

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031119\
 Data File : VX007964.D
 Acq On : 11 Mar 2019 12:10
 Operator : JC/SP
 Sample : VX0311WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Quant Time: Mar 12 08:05:42 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	5.02	128	42232	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	223512	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	196358	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	81119	29.22	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.40%
60) 4-Bromofluorobenzene	11.13	95	93271	29.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.20%
63) Toluene-d8	8.71	98	270310	30.08	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	47374	18.895	ug/l 100
3) Chloromethane	1.33	50	49809	17.866	ug/l 98
4) Vinyl Chloride	1.41	62	50572	18.313	ug/l 99
5) Bromomethane	1.64	94	30622	22.241	ug/l 99
6) Chloroethane	1.73	64	29648	18.383	ug/l 96
7) Trichlorofluoromethane	1.93	101	64578	18.779	ug/l 97
8) Diethyl Ether	2.19	74	35209	19.881	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50756	19.631	ug/l 97
10) 1,1-Dichloroethene	2.38	96	48857	19.937	ug/l 96
11) Methyl Iodide	2.51	142	76011	19.814	ug/l 95
12) Methyl Acetate	2.78	43	73478	18.959	ug/l 95
13) Acrolein	2.30	56	48511	106.689	ug/l 99
14) Acrylonitrile	3.15	53	162092	98.522	ug/l 99
15) Acetone	2.45	58	50967	85.804	ug/l 95
16) Carbon Disulfide	2.57	76	149951	19.503	ug/l 99
17) Allyl chloride	2.73	41	98605	19.626	ug/l 91
18) Methylene Chloride	2.86	84	54282	19.443	ug/l 95
19) trans-1,2-Dichloroethene	3.17	96	52005	20.057	ug/l 98
20) Diisopropyl ether	3.87	45	178672	19.439	ug/l 92
21) 1,1-Dichloroethane	3.70	63	98509	19.706	ug/l 97
22) cis-1,2-Dichloroethene	4.60	96	58562	19.579	ug/l 91
23) tert-Butyl Alcohol	3.07	59	66460	100.130	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	168028	19.942	ug/l 95
25) Chloroform	5.21	83	93459	19.808	ug/l 95
26) Cyclohexane	5.58	56	88958	19.258	ug/l # 91
29) 1,1-Dichloropropene	5.80	75	70580	19.916	ug/l 96
30) 2-Butanone	4.70	43	228551	95.617	ug/l 98
31) 2,2-Dichloropropane	4.59	77	68270	20.856	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	77806	20.303	ug/l 99
33) Carbon Tetrachloride	5.79	117	69190	20.355	ug/l 93
34) Benzene	6.15	78	216346	19.920	ug/l 99
35) Methacrylonitrile	5.06	41	46023	19.759	ug/l 95
36) 1,2-Dichloroethane	6.20	62	70660	19.998	ug/l 99
37) Trichloroethene	7.21	130	60163	20.446	ug/l 99
38) Methylcyclohexane	7.46	83	87494	19.418	ug/l 95
39) 1,2-Dichloropropane	7.52	63	57242	20.210	ug/l 99
40) Dibromomethane	7.66	93	36676	20.414	ug/l 93

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 VX0311WBSD01

Quant Time: Mar 12 08:05:42 2019
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 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)

41) Bromodichloromethane	7.90	83	68133	20.063	ug/l	97
42) Vinyl Acetate	3.82	43	778503	100.616	ug/l	97
43) Ethyl Acetate	4.85	43	81792	19.645	ug/l #	82
44) Isopropyl Acetate	6.46	43	125202	19.709	ug/l	98
45) 1,4-Dioxane	7.75	88	26568	399.736	ug/l	91
46) Methyl methacrylate	7.77	41	65677	19.658	ug/l	91
47) n-amyl Acetate	10.90	43	106270	19.415	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	73078	19.870	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	82166	19.730	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	55325	20.202	ug/l	93
51) Ethyl methacrylate	9.18	69	81931	19.728	ug/l	94
52) 1,3-Dichloropropane	9.37	76	90873	20.083	ug/l	100
53) Dibromochloromethane	9.58	129	56952	20.218	ug/l	99
54) 1,2-Dibromoethane	9.67	107	58280	20.356	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	199031	103.038	ug/l	99
56) Bromoform	10.85	173	45041	20.046	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	417707	103.323	ug/l	99
59) 2-Hexanone	9.49	43	319667	100.171	ug/l	99
61) Tetrachloroethene	9.34	164	59622	20.815	ug/l	96
62) Toluene	8.79	91	227643	19.854	ug/l	99
64) Chlorobenzene	10.14	112	145758	19.946	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	54234	20.728	ug/l	99
66) Ethyl Benzene	10.25	91	241534	19.612	ug/l	99
67) m/p-Xylenes	10.36	106	187887	39.787	ug/l	97
68) o-Xylene	10.69	106	91042	19.854	ug/l	99
69) Styrene	10.71	104	149993	19.852	ug/l	99
70) Isopropylbenzene	11.02	105	244378	19.944	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	81653	20.177	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	94360	24.737	ug/l	90
73) Bromobenzene	11.26	156	66110	20.294	ug/l	97
74) n-propylbenzene	11.36	91	272205	19.694	ug/l	99
75) 2-Chlorotoluene	11.42	91	163911	19.785	ug/l	96
76) 1,3,5-Trimethylbenzene	11.51	105	202742	19.965	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	23238	19.717	ug/l	90
78) 4-Chlorotoluene	11.51	91	185549	19.810	ug/l	96
79) tert-butylbenzene	12.06	119	216360	19.854	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	206143	20.001	ug/l	98
81) sec-Butylbenzene	11.94	105	240292	19.686	ug/l	99
82) p-Isopropyltoluene	12.06	119	216360	19.854	ug/l	97
83) 1,3-Dichlorobenzene	12.02	146	114856	19.803	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	114163	19.674	ug/l	99
85) n-Butylbenzene	12.38	91	174484	18.722	ug/l	99
86) Hexachloroethane	12.60	117	34424	19.387	ug/l	80
87) 1,2-Dichlorobenzene	12.39	146	114302	19.941	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	16288	19.704	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	80516	19.546	ug/l	99
90) Hexachlorobutadiene	13.78	225	44592	19.627	ug/l	99
91) Naphthalene	13.83	128	234856	19.889	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	80473	19.654	ug/l	99

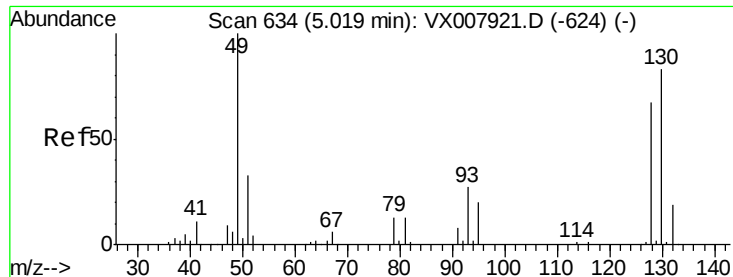
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031119\
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ClientSampleId :
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Quant Time: Mar 12 08:05:42 2019
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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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: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

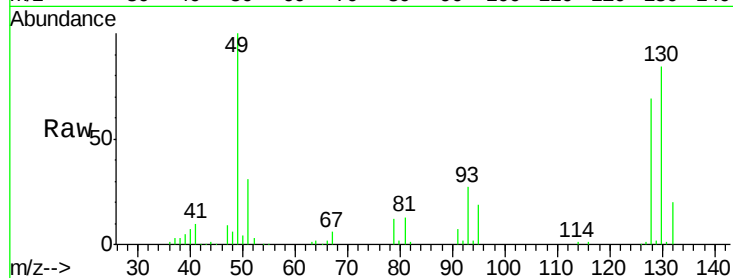
Tot Ion:128 Resp: 42232

Ion Ratio Lower Upper

128 100

49 152.7 0.0 350.8

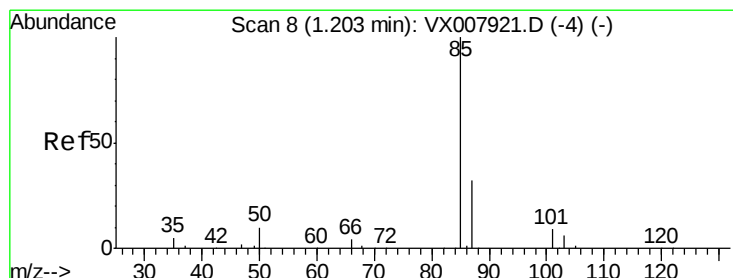
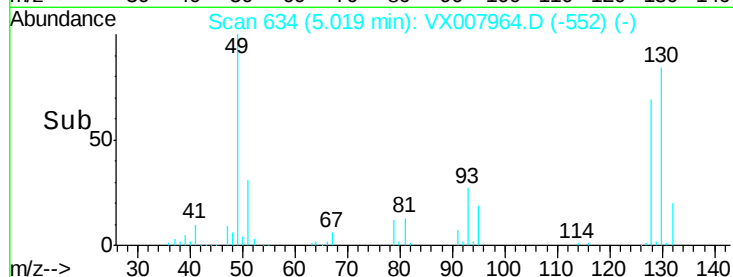
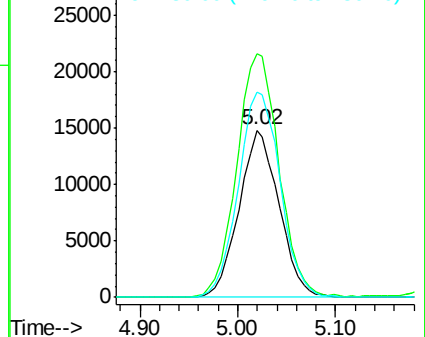
130 128.8 0.0 325.8



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: 18.895 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007964.D

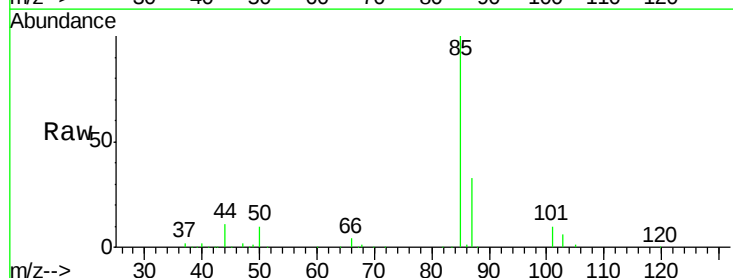
Acq: 11 Mar 2019 12:10

Tgt Ion: 85 Resp: 47374

Ion Ratio Lower Upper

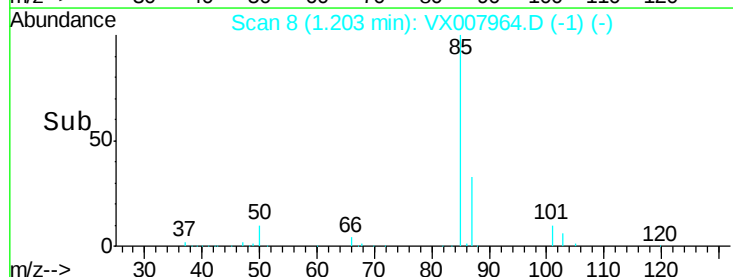
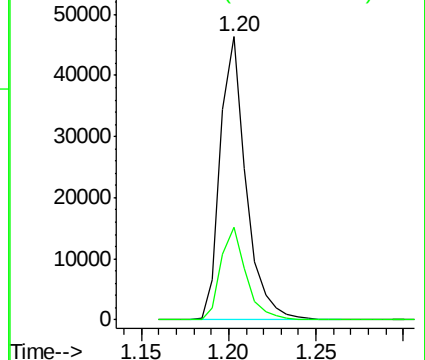
85 100

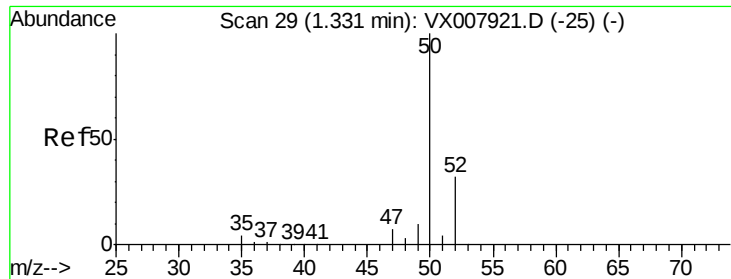
87 33.0 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.866 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

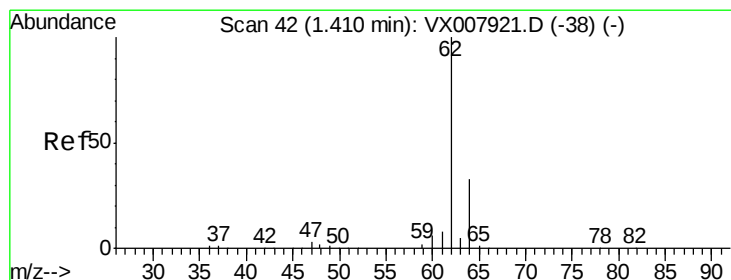
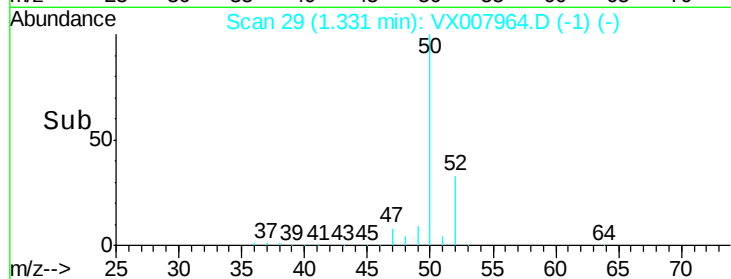
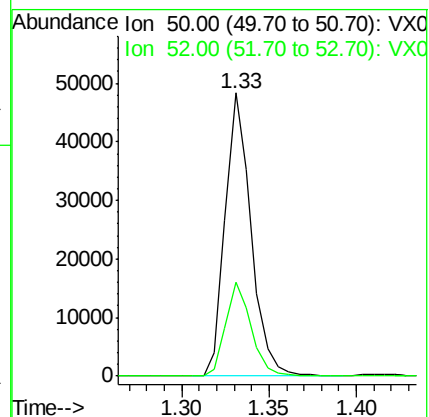
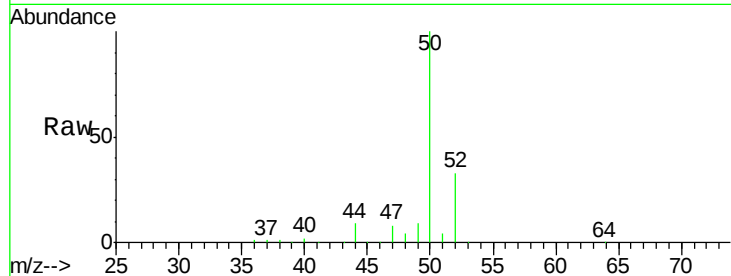
VX0311WBSD01

Tot Ion: 50 Resp: 49809

Ion Ratio Lower Upper

50 100

52 33.1 27.5 41.3



#4

Vinyl Chloride

Concen: 18.313 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007964.D

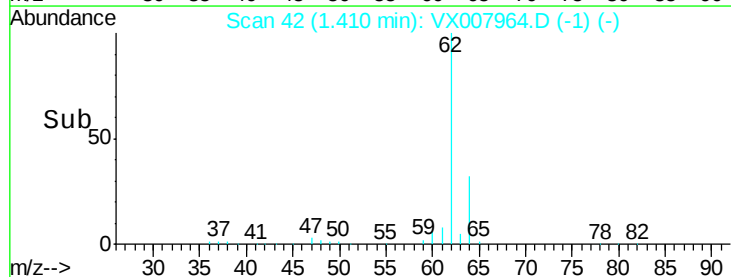
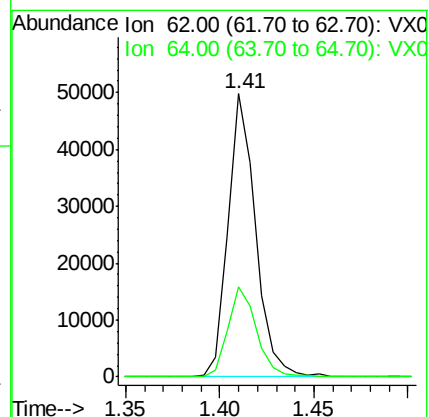
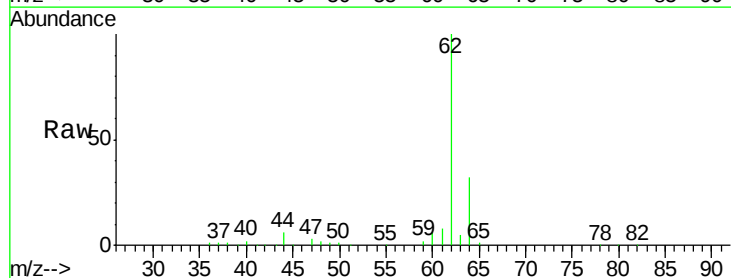
Acq: 11 Mar 2019 12:10

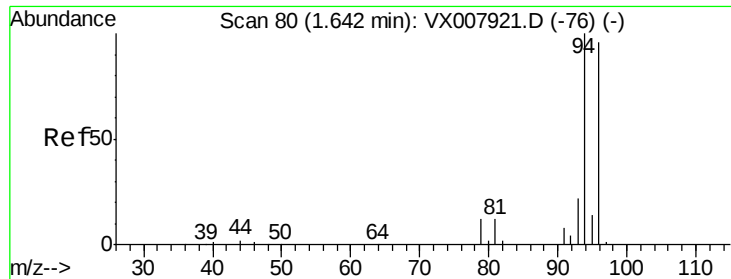
Tgt Ion: 62 Resp: 50572

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 22.241 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

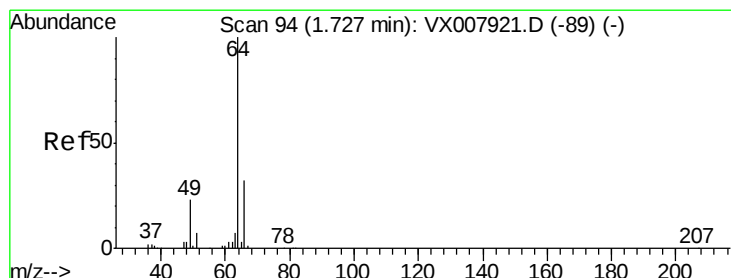
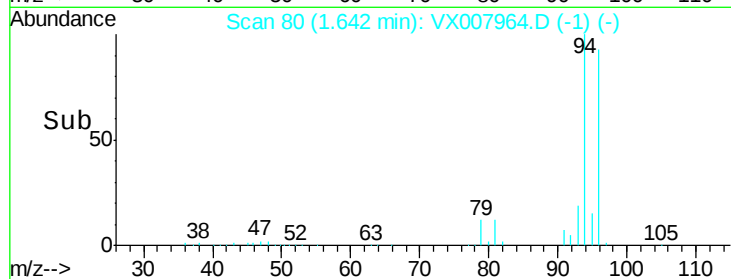
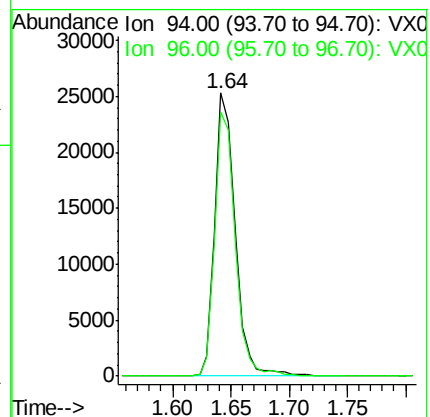
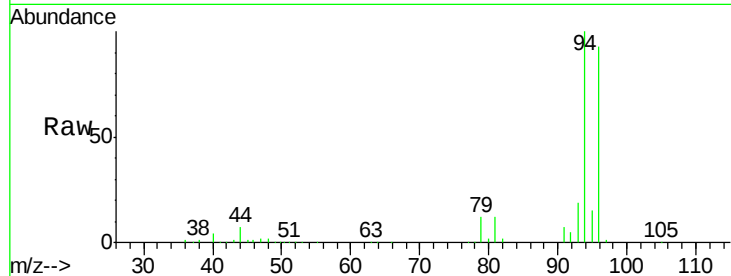
VX0311WBSD01

Tot Ion: 94 Resp: 30622

Ion Ratio Lower Upper

94 100

96 93.2 75.6 113.4



#6

Chloroethane

Concen: 18.383 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007964.D

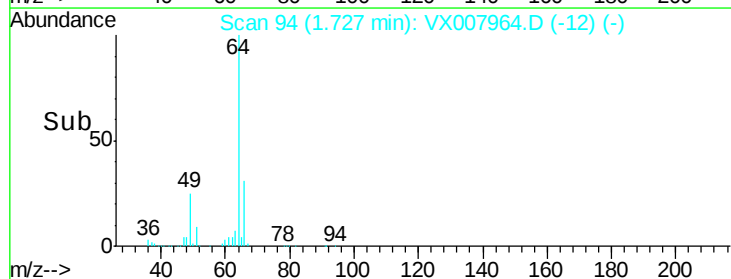
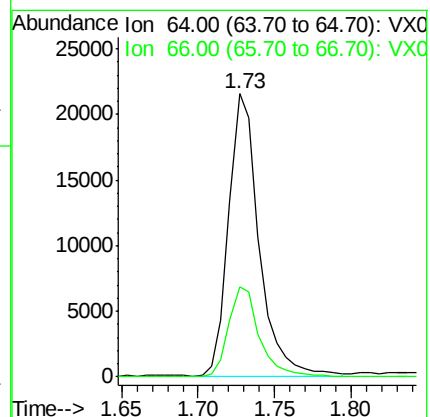
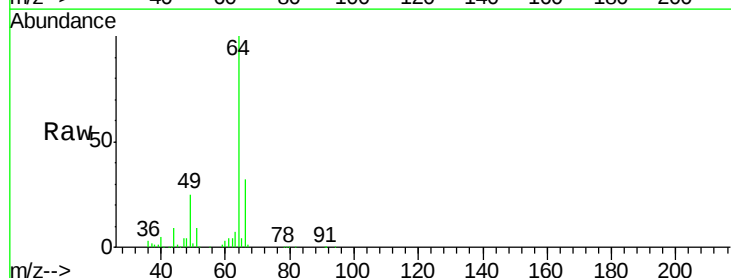
Acq: 11 Mar 2019 12:10

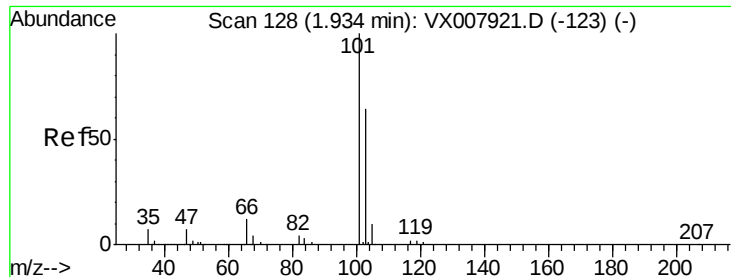
Tgt Ion: 64 Resp: 29648

Ion Ratio Lower Upper

64 100

66 31.9 23.9 35.9



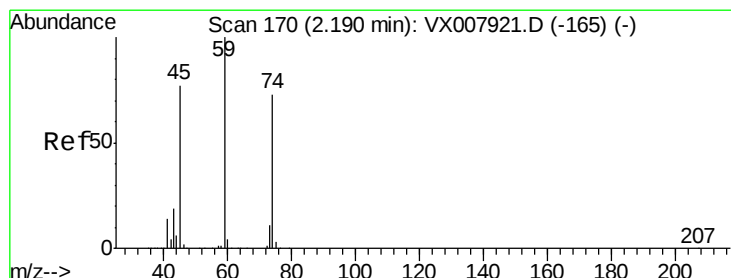
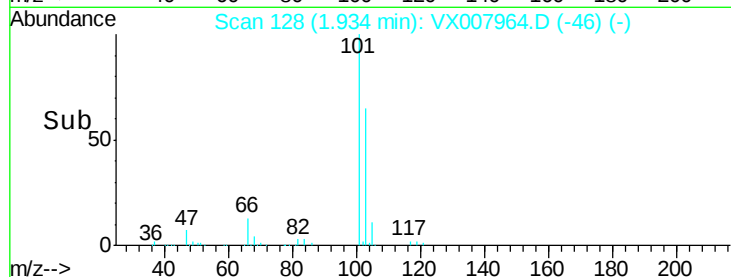
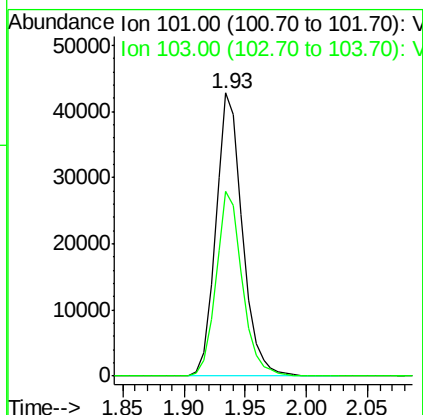
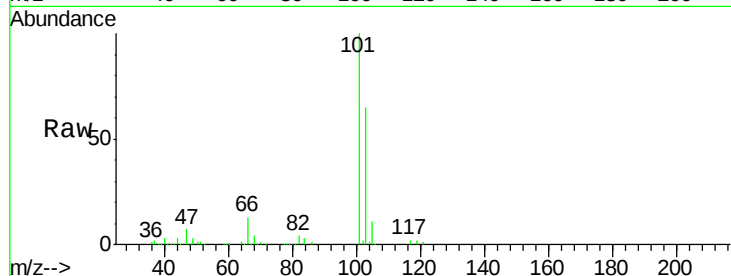


#7

Trichlorofluoromethane
 Concen: 18.779 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

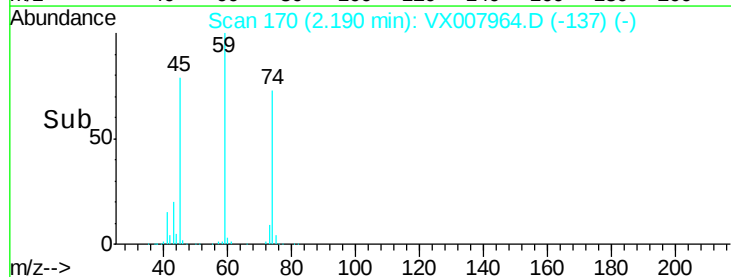
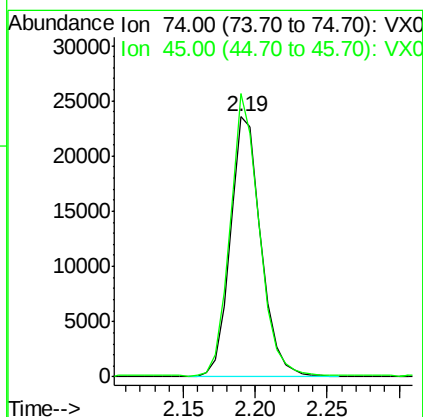
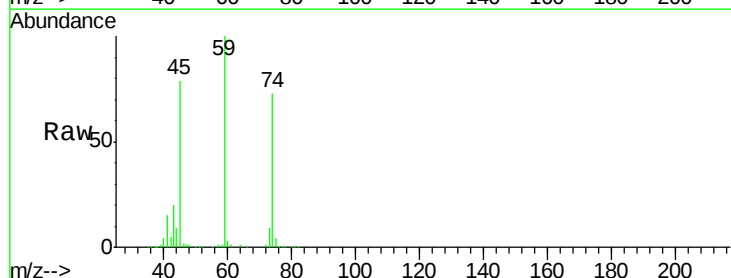
Tot Ion:101 Resp: 64578
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.4 75.6

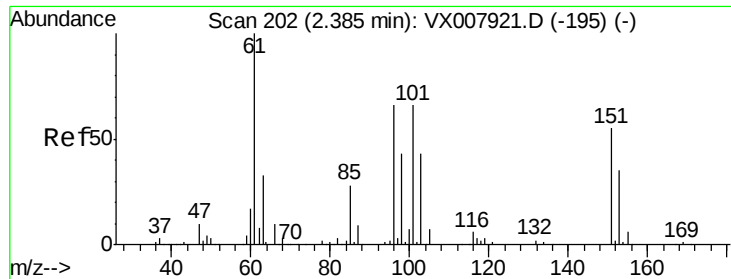


#8

Diethyl Ether
 Concen: 19.881 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion: 74 Resp: 35209
 Ion Ratio Lower Upper
 74 100
 45 103.0 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.631 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

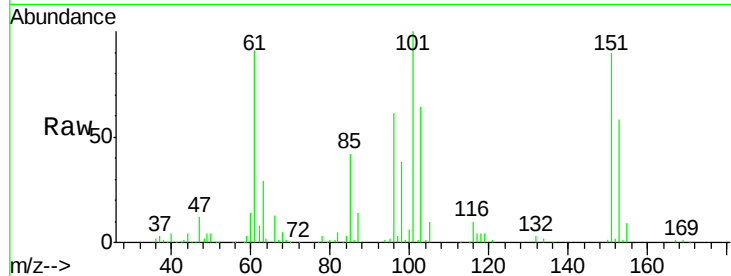
Tot Ion:101 Resp: 50756

Ion Ratio Lower Upper

101 100

85 42.8 0.0 86.8

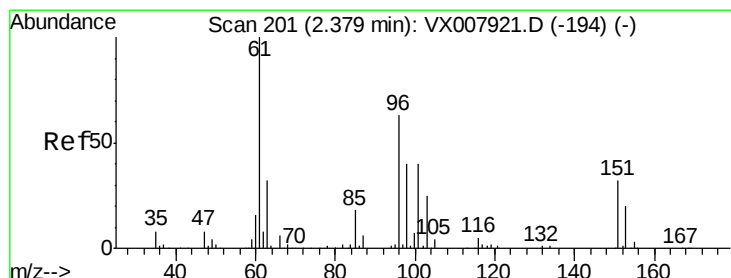
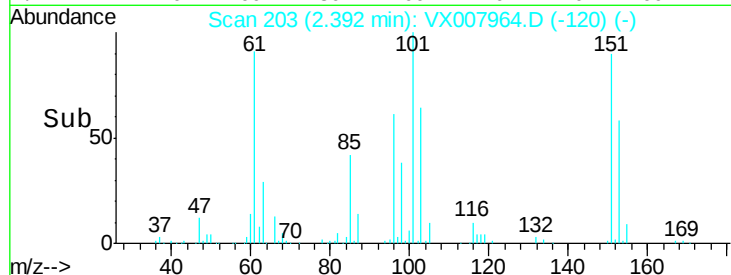
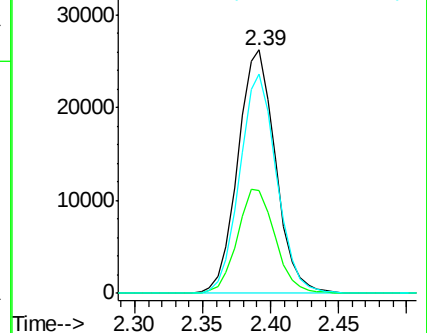
151 88.2 0.0 169.2



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: 19.937 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

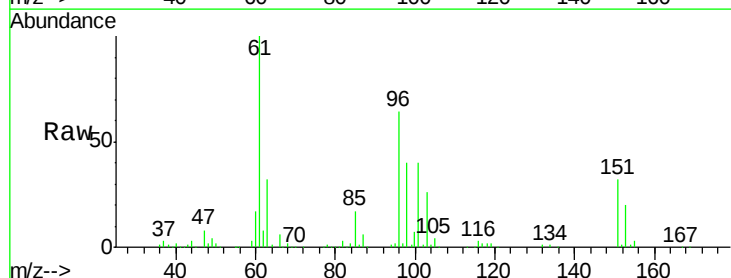
Tgt Ion: 96 Resp: 48857

Ion Ratio Lower Upper

96 100

61 156.2 120.2 180.2

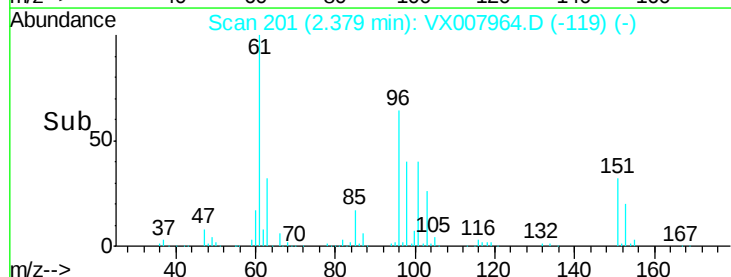
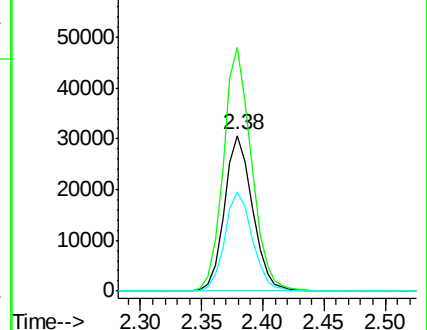
98 63.2 49.0 73.4

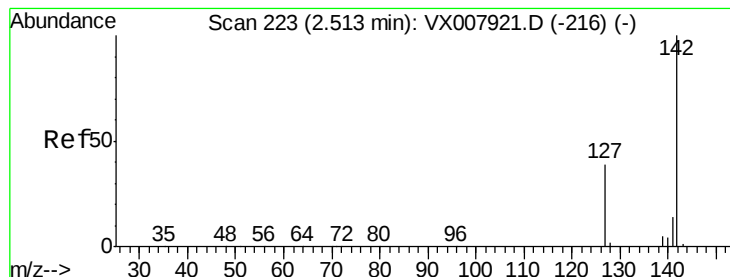


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

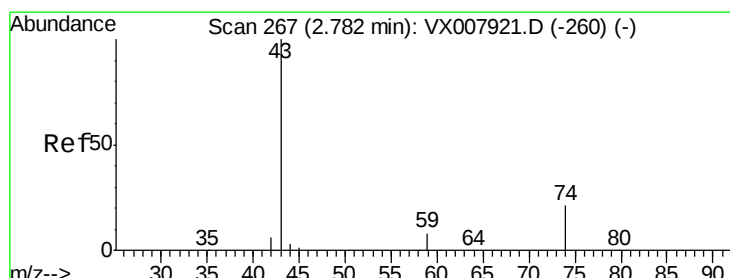
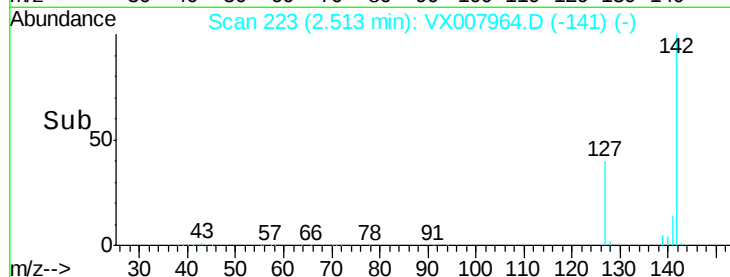
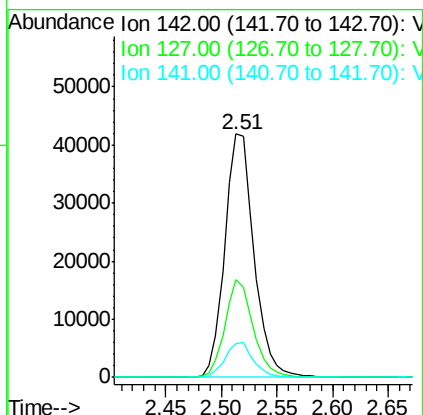
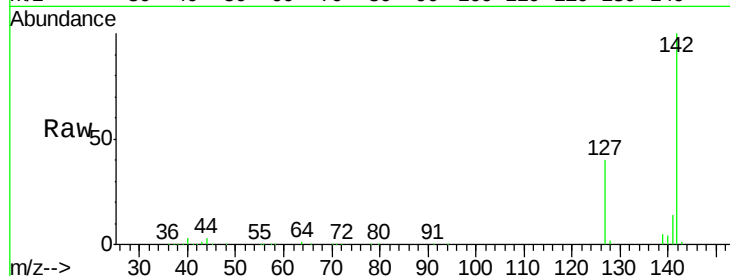




#11
Methvl Iodide
Concen: 19.814 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

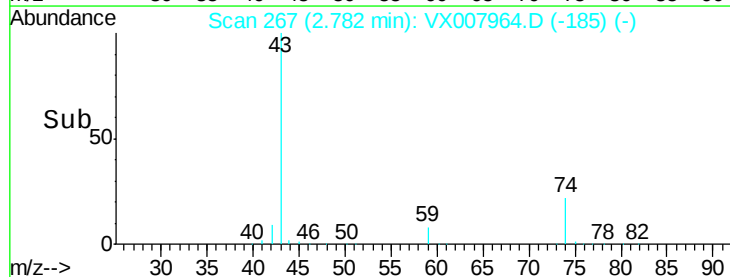
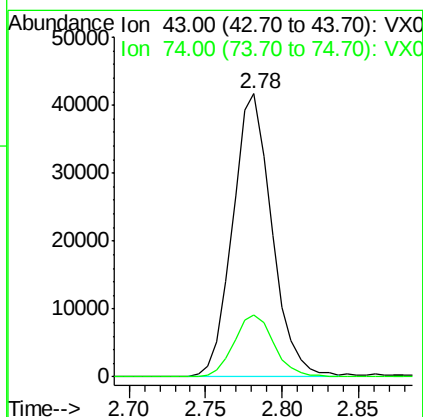
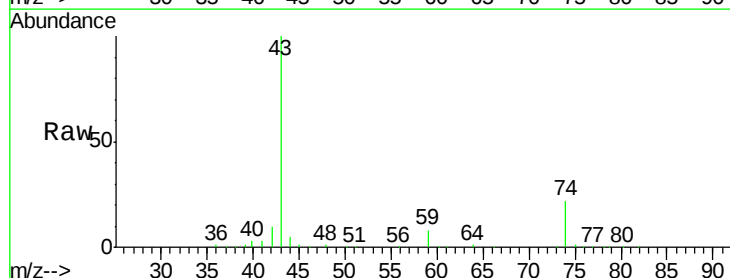
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

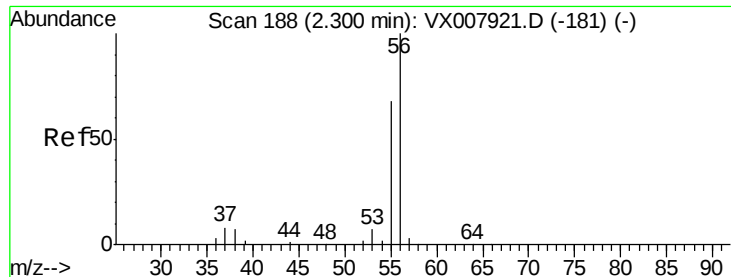
Tot Ion:142 Resp: 76011
Ion Ratio Lower Upper
142 100
127 40.1 22.1 66.5
141 14.1 7.4 22.3



#12
Methyl Acetate
Concen: 18.959 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion: 43 Resp: 73478
Ion Ratio Lower Upper
43 100
74 21.6 19.4 29.0





#13

Acrolein

Concen: 106.689 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

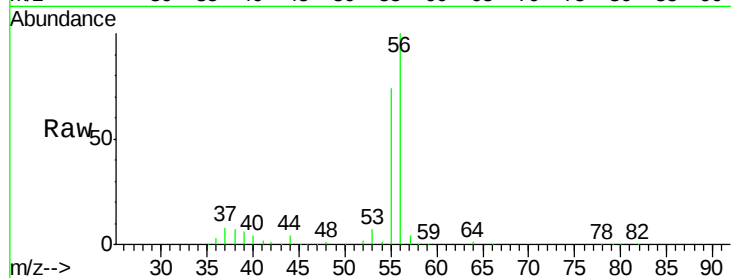
VX0311WBSD01

Tot Ion: 56 Resp: 48511

Ion Ratio Lower Upper

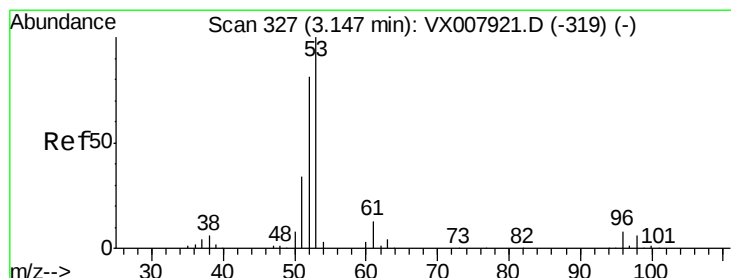
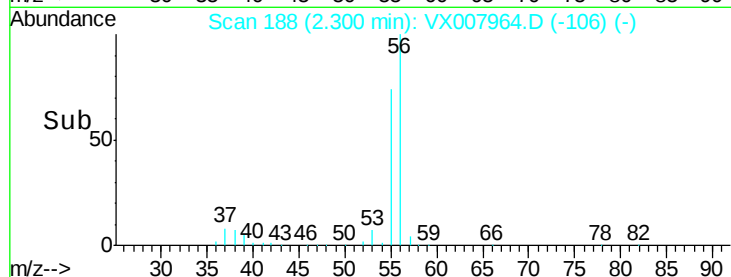
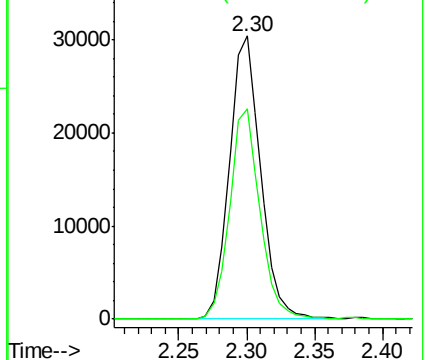
56 100

55 72.3 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 98.522 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

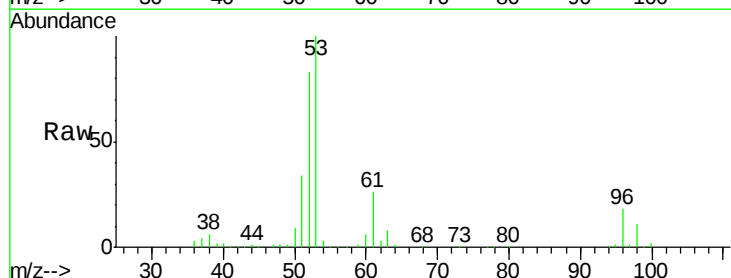
Tgt Ion: 53 Resp: 162092

Ion Ratio Lower Upper

53 100

52 83.3 41.3 124.1

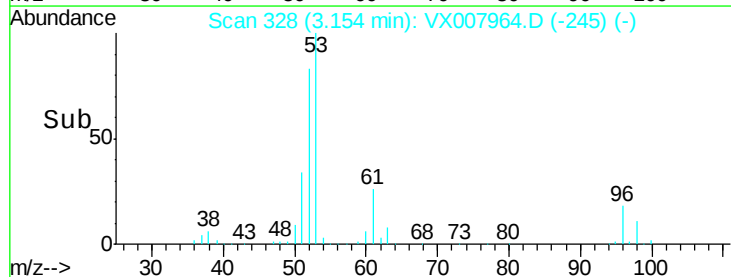
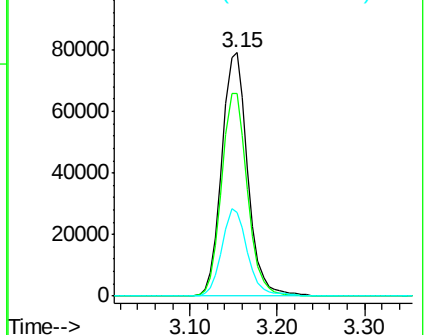
51 35.7 17.5 52.6

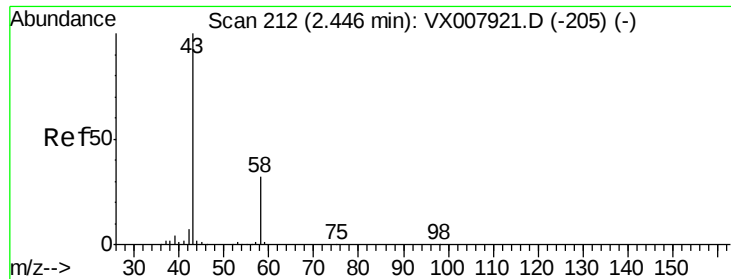


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 85.804 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

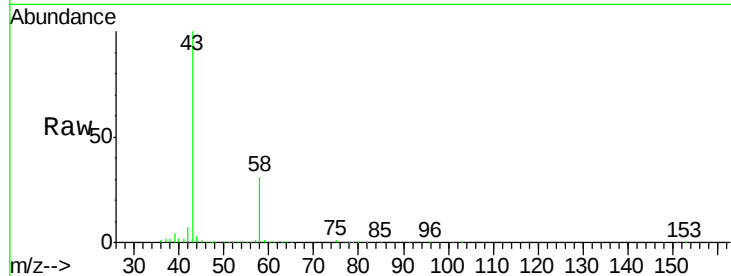
Instrument :
MSVOA_X
ClientSampled :
VX0311WBSD01

Tot Ion: 58 Resp: 50967

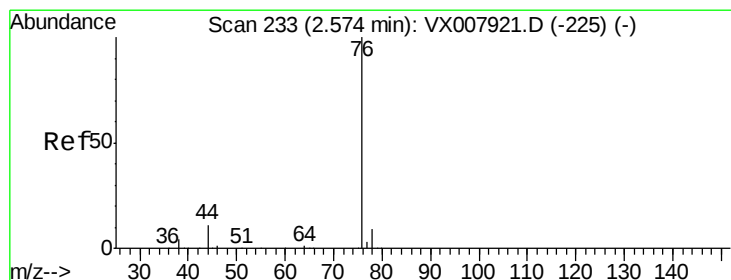
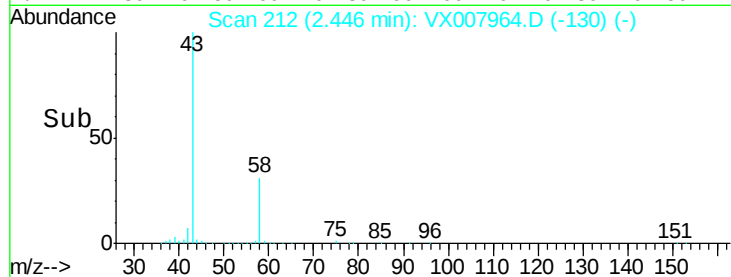
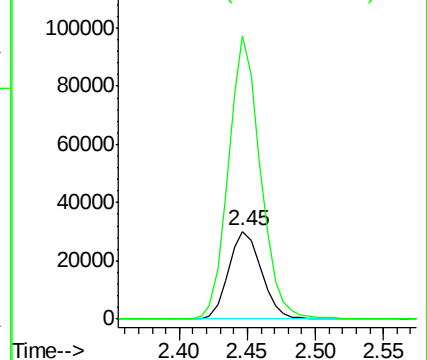
Ion Ratio Lower Upper

58 100

43 322.9 249.8 374.6



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



#16

Carbon Disulfide

Concen: 19.503 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007964.D

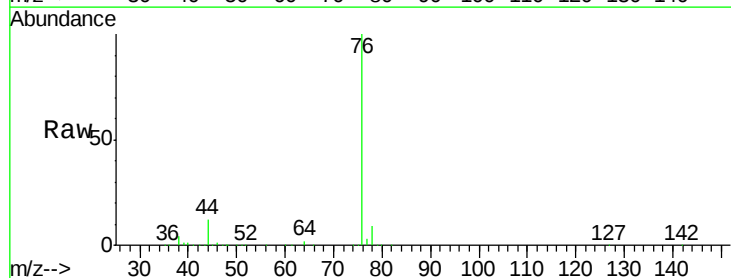
Acq: 11 Mar 2019 12:10

Tgt Ion: 76 Resp: 149951

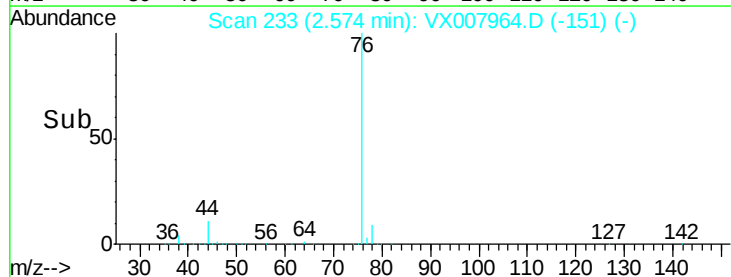
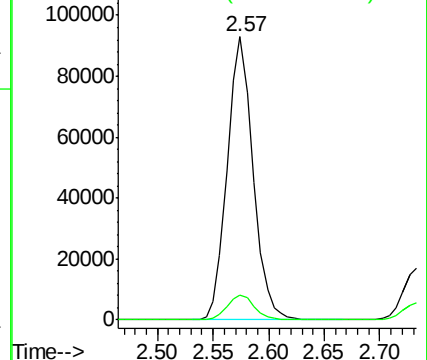
Ion Ratio Lower Upper

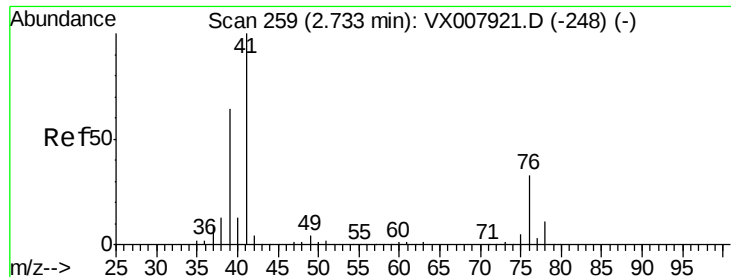
76 100

78 8.9 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 19.626 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

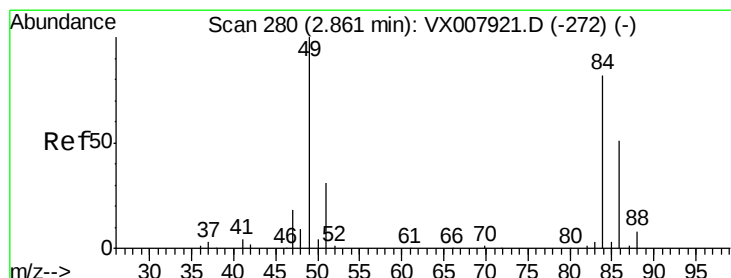
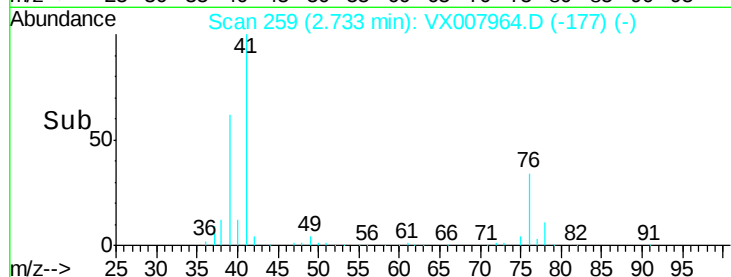
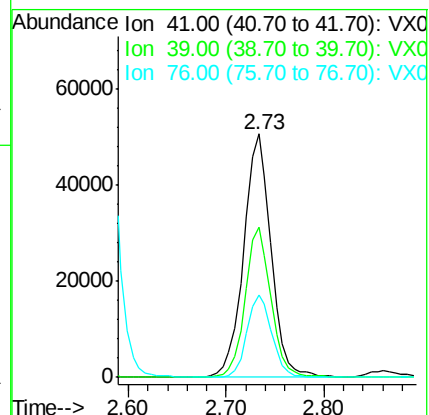
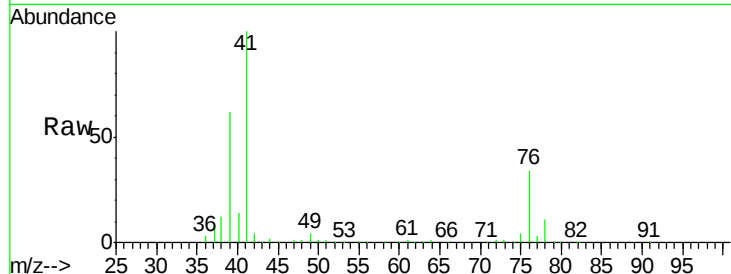
Tot Ion: 41 Resp: 98605

Ion Ratio Lower Upper

41 100

39 61.9 35.8 107.4

76 33.7 18.3 54.9



#18

Methylene Chloride

Concen: 19.443 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Tgt Ion: 84 Resp: 54282

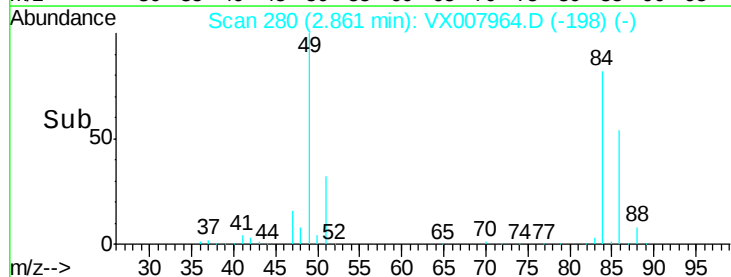
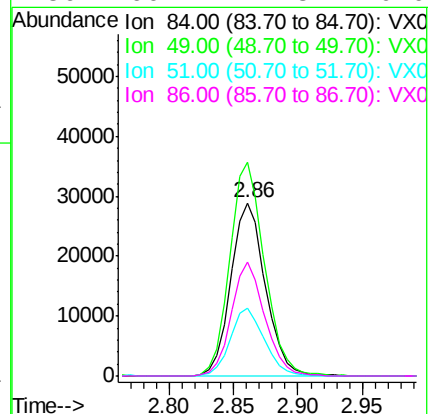
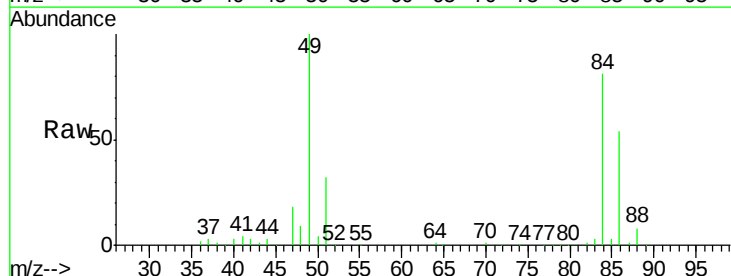
Ion Ratio Lower Upper

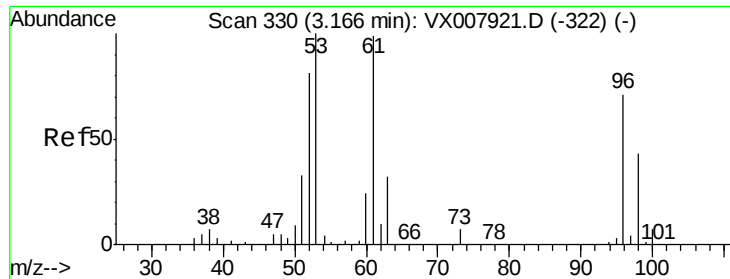
84 100

49 123.0 96.1 144.1

51 38.9 29.1 43.7

86 66.1 47.3 70.9

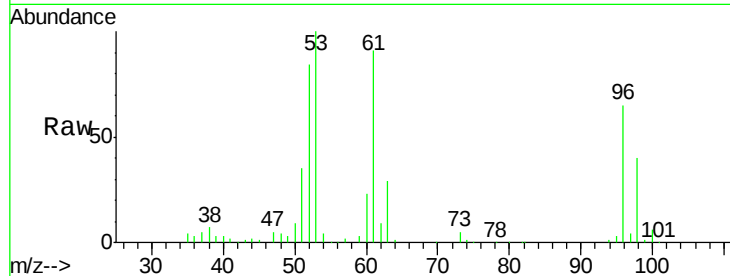




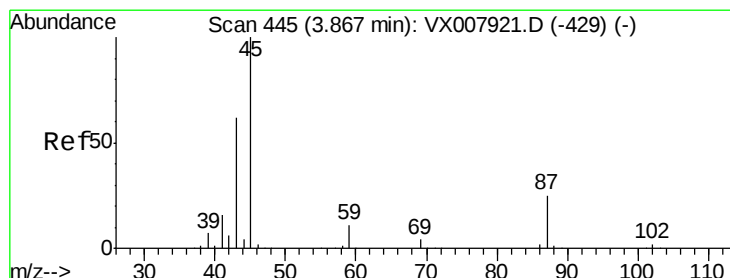
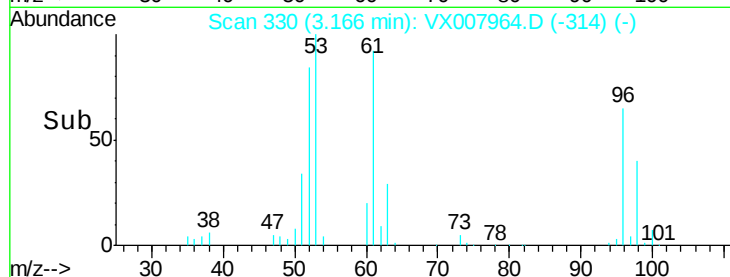
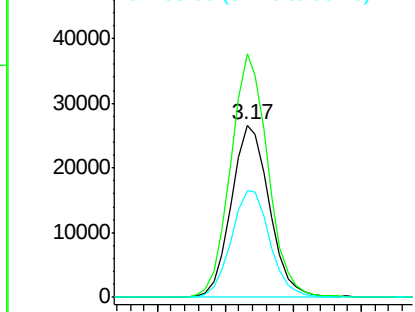
#19
trans-1,2-Dichloroethene
Concen: 20.057 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tot Ion: 96 Resp: 52005
Ion Ratio Lower Upper
96 100
61 141.0 109.9 164.9
98 61.9 50.4 75.6

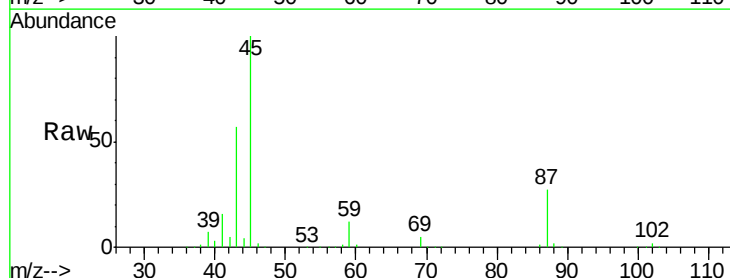


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

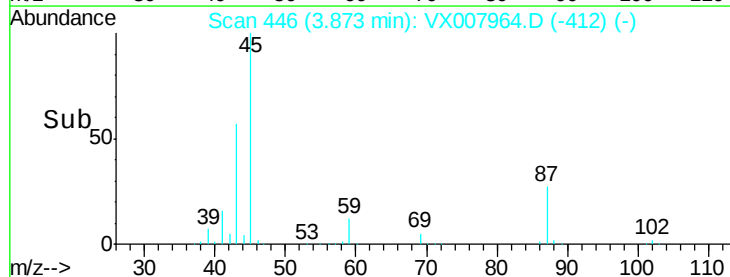
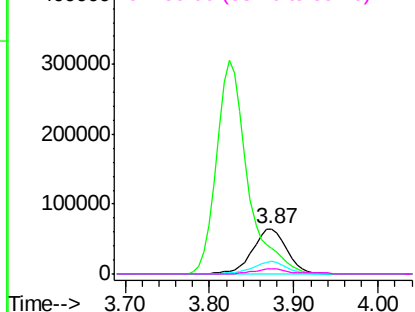


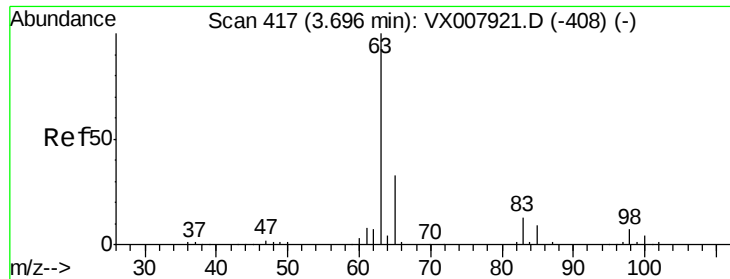
#20
Diisopropyl ether
Concen: 19.439 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion: 45 Resp: 178672
Ion Ratio Lower Upper
45 100
43 55.7 50.6 76.0
87 27.2 24.5 36.7
59 11.7 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: 19.706 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

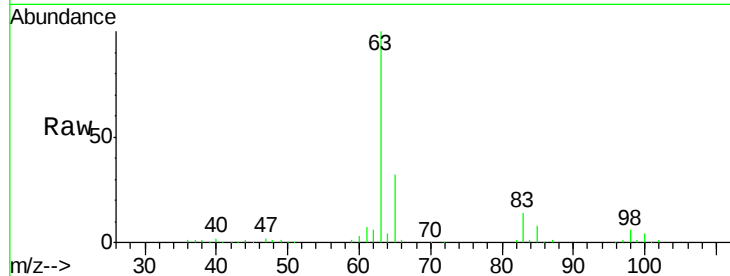
Tot Ion: 63 Resp: 98509

Ion Ratio Lower Upper

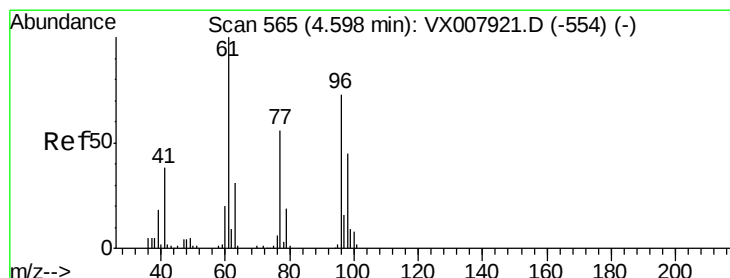
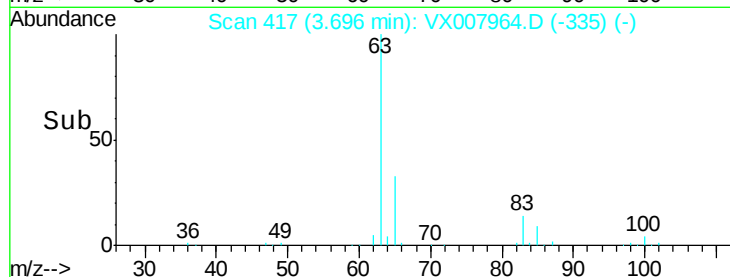
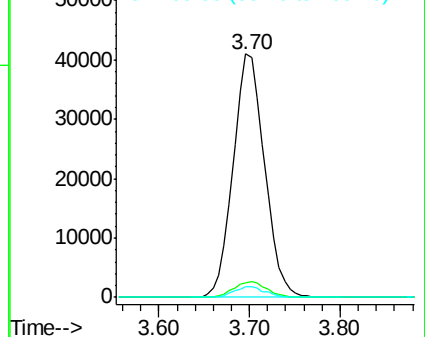
63 100

98 6.1 3.8 11.4

100 4.5 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: 19.579 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

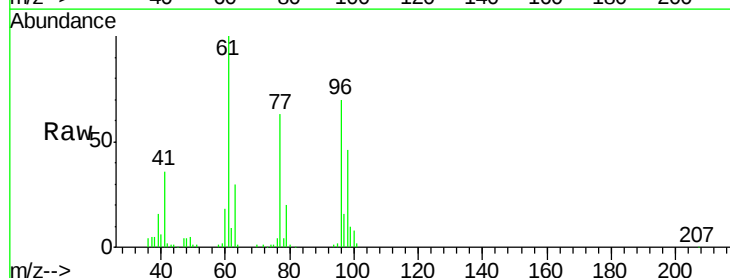
Tgt Ion: 96 Resp: 58562

Ion Ratio Lower Upper

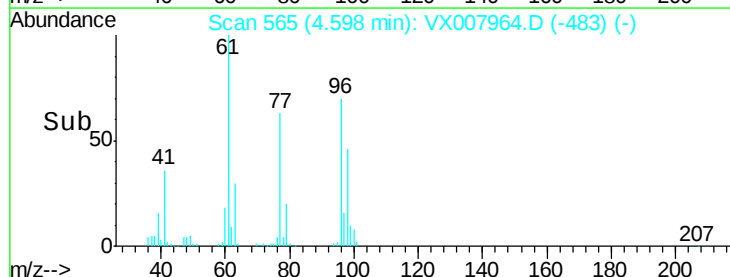
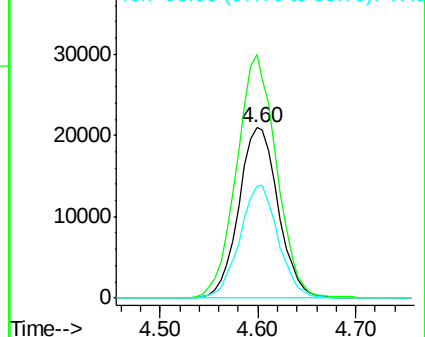
96 100

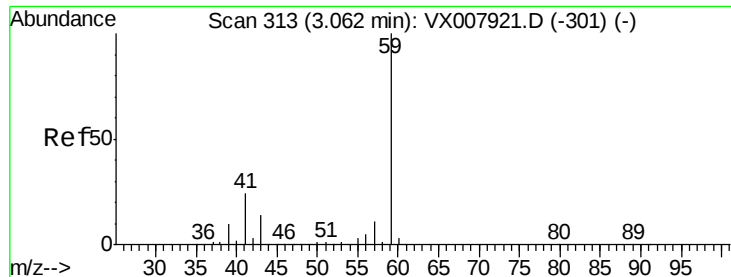
61 144.5 103.5 155.3

98 64.7 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



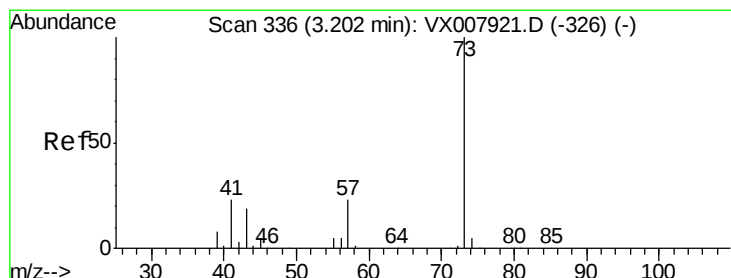
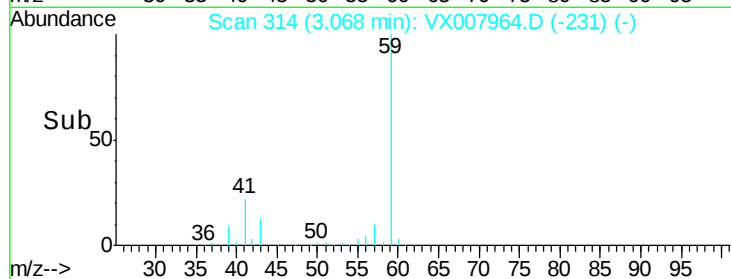
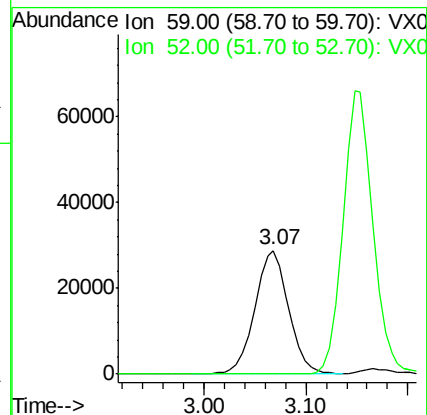
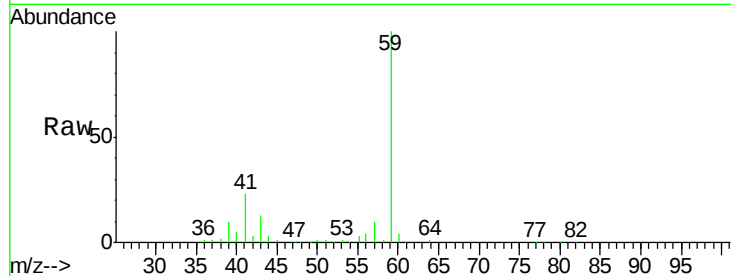


#23

tert-Butyl Alcohol
 Concen: 100.130 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. 0.01 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

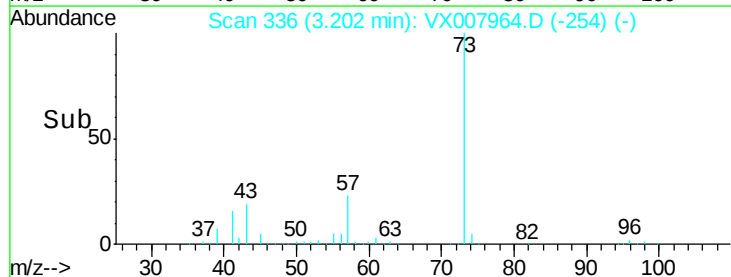
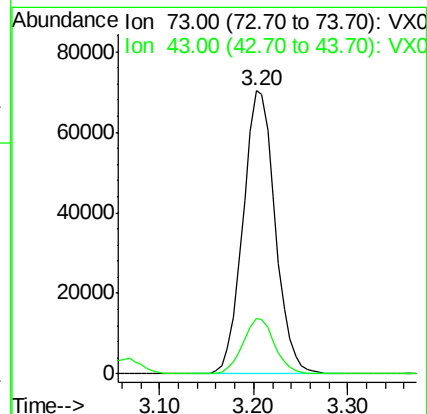
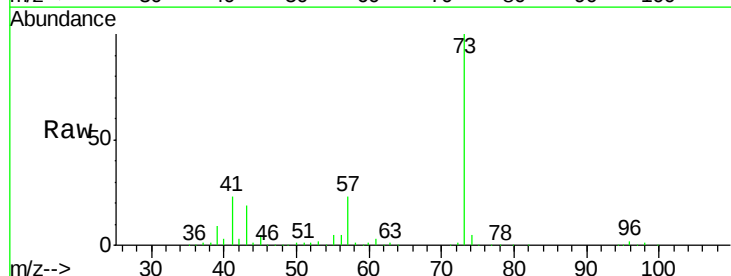
Tot Ion: 59 Resp: 66460
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

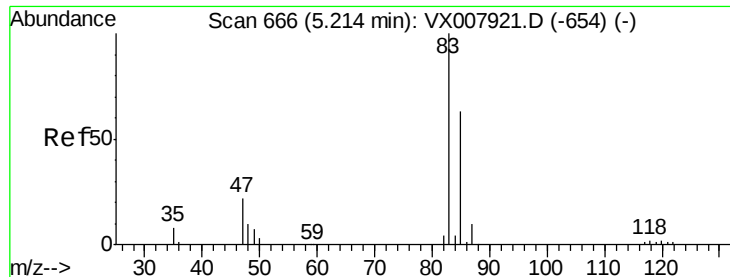


#24

Methyl tert-Butyl Ether
 Concen: 19.942 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion: 73 Resp: 168028
 Ion Ratio Lower Upper
 73 100
 43 19.2 17.1 25.7





#25

Chloroform

Concen: 19.808 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

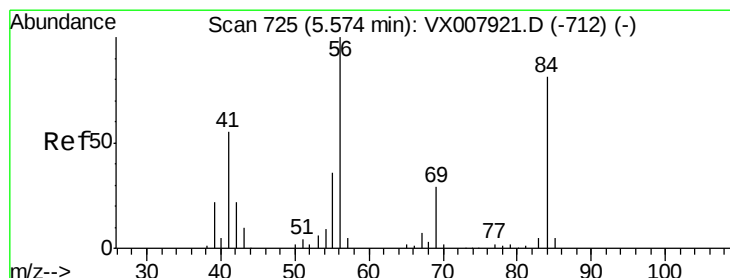
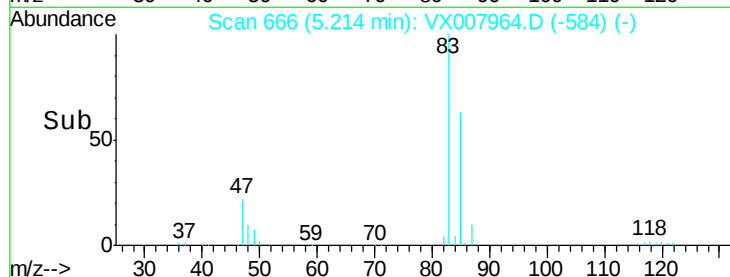
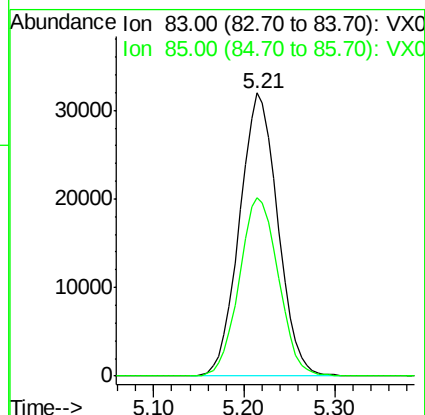
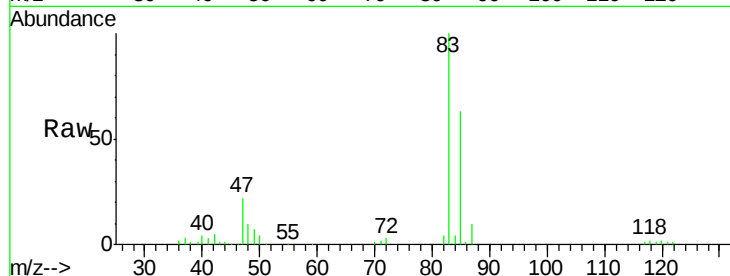
VX0311WBSD01

Tot Ion: 83 Resp: 93459

Ion Ratio Lower Upper

83 100

85 63.2 53.8 80.6



#26

Cyclohexane

Concen: 19.258 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

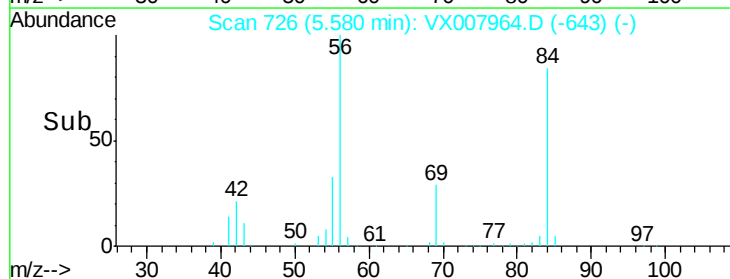
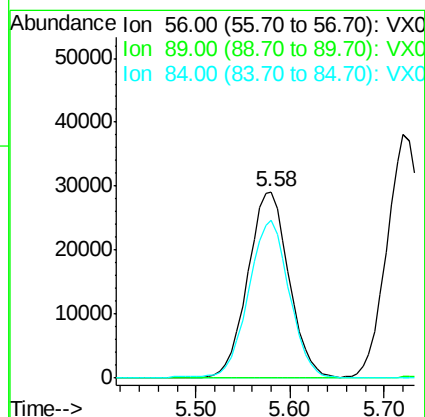
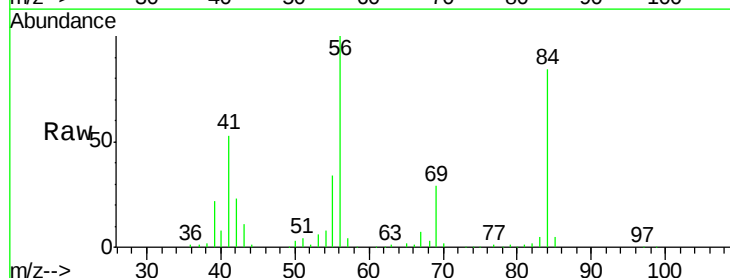
Tgt Ion: 56 Resp: 88958

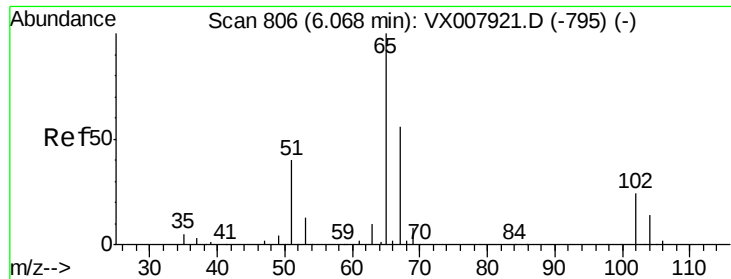
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 83.9 73.9 110.9

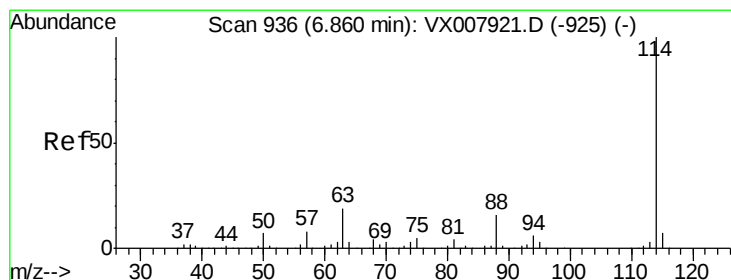
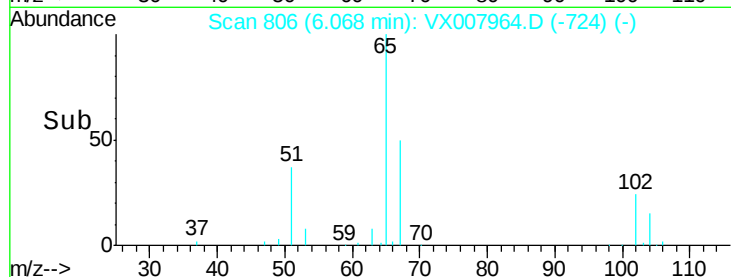
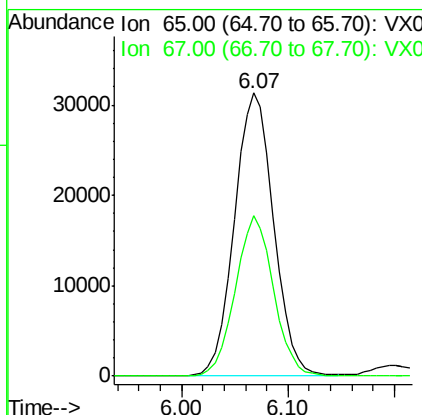
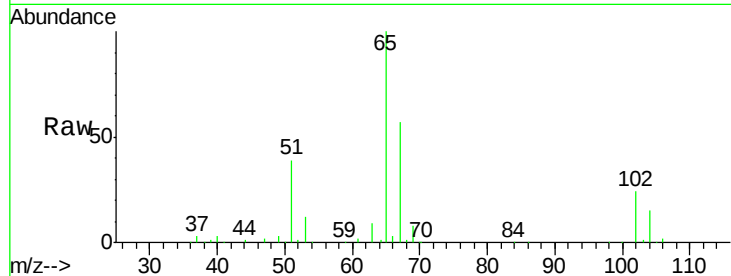




#27
 1,2-Dichloroethane-d4
 Concen: 29.223 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

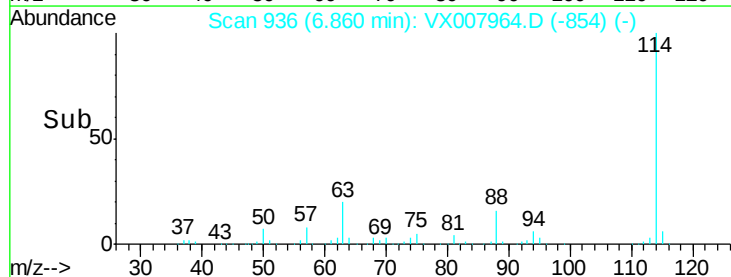
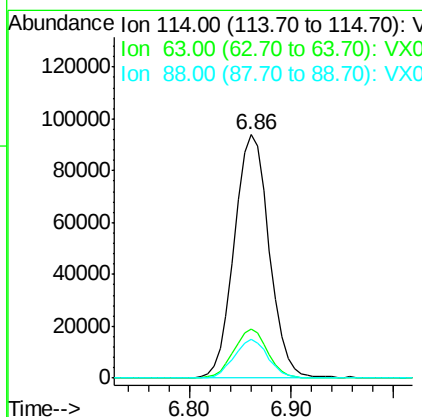
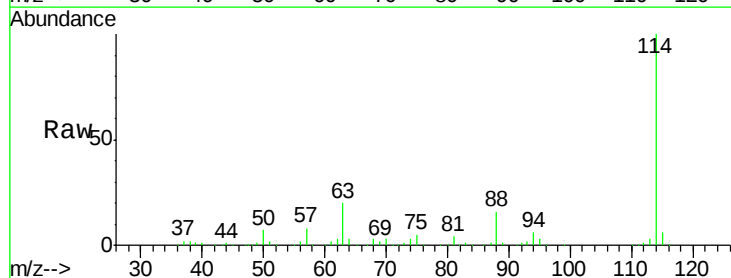
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

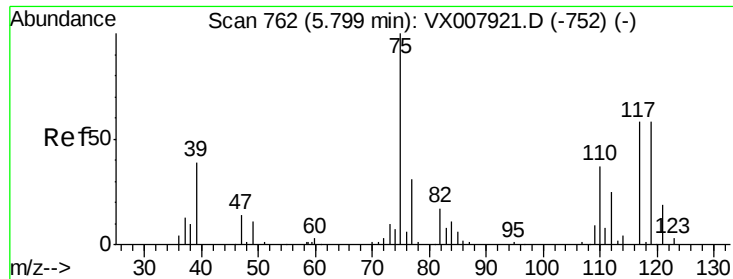
Tot Ion: 65 Resp: 81119
 Ion Ratio Lower Upper
 65 100
 67 55.0 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion: 114 Resp: 223512
 Ion Ratio Lower Upper
 114 100
 63 19.5 14.2 21.4
 88 15.5 11.9 17.9





#29

1,1-Dichloropropene

Concen: 19.916 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0311WBSD01

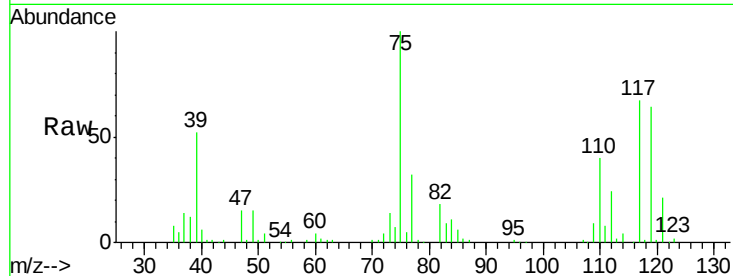
Tot Ion: 75 Resp: 70580

Ion Ratio Lower Upper

75 100

110 37.1 0.0 80.8

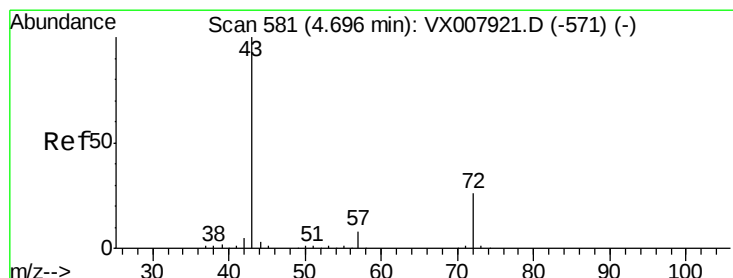
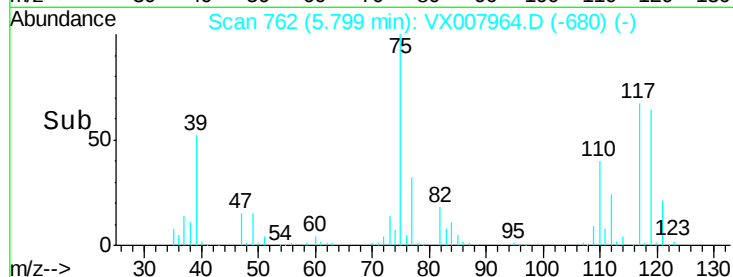
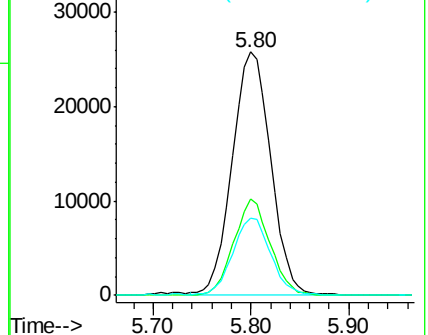
77 30.2 0.0 62.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 95.617 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

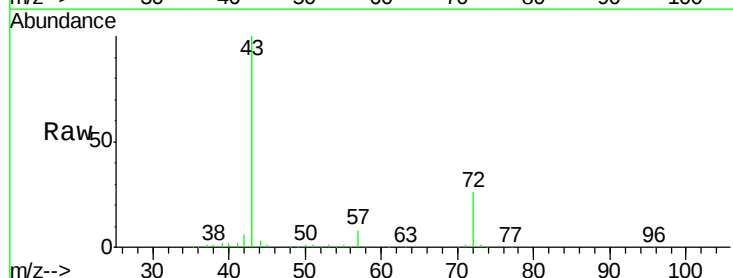
Tgt Ion: 43 Resp: 228551

Ion Ratio Lower Upper

43 100

57 8.3 7.0 10.6

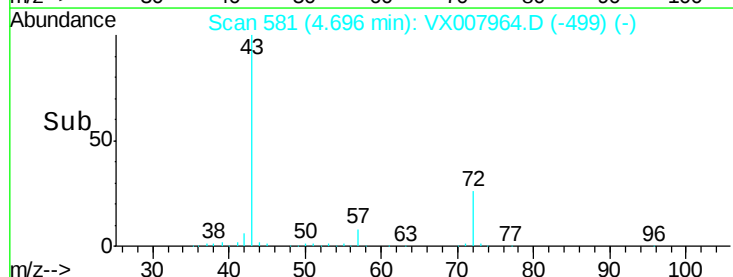
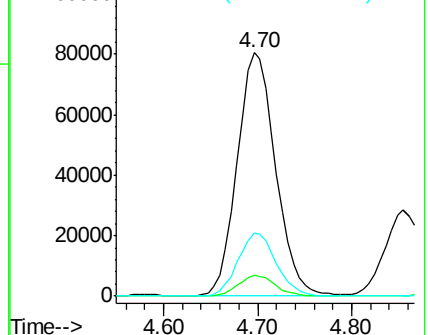
72 25.8 21.5 32.3

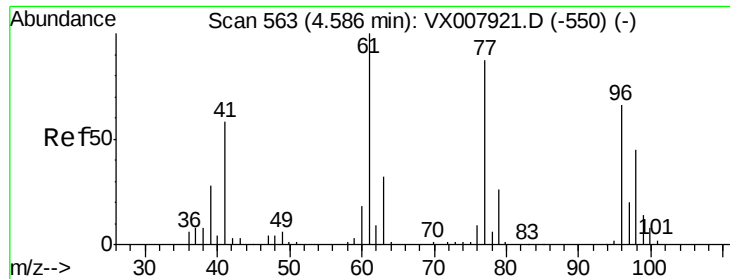


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

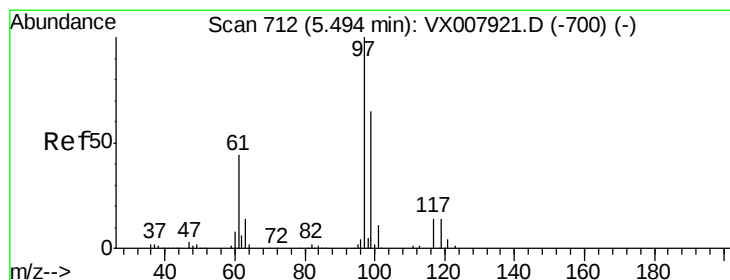
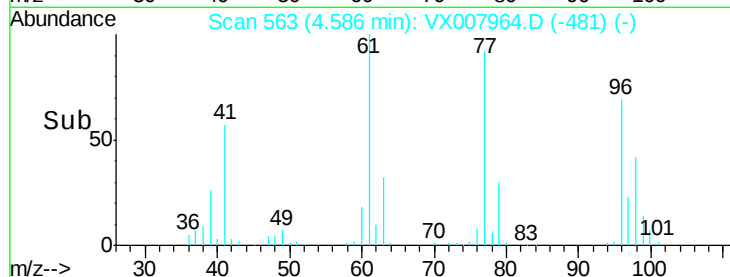
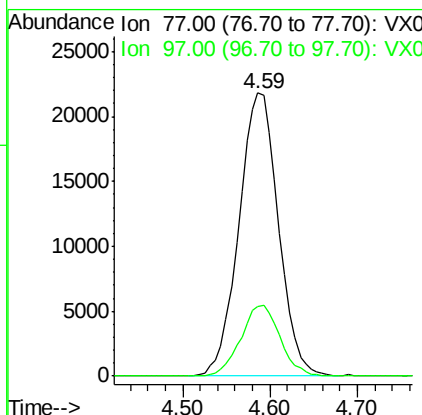
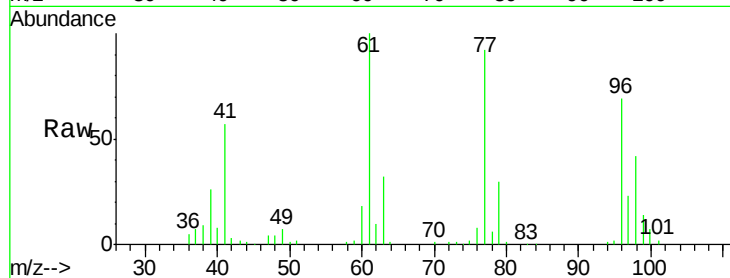




#31
 2,2-Dichloropropane
 Concen: 20.856 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

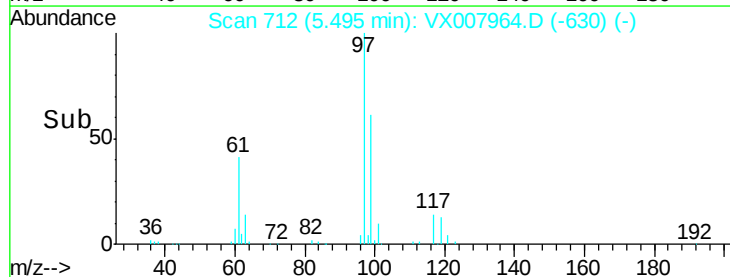
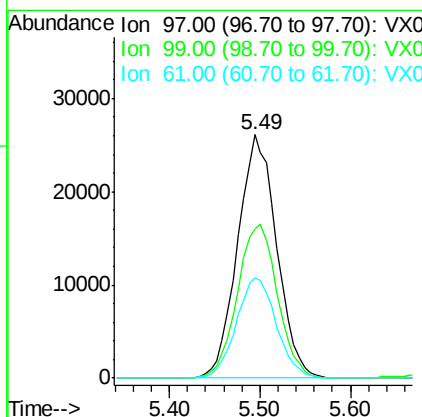
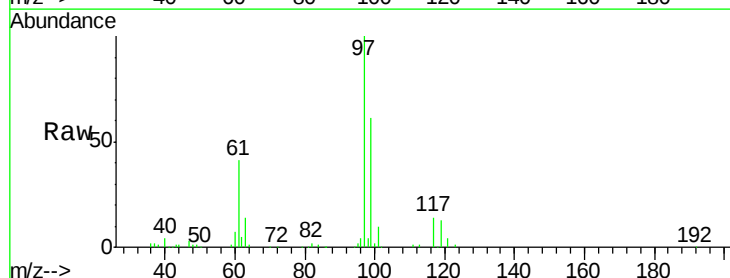
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

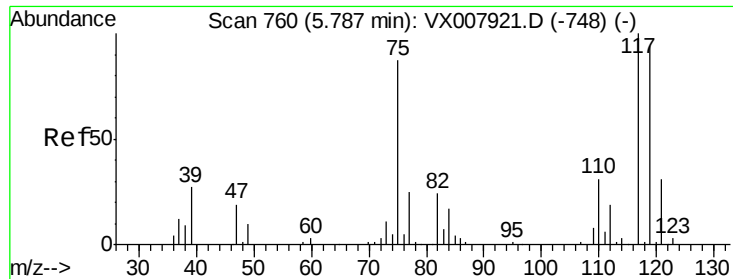
Tot Ion: 77 Resp: 68270
 Ion Ratio Lower Upper
 77 100
 97 25.0 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 20.303 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion: 97 Resp: 77806
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.7 77.5
 61 42.1 32.8 49.2





#33

Carbon Tetrachloride

Concen: 20.355 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

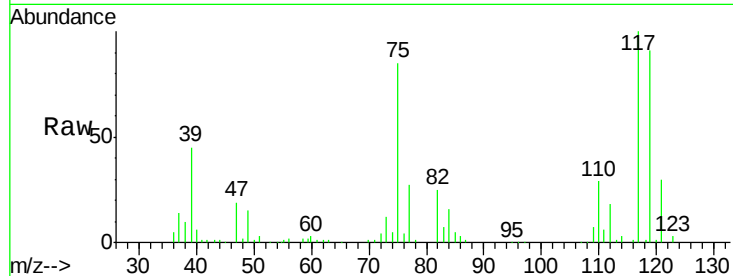
Tot Ion:117 Resp: 69190

Ion Ratio Lower Upper

117 100

119 91.2 78.1 117.1

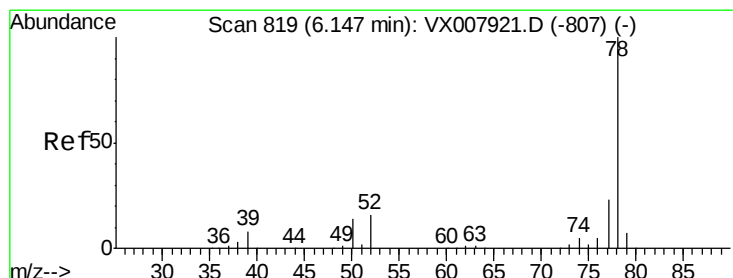
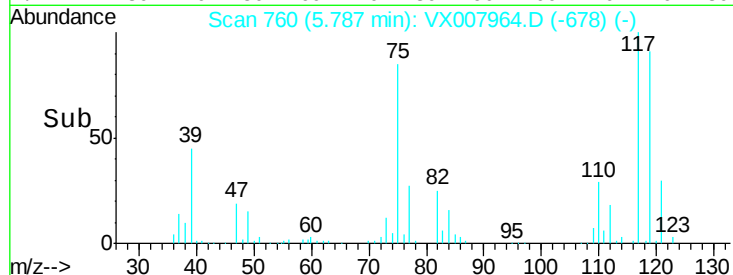
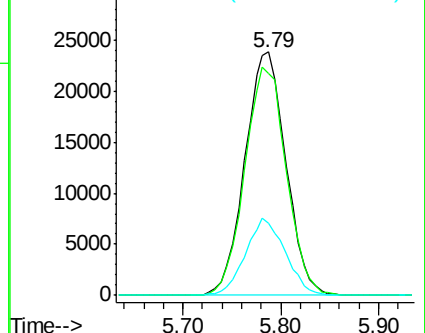
121 29.7 27.0 40.6



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: 19.920 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

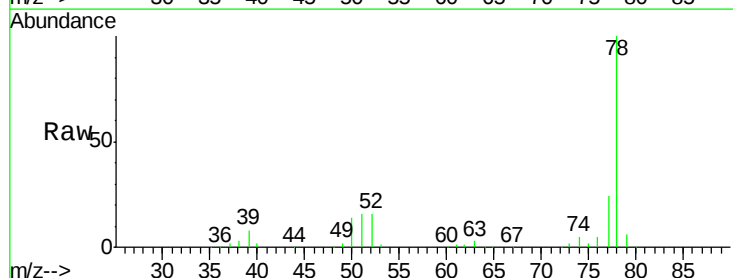
Tgt Ion: 78 Resp: 216346

Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7

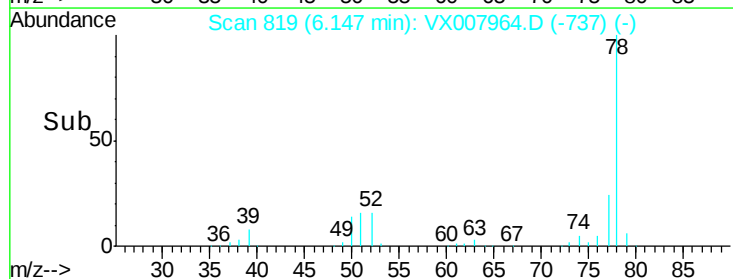
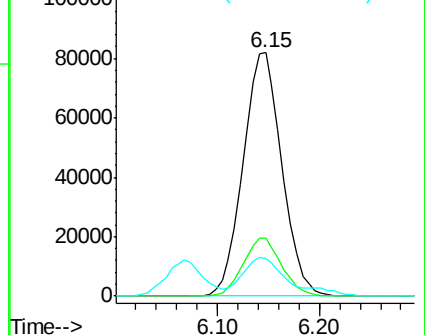
51 14.3 10.8 16.2

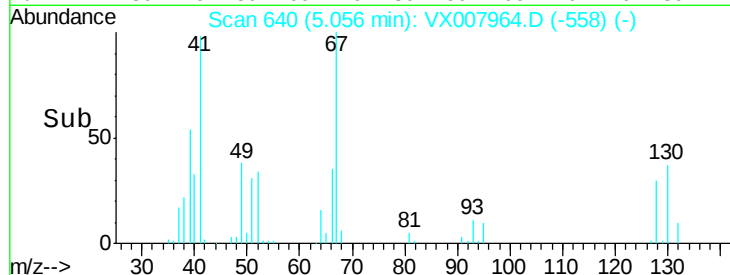
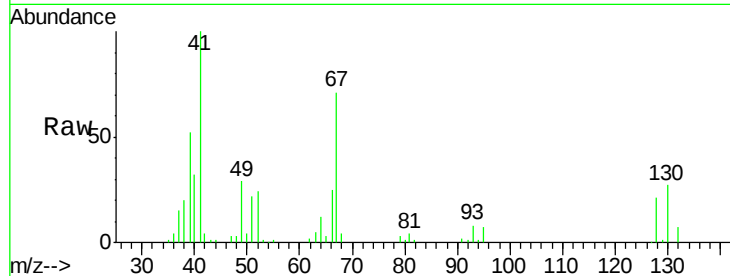
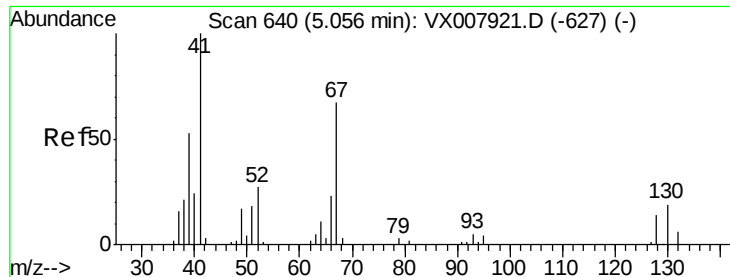


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

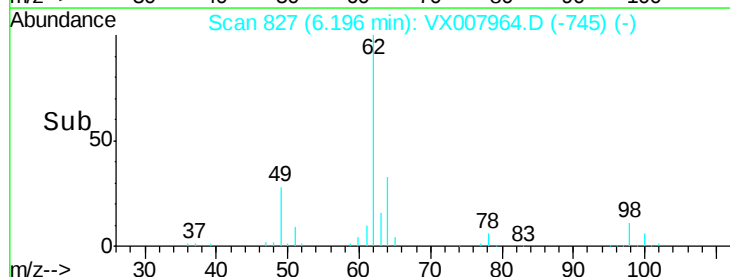
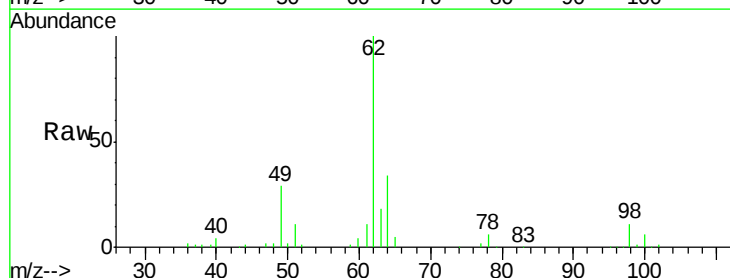
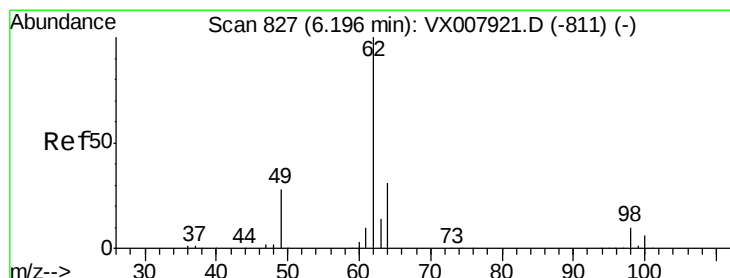
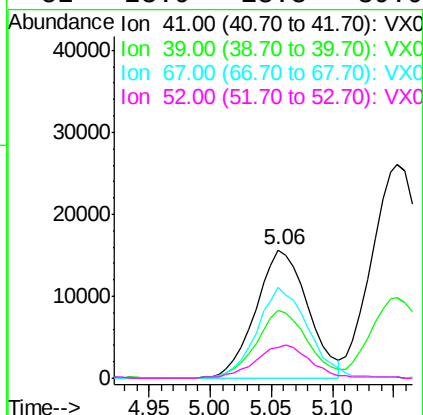




#35
Methacrylonitrile
Concen: 19.759 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

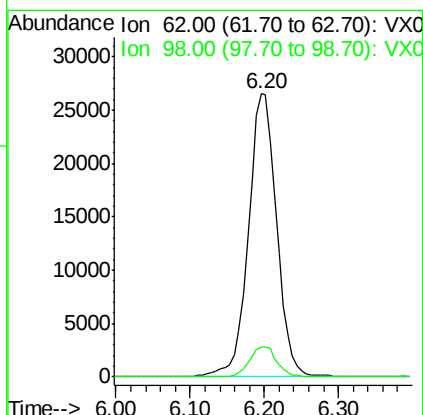
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

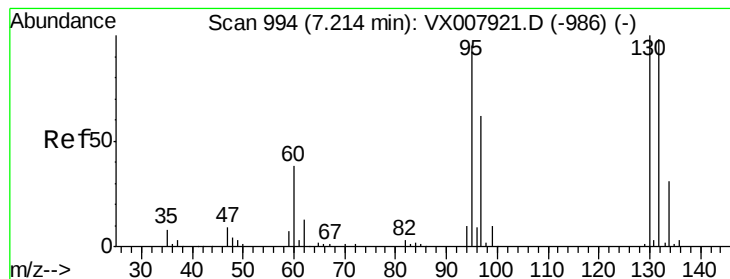
Tot Ion: 41 Resp: 46023
Ion Ratio Lower Upper
41 100
39 52.7 27.4 82.0
67 71.0 37.9 113.6
52 23.9 13.3 39.9



#36
1,2-Dichloroethane
Concen: 19.998 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion: 62 Resp: 70660
Ion Ratio Lower Upper
62 100
98 10.3 7.8 11.8





#37

Trichloroethene

Concen: 20.446 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

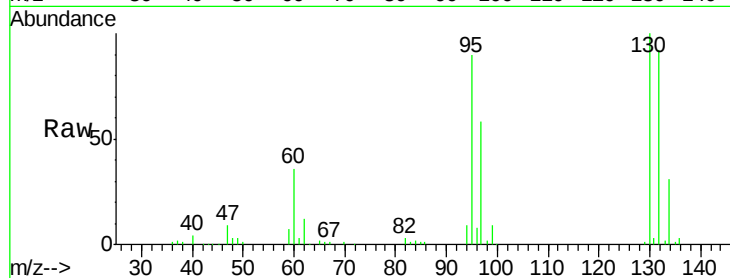
VX0311WBSD01

Tot Ion:130 Resp: 60163

Ion Ratio Lower Upper

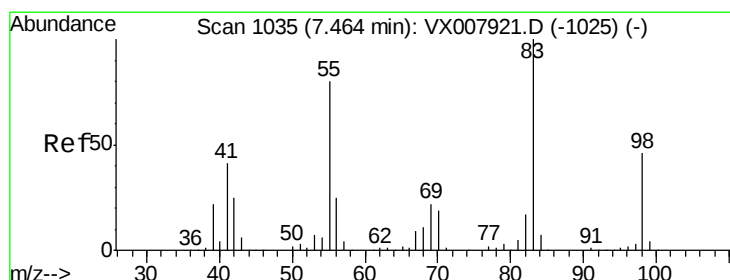
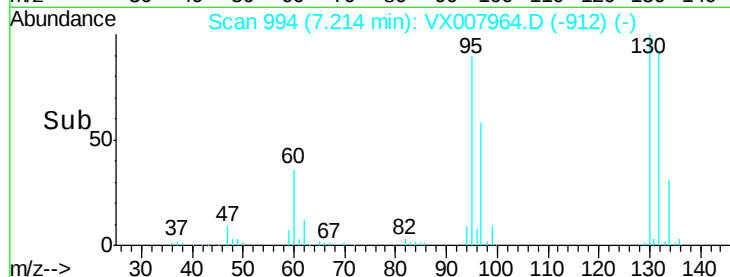
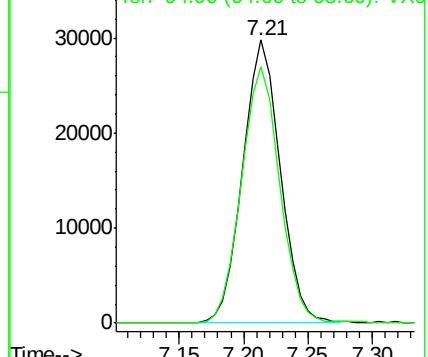
130 100

95 90.4 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: 19.418 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

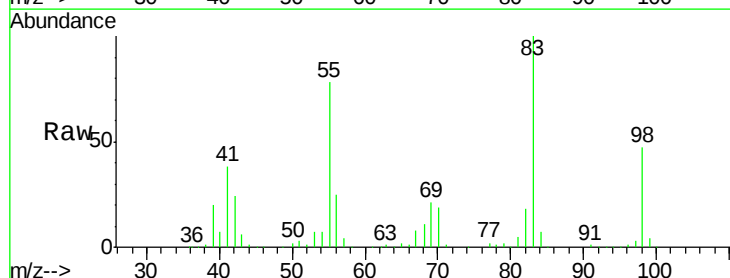
Tgt Ion: 83 Resp: 87494

Ion Ratio Lower Upper

83 100

55 78.0 36.0 108.0

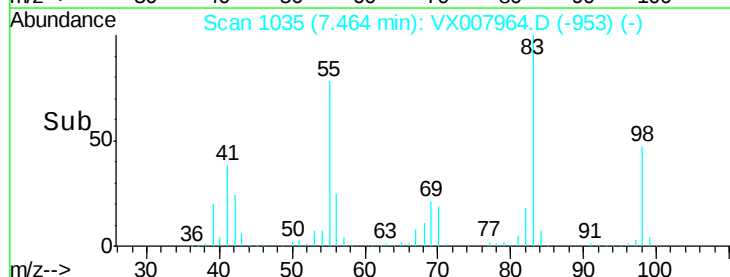
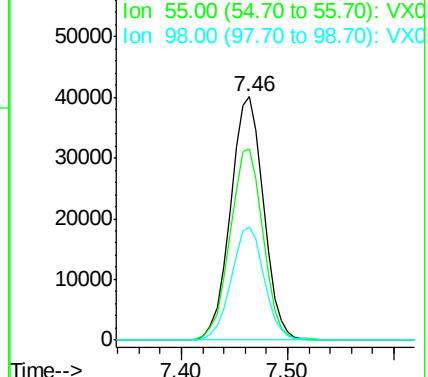
98 46.6 23.8 71.4

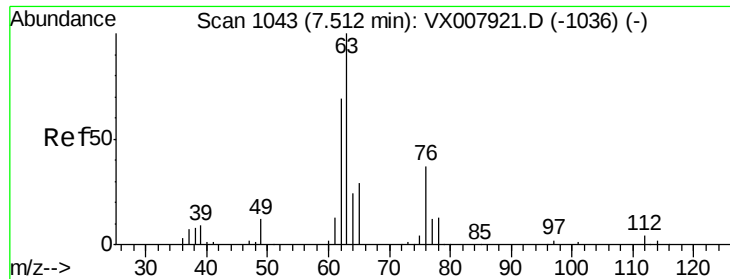


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

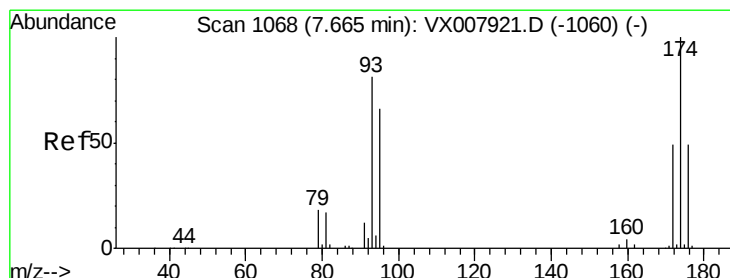
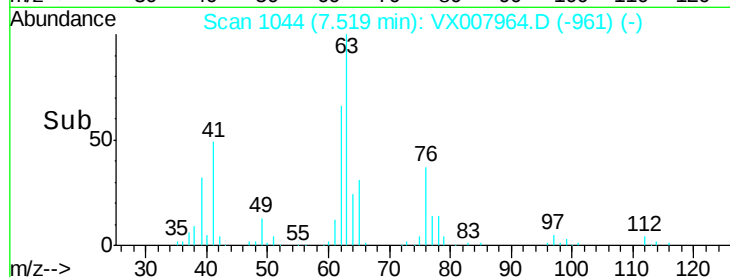
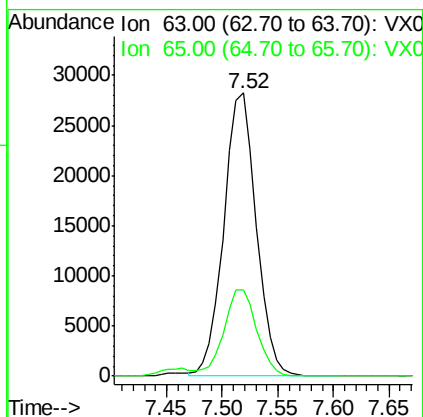
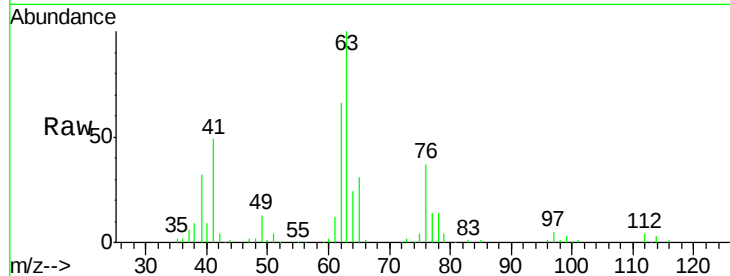




#39
 1,2-Dichloropropane
 Concen: 20.210 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

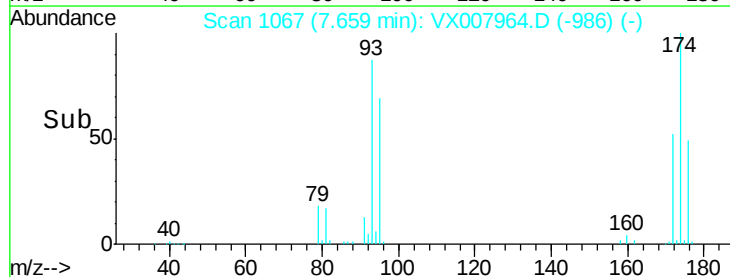
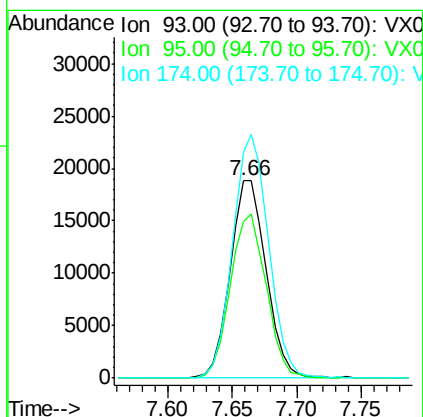
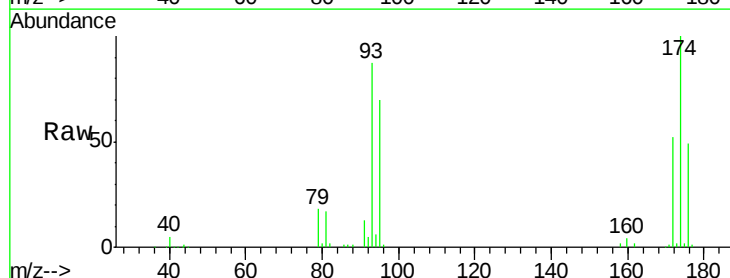
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

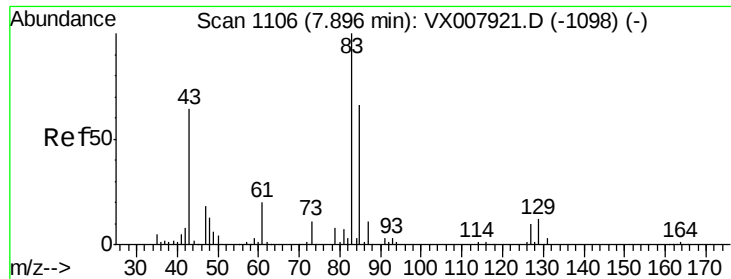
Tot Ion: 63 Resp: 57242
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.6 37.0



#40
 Dibromomethane
 Concen: 20.414 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion: 93 Resp: 36676
 Ion Ratio Lower Upper
 93 100
 95 82.7 0.0 158.8
 174 122.8 0.0 224.2





#41

Bromodichloromethane

Concen: 20.063 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

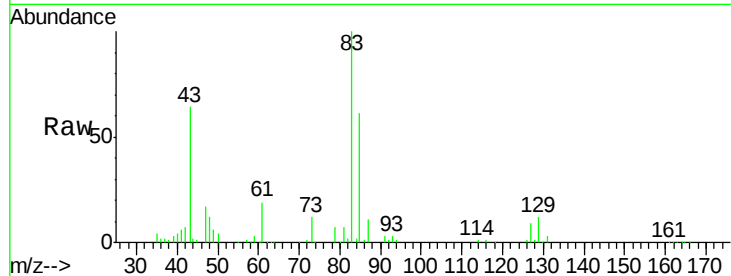
Tot Ion: 83 Resp: 68133

Ion Ratio Lower Upper

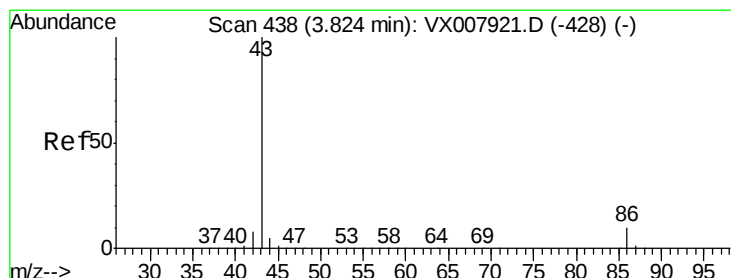
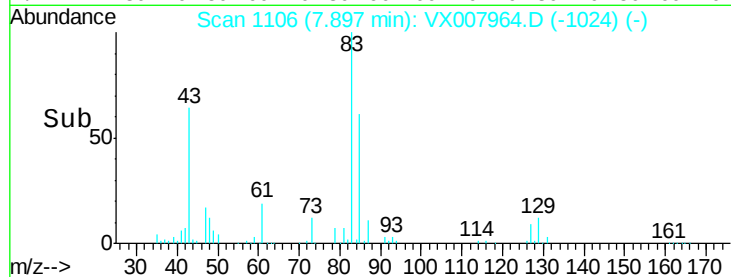
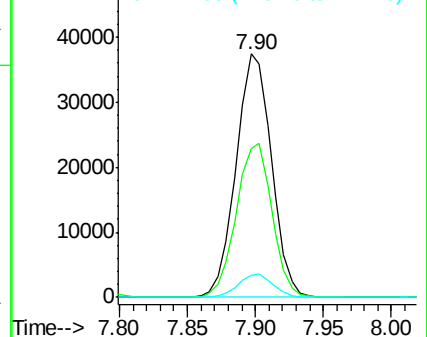
83 100

85 61.3 51.1 76.7

127 8.9 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: 100.616 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007964.D

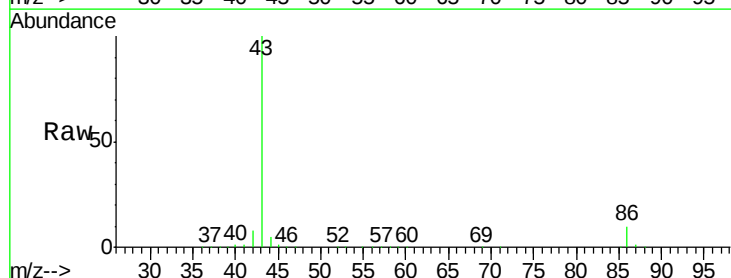
Acq: 11 Mar 2019 12:10

Tgt Ion: 43 Resp: 778503

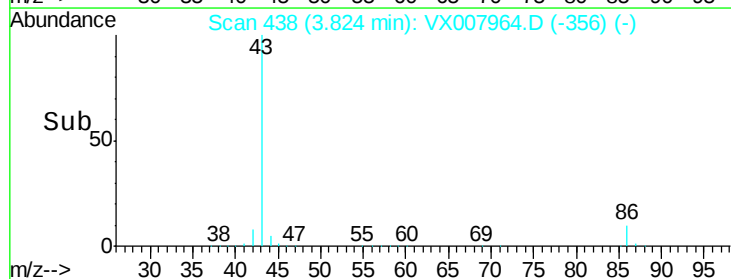
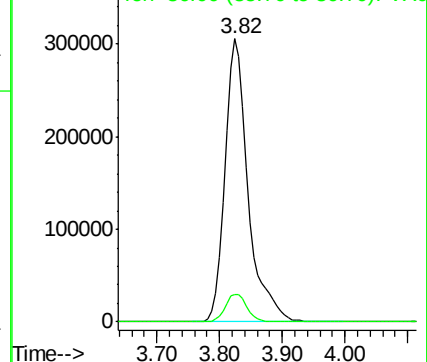
Ion Ratio Lower Upper

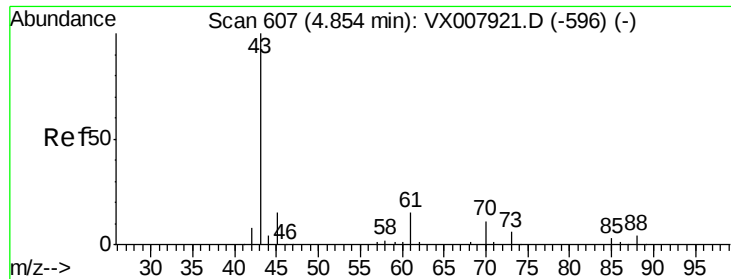
43 100

86 9.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

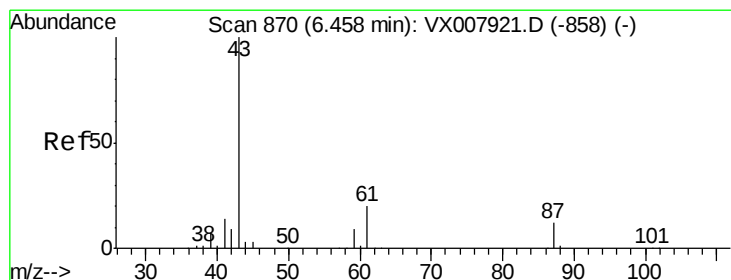
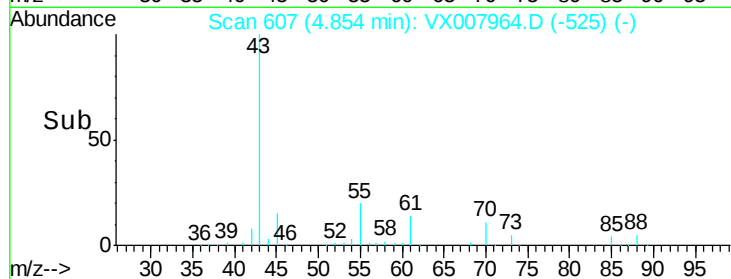
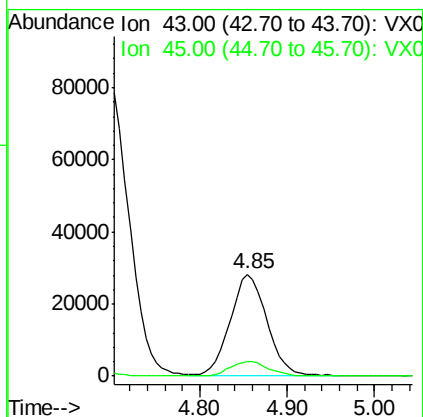
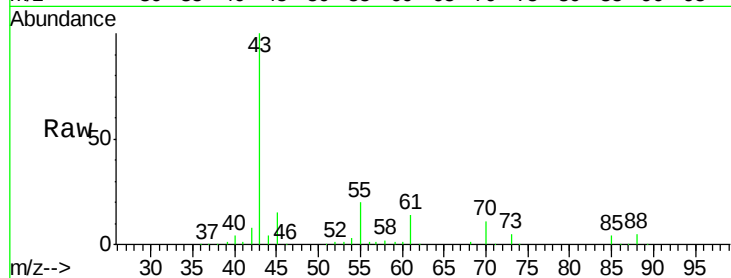




#43
Ethyl Acetate
Concen: 19.645 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

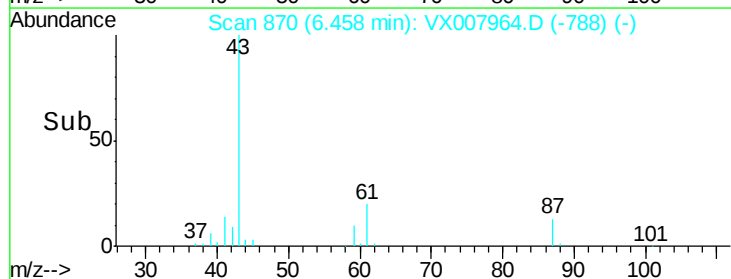
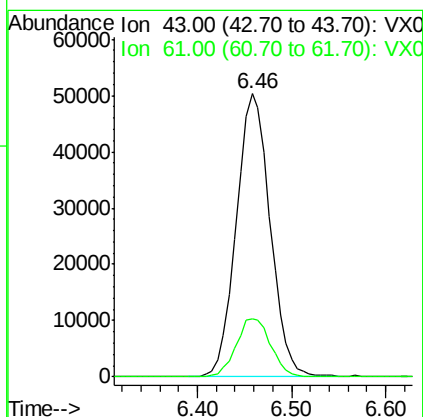
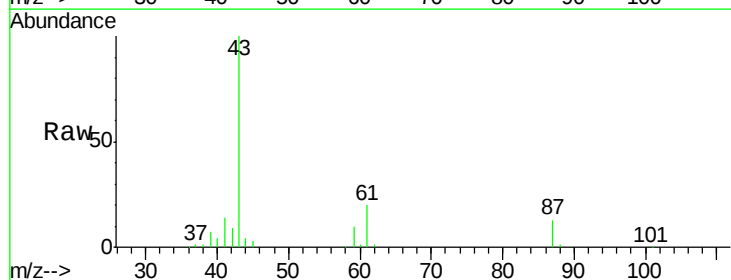
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

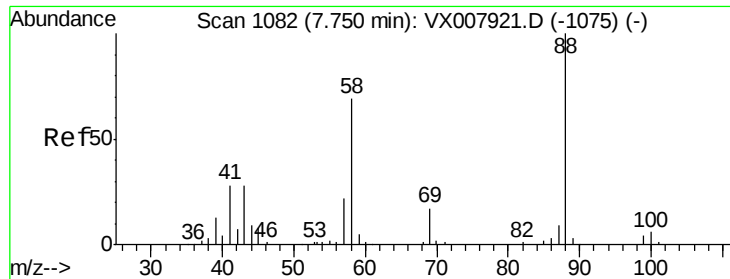
Tot Ion: 43 Resp: 81792
Ion Ratio Lower Upper
43 100
45 15.1 6.9 10.3#



#44
Isopropyl Acetate
Concen: 19.709 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion: 43 Resp: 125202
Ion Ratio Lower Upper
43 100
61 21.1 16.1 24.1



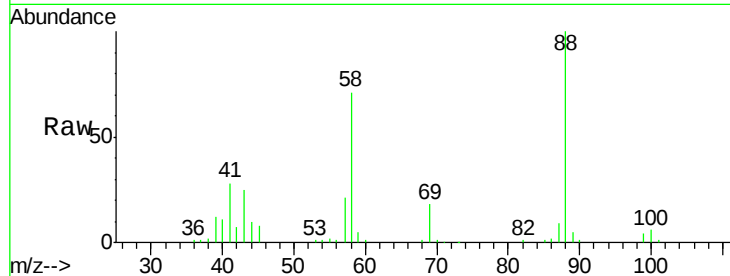


#45
 1,4-Dioxane
 Concen: 399.736 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

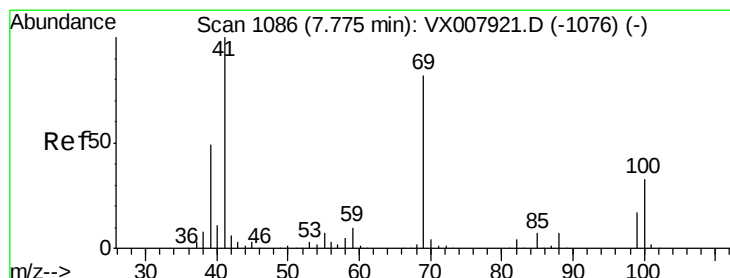
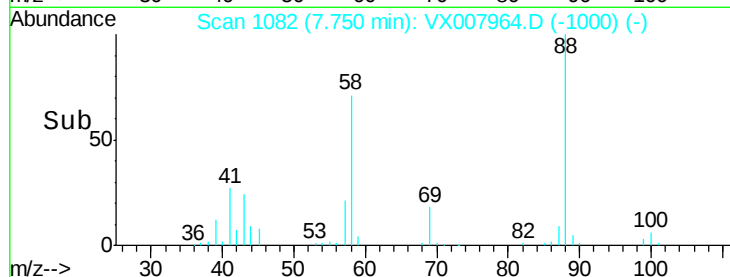
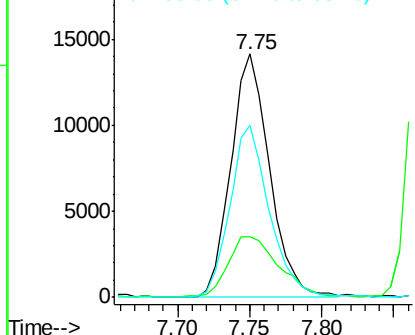
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tot Ion: 88 Resp: 26568

Ion	Ratio	Lower	Upper
88	100		
43	33.0	23.6	35.4
58	72.0	51.6	77.4



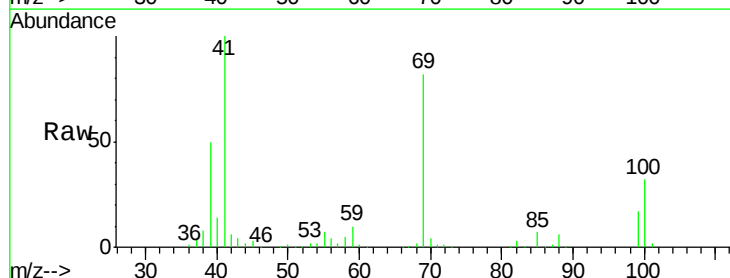
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



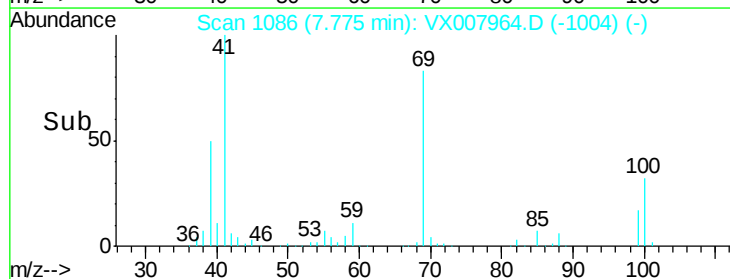
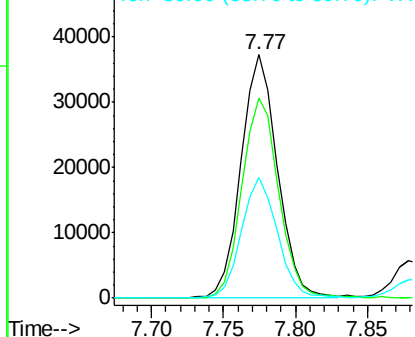
#46
 Methyl methacrylate
 Concen: 19.658 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

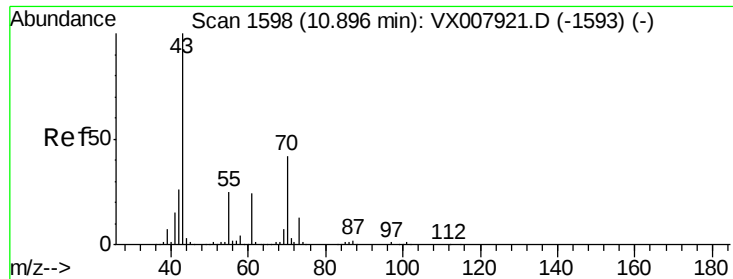
Tgt Ion: 41 Resp: 65677

Ion	Ratio	Lower	Upper
41	100		
69	82.3	44.2	132.6
39	49.5	29.9	89.8



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





#47

n-amvl Acetate

Concen: 19.415 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

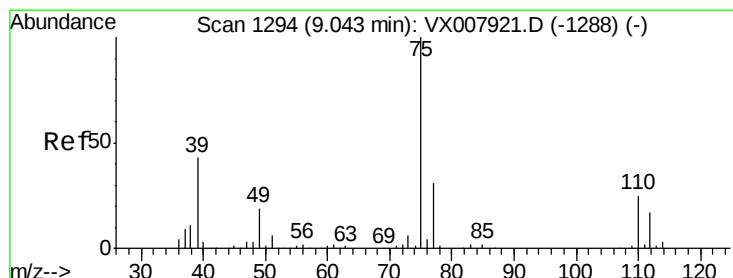
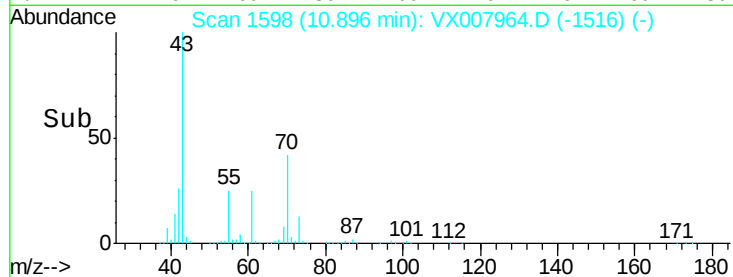
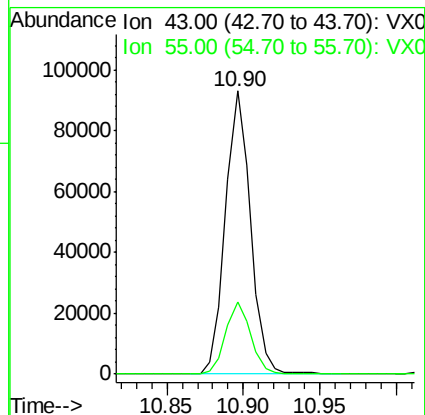
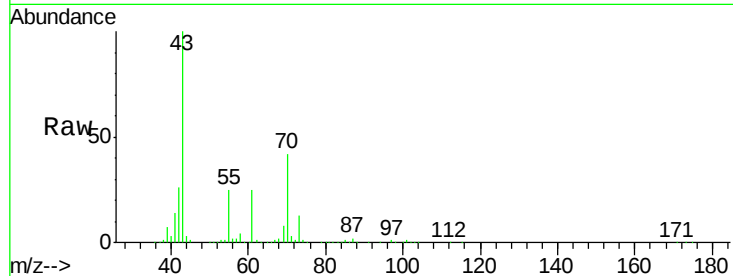
VX0311WBSD01

Tot Ion: 43 Resp: 106270

Ion Ratio Lower Upper

43 100

55 25.7 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 19.870 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007964.D

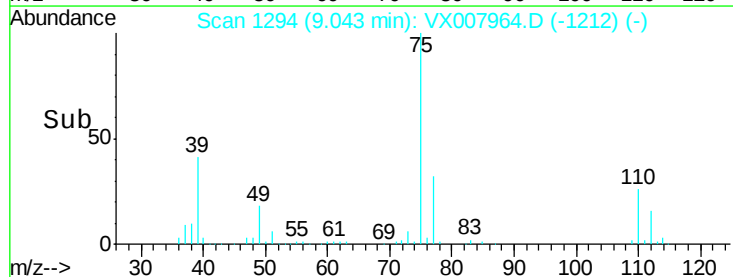
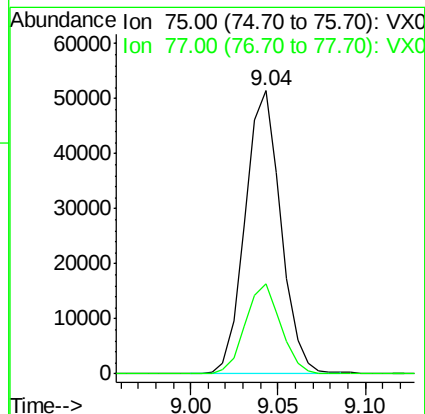
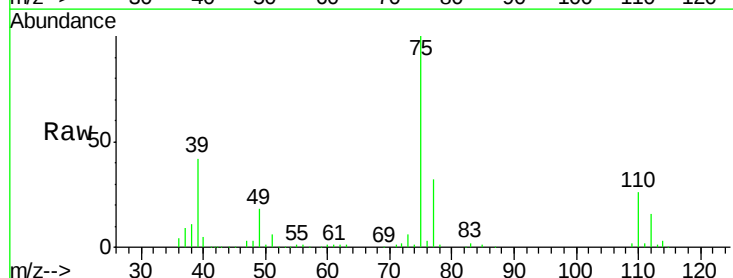
Acq: 11 Mar 2019 12:10

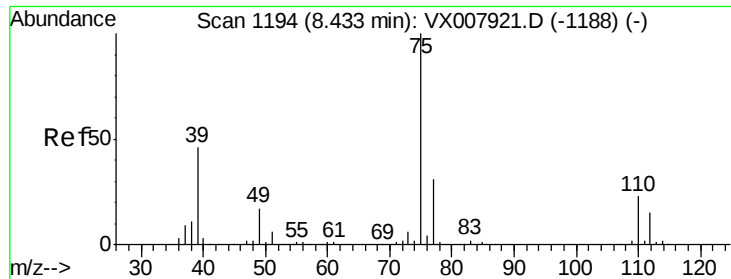
Tgt Ion: 75 Resp: 73078

Ion Ratio Lower Upper

75 100

77 32.0 24.5 36.7



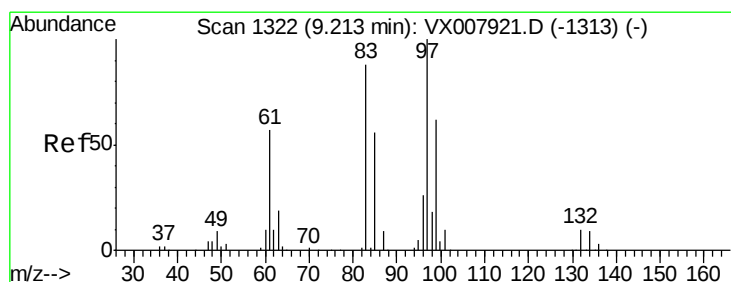
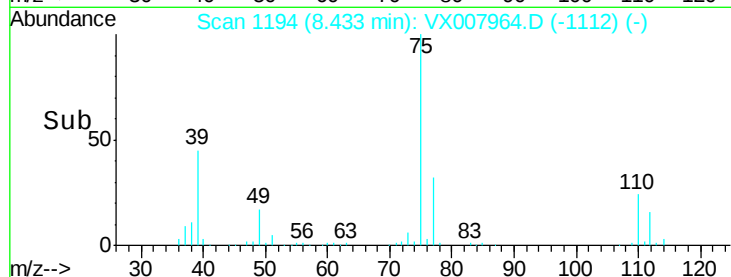
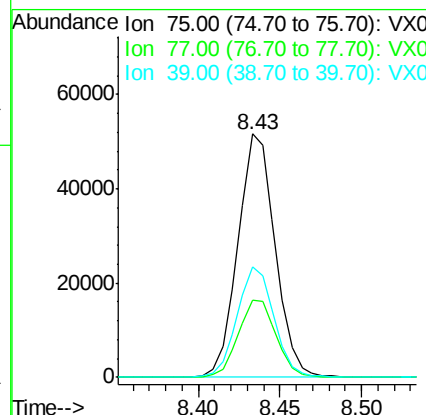
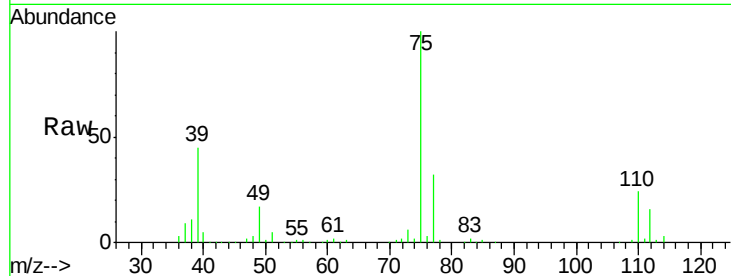


#49

cis-1,3-Dichloropropene
 Concen: 19.730 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

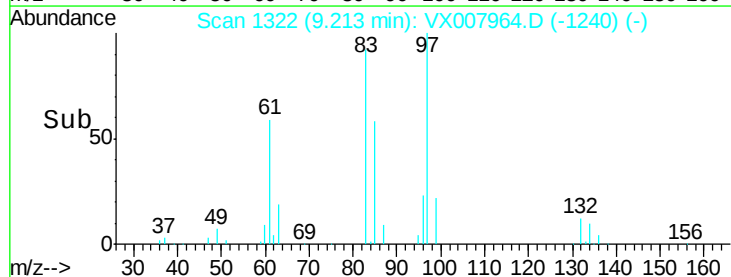
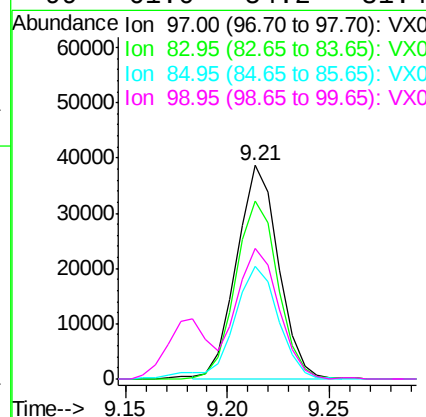
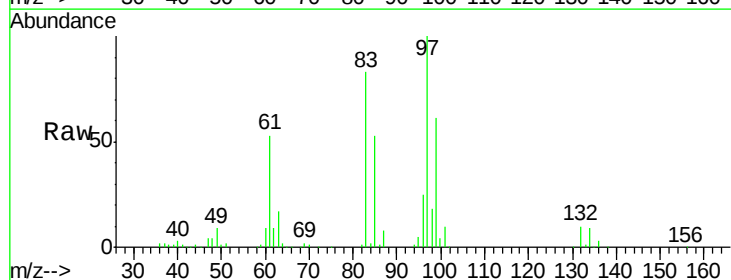
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.0	37.4
39	45.0	38.5	57.7

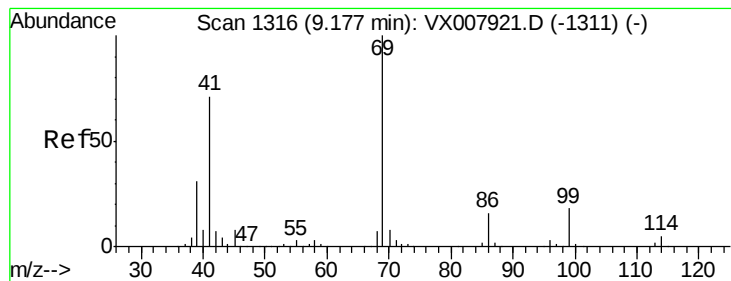


#50

1,1,2-Trichloroethane
 Concen: 20.202 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	72.0	108.0
85	52.8	45.0	67.6
99	61.0	54.2	81.4





#51

Ethyl methacrylate

Concen: 19.728 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

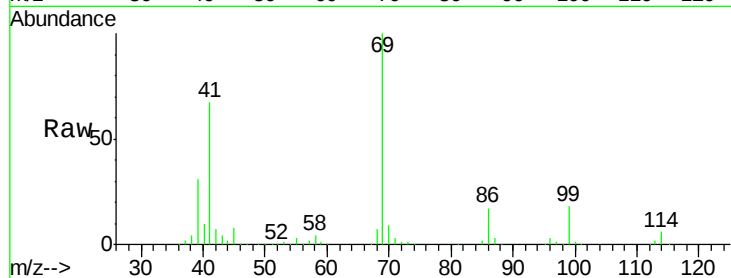
Tot Ion: 69 Resp: 81931

Ion Ratio Lower Upper

69 100

41 67.0 32.1 96.5

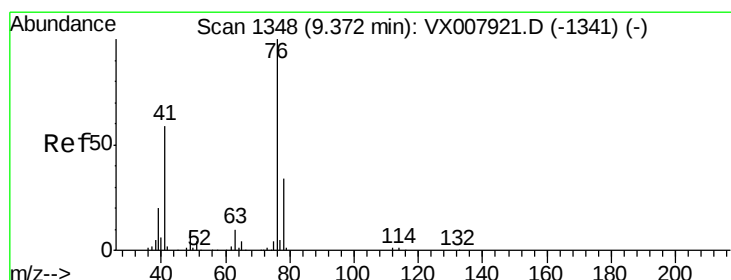
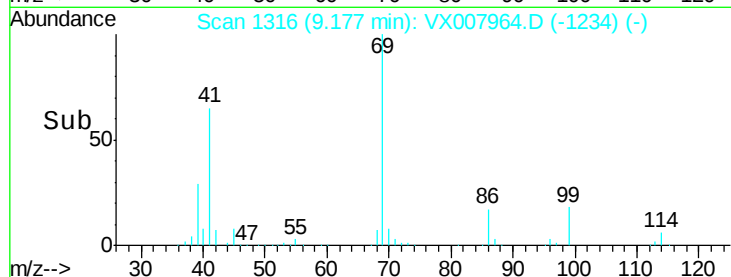
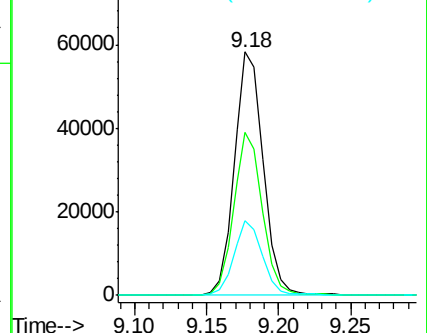
39 30.8 18.8 56.3



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: 20.083 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007964.D

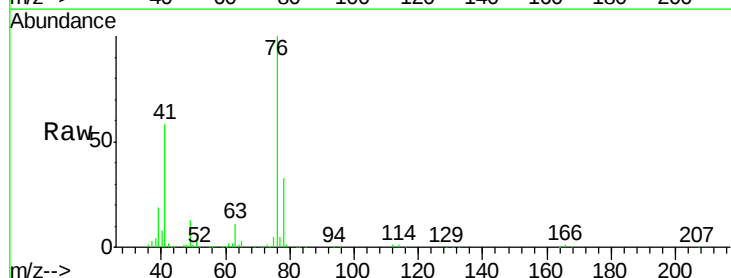
Acq: 11 Mar 2019 12:10

Tgt Ion: 76 Resp: 90873

Ion Ratio Lower Upper

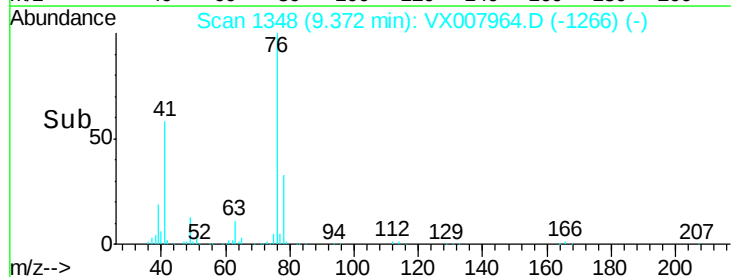
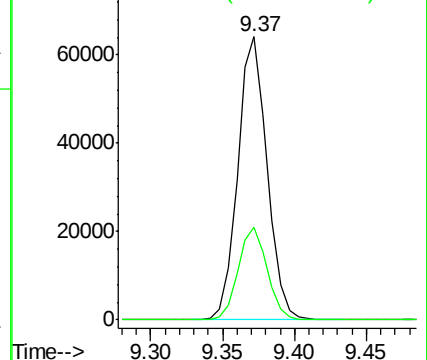
76 100

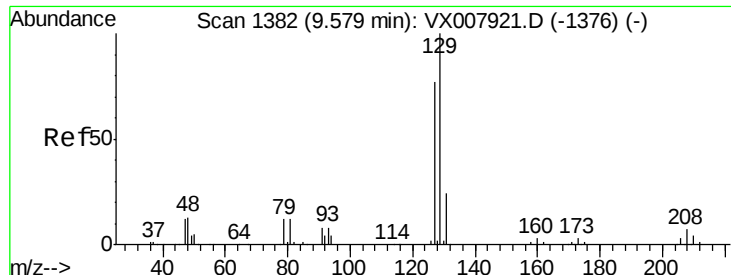
78 32.4 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

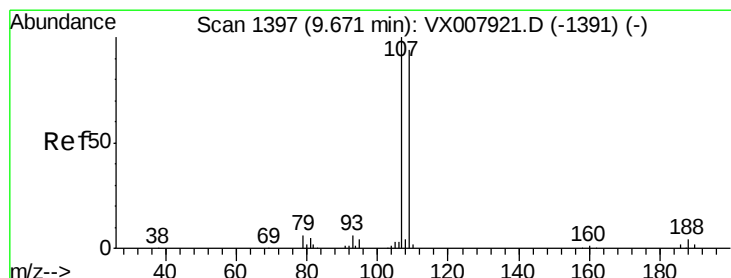
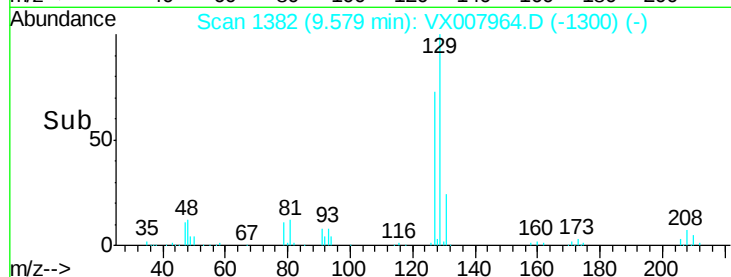
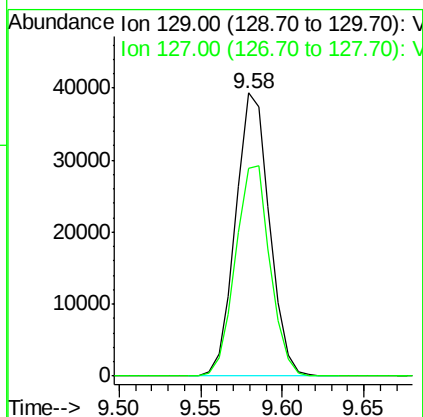
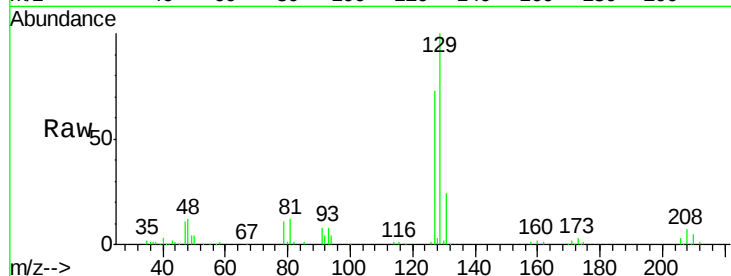




#53
 Dibromochloromethane
 Concen: 20.218 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

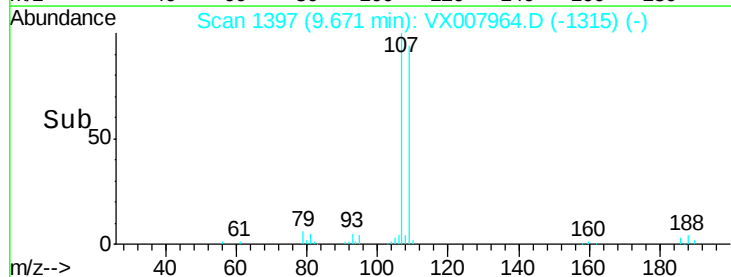
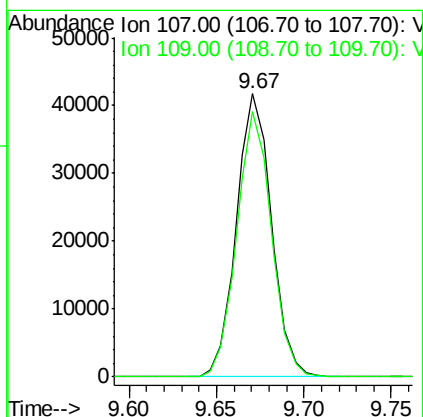
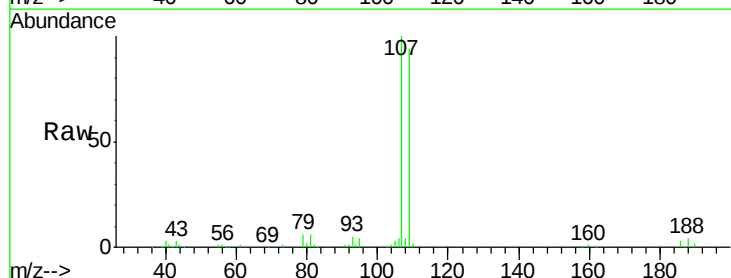
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

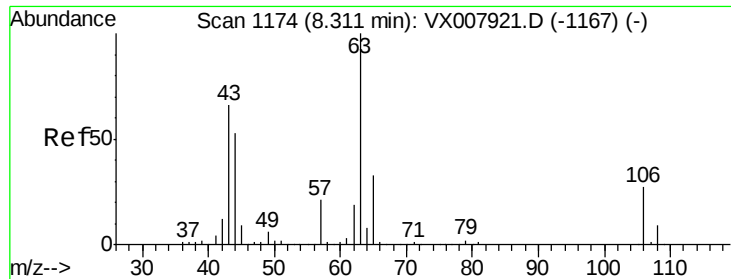
Tot Ion:129 Resp: 56952
 Ion Ratio Lower Upper
 129 100
 127 75.9 38.4 115.2



#54
 1,2-Dibromoethane
 Concen: 20.356 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion:107 Resp: 58280
 Ion Ratio Lower Upper
 107 100
 109 92.9 76.6 115.0

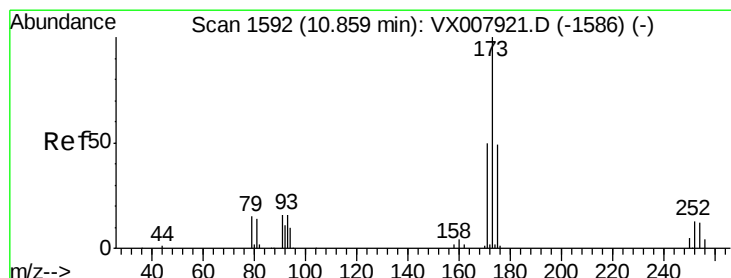
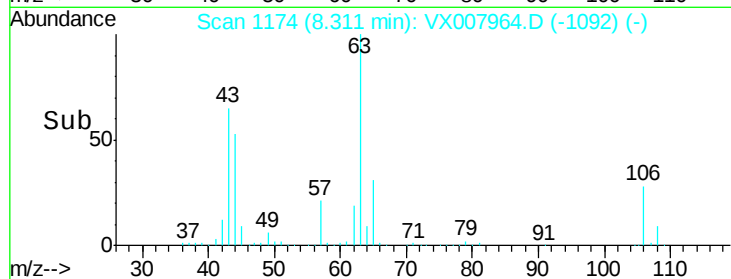
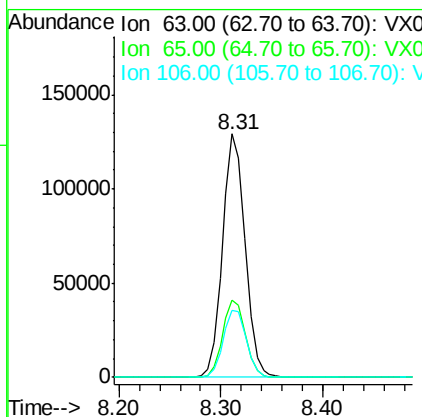
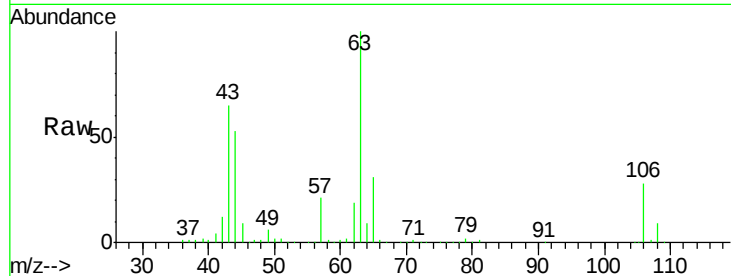




#55
2-Chloroethyl vinyl ether
Concen: 103.038 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

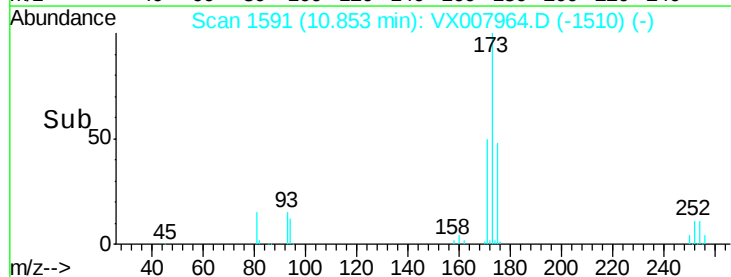
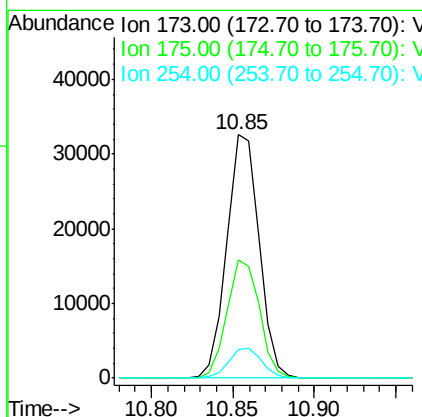
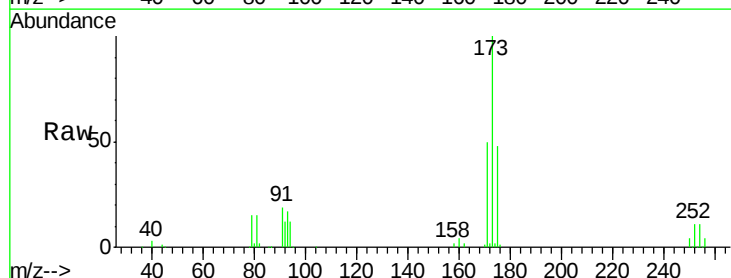
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

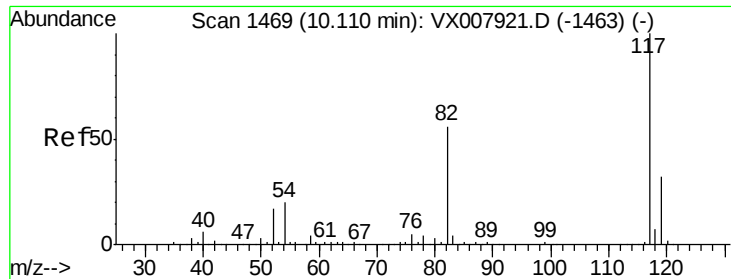
Tot Ion: 63 Resp: 199031
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 28.5 23.7 35.5



#56
Bromoform
Concen: 20.046 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion:173 Resp: 45041
Ion Ratio Lower Upper
173 100
175 48.8 38.5 57.7
254 12.3 7.4 11.2#

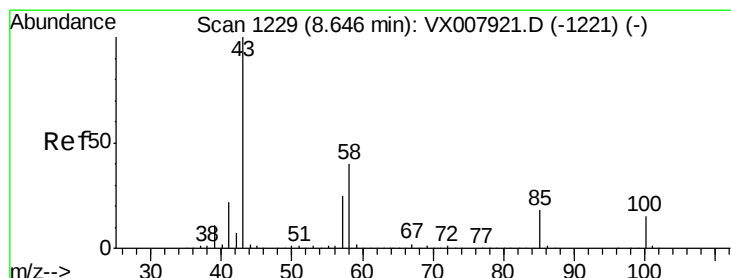
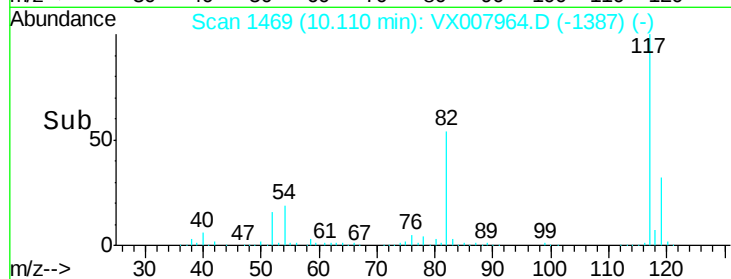
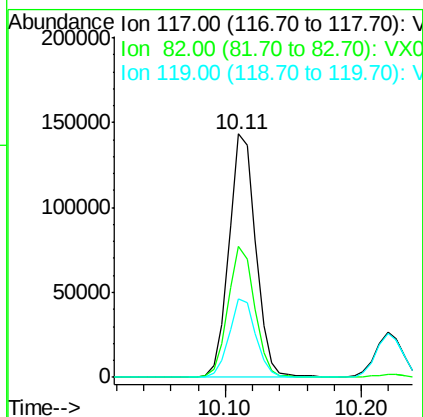
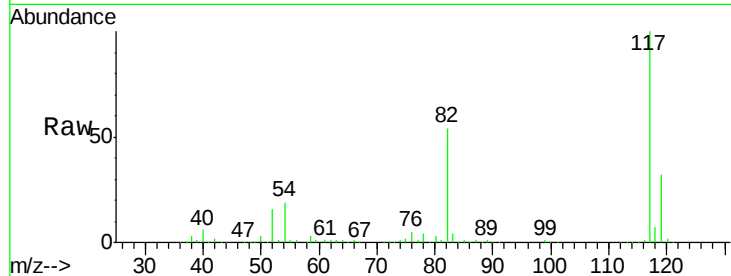




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

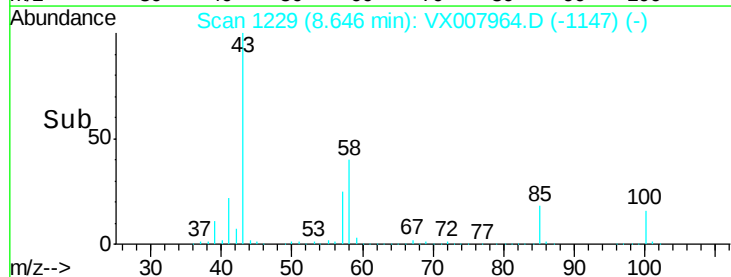
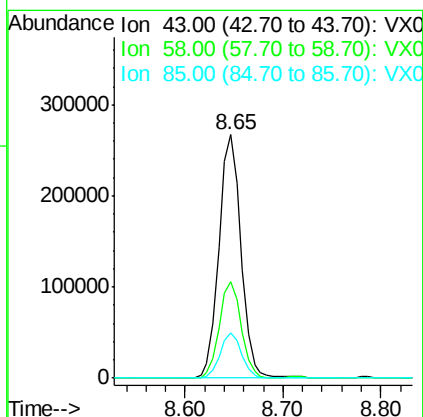
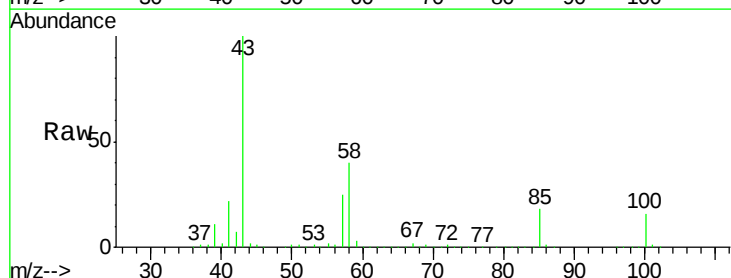
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

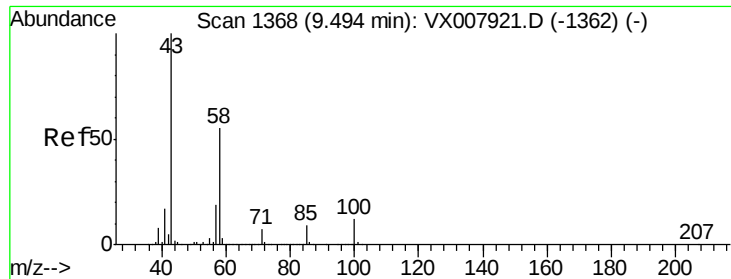
Tot Ion:117 Resp: 196358
Ion Ratio Lower Upper
117 100
82 53.6 40.4 60.6
119 32.3 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 103.323 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion: 43 Resp: 417707
Ion Ratio Lower Upper
43 100
58 39.5 31.4 47.0
85 18.1 15.0 22.6

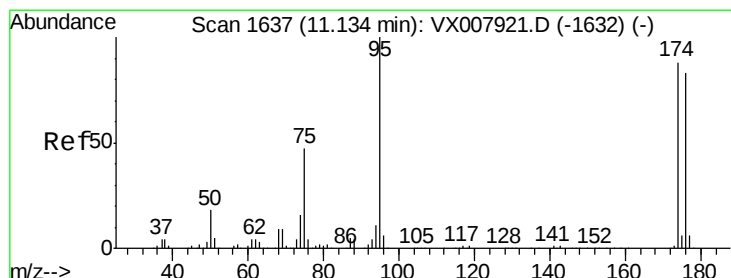
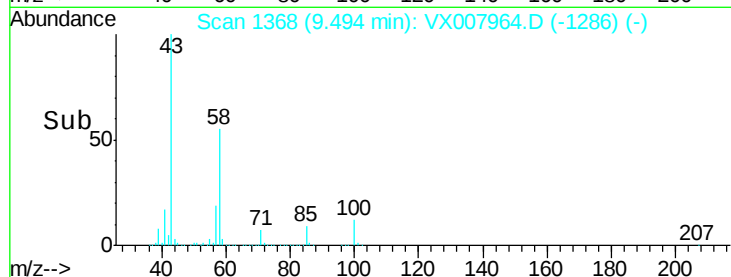
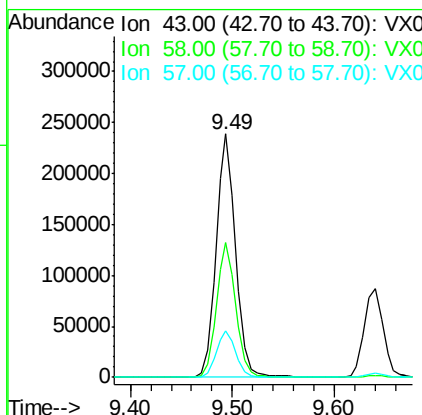
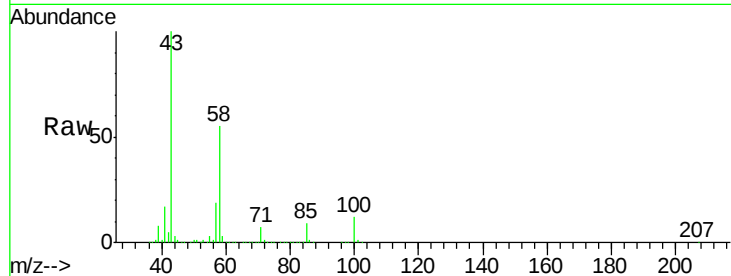




#59
2-Hexanone
Concen: 100.171 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

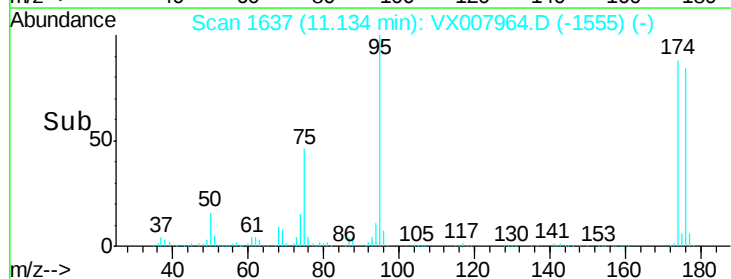
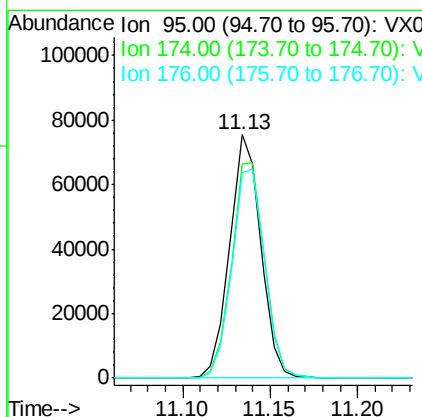
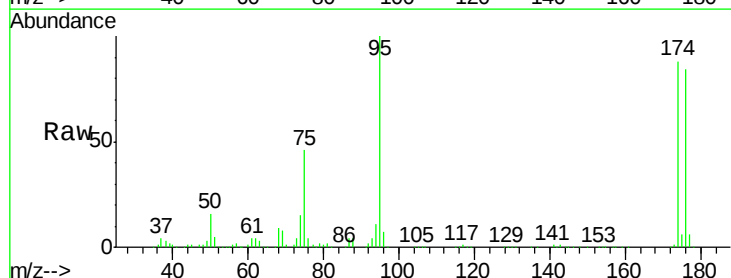
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

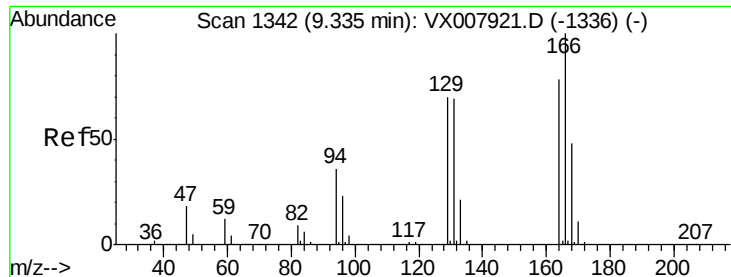
Tot Ion: 43 Resp: 319667
Ion Ratio Lower Upper
43 100
58 55.4 43.9 65.9
57 19.1 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 29.760 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion: 95 Resp: 93271
Ion Ratio Lower Upper
95 100
174 93.9 74.9 112.3
176 90.6 70.7 106.1

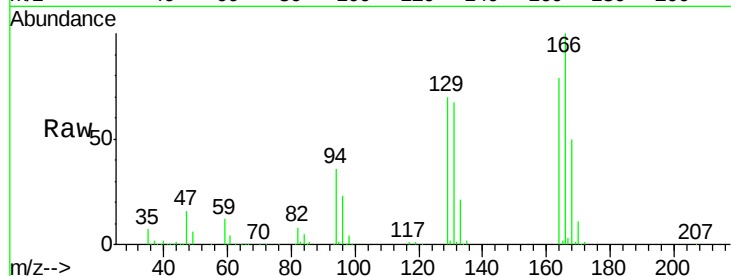




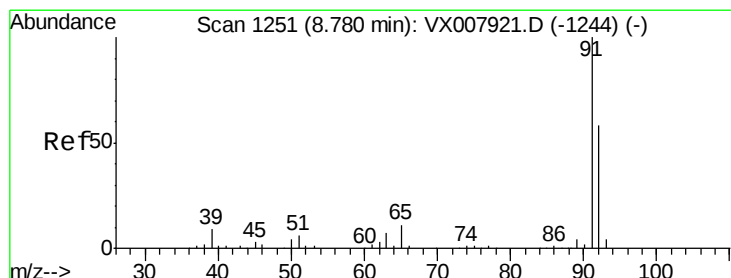
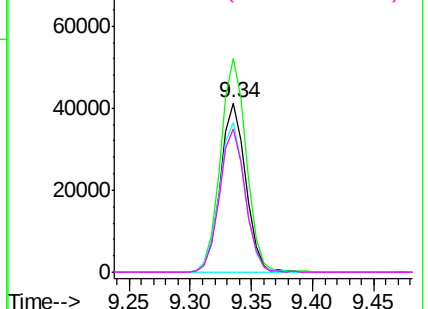
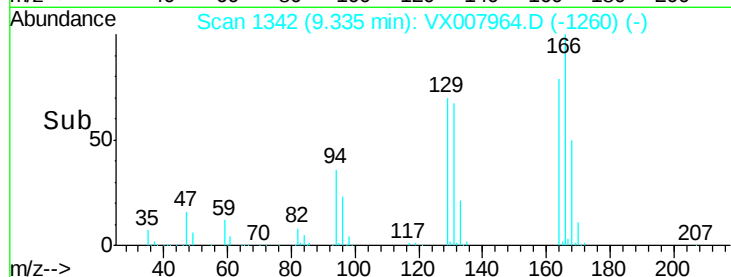
#61
Tetrachloroethene
Concen: 20.815 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tot Ion:164 Resp: 59622
Ion Ratio Lower Upper
164 100
166 126.2 103.9 155.9
129 88.0 74.7 112.1
131 84.7 71.7 107.5

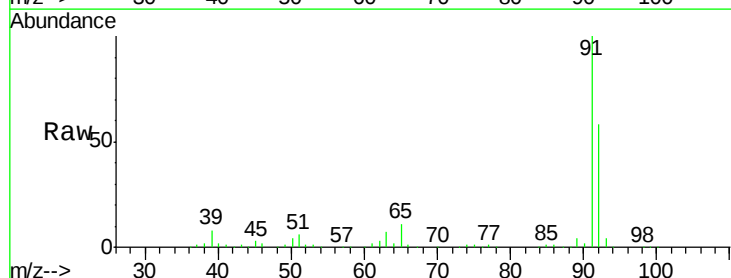


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

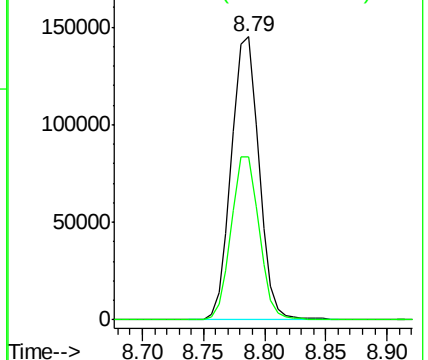
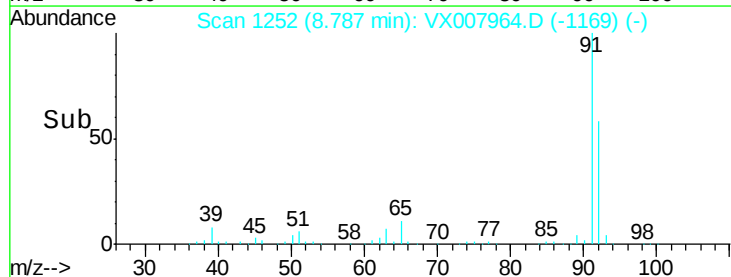


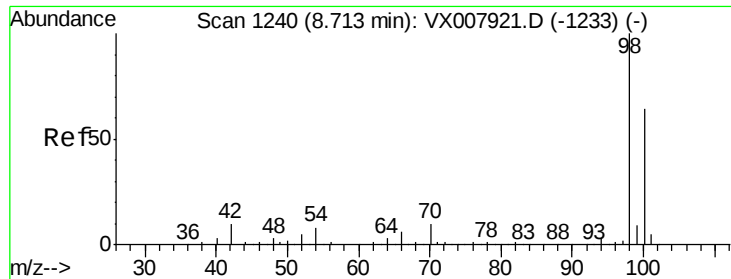
#62
Toluene
Concen: 19.854 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion: 91 Resp: 227643
Ion Ratio Lower Upper
91 100
92 58.4 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0

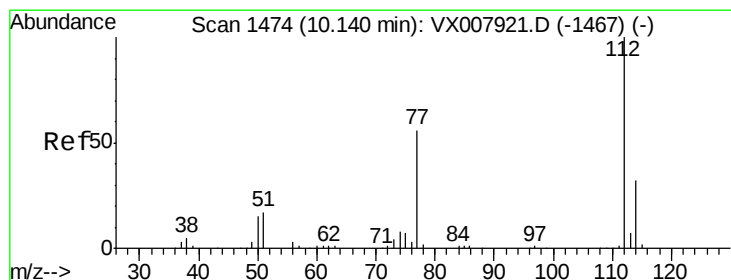
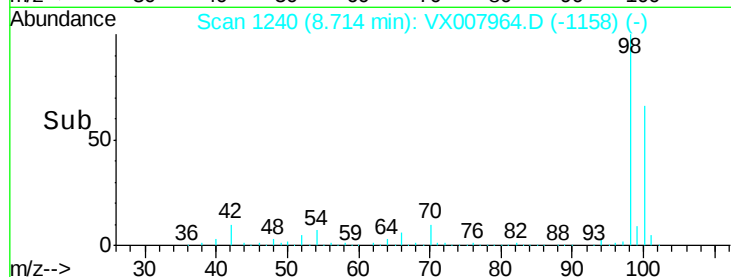
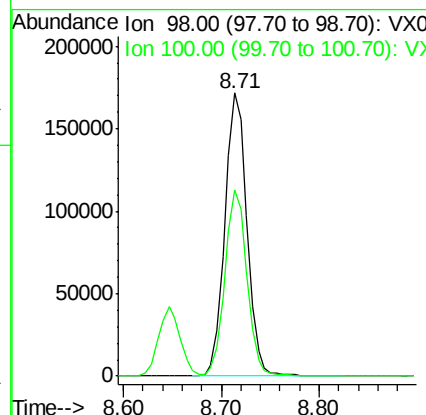
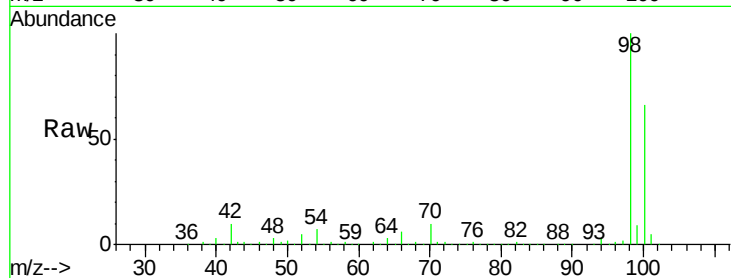




#63
Toluene-d8
Concen: 30.081 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

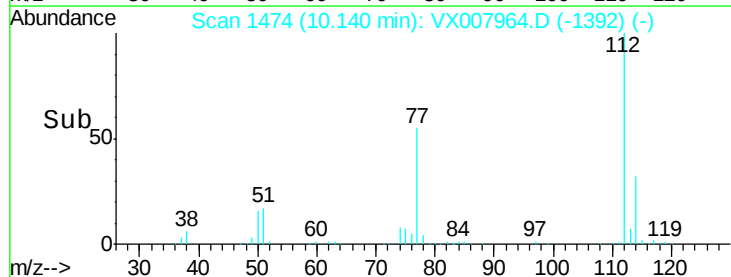
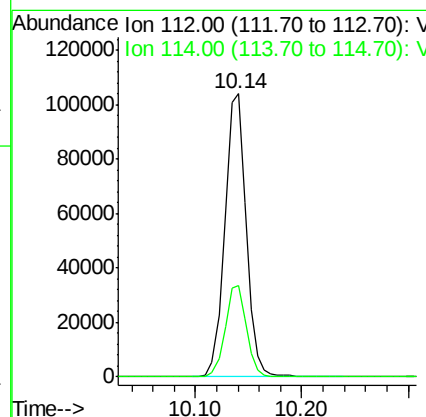
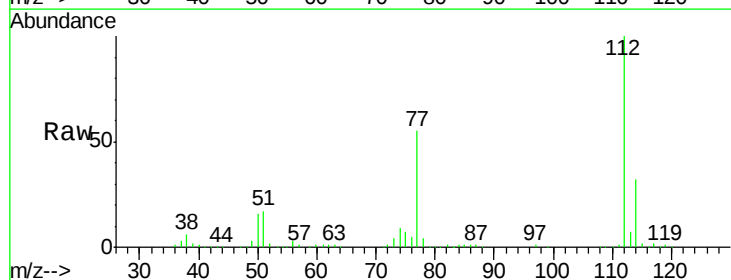
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

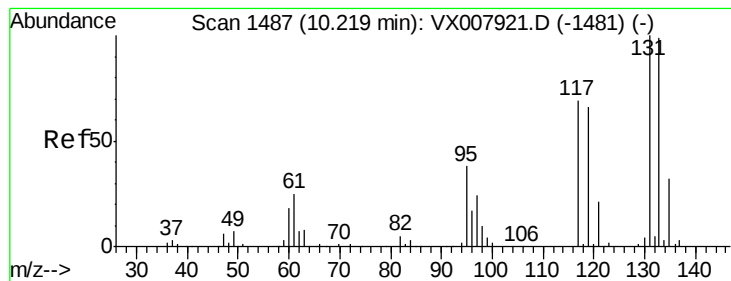
Tot Ion: 98 Resp: 270310
Ion Ratio Lower Upper
98 100
100 65.0 50.9 76.3



#64
Chlorobenzene
Concen: 19.946 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion: 112 Resp: 145758
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 20.728 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0311WBSD01

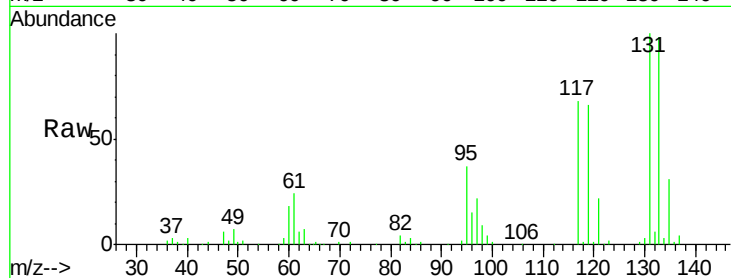
Tot Ion:131 Resp: 54234

Ion Ratio Lower Upper

131 100

133 96.0 0.0 191.6

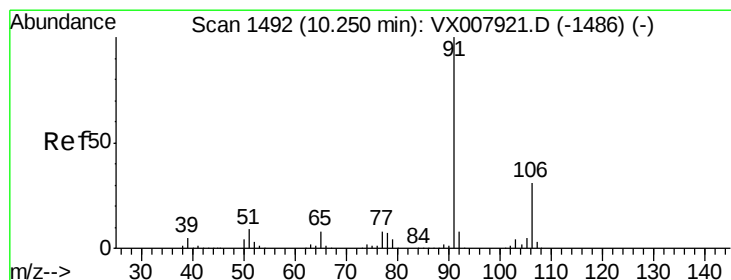
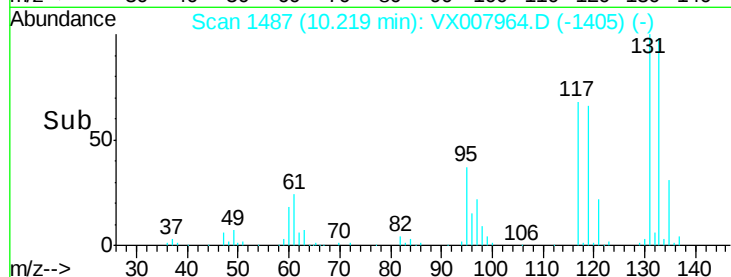
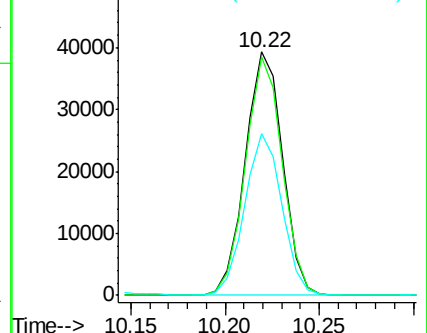
119 65.1 0.0 127.4



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: 19.612 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007964.D

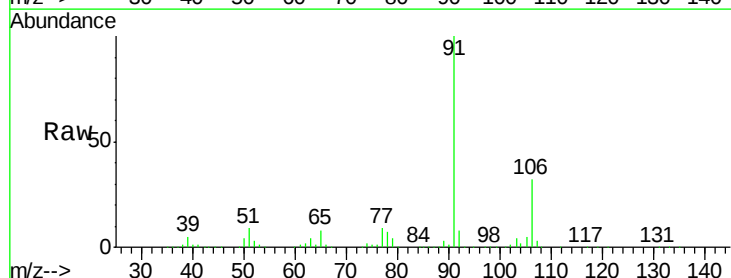
Acq: 11 Mar 2019 12:10

Tgt Ion: 91 Resp: 241534

Ion Ratio Lower Upper

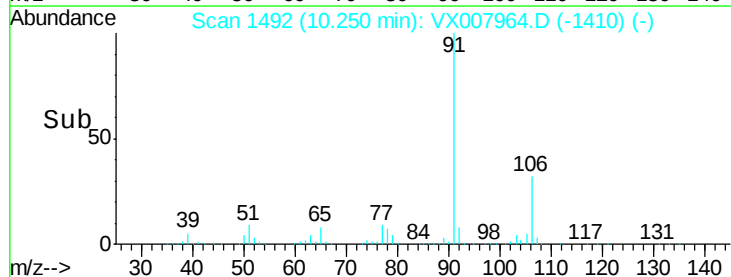
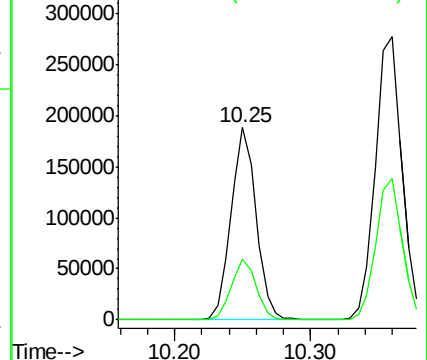
91 100

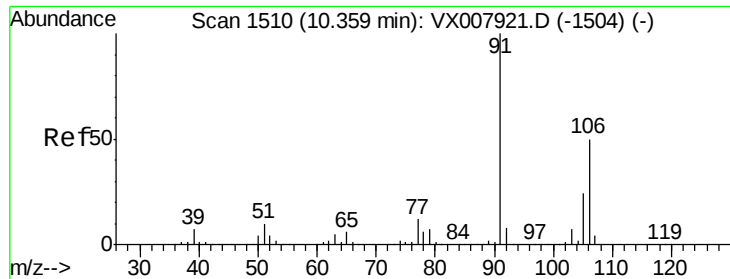
106 31.9 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

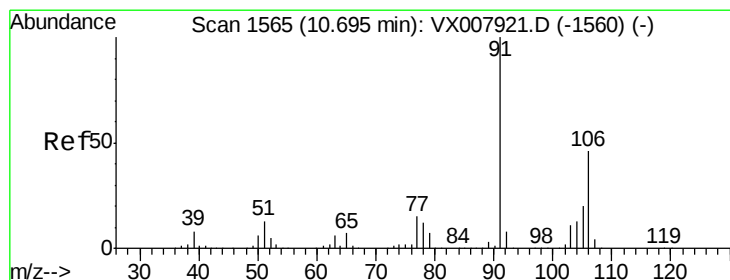
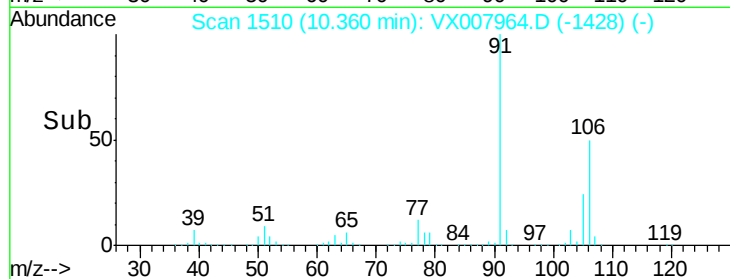
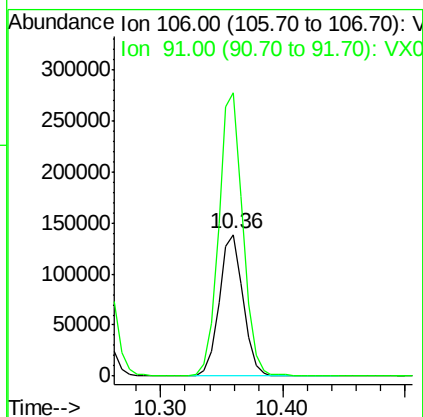
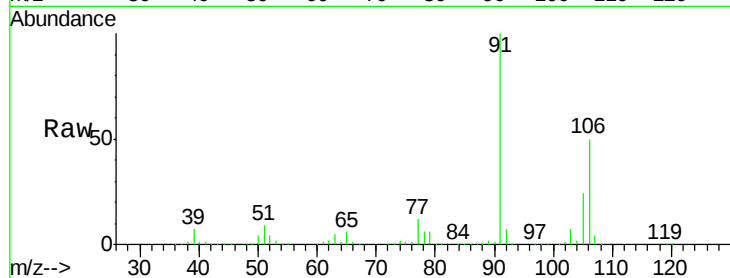




#67
m/p-Xvlenes
Concen: 39.787 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

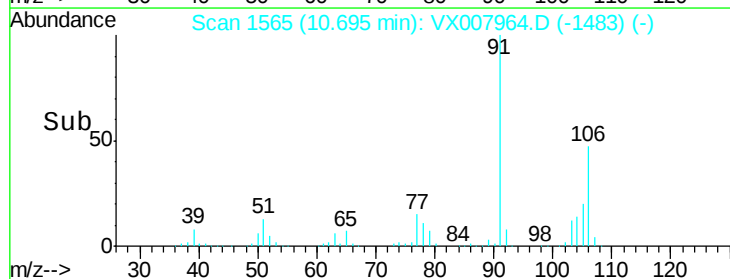
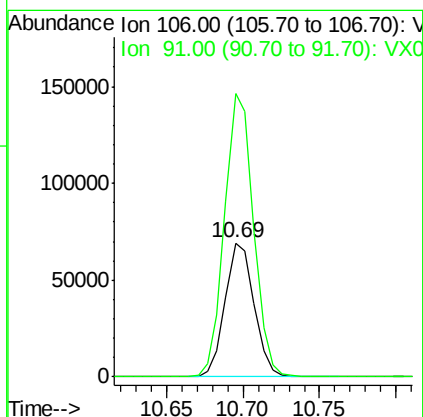
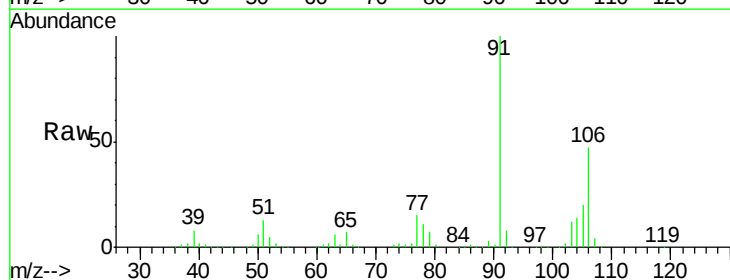
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

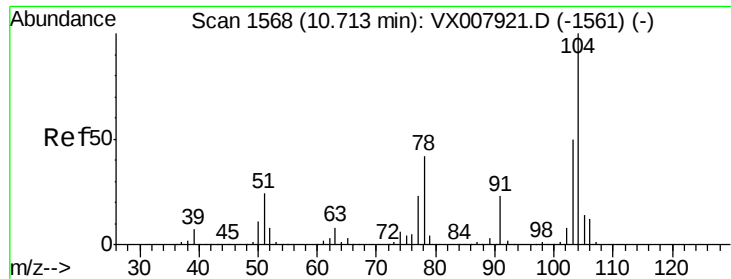
Tot Ion:106 Resp: 187887
Ion Ratio Lower Upper
106 100
91 200.9 157.0 235.4



#68
o-Xylene
Concen: 19.854 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion:106 Resp: 91042
Ion Ratio Lower Upper
106 100
91 210.8 104.4 313.2

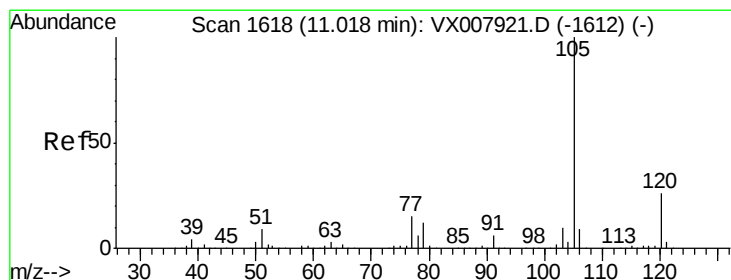
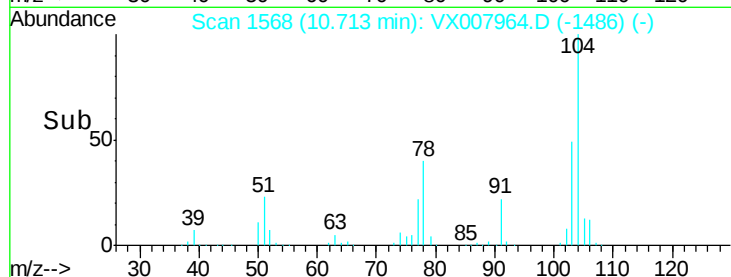
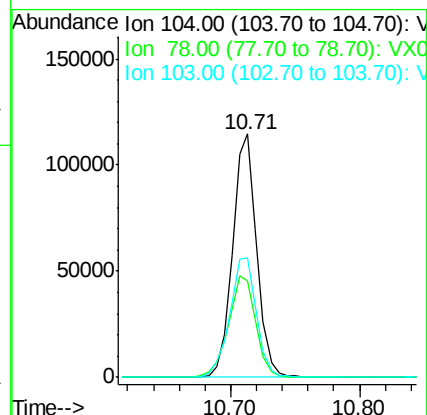
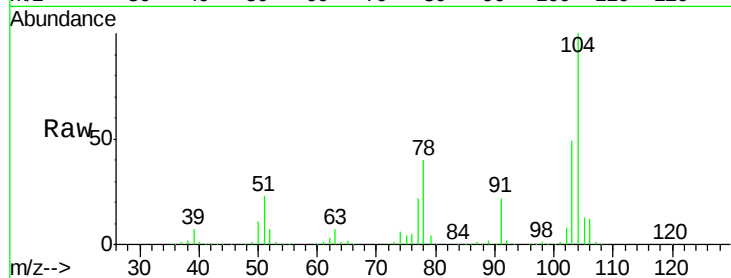




#69
Stvrene
Concen: 19.852 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

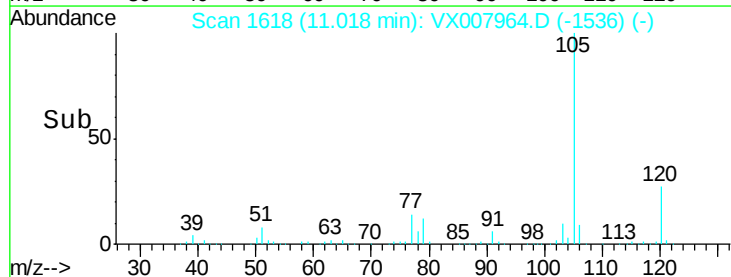
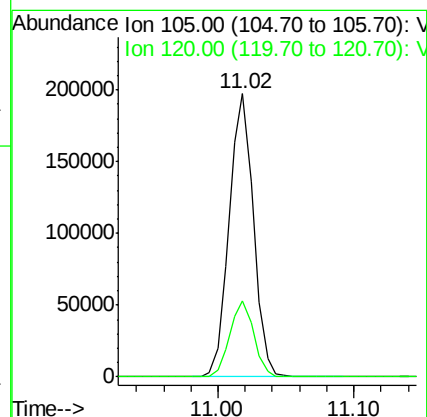
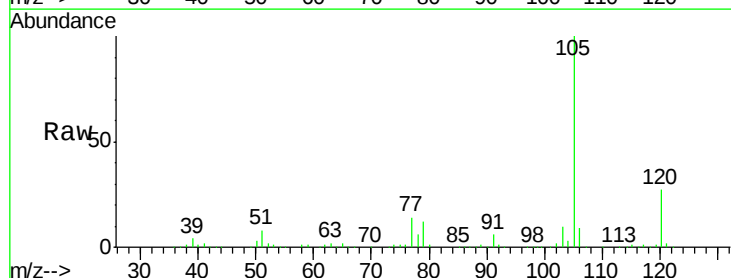
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

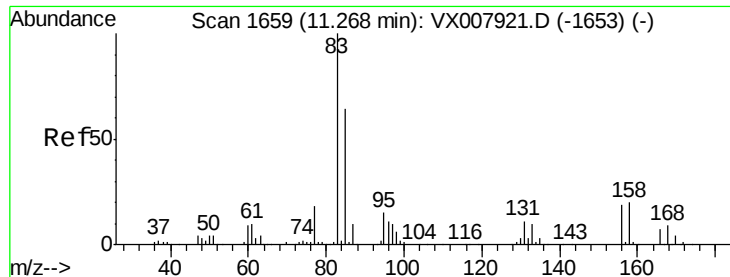
Tot Ion:104 Resp: 149993
Ion Ratio Lower Upper
104 100
78 47.4 38.2 57.2
103 54.9 45.0 67.4



#70
Isopropylbenzene
Concen: 19.944 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion:105 Resp: 244378
Ion Ratio Lower Upper
105 100
120 26.8 19.8 36.8

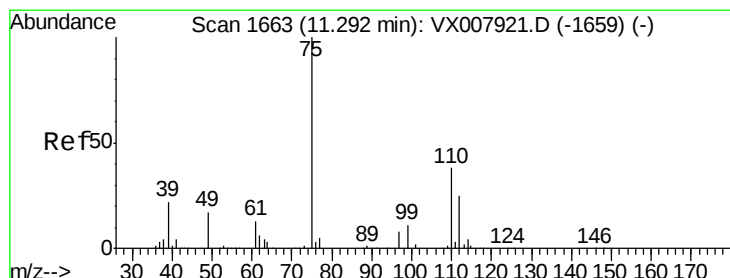
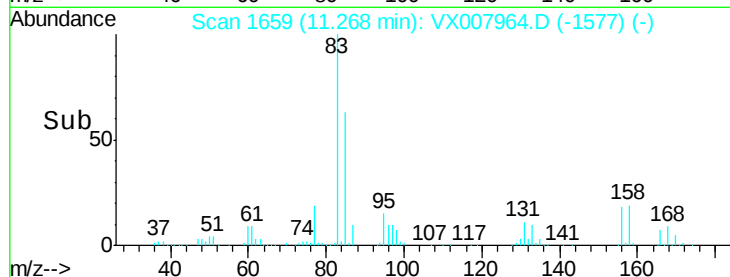
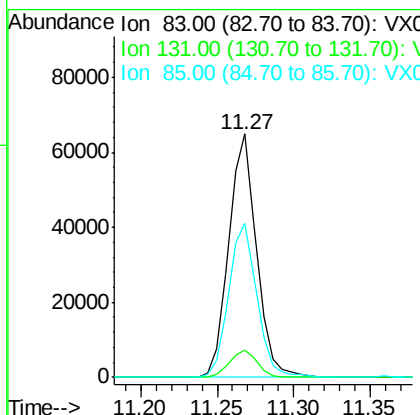
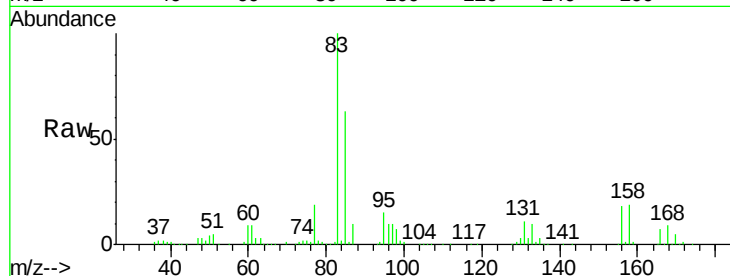




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.177 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

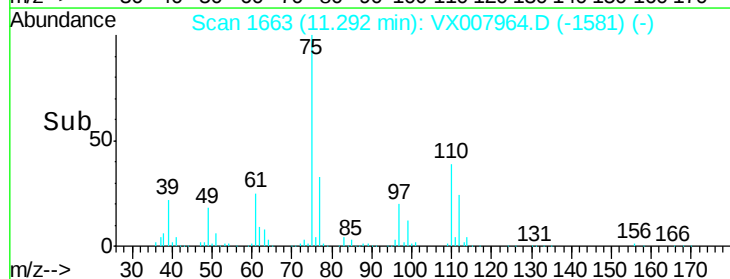
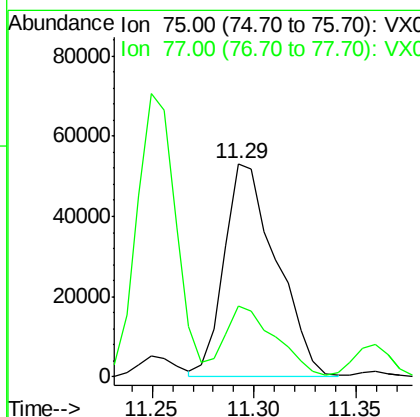
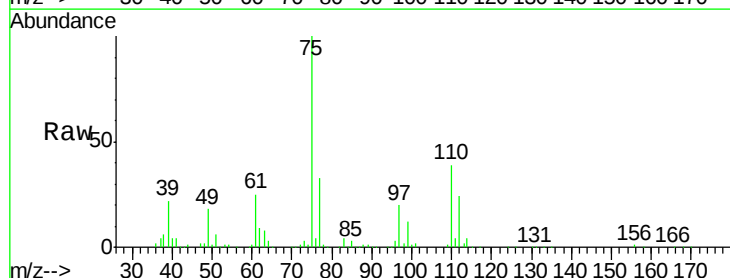
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

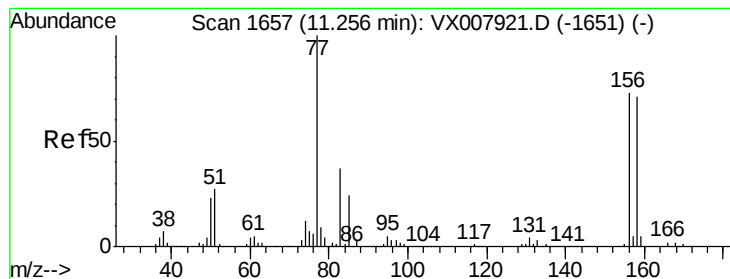
Tot Ion	83	Resp	81653
Ion Ratio	100		
Lower	5.4		
Upper	16.2		
85	64.7	32.8	98.4



#72
 1,2,3-Trichloropropane
 Concen: 24.737 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion	75	Resp	94360
Ion Ratio	100		
Lower	0.0		
Upper	76.4		
77	32.4		





#73

Bromobenzene

Concen: 20.294 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

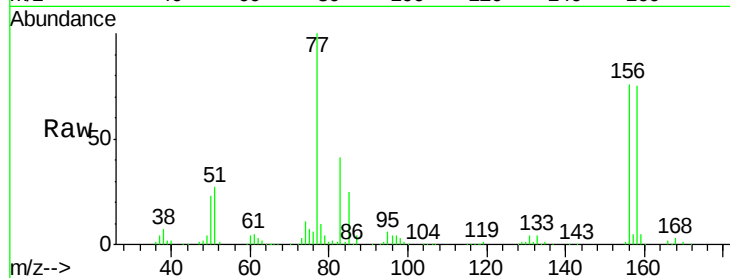
Tot Ion:156 Resp: 66110

Ion Ratio Lower Upper

156 100

77 140.4 0.0 271.4

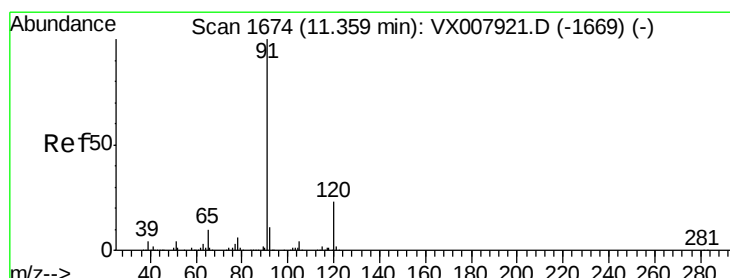
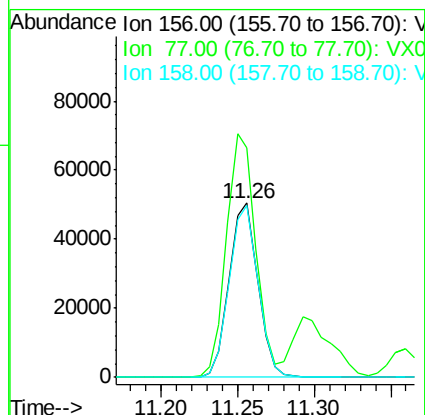
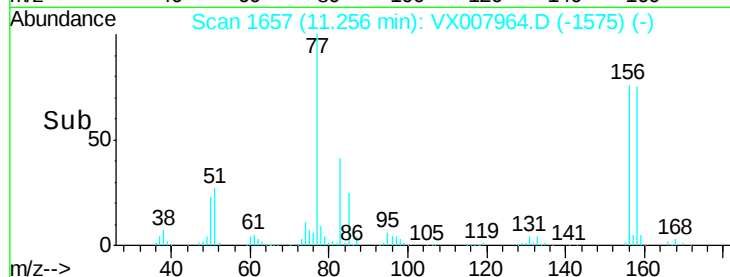
158 98.9 0.0 194.0



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: 19.694 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007964.D

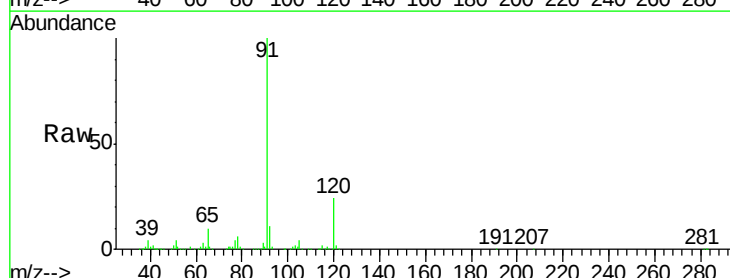
Acq: 11 Mar 2019 12:10

Tgt Ion: 91 Resp: 272205

Ion Ratio Lower Upper

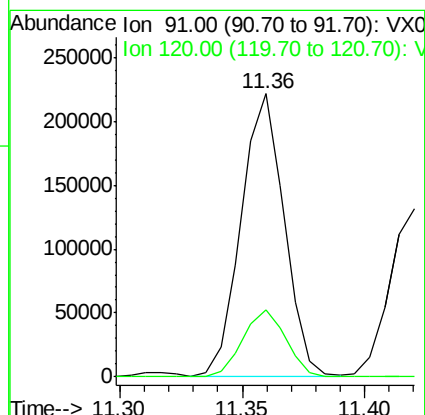
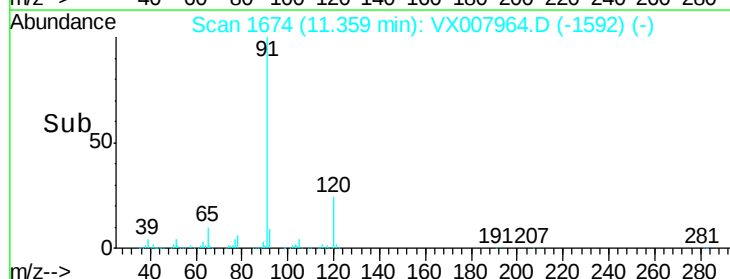
91 100

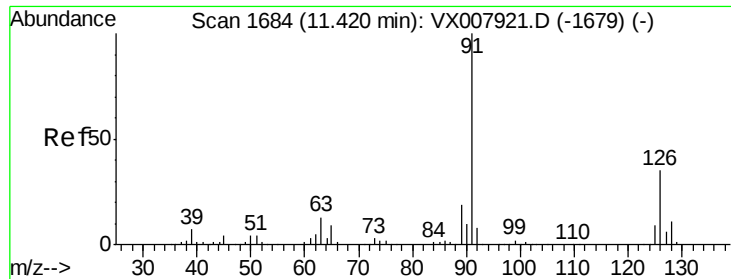
120 23.8 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.785 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

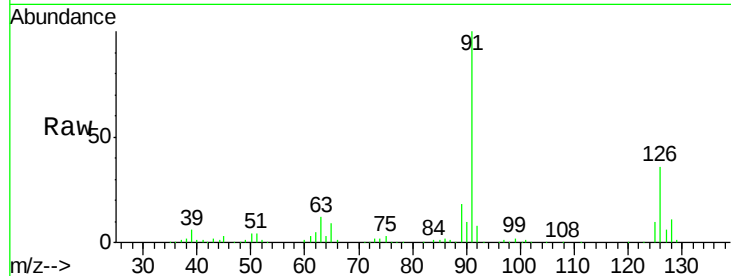
VX0311WBSD01

Tot Ion: 91 Resp: 163911

Ion Ratio Lower Upper

91 100

126 35.0 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX007921.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX007921.D (-1679) (-)

250000

200000

150000

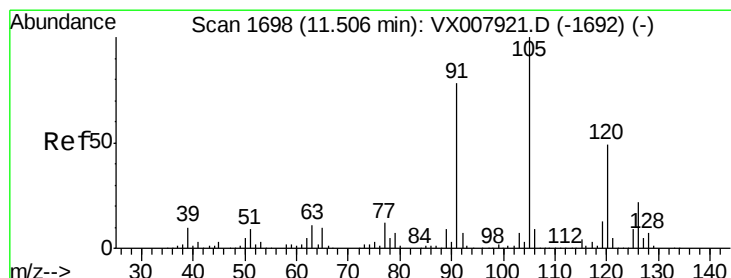
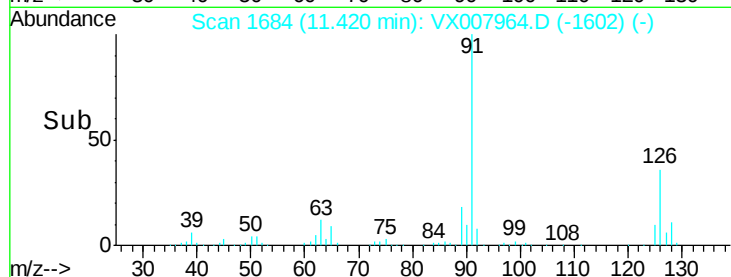
100000

50000

0

11.40 11.42 11.44 11.46

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.965 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007964.D

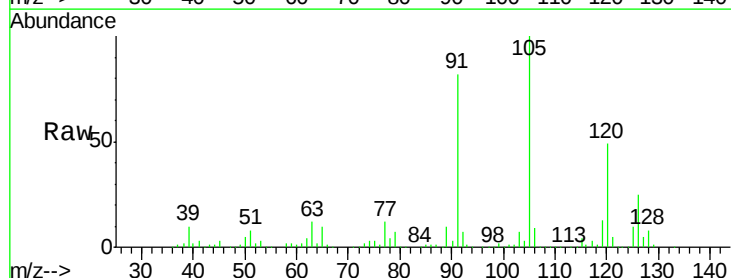
Acq: 11 Mar 2019 12:10

Tgt Ion: 105 Resp: 202742

Ion Ratio Lower Upper

105 100

120 49.1 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX007921.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007921.D (-1692) (-)

200000

150000

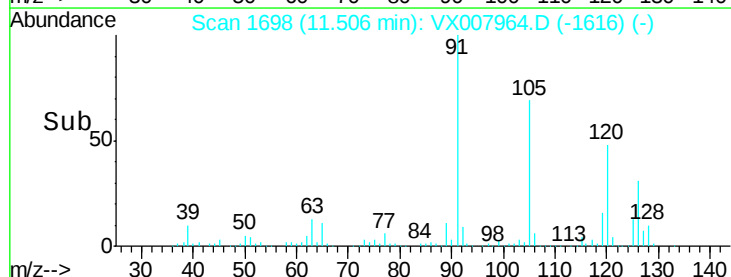
100000

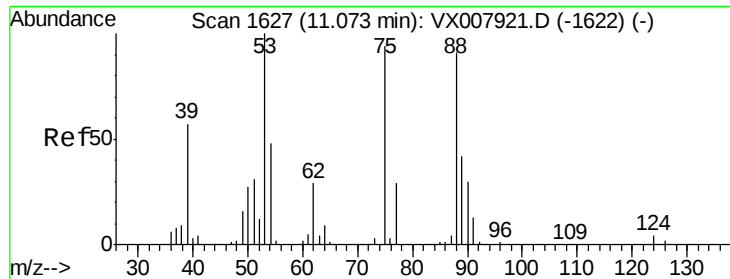
50000

0

11.45 11.50 11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 19.717 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

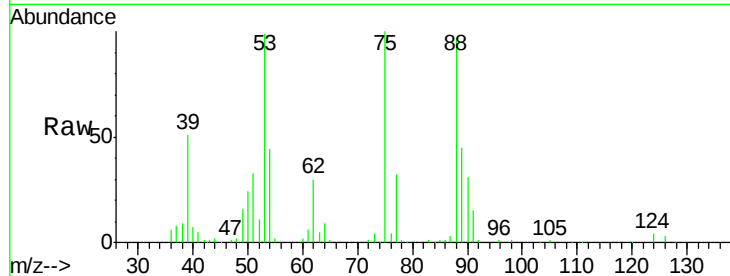
Tot Ion: 75 Resp: 23238

Ion Ratio Lower Upper

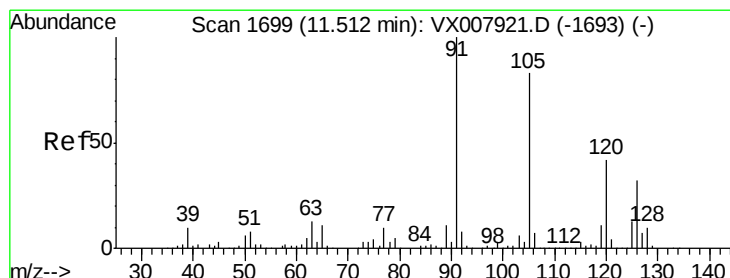
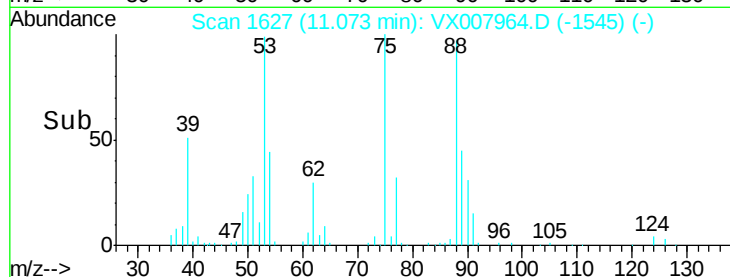
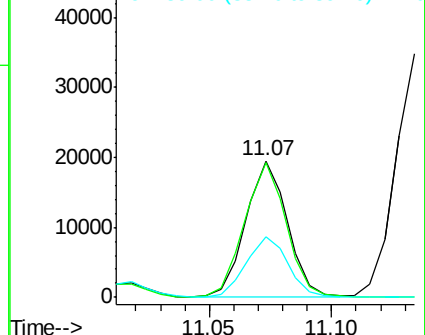
75 100

53 98.8 55.5 166.7

89 44.6 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.810 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007964.D

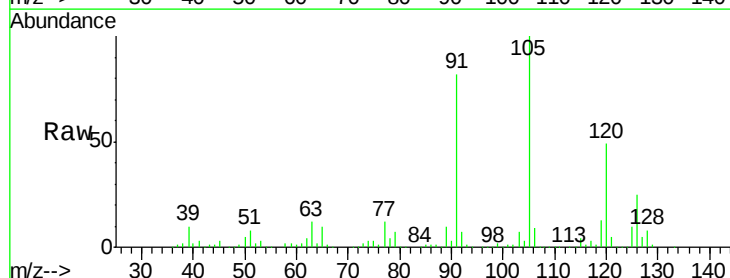
Acq: 11 Mar 2019 12:10

Tgt Ion: 91 Resp: 185549

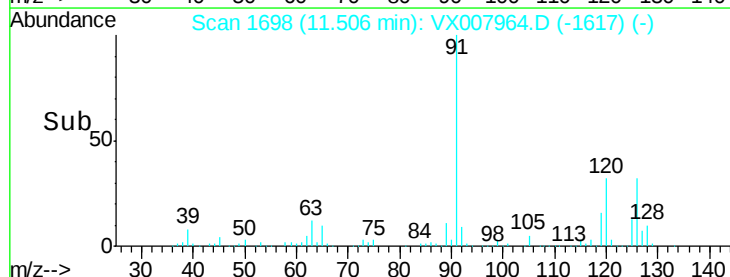
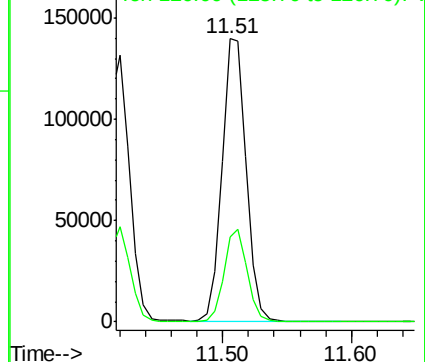
Ion Ratio Lower Upper

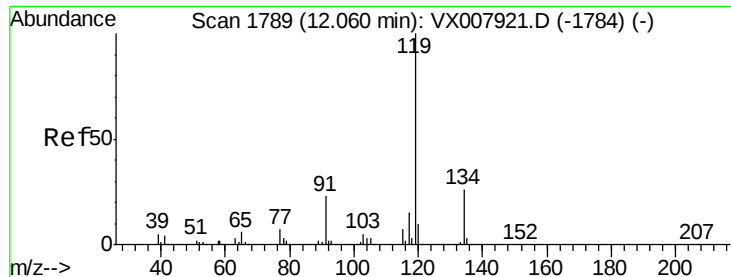
91 100

126 31.0 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V

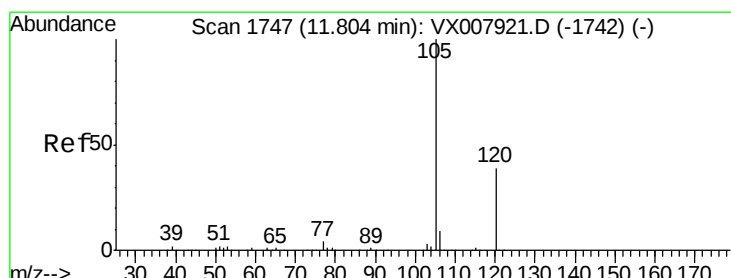
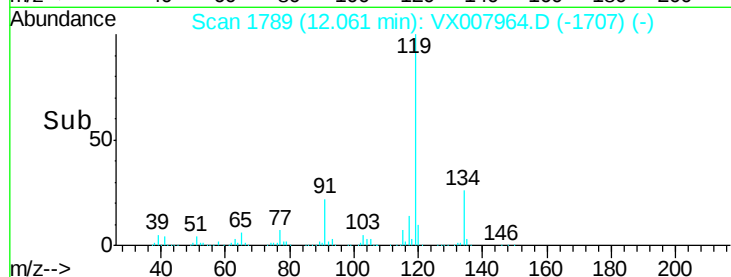
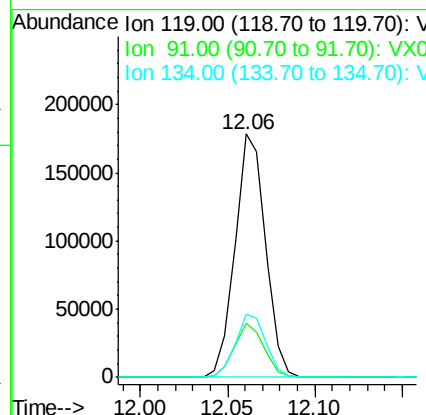
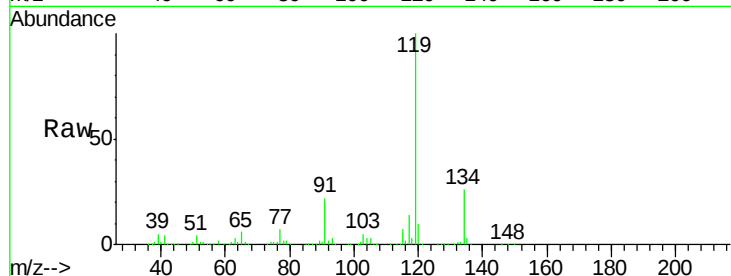




#79
tert-butylbenzene
Concen: 19.854 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

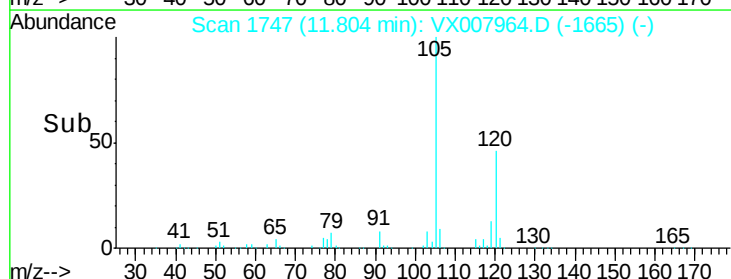
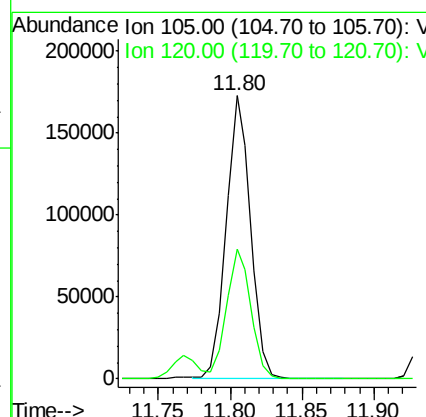
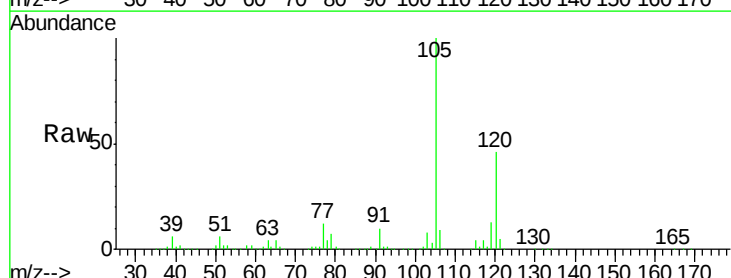
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

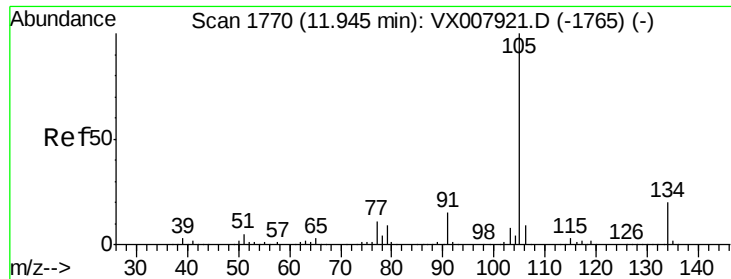
Tot Ion	Ratio	Lower	Upper
119	100		
91	21.9	0.0	45.0
134	25.9	0.0	55.4



#80
1,2,4-Trimethylbenzene
Concen: 20.001 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	0.0	94.0





#81

sec-Butylbenzene

Concen: 19.686 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

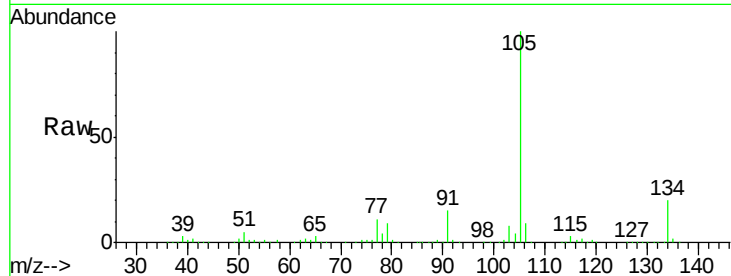
VX0311WBSD01

Tot Ion:105 Resp: 240292

Ion Ratio Lower Upper

105 100

134 20.5 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

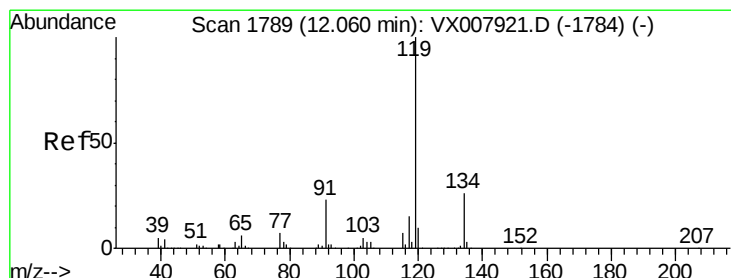
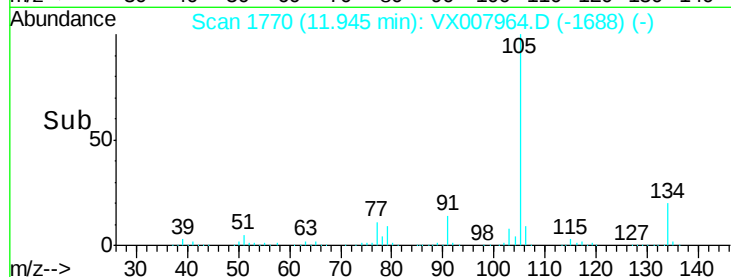
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 19.854 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

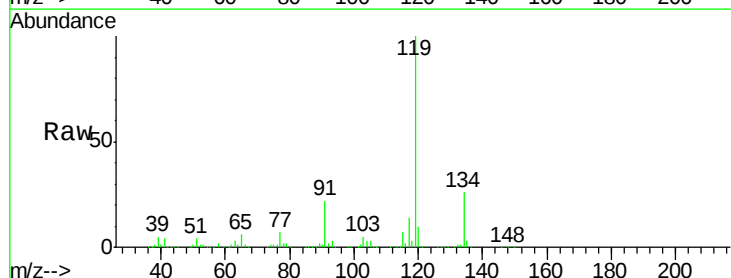
Tgt Ion:119 Resp: 216360

Ion Ratio Lower Upper

119 100

134 25.9 0.0 55.4

91 21.9 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

12.06

200000

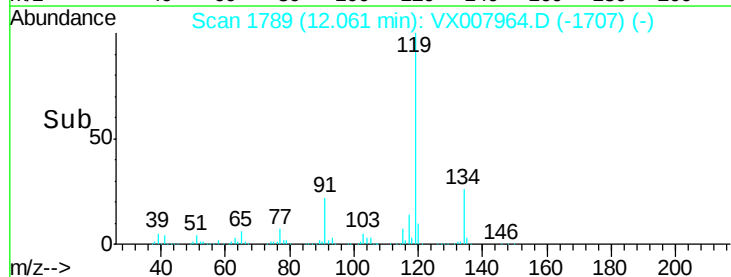
150000

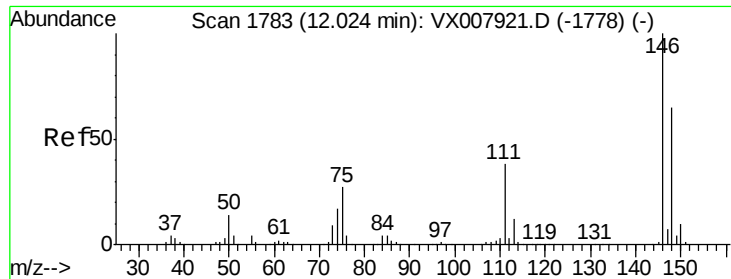
100000

50000

0

Time-->

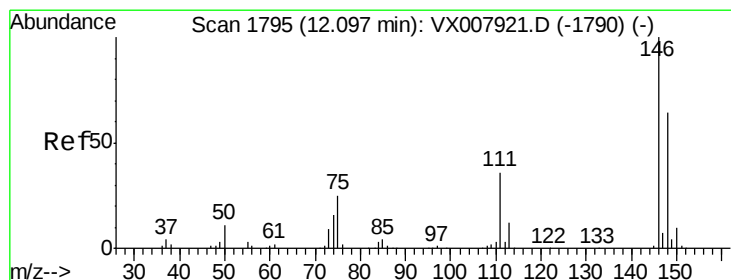
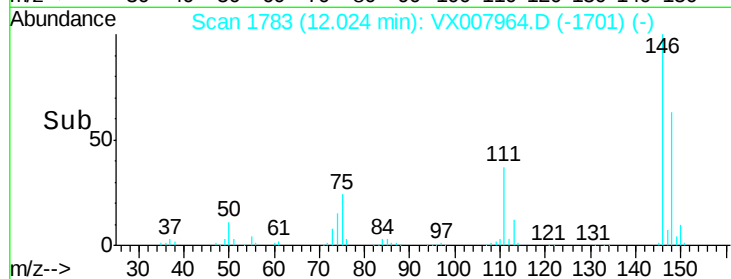
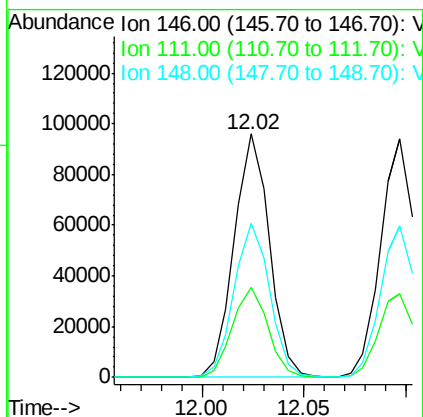
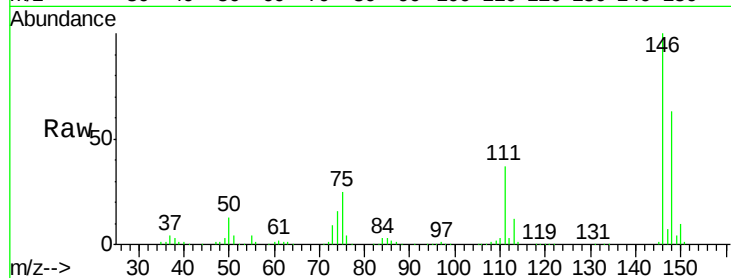




#83
 1,3-Dichlorobenzene
 Concen: 19.803 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

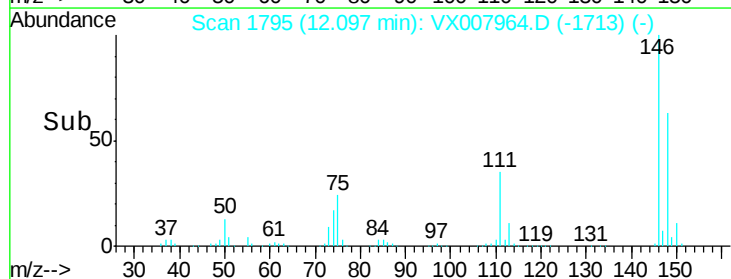
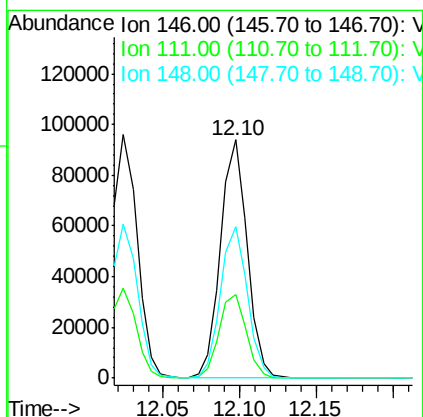
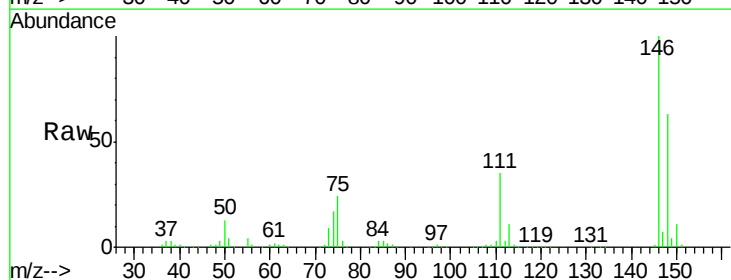
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

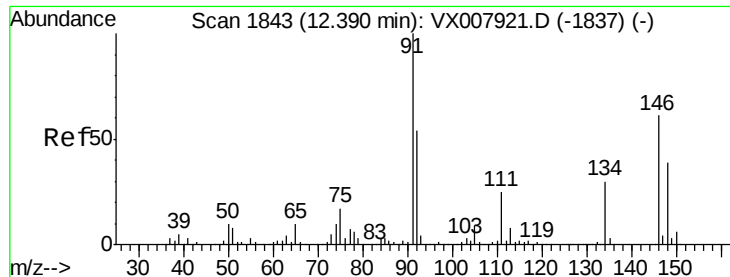
Tot Ion:146 Resp: 114856
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.8 56.3
 148 64.2 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 19.674 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion:146 Resp: 114163
 Ion Ratio Lower Upper
 146 100
 111 35.9 17.6 52.8
 148 63.9 31.4 94.2

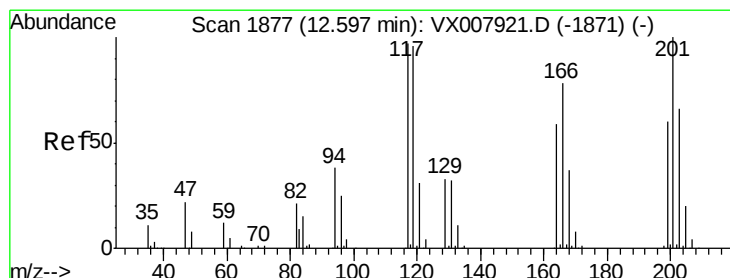
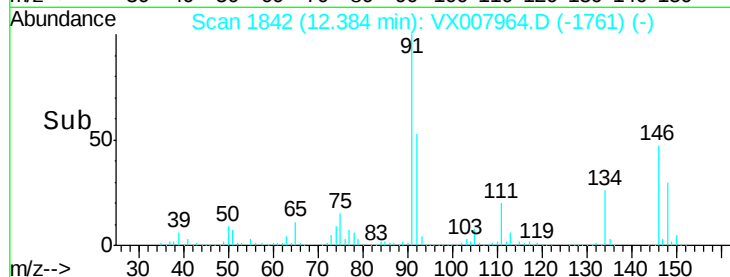
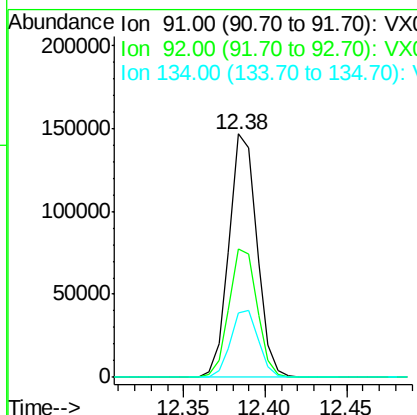
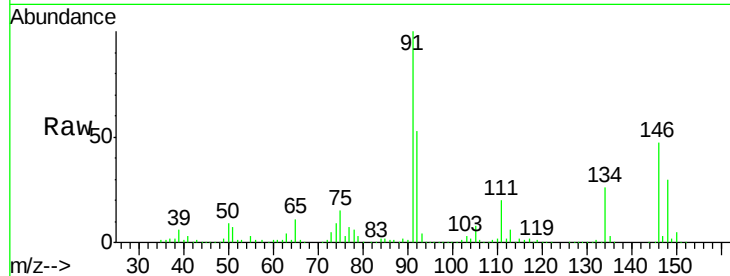




#85
n-Butylbenzene
Concen: 18.722 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

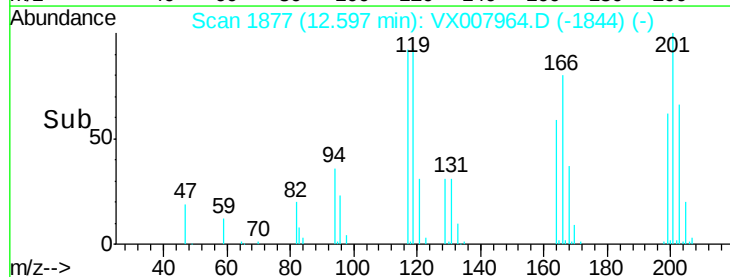
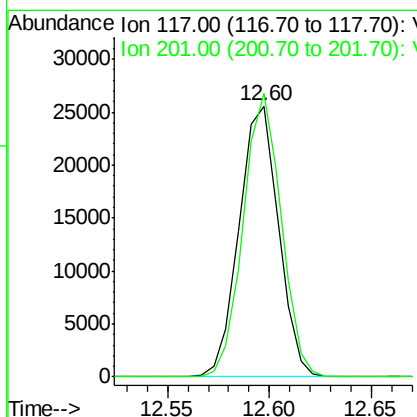
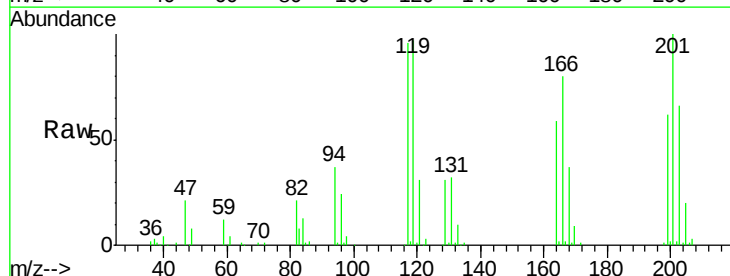
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

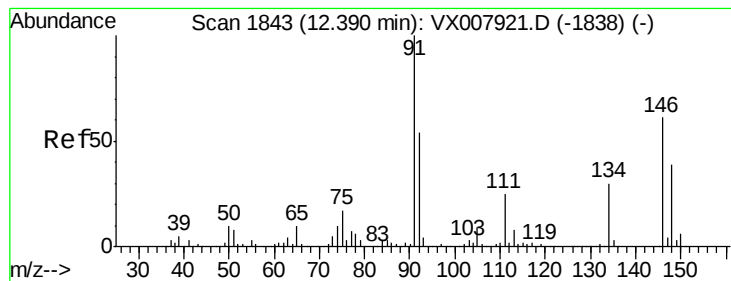
Tot Ion: 91 Resp: 174484
Ion Ratio Lower Upper
91 100
92 53.2 0.0 105.2
134 27.7 0.0 56.4



#86
Hexachloroethane
Concen: 19.387 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion: 117 Resp: 34424
Ion Ratio Lower Upper
117 100
201 100.5 41.1 123.3





#87

1,2-Dichlorobenzene

Concen: 19.941 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

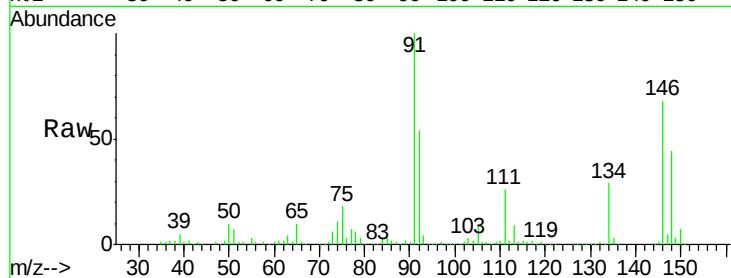
Tot Ion:146 Resp: 114302

Ion Ratio Lower Upper

146 100

111 39.3 19.3 57.8

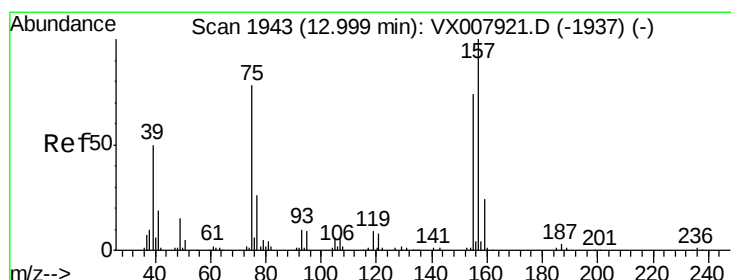
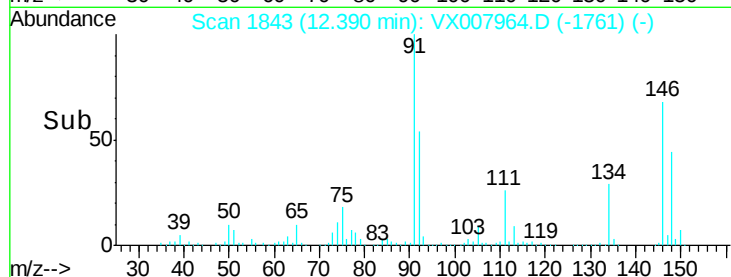
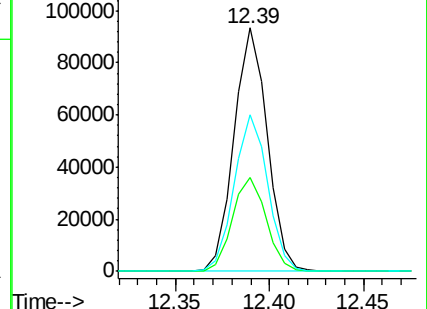
148 64.8 32.1 96.3



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



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.704 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

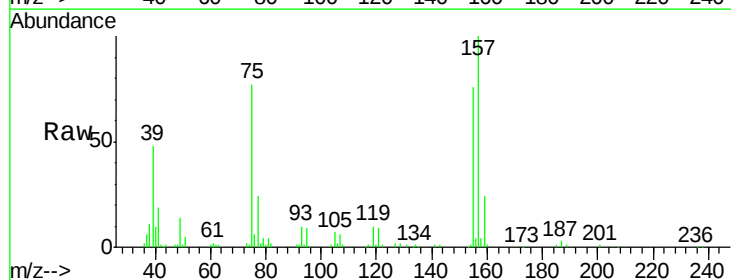
Tgt Ion: 75 Resp: 16288

Ion Ratio Lower Upper

75 100

155 102.1 81.0 121.6

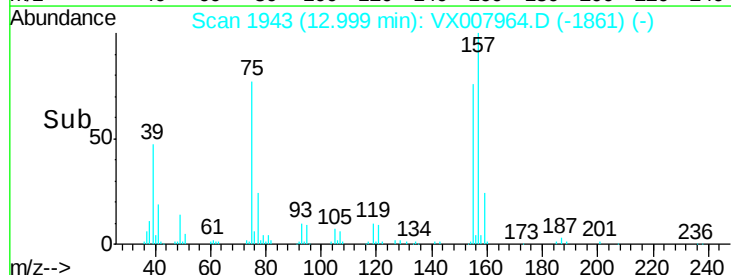
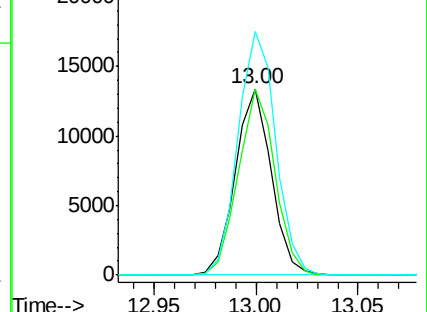
157 137.2 103.2 154.8

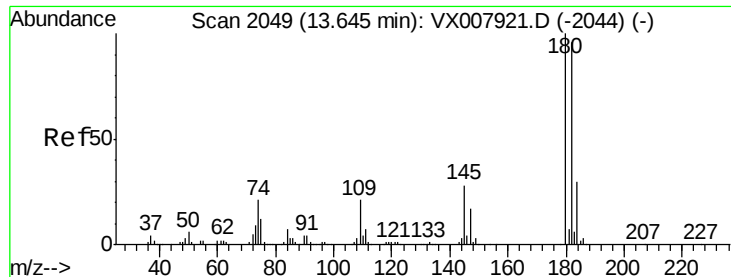


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

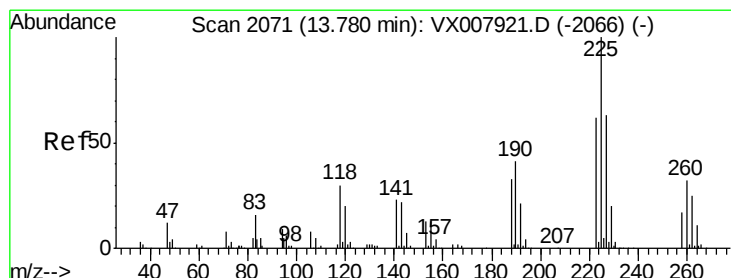
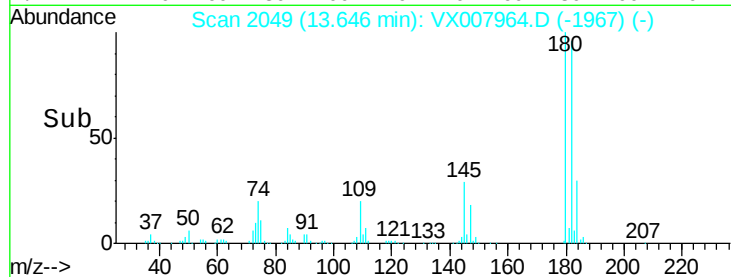
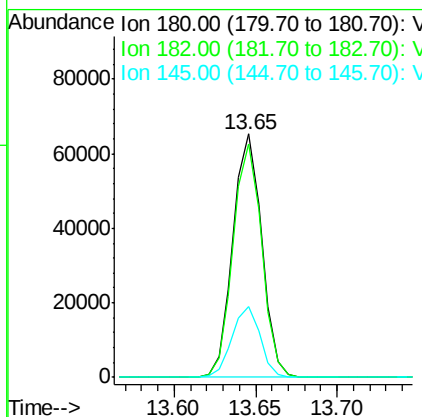
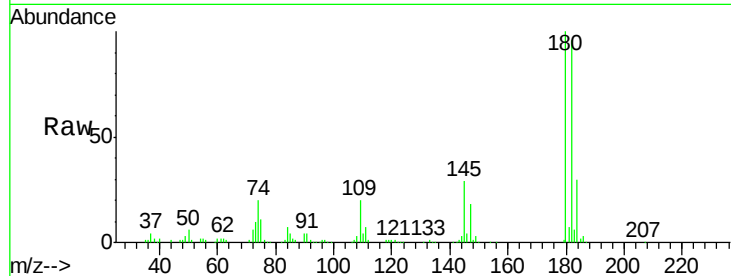




#89
 1,2,4-Trichlorobenzene
 Concen: 19.546 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

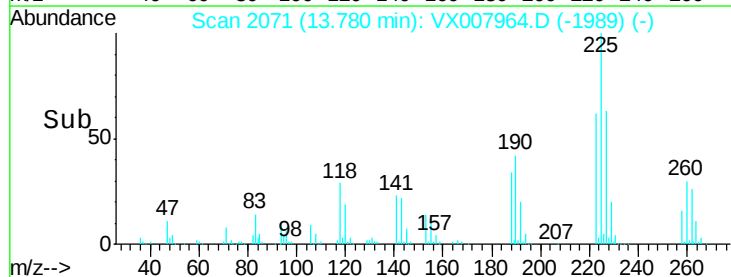
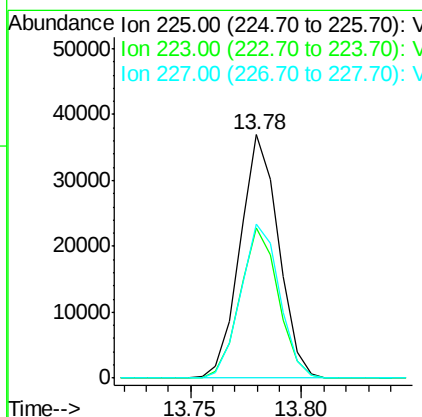
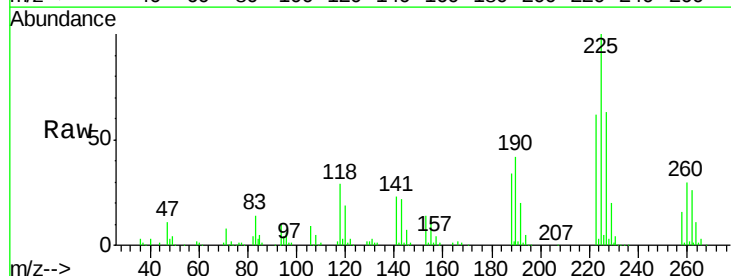
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

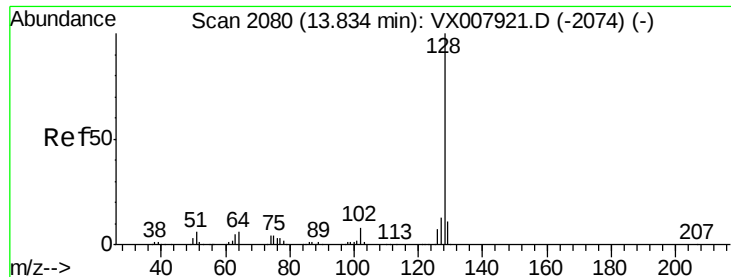
Tot Ion:180 Resp: 80516
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.6 113.4
 145 28.3 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 19.627 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion:225 Resp: 44592
 Ion Ratio Lower Upper
 225 100
 223 61.6 0.0 123.8
 227 64.2 0.0 124.4

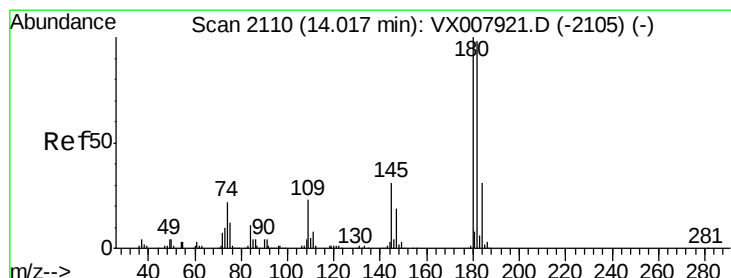
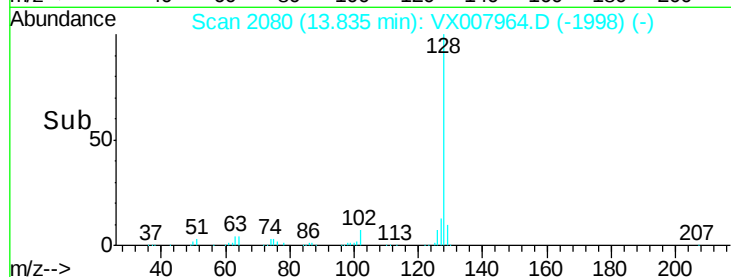
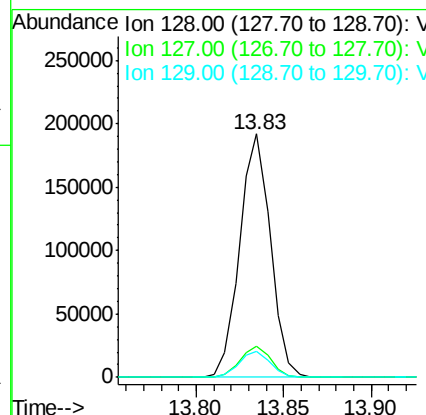
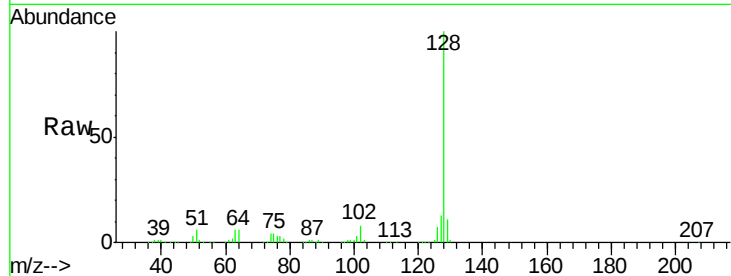




#91
Naphthalene
Concen: 19.889 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tot Ion:128 Resp: 234856
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.654 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion:180 Resp: 80473
Ion Ratio Lower Upper
180 100
182 95.8 0.0 193.0
145 30.5 0.0 63.0

