76.150 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampled :

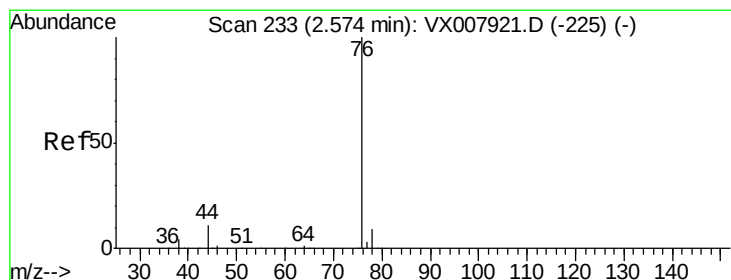
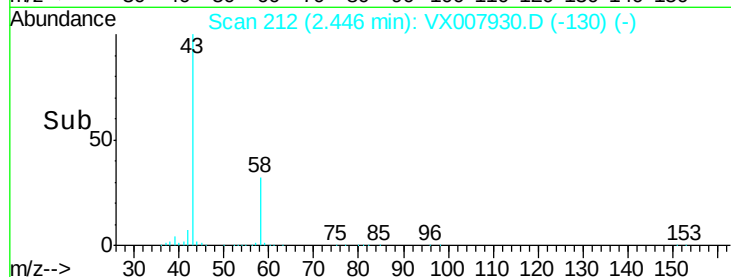
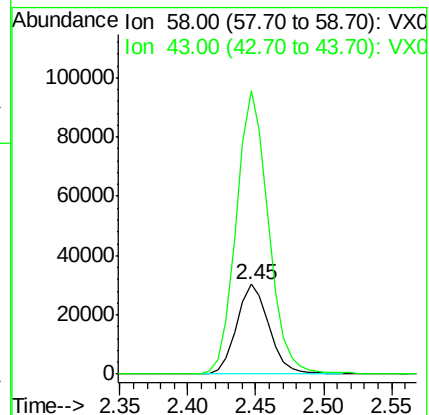
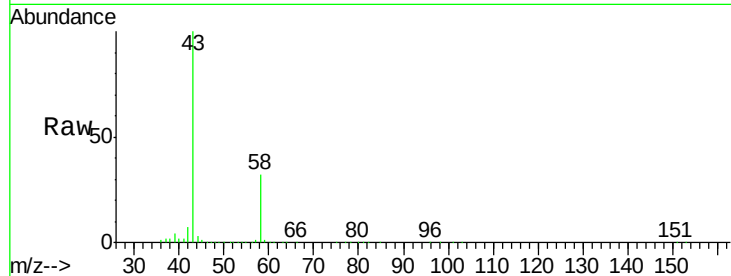
VX0308WBS01

Tot Ion: 58 Resp: 50363

Ion Ratio Lower Upper

58 100

43 315.6 249.8 374.6



#16

Carbon Disulfide

Concen: 17.695 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007930.D

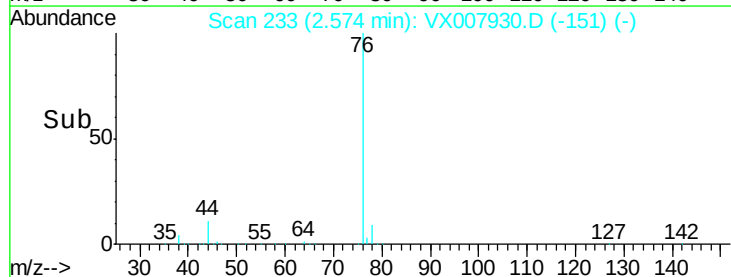
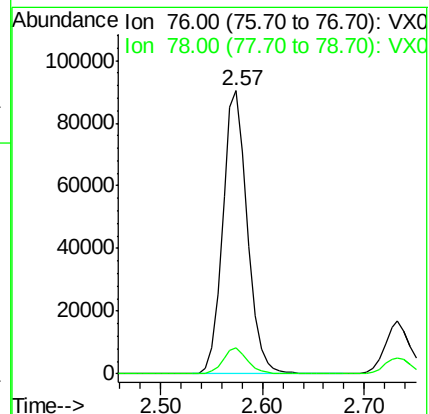
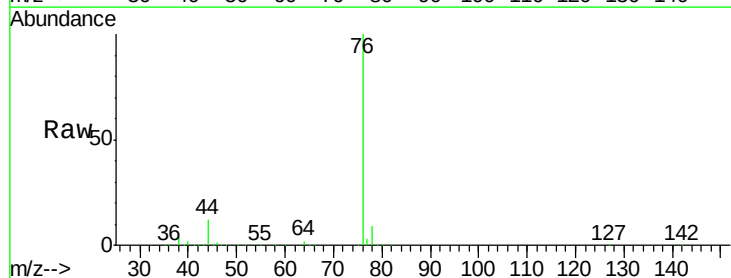
Acq: 08 Mar 2019 14:43

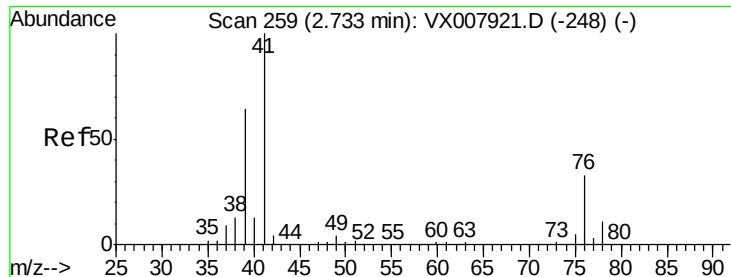
Tgt Ion: 76 Resp: 151481

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

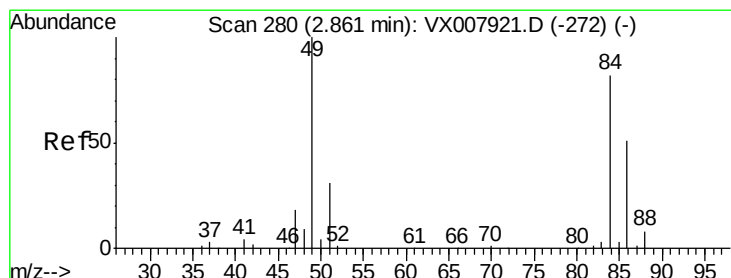
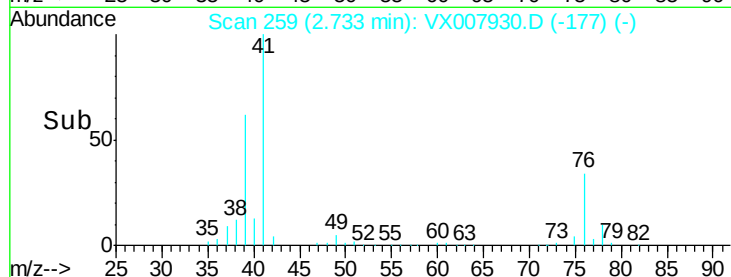
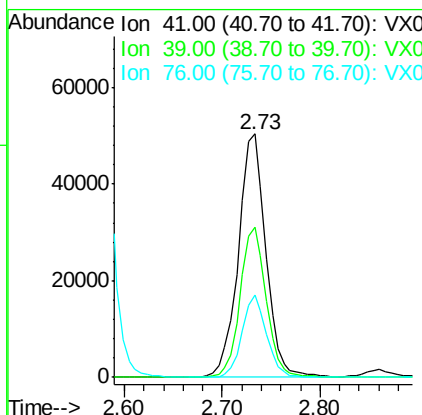
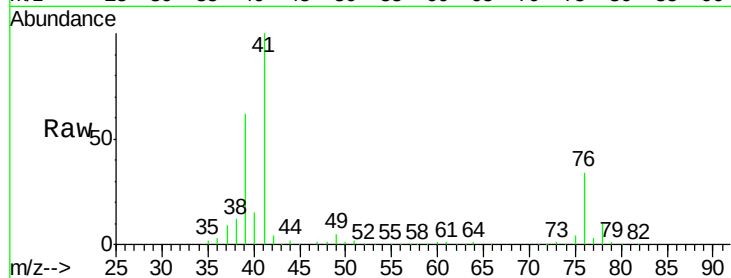




#17
Allvl chloride
Concen: 17.620 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

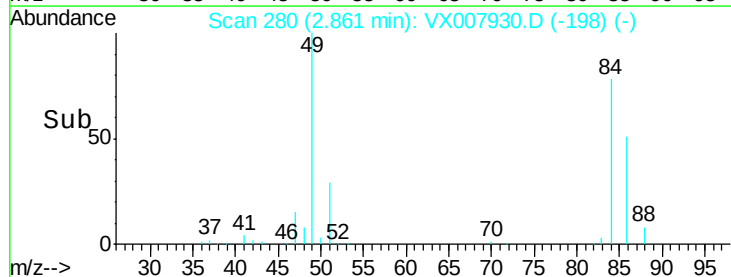
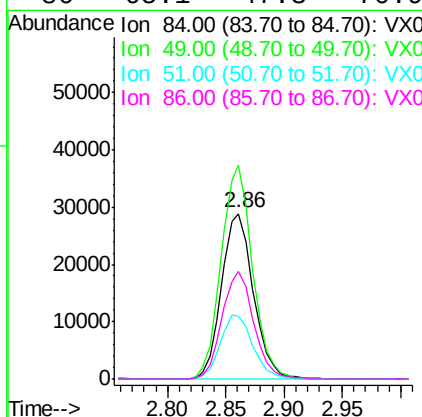
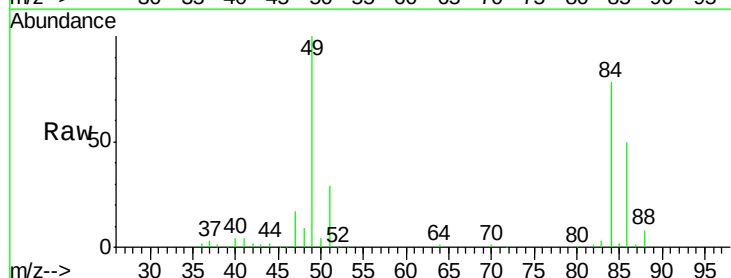
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

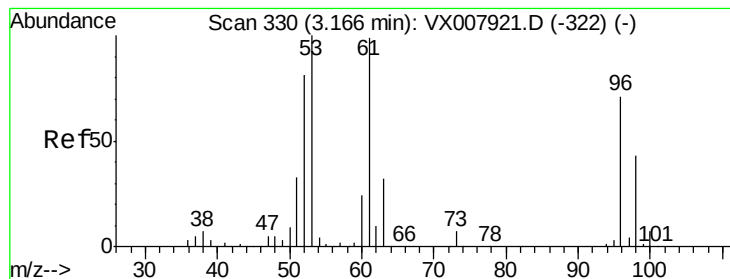
Tot Ion: 41 Resp: 98565
Ion Ratio Lower Upper
41 100
39 61.8 35.8 107.4
76 33.8 18.3 54.9



#18
Methylene Chloride
Concen: 17.648 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion: 84 Resp: 54857
Ion Ratio Lower Upper
84 100
49 128.7 96.1 144.1
51 37.2 29.1 43.7
86 65.1 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 17.654 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

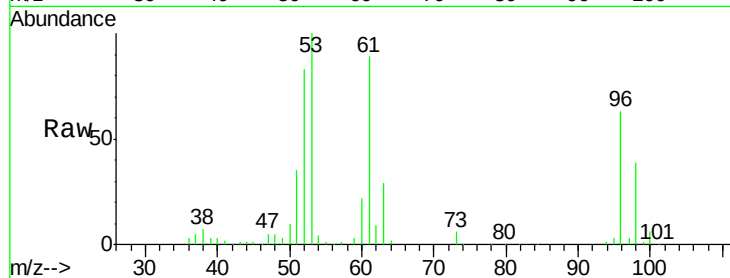
Tot Ion: 96 Resp: 50968

Ion Ratio Lower Upper

96 100

61 139.8 109.9 164.9

98 62.3 50.4 75.6

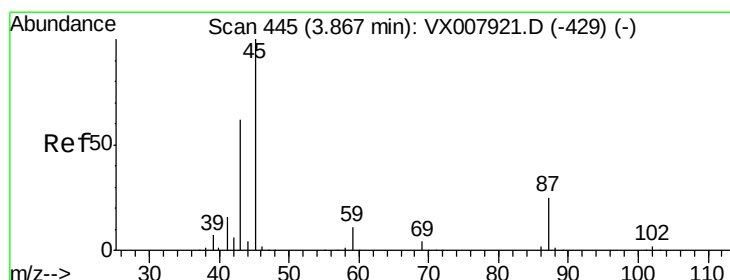
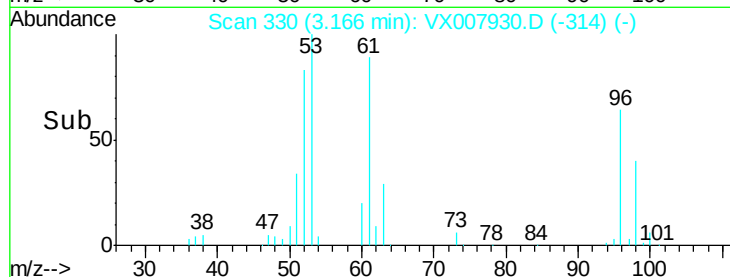
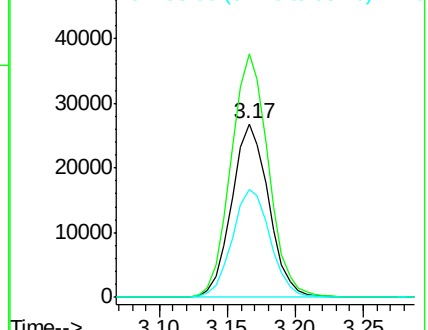


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 17.975 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Tgt Ion: 45 Resp: 183956

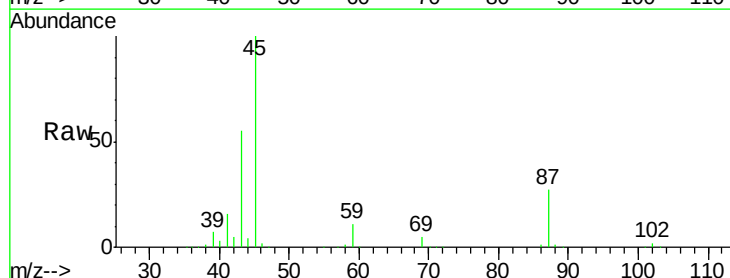
Ion Ratio Lower Upper

45 100

43 55.0 50.6 76.0

87 26.5 24.5 36.7

59 11.5 10.2 15.2



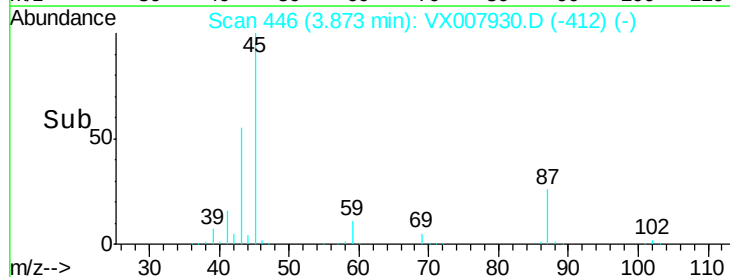
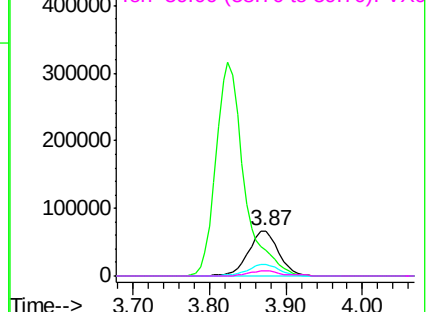
Abundance

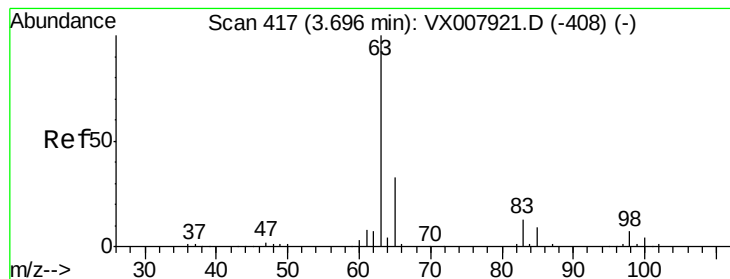
Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 17.526 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

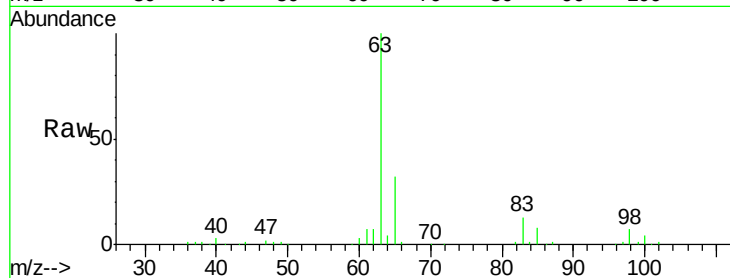
Tot Ion: 63 Resp: 97548

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

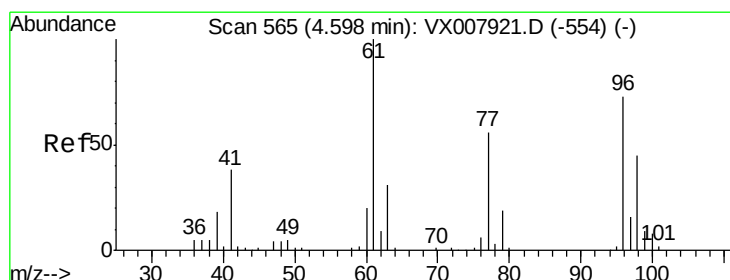
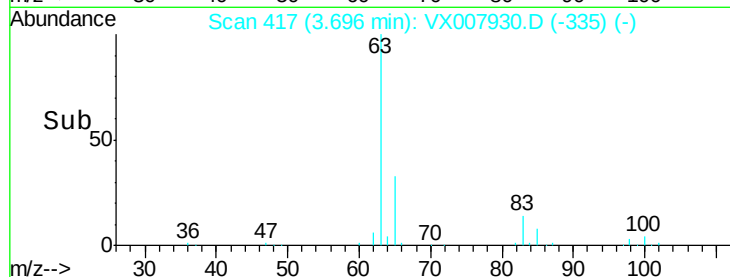
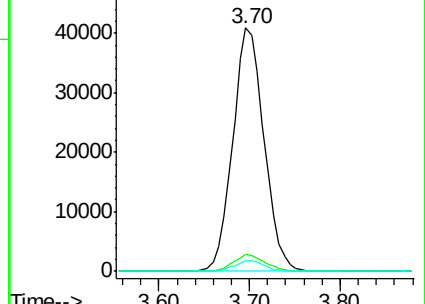
100 4.3 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 17.824 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

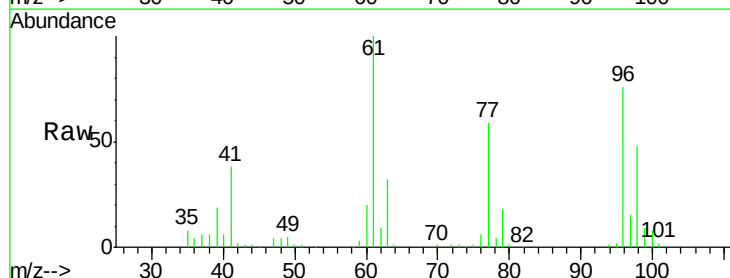
Tgt Ion: 96 Resp: 59357

Ion Ratio Lower Upper

96 100

61 142.4 103.5 155.3

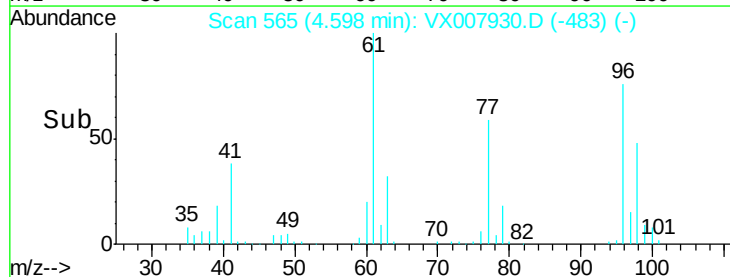
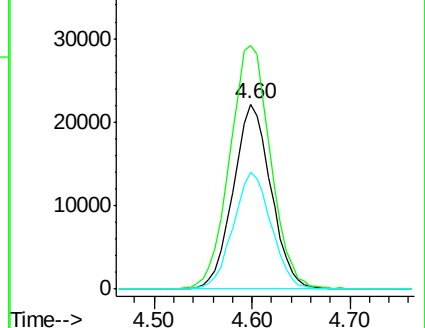
98 64.0 52.1 78.1

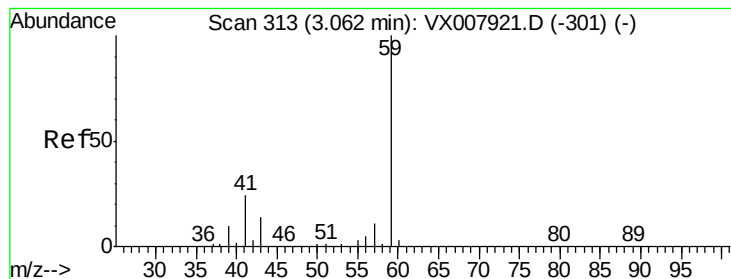


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



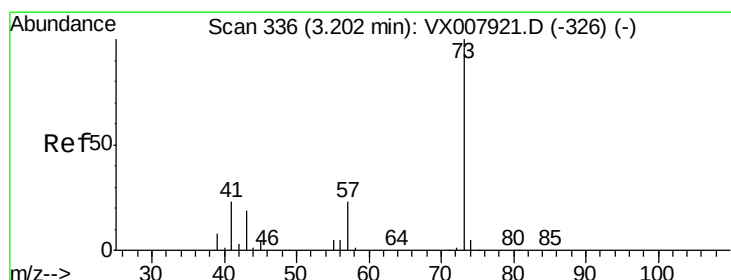
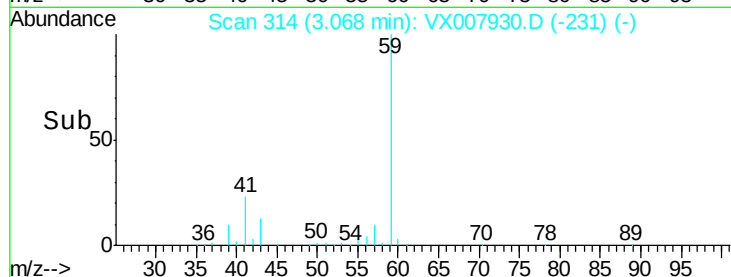
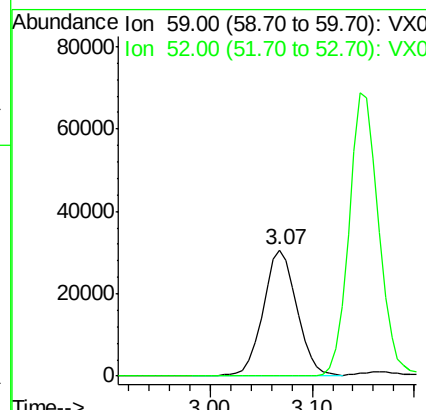
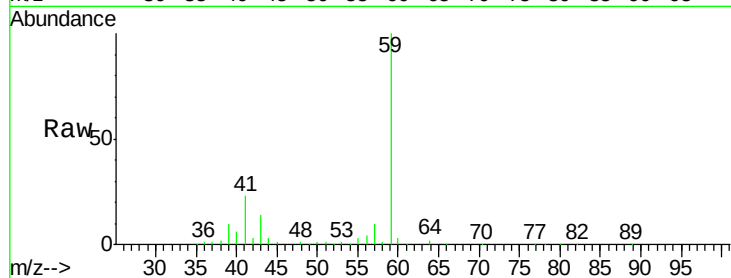


#23

tert-Butyl Alcohol
 Concen: 95.470 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. 0.01 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

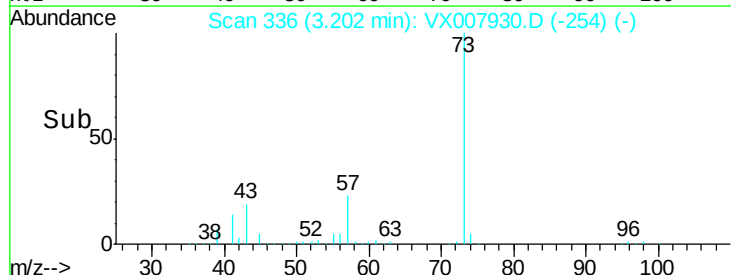
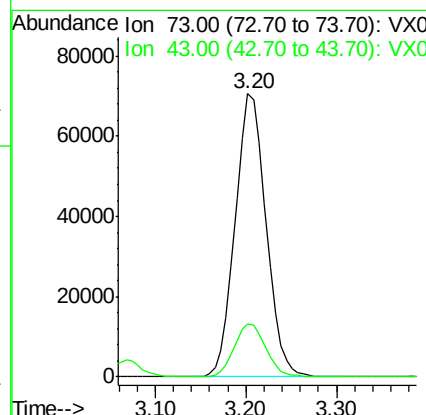
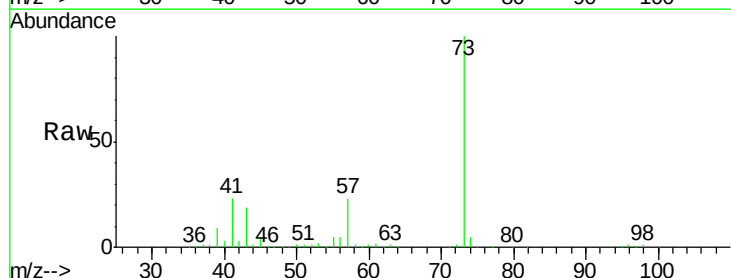
Tot Ion: 59 Resp: 70554
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

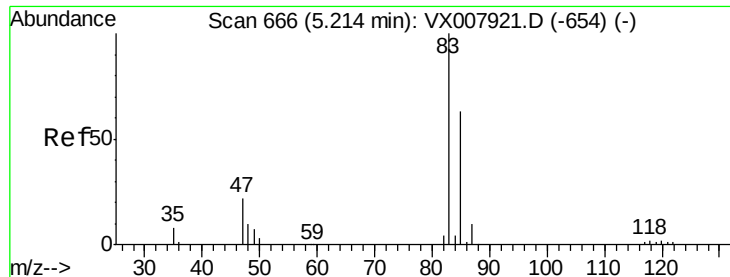


#24

Methyl tert-Butyl Ether
 Concen: 17.855 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion: 73 Resp: 167506
 Ion Ratio Lower Upper
 73 100
 43 18.8 17.1 25.7

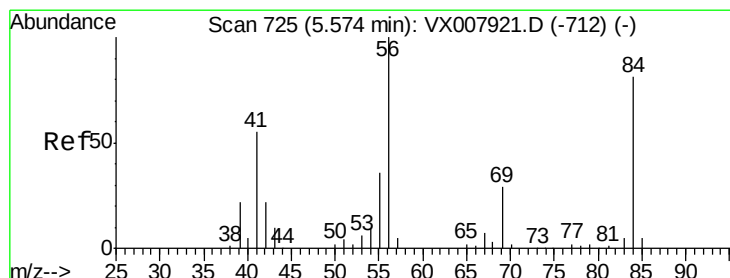
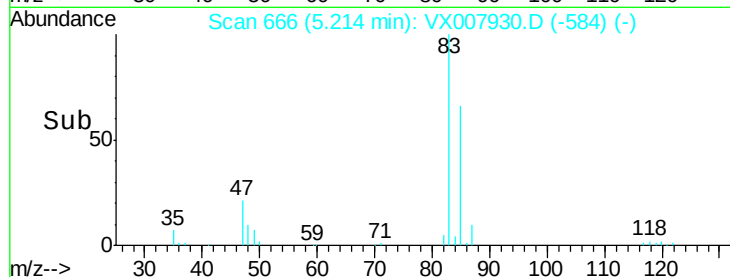
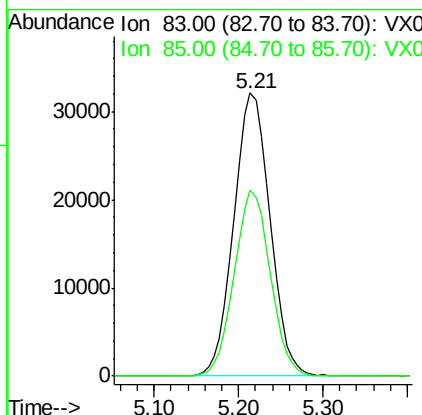
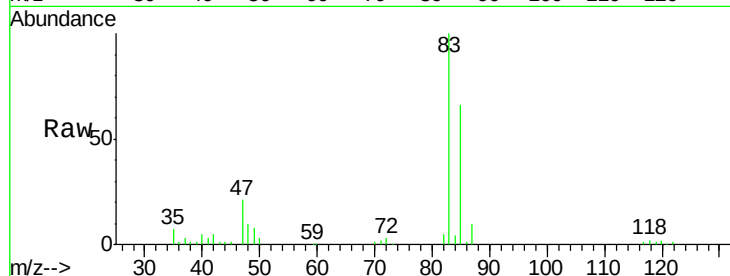




#25
Chloroform
Concen: 17.864 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

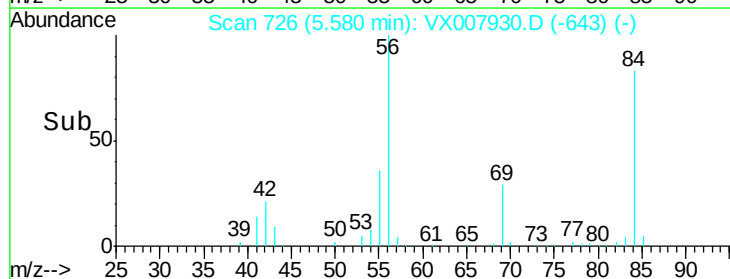
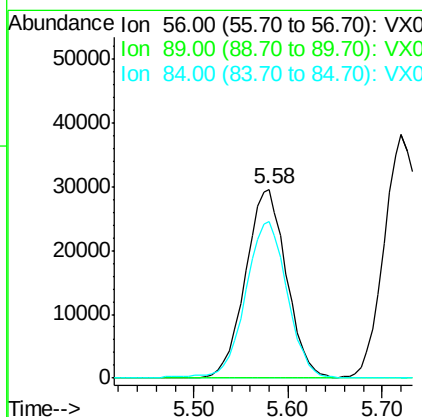
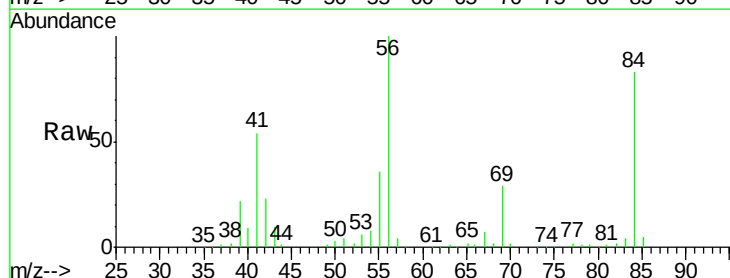
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

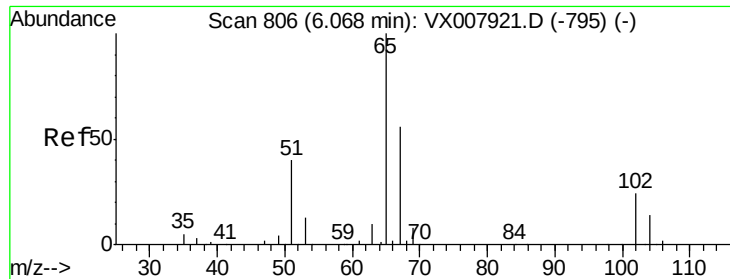
Tot Ion: 83 Resp: 93845
Ion Ratio Lower Upper
83 100
85 65.7 53.8 80.6



#26
Cyclohexane
Concen: 17.533 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion: 56 Resp: 90176
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.8 73.9 110.9

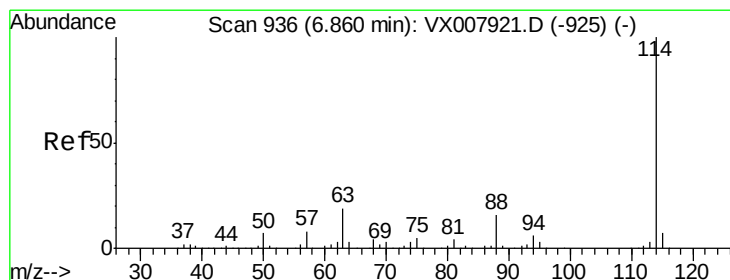
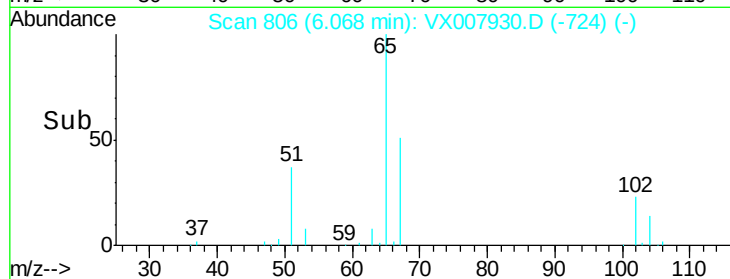
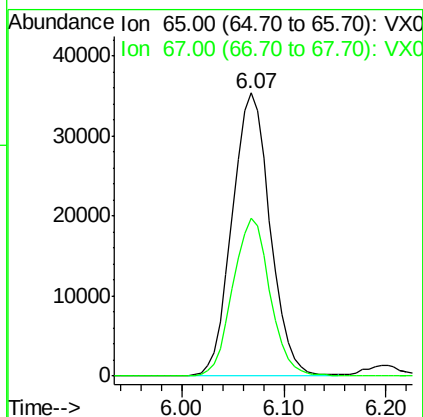
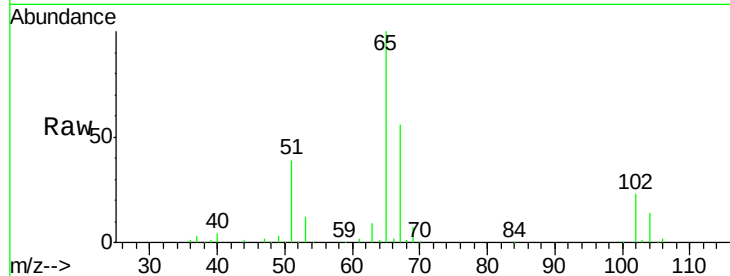




#27
 1,2-Dichloroethane-d4
 Concen: 29.594 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

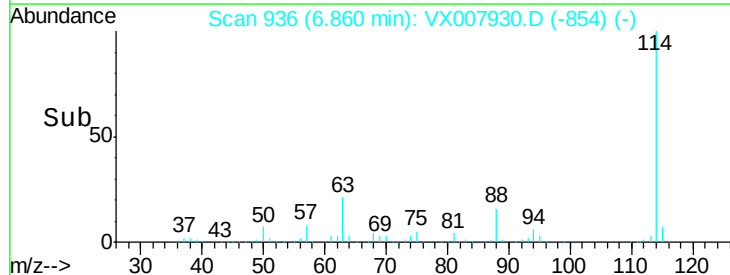
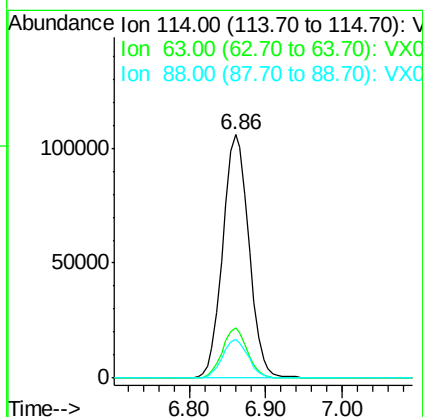
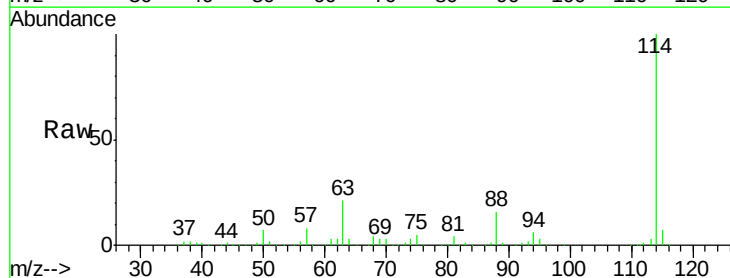
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

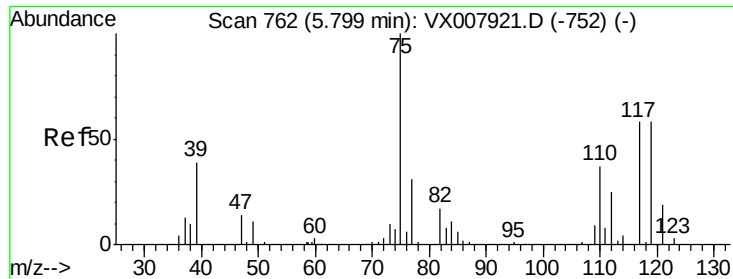
Tot Ion: 65 Resp: 91467
 Ion Ratio Lower Upper
 65 100
 67 54.6 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion: 114 Resp: 250729
 Ion Ratio Lower Upper
 114 100
 63 19.8 14.2 21.4
 88 15.7 11.9 17.9

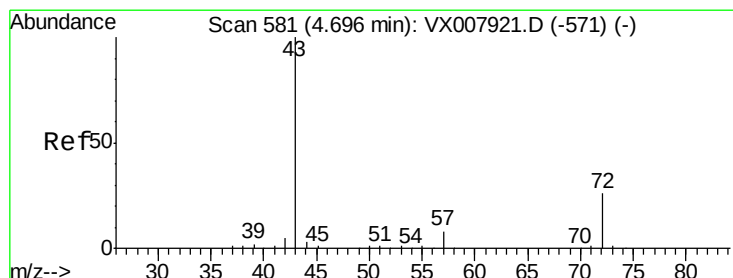
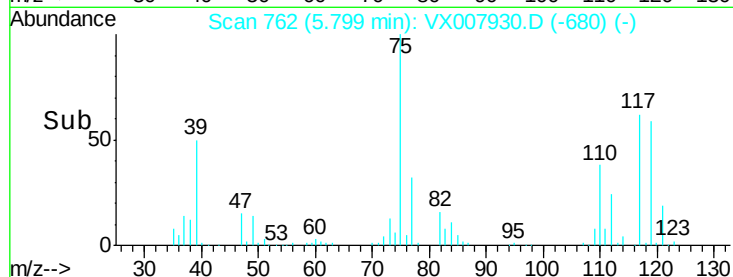
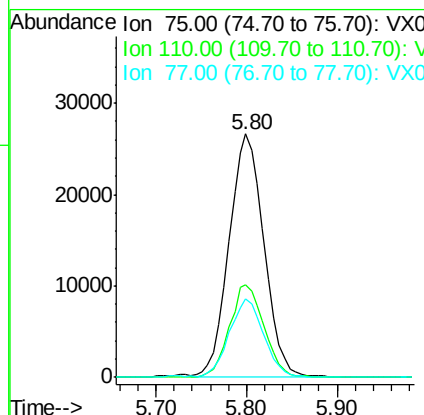
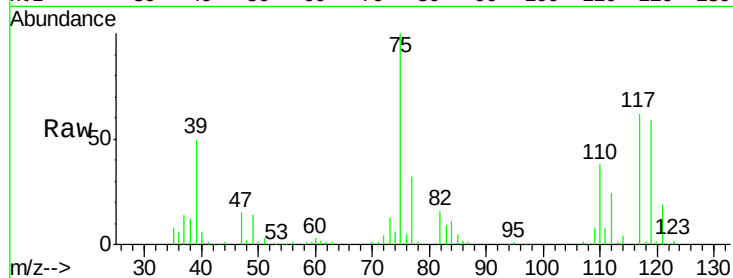




#29
 1,1-Dichloropropene
 Concen: 17.915 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

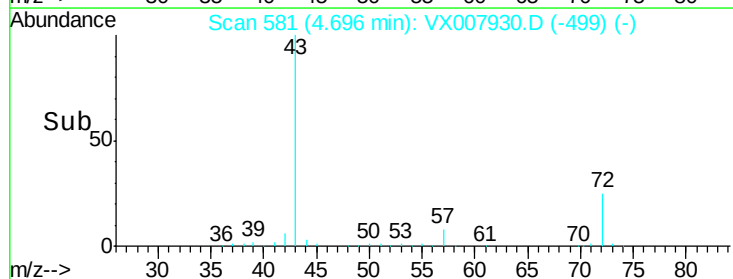
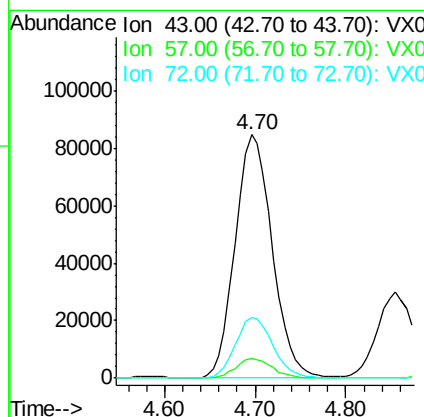
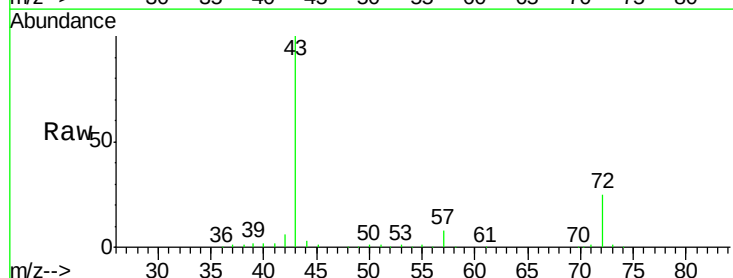
Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS01

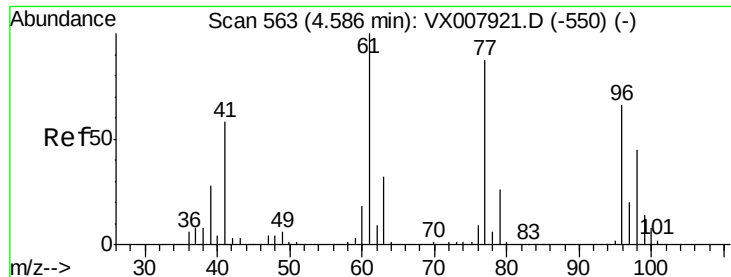
Tot Ion: 75 Resp: 71223
 Ion Ratio Lower Upper
 75 100
 110 37.5 0.0 80.8
 77 31.8 0.0 62.4



#30
 2-Butanone
 Concen: 89.479 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion: 43 Resp: 239922
 Ion Ratio Lower Upper
 43 100
 57 7.9 7.0 10.6
 72 25.2 21.5 32.3

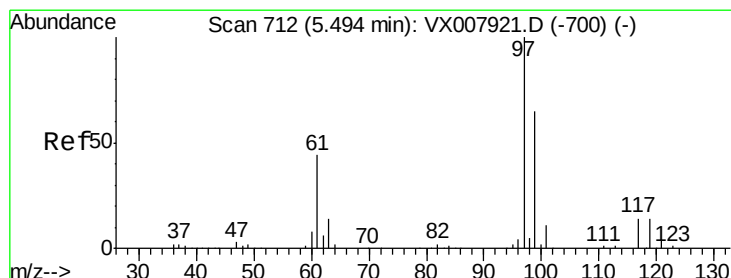
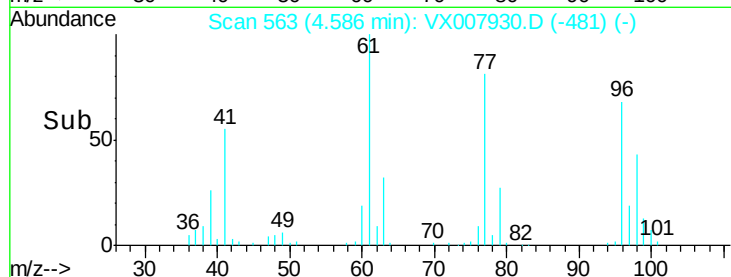
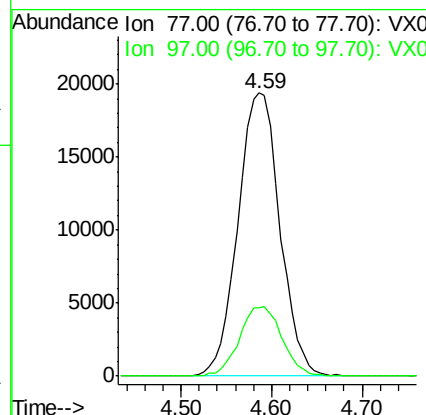
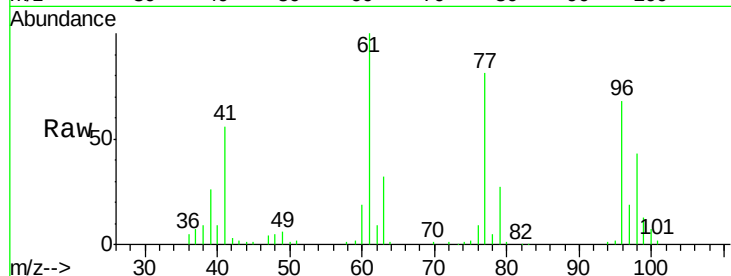




#31
 2,2-Dichloropropane
 Concen: 16.907 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

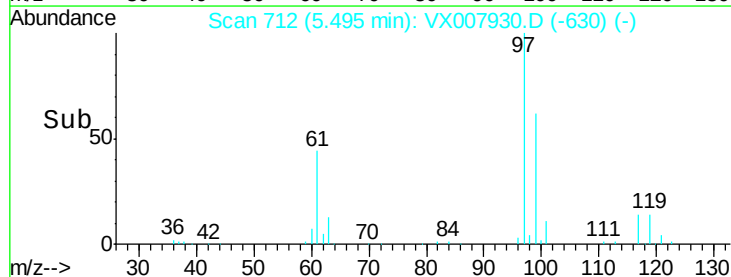
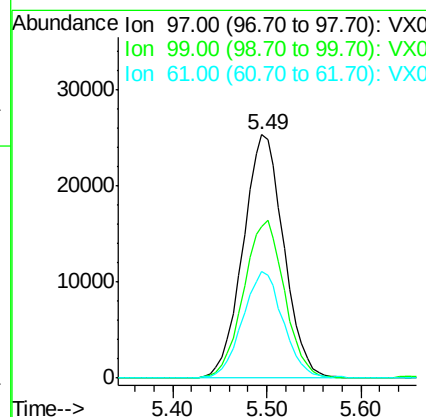
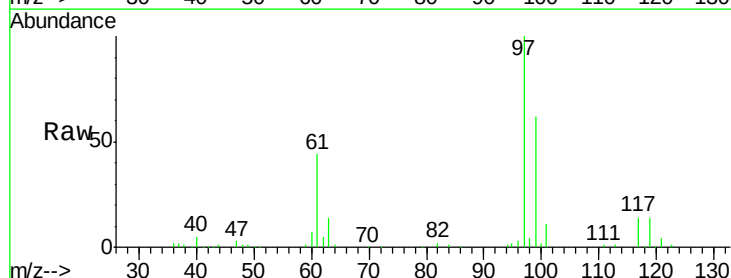
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

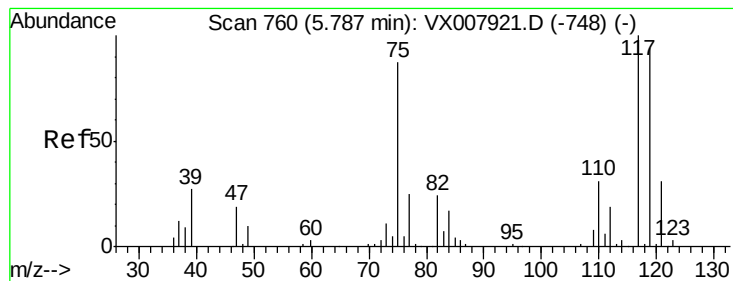
Tot Ion: 77 Resp: 62081
 Ion Ratio Lower Upper
 77 100
 97 25.0 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 17.845 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion: 97 Resp: 76712
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.7 77.5
 61 43.5 32.8 49.2





#33

Carbon Tetrachloride

Concen: 17.527 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS01

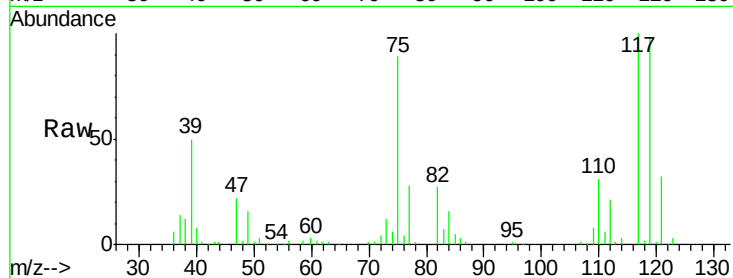
Tot Ion:117 Resp: 66831

Ion Ratio Lower Upper

117 100

119 97.9 78.1 117.1

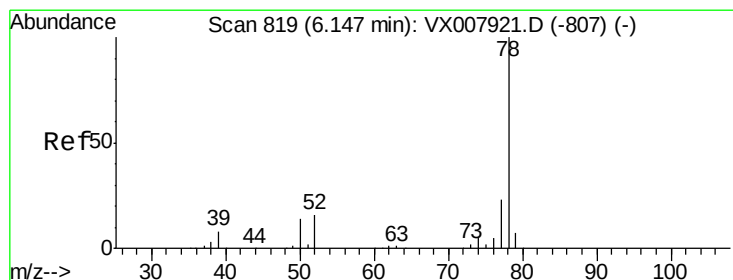
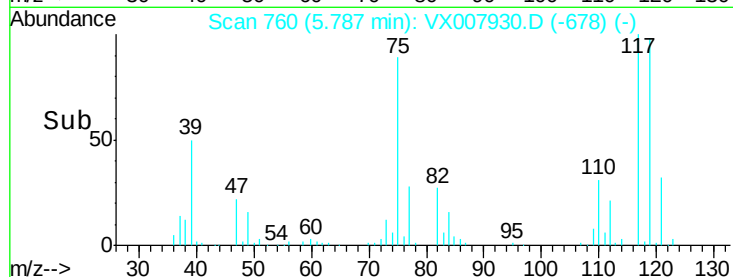
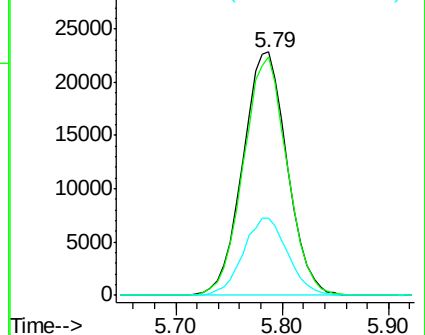
121 31.9 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.096 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

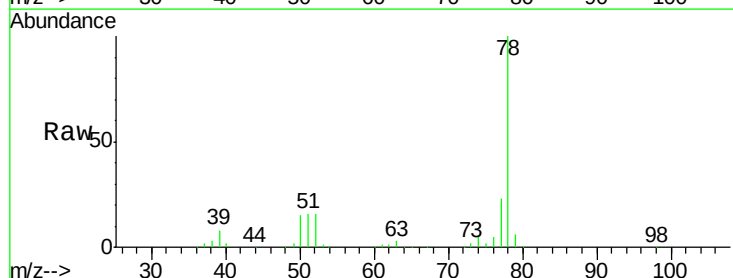
Tgt Ion: 78 Resp: 220469

Ion Ratio Lower Upper

78 100

77 23.4 19.1 28.7

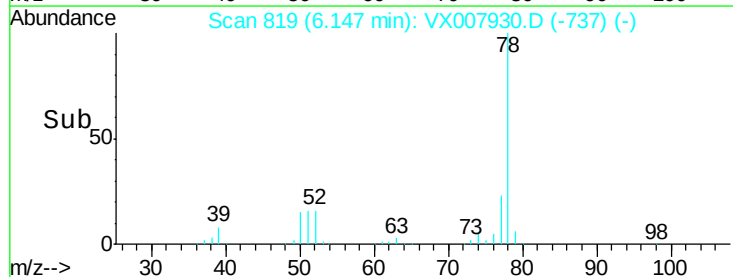
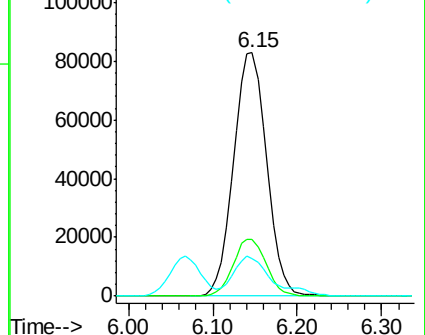
51 15.4 10.8 16.2

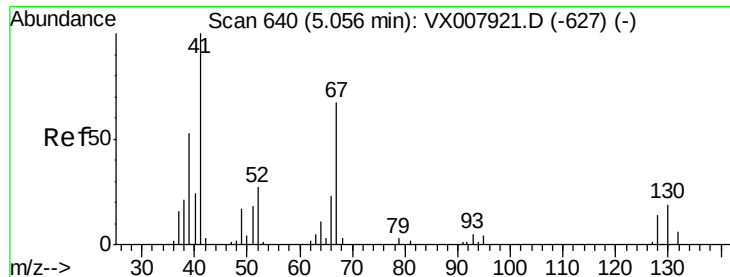


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

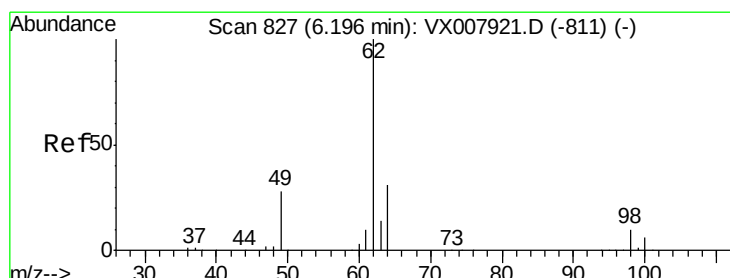
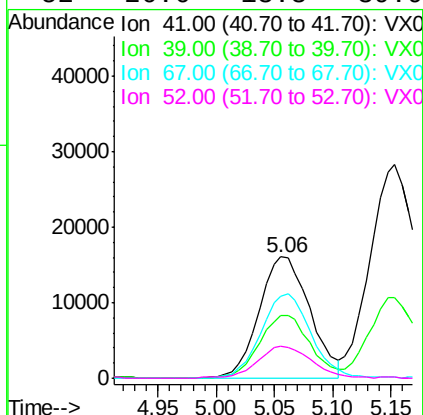
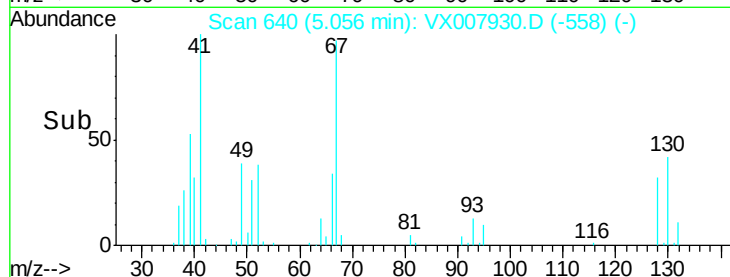
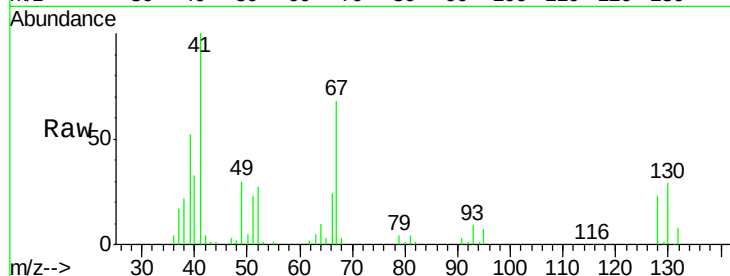




#35
Methacrylonitrile
Concen: 18.600 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

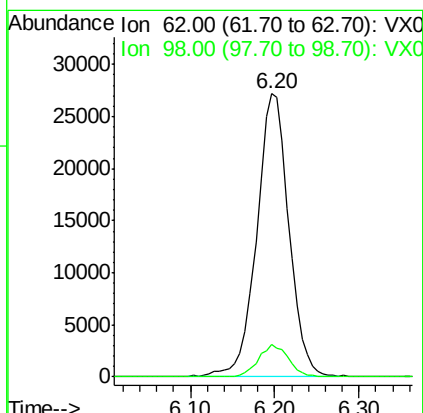
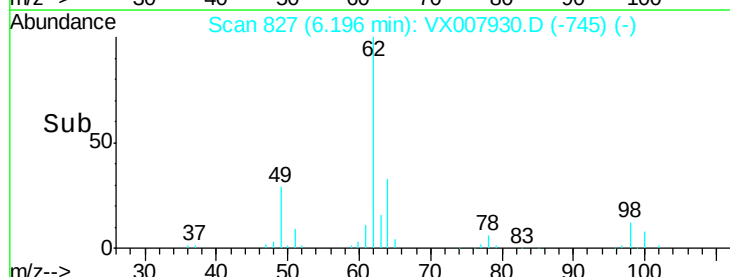
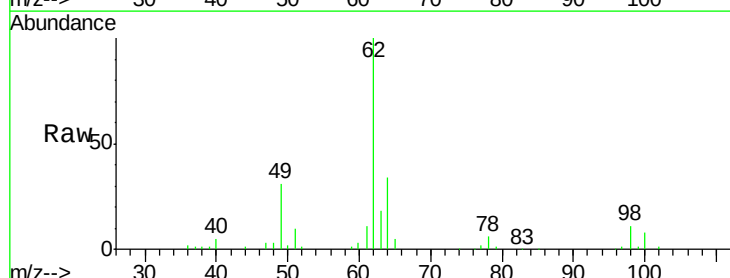
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

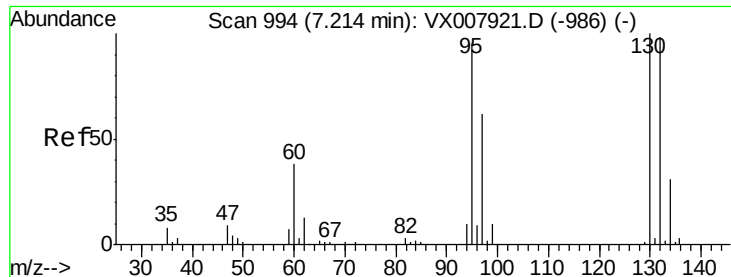
Tot Ion: 41 Resp: 48598
Ion Ratio Lower Upper
41 100
39 52.1 27.4 82.0
67 67.9 37.9 113.6
52 26.6 13.3 39.9



#36
1,2-Dichloroethane
Concen: 18.038 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion: 62 Resp: 71497
Ion Ratio Lower Upper
62 100
98 10.6 7.8 11.8

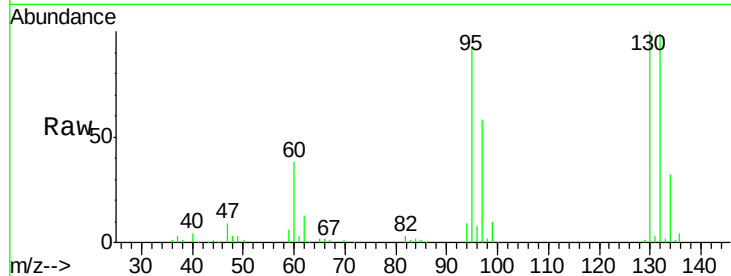




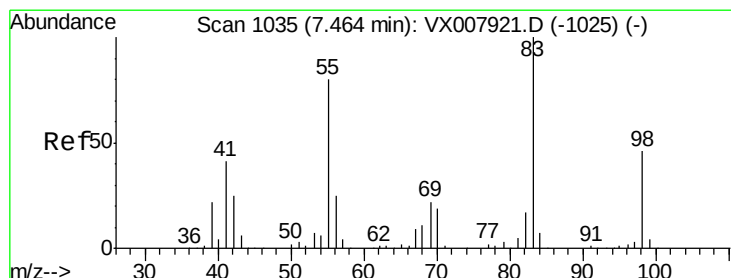
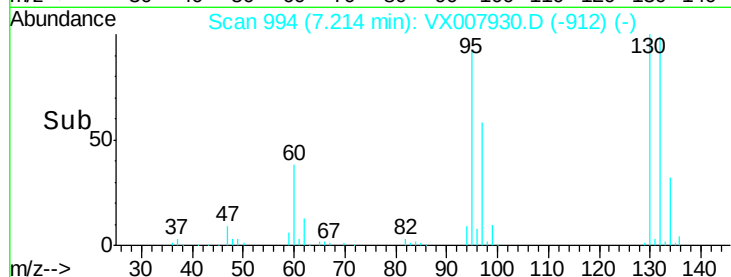
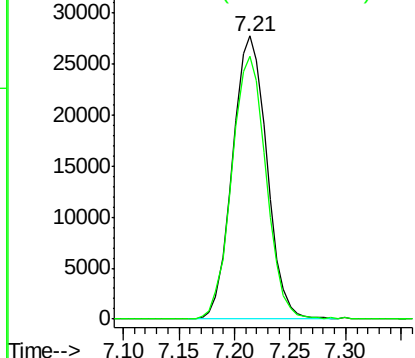
#37
 Trichloroethene
 Concen: 17.991 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion:130 Resp: 59387
 Ion Ratio Lower Upper
 130 100
 95 92.7 71.3 106.9

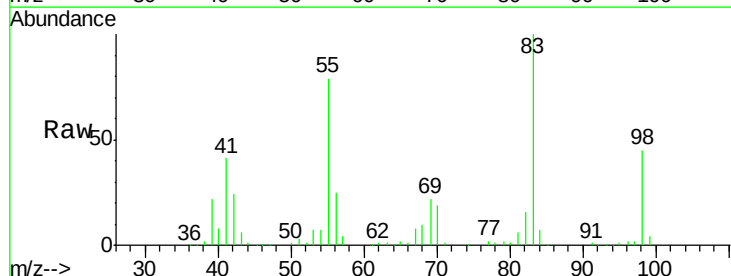


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

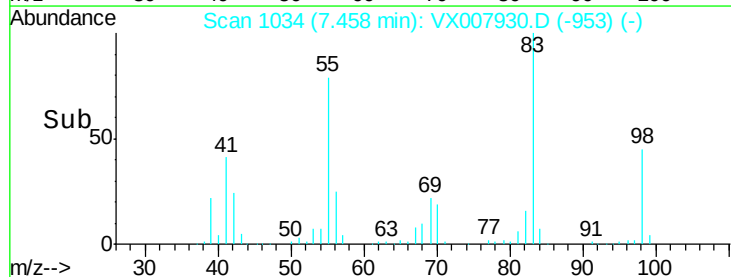
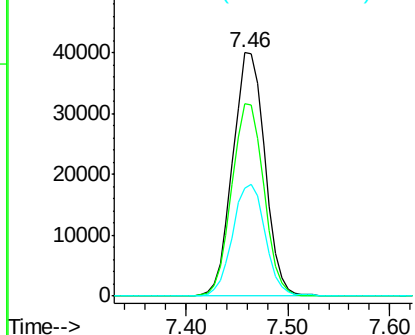


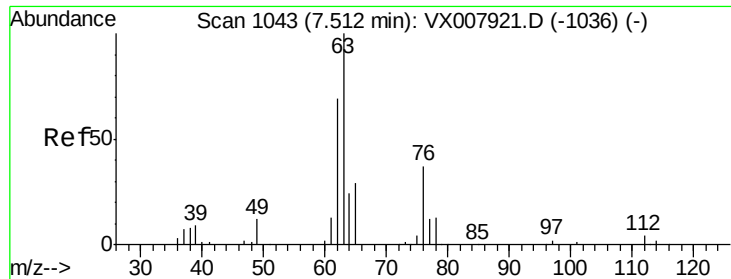
#38
 Methylcyclohexane
 Concen: 17.348 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion: 83 Resp: 87683
 Ion Ratio Lower Upper
 83 100
 55 78.5 36.0 108.0
 98 46.2 23.8 71.4



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

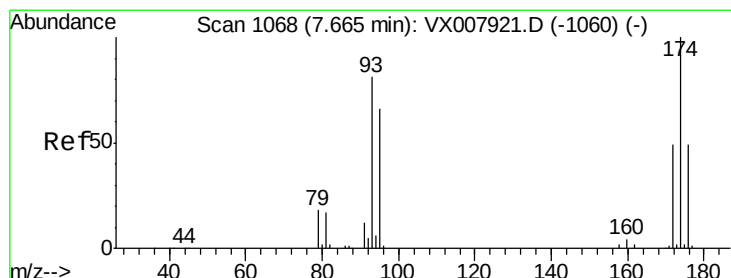
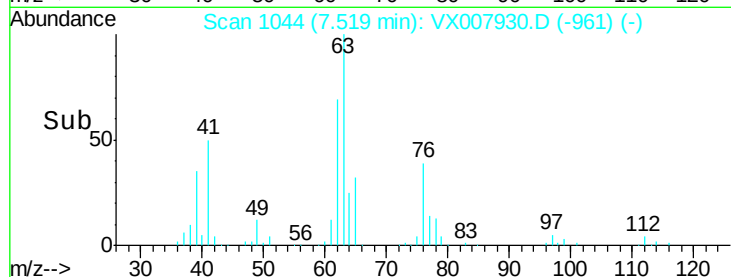
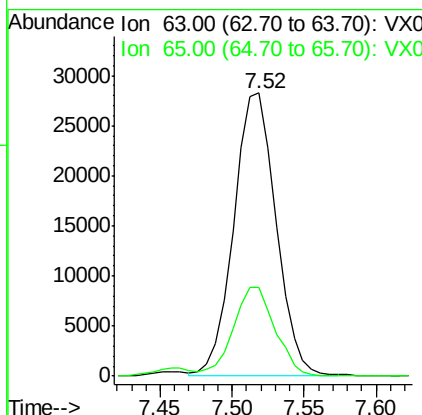
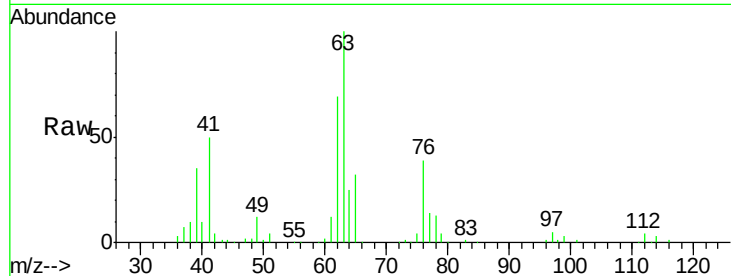




#39
 1,2-Dichloropropane
 Concen: 18.151 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

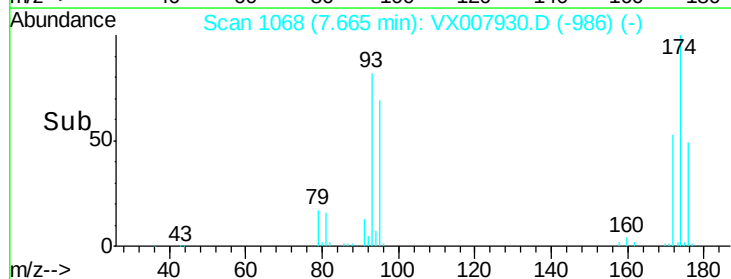
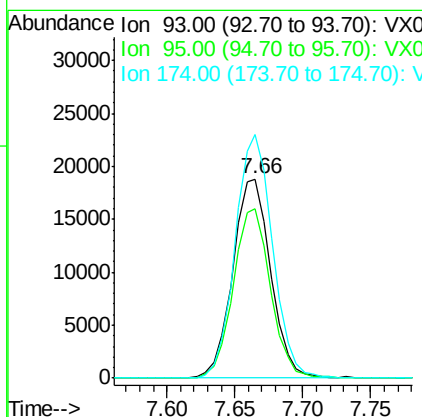
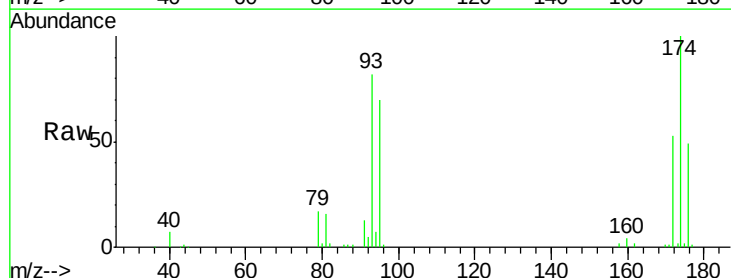
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

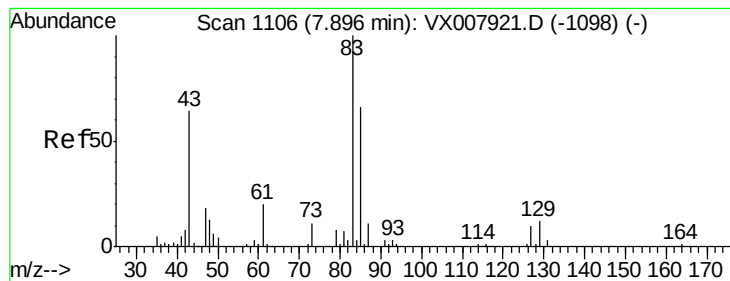
Tot Ion: 63 Resp: 57670
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.6 37.0



#40
 Dibromomethane
 Concen: 18.148 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion: 93 Resp: 36575
 Ion Ratio Lower Upper
 93 100
 95 83.6 0.0 158.8
 174 120.5 0.0 224.2





#41

Bromodichloromethane

Concen: 17.764 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

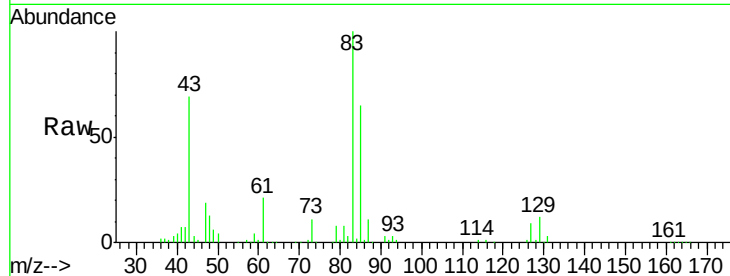
Tot Ion: 83 Resp: 67670

Ion Ratio Lower Upper

83 100

85 65.0 51.1 76.7

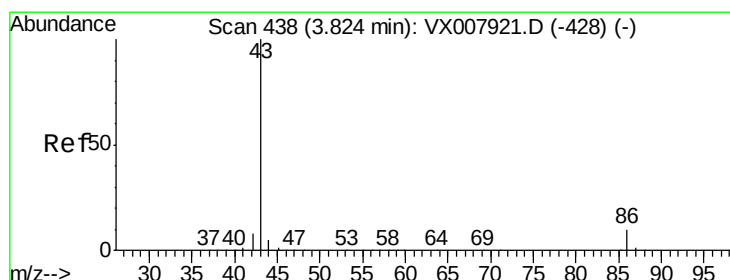
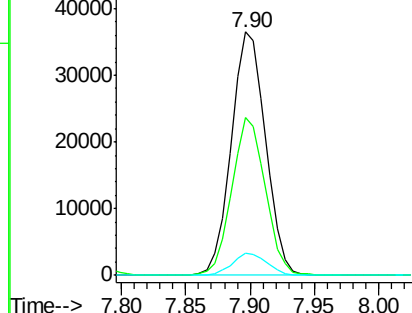
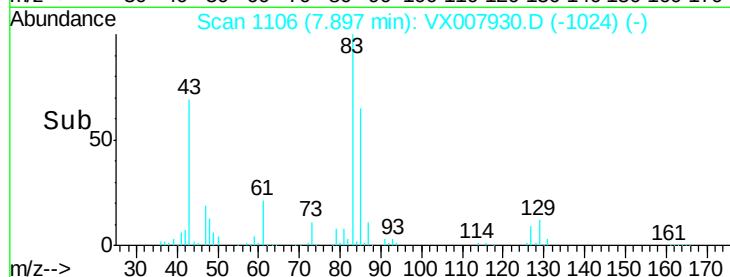
127 9.2 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 92.953 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007930.D

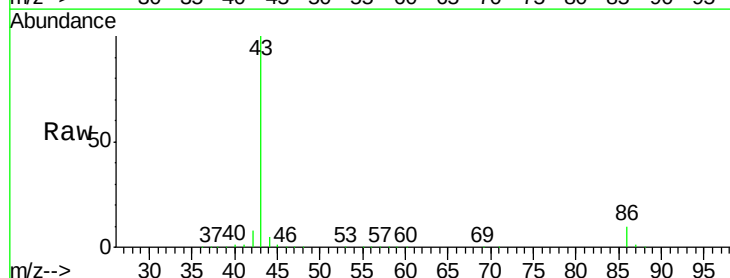
Acq: 08 Mar 2019 14:43

Tgt Ion: 43 Resp: 806788

Ion Ratio Lower Upper

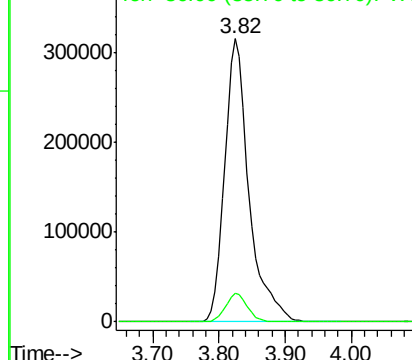
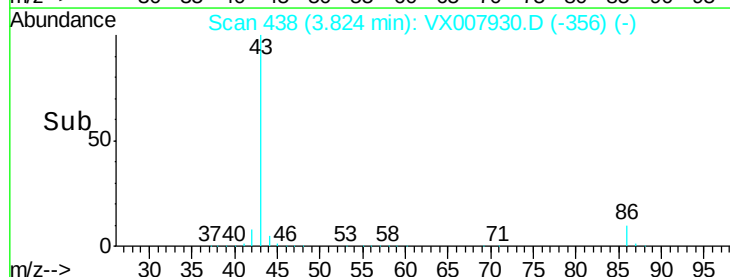
43 100

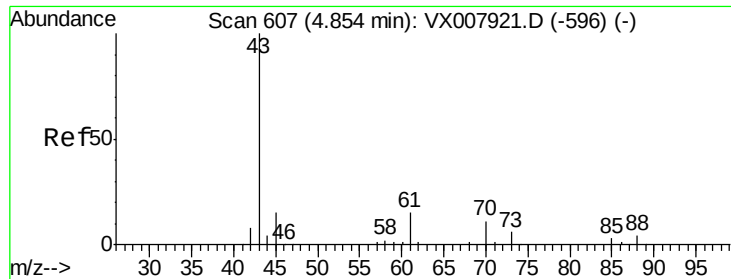
86 9.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

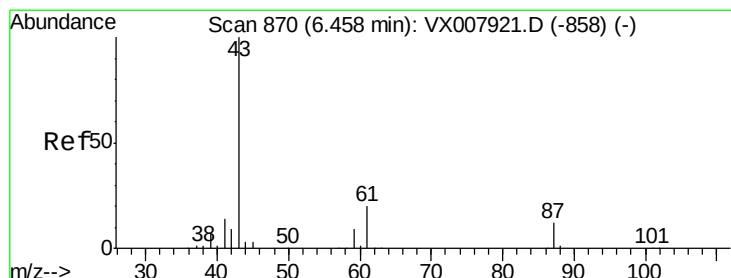
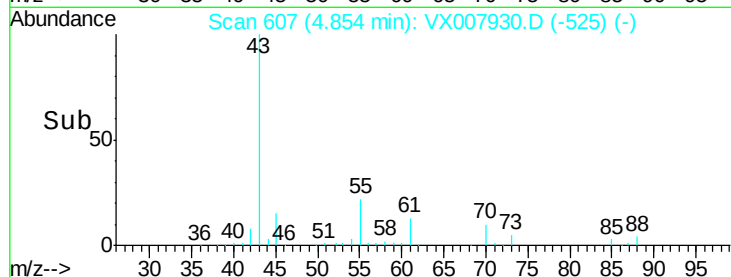
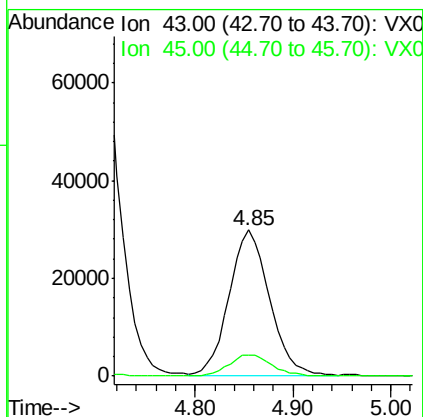
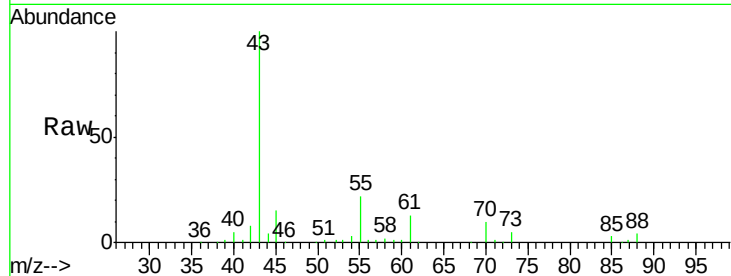




#43
Ethyl Acetate
Concen: 18.424 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

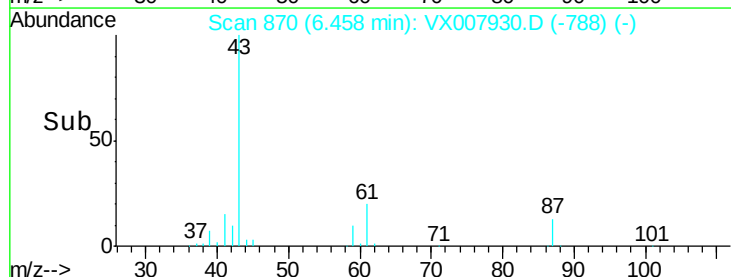
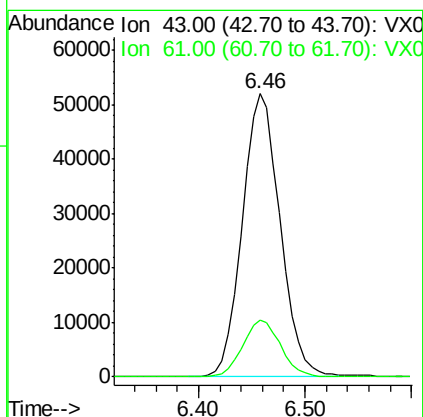
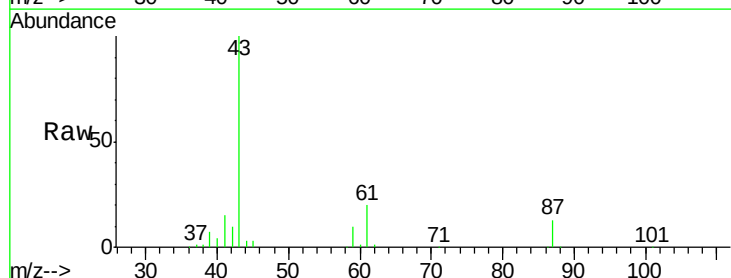
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

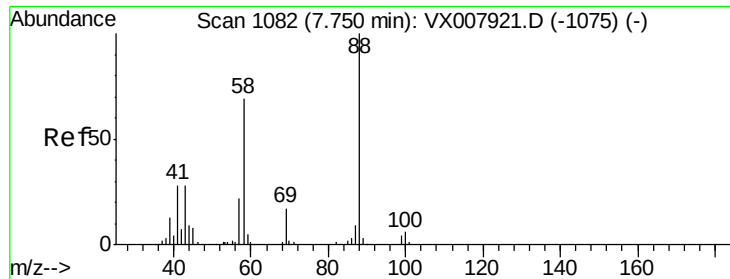
Tot Ion: 43 Resp: 86047
Ion Ratio Lower Upper
43 100
45 14.8 6.9 10.3#



#44
Isopropyl Acetate
Concen: 18.129 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion: 43 Resp: 129195
Ion Ratio Lower Upper
43 100
61 20.2 16.1 24.1

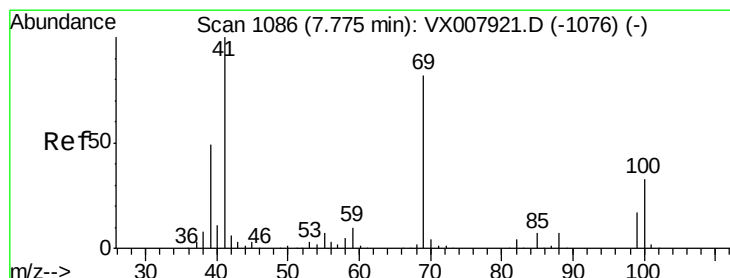
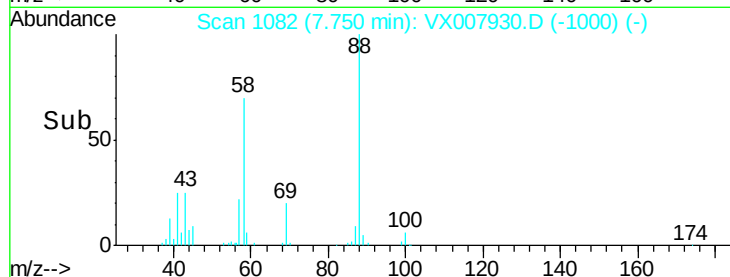
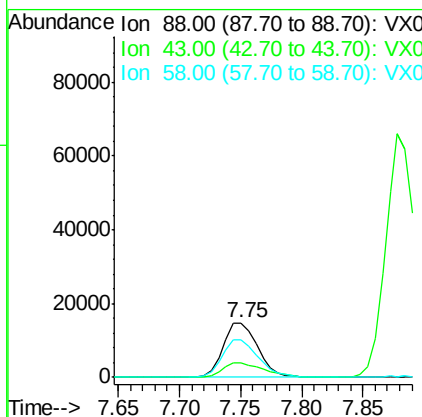
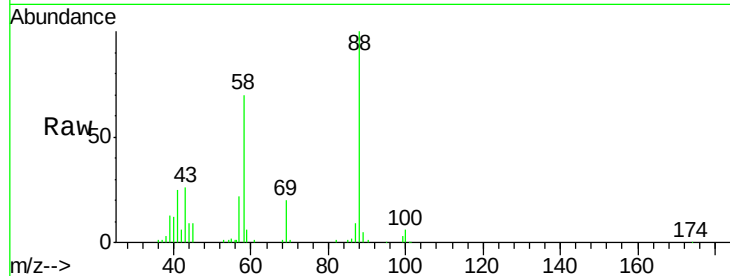




#45
 1,4-Dioxane
 Concen: 393.201 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

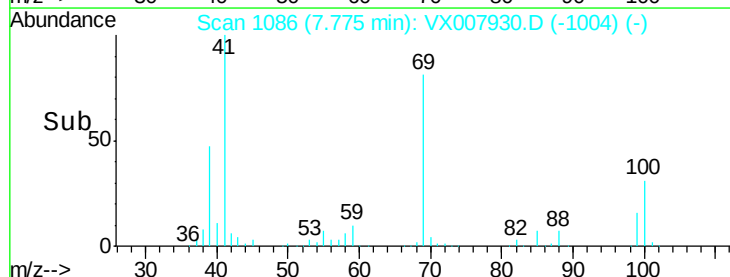
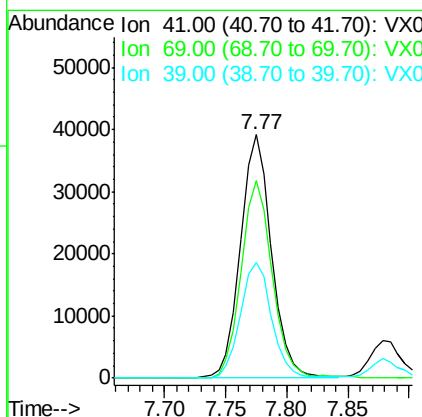
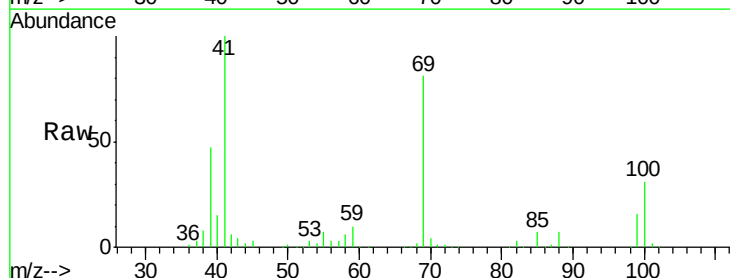
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

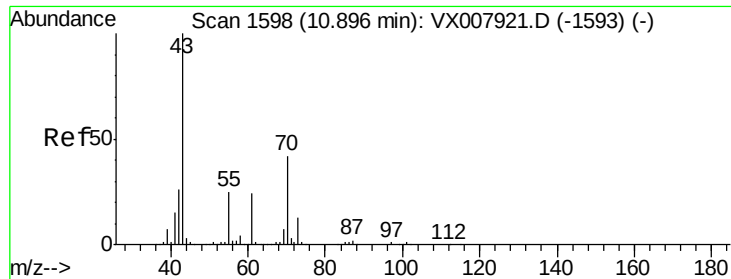
Tot Ion: 88 Resp: 29316
 Ion Ratio Lower Upper
 88 100
 43 30.7 23.6 35.4
 58 72.7 51.6 77.4



#46
 Methyl methacrylate
 Concen: 18.340 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion: 41 Resp: 68737
 Ion Ratio Lower Upper
 41 100
 69 81.2 44.2 132.6
 39 47.2 29.9 89.8





#47

n-amvl Acetate

Concen: 18.030 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampled :

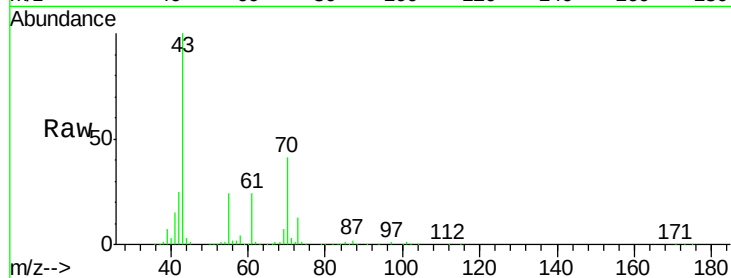
VX0308WBS01

Tot Ion: 43 Resp: 110708

Ion Ratio Lower Upper

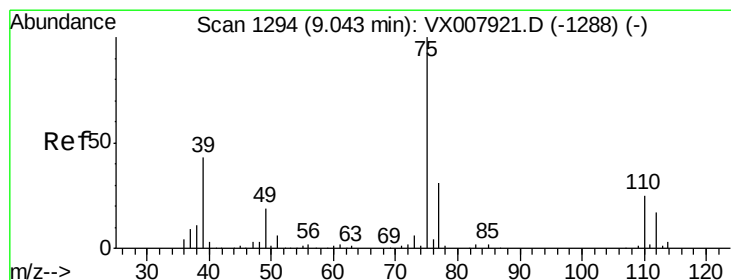
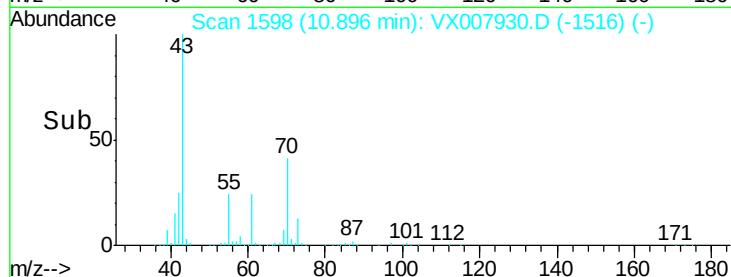
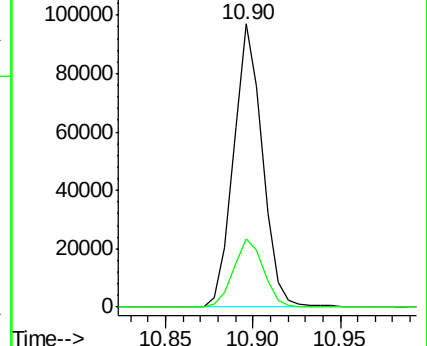
43 100

55 25.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 16.946 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007930.D

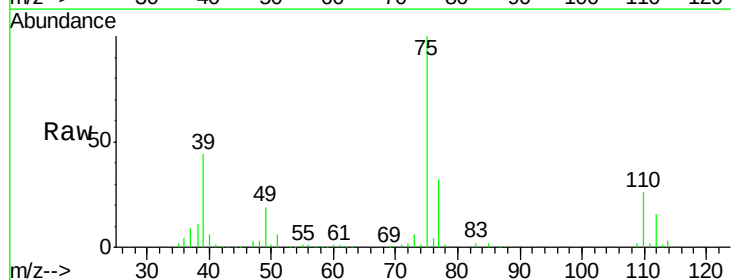
Acq: 08 Mar 2019 14:43

Tgt Ion: 75 Resp: 69913

Ion Ratio Lower Upper

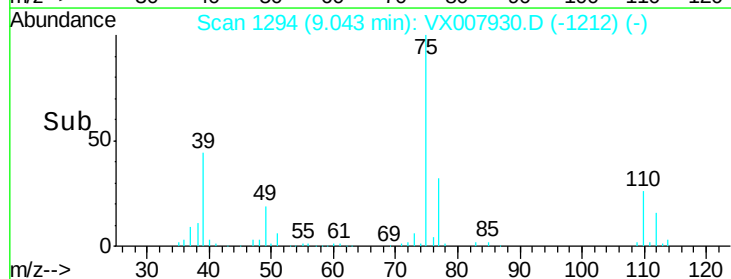
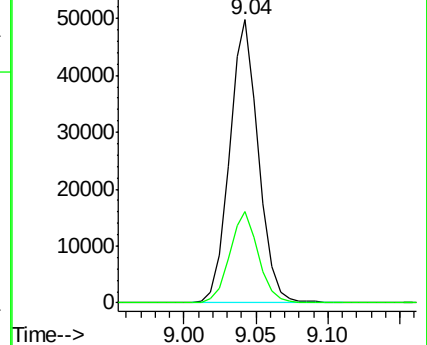
75 100

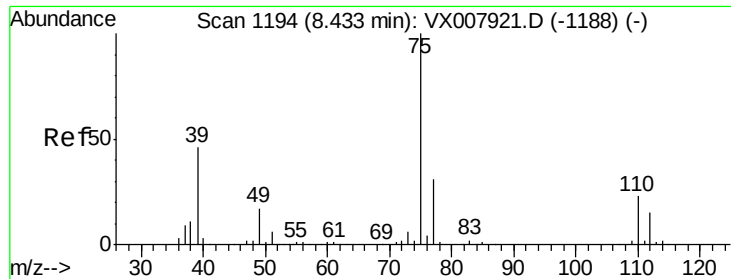
77 32.3 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

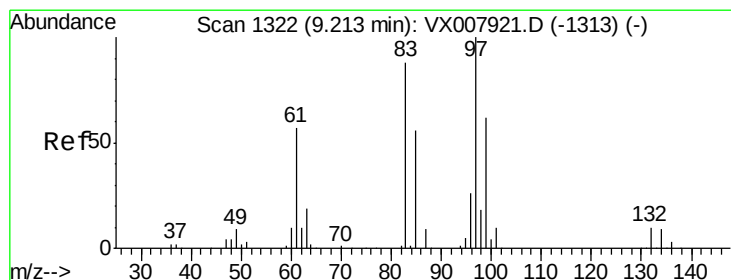
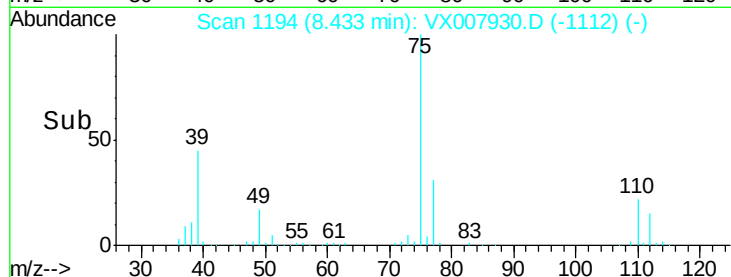
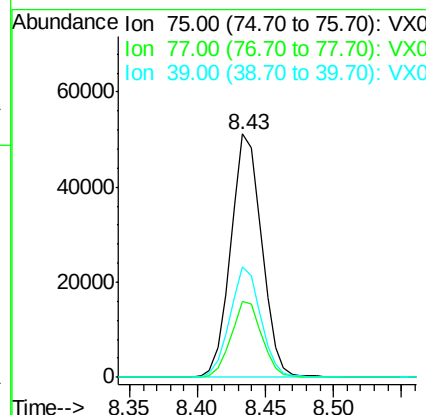
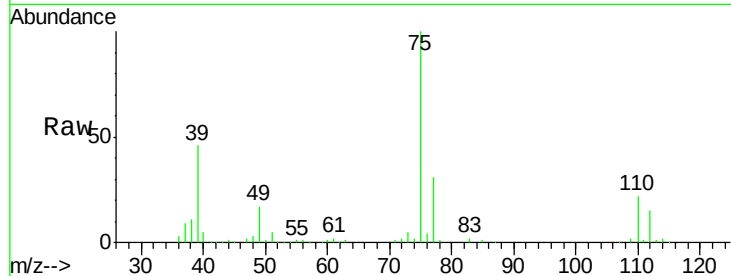




#49
 cis-1,3-Dichloropropene
 Concen: 17.432 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

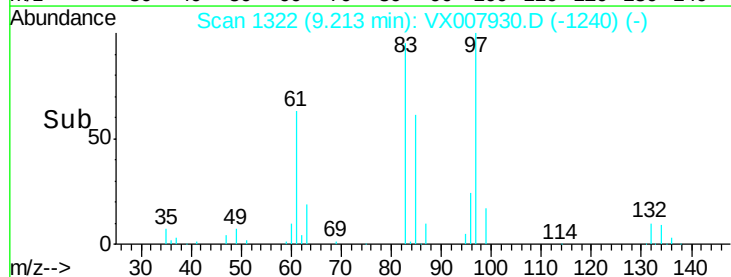
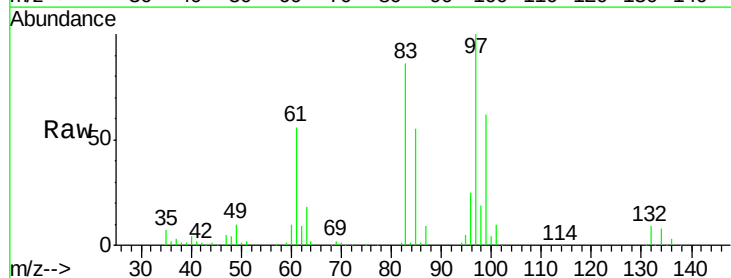
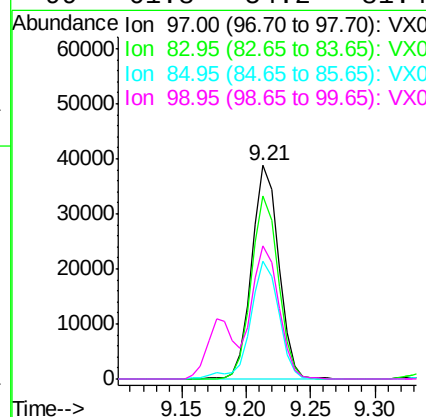
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

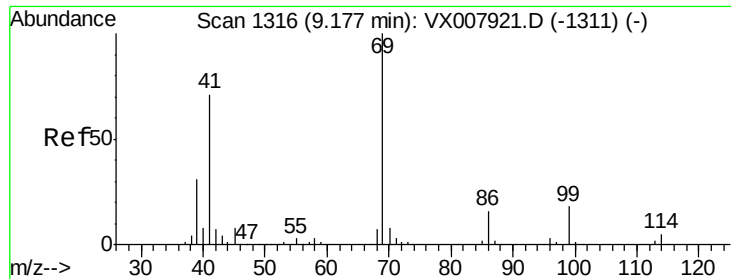
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.4
39	45.4	38.5	57.7



#50
 1,1,2-Trichloroethane
 Concen: 18.164 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.0	108.0
85	55.4	45.0	67.6
99	61.8	54.2	81.4





#51

Ethyl methacrylate

Concen: 18.036 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS01

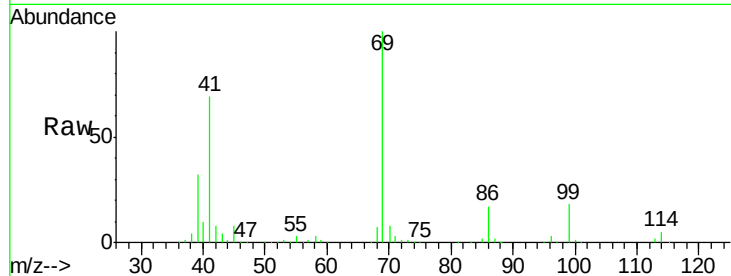
Tot Ion: 69 Resp: 84028

Ion Ratio Lower Upper

69 100

41 68.8 32.1 96.5

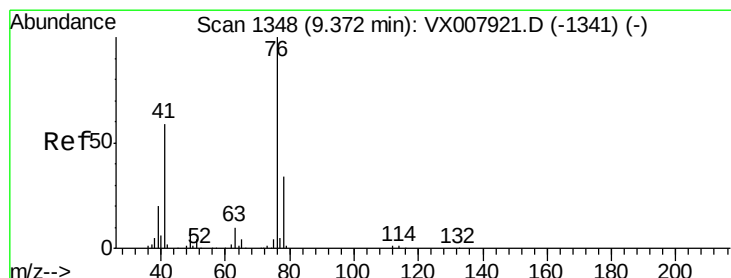
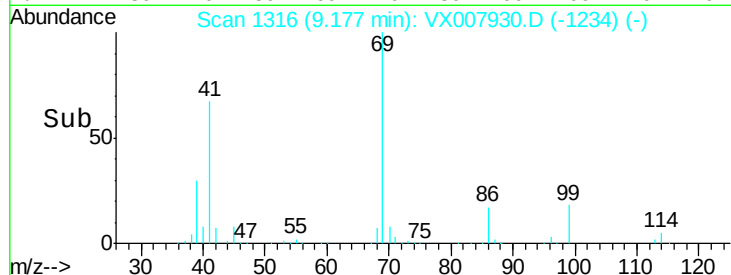
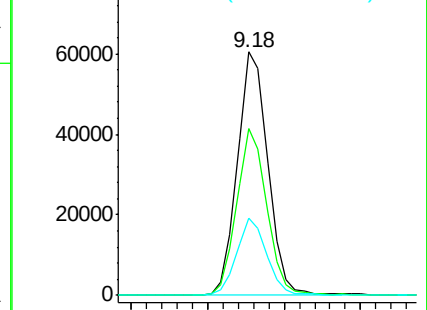
39 31.4 18.8 56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.305 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007930.D

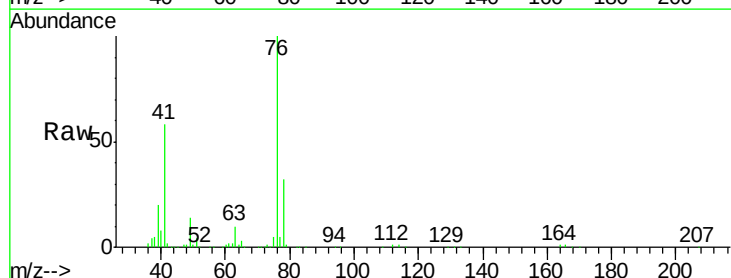
Acq: 08 Mar 2019 14:43

Tgt Ion: 76 Resp: 92914

Ion Ratio Lower Upper

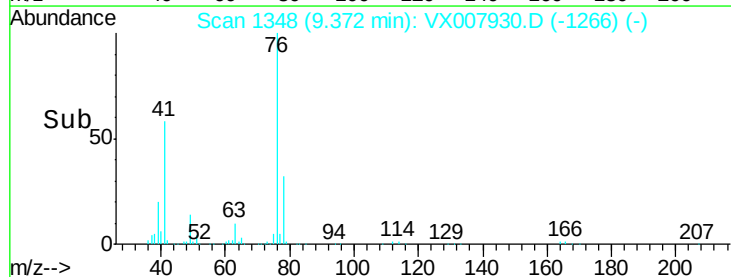
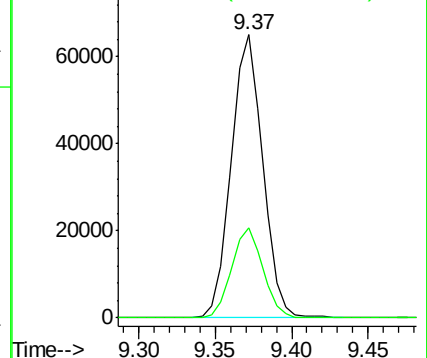
76 100

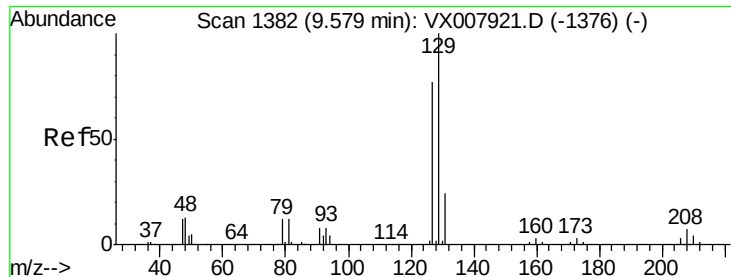
78 31.6 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.786 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

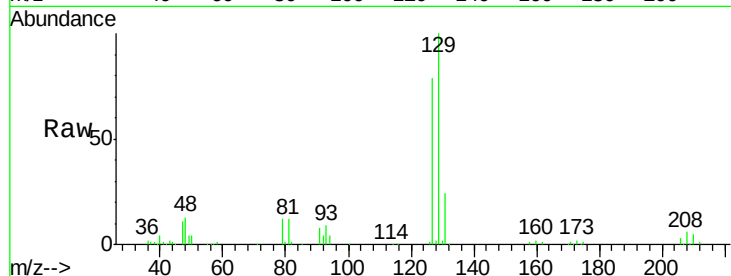
VX0308WBS01

Tot Ion:129 Resp: 56202

Ion Ratio Lower Upper

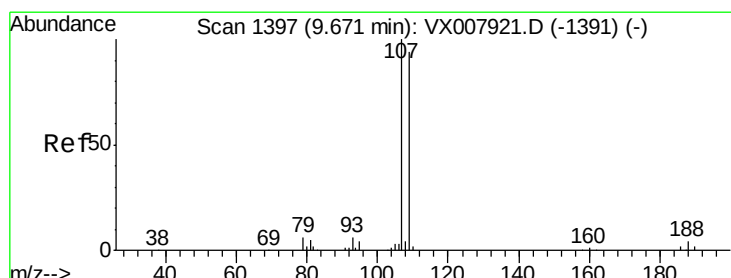
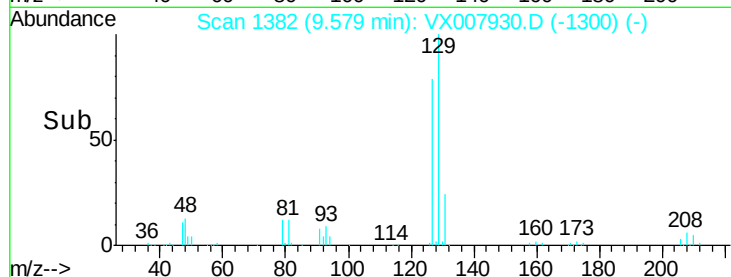
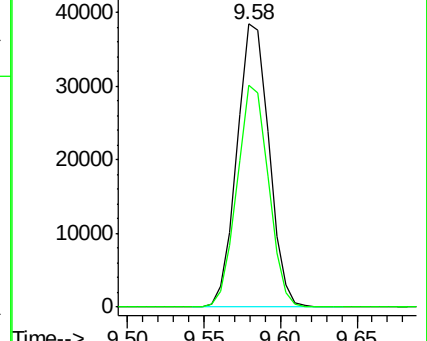
129 100

127 76.9 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.310 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007930.D

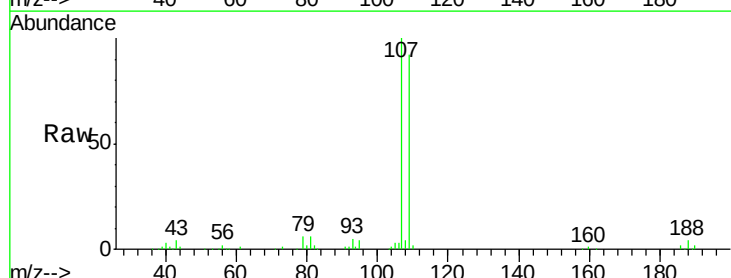
Acq: 08 Mar 2019 14:43

Tgt Ion:107 Resp: 58804

Ion Ratio Lower Upper

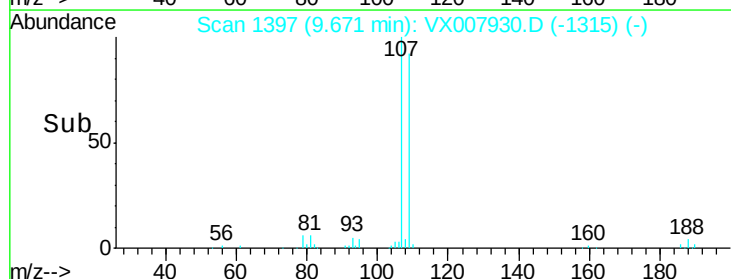
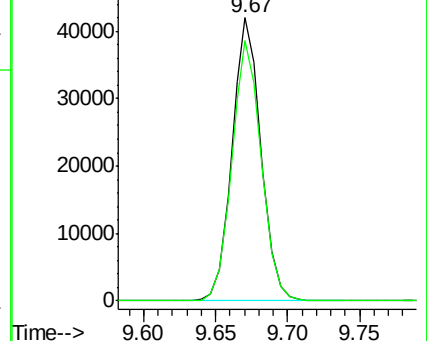
107 100

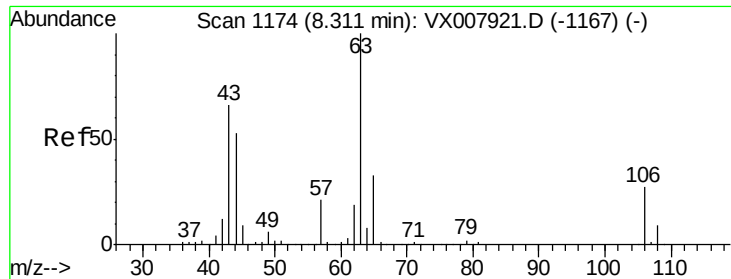
109 93.7 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

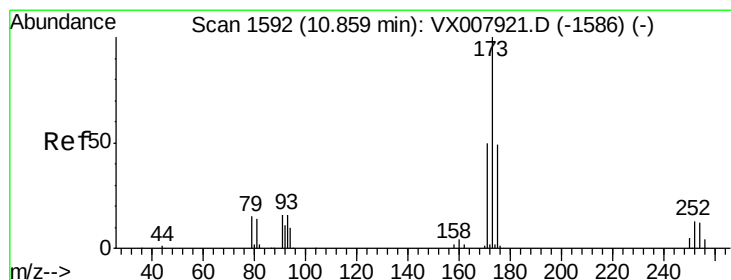
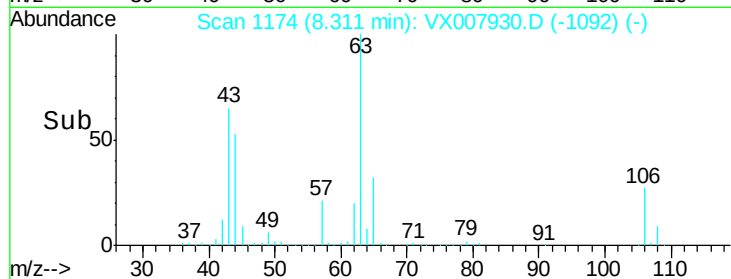
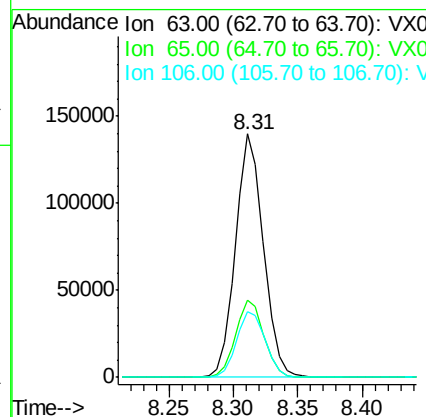
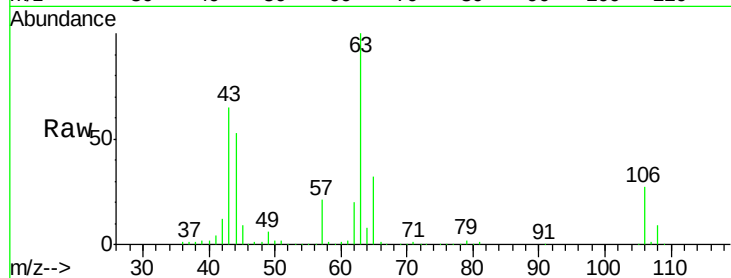




#55
2-Chloroethyl vinyl ether
Concen: 97.919 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

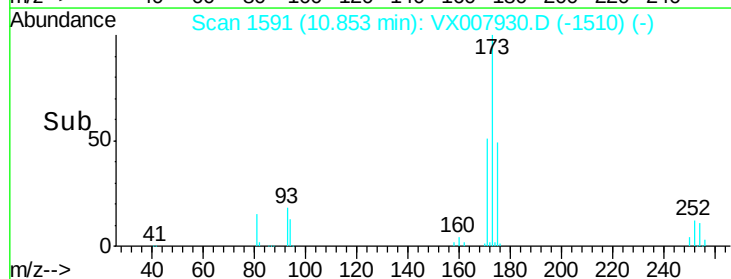
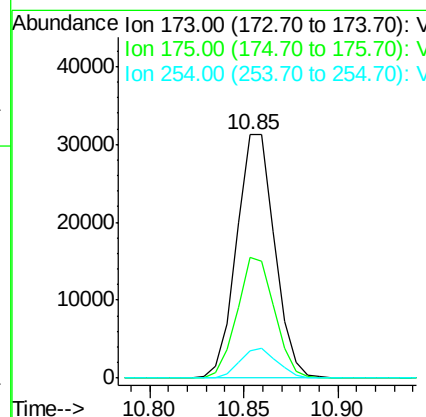
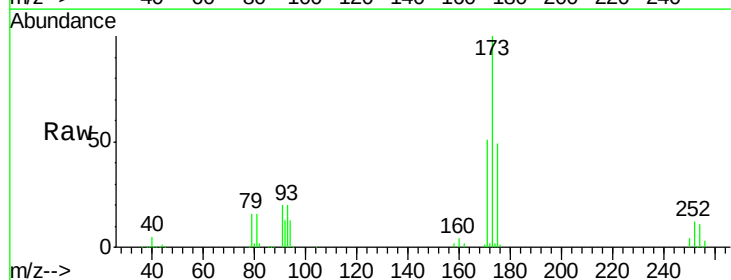
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

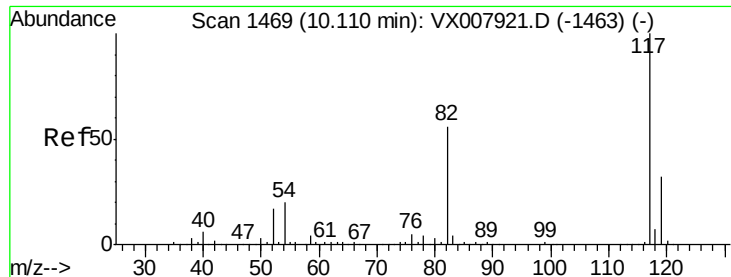
Tot Ion: 63 Resp: 212175
Ion Ratio Lower Upper
63 100
65 32.2 25.7 38.5
106 27.9 23.7 35.5



#56
Bromoform
Concen: 17.389 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion: 173 Resp: 43830
Ion Ratio Lower Upper
173 100
175 48.8 38.5 57.7
254 12.0 7.4 11.2#

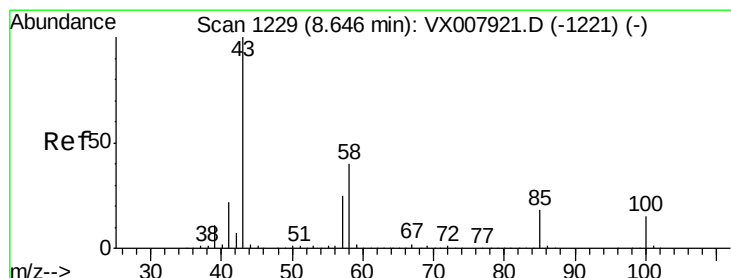
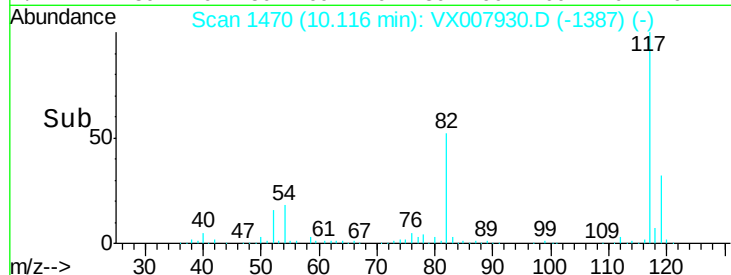
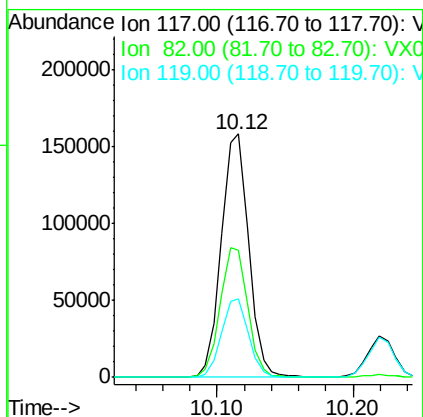
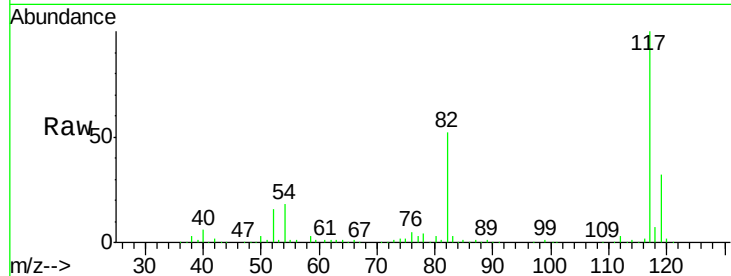




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

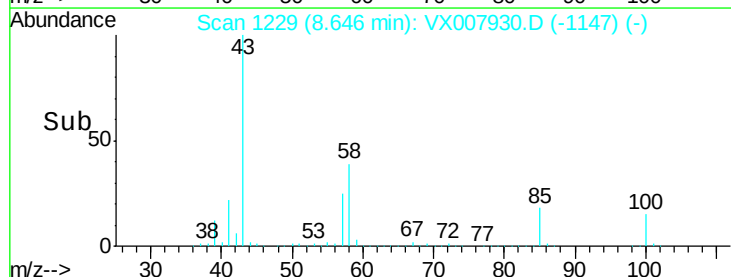
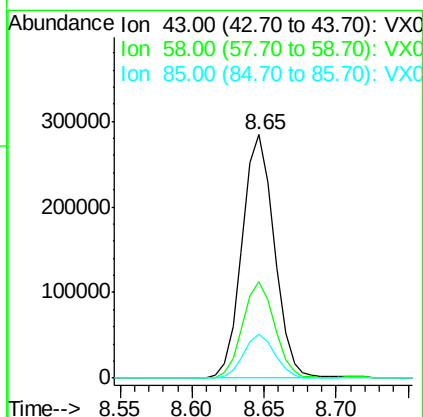
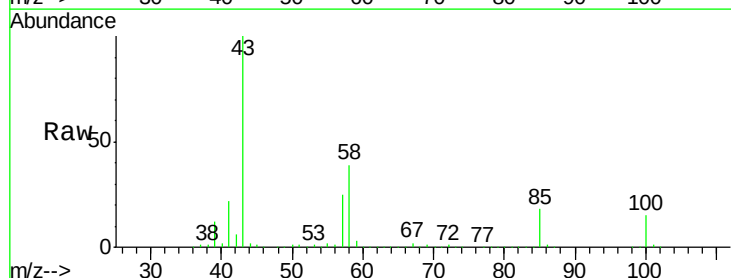
Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

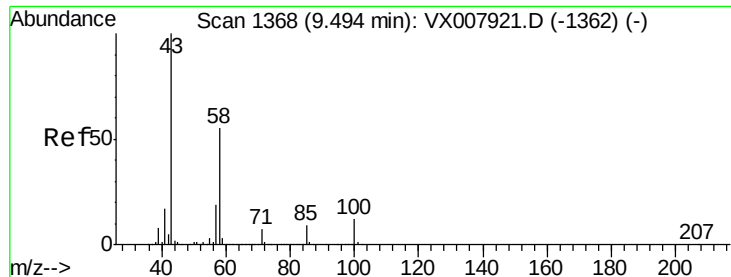
Tot Ion:117 Resp: 221087
Ion Ratio Lower Upper
117 100
82 53.8 40.4 60.6
119 31.8 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 96.853 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion: 43 Resp: 440861
Ion Ratio Lower Upper
43 100
58 39.3 31.4 47.0
85 17.6 15.0 22.6

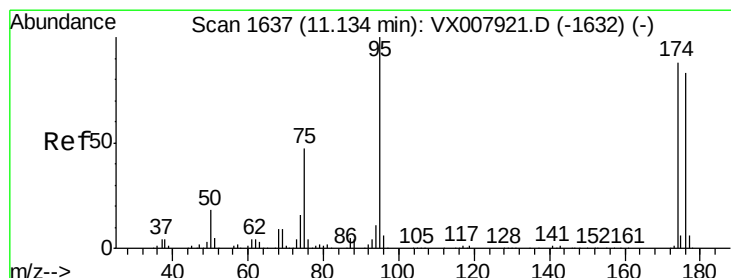
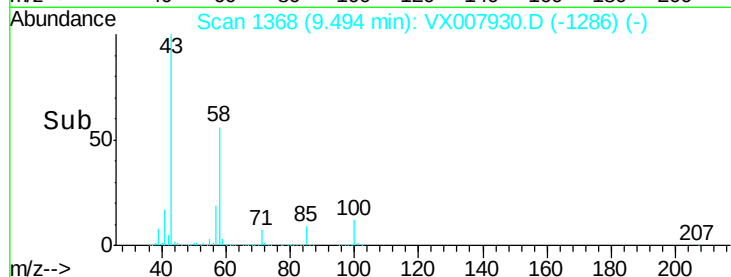
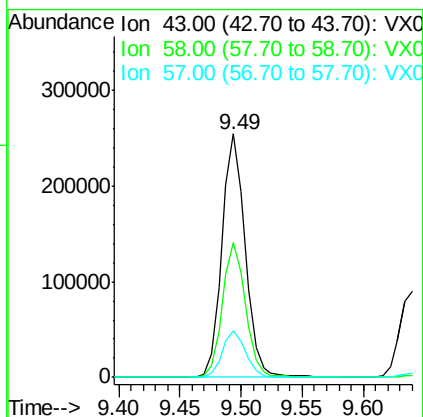
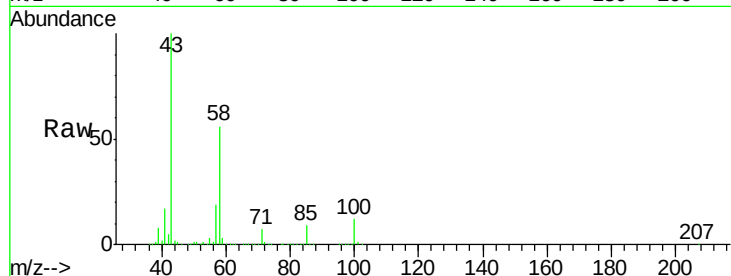




#59
2-Hexanone
Concen: 93.614 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

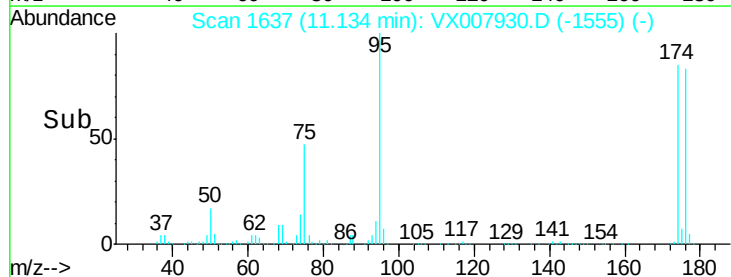
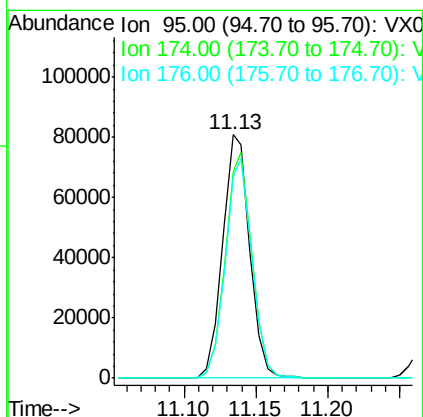
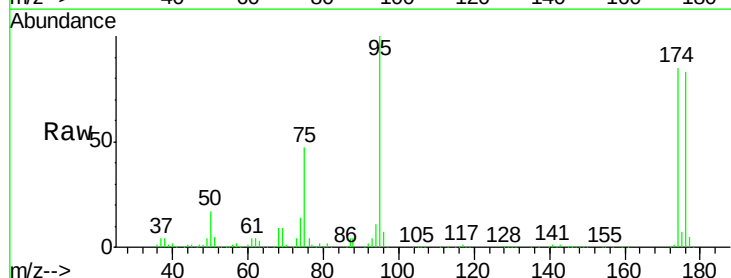
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

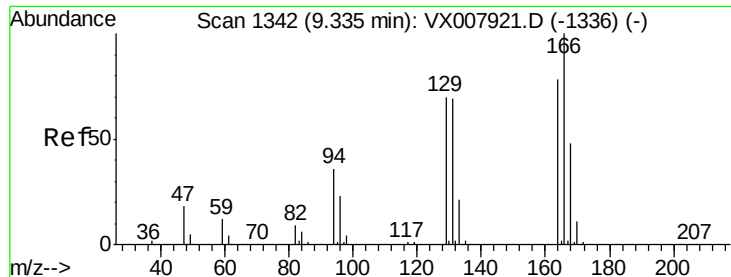
Tot Ion: 43 Resp: 336366
Ion Ratio Lower Upper
43 100
58 55.0 43.9 65.9
57 19.2 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 30.405 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion: 95 Resp: 107295
Ion Ratio Lower Upper
95 100
174 91.1 74.9 112.3
176 88.4 70.7 106.1





#61

Tetrachloroethene

Concen: 18.555 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

Tot Ion:164 Resp: 59843

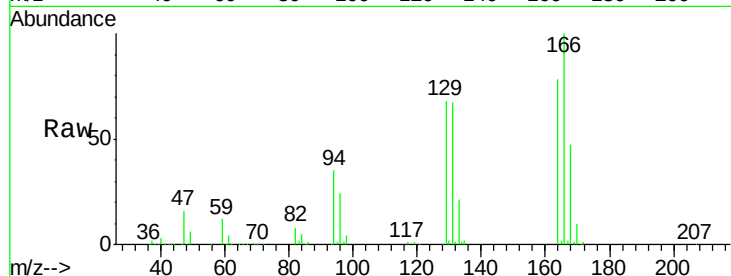
Ion Ratio Lower Upper

164 100

166 127.8 103.9 155.9

129 87.4 74.7 112.1

131 86.2 71.7 107.5

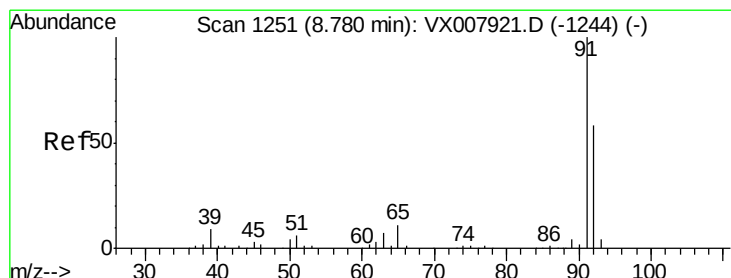
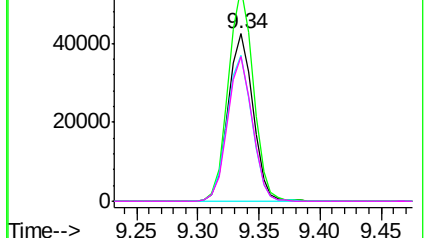
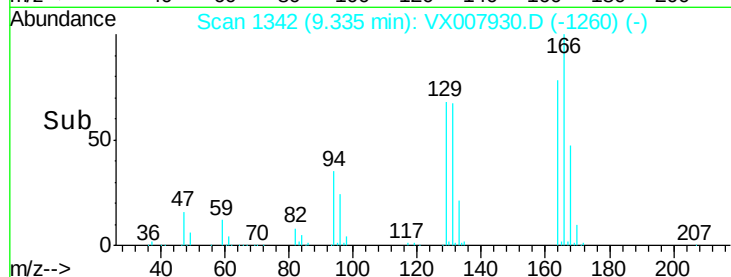


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.192 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007930.D

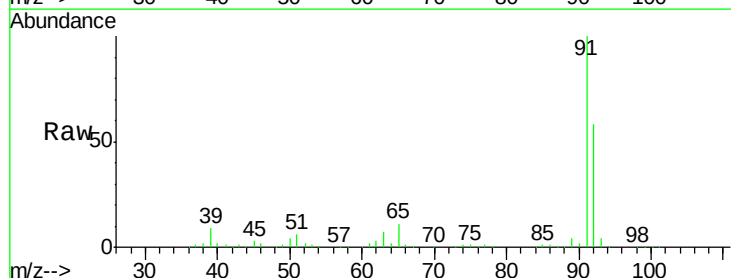
Acq: 08 Mar 2019 14:43

Tgt Ion: 91 Resp: 234861

Ion Ratio Lower Upper

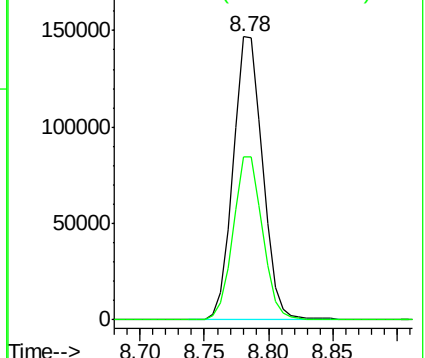
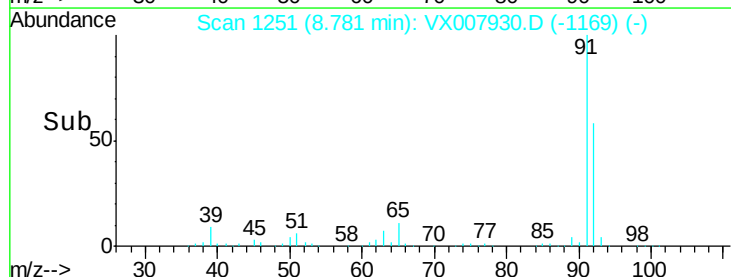
91 100

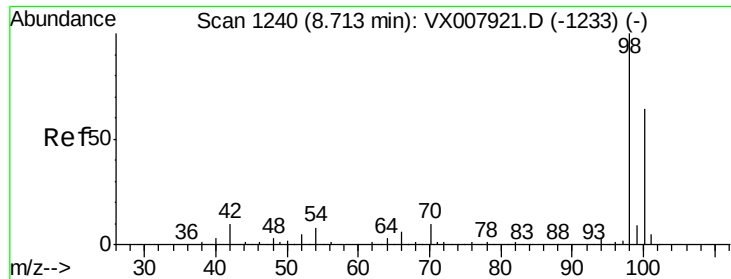
92 57.9 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.088 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

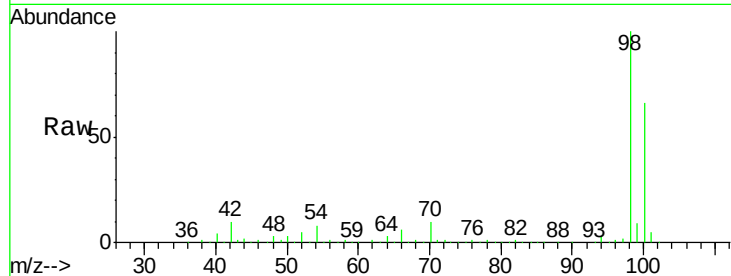
VX0308WBS01

Tot Ion: 98 Resp: 304422

Ion Ratio Lower Upper

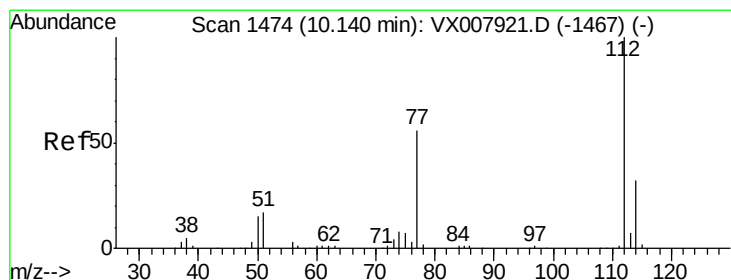
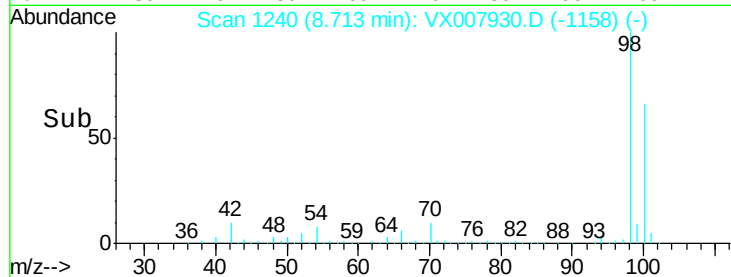
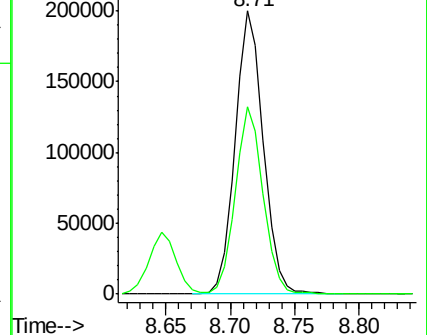
98 100

100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 18.028 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007930.D

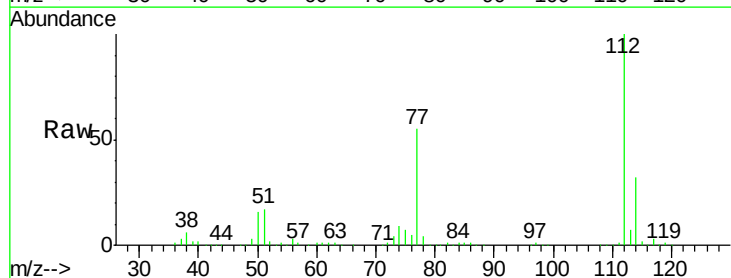
Acq: 08 Mar 2019 14:43

Tgt Ion: 112 Resp: 148338

Ion Ratio Lower Upper

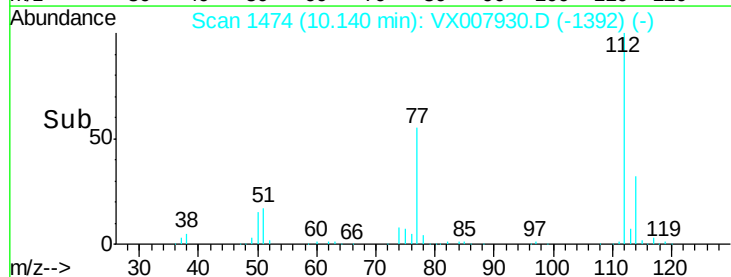
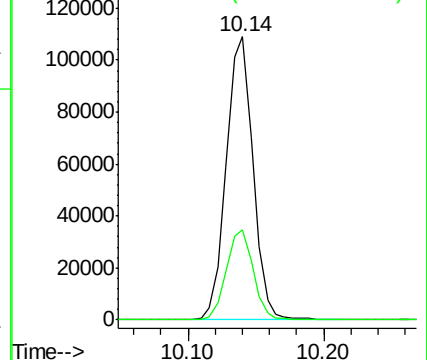
112 100

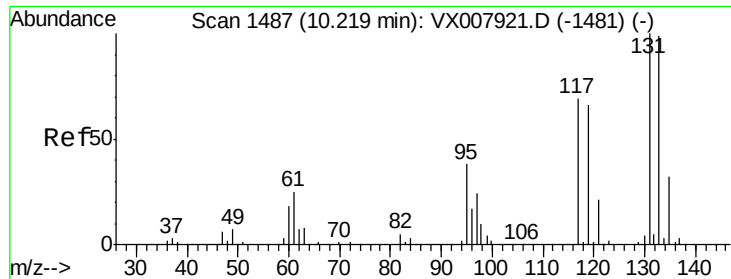
114 31.9 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 17.971 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS01

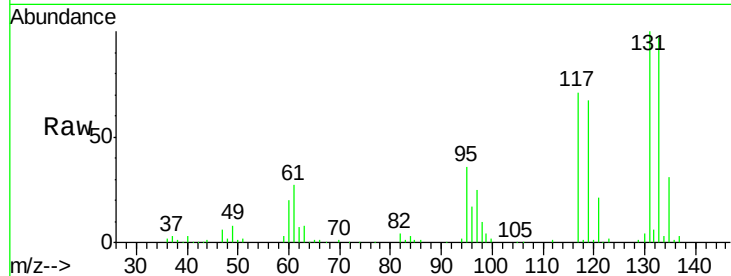
Tot Ion:131 Resp: 52942

Ion Ratio Lower Upper

131 100

133 96.3 0.0 191.6

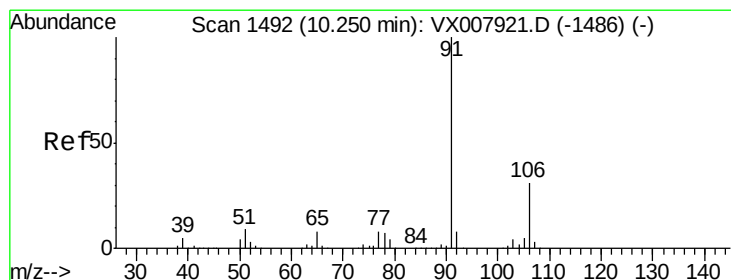
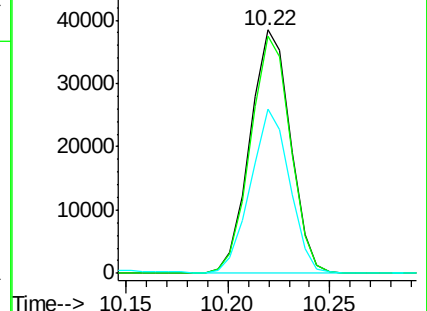
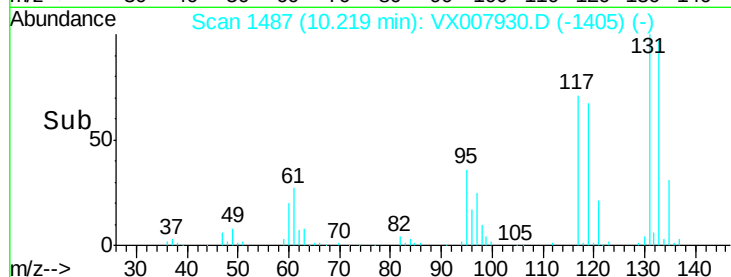
119 65.6 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 17.983 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007930.D

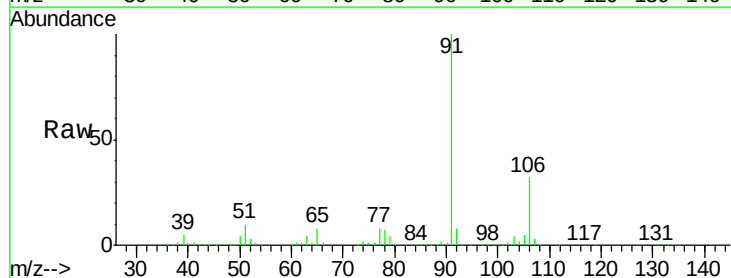
Acq: 08 Mar 2019 14:43

Tgt Ion: 91 Resp: 249365

Ion Ratio Lower Upper

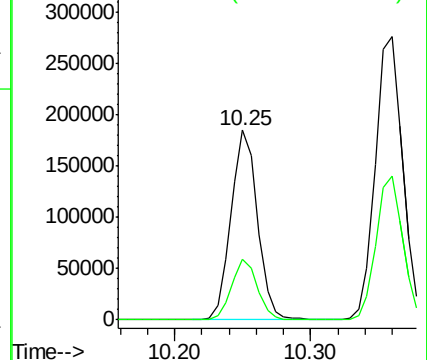
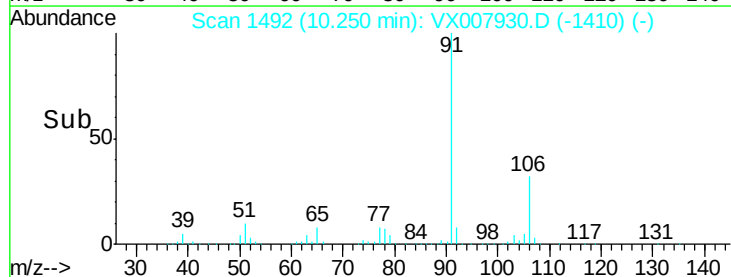
91 100

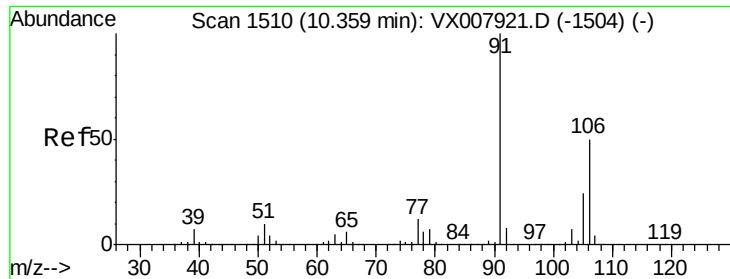
106 31.9 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 36.113 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

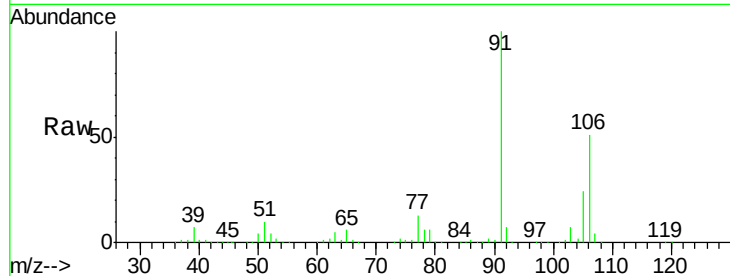
VX0308WBS01

Tot Ion:106 Resp: 192015

Ion Ratio Lower Upper

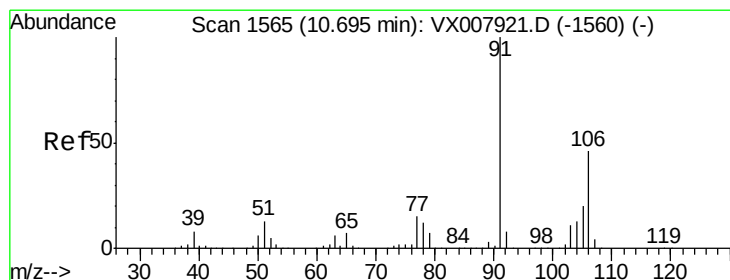
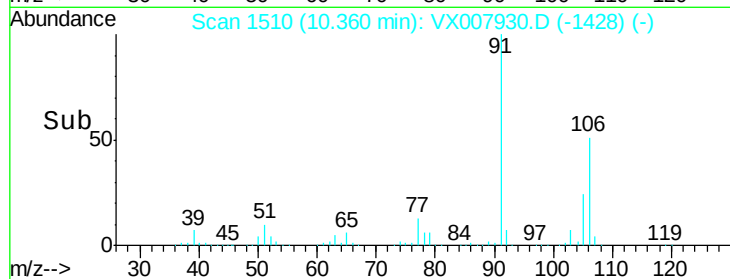
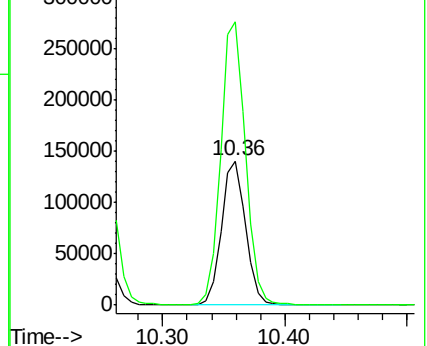
106 100

91 201.6 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.128 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX007930.D

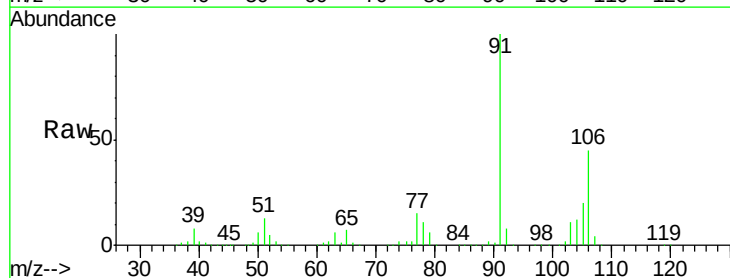
Acq: 08 Mar 2019 14:43

Tgt Ion:106 Resp: 93598

Ion Ratio Lower Upper

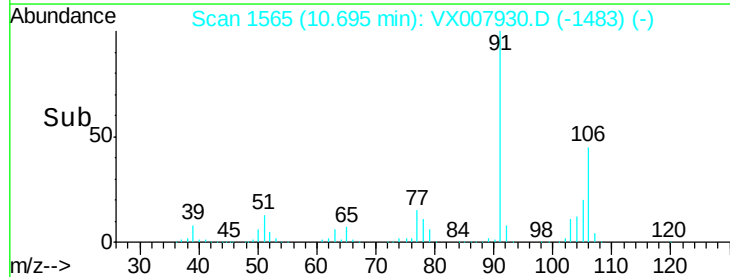
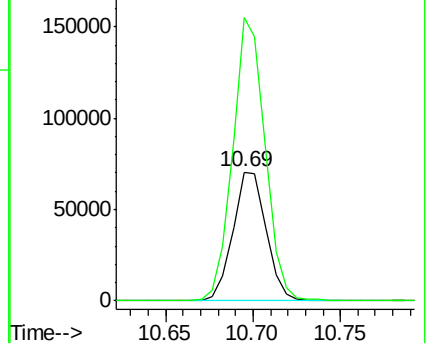
106 100

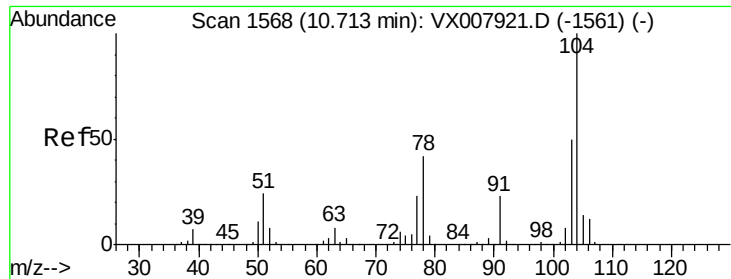
91 212.2 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 17.953 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS01

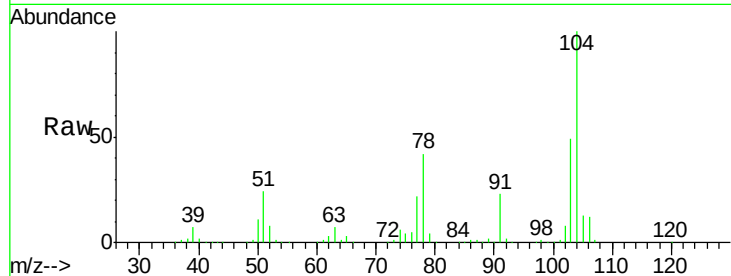
Tot Ion:104 Resp: 152729

Ion Ratio Lower Upper

104 100

78 48.8 38.2 57.2

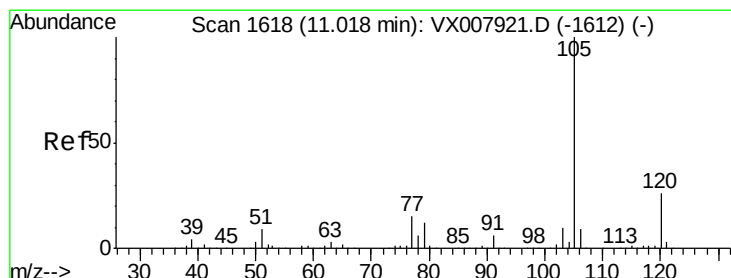
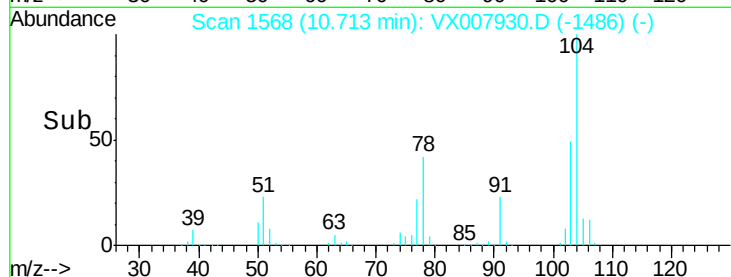
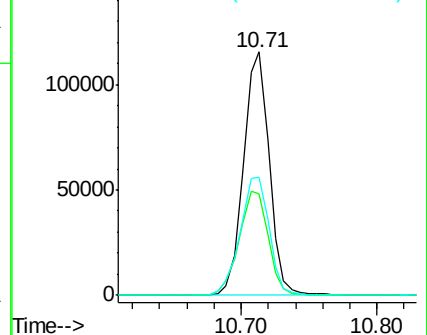
103 55.2 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.234 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007930.D

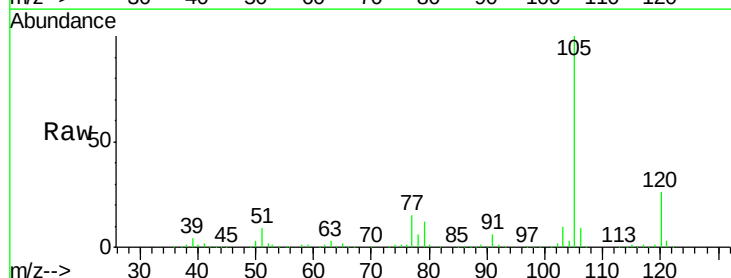
Acq: 08 Mar 2019 14:43

Tgt Ion:105 Resp: 251565

Ion Ratio Lower Upper

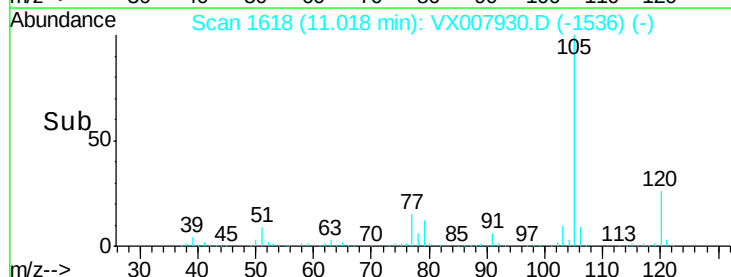
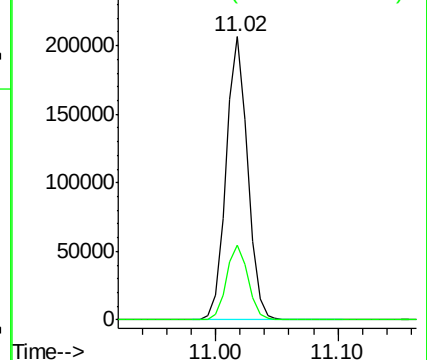
105 100

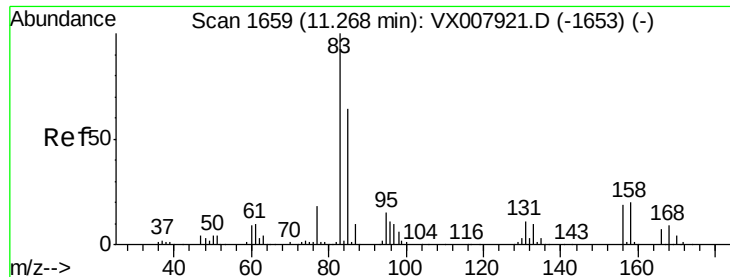
120 26.6 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

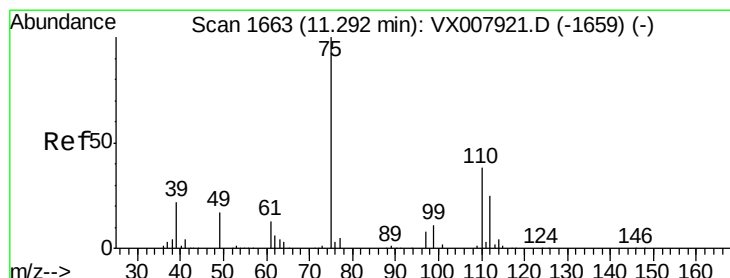
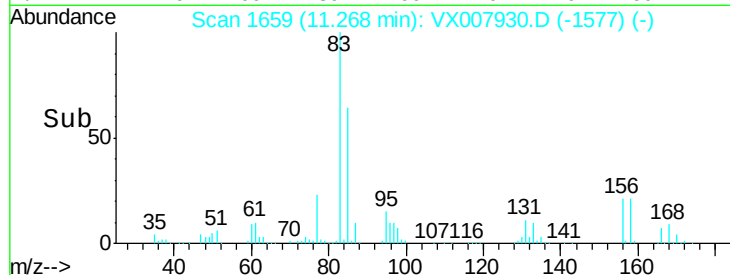
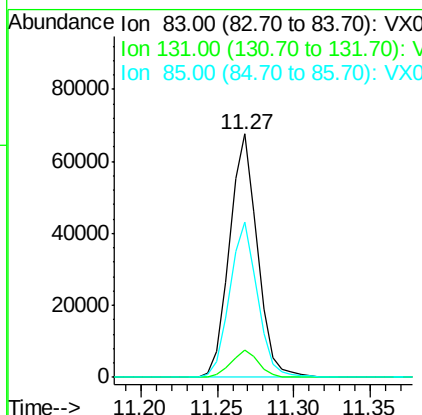
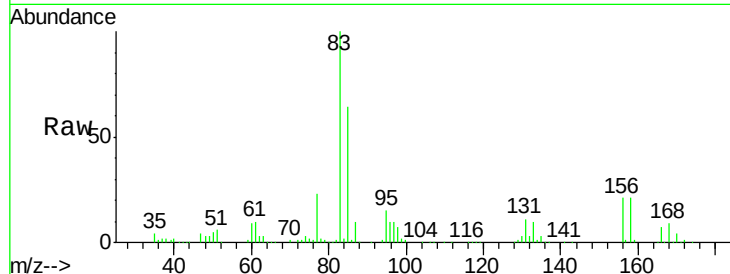




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.749 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

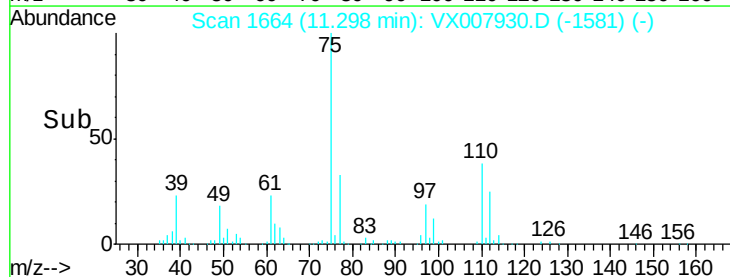
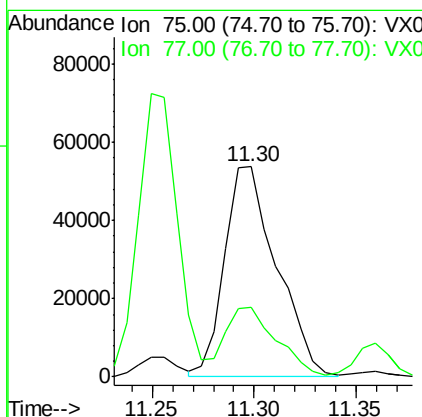
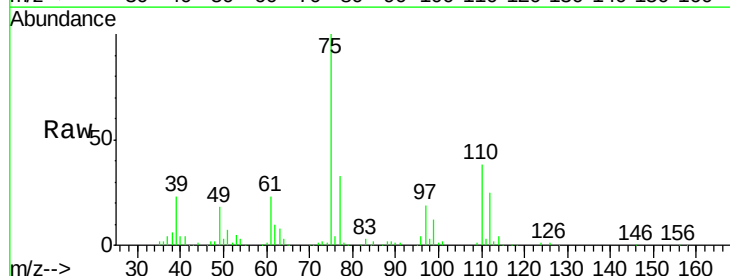
Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS01

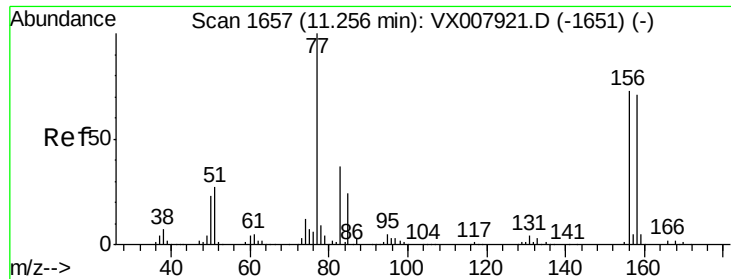
Tot Ion: 83 Resp: 85429
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.4 16.2
 85 63.5 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 22.234 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion: 75 Resp: 95493
 Ion Ratio Lower Upper
 75 100
 77 33.1 0.0 76.4





#73

Bromobenzene

Concen: 18.317 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS01

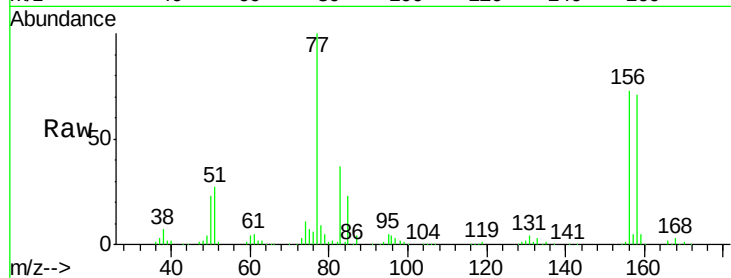
Tot Ion:156 Resp: 67184

Ion Ratio Lower Upper

156 100

77 143.8 0.0 271.4

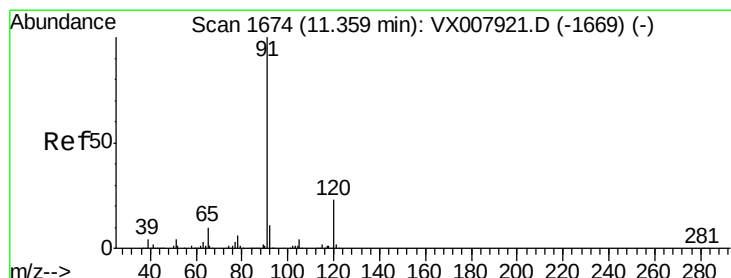
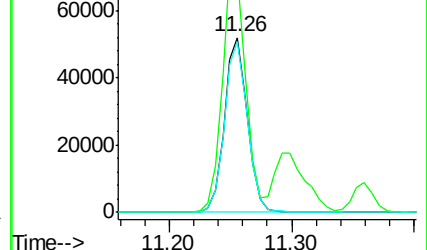
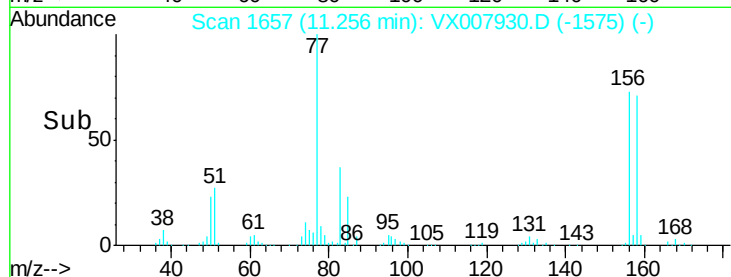
158 98.1 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.954 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007930.D

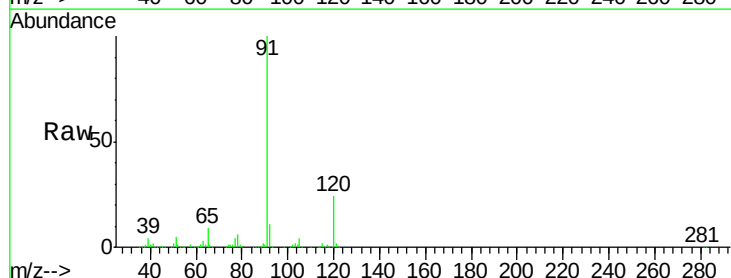
Acq: 08 Mar 2019 14:43

Tgt Ion: 91 Resp: 279403

Ion Ratio Lower Upper

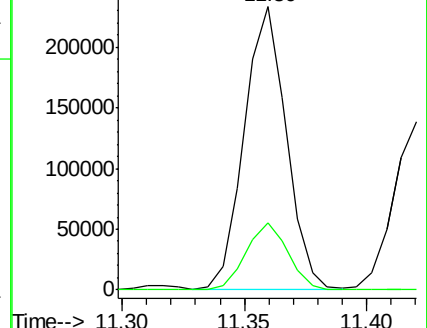
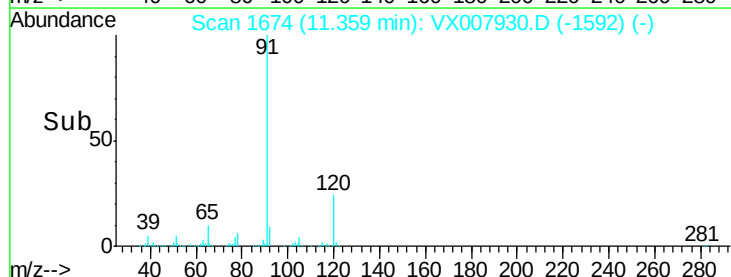
91 100

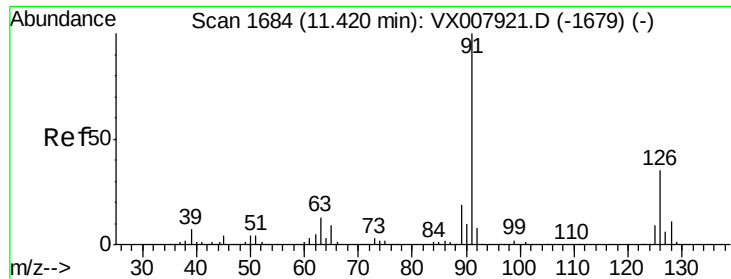
120 23.5 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.127 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampled :

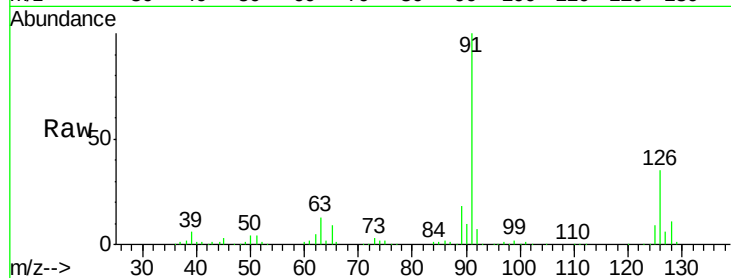
VX0308WBS01

Tot Ion: 91 Resp: 169089

Ion Ratio Lower Upper

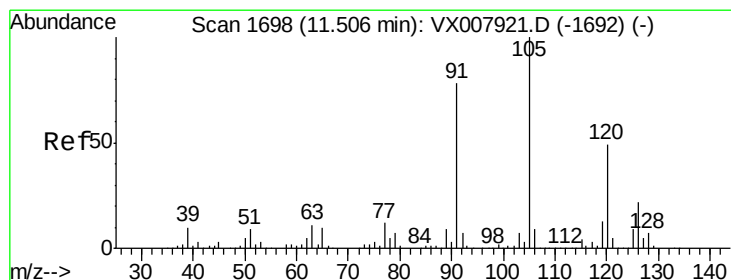
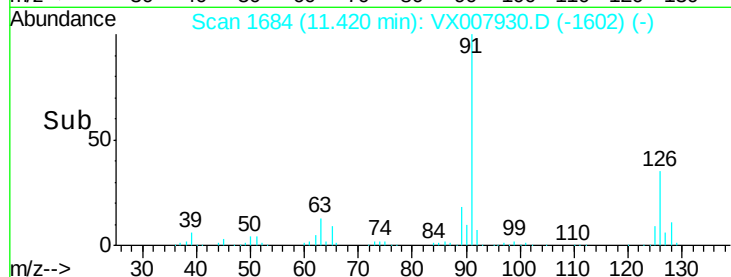
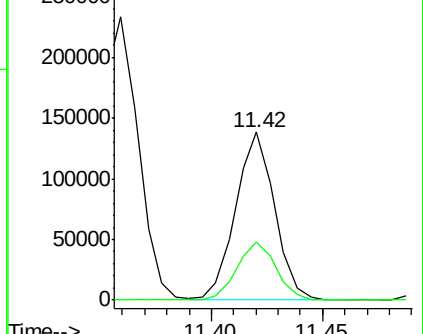
91 100

126 34.9 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.183 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007930.D

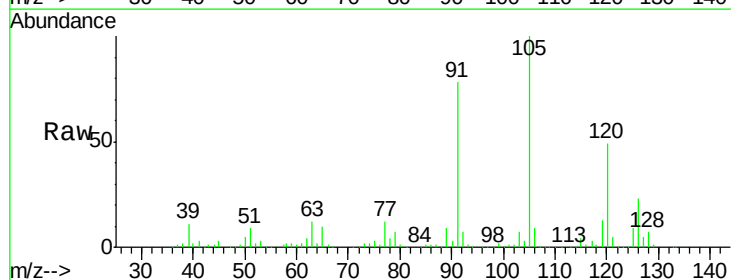
Acq: 08 Mar 2019 14:43

Tgt Ion: 105 Resp: 207897

Ion Ratio Lower Upper

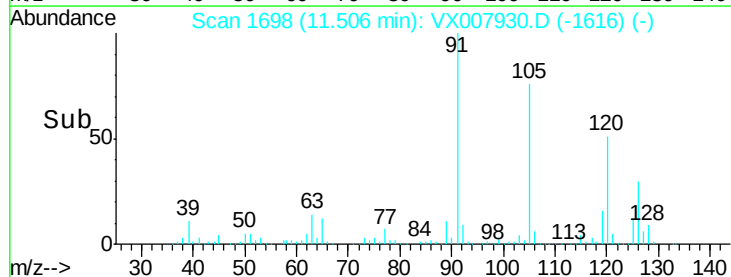
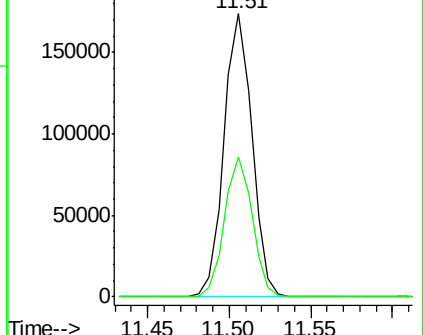
105 100

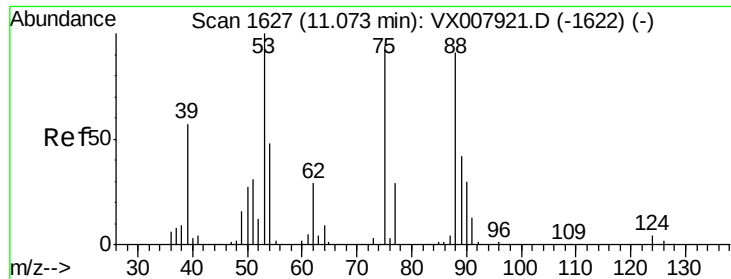
120 49.1 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 16.602 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS01

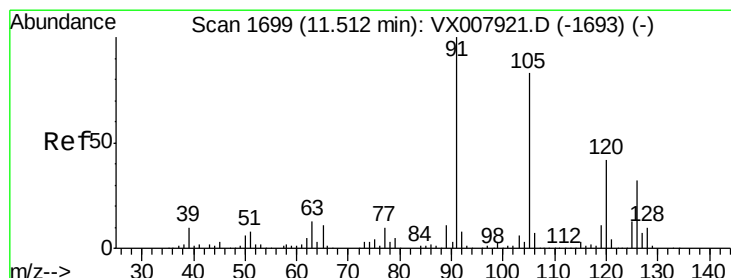
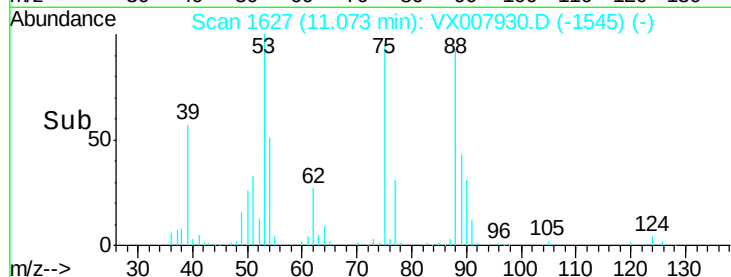
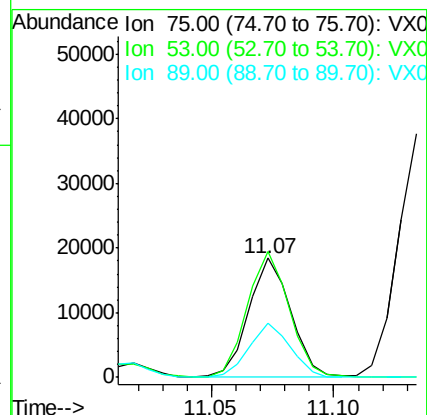
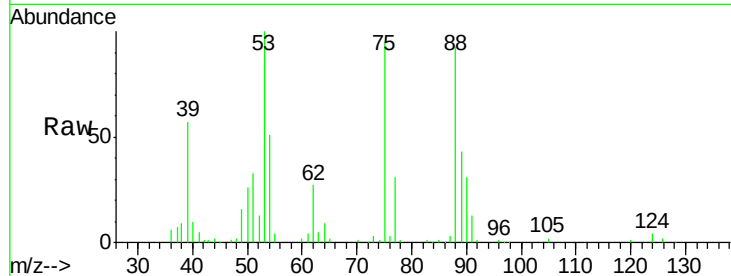
Tot Ion: 75 Resp: 22031

Ion Ratio Lower Upper

75 100

53 105.1 55.5 166.7

89 45.7 24.4 73.2



#78

4-Chlorotoluene

Concen: 17.995 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007930.D

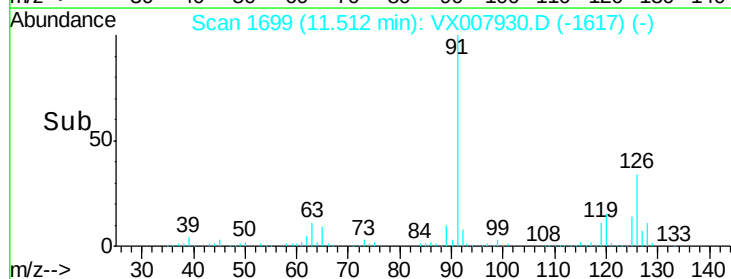
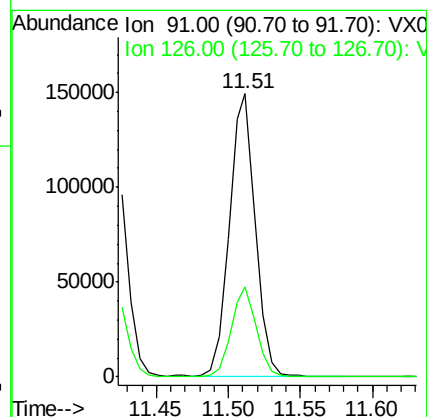
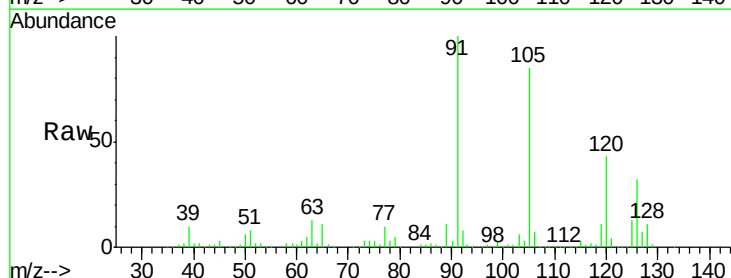
Acq: 08 Mar 2019 14:43

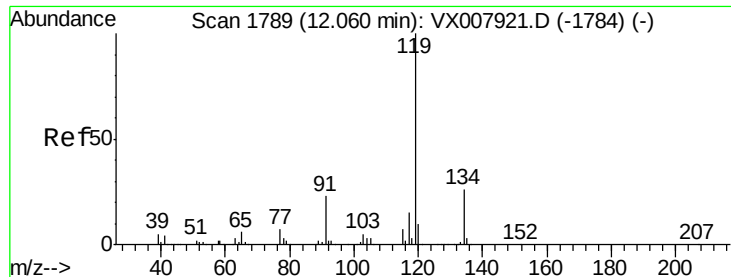
Tgt Ion: 91 Resp: 189776

Ion Ratio Lower Upper

91 100

126 30.5 0.0 66.2

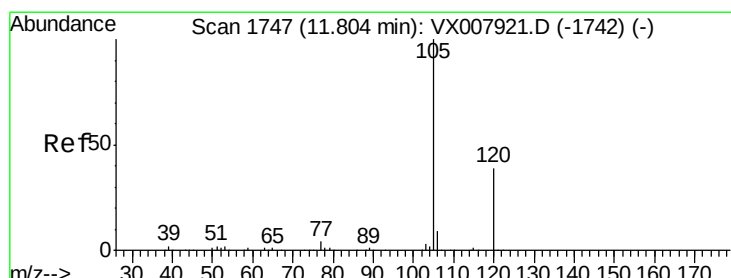
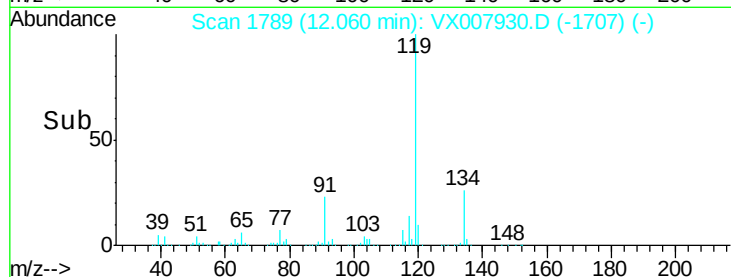
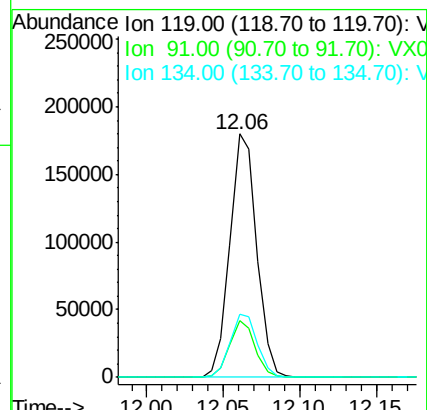
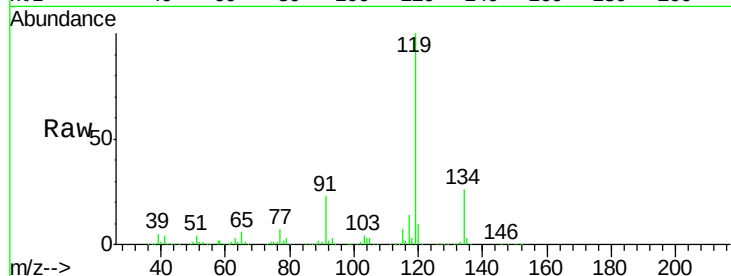




#79
tert-butylbenzene
Concen: 17.791 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

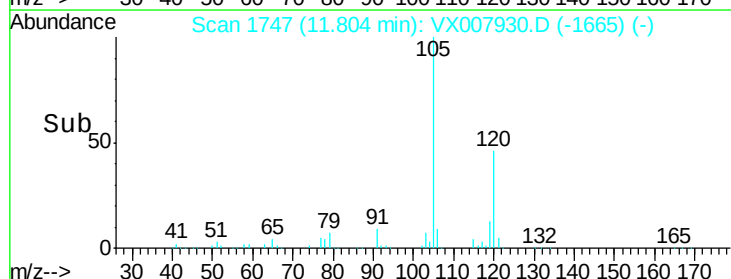
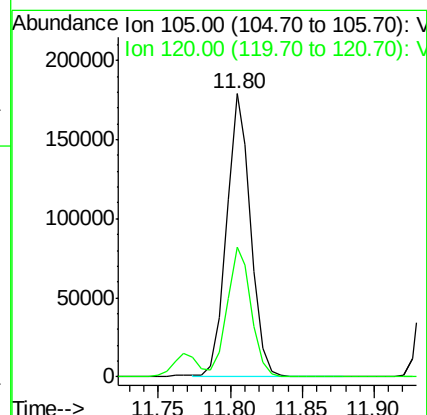
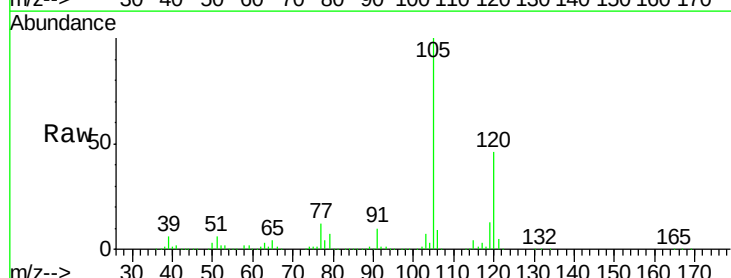
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

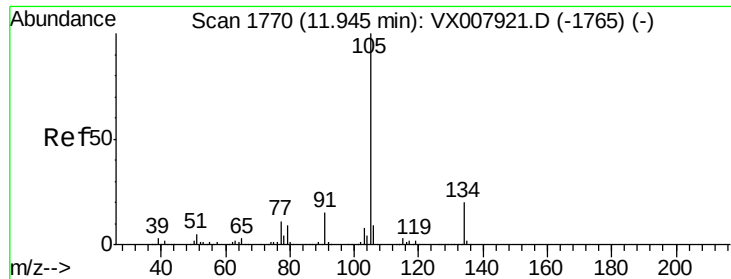
Tot Ion	Ratio	Lower	Upper
119	100		
91	22.2	0.0	45.0
134	26.5	0.0	55.4



#80
1,2,4-Trimethylbenzene
Concen: 18.059 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	0.0	94.0





#81

sec-Butylbenzene

Concen: 17.889 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampled :

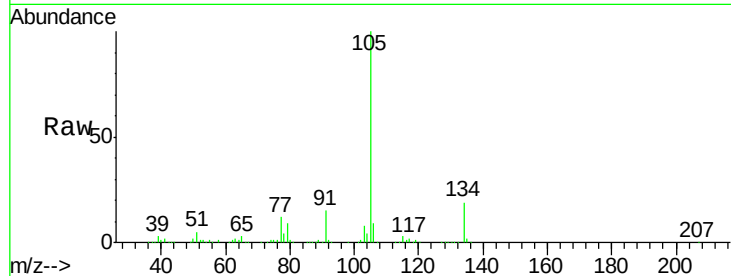
VX0308WBS01

Tot Ion:105 Resp: 245864

Ion Ratio Lower Upper

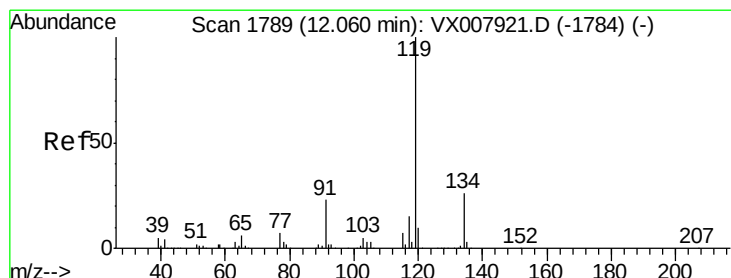
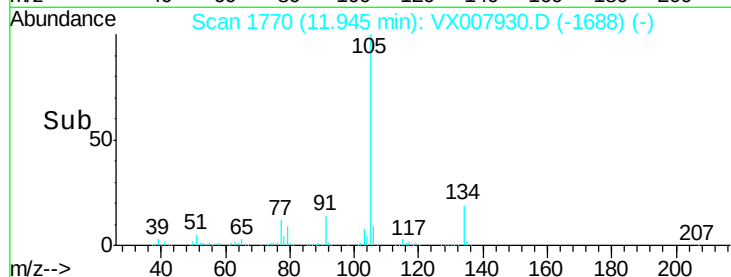
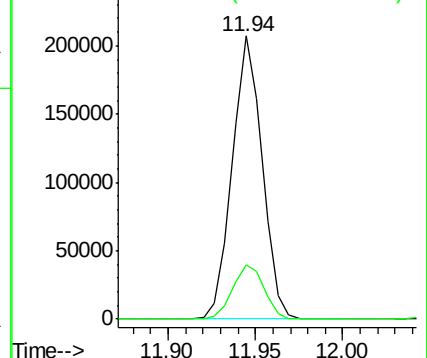
105 100

134 20.2 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 17.791 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

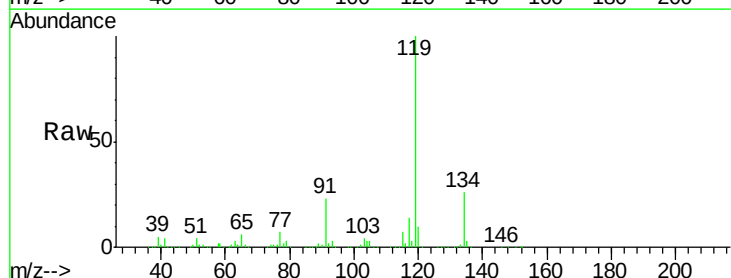
Tgt Ion:119 Resp: 218296

Ion Ratio Lower Upper

119 100

134 26.5 0.0 55.4

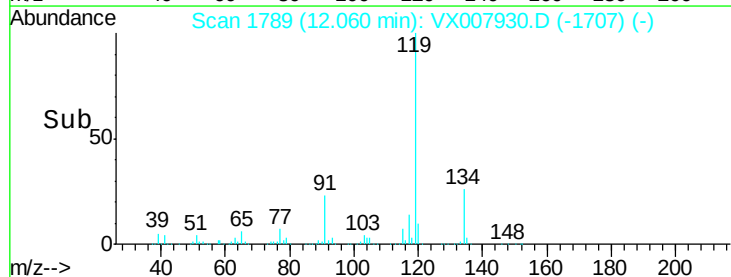
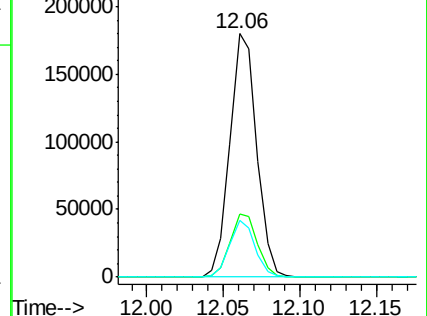
91 22.2 0.0 45.0

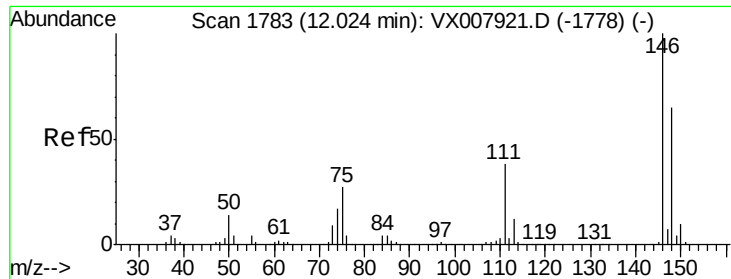


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 17.775 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS01

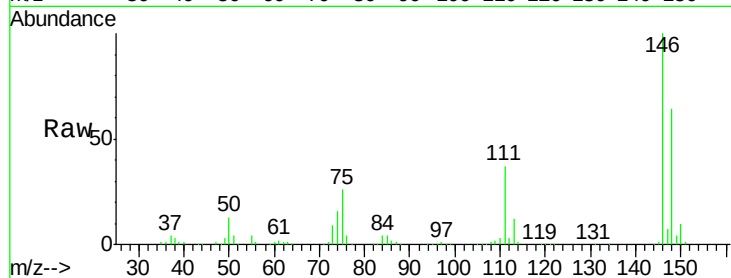
Tot Ion:146 Resp: 116078

Ion Ratio Lower Upper

146 100

111 37.9 18.8 56.3

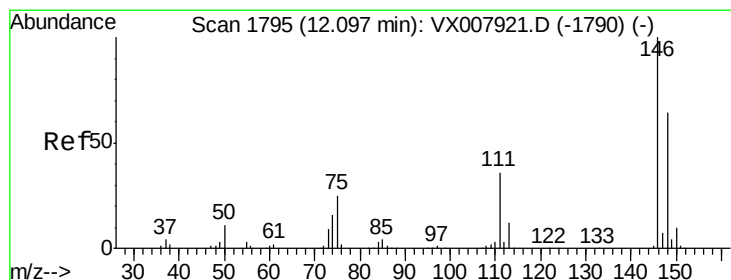
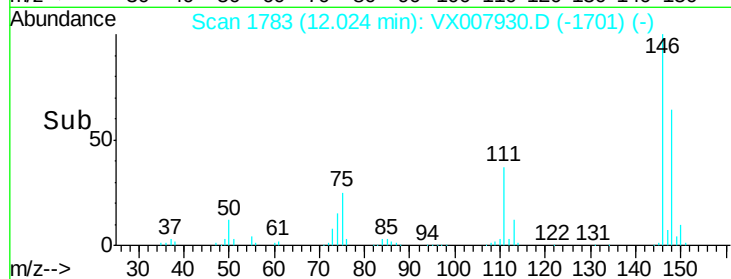
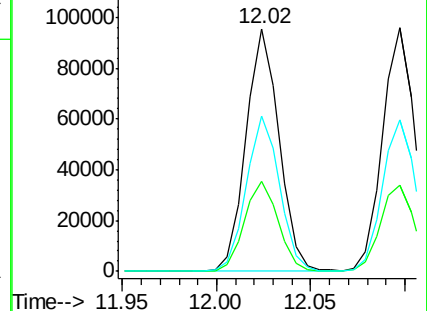
148 64.3 30.6 91.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 17.795 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

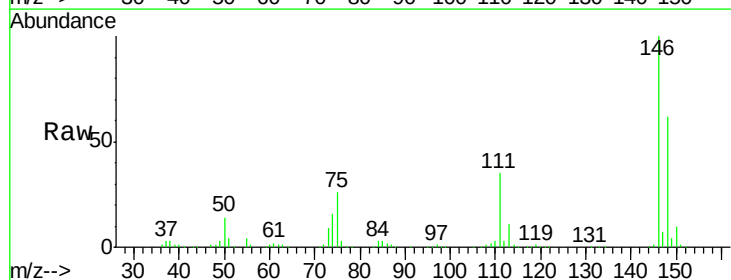
Tgt Ion:146 Resp: 116267

Ion Ratio Lower Upper

146 100

111 36.5 17.6 52.8

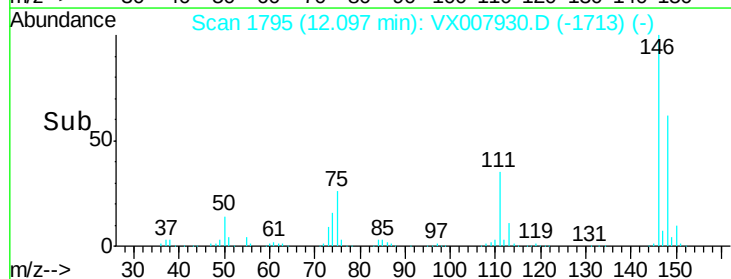
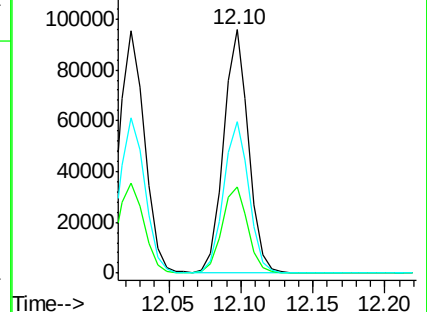
148 63.7 31.4 94.2

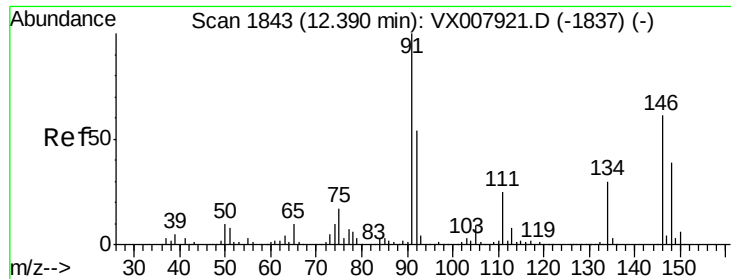


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 17.125 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

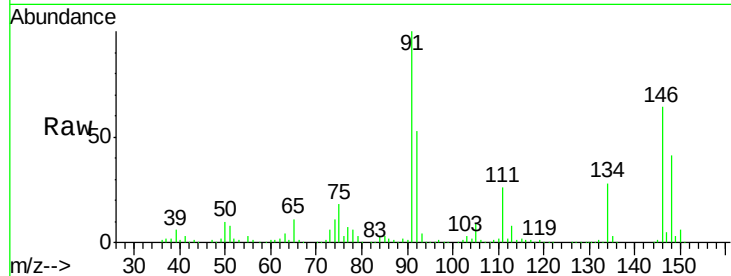
Tot Ion: 91 Resp: 179701

Ion Ratio Lower Upper

91 100

92 52.8 0.0 105.2

134 27.2 0.0 56.4

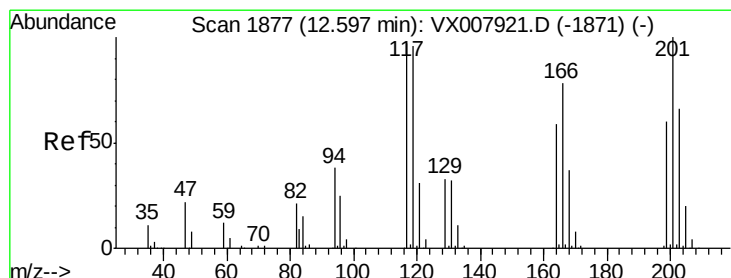
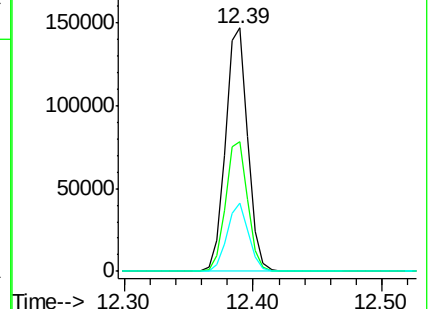
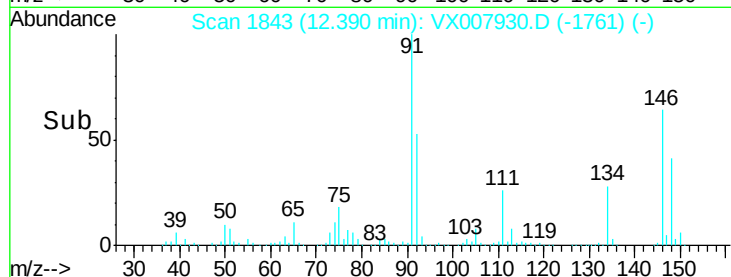


Abundance Ion 91.00 (90.70 to 91.70): VX007921.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX007921.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX007921.D (-1837) (-)

Time--> 12.30 12.40 12.50



#86

Hexachloroethane

Concen: 17.273 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007930.D

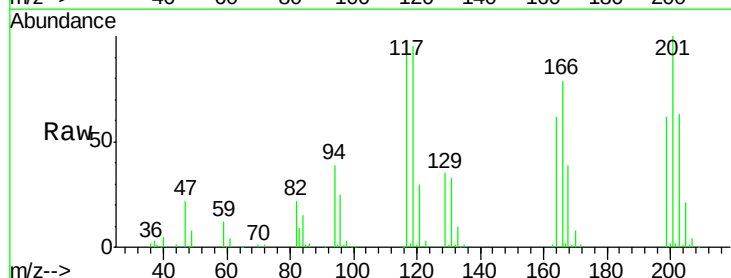
Acq: 08 Mar 2019 14:43

Tgt Ion: 117 Resp: 34533

Ion Ratio Lower Upper

117 100

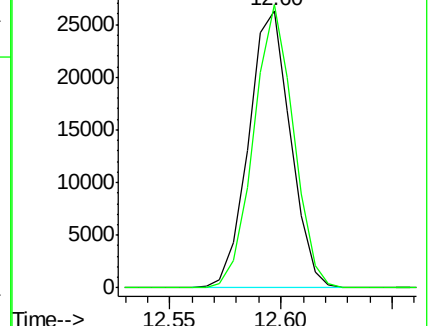
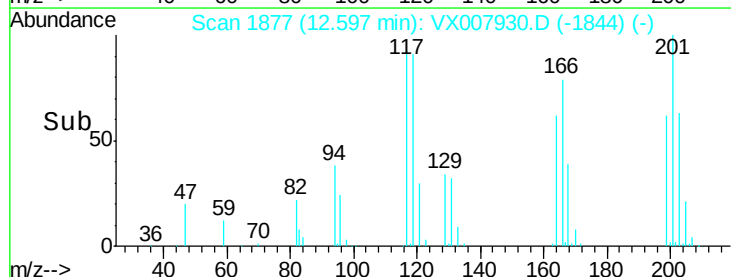
201 96.7 41.1 123.3

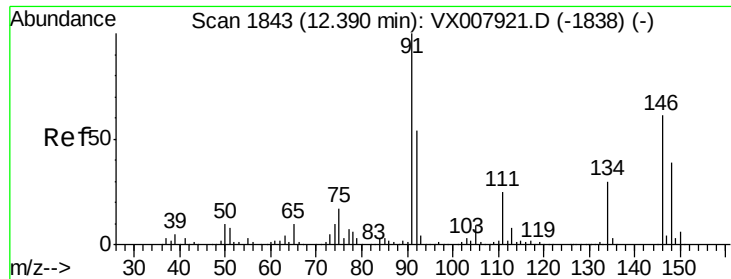


Abundance Ion 117.00 (116.70 to 117.70): VX007921.D (-1871) (-)

Ion 201.00 (200.70 to 201.70): VX007921.D (-1871) (-)

Time--> 12.55 12.60

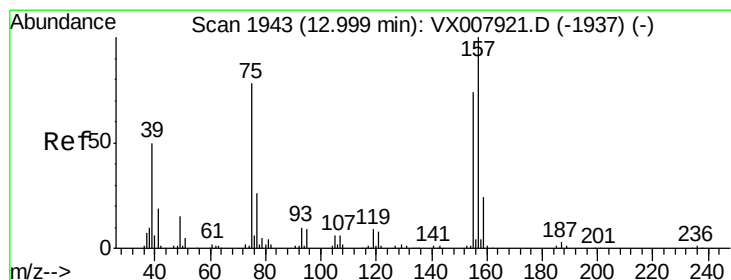
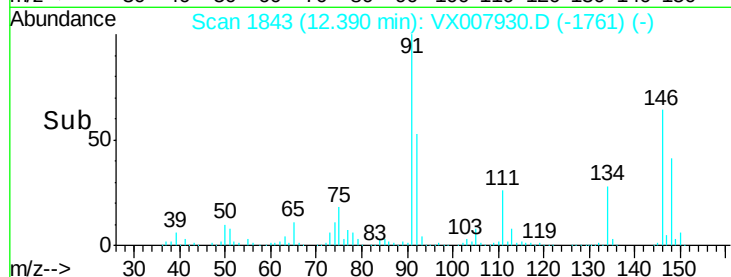
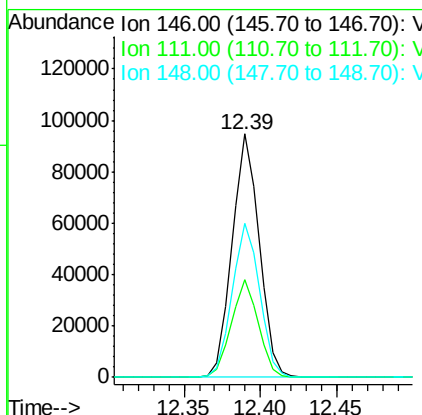
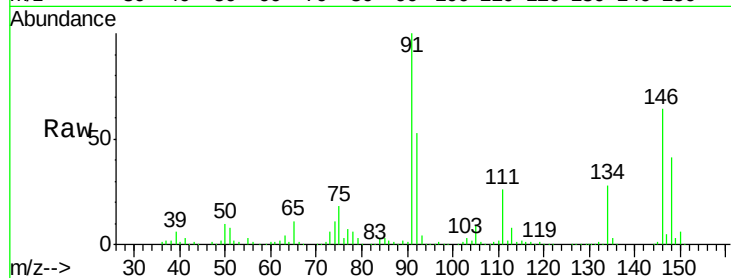




#87
 1,2-Dichlorobenzene
 Concen: 18.036 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

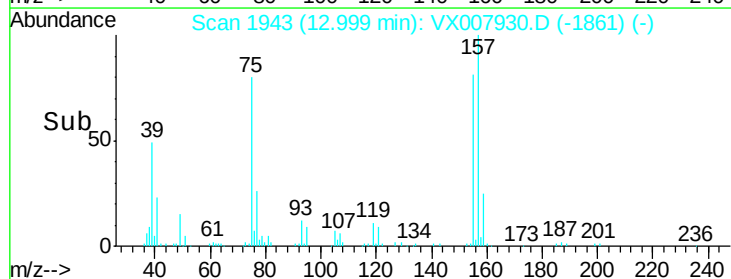
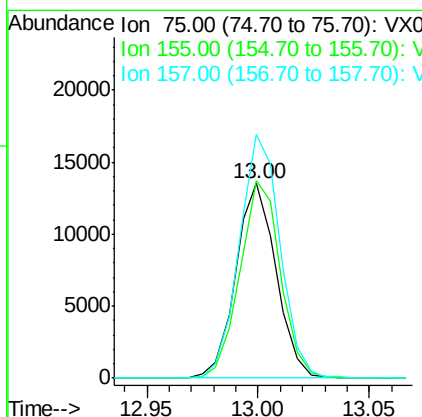
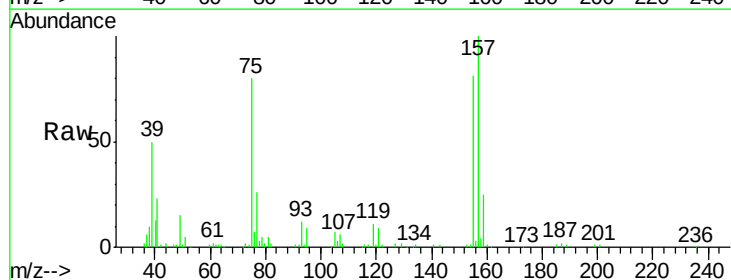
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

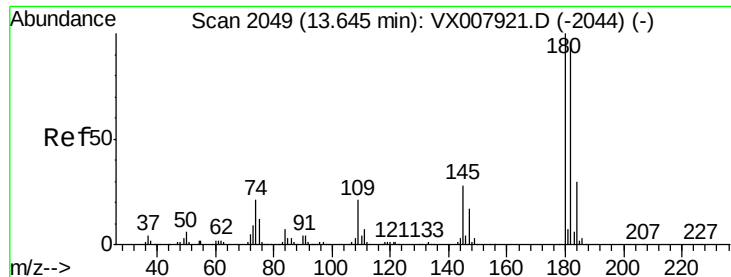
Tot Ion:146 Resp: 116399
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.3 57.8
 148 64.3 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.239 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion: 75 Resp: 16976
 Ion Ratio Lower Upper
 75 100
 155 102.0 81.0 121.6
 157 127.4 103.2 154.8

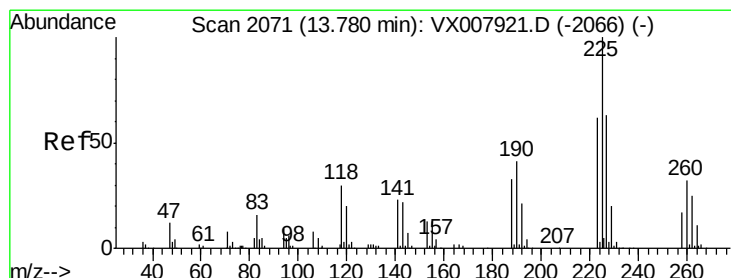
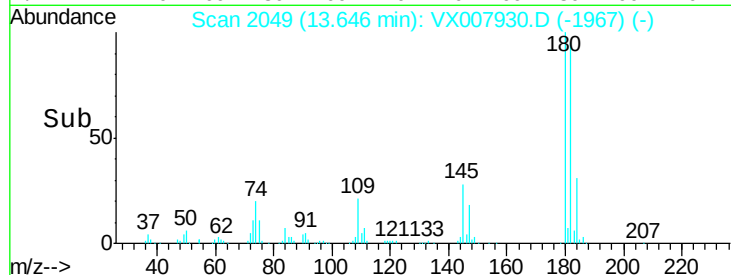
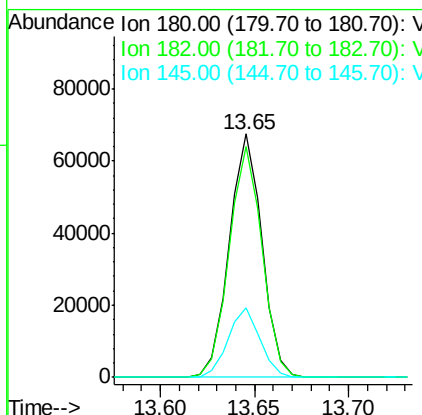
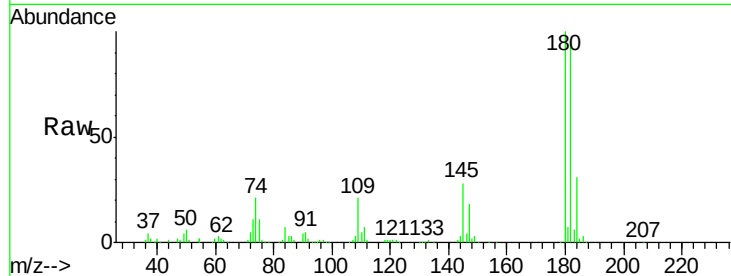




#89
 1,2,4-Trichlorobenzene
 Concen: 17.472 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

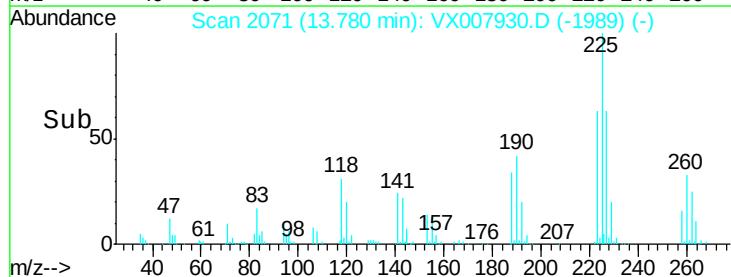
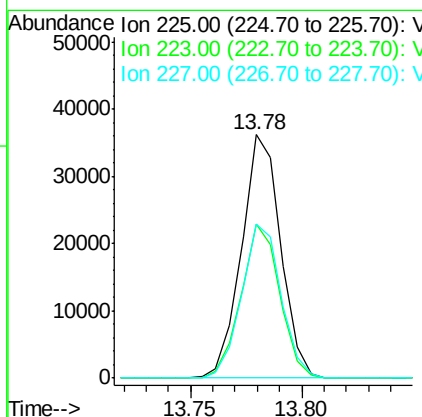
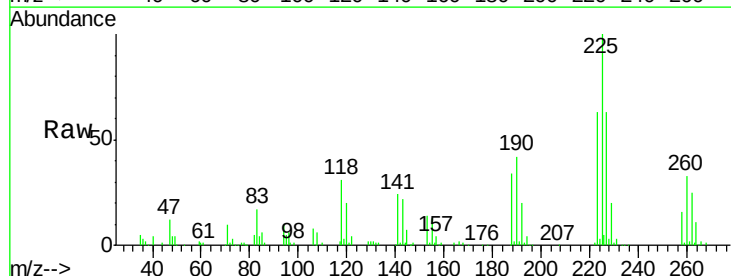
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

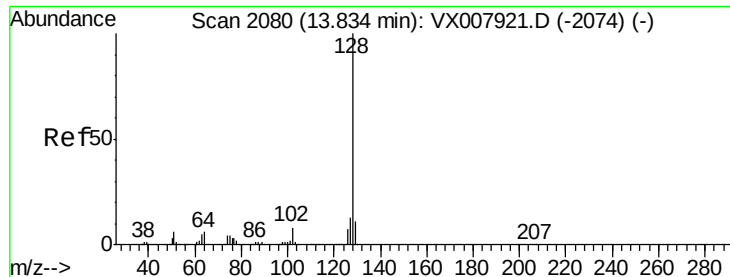
Tot Ion:180 Resp: 81036
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.6 113.4
 145 28.0 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 17.387 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion:225 Resp: 44477
 Ion Ratio Lower Upper
 225 100
 223 62.5 0.0 123.8
 227 63.3 0.0 124.4





#91

Naphthalene

Concen: 17.909 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

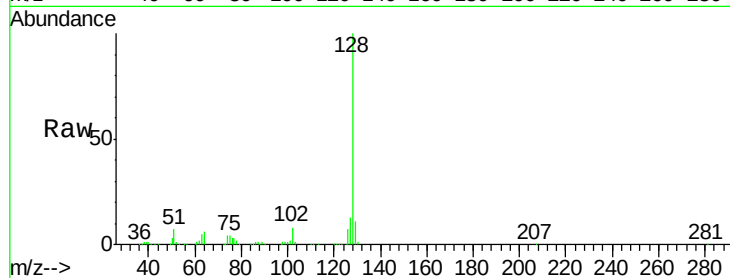
Tot Ion:128 Resp: 238099

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

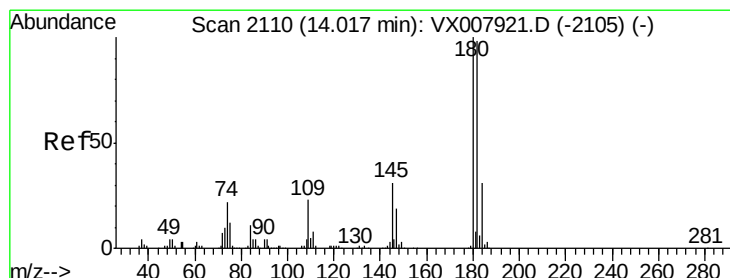
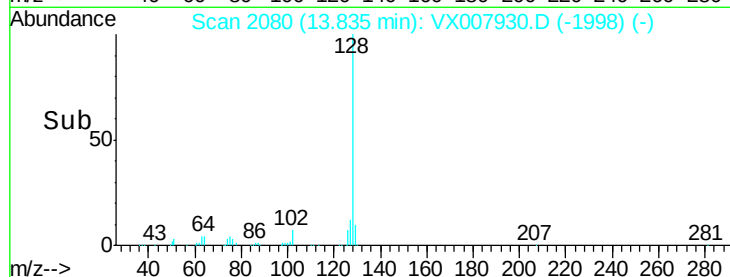
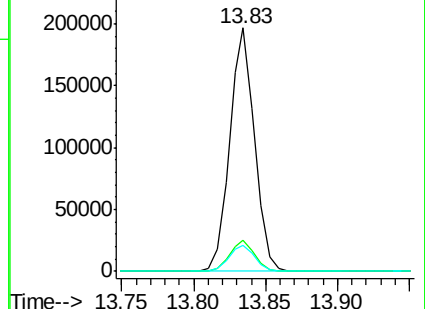
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 17.517 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

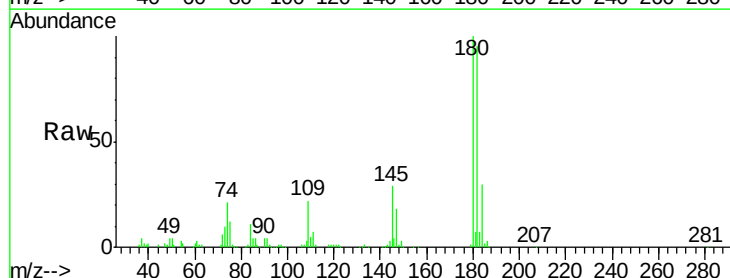
Tgt Ion:180 Resp: 80756

Ion Ratio Lower Upper

180 100

182 95.8 0.0 193.0

145 29.5 0.0 63.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

