

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
 Data File : VX008170.D
 Acq On : 18 Mar 2019 17:20
 Operator : JC/SP
 Sample : VX0318WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

Quant Time: Mar 19 02:41:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 14:34:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	51762	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	290081	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	249694	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	131358	30.51	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.70%
60) 4-Bromofluorobenzene	11.13	95	123863	29.72	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.07%
63) Toluene-d8	8.71	98	367984	30.33	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	42349	18.259	ug/l 98
3) Chloromethane	1.33	50	53438	18.278	ug/l 94
4) Vinyl Chloride	1.41	62	54886	18.206	ug/l 100
5) Bromomethane	1.64	94	34064	14.191	ug/l 100
6) Chloroethane	1.73	64	34472	18.291	ug/l 98
7) Trichlorofluoromethane	1.93	101	70022	18.447	ug/l 99
8) Diethyl Ether	2.19	74	39229	19.140	ug/l 83
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48745	18.932	ug/l 92
10) 1,1-Dichloroethene	2.38	96	46345	19.054	ug/l 83
11) Methyl Iodide	2.51	142	57911	18.706	ug/l 98
12) Methyl Acetate	2.78	43	77923	19.574	ug/l 91
13) Acrolein	2.29	56	47974	78.364	ug/l 98
14) Acrylonitrile	3.14	53	165510	93.695	ug/l 99
15) Acetone	2.45	58	48814	86.005	ug/l 87
16) Carbon Disulfide	2.57	76	142787	18.415	ug/l 100
17) Allyl chloride	2.73	41	98404	18.511	ug/l 96
18) Methylene Chloride	2.86	84	54654	19.284	ug/l 86
19) trans-1,2-Dichloroethene	3.17	96	50010	19.139	ug/l 96
20) Diisopropyl ether	3.86	45	201293	19.335	ug/l # 93
21) 1,1-Dichloroethane	3.70	63	102967	19.380	ug/l 95
22) cis-1,2-Dichloroethene	4.60	96	57512	19.306	ug/l # 82
23) tert-Butyl Alcohol	3.04	59	62147	95.493	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	169762	19.240	ug/l 97
25) Chloroform	5.21	83	97152	19.383	ug/l 94
26) Cyclohexane	5.59	56	94544	18.665	ug/l # 85
29) 1,1-Dichloropropene	5.81	75	72109	18.678	ug/l 94
30) 2-Butanone	4.68	43	244744	90.434	ug/l 95
31) 2,2-Dichloropropane	4.59	77	71904	18.466	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	79305	19.393	ug/l # 94
33) Carbon Tetrachloride	5.79	117	65018	18.945	ug/l 97
34) Benzene	6.15	78	222146	19.242	ug/l # 97
35) Methacrylonitrile	5.04	41	26169	9.939	ug/l 89
36) 1,2-Dichloroethane	6.20	62	82913	19.787	ug/l 97
37) Trichloroethene	7.21	130	51997	18.901	ug/l 81
38) Methylcyclohexane	7.46	83	83890	17.889	ug/l 89
39) 1,2-Dichloropropane	7.51	63	61600	19.592	ug/l 97
40) Dibromomethane	7.66	93	37608	19.537	ug/l 89

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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)

41) Bromodichloromethane	7.90	83	71452	19.196	ug/l	96
42) Vinyl Acetate	3.82	43	876961	96.352	ug/l #	94
43) Ethyl Acetate	4.84	43	91731	19.118	ug/l #	84
44) Isopropyl Acetate	6.45	43	139665	18.767	ug/l	99
45) 1,4-Dioxane	7.74	88	26685	383.845	ug/l #	85
46) Methyl methacrylate	7.77	41	74392	18.945	ug/l	89
47) n-amyl Acetate	10.90	43	117721	18.512	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	74585	18.129	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	85922	18.772	ug/l	93
50) 1,1,2-Trichloroethane	9.21	97	55513	20.086	ug/l	95
51) Ethyl methacrylate	9.18	69	85710	19.130	ug/l	90
52) 1,3-Dichloropropane	9.37	76	95716	19.342	ug/l	100
53) Dibromochloromethane	9.58	129	50309	18.826	ug/l	100
54) 1,2-Dibromoethane	9.67	107	55993	19.412	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	318925	99.983	ug/l	95
56) Bromoform	10.86	173	35127	18.270	ug/l #	97
58) 4-Methyl-2-Pentanone	8.64	43	471466	98.727	ug/l	96
59) 2-Hexanone	9.49	43	359286	95.359	ug/l	97
61) Tetrachloroethene	9.34	164	50767	20.188	ug/l	96
62) Toluene	8.79	91	229856	19.465	ug/l	99
64) Chlorobenzene	10.14	112	134881	19.192	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	48621	19.729	ug/l	97
66) Ethyl Benzene	10.25	91	240854	19.096	ug/l	96
67) m/p-Xylenes	10.36	106	176152	37.805	ug/l	90
68) o-Xylene	10.70	106	85825	19.168	ug/l	91
69) Styrene	10.71	104	139833	19.173	ug/l	96
70) Isopropylbenzene	11.02	105	230569	19.098	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.27	83	85480	20.213	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	99593	27.310	ug/l	88
73) Bromobenzene	11.26	156	54917	19.215	ug/l	81
74) n-propylbenzene	11.36	91	266451	18.641	ug/l	95
75) 2-Chlorotoluene	11.42	91	164227	19.557	ug/l	91
76) 1,3,5-Trimethylbenzene	11.51	105	191206	19.152	ug/l	95
77) t-1,4-Dichloro-2-butene	11.07	75	24059	18.360	ug/l	93
78) 4-Chlorotoluene	11.51	91	183436	18.964	ug/l	92
79) tert-butylbenzene	12.06	119	190015	18.690	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	193006	19.153	ug/l	95
81) sec-Butylbenzene	11.94	105	225357	18.902	ug/l	96
82) p-Isopropyltoluene	12.06	119	190015	18.690	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	95743	18.694	ug/l	95
84) 1,4-Dichlorobenzene	12.10	146	94927	18.675	ug/l	94
85) n-Butylbenzene	12.38	91	171917	17.933	ug/l	96
86) Hexachloroethane	12.60	117	32303	18.536	ug/l	94
87) 1,2-Dichlorobenzene	12.39	146	97428	19.091	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	13.00	75	17126	18.287	ug/l #	76
89) 1,2,4-Trichlorobenzene	13.65	180	61549	18.515	ug/l	98
90) Hexachlorobutadiene	13.78	225	31160	18.062	ug/l	98
91) Naphthalene	13.83	128	202296	18.788	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	61905	18.644	ug/l	99

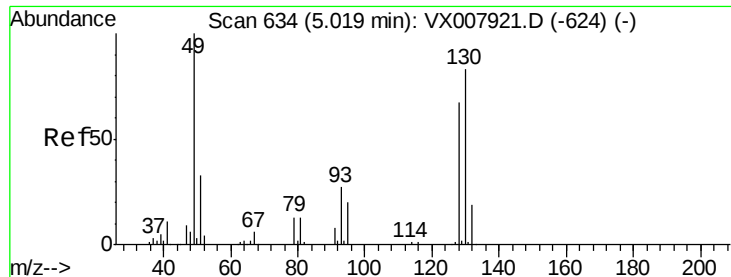
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
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QLast Update : Mon Mar 18 14:34:46 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = 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: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

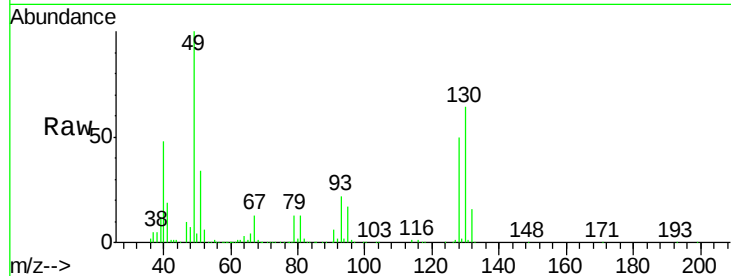
Tot Ion:128 Resp: 51762

Ion Ratio Lower Upper

128 100

49 200.4 0.0 350.8

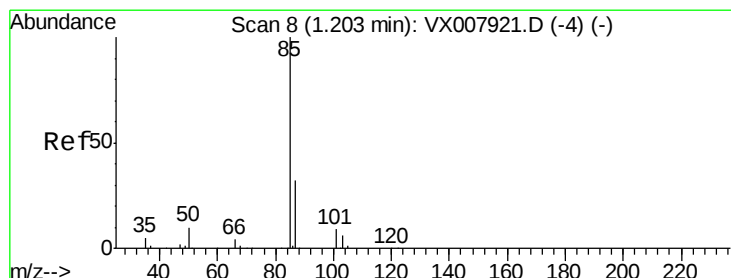
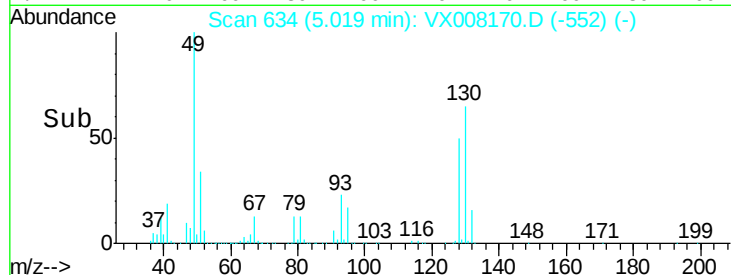
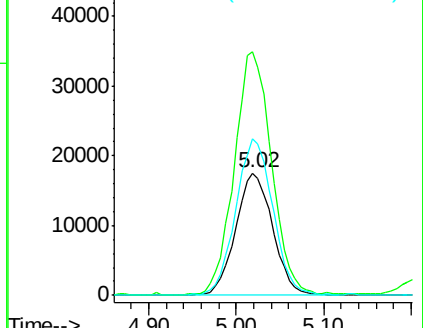
130 128.3 0.0 325.8



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: 18.259 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008170.D

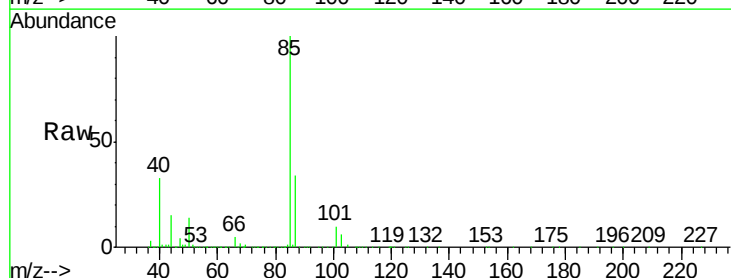
Acq: 18 Mar 2019 17:20

Tgt Ion: 85 Resp: 42349

Ion Ratio Lower Upper

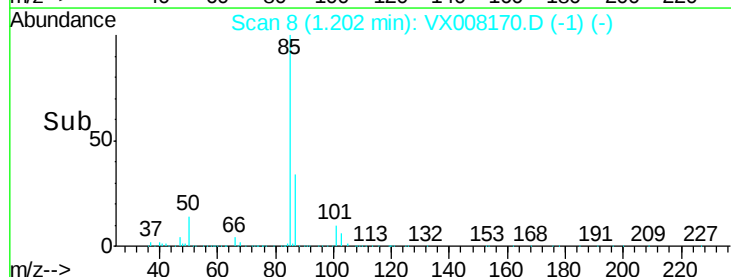
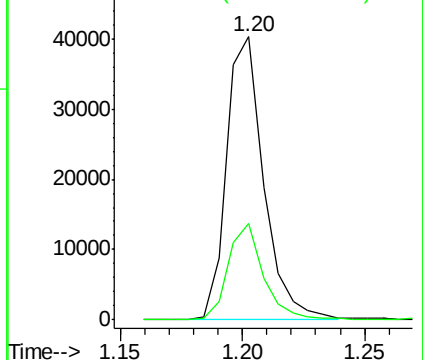
85 100

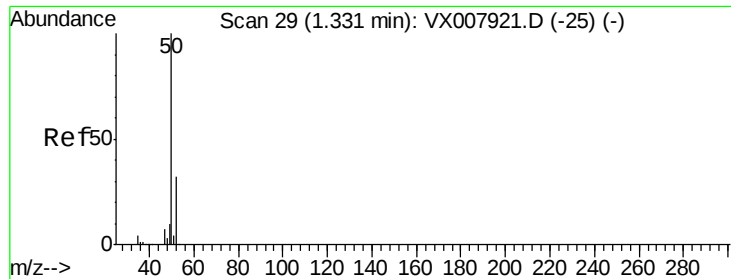
87 34.1 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.278 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

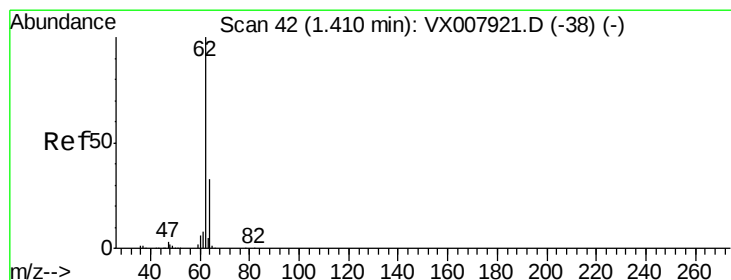
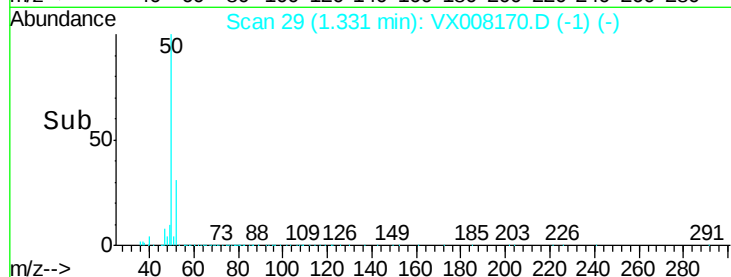
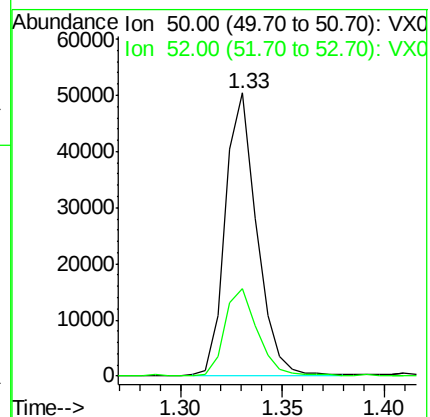
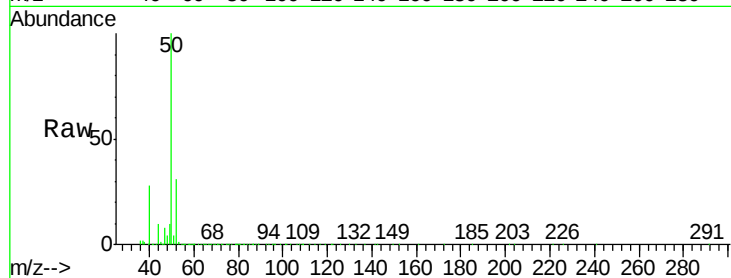
VX0318WBSD01

Tot Ion: 50 Resp: 53438

Ion Ratio Lower Upper

50 100

52 31.0 27.5 41.3



#4

Vinyl Chloride

Concen: 18.206 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008170.D

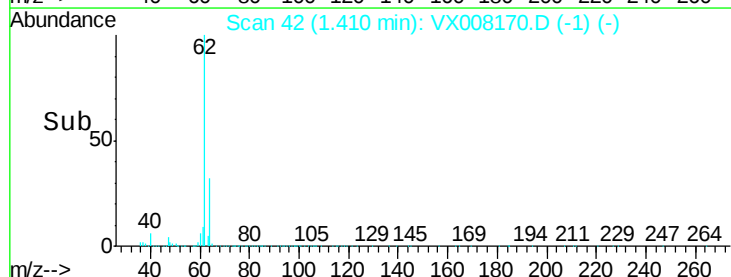
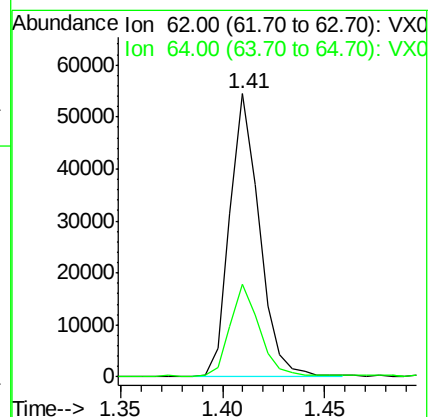
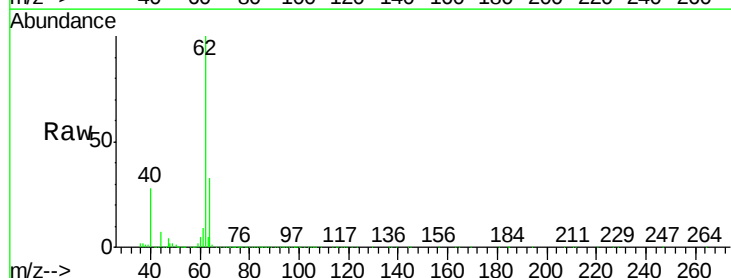
Acq: 18 Mar 2019 17:20

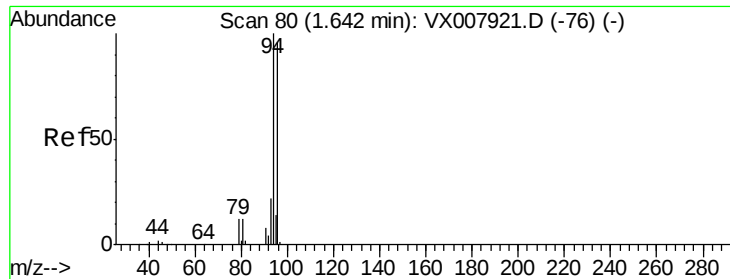
Tgt Ion: 62 Resp: 54886

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9





#5

Bromomethane

Concen: 14.191 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

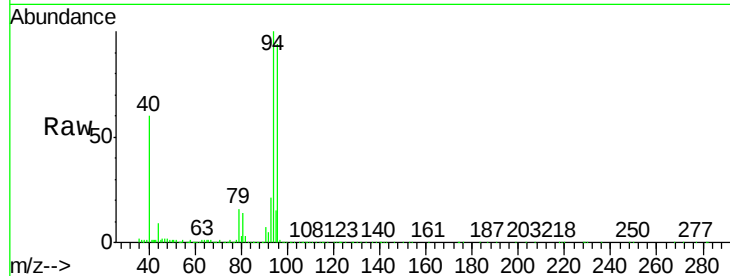
VX0318WBSD01

Tot Ion: 94 Resp: 34064

Ion Ratio Lower Upper

94 100

96 94.6 75.6 113.4

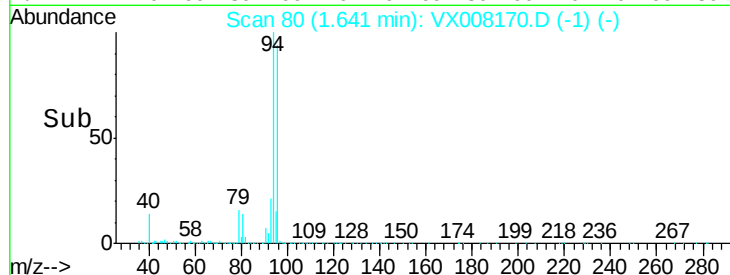


Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

Time-->



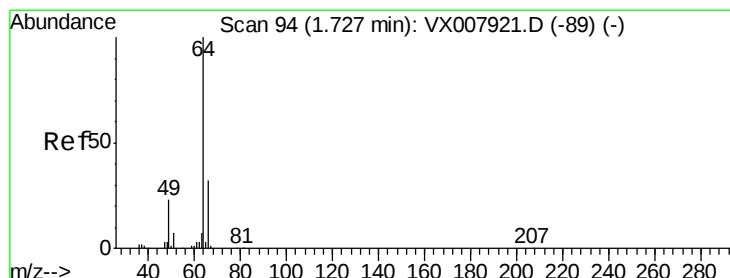
Abundance

Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

Time-->



#6

Chloroethane

Concen: 18.291 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX008170.D

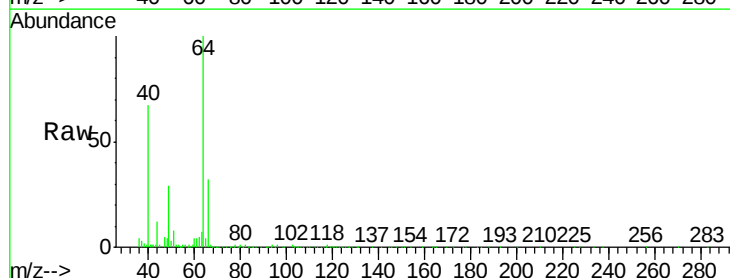
Acq: 18 Mar 2019 17:20

Tgt Ion: 64 Resp: 34472

Ion Ratio Lower Upper

64 100

66 31.2 23.9 35.9

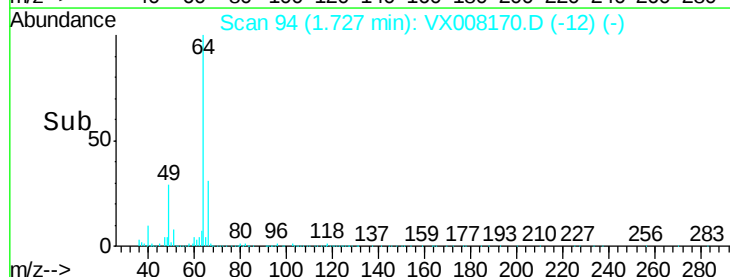


Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.73

Time-->



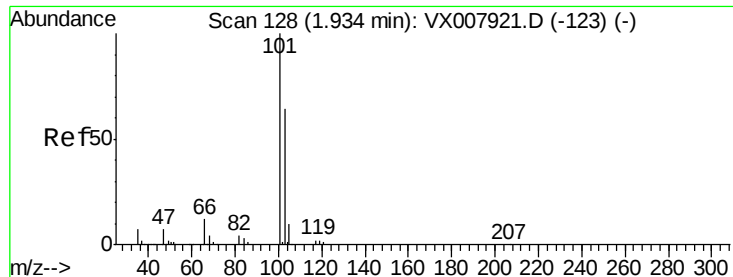
Abundance

Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.73

Time-->

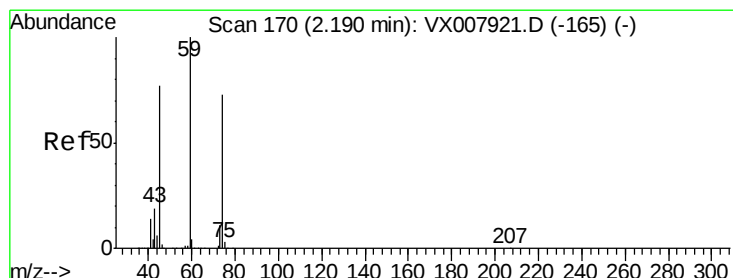
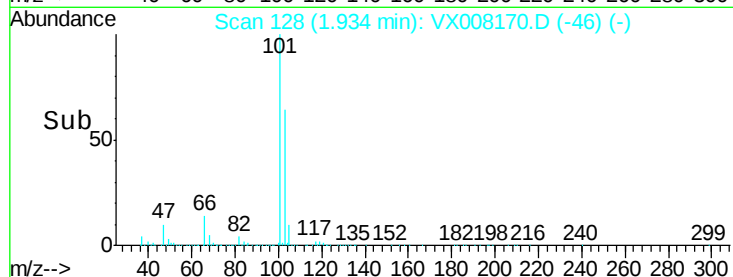
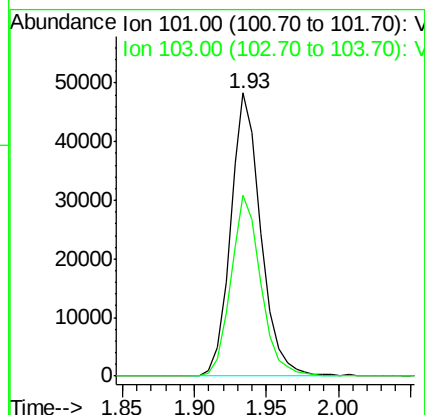
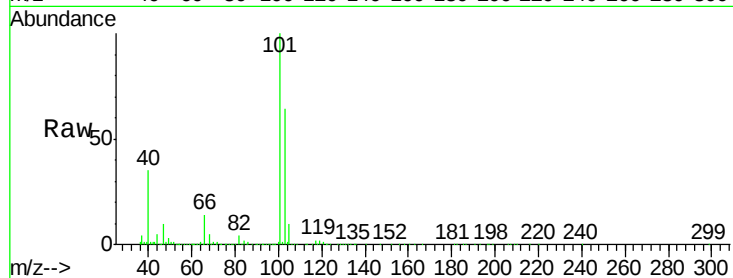


#7

Trichlorofluoromethane
 Concen: 18.447 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

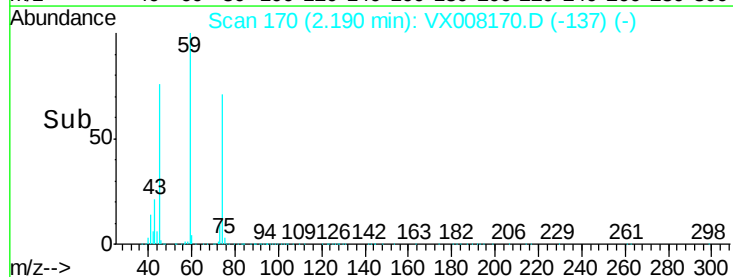
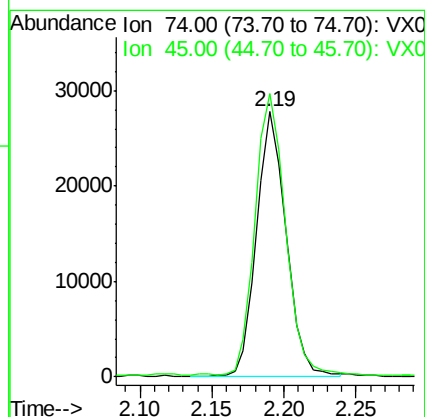
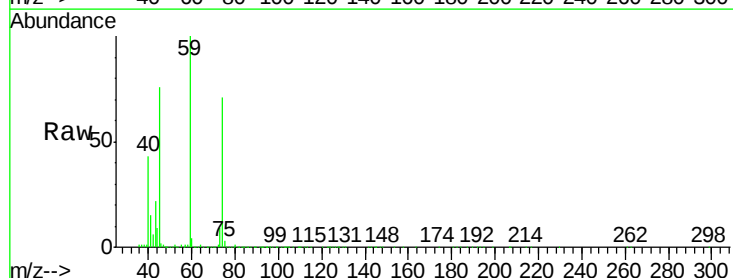
Tot Ion:101 Resp: 70022
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.4 75.6

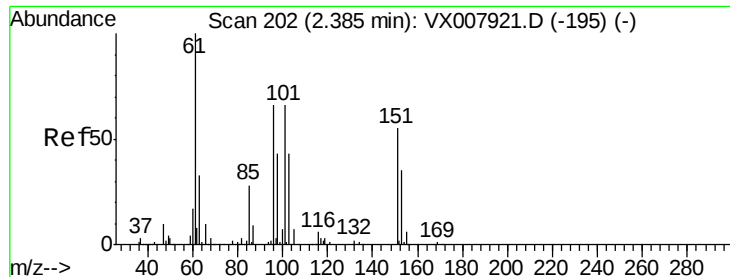


#8

Diethyl Ether
 Concen: 19.140 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

Tgt Ion: 74 Resp: 39229
 Ion Ratio Lower Upper
 74 100
 45 109.5 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.932 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

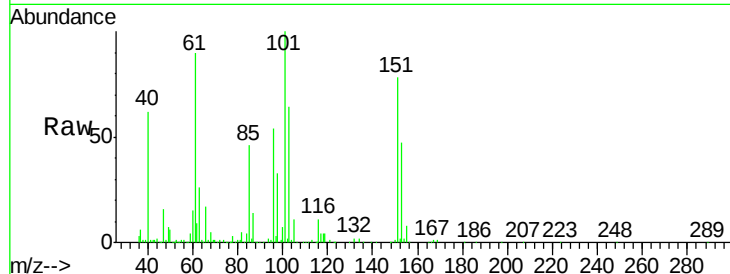
Tot Ion:101 Resp: 48745

Ion Ratio Lower Upper

101 100

85 46.4 0.0 86.8

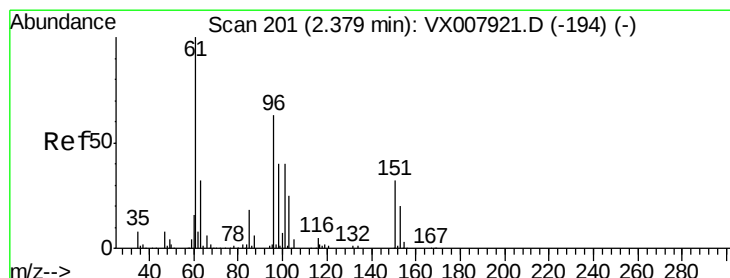
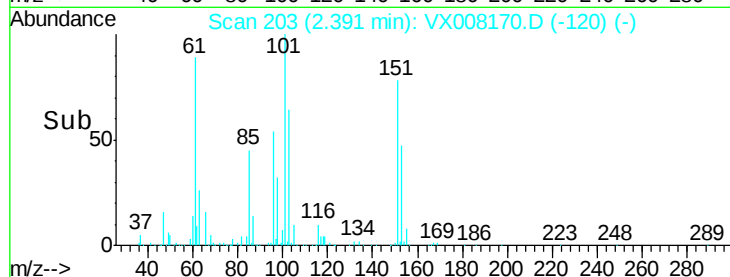
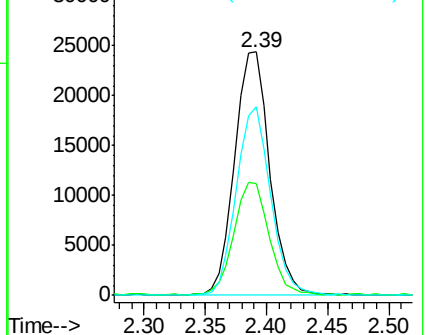
151 75.7 0.0 169.2



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: 19.054 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

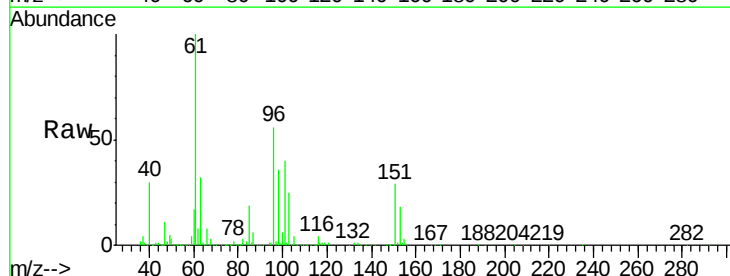
Tgt Ion: 96 Resp: 46345

Ion Ratio Lower Upper

96 100

61 178.3 120.2 180.2

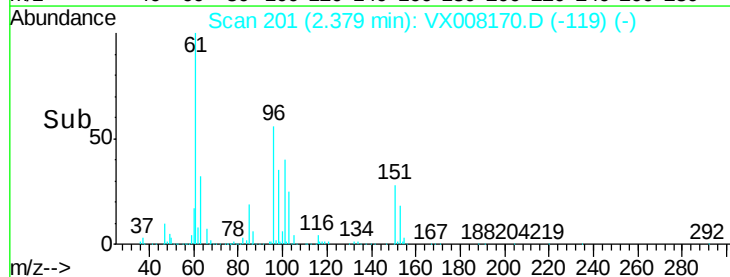
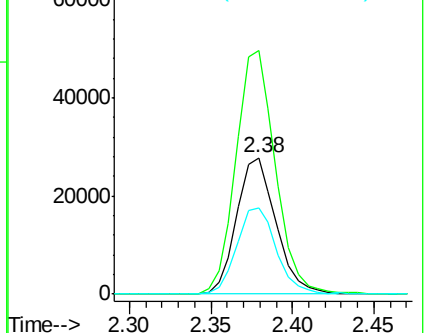
98 63.4 49.0 73.4

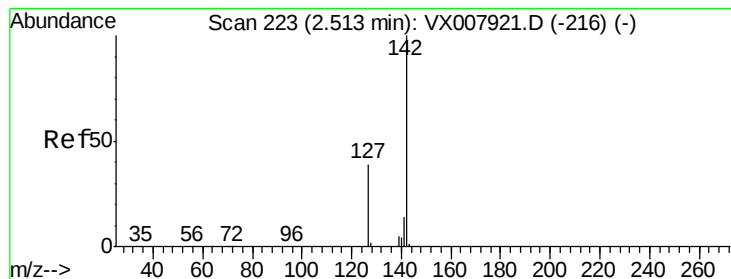


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 18.706 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

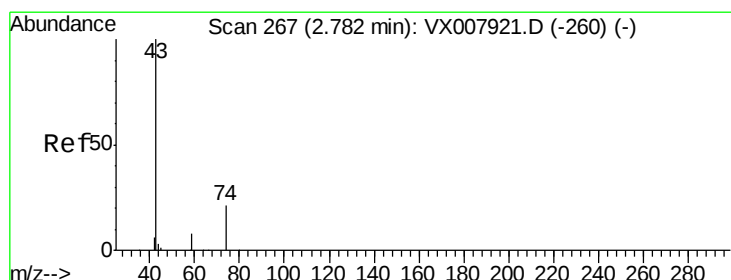
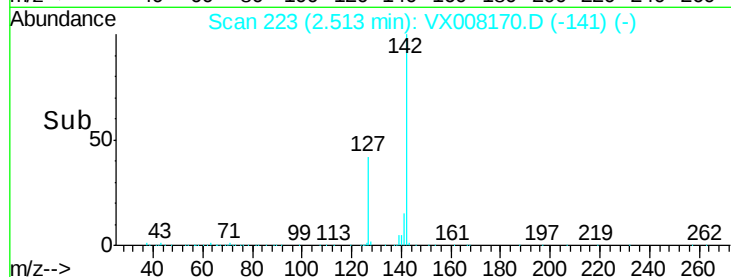
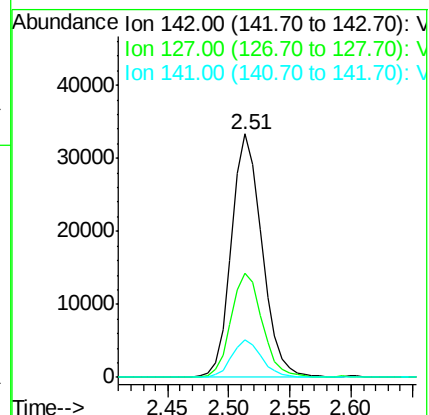
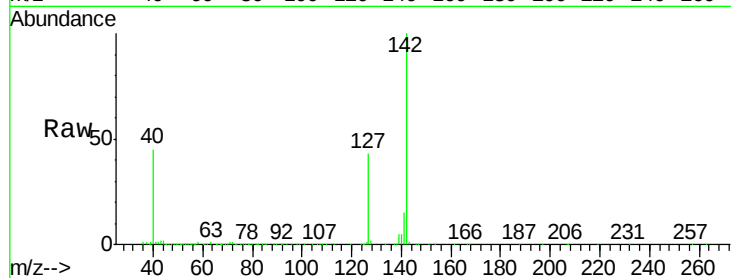
Tot Ion:142 Resp: 57911

Ion Ratio Lower Upper

142 100

127 42.4 22.1 66.5

141 15.3 7.4 22.3



#12

Methyl Acetate

Concen: 19.574 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008170.D

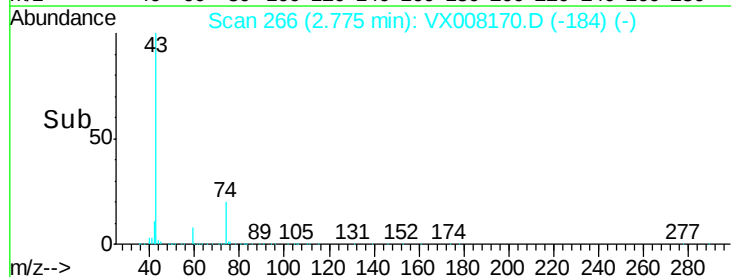
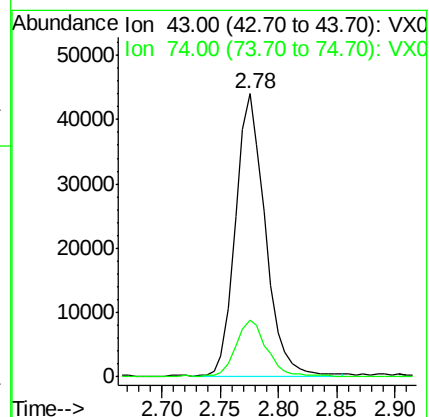
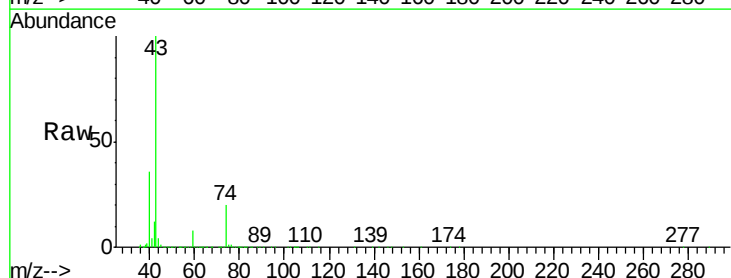
Acq: 18 Mar 2019 17:20

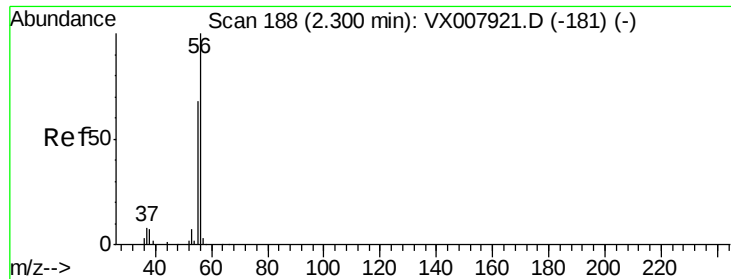
Tgt Ion: 43 Resp: 77923

Ion Ratio Lower Upper

43 100

74 19.8 19.4 29.0





#13

Acrolein

Concen: 78.364 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

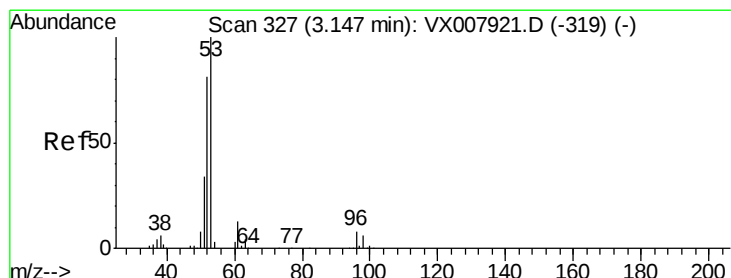
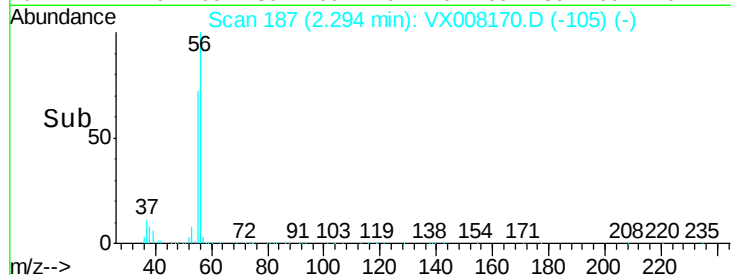
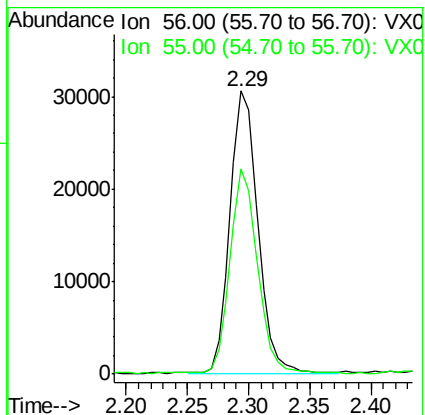
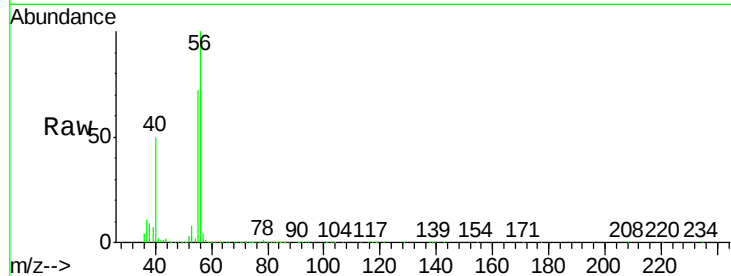
VX0318WBSD01

Tot Ion: 56 Resp: 47974

Ion Ratio Lower Upper

56 100

55 71.1 58.6 87.8



#14

Acrylonitrile

Concen: 93.695 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

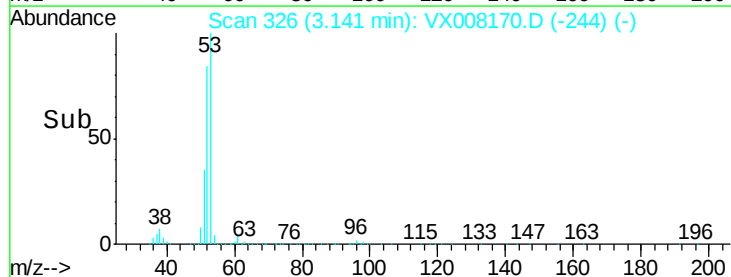
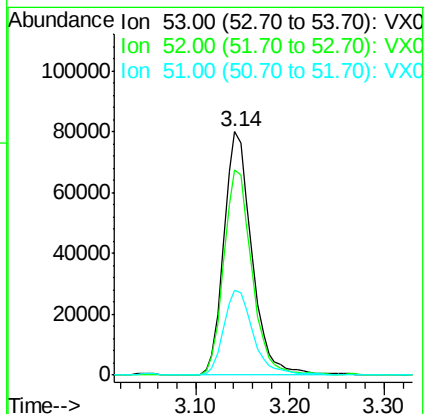
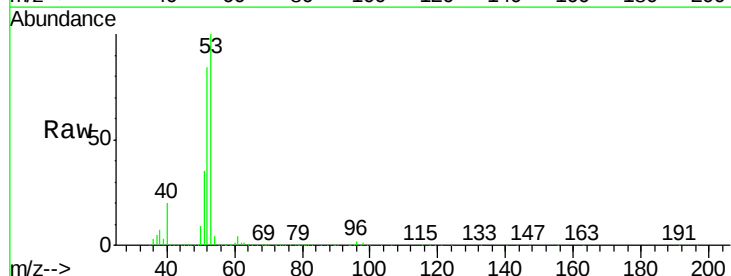
Tgt Ion: 53 Resp: 165510

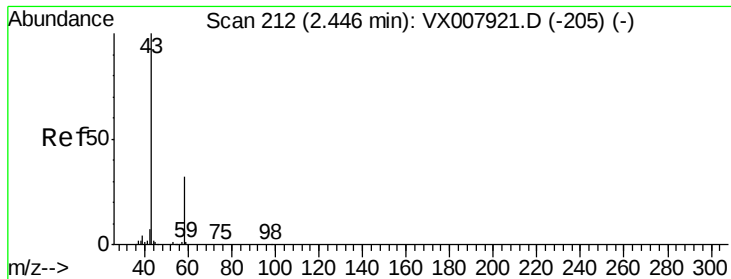
Ion Ratio Lower Upper

53 100

52 83.5 41.3 124.1

51 36.3 17.5 52.6





#15

Acetone

Concen: 86.005 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

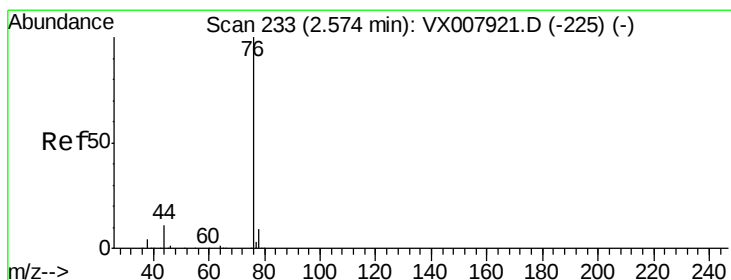
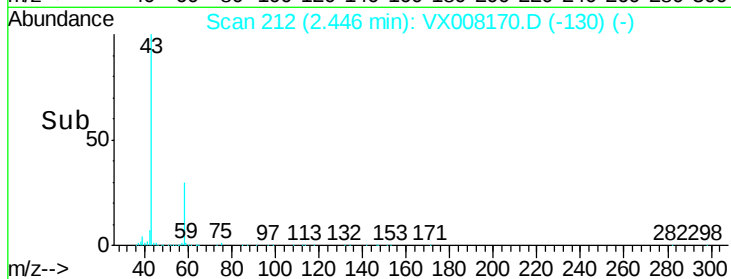
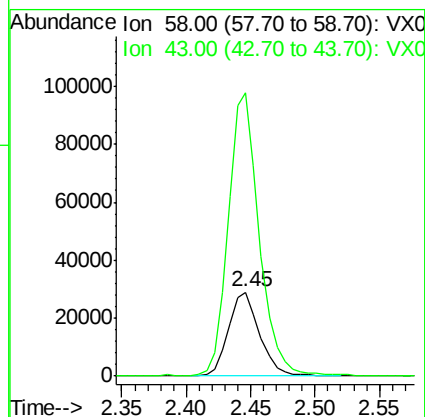
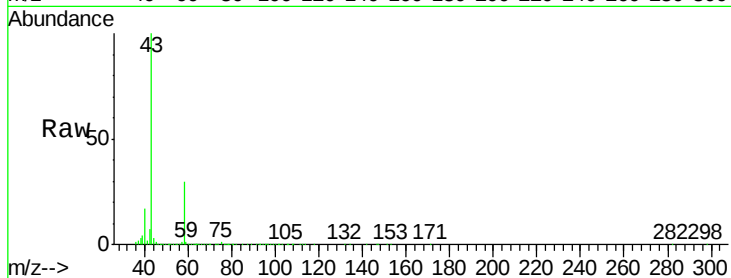
VX0318WBSD01

Tot Ion: 58 Resp: 48814

Ion Ratio Lower Upper

58 100

43 338.5 249.8 374.6



#16

Carbon Disulfide

Concen: 18.415 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX008170.D

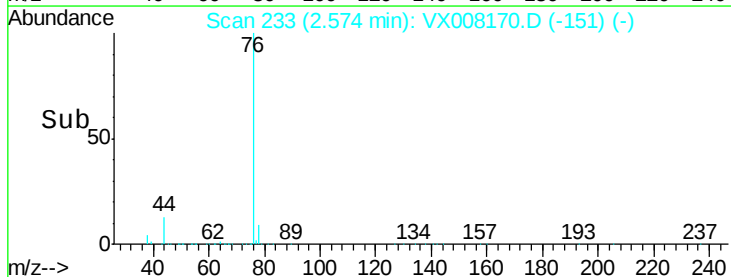
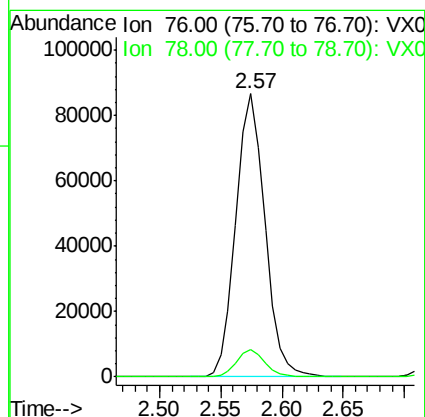
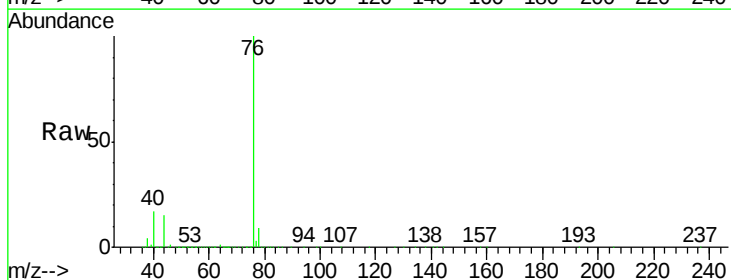
Acq: 18 Mar 2019 17:20

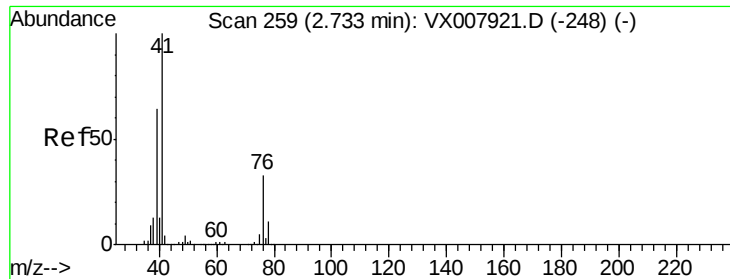
Tgt Ion: 76 Resp: 142787

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

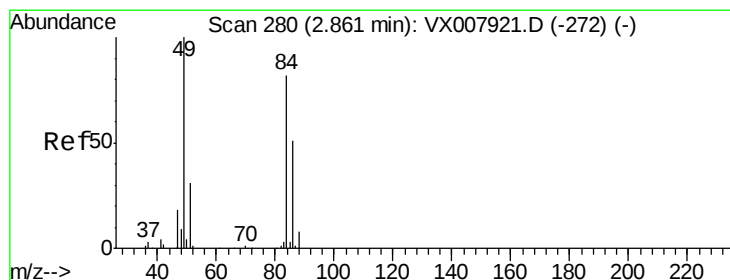
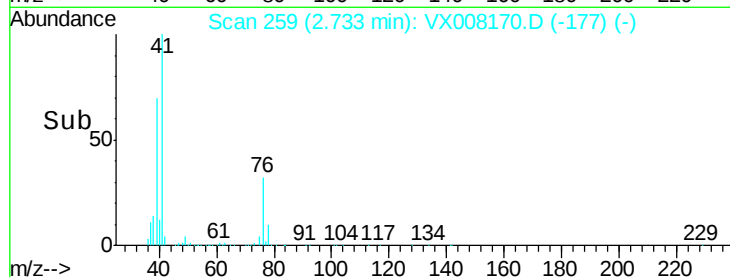
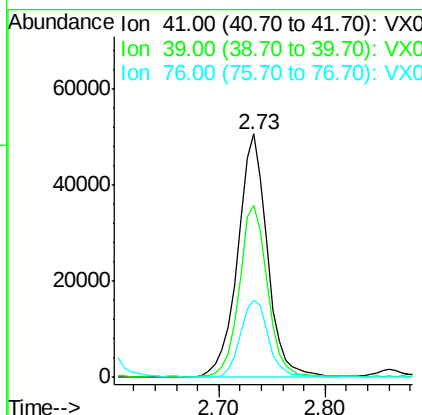
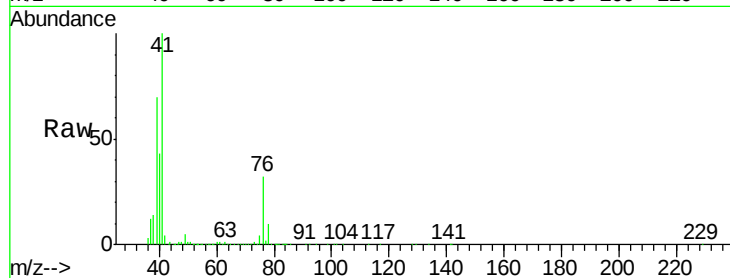




#17
Allvl chloride
Concen: 18.511 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

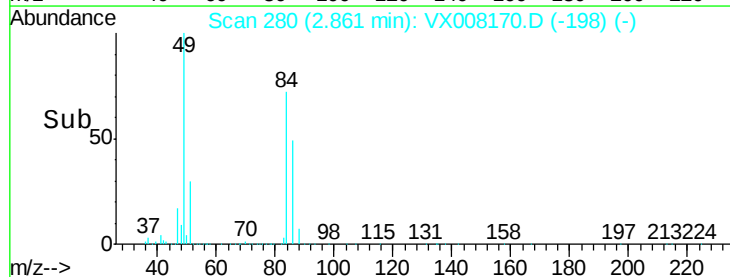
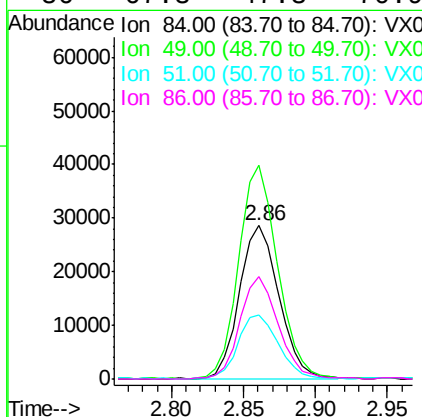
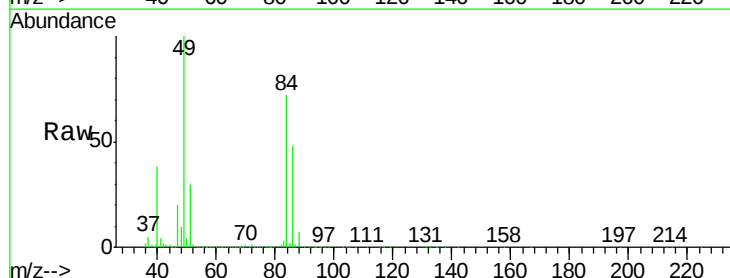
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

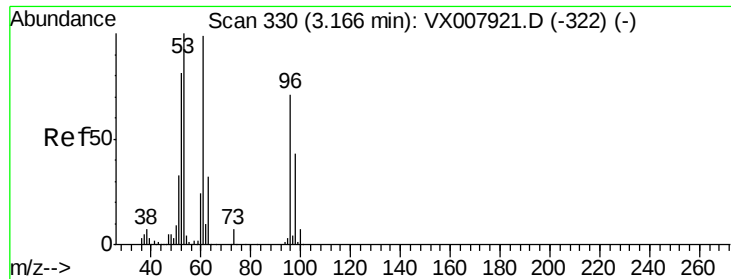
Tot Ion: 41 Resp: 98404
Ion Ratio Lower Upper
41 100
39 70.3 35.8 107.4
76 31.8 18.3 54.9



#18
Methylene Chloride
Concen: 19.284 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

Tgt Ion: 84 Resp: 54654
Ion Ratio Lower Upper
84 100
49 139.4 96.1 144.1
51 41.7 29.1 43.7
86 67.3 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 19.139 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

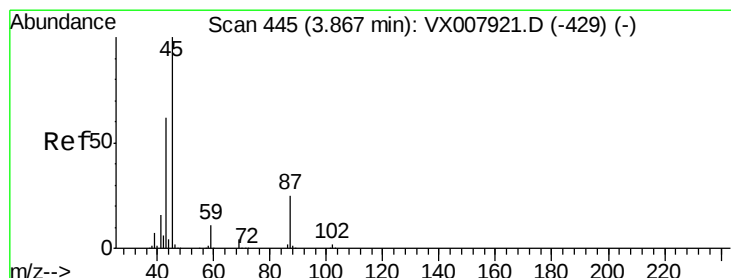
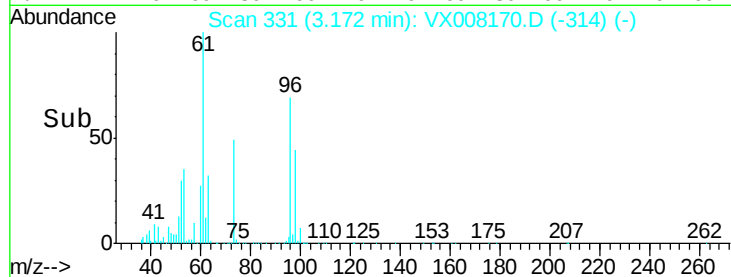
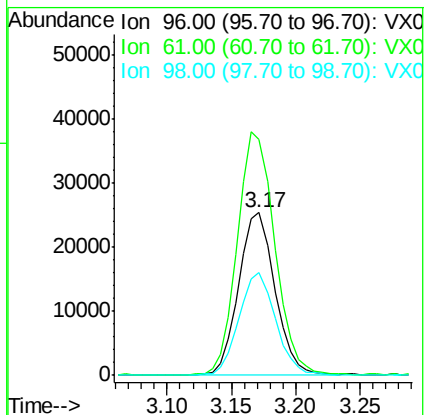
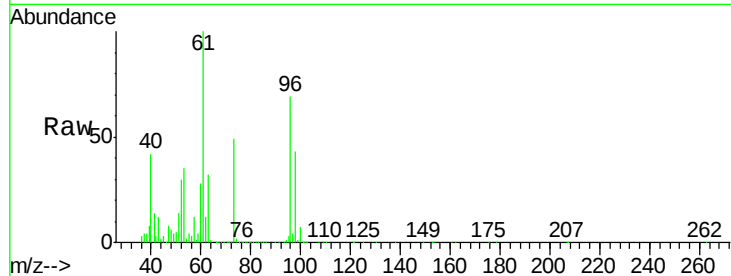
Tot Ion: 96 Resp: 50010

Ion Ratio Lower Upper

96 100

61 144.6 109.9 164.9

98 62.6 50.4 75.6



#20

Diisopropyl ether

Concen: 19.335 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Tgt Ion: 45 Resp: 201293

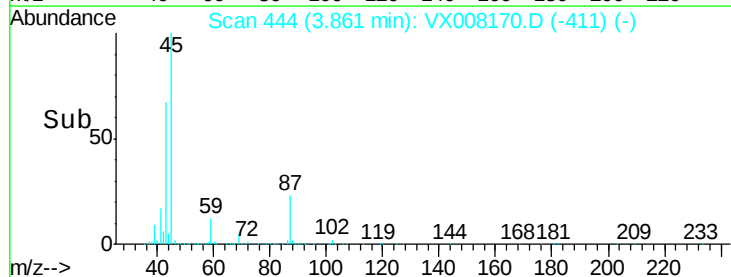
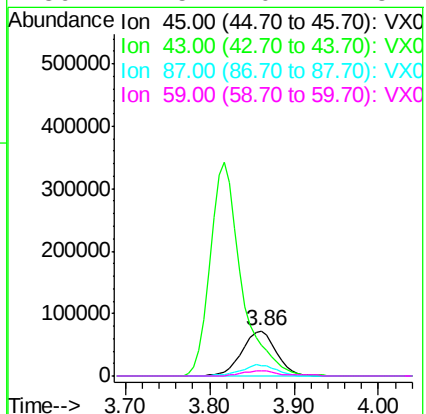
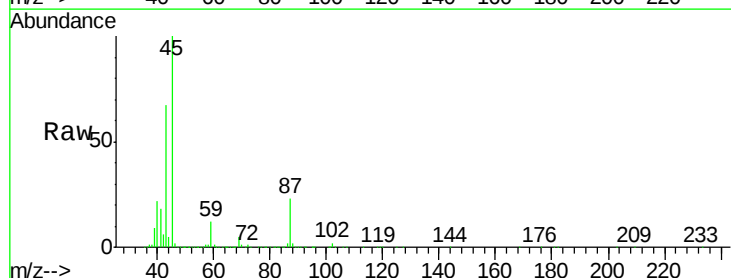
Ion Ratio Lower Upper

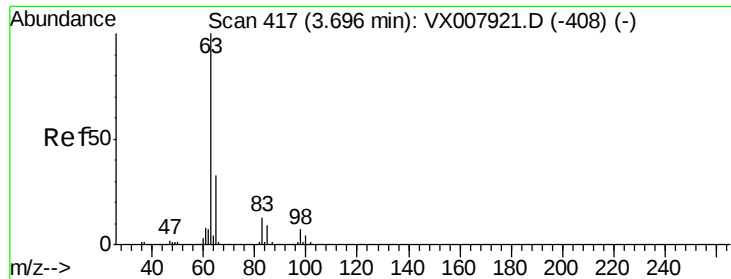
45 100

43 66.4 50.6 76.0

87 23.3 24.5 36.7#

59 11.5 10.2 15.2

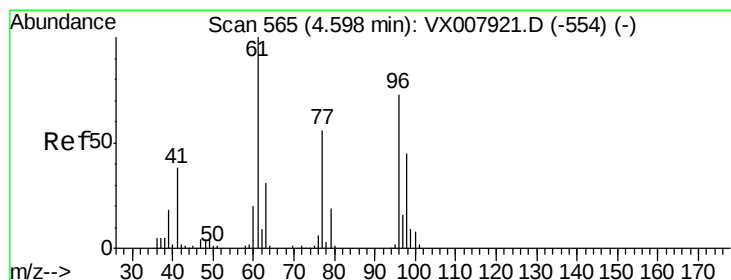
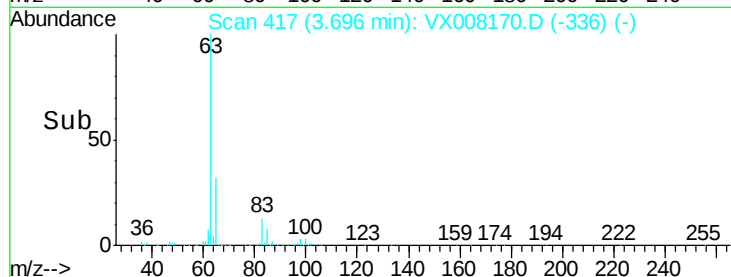
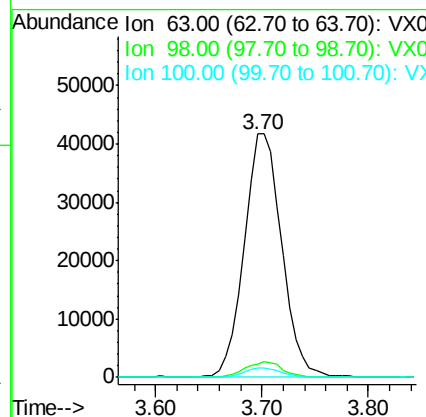
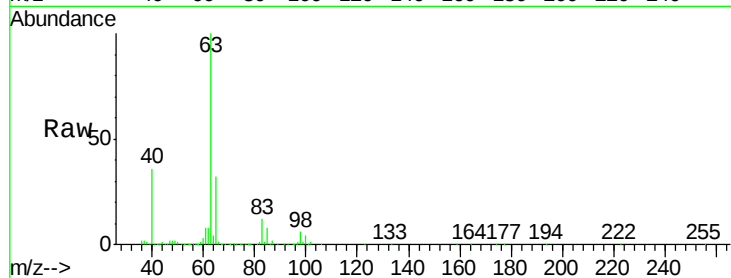




#21
 1,1-Dichloroethane
 Concen: 19.380 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

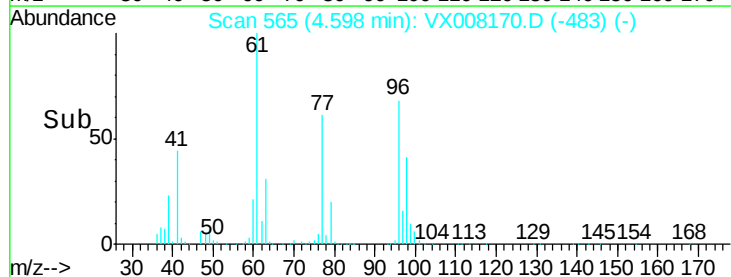
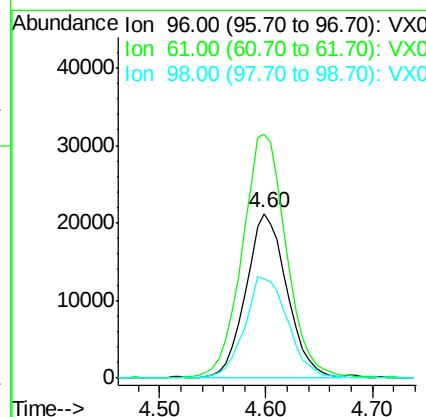
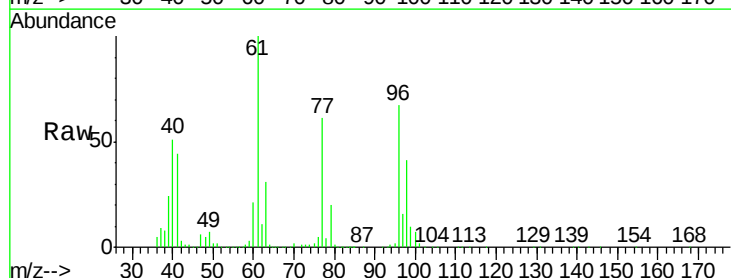
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

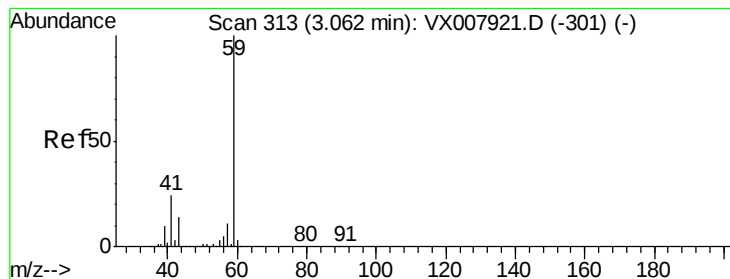
Tot Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.8	11.4
100	3.7	2.4	7.1



#22
 cis-1,2-Dichloroethene
 Concen: 19.306 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.8	103.5	155.3#
98	64.8	52.1	78.1





#23

tert-Butyl Alcohol

Concen: 95.493 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

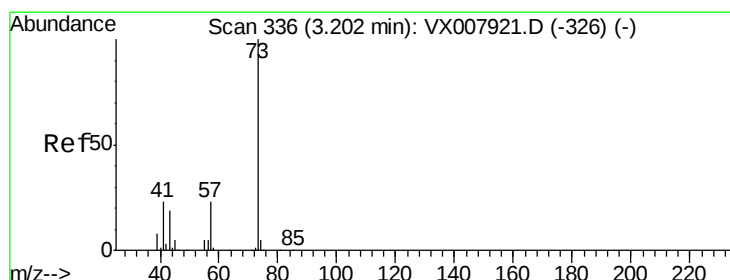
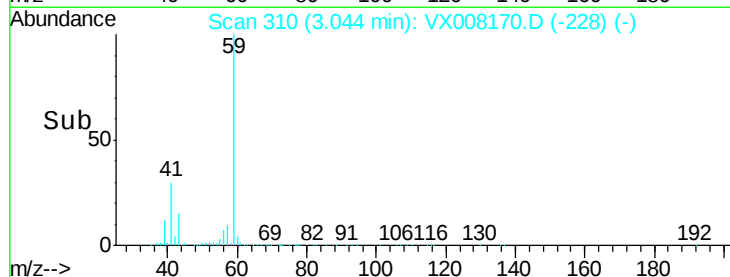
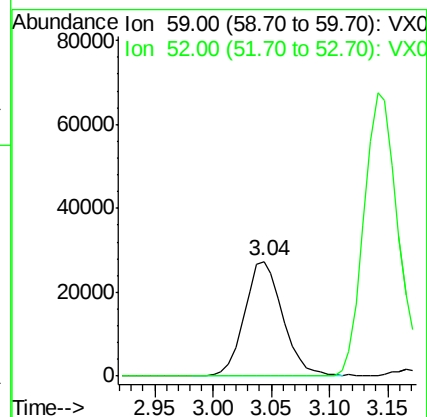
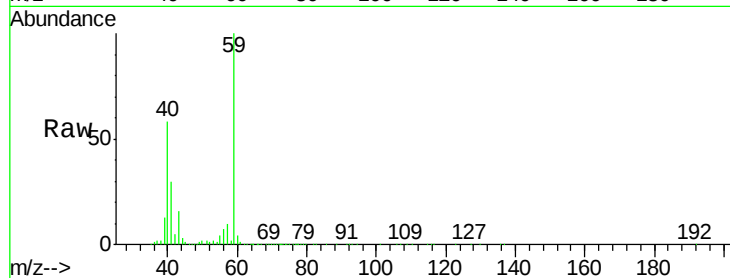
VX0318WBSD01

Tot Ion: 59 Resp: 62147

Ion Ratio Lower Upper

59 100

52 0.1 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 19.240 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX008170.D

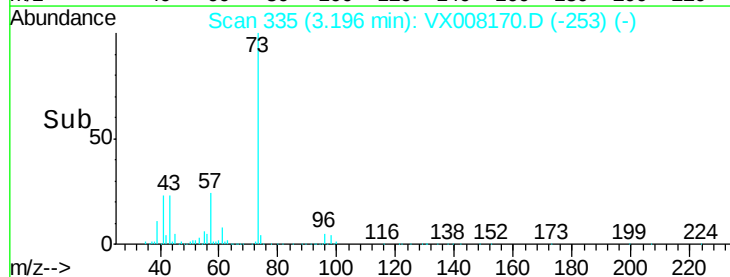
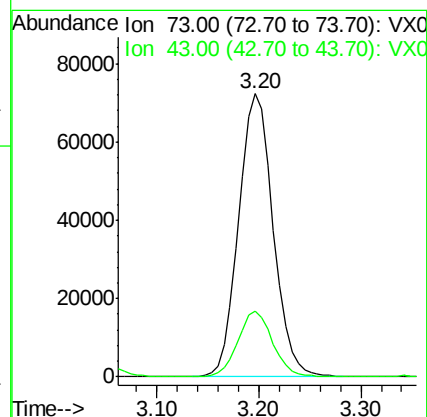
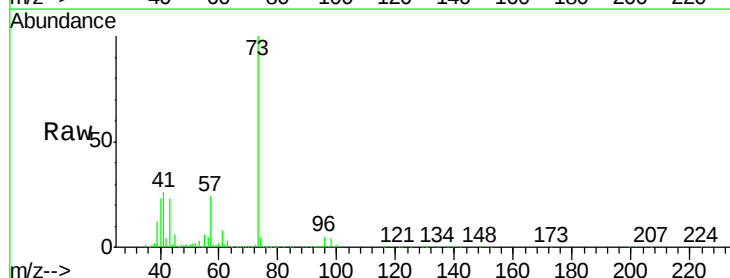
Acq: 18 Mar 2019 17:20

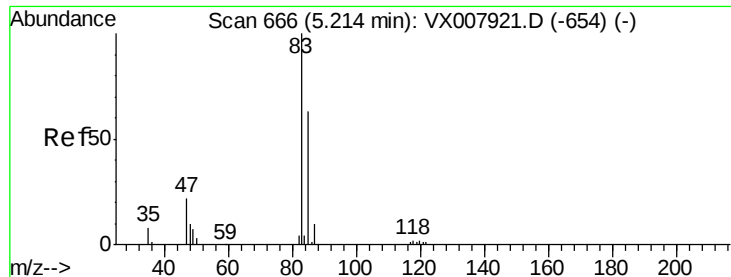
Tgt Ion: 73 Resp: 169762

Ion Ratio Lower Upper

73 100

43 22.7 17.1 25.7





#25

Chloroform

Concen: 19.383 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

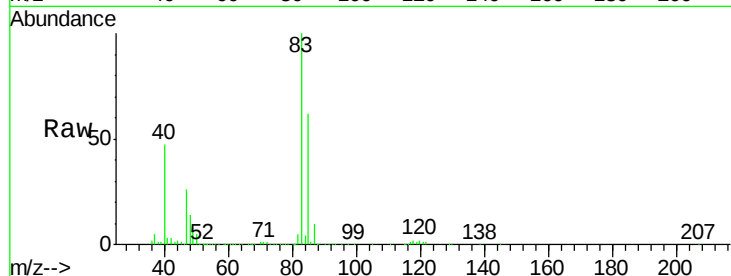
VX0318WBSD01

Tot Ion: 83 Resp: 97152

Ion Ratio Lower Upper

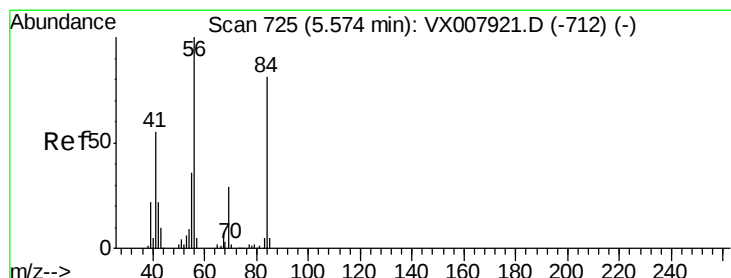
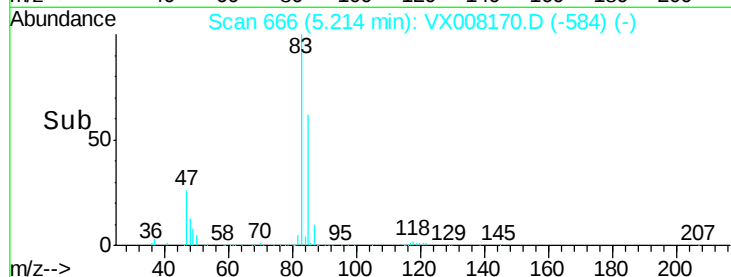
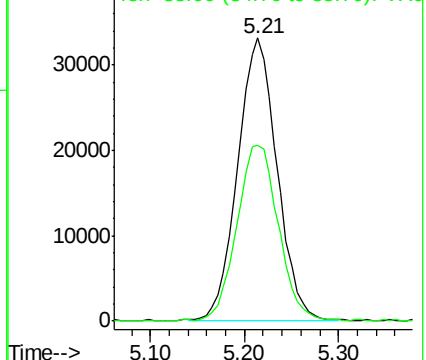
83 100

85 62.0 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.665 ug/l

RT: 5.59 min Scan# 727

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

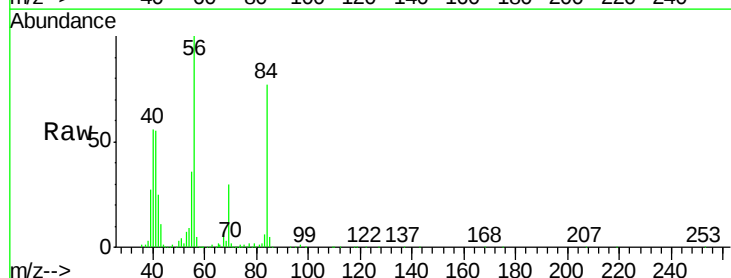
Tgt Ion: 56 Resp: 94544

Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

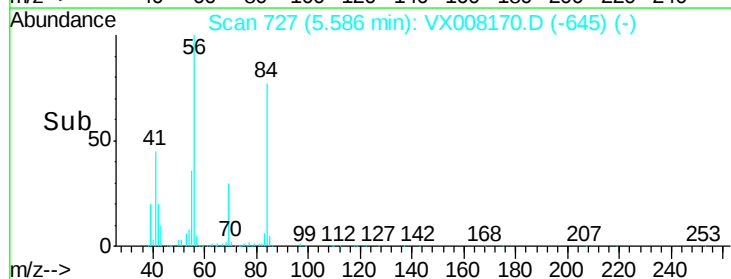
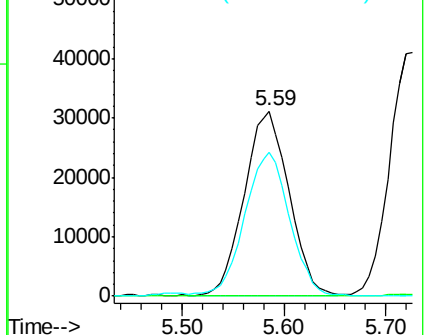
84 78.1 73.9 110.9

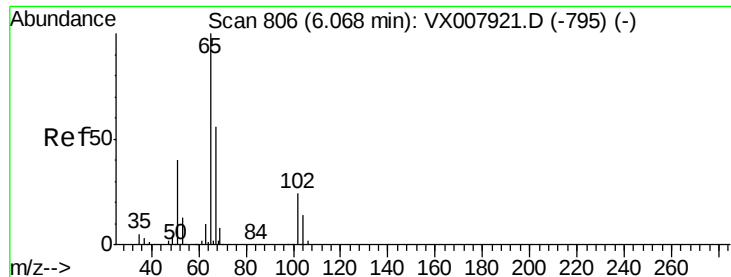


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.508 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

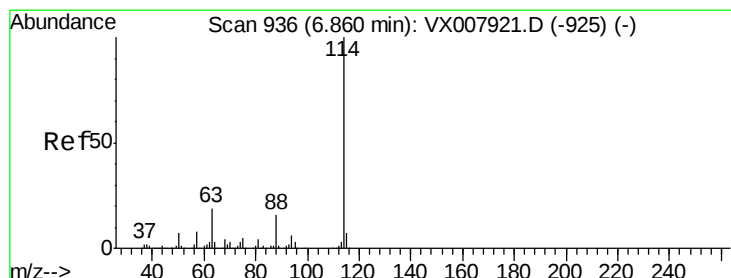
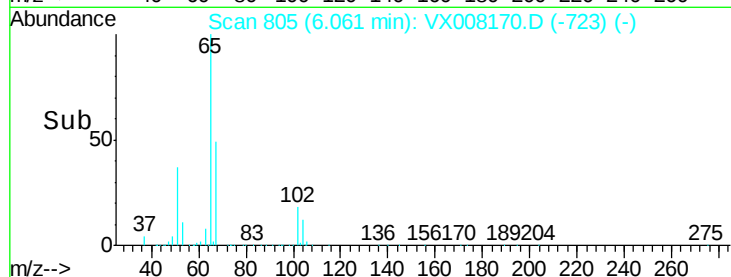
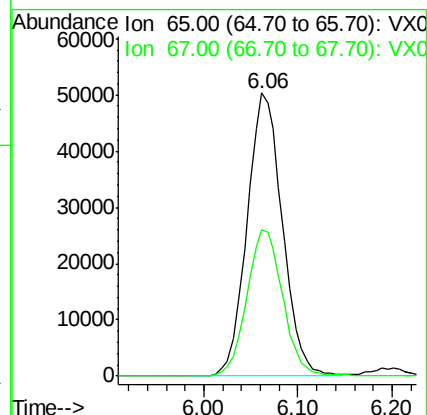
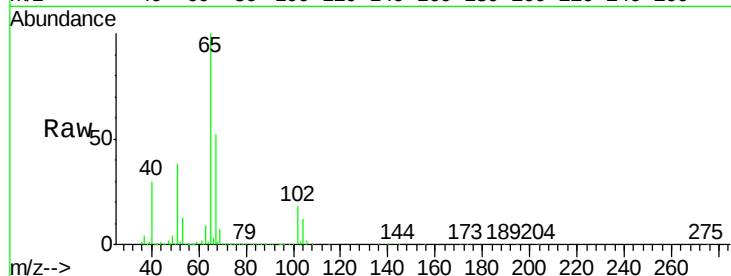
VX0318WBSD01

Tot Ion: 65 Resp: 131358

Ion Ratio Lower Upper

65 100

67 52.2 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: VX008170.D

Acq: 18 Mar 2019 17:20

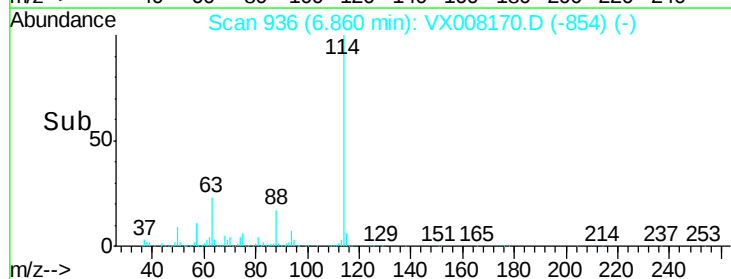
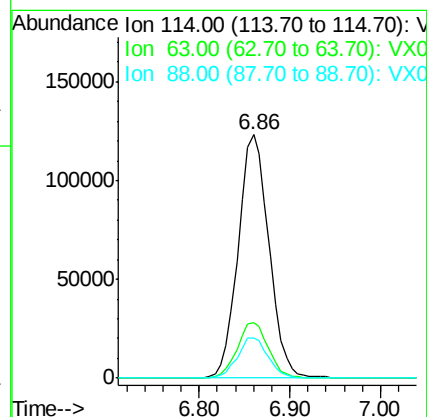
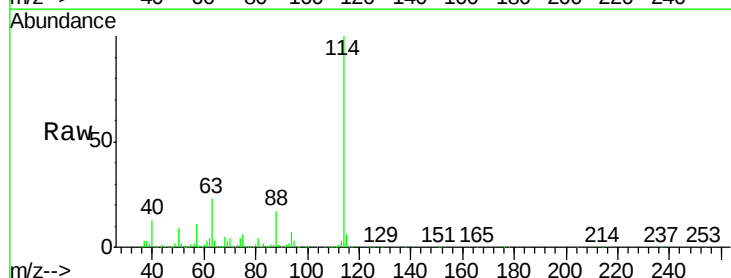
Tgt Ion: 114 Resp: 290081

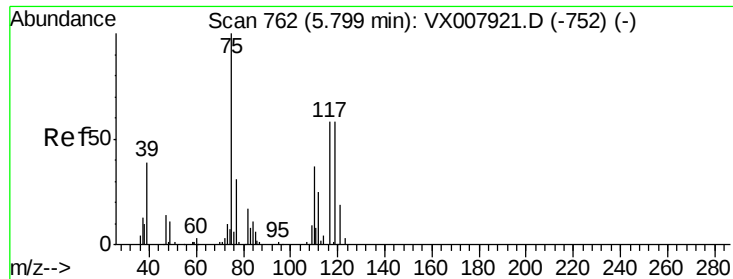
Ion Ratio Lower Upper

114 100

63 23.4 14.2 21.4#

88 16.7 11.9 17.9

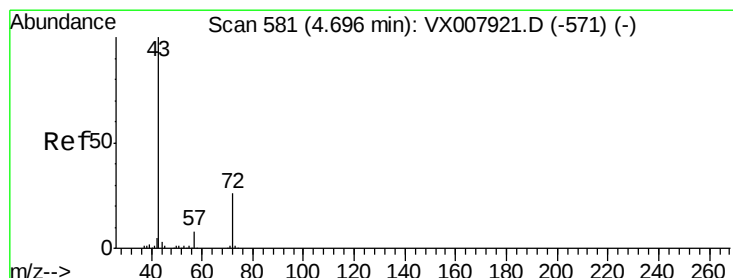
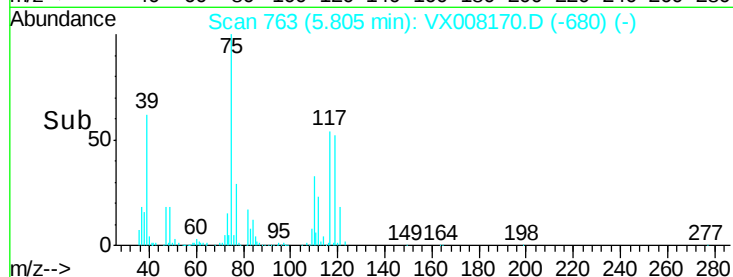
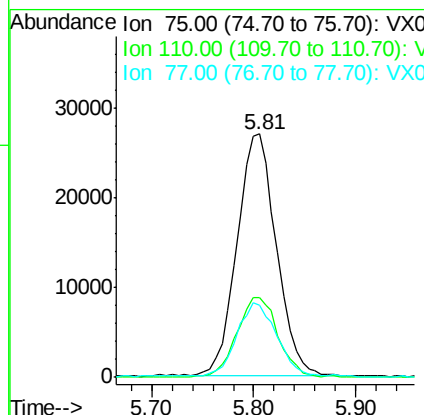
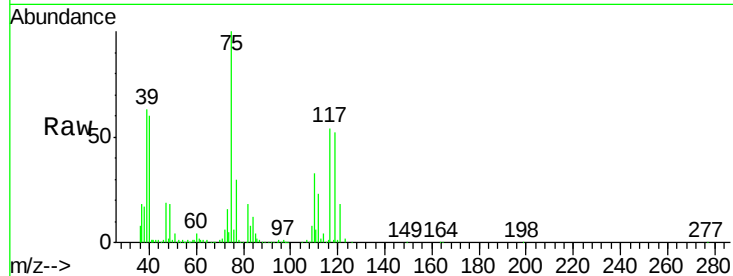




#29
 1,1-Dichloropropene
 Concen: 18.678 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

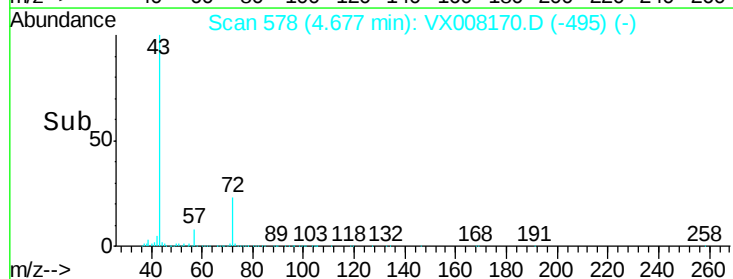
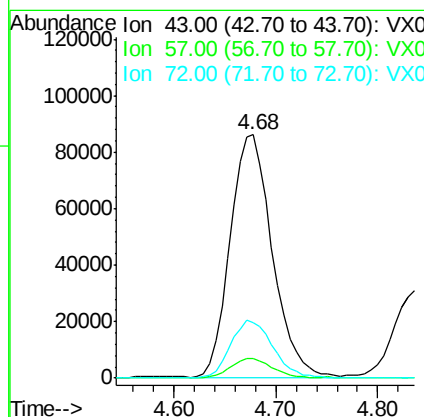
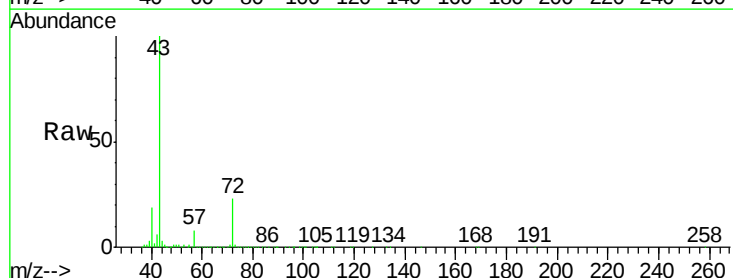
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

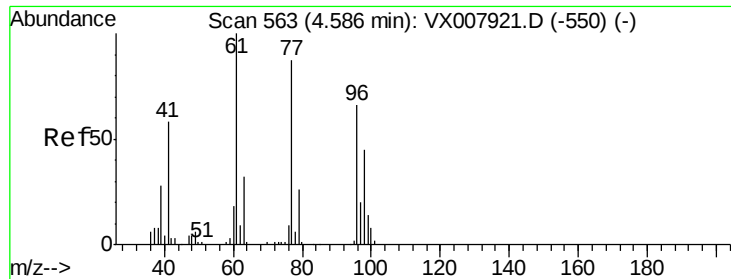
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.7	0.0	80.8
77	30.8	0.0	62.4



#30
 2-Butanone
 Concen: 90.434 ug/l
 RT: 4.68 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	7.0	10.6
72	23.6	21.5	32.3





#31

2,2-Dichloropropane

Concen: 18.466 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

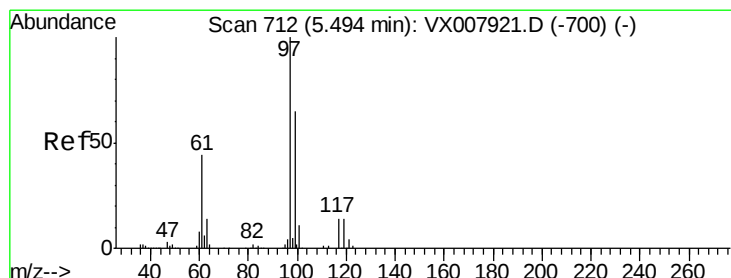
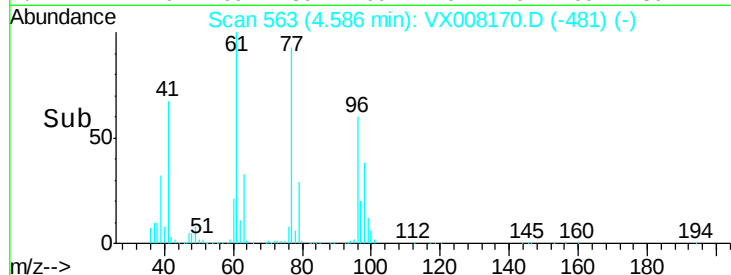
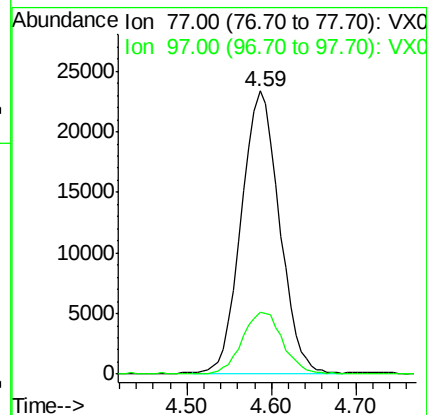
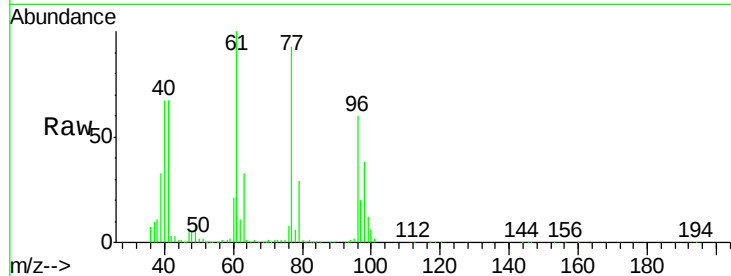
VX0318WBSD01

Tot Ion: 77 Resp: 71904

Ion Ratio Lower Upper

77 100

97 23.2 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 19.393 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

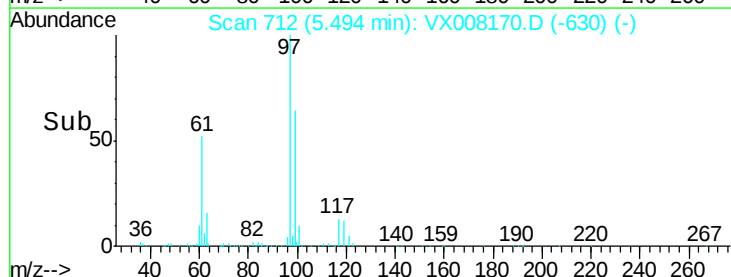
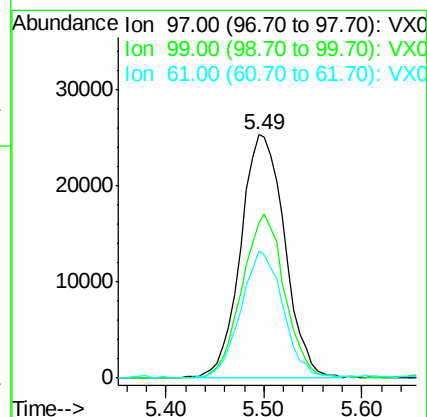
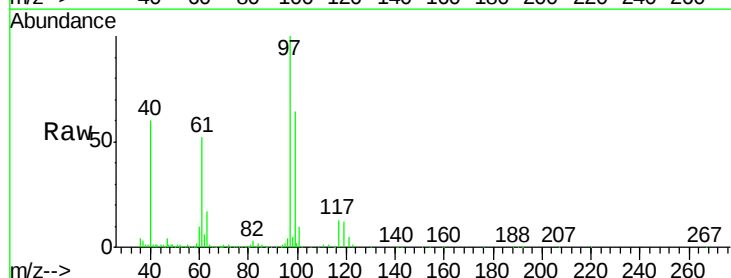
Tgt Ion: 97 Resp: 79305

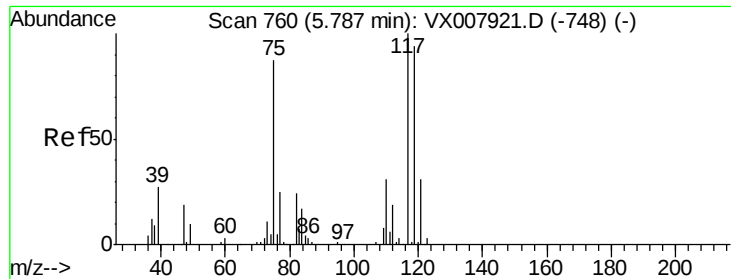
Ion Ratio Lower Upper

97 100

99 65.4 51.7 77.5

61 50.2 32.8 49.2#





#33

Carbon Tetrachloride

Concen: 18.945 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

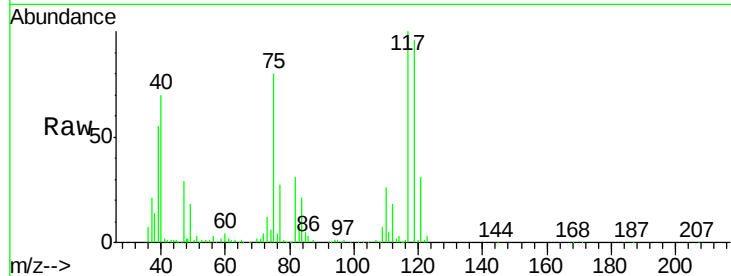
Tot Ion:117 Resp: 65018

Ion Ratio Lower Upper

117 100

119 95.6 78.1 117.1

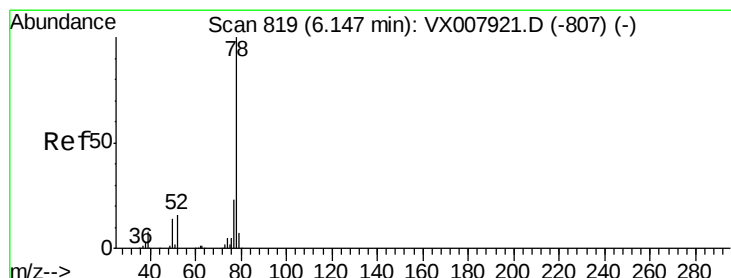
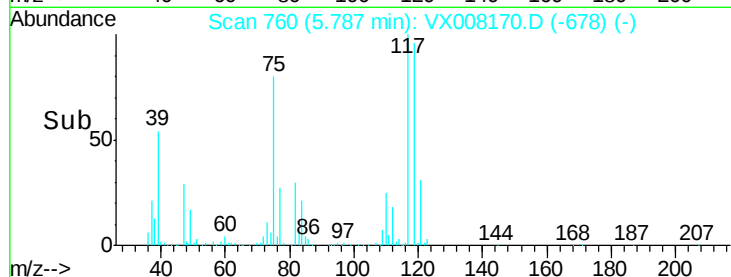
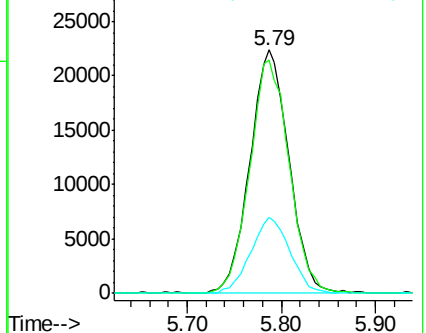
121 31.1 27.0 40.6



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: 19.242 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

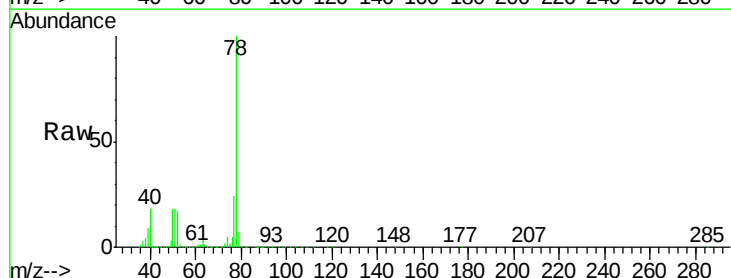
Tgt Ion: 78 Resp: 222146

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7

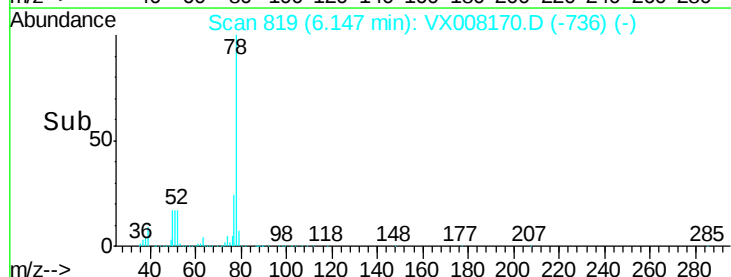
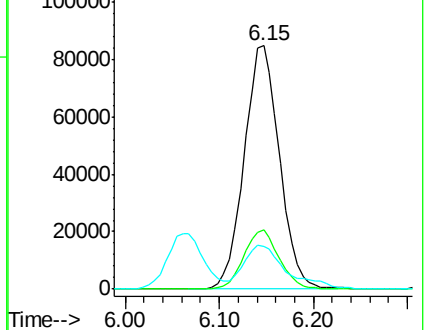
51 16.6 10.8 16.2#

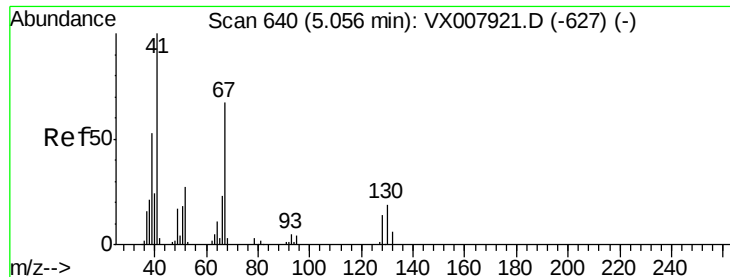


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

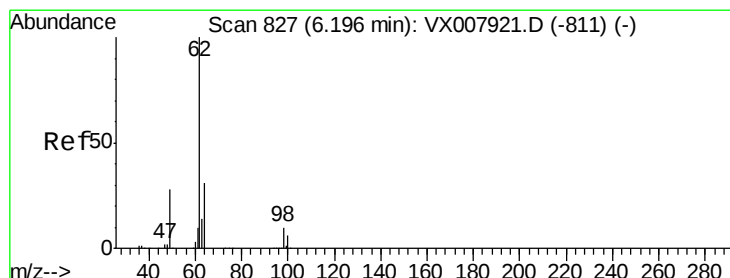
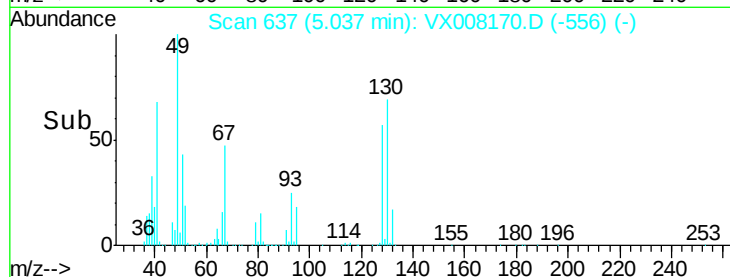
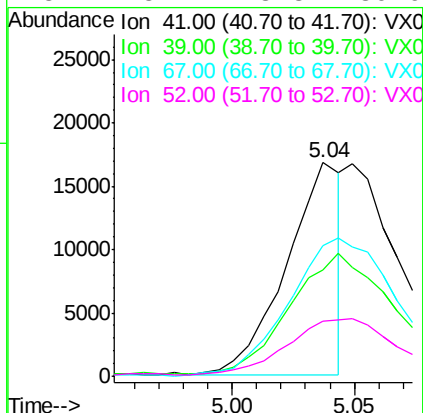
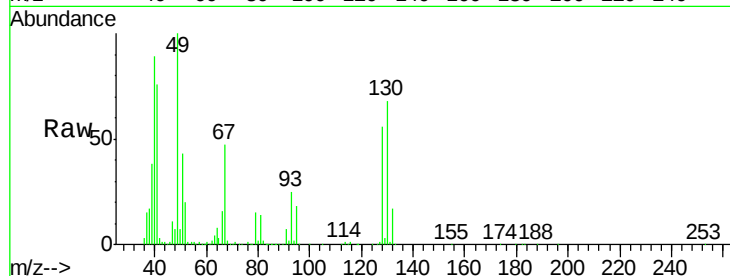




#35
Methacrylonitrile
Concen: 9.939 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

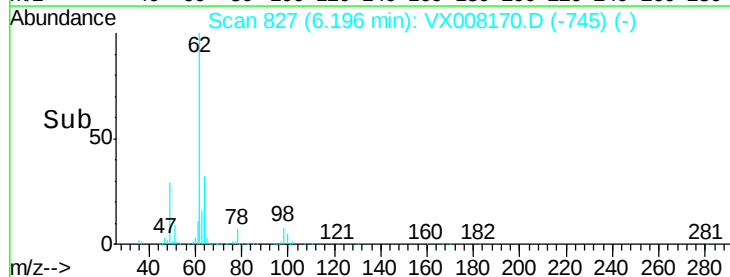
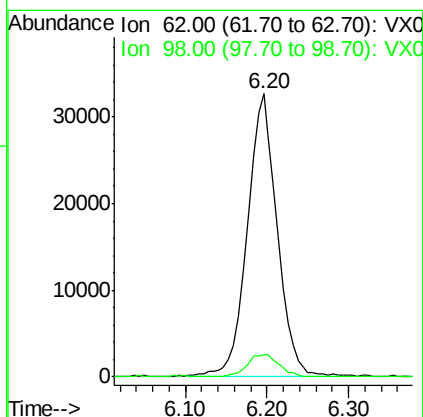
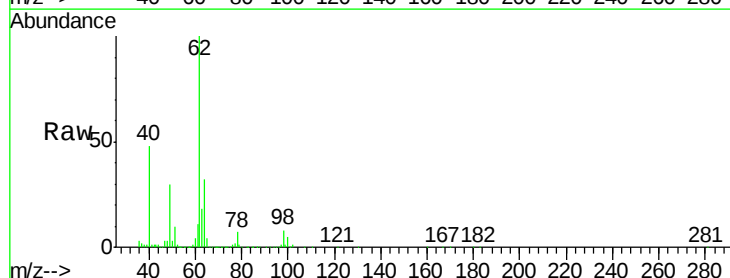
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

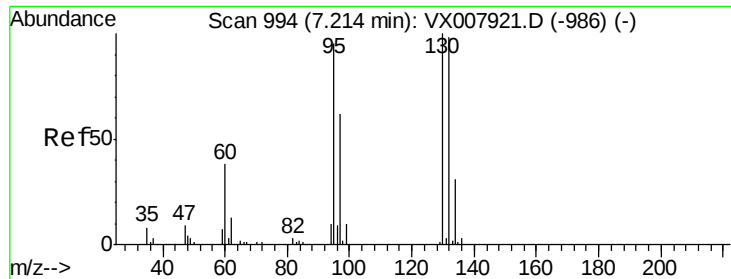
Tot Ion:	41	Resp:	26169
Ion	Ratio	Lower	Upper
41	100		
39	49.2	27.4	82.0
67	60.9	37.9	113.6
52	25.2	13.3	39.9



#36
1,2-Dichloroethane
Concen: 19.787 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

Tgt Ion:	62	Resp:	82913
Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.8	11.8

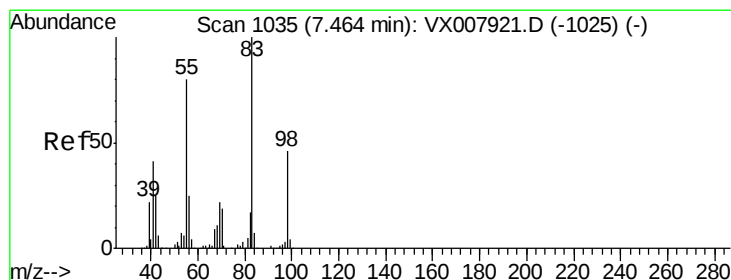
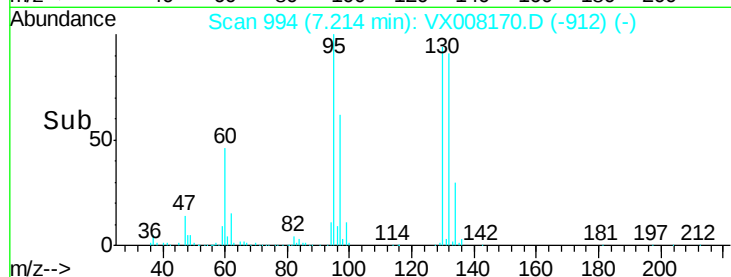
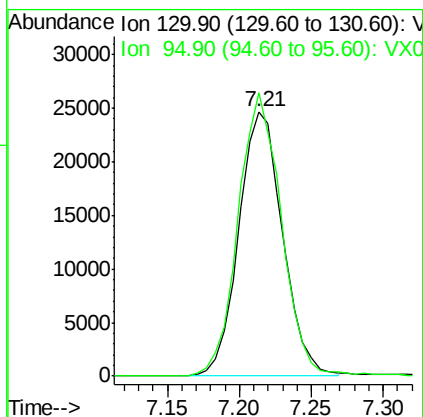
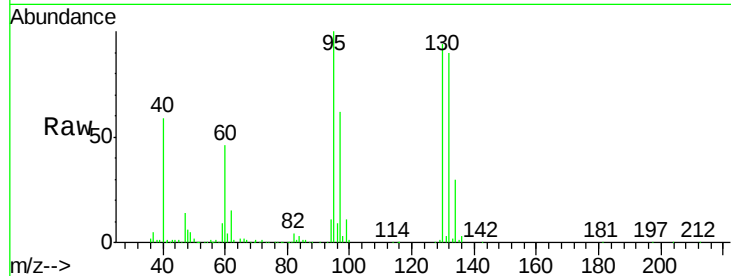




#37
 Trichloroethene
 Concen: 18.901 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

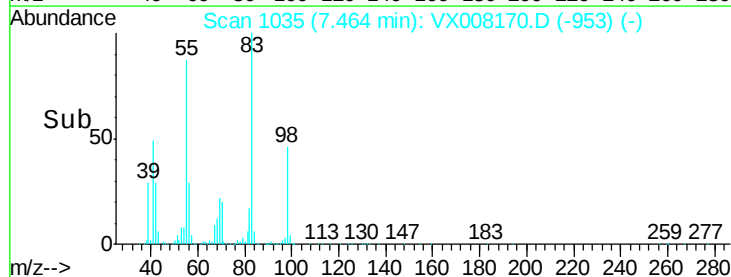
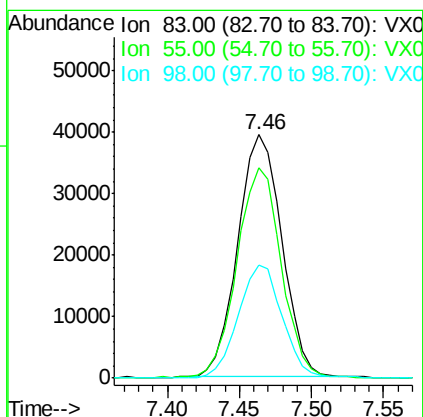
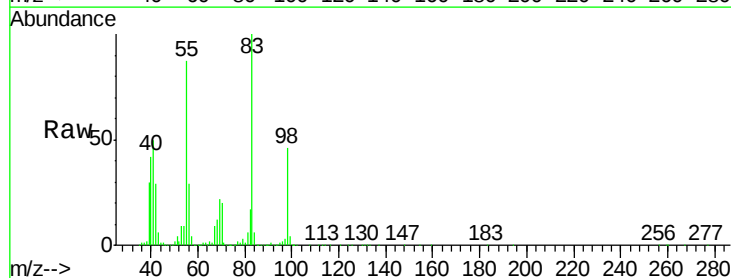
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

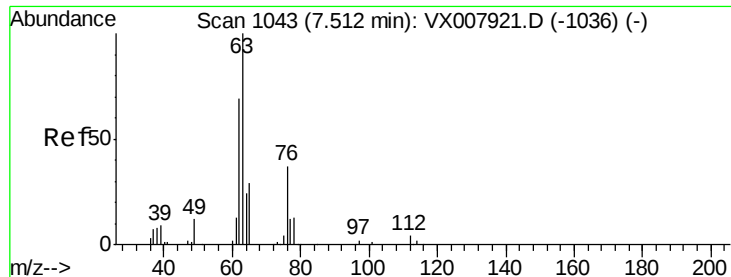
Tot Ion:130 Resp: 51997
 Ion Ratio Lower Upper
 130 100
 95 106.7 71.3 106.9



#38
 Methylcyclohexane
 Concen: 17.889 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

Tgt Ion: 83 Resp: 83890
 Ion Ratio Lower Upper
 83 100
 55 86.6 36.0 108.0
 98 46.9 23.8 71.4

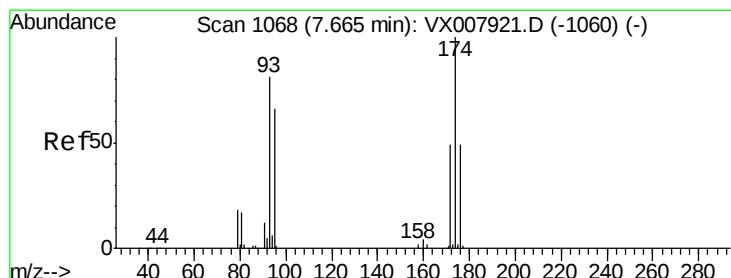
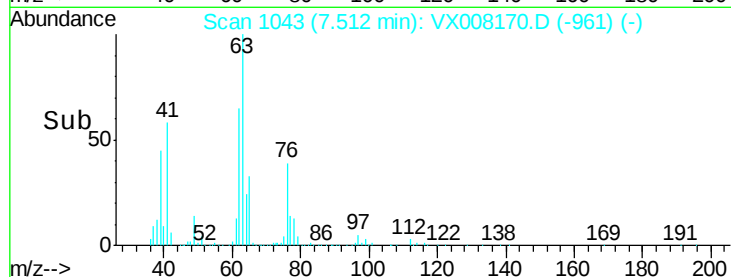
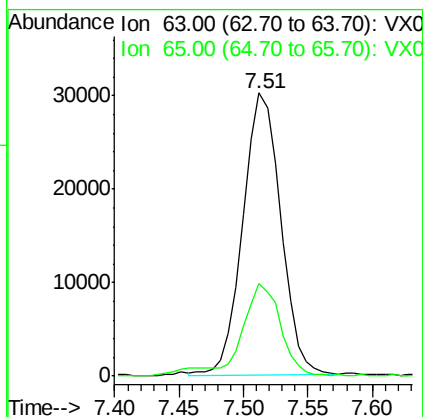
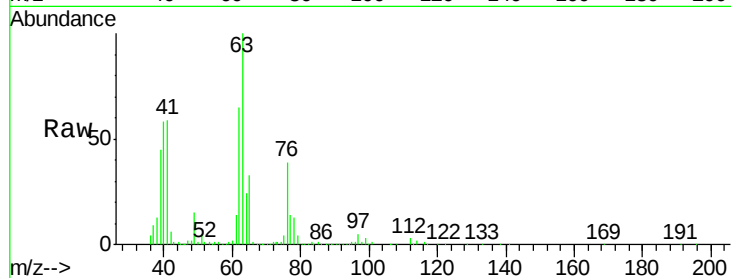




#39
 1,2-Dichloropropane
 Concen: 19.592 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

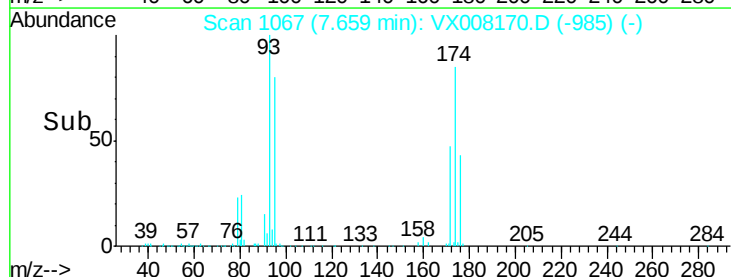
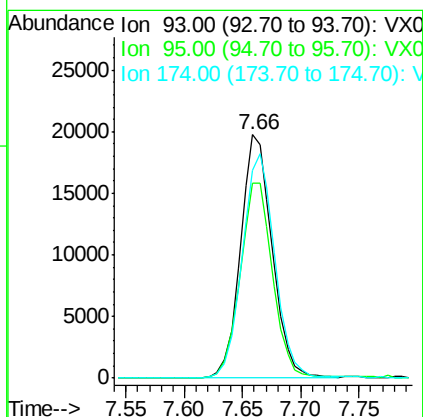
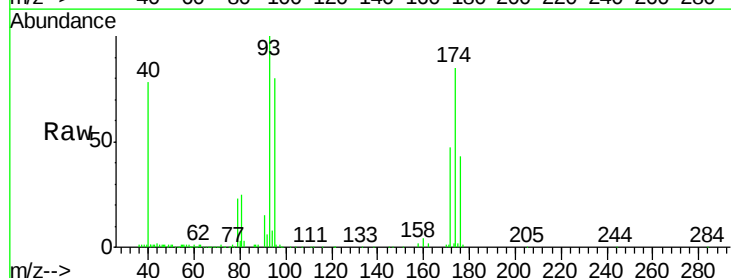
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

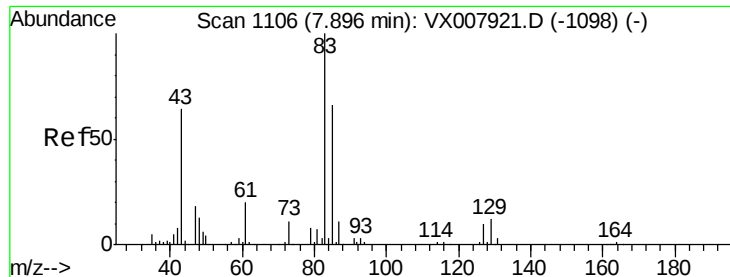
Tot Ion: 63 Resp: 61600
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.6 37.0



#40
 Dibromomethane
 Concen: 19.537 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

Tgt Ion: 93 Resp: 37608
 Ion Ratio Lower Upper
 93 100
 95 82.0 0.0 158.8
 174 94.1 0.0 224.2





#41

Bromodichloromethane

Concen: 19.196 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

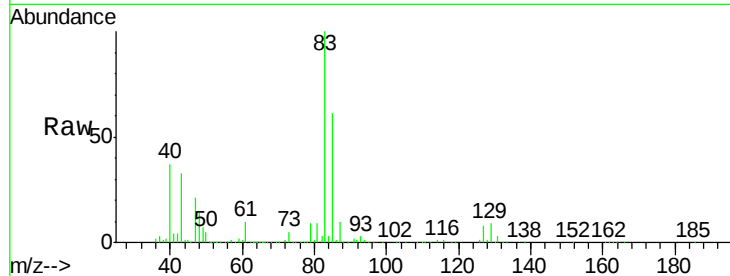
Tot Ion: 83 Resp: 71452

Ion Ratio Lower Upper

83 100

85 60.8 51.1 76.7

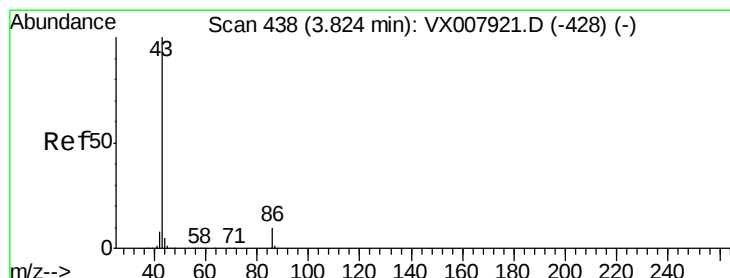
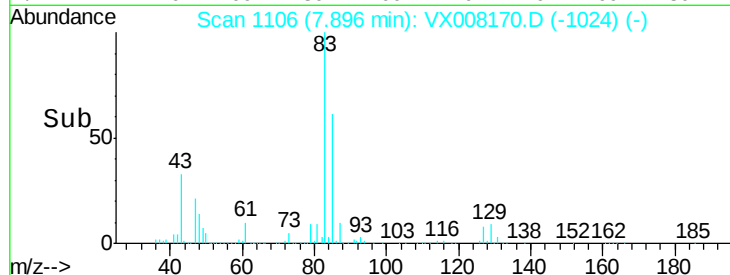
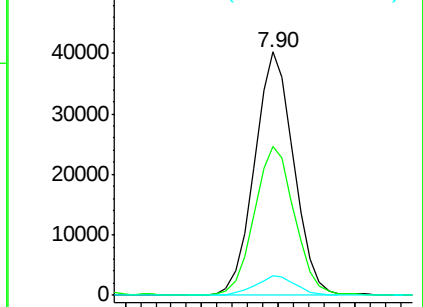
127 8.0 7.2 10.8



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: 96.352 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008170.D

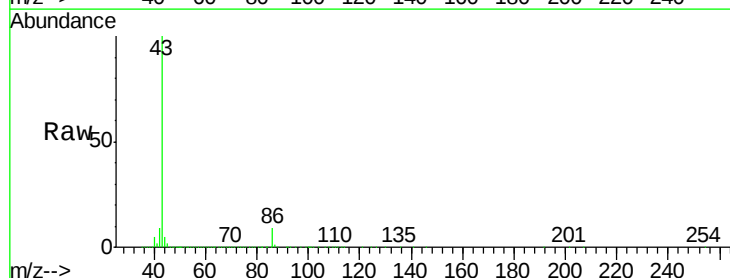
Acq: 18 Mar 2019 17:20

Tgt Ion: 43 Resp: 876961

Ion Ratio Lower Upper

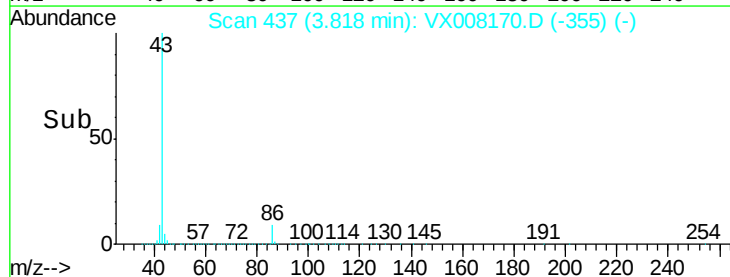
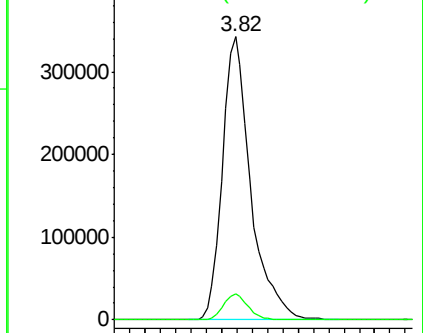
43 100

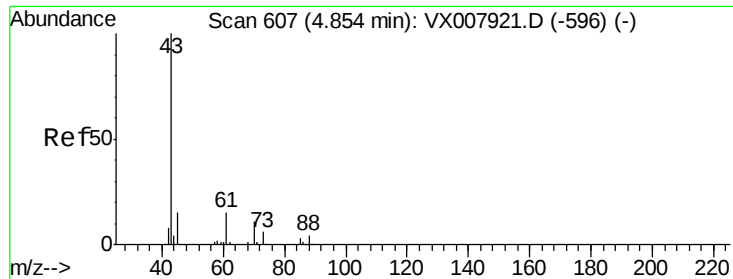
86 8.0 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

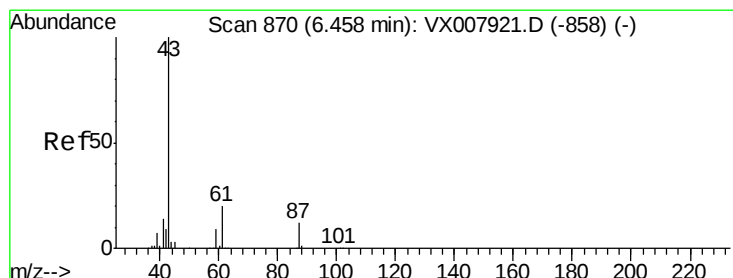
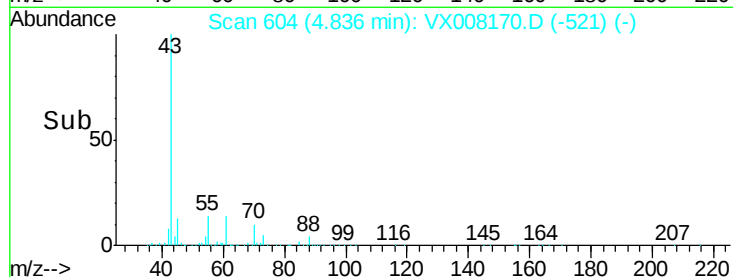
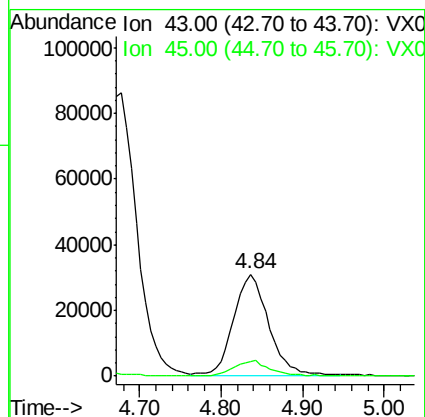
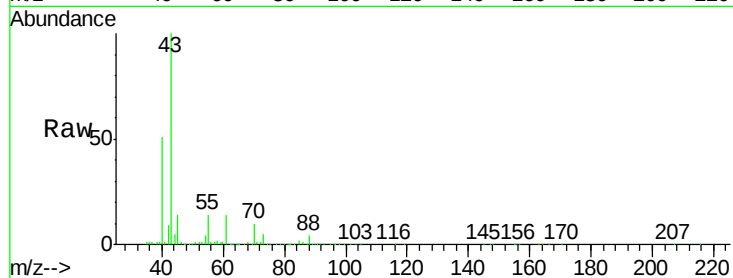




#43
Ethyl Acetate
Concen: 19.118 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

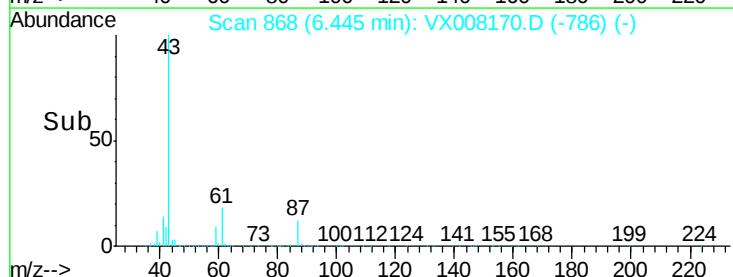
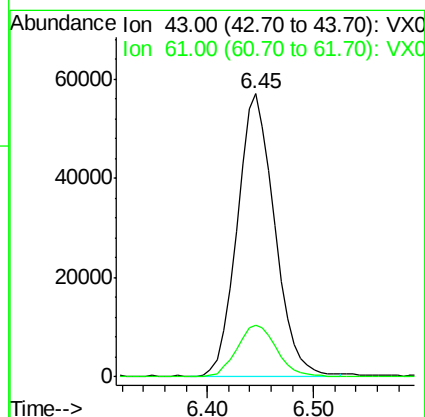
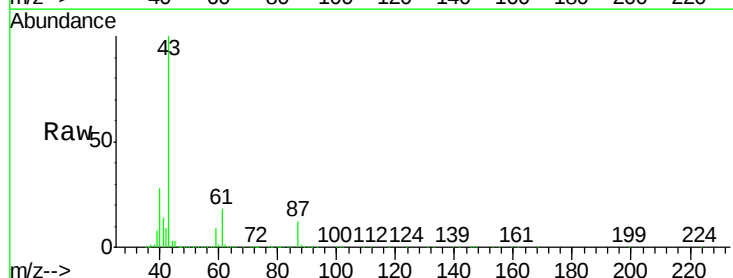
Instrument :
MSVOA_X
ClientSampleID :
VX0318WBSD01

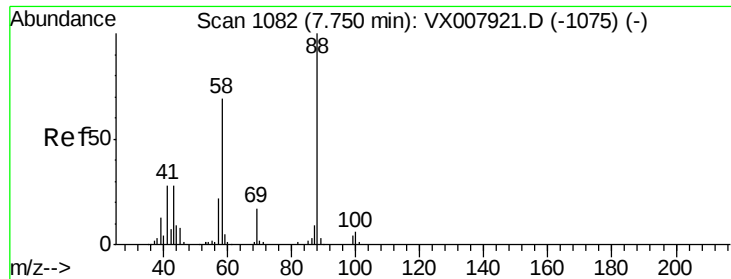
Tot Ion: 43 Resp: 91731
Ion Ratio Lower Upper
43 100
45 14.5 6.9 10.3#



#44
Isopropyl Acetate
Concen: 18.767 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

Tgt Ion: 43 Resp: 139665
Ion Ratio Lower Upper
43 100
61 19.6 16.1 24.1





#45

1,4-Dioxane

Concen: 383.845 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampled :

VX0318WBSD01

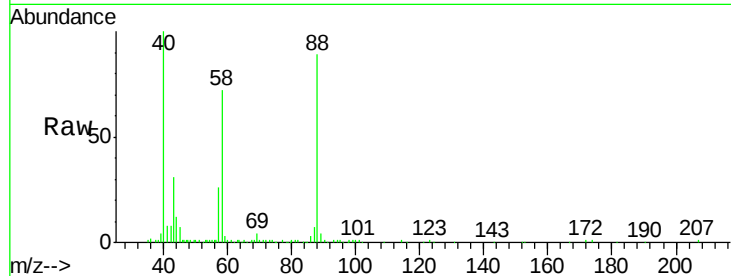
Tot Ion: 88 Resp: 26685

Ion Ratio Lower Upper

88 100

43 37.8 23.6 35.4#

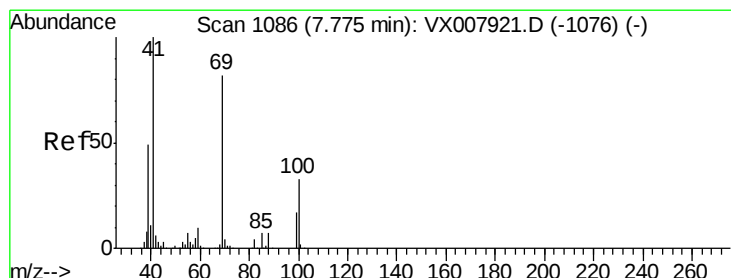
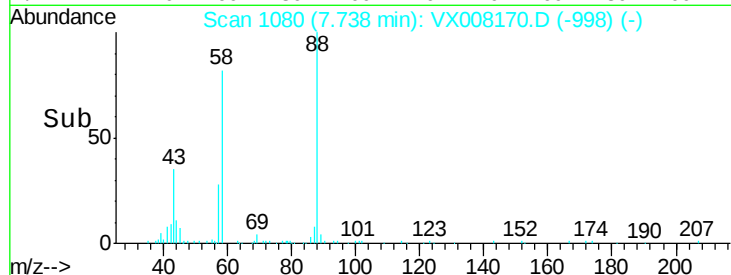
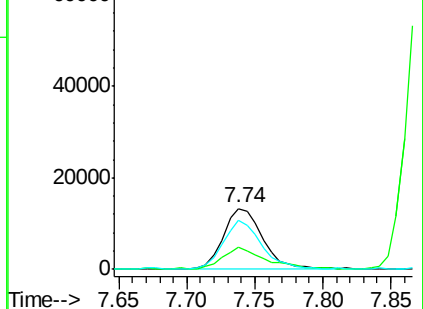
58 76.1 51.6 77.4



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: 18.945 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

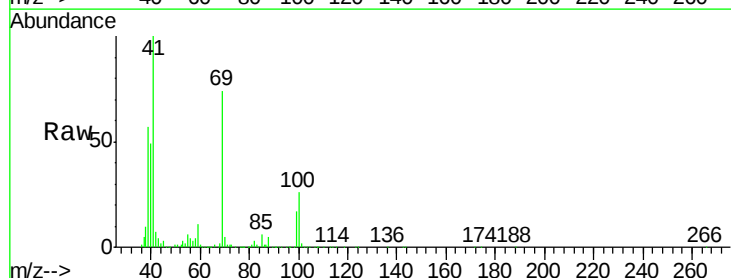
Tgt Ion: 41 Resp: 74392

Ion Ratio Lower Upper

41 100

69 74.0 44.2 132.6

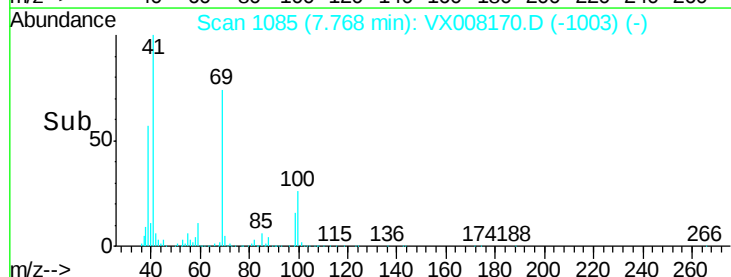
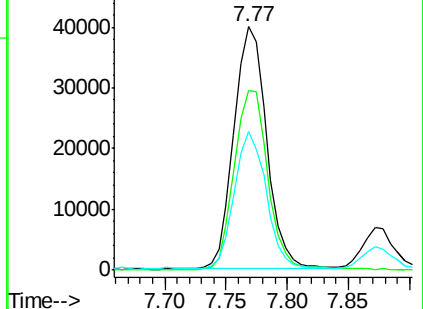
39 56.9 29.9 89.8

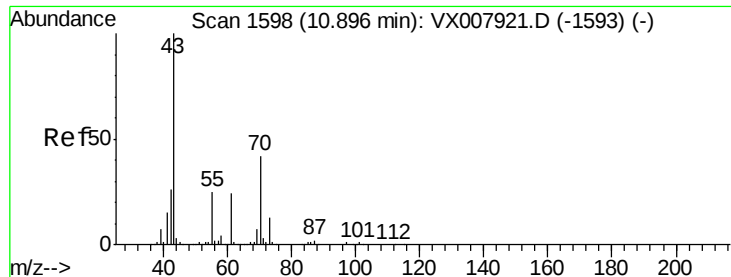


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

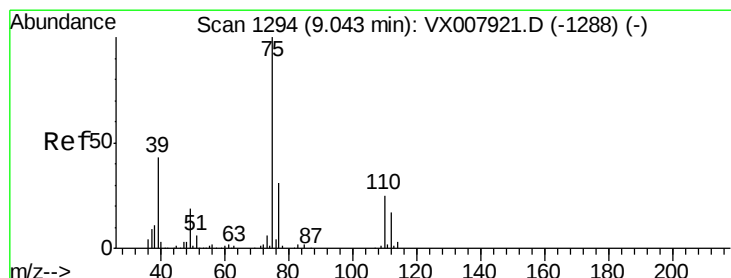
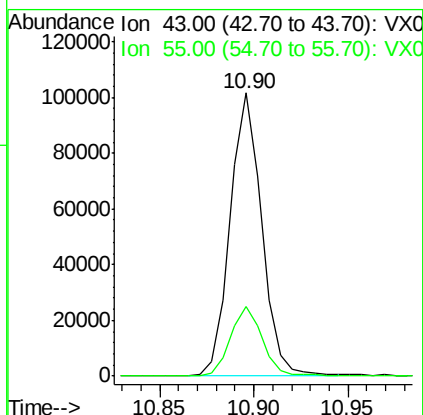
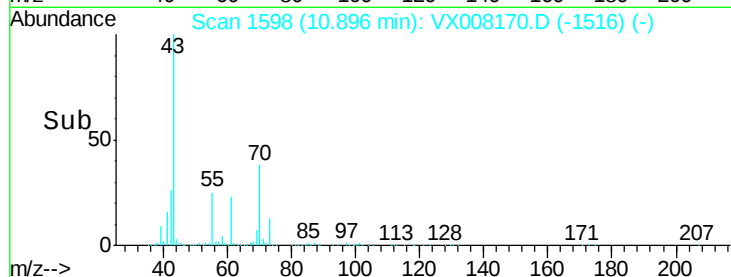
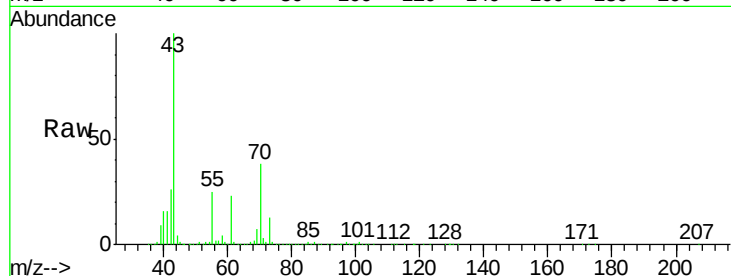




#47
n-amvl Acetate
Concen: 18.512 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

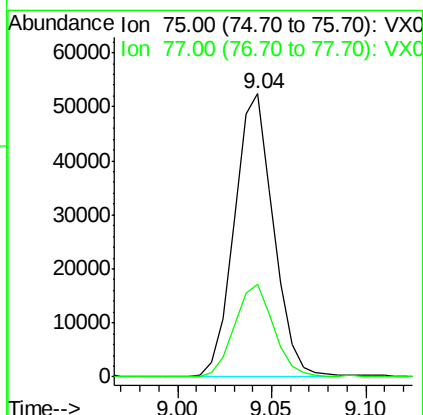
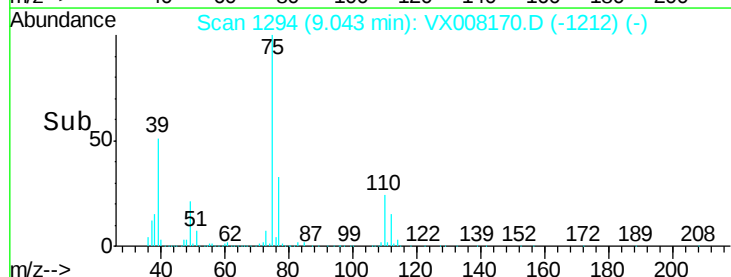
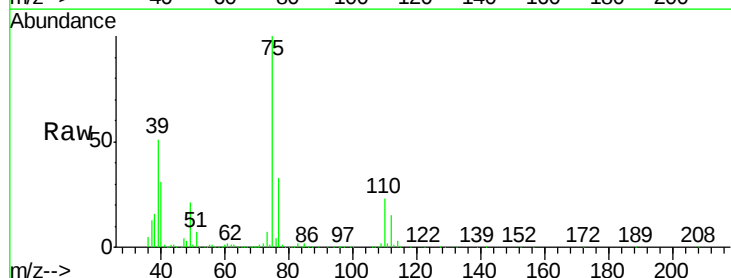
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

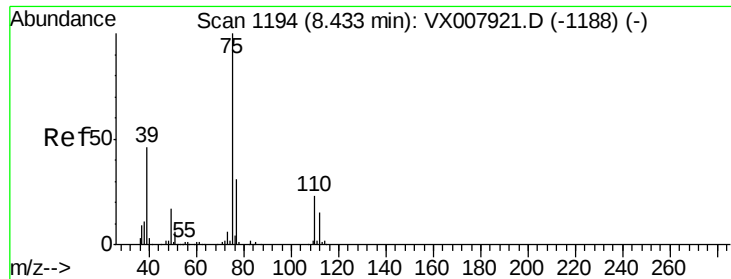
Tot Ion: 43 Resp: 117721
Ion Ratio Lower Upper
43 100
55 25.1 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 18.129 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

Tgt Ion: 75 Resp: 74585
Ion Ratio Lower Upper
75 100
77 32.7 24.5 36.7

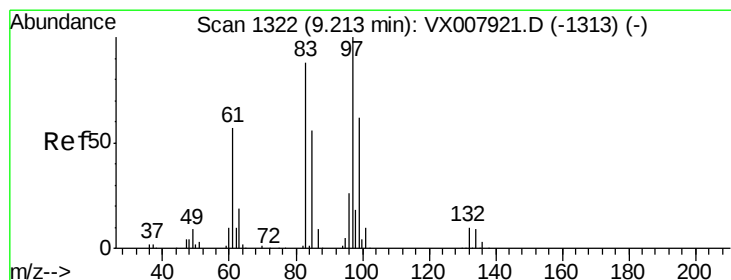
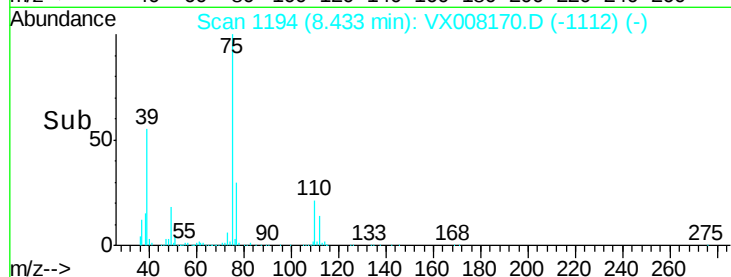
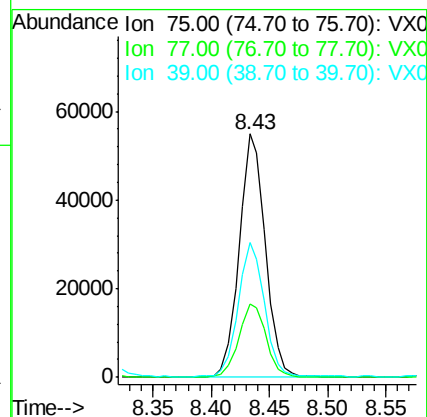
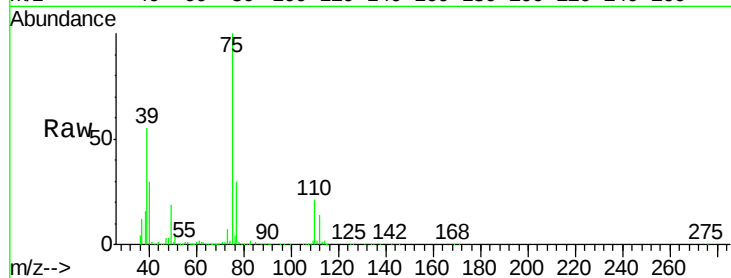




#49
 cis-1,3-Dichloropropene
 Concen: 18.772 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

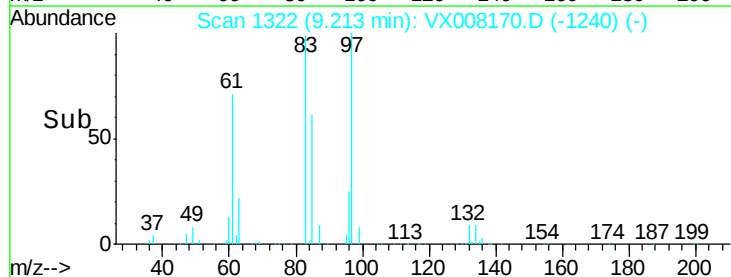
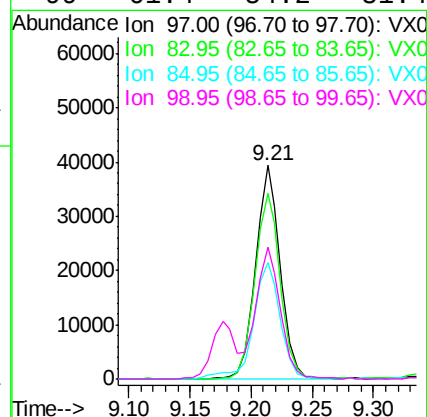
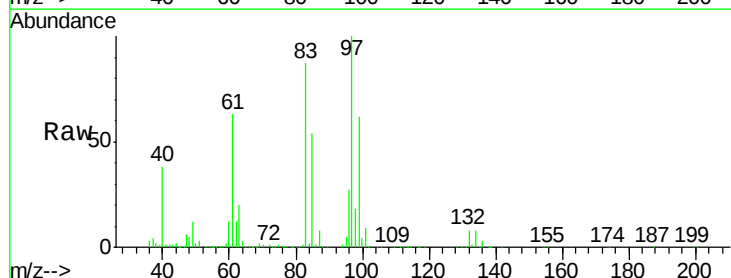
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

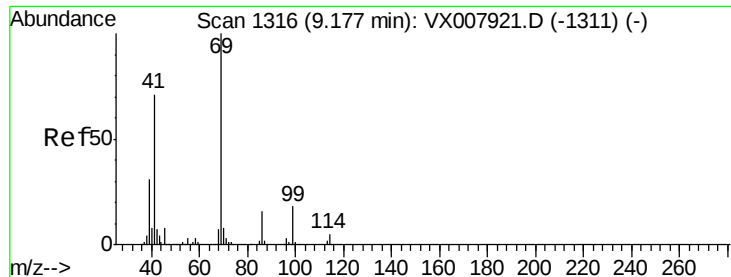
Tot Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.0	37.4
39	55.0	38.5	57.7



#50
 1,1,2-Trichloroethane
 Concen: 20.086 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.1	72.0	108.0
85	54.2	45.0	67.6
99	61.4	54.2	81.4





#51

Ethyl methacrylate

Concen: 19.130 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

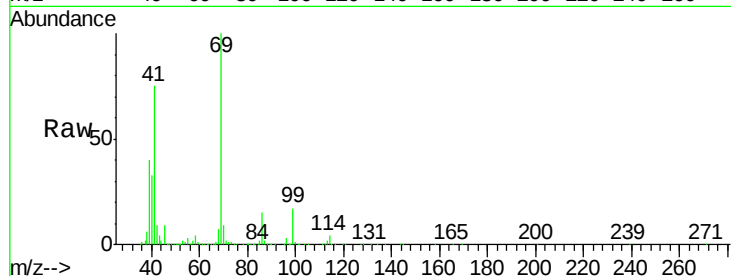
Tot Ion: 69 Resp: 85710

Ion Ratio Lower Upper

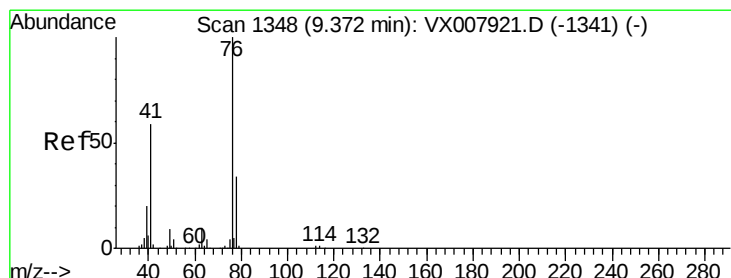
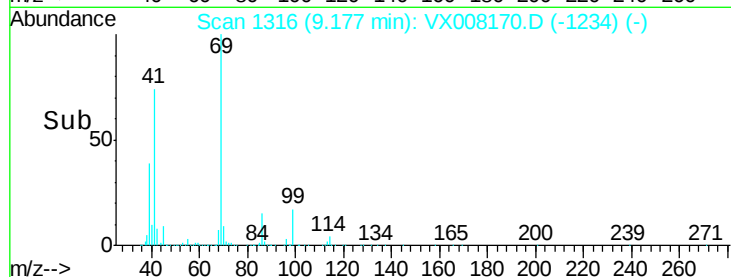
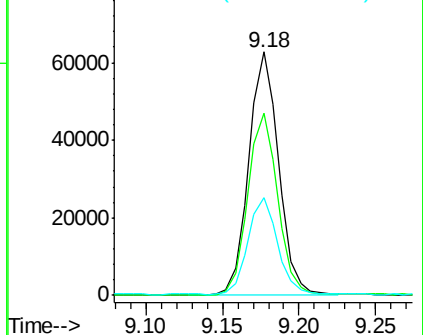
69 100

41 74.7 32.1 96.5

39 39.7 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: 19.342 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008170.D

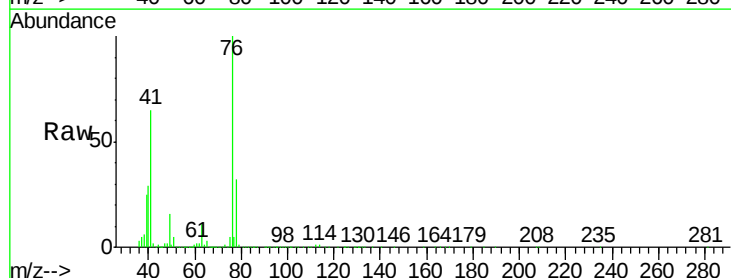
Acq: 18 Mar 2019 17:20

Tgt Ion: 76 Resp: 95716

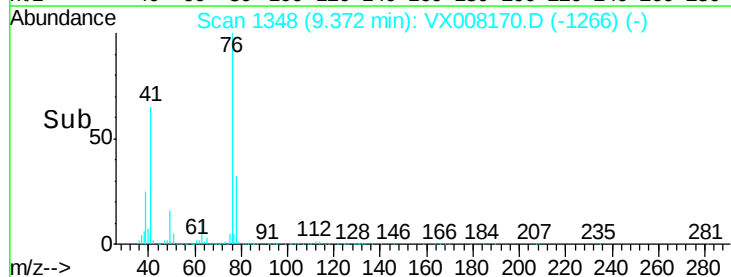
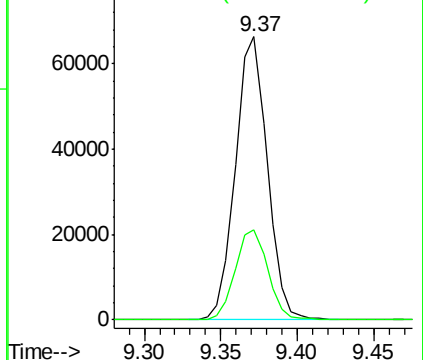
Ion Ratio Lower Upper

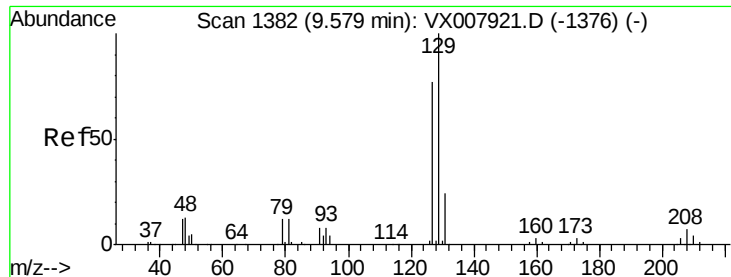
76 100

78 32.6 0.0 65.2



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

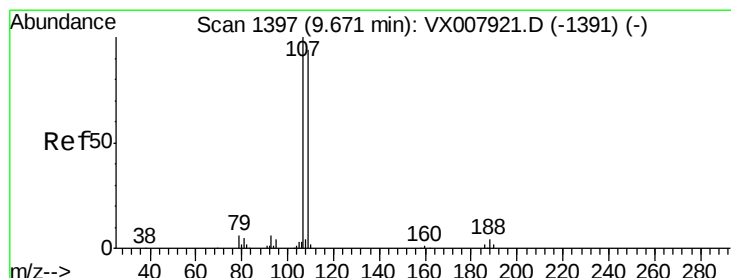
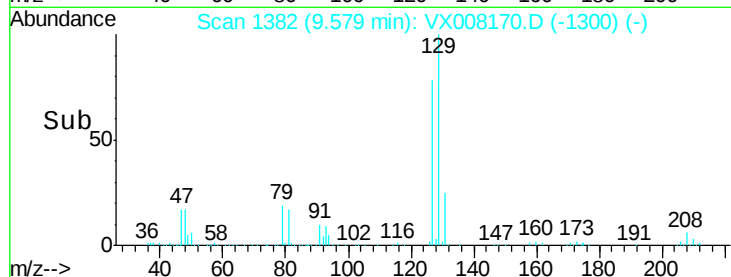
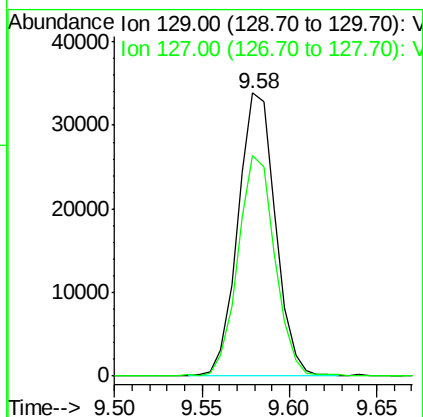
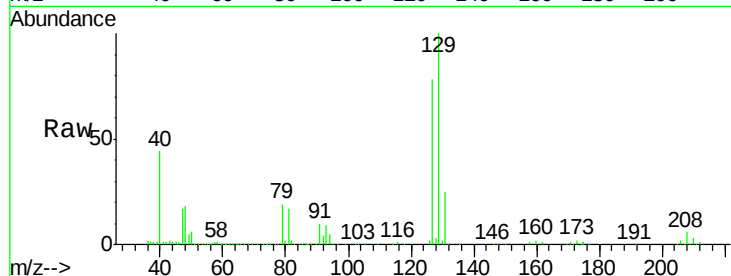




#53
 Dibromochloromethane
 Concen: 18.826 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

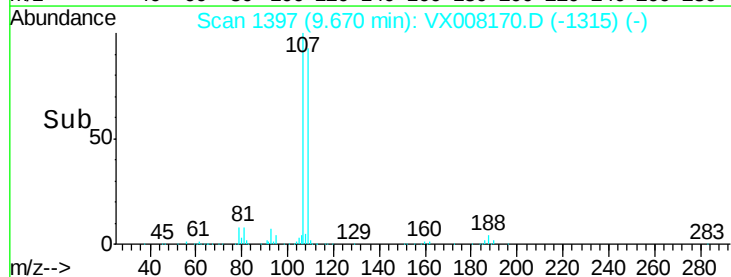
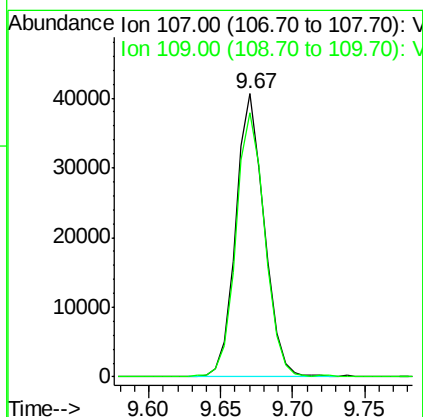
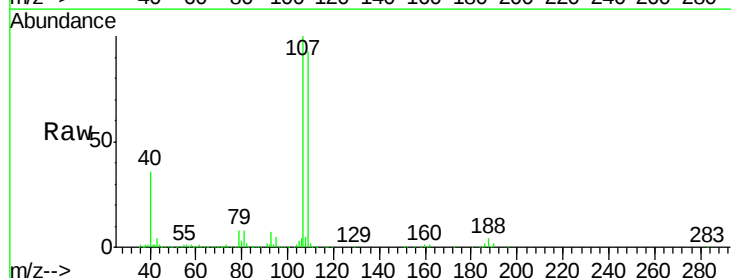
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

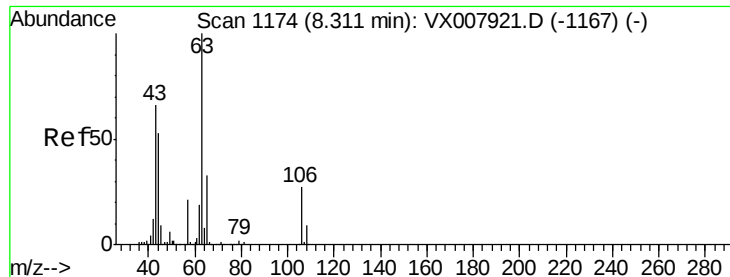
Tot Ion:129 Resp: 50309
 Ion Ratio Lower Upper
 129 100
 127 77.0 38.4 115.2



#54
 1,2-Dibromoethane
 Concen: 19.412 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

Tgt Ion:107 Resp: 55993
 Ion Ratio Lower Upper
 107 100
 109 93.2 76.6 115.0





#55

2-Chloroethyl vinyl ether

Concen: 99.983 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

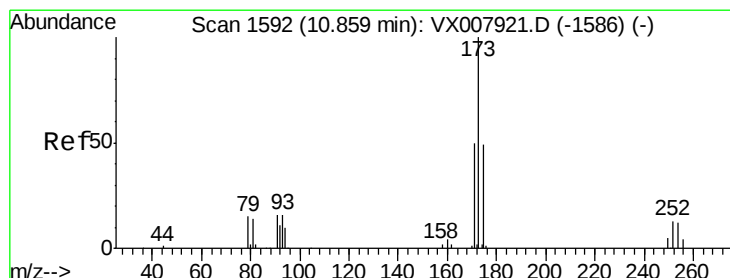
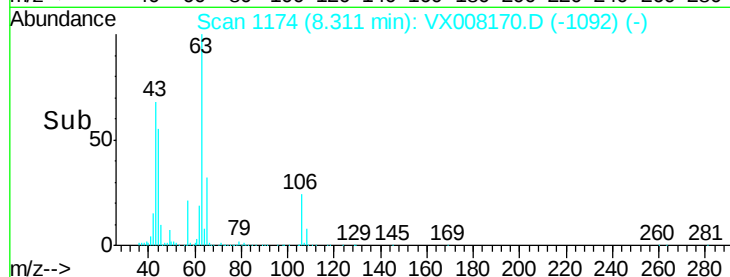
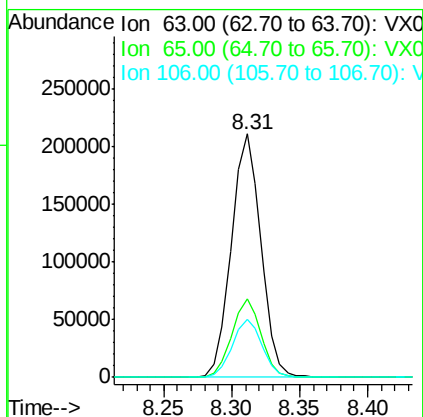
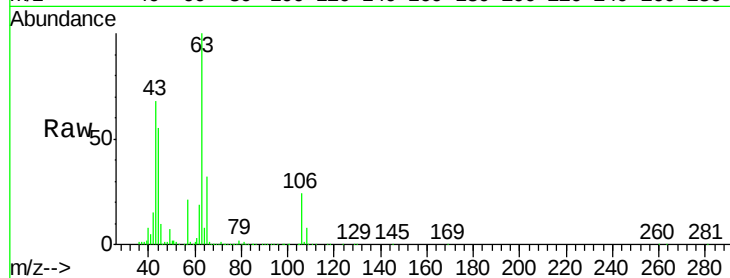
Tot Ion: 63 Resp: 318925

Ion Ratio Lower Upper

63 100

65 31.7 25.7 38.5

106 24.0 23.7 35.5



#56

Bromoform

Concen: 18.270 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

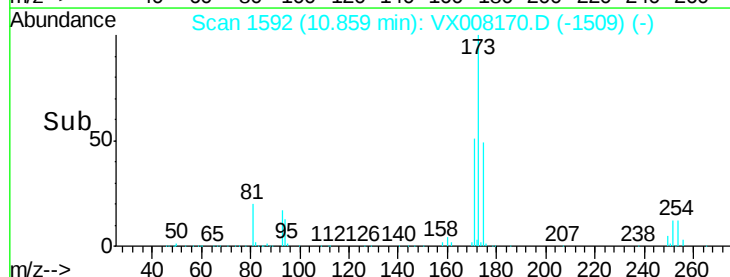
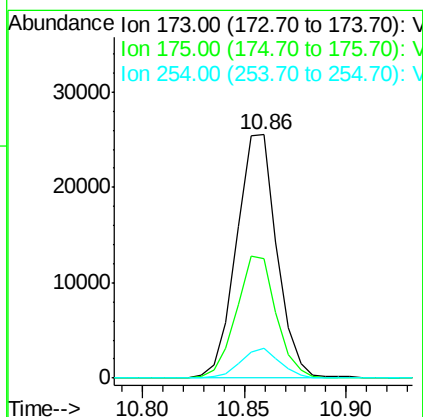
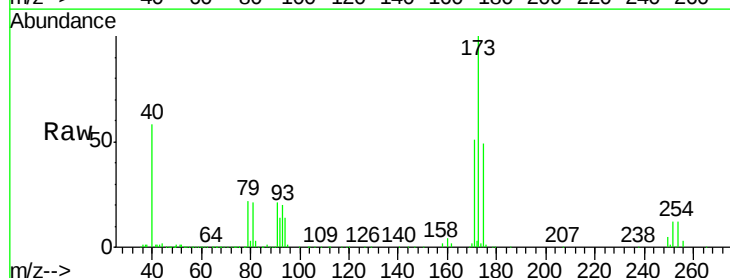
Tgt Ion: 173 Resp: 35127

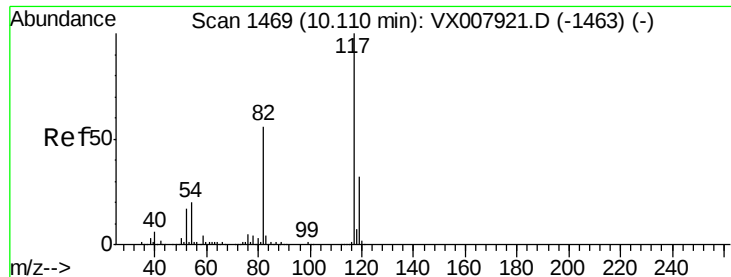
Ion Ratio Lower Upper

173 100

175 49.8 38.5 57.7

254 11.7 7.4 11.2#

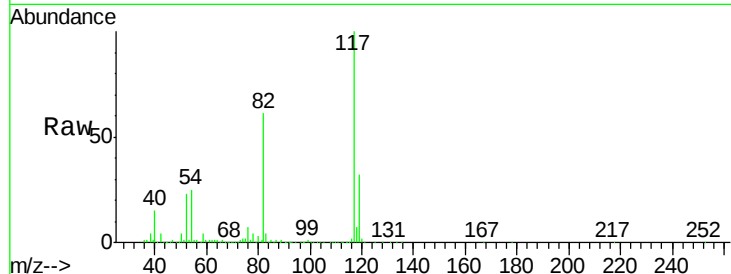




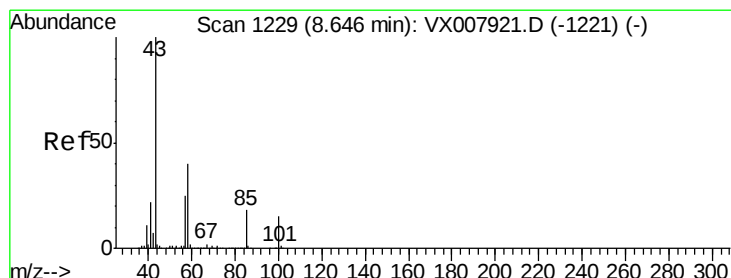
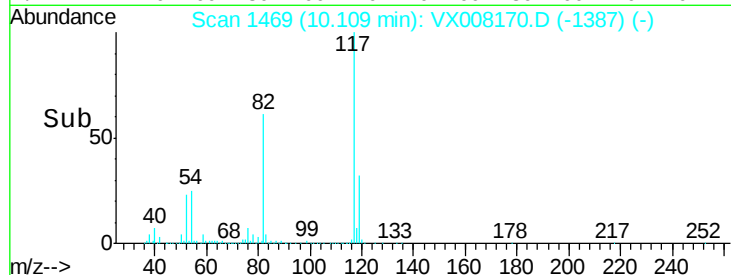
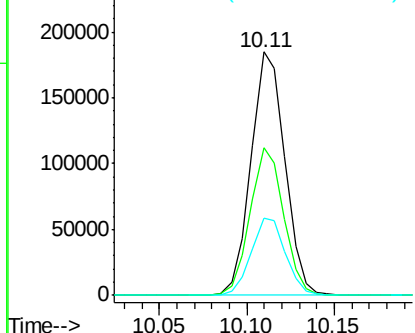
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	40.4	60.6
119	31.9	25.8	38.6

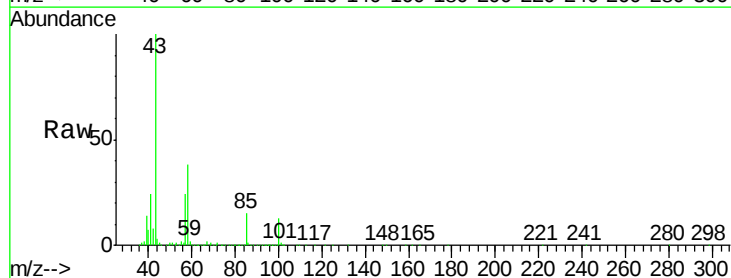


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

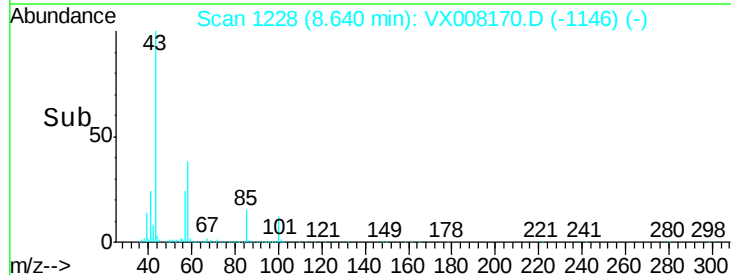
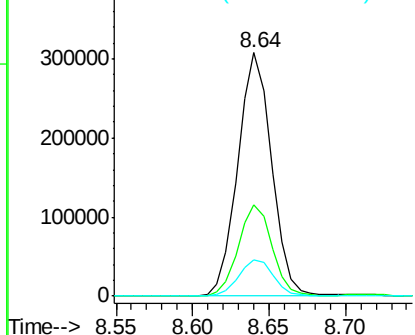


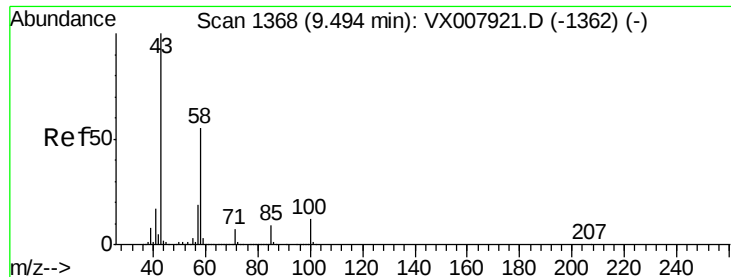
#58
4-Methyl-2-Pentanone
Concen: 98.727 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.6	31.4	47.0
85	15.5	15.0	22.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

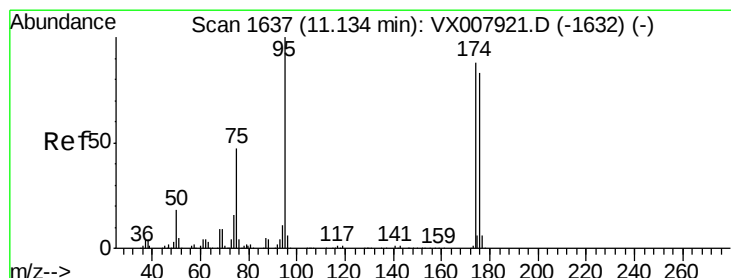
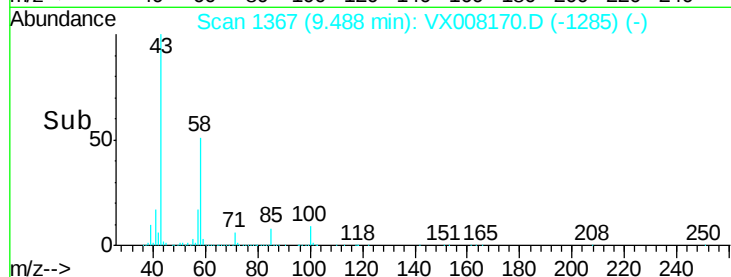
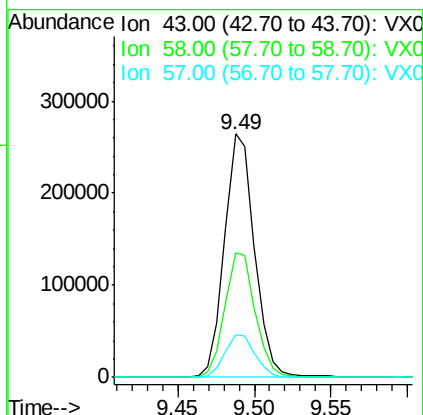
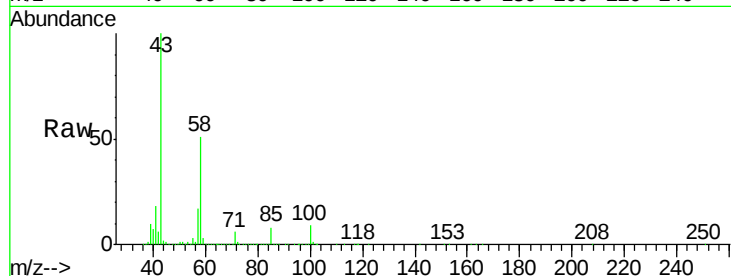




#59
2-Hexanone
Concen: 95.359 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

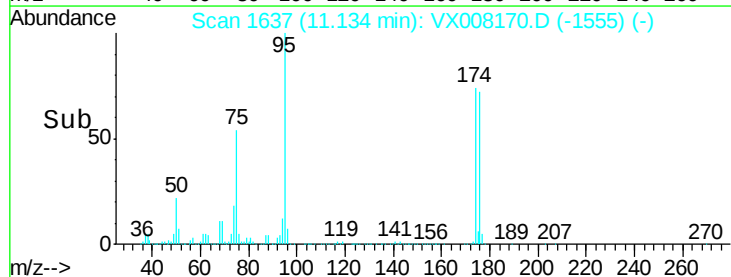
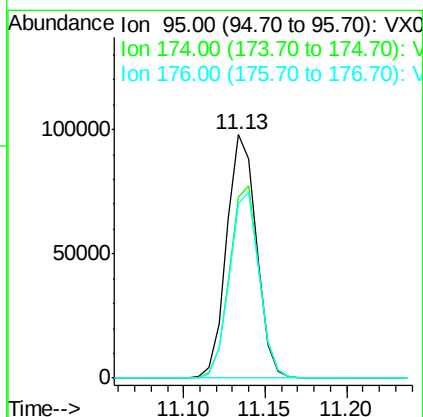
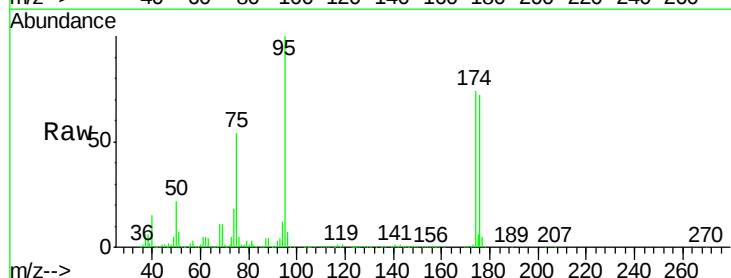
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

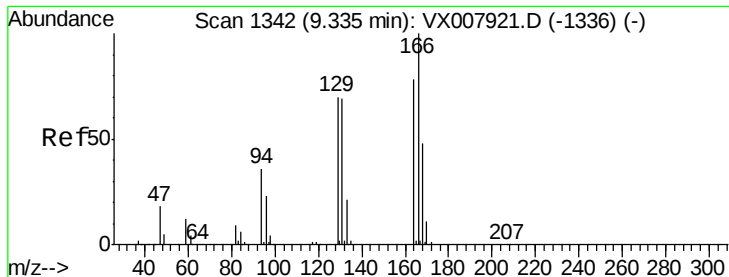
Tot Ion: 43 Resp: 359286
Ion Ratio Lower Upper
43 100
58 52.0 43.9 65.9
57 17.9 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 29.723 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

Tgt Ion: 95 Resp: 123863
Ion Ratio Lower Upper
95 100
174 78.6 74.9 112.3
176 76.2 70.7 106.1





#61

Tetrachloroethene

Concen: 20.188 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion:164 Resp: 50767

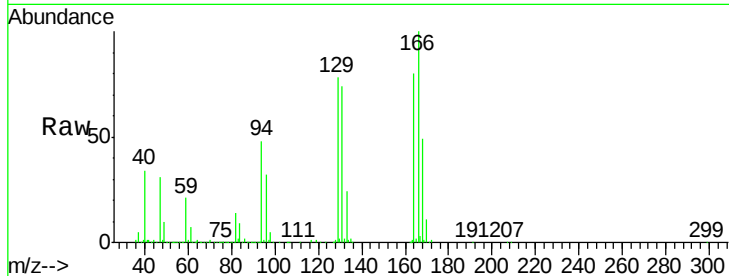
Ion Ratio Lower Upper

164 100

166 124.5 103.9 155.9

129 96.9 74.7 112.1

131 92.6 71.7 107.5

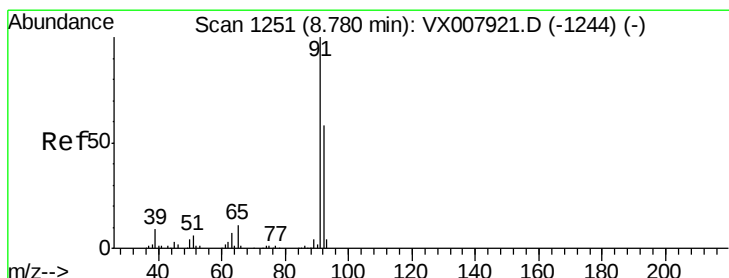
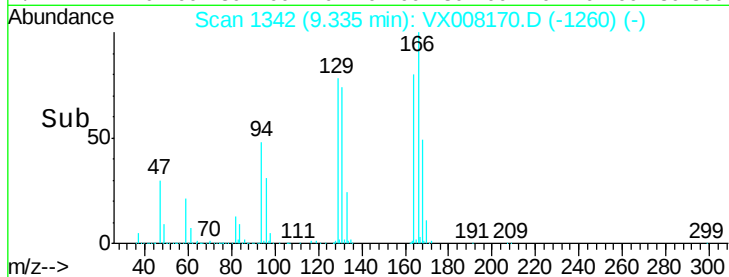
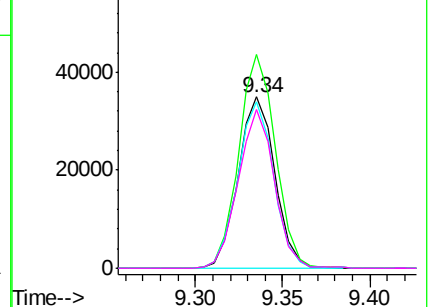


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.465 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008170.D

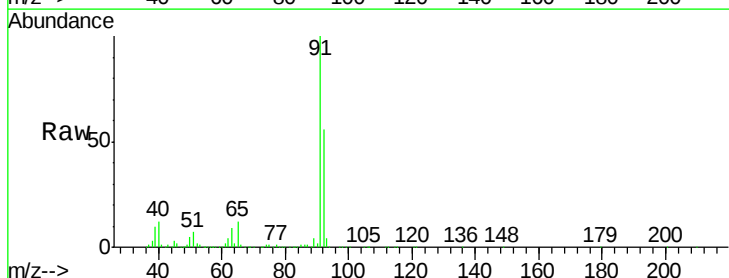
Acq: 18 Mar 2019 17:20

Tgt Ion: 91 Resp: 229856

Ion Ratio Lower Upper

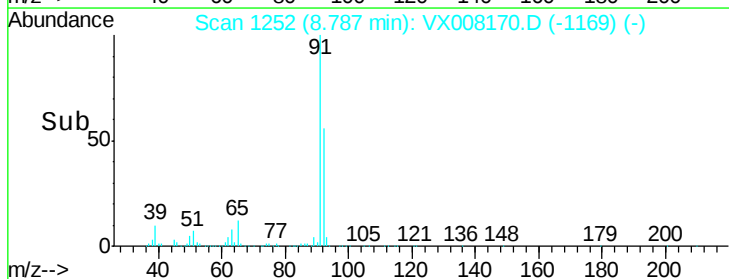
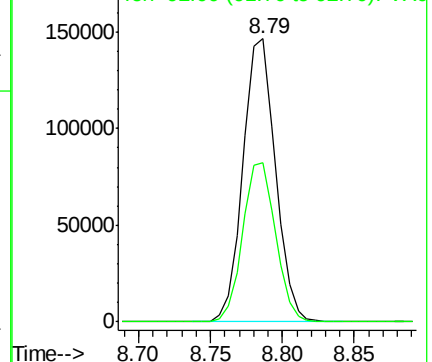
91 100

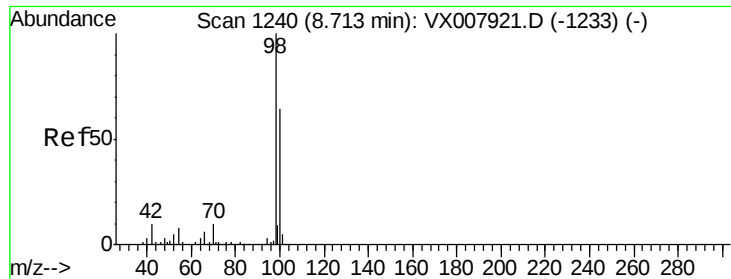
92 57.0 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.332 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

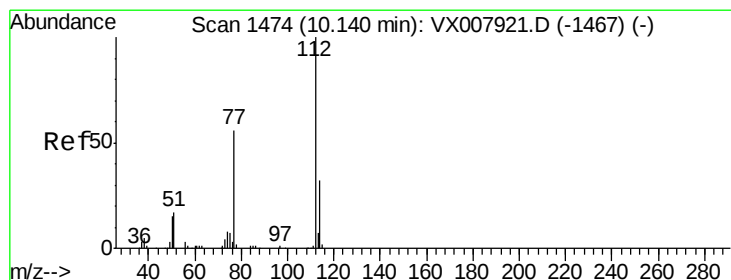
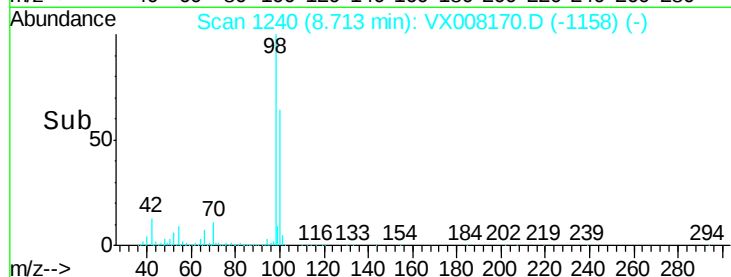
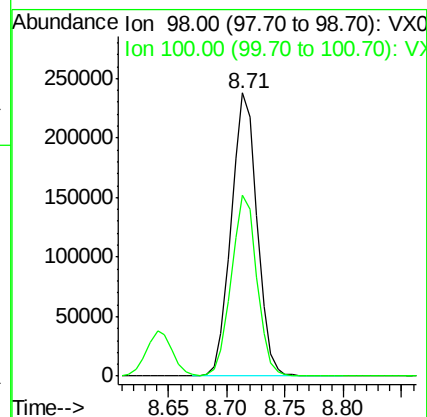
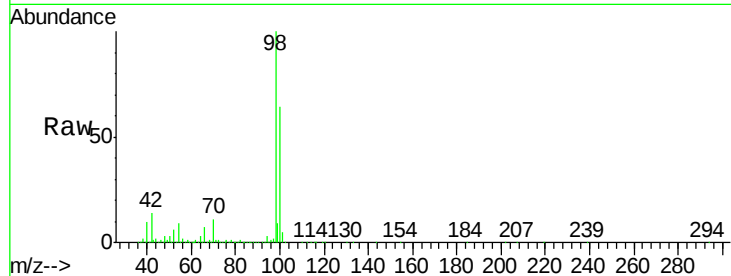
VX0318WBSD01

Tot Ion: 98 Resp: 367984

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



#64

Chlorobenzene

Concen: 19.192 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX008170.D

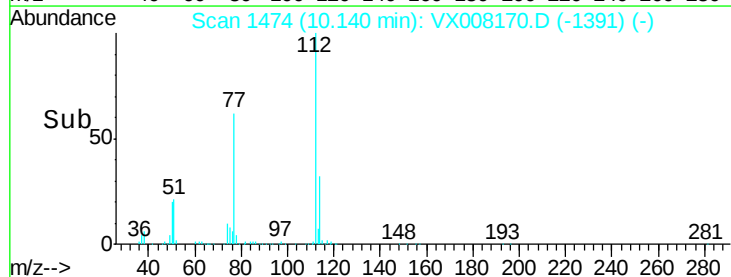
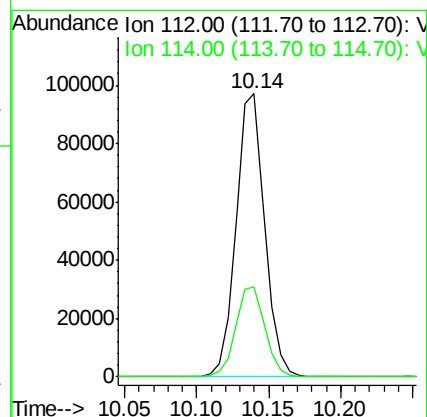
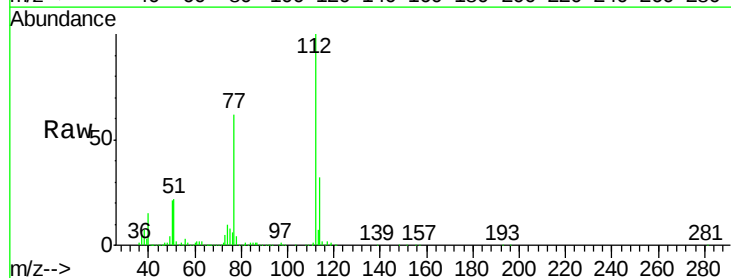
Acq: 18 Mar 2019 17:20

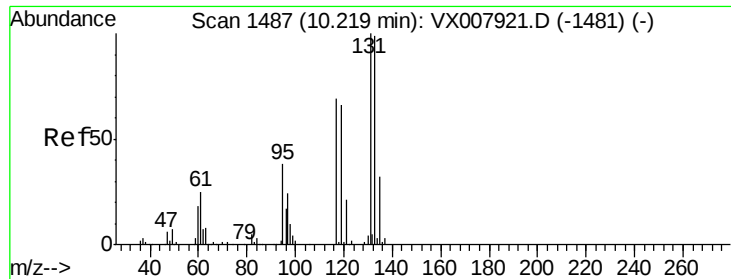
Tgt Ion: 112 Resp: 134881

Ion Ratio Lower Upper

112 100

114 31.8 25.4 38.2

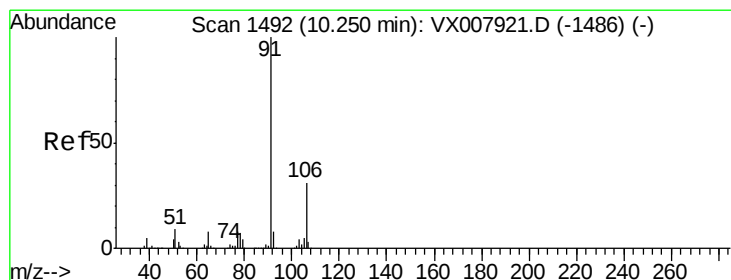
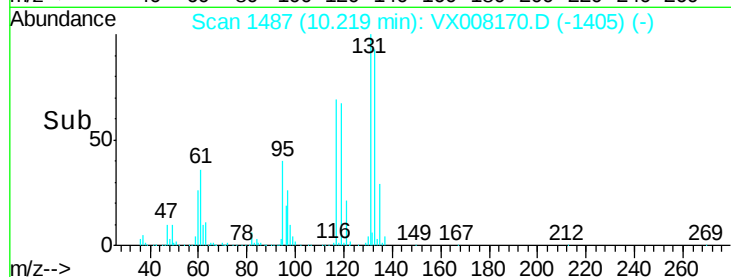
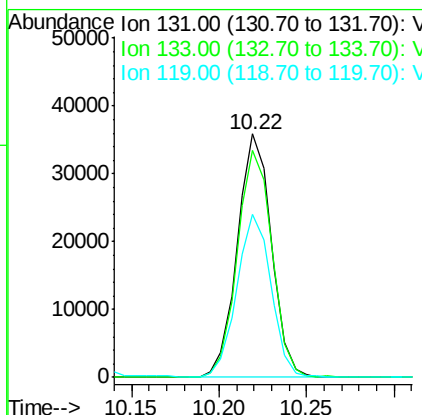
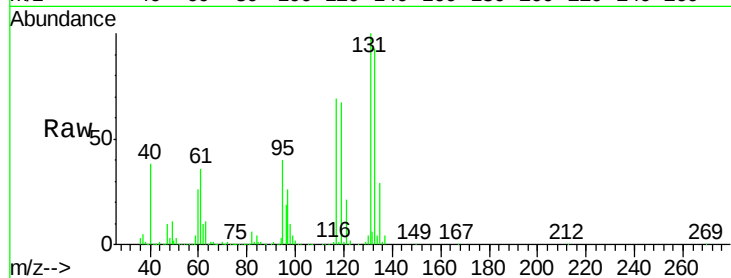




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.729 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

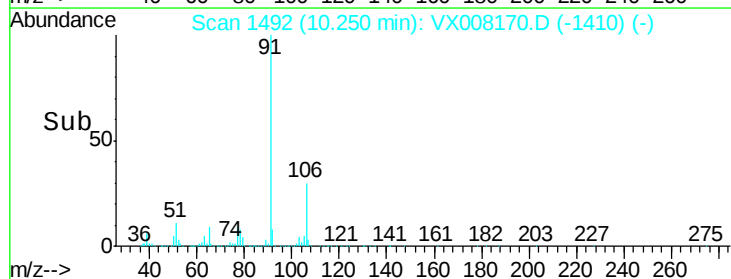
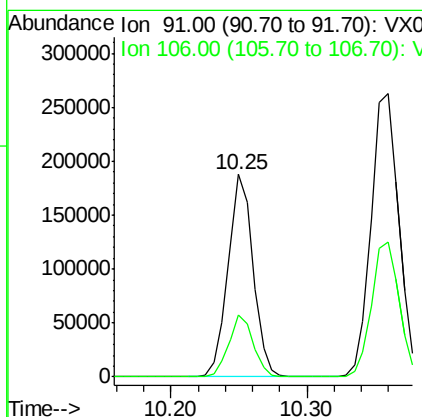
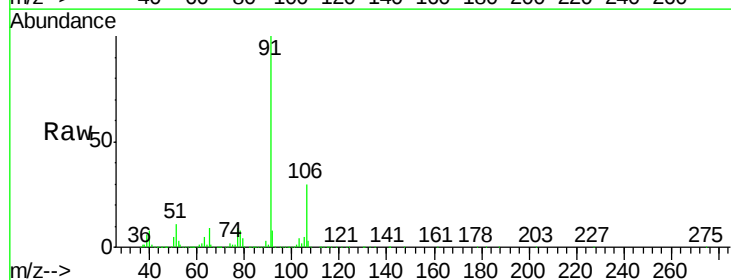
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

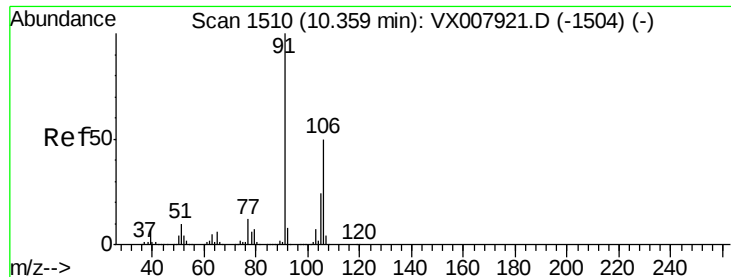
Tot Ion:131 Resp: 48621
 Ion Ratio Lower Upper
 131 100
 133 94.7 0.0 191.6
 119 67.7 0.0 127.4



#66
 Ethyl Benzene
 Concen: 19.096 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

Tgt Ion: 91 Resp: 240854
 Ion Ratio Lower Upper
 91 100
 106 30.4 26.0 39.0





#67

m/p-Xylenes

Concen: 37.805 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

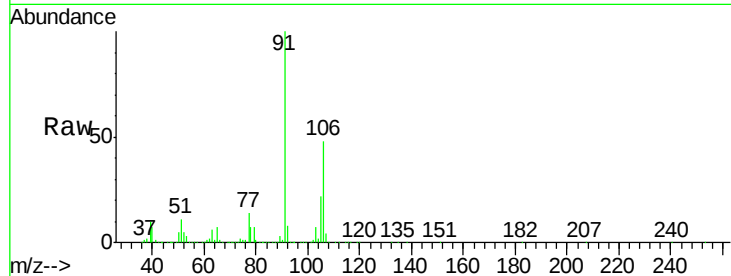
VX0318WBSD01

Tot Ion:106 Resp: 176152

Ion Ratio Lower Upper

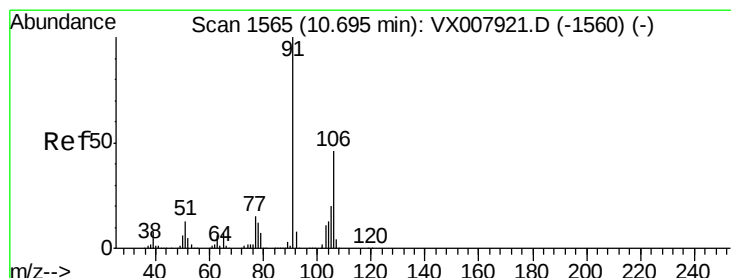
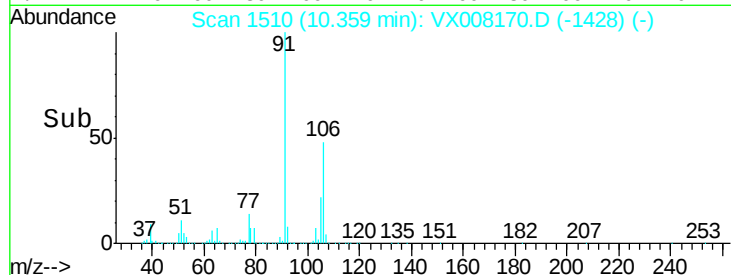
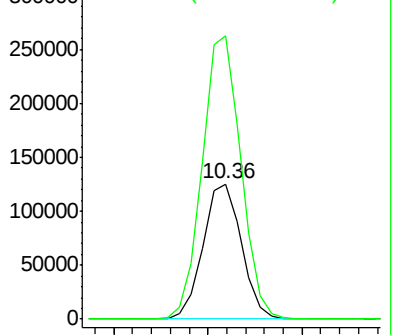
106 100

91 210.9 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.168 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX008170.D

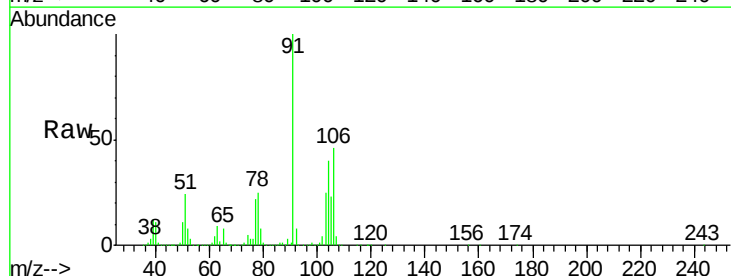
Acq: 18 Mar 2019 17:20

Tgt Ion:106 Resp: 85825

Ion Ratio Lower Upper

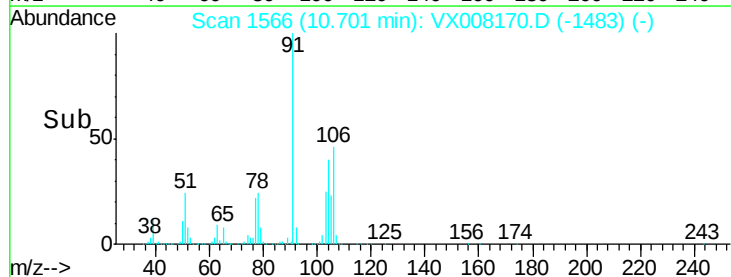
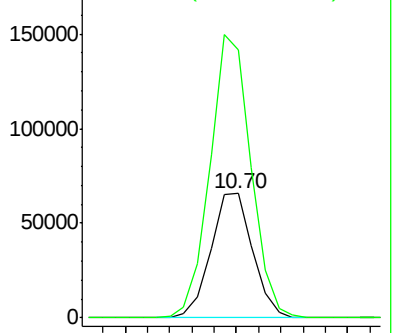
106 100

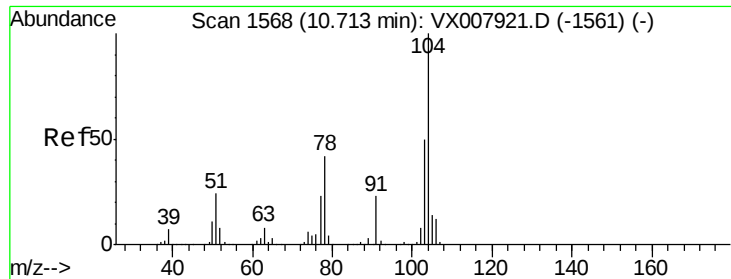
91 223.1 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

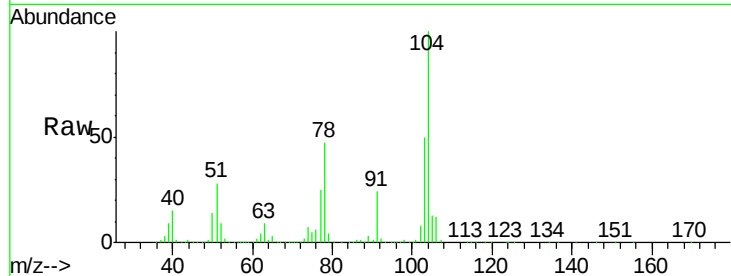




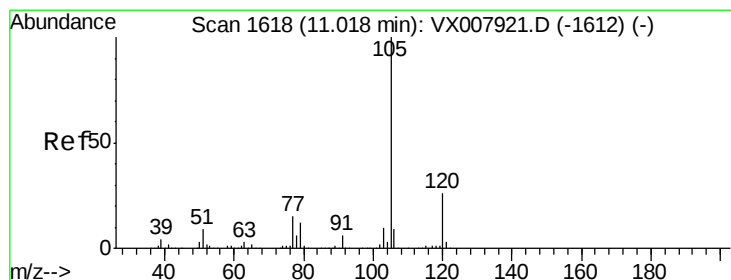
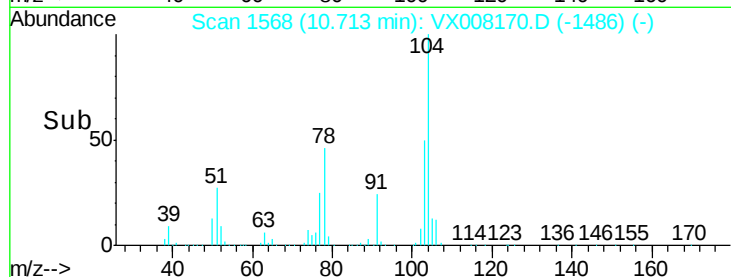
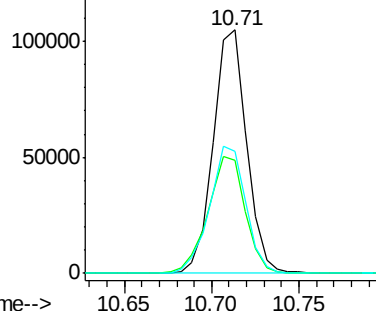
#69
Stvrene
Concen: 19.173 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.2	38.2	57.2
103	56.4	45.0	67.4

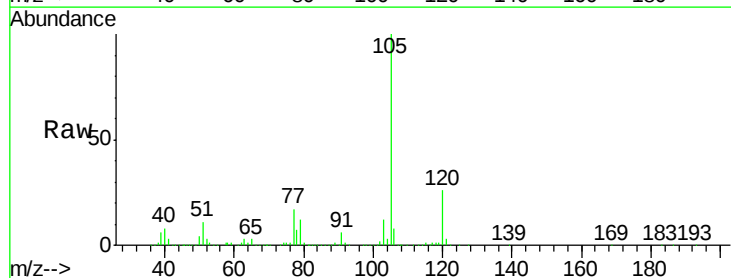


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

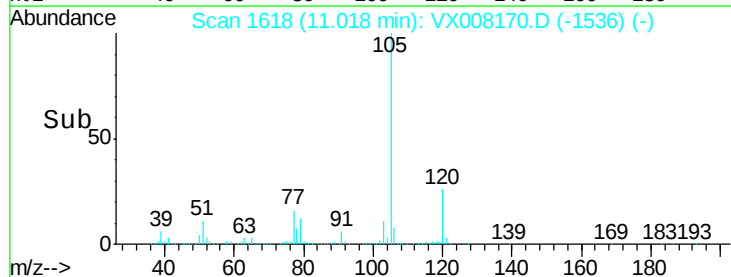
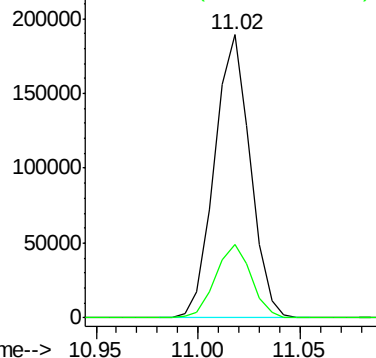


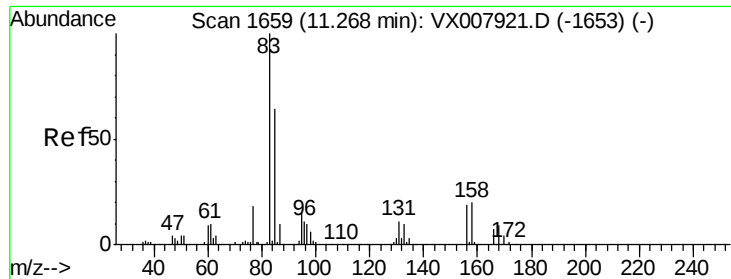
#70
Isopropylbenzene
Concen: 19.098 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	19.8	36.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

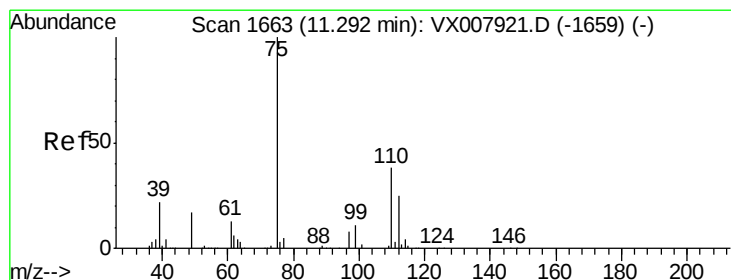
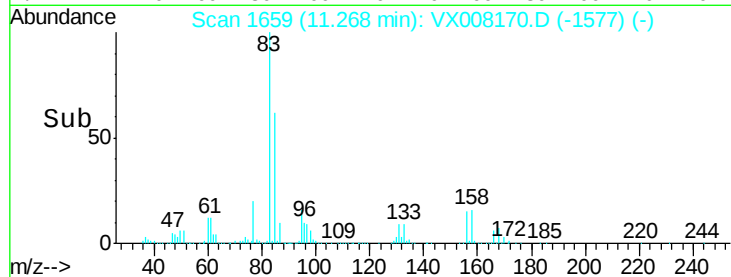
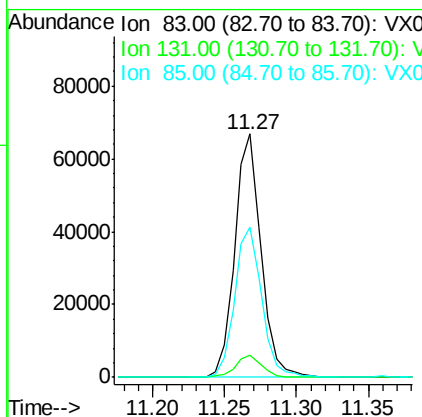
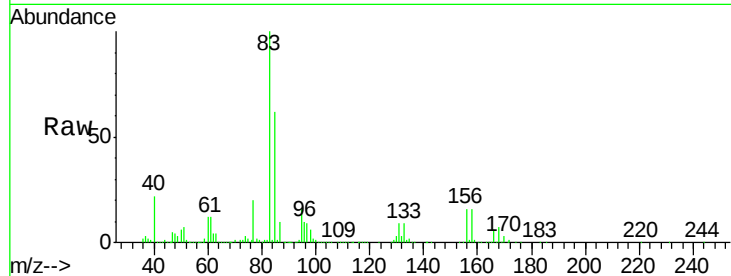




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.213 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

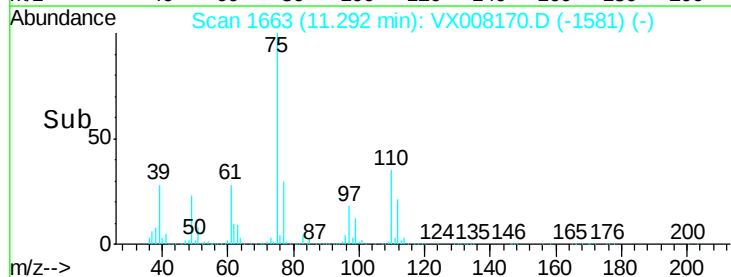
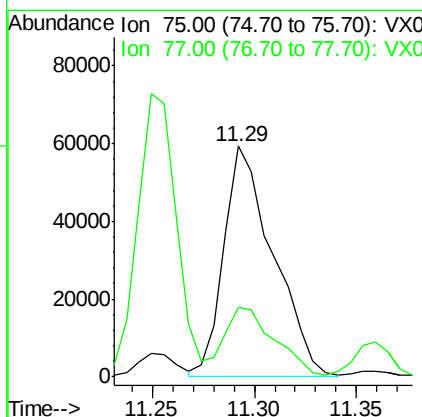
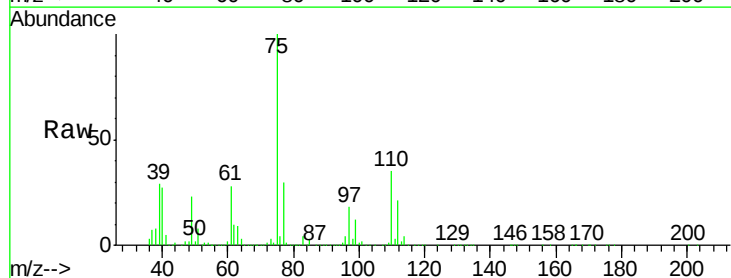
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

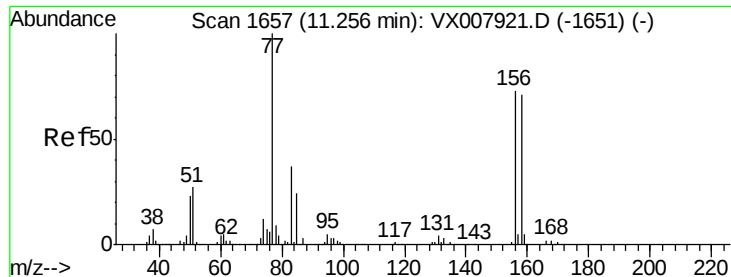
Tot Ion: 83 Resp: 85480
 Ion Ratio Lower Upper
 83 100
 131 9.1 5.4 16.2
 85 63.7 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 27.310 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

Tgt Ion: 75 Resp: 99593
 Ion Ratio Lower Upper
 75 100
 77 31.2 0.0 76.4





#73

Bromobenzene

Concen: 19.215 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

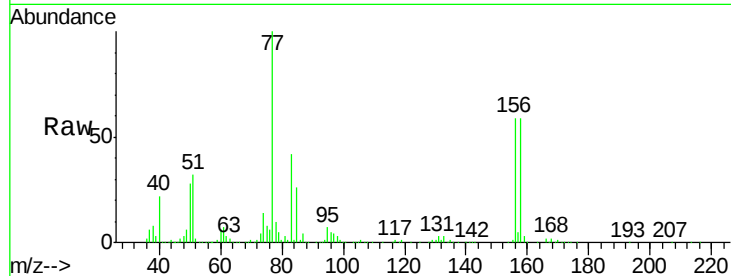
Tot Ion:156 Resp: 54917

Ion Ratio Lower Upper

156 100

77 173.6 0.0 271.4

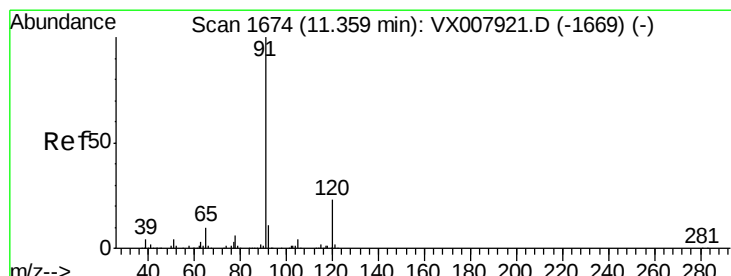
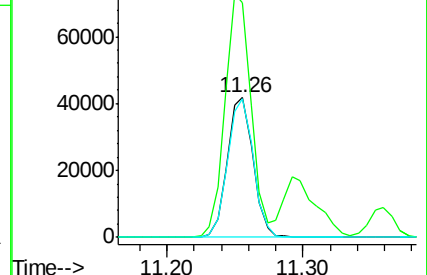
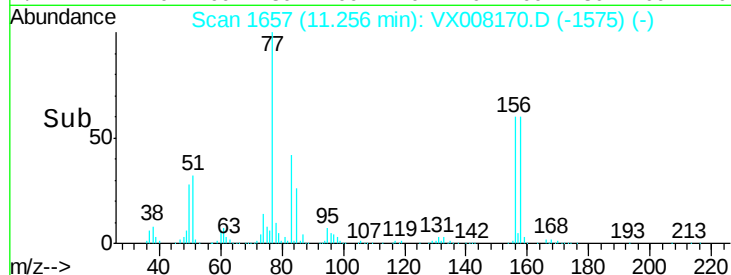
158 98.6 0.0 194.0



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: 18.641 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008170.D

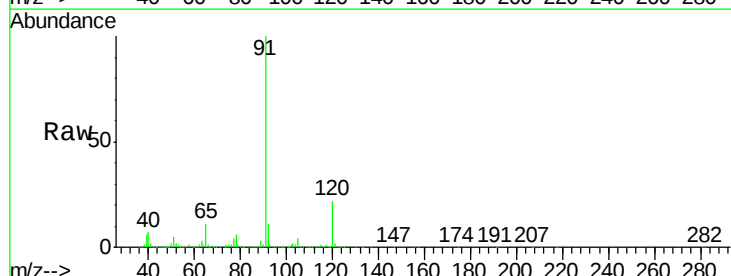
Acq: 18 Mar 2019 17:20

Tgt Ion: 91 Resp: 266451

Ion Ratio Lower Upper

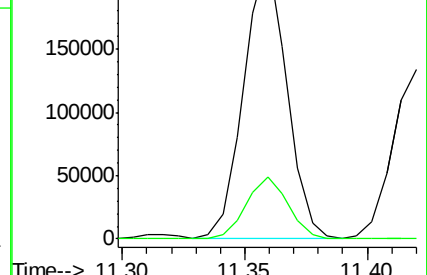
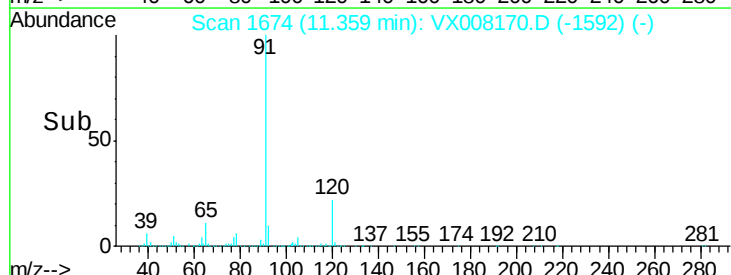
91 100

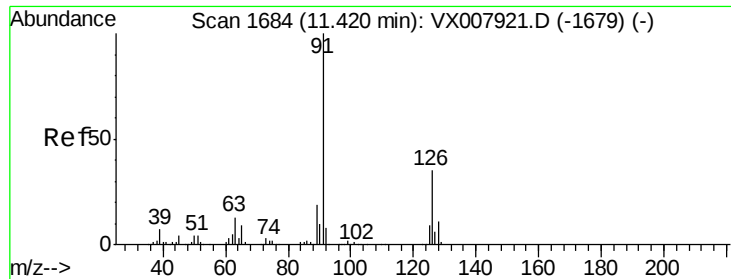
120 21.8 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.557 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

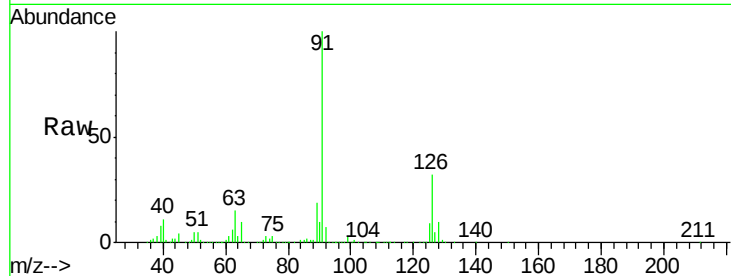
VX0318WBSD01

Tot Ion: 91 Resp: 164227

Ion Ratio Lower Upper

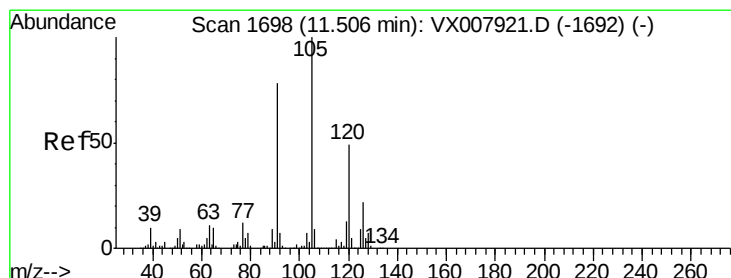
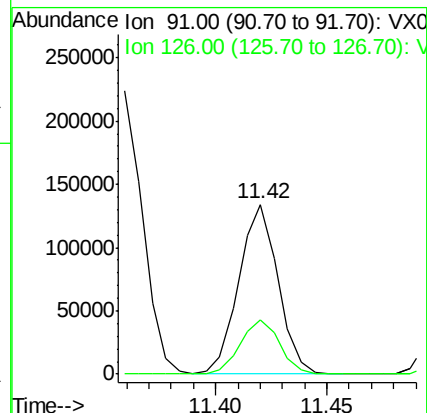
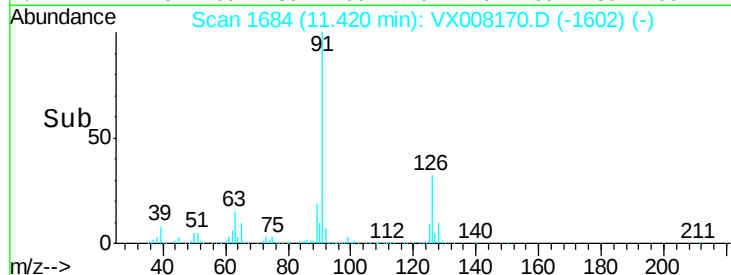
91 100

126 32.0 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX008170.D (-1602) (-)

Ion 126.00 (125.70 to 126.70): VX008170.D (-1602) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.152 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008170.D

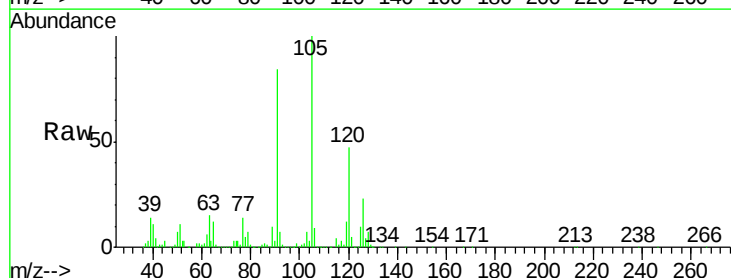
Acq: 18 Mar 2019 17:20

Tgt Ion: 105 Resp: 191206

Ion Ratio Lower Upper

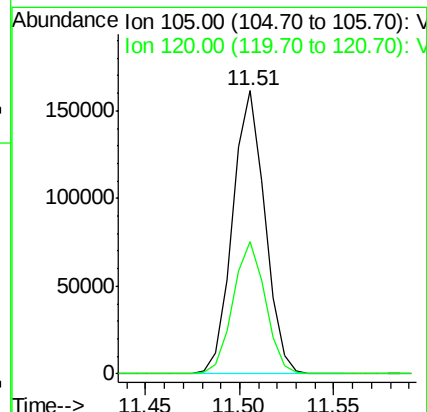
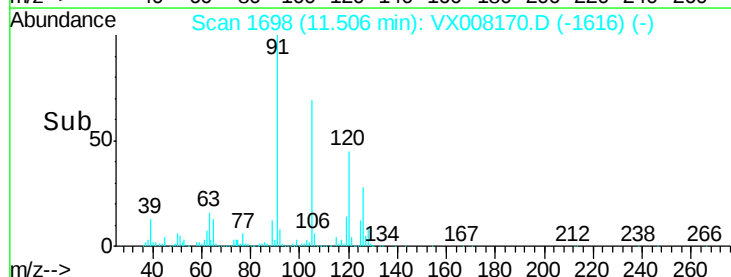
105 100

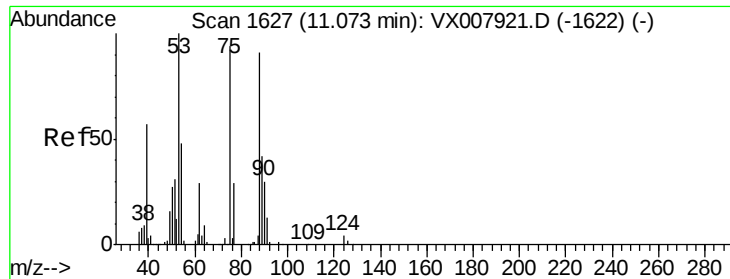
120 46.9 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX008170.D (-1616) (-)

Ion 120.00 (119.70 to 120.70): VX008170.D (-1616) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.360 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

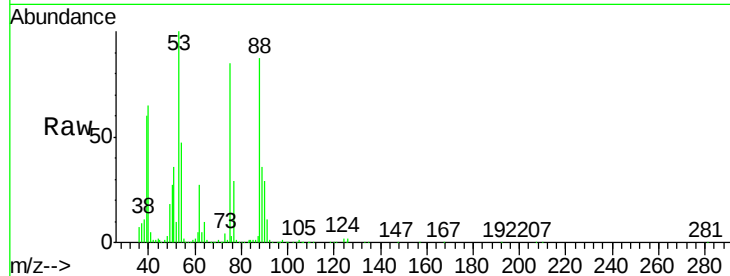
Tot Ion: 75 Resp: 24059

Ion Ratio Lower Upper

75 100

53 117.4 55.5 166.7

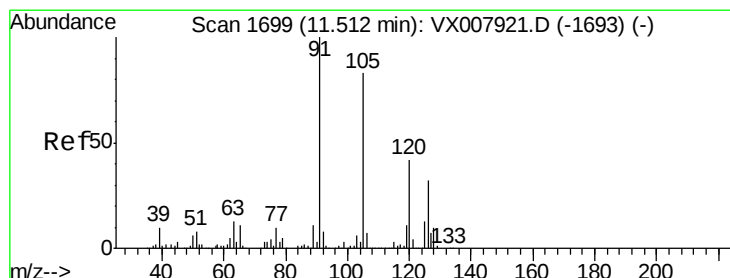
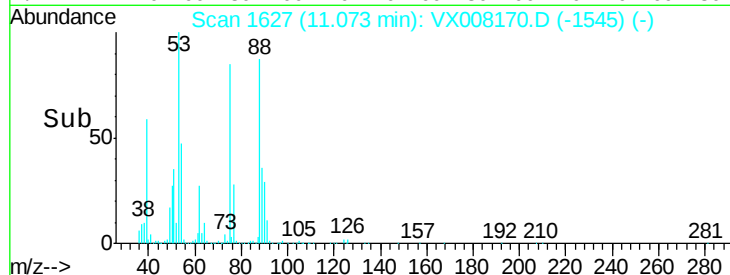
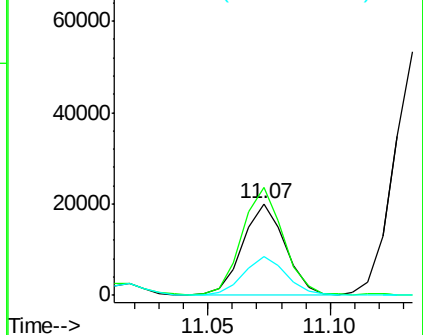
89 42.3 24.4 73.2



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: 18.964 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008170.D

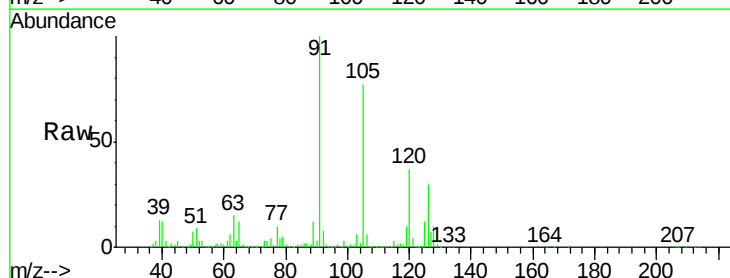
Acq: 18 Mar 2019 17:20

Tgt Ion: 91 Resp: 183436

Ion Ratio Lower Upper

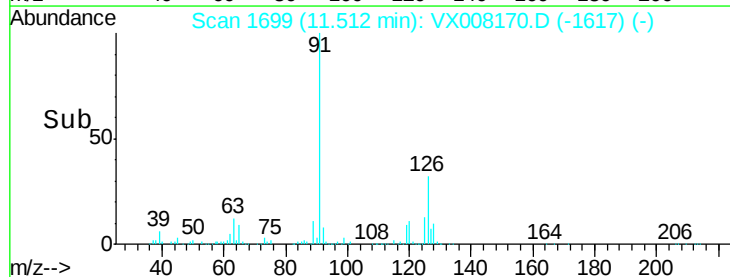
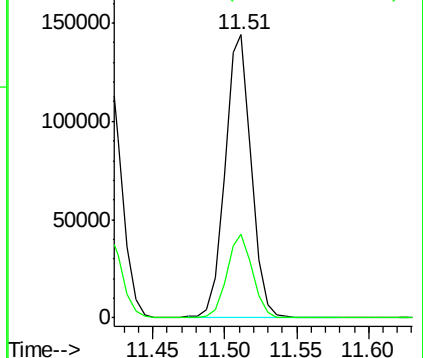
91 100

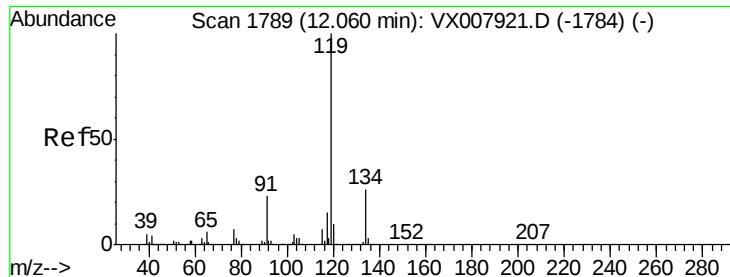
126 28.7 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

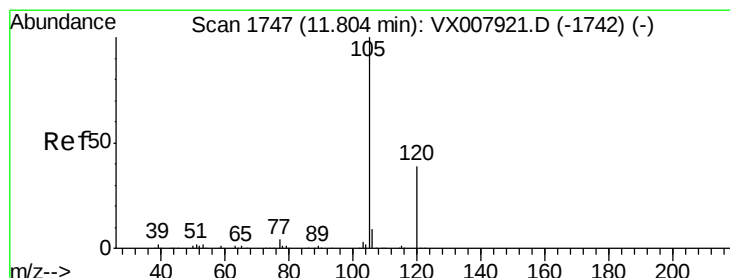
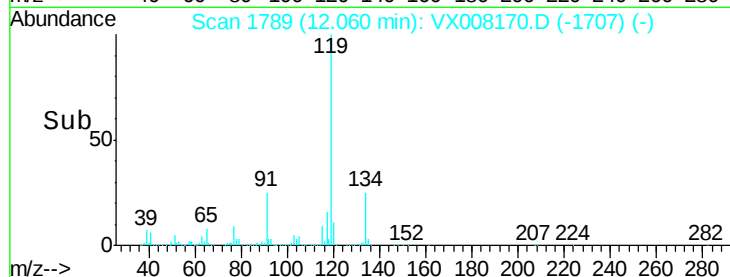
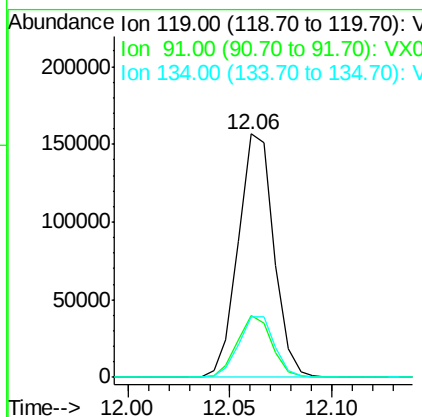
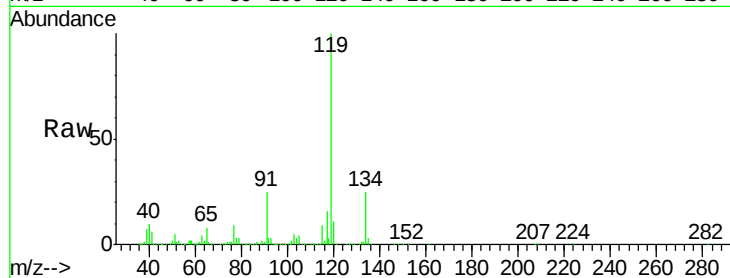




#79
tert-butylbenzene
Concen: 18.690 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

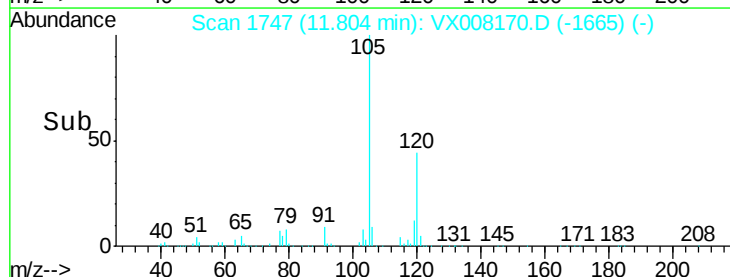
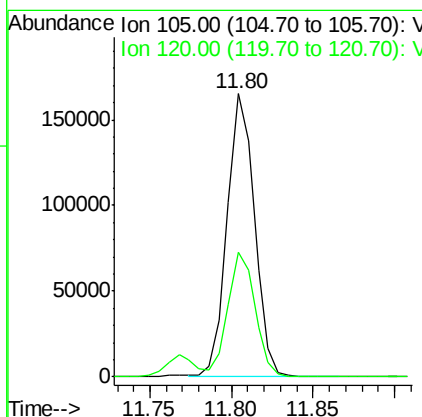
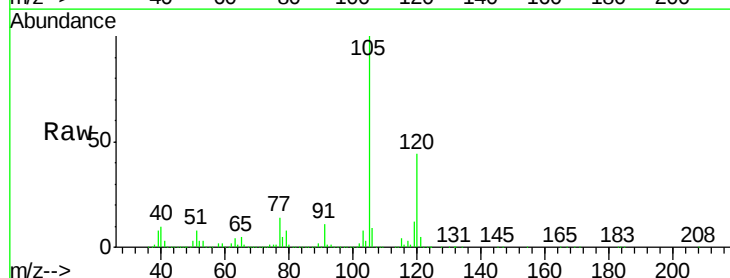
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

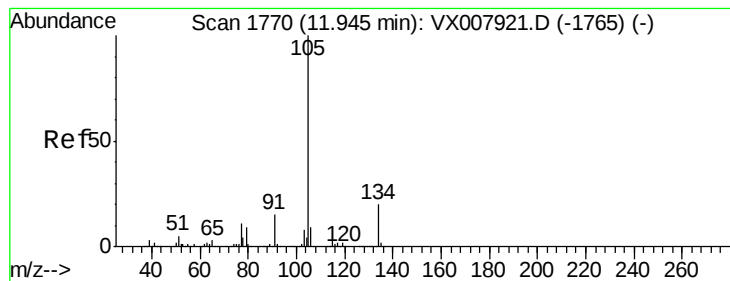
Tot Ion	Ratio	Lower	Upper
119	100		
91	24.6	0.0	45.0
134	25.3	0.0	55.4



#80
1,2,4-Trimethylbenzene
Concen: 19.153 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	0.0	94.0





#81

sec-Butylbenzene

Concen: 18.902 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

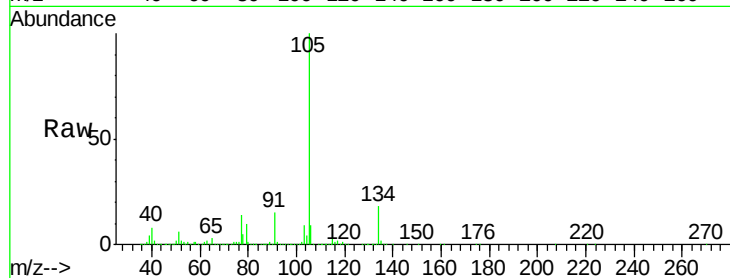
VX0318WBSD01

Tot Ion:105 Resp: 225357

Ion Ratio Lower Upper

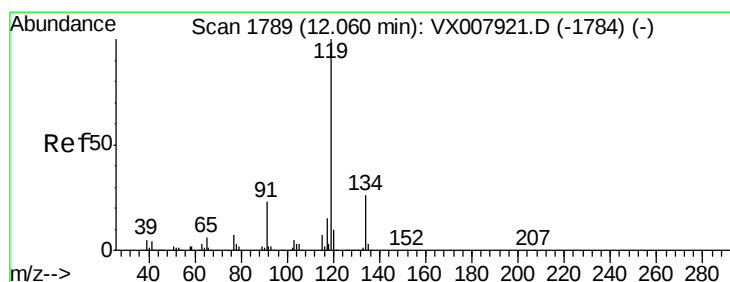
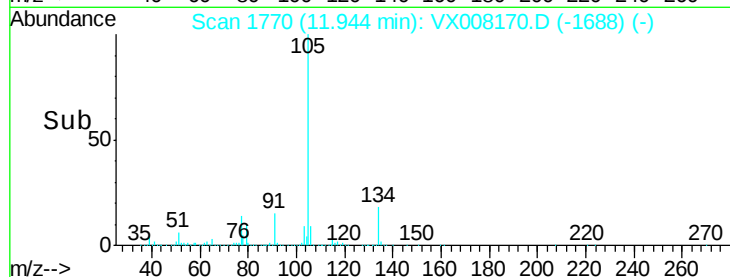
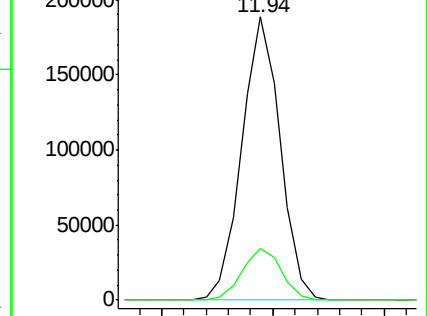
105 100

134 18.9 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.690 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

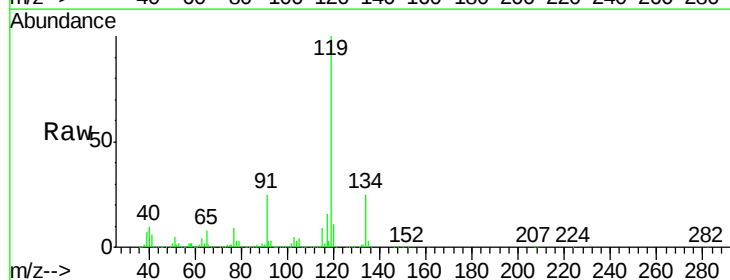
Tgt Ion:119 Resp: 190015

Ion Ratio Lower Upper

119 100

134 25.3 0.0 55.4

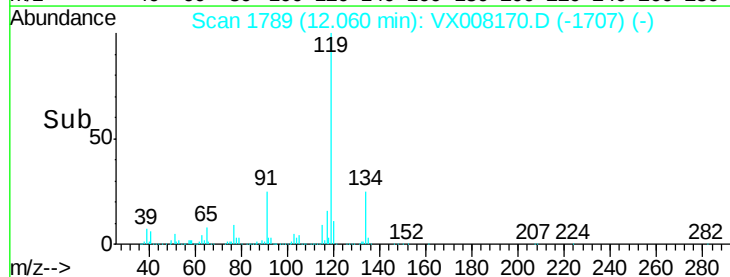
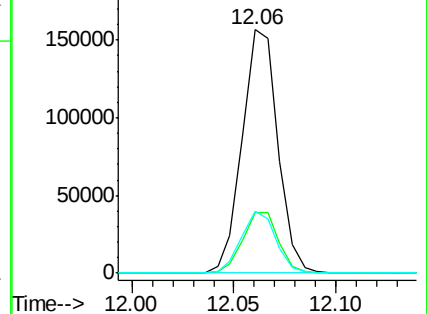
91 24.6 0.0 45.0

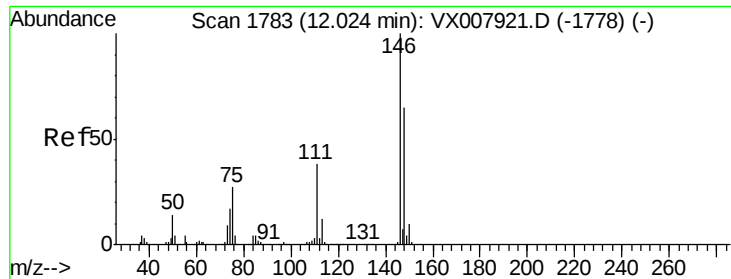


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 18.694 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

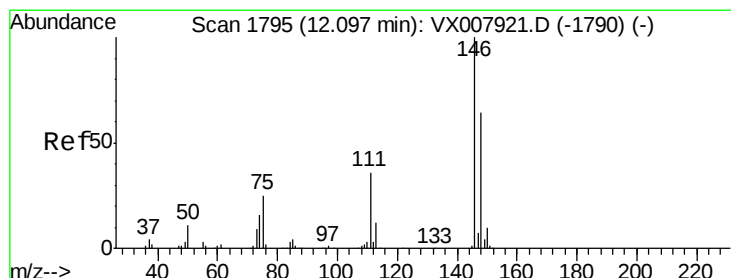
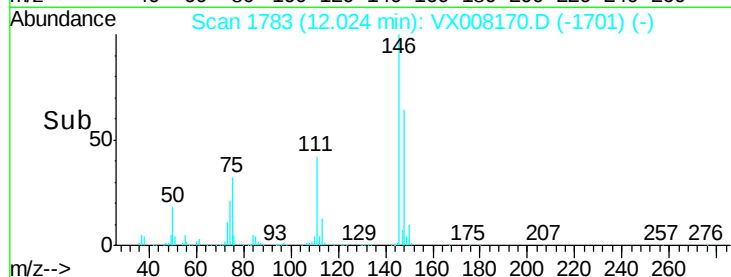
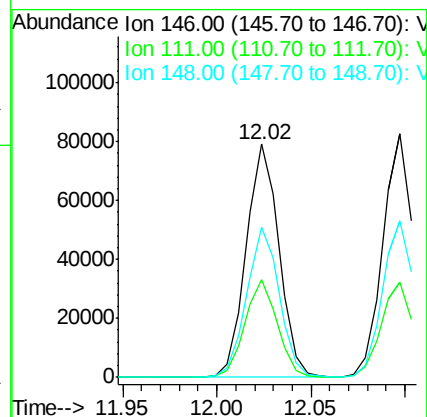
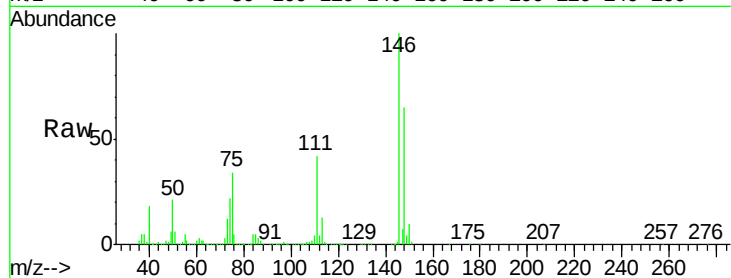
Tot Ion:146 Resp: 95743

Ion Ratio Lower Upper

146 100

111 41.5 18.8 56.3

148 63.9 30.6 91.8



#84

1,4-Dichlorobenzene

Concen: 18.675 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

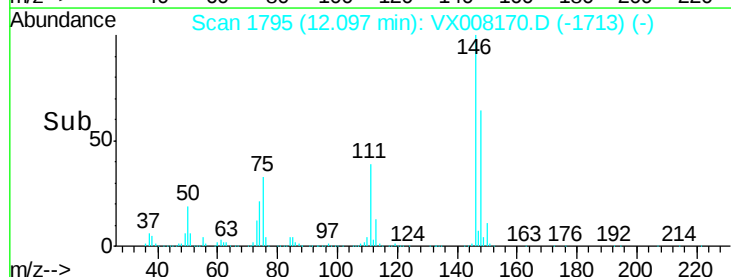
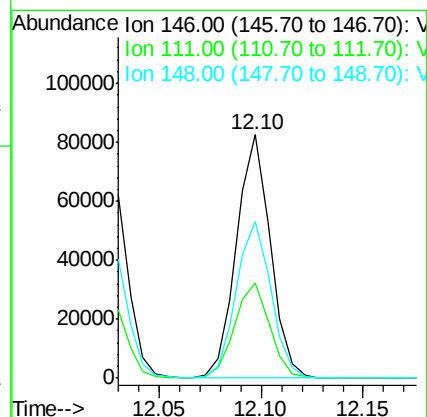
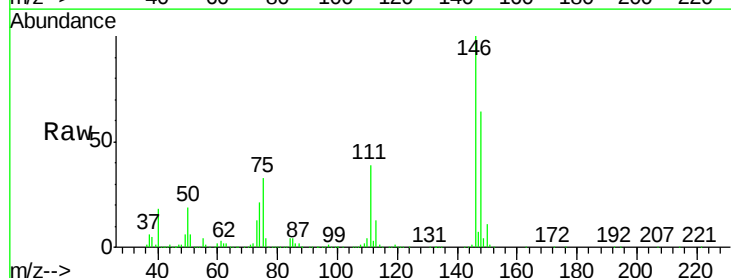
Tgt Ion:146 Resp: 94927

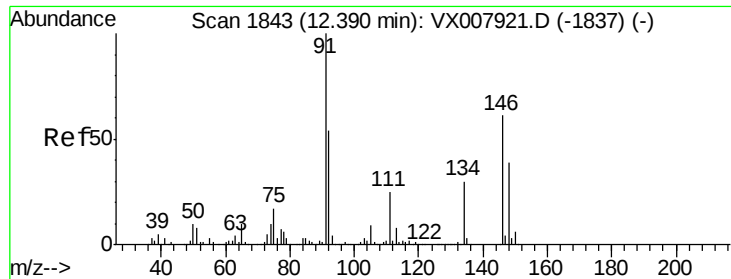
Ion Ratio Lower Upper

146 100

111 40.2 17.6 52.8

148 65.9 31.4 94.2





#85

n-Butylbenzene

Concen: 17.933 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008170.D

Acq: 18 Mar 2019 17:20

Instrument :

MSVOA_X

ClientSampled :

VX0318WBSD01

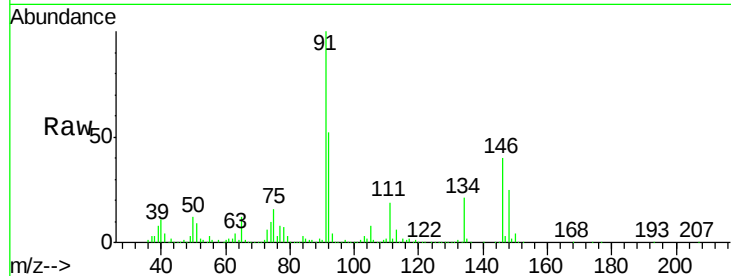
Tot Ion: 91 Resp: 171917

Ion Ratio Lower Upper

91 100

92 52.2 0.0 105.2

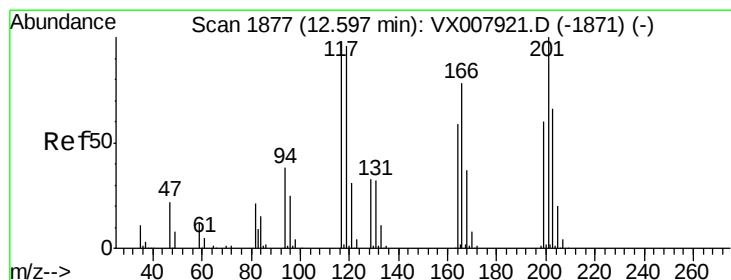
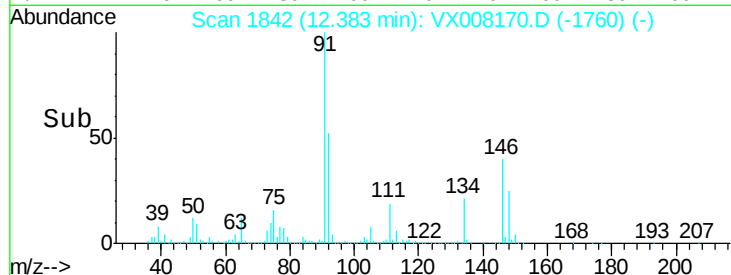
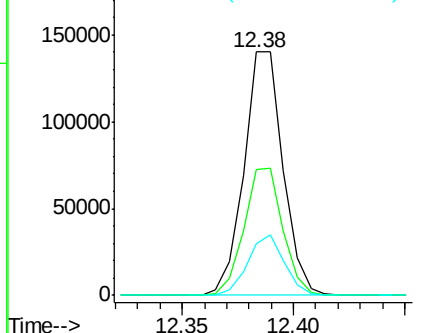
134 23.4 0.0 56.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 18.536 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX008170.D

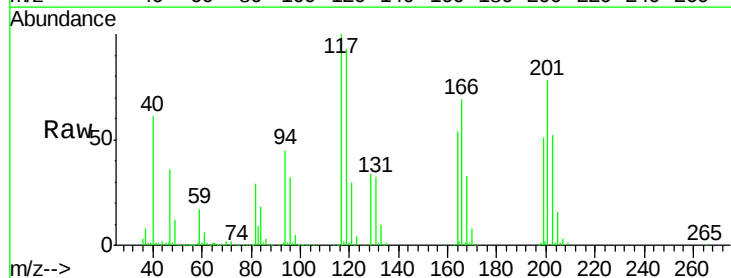
Acq: 18 Mar 2019 17:20

Tgt Ion: 117 Resp: 32303

Ion Ratio Lower Upper

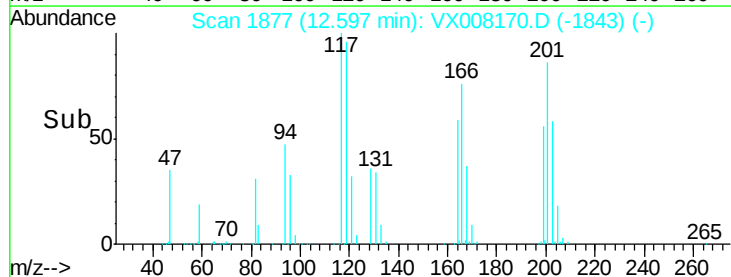
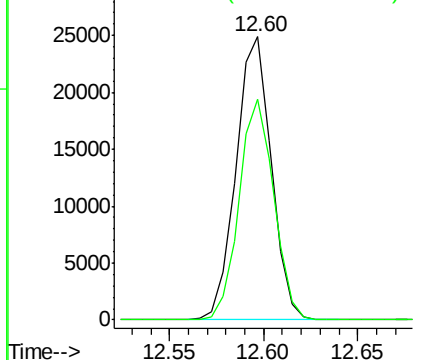
117 100

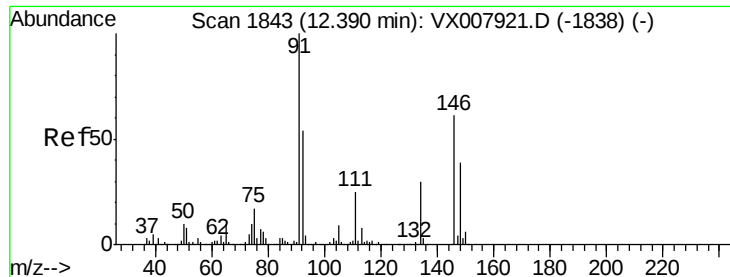
201 76.7 41.1 123.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

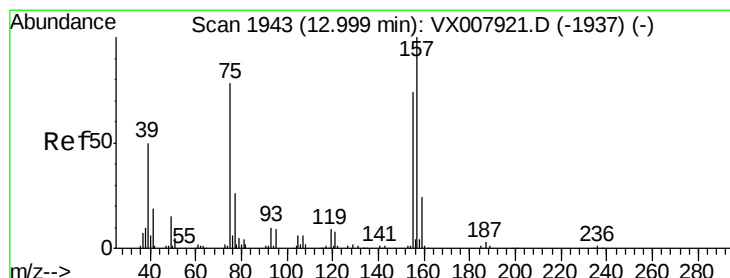
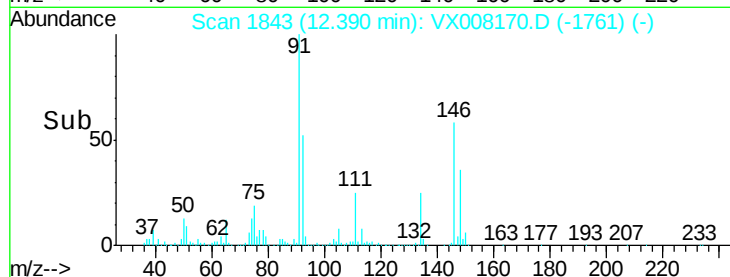
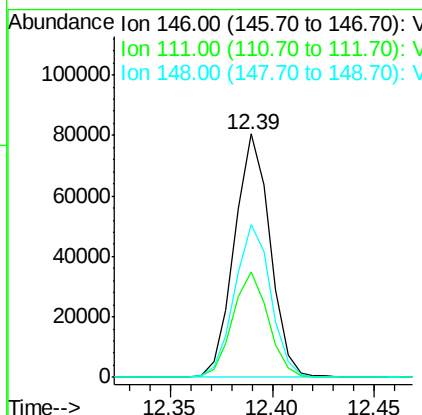
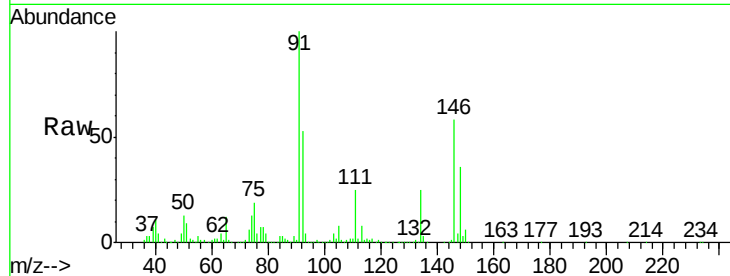




#87
 1,2-Dichlorobenzene
 Concen: 19.091 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

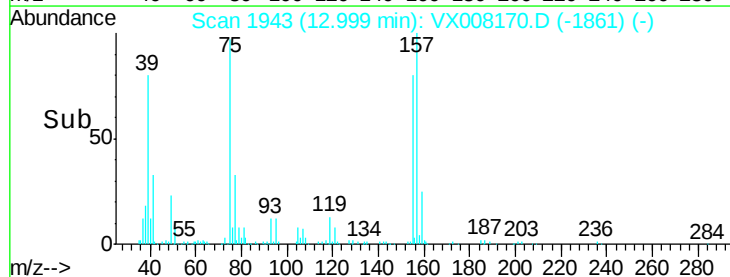
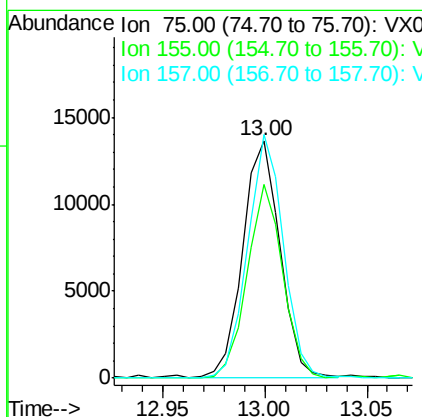
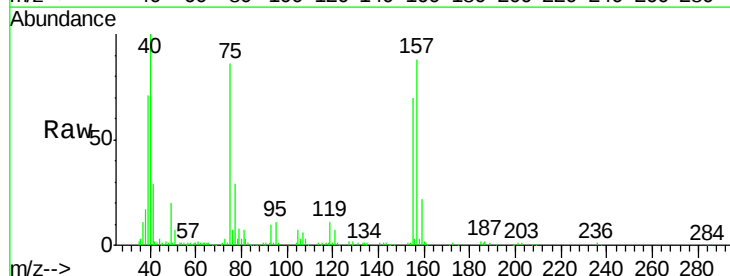
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0318WBSD01

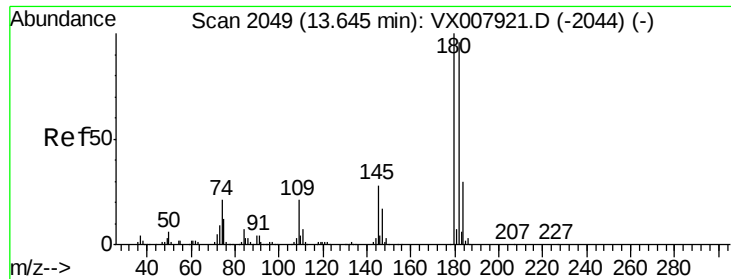
Tot Ion:146 Resp: 97428
 Ion Ratio Lower Upper
 146 100
 111 42.9 19.3 57.8
 148 63.2 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.287 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

Tgt Ion: 75 Resp: 17126
 Ion Ratio Lower Upper
 75 100
 155 78.6 81.0 121.6#
 157 99.9 103.2 154.8#

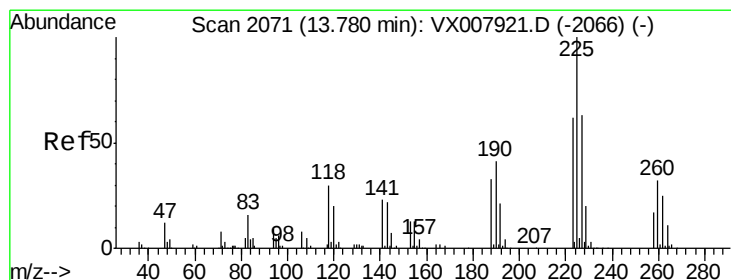
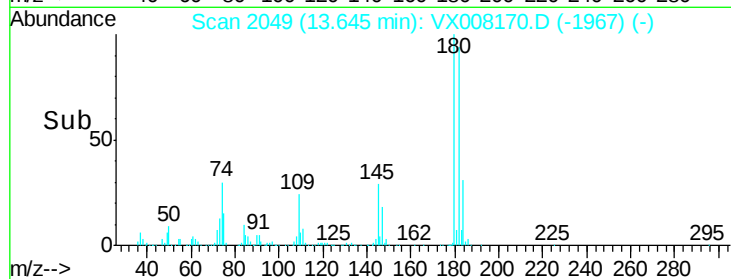
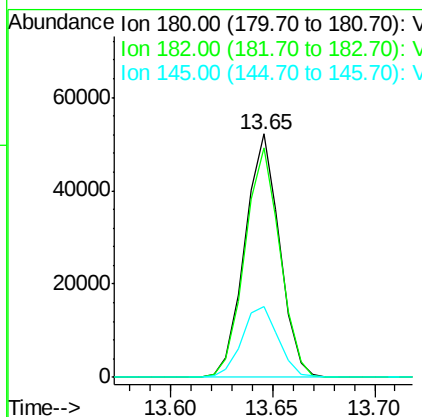
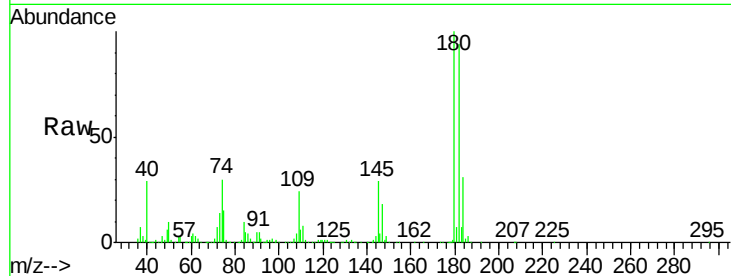




#89
 1,2,4-Trichlorobenzene
 Concen: 18.515 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

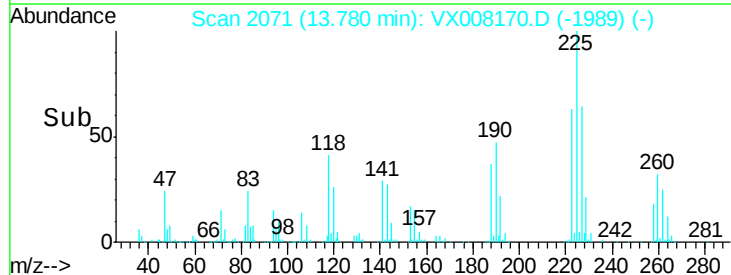
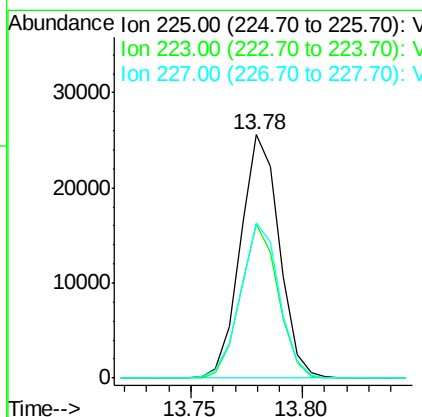
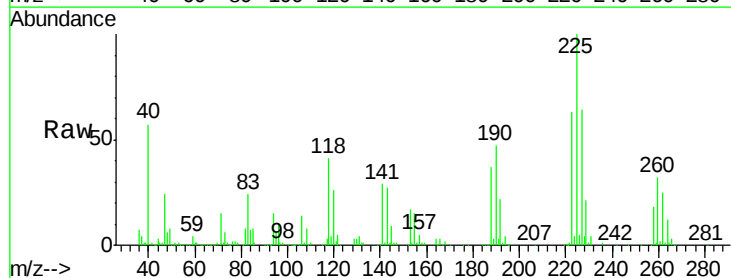
Instrument :
 MSVOA_X
 ClientSampled :
 VX0318WBSD01

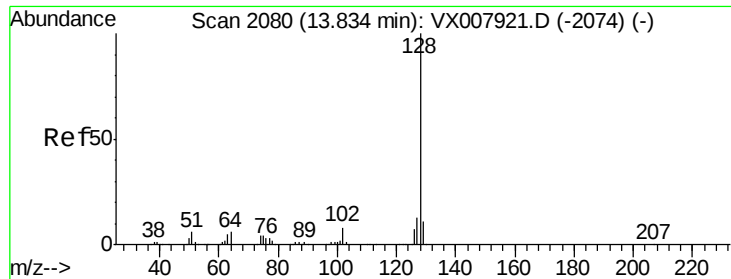
Tot Ion:180 Resp: 61549
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.6 113.4
 145 30.7 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 18.062 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008170.D
 Acq: 18 Mar 2019 17:20

Tgt Ion:225 Resp: 31160
 Ion Ratio Lower Upper
 225 100
 223 61.3 0.0 123.8
 227 64.0 0.0 124.4

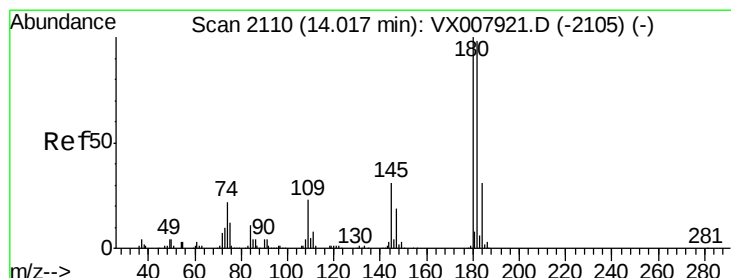
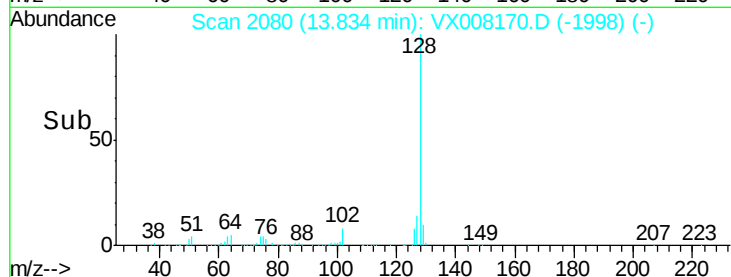
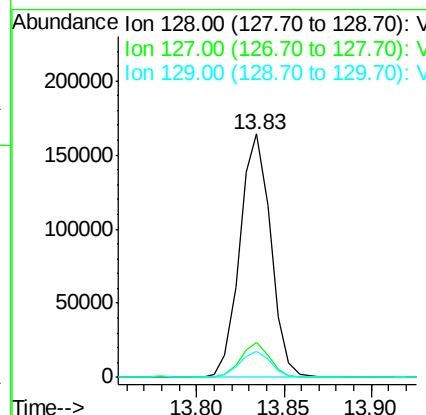
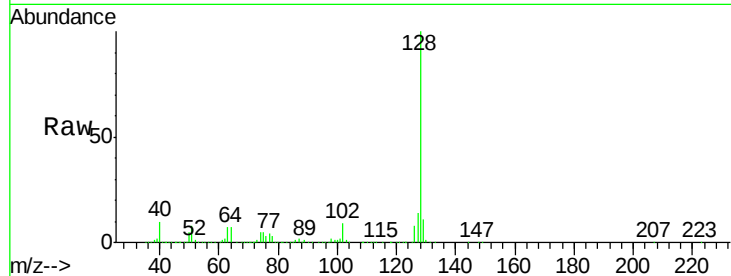




#91
Naphthalene
Concen: 18.788 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion:128 Resp: 202296
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.6 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 18.644 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008170.D
Acq: 18 Mar 2019 17:20

Tgt Ion:180 Resp: 61905
Ion Ratio Lower Upper
180 100
182 95.1 0.0 193.0
145 31.8 0.0 63.0

