

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032219\
 Data File : VX008338.D
 Acq On : 22 Mar 2019 14:59
 Operator : JC/SP
 Sample : VX0322WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

Quant Time: Mar 22 15:37:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 22 15:33:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	32409	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	173769	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	149827	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	68771	31.05	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.50%
60) 4-Bromofluorobenzene	11.13	95	75324	30.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.97%
63) Toluene-d8	8.71	98	210399	31.17	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.90%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	34861	20.048 ug/l	96
3) Chloromethane	1.33	50	35479	19.955 ug/l	98
4) Vinyl Chloride	1.41	62	40288	20.105 ug/l	99
5) Bromomethane	1.65	94	30858	8.495 ug/l	97
6) Chloroethane	1.73	64	26988	18.950 ug/l	98
7) Trichlorofluoromethane	1.93	101	62173	19.490 ug/l	100
8) Diethyl Ether	2.19	74	24061	19.448 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34699	19.668 ug/l	99
10) 1,1-Dichloroethene	2.38	96	34731	19.944 ug/l	91
11) Methyl Iodide	2.52	142	50450	19.165 ug/l	92
12) Methyl Acetate	2.78	43	38602	20.315 ug/l	97
13) Acrolein	2.29	56	33948	114.041 ug/l	98
14) Acrylonitrile	3.15	53	96705	102.548 ug/l	98
15) Acetone	2.45	58	30763	83.190 ug/l	98
16) Carbon Disulfide	2.57	76	96591	20.005 ug/l	99
17) Allyl chloride	2.73	41	50052	19.478 ug/l	91
18) Methylene Chloride	2.86	84	38336	20.450 ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	37057	20.047 ug/l	97
20) Diisopropyl ether	3.86	45	108700	20.231 ug/l	90
21) 1,1-Dichloroethane	3.70	63	63730	20.084 ug/l	100
22) cis-1,2-Dichloroethene	4.60	96	42805	20.077 ug/l	95
23) tert-Butyl Alcohol	3.04	59	38596	100.817 ug/l	100
24) Methyl tert-Butyl Ether	3.20	73	112344	20.081 ug/l	97
25) Chloroform	5.22	83	69045	20.512 ug/l	95
26) Cyclohexane	5.59	56	56929	20.286 ug/l	# 99
29) 1,1-Dichloropropene	5.81	75	49835	20.192 ug/l	97
30) 2-Butanone	4.67	43	136228	95.830 ug/l	97
31) 2,2-Dichloropropane	4.58	77	44565	19.179 ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	58250	20.059 ug/l	97
33) Carbon Tetrachloride	5.79	117	51426	19.283 ug/l	99
34) Benzene	6.15	78	151539	20.613 ug/l	98
35) Methacrylonitrile	5.04	41	26638	20.117 ug/l	95
36) 1,2-Dichloroethane	6.20	62	55205	20.373 ug/l	98
37) Trichloroethene	7.21	130	42708	19.758 ug/l	90
38) Methylcyclohexane	7.46	83	59305	19.173 ug/l	98
39) 1,2-Dichloropropane	7.51	63	38172	20.406 ug/l	100
40) Dibromomethane	7.66	93	28049	20.444 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	52633	20.217	ug/l #	97
42) Vinyl Acetate	3.82	43	480637	100.593	ug/l	98
43) Ethyl Acetate	4.84	43	51285	20.438	ug/l #	85
44) Isopropyl Acetate	6.45	43	78865	19.971	ug/l	98
45) 1,4-Dioxane	7.74	88	19968	402.022	ug/l	98
46) Methyl methacrylate	7.77	41	40023	20.655	ug/l	99
47) n-amyl Acetate	10.90	43	65344	19.300	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	49337	18.928	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	57143	19.646	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	40577	20.587	ug/l	94
51) Ethyl methacrylate	9.18	69	59582	20.706	ug/l	97
52) 1,3-Dichloropropane	9.37	76	63890	20.212	ug/l	100
53) Dibromochloromethane	9.58	129	43687	19.662	ug/l	100
54) 1,2-Dibromoethane	9.67	107	43377	20.058	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	142019	98.097	ug/l	99
56) Bromoform	10.85	173	32602	18.586	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	260152	103.127	ug/l	96
59) 2-Hexanone	9.49	43	199238	99.843	ug/l	97
61) Tetrachloroethene	9.33	164	42101	20.875	ug/l	98
62) Toluene	8.79	91	164315	20.661	ug/l	99
64) Chlorobenzene	10.14	112	105965	20.668	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	40084	20.470	ug/l	99
66) Ethyl Benzene	10.25	91	174499	20.289	ug/l	99
67) m/p-Xylenes	10.36	106	138923	40.640	ug/l	100
68) o-Xylene	10.69	106	65706	20.009	ug/l	98
69) Styrene	10.71	104	110871	19.999	ug/l	97
70) Isopropylbenzene	11.02	105	175823	20.350	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	61516	20.880	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	66156	27.876	ug/l	89
73) Bromobenzene	11.26	156	47558	19.895	ug/l	97
74) n-propylbenzene	11.36	91	190775	19.810	ug/l	99
75) 2-Chlorotoluene	11.42	91	117972	20.513	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	150460	20.385	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	15838	18.838	ug/l	94
78) 4-Chlorotoluene	11.51	91	133778	19.764	ug/l	97
79) tert-butylbenzene	12.06	119	156115	20.108	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	148542	20.253	ug/l	100
81) sec-Butylbenzene	11.94	105	165518	19.661	ug/l	98
82) p-Isopropyltoluene	12.06	119	156115	20.108	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	80401	19.378	ug/l	96
84) 1,4-Dichlorobenzene	12.10	146	80468	19.476	ug/l	97
85) n-Butylbenzene	12.38	91	126917	19.004	ug/l	100
86) Hexachloroethane	12.60	117	24881	18.595	ug/l	93
87) 1,2-Dichlorobenzene	12.39	146	81885	20.012	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.00	75	12992	19.264	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	54887	18.953	ug/l	99
90) Hexachlorobutadiene	13.78	225	27755	19.039	ug/l	100
91) Naphthalene	13.83	128	171596	19.729	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	56578	19.325	ug/l	98

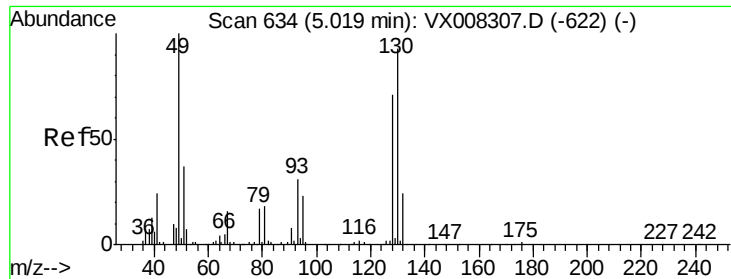
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

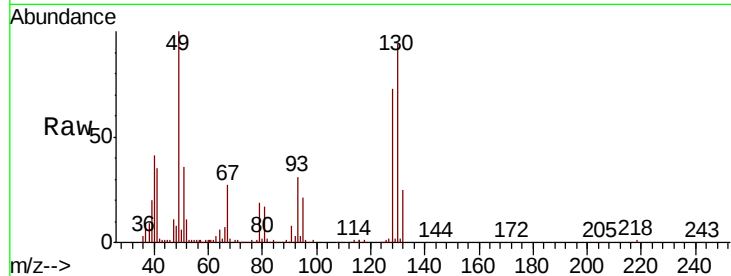
Tgt Ion:128 Resp: 32409

Ion Ratio Lower Upper

128 100

49 135.3 0.0 350.8

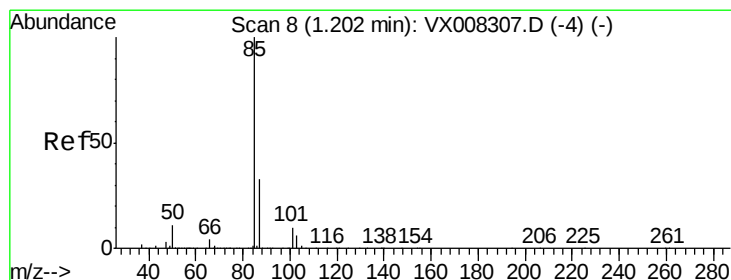
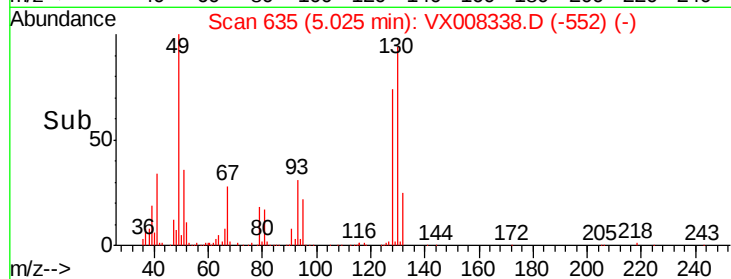
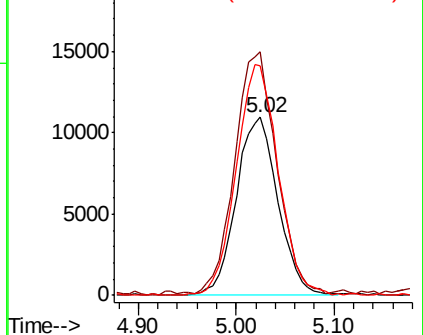
130 130.3 0.0 325.8



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: 20.048 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX008338.D

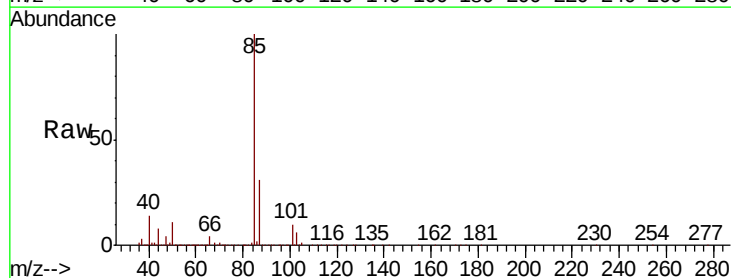
Acq: 22 Mar 2019 14:59

Tgt Ion: 85 Resp: 34861

Ion Ratio Lower Upper

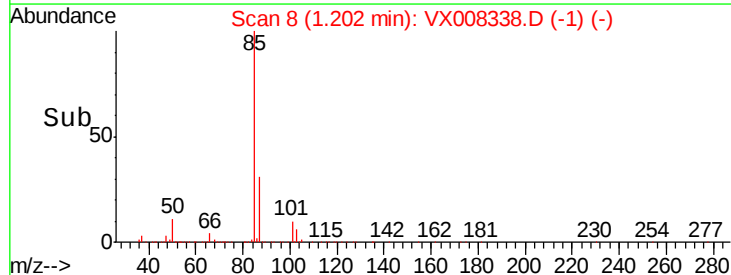
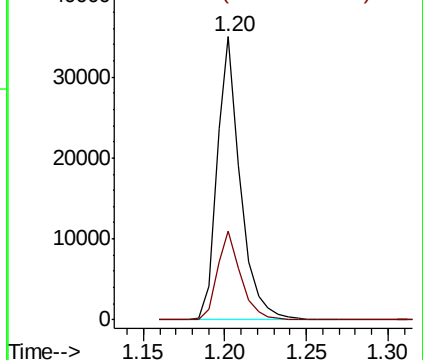
85 100

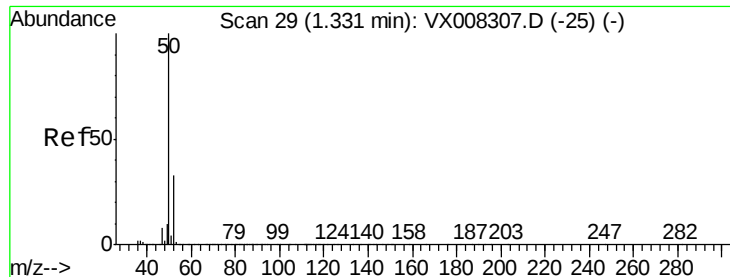
87 31.1 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.955 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

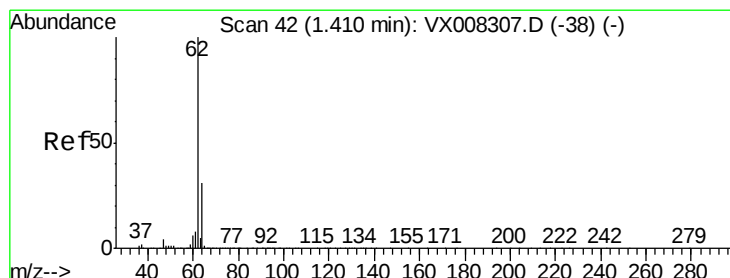
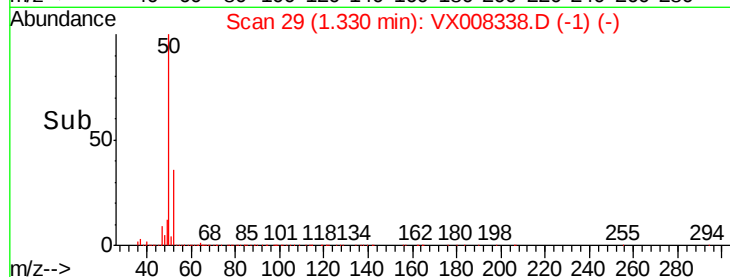
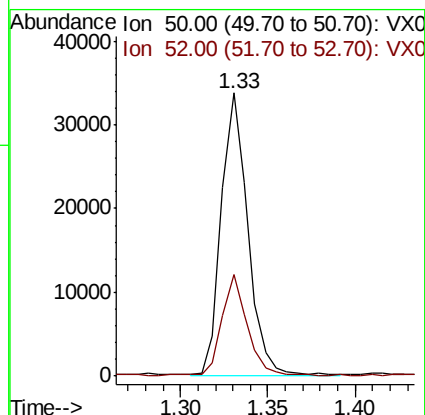
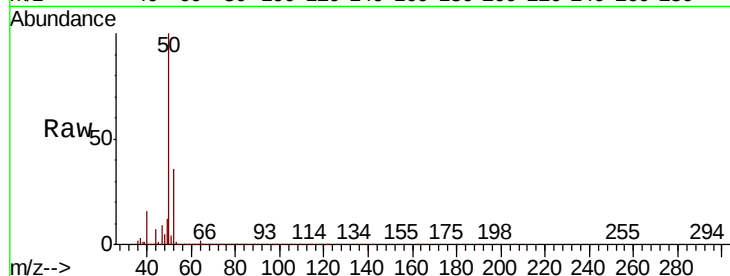
VX0322WBS01

Tgt Ion: 50 Resp: 35479

Ion Ratio Lower Upper

50 100

52 35.7 27.5 41.3



#4

Vinyl Chloride

Concen: 20.105 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008338.D

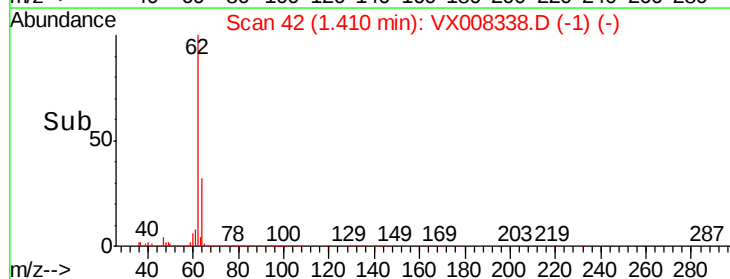
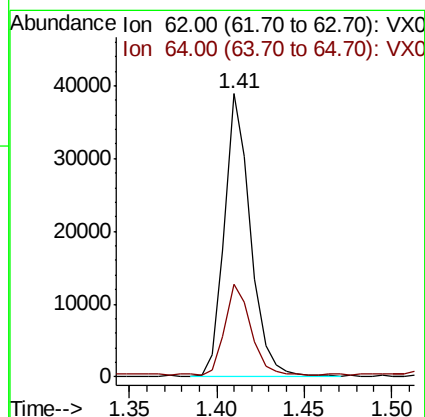
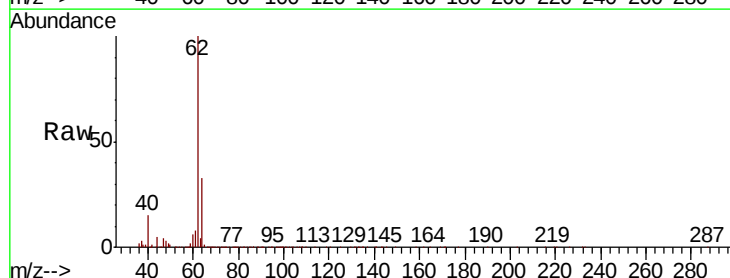
Acq: 22 Mar 2019 14:59

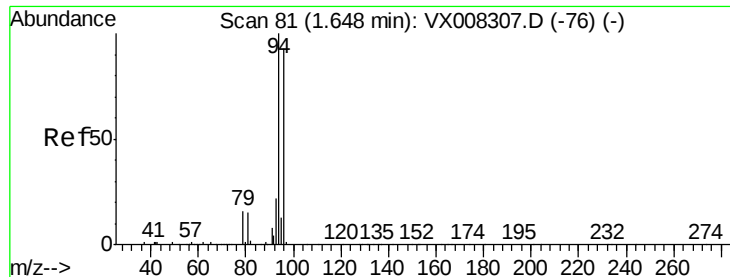
Tgt Ion: 62 Resp: 40288

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 8.495 ug/l

RT: 1.65 min Scan# 81

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

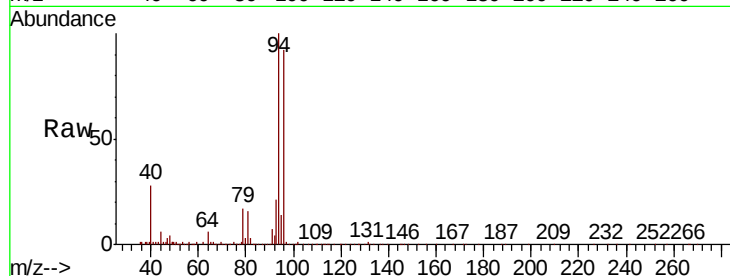
VX0322WBS01

Tgt Ion: 94 Resp: 30858

Ion Ratio Lower Upper

94 100

96 91.2 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.65

25000

20000

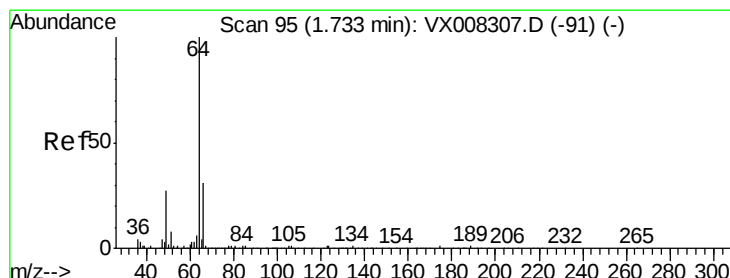
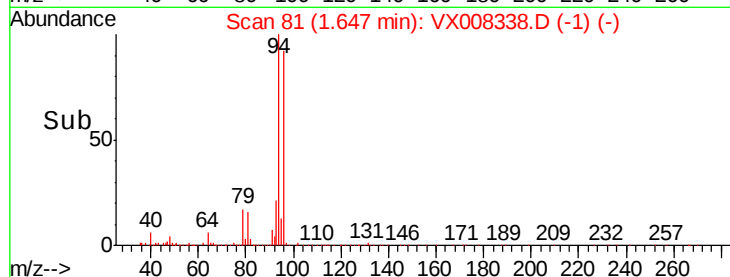
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.950 ug/l

RT: 1.73 min Scan# 95

Delta R.T. -0.00 min

Lab File: VX008338.D

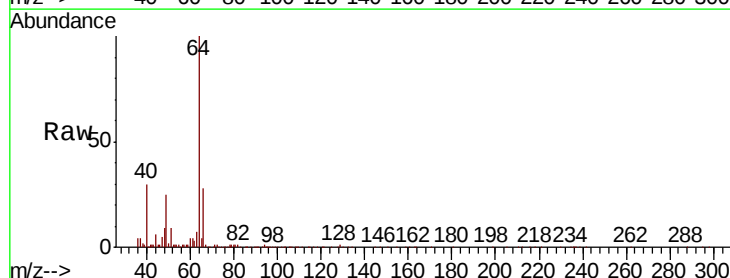
Acq: 22 Mar 2019 14:59

Tgt Ion: 64 Resp: 26988

Ion Ratio Lower Upper

64 100

66 28.9 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

20000

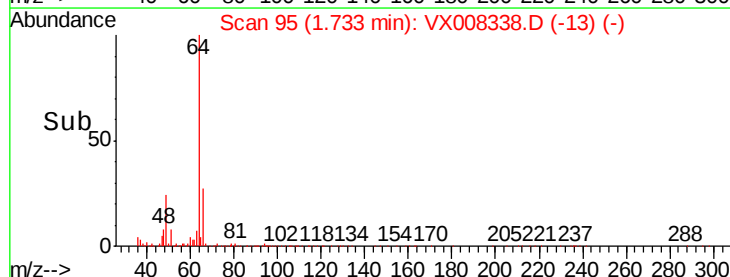
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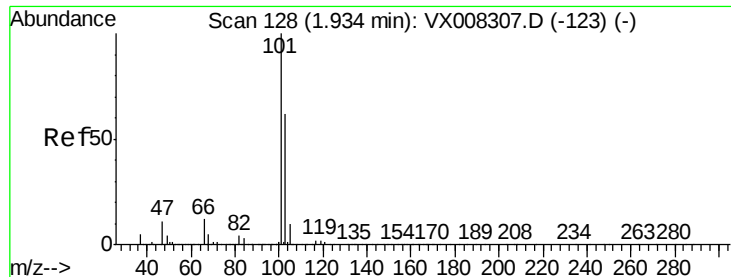
10000

5000

0

Time-->



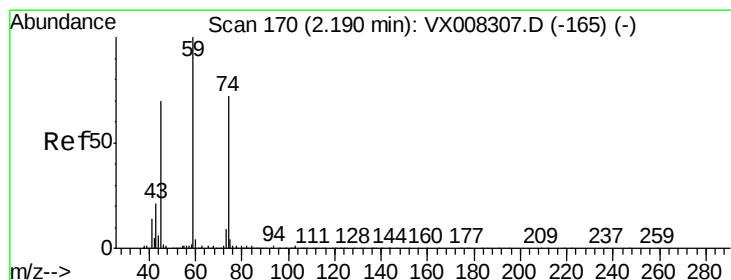
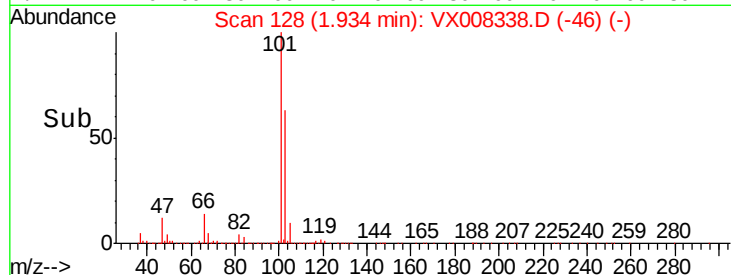
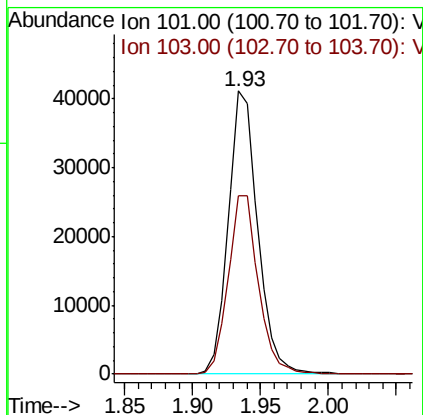
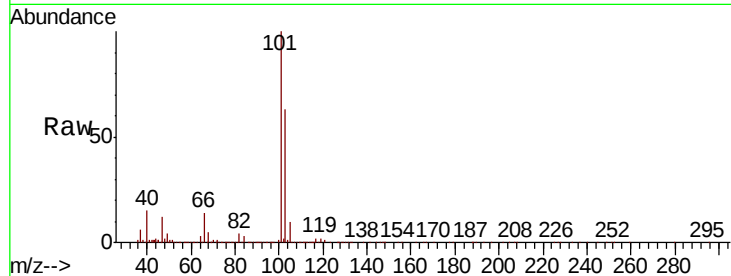


#7

Trichlorofluoromethane
Concen: 19.490 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

Instrument :
MSVOA_X
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VX0322WBS01

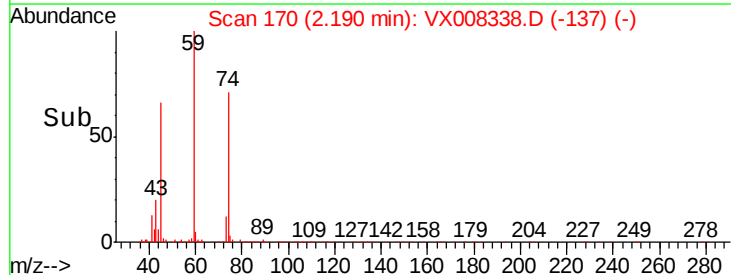
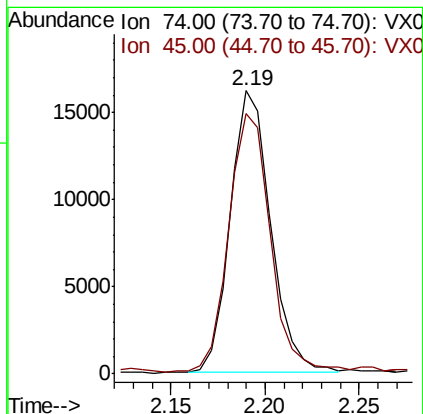
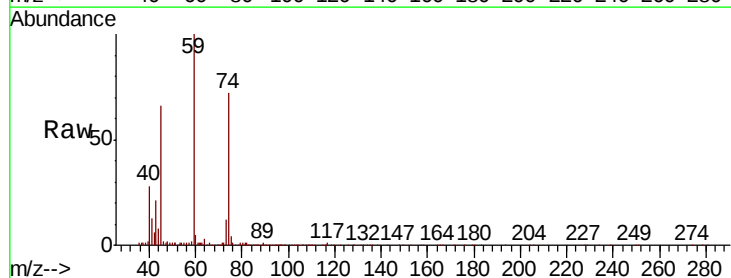
Tgt Ion:101 Resp: 62173
Ion Ratio Lower Upper
101 100
103 63.0 50.4 75.6

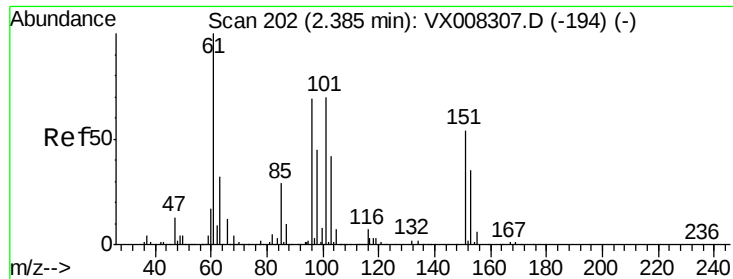


#8

Diethyl Ether
Concen: 19.448 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

Tgt Ion: 74 Resp: 24061
Ion Ratio Lower Upper
74 100
45 93.3 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.668 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

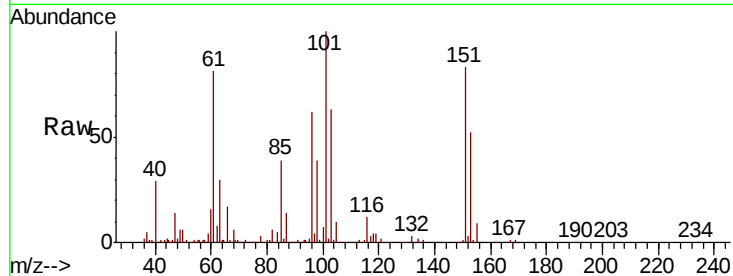
Tgt Ion: 101 Resp: 34699

Ion Ratio Lower Upper

101 100

85 43.5 0.0 86.8

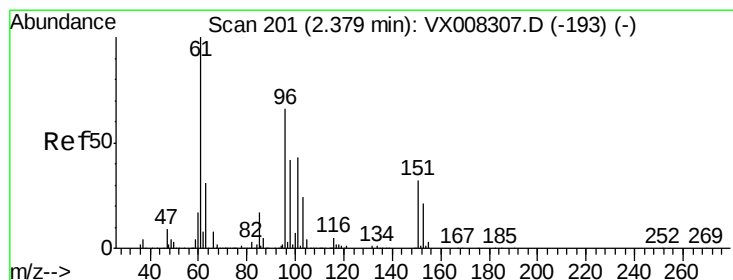
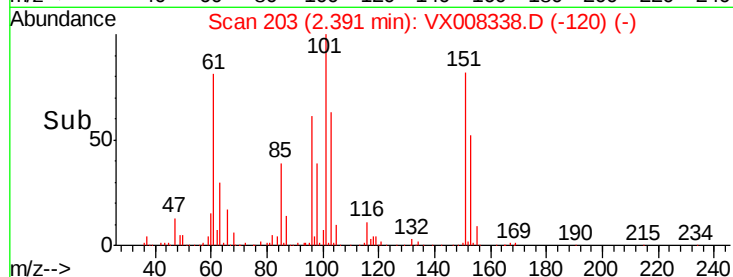
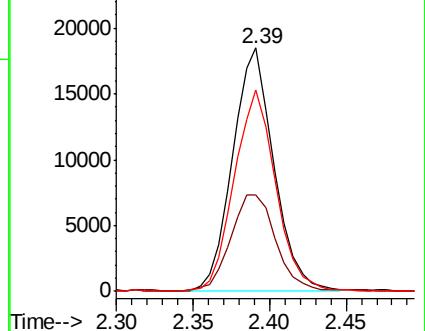
151 83.2 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.944 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

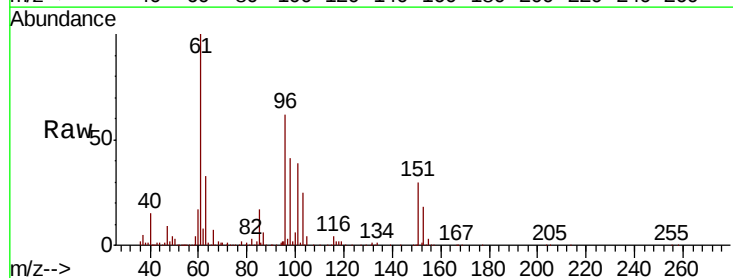
Tgt Ion: 96 Resp: 34731

Ion Ratio Lower Upper

96 100

61 161.8 120.2 180.2

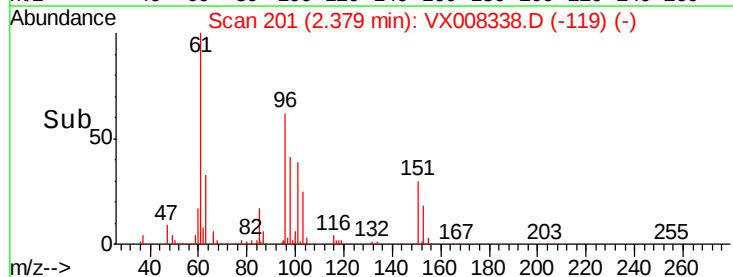
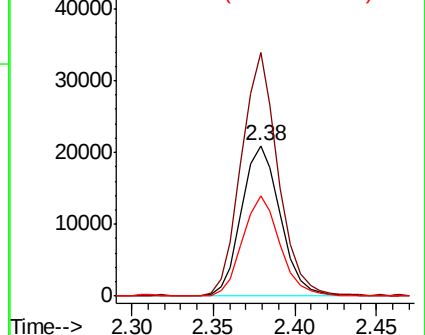
98 66.7 49.0 73.4

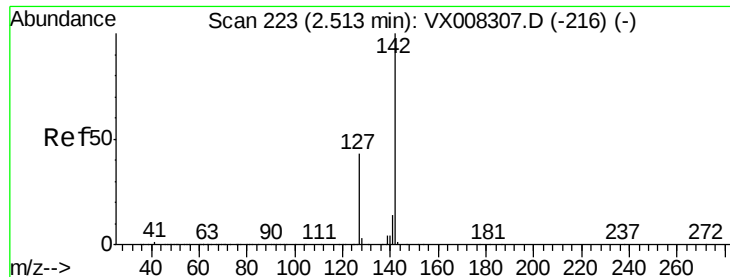


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

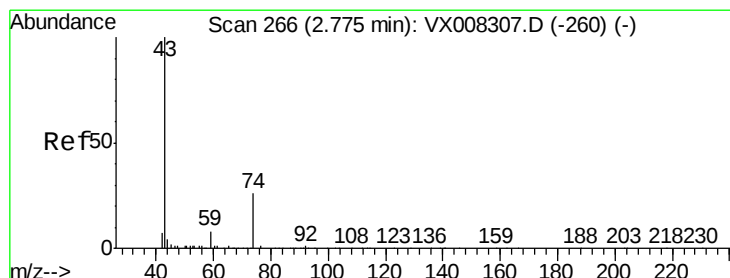
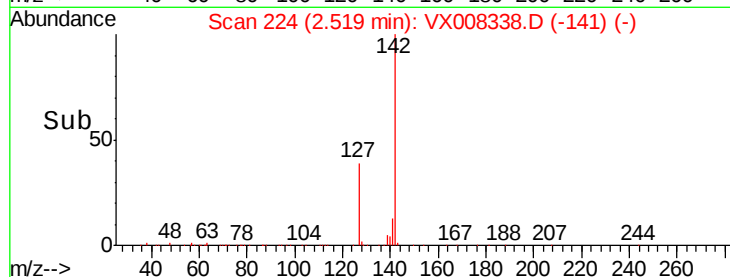
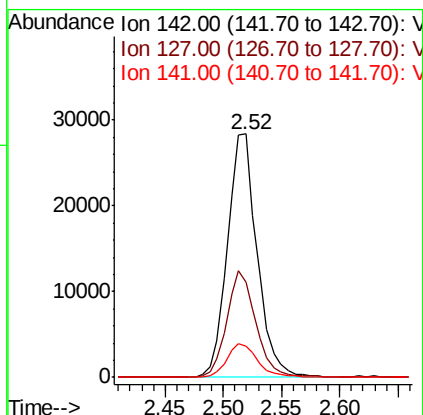
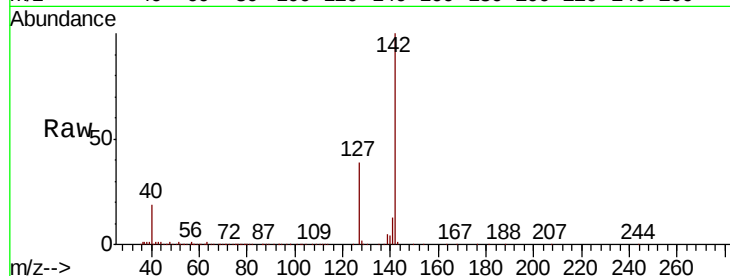




#11
Methyl Iodide
Concen: 19.165 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

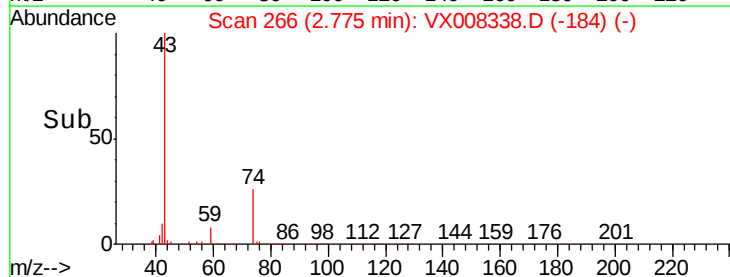
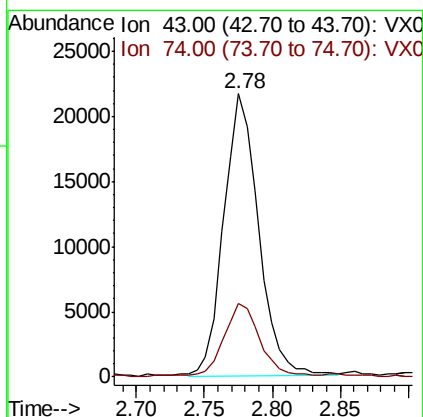
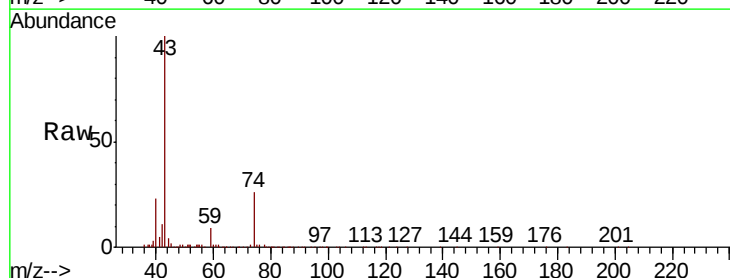
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

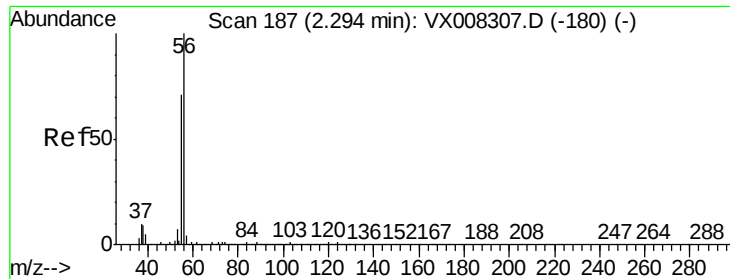
Tgt Ion:142 Resp: 50450
Ion Ratio Lower Upper
142 100
127 38.7 22.1 66.5
141 12.4 7.4 22.3



#12
Methyl Acetate
Concen: 20.315 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

Tgt Ion: 43 Resp: 38602
Ion Ratio Lower Upper
43 100
74 25.5 19.4 29.0

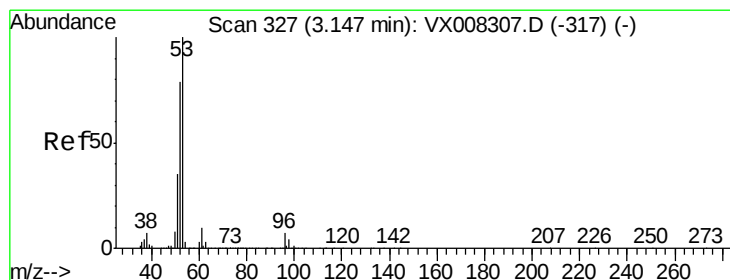
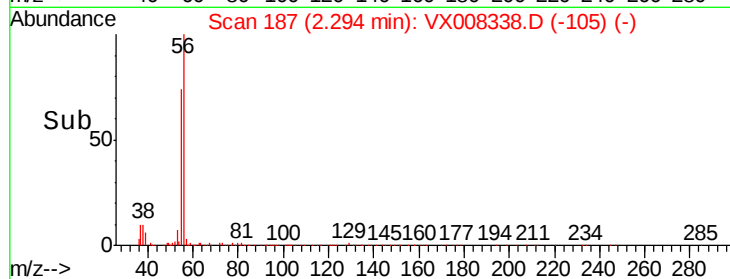
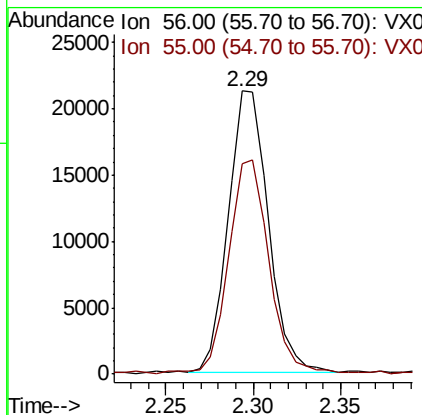
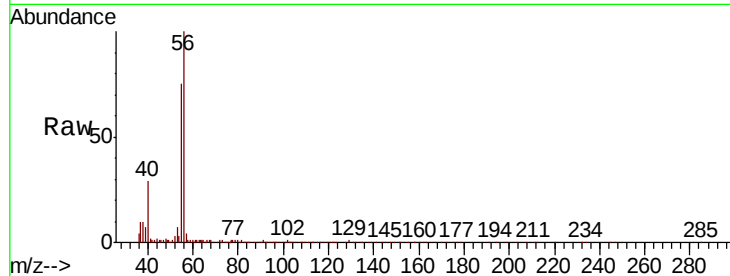




#13
Acrolein
Concen: 114.041 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

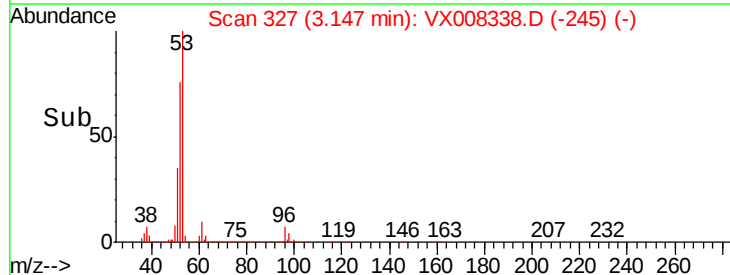
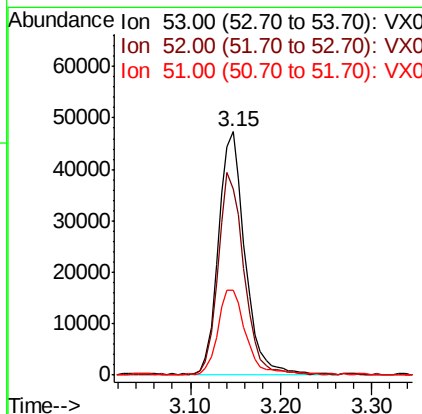
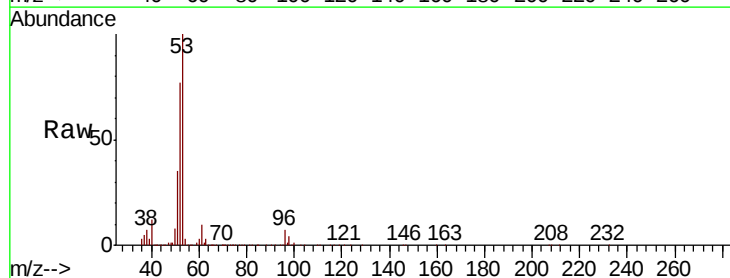
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

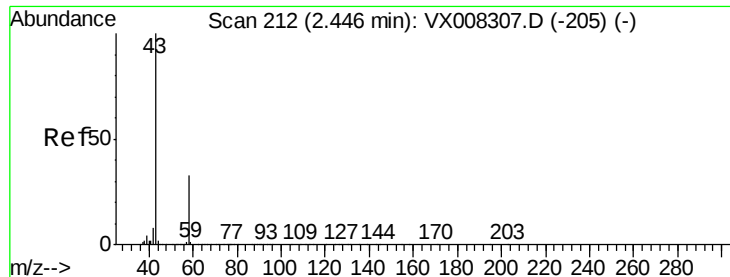
Tgt Ion: 56 Resp: 33948
Ion Ratio Lower Upper
56 100
55 74.6 58.6 87.8



#14
Acrylonitrile
Concen: 102.548 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

Tgt Ion: 53 Resp: 96705
Ion Ratio Lower Upper
53 100
52 80.9 41.3 124.1
51 37.0 17.5 52.6





#15

Acetone

Concen: 83.190 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

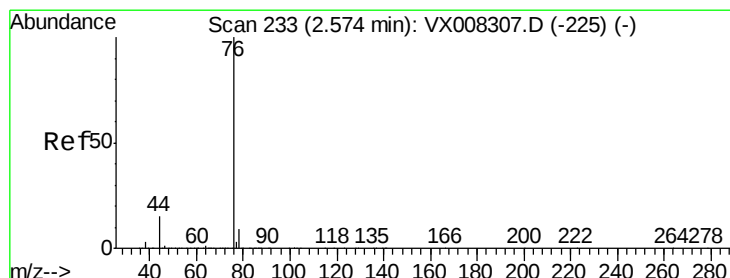
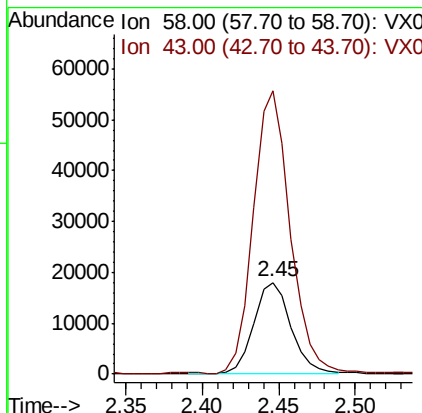
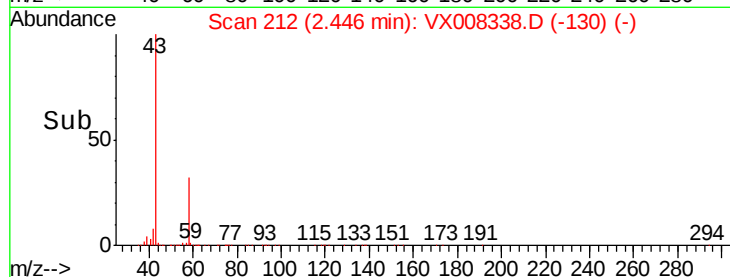
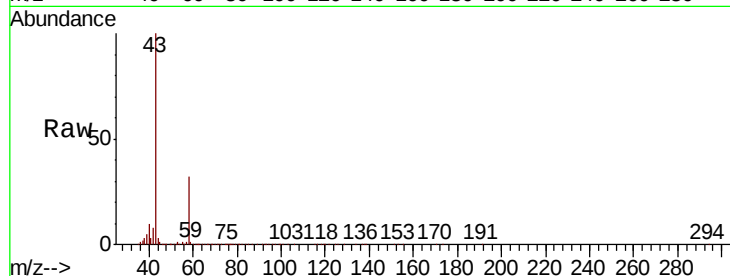
VX0322WBS01

Tgt Ion: 58 Resp: 30763

Ion Ratio Lower Upper

58 100

43 307.2 249.8 374.6



#16

Carbon Disulfide

Concen: 20.005 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX008338.D

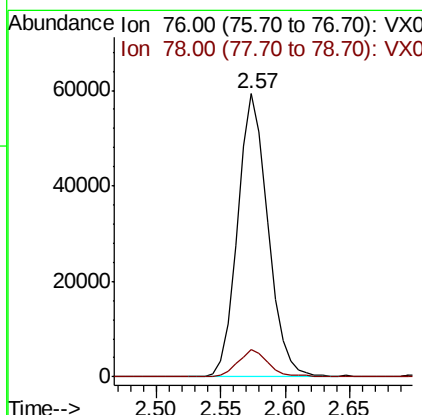
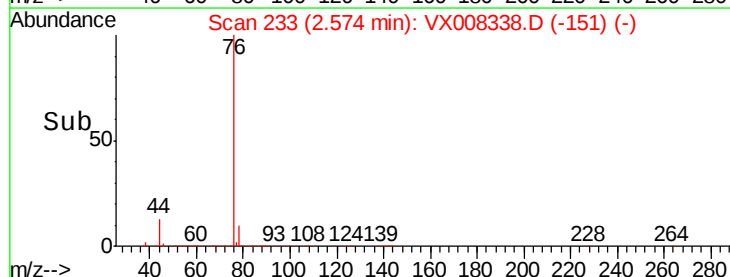
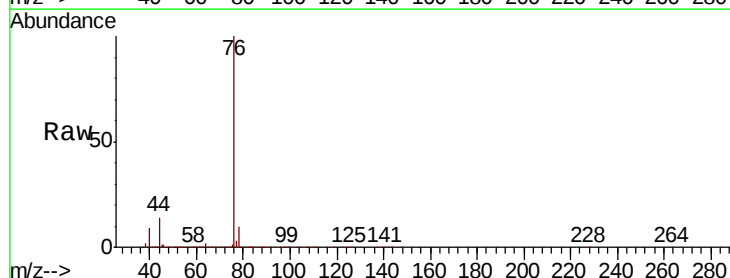
Acq: 22 Mar 2019 14:59

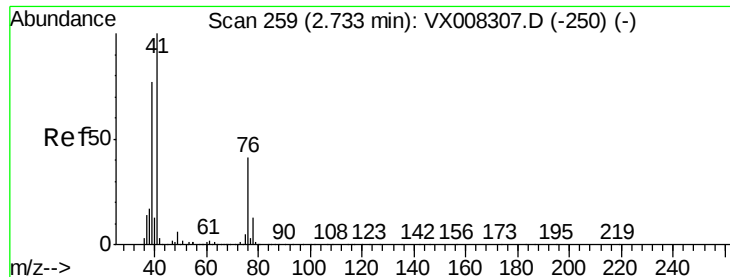
Tgt Ion: 76 Resp: 96591

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

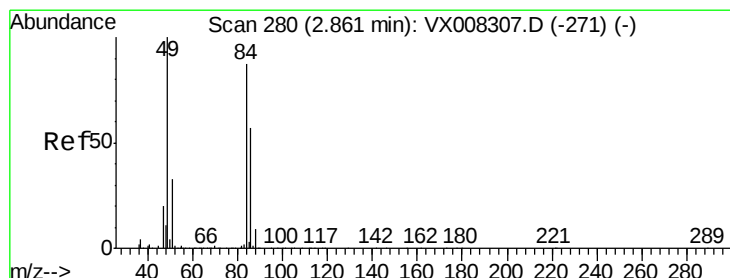
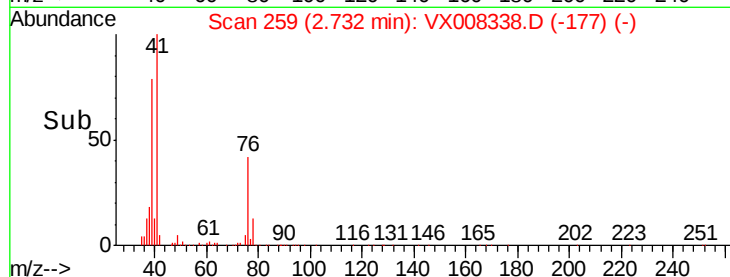
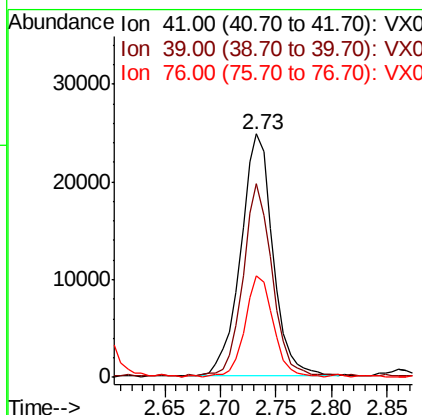
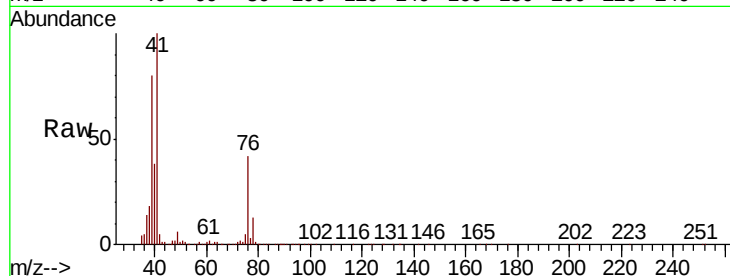




#17
 Allyl chloride
 Concen: 19.478 ug/l
 RT: 2.73 min Scan# 259
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

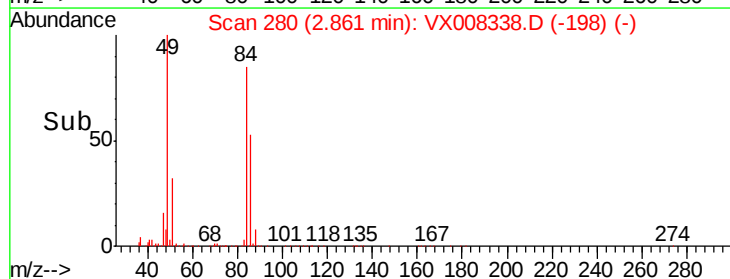
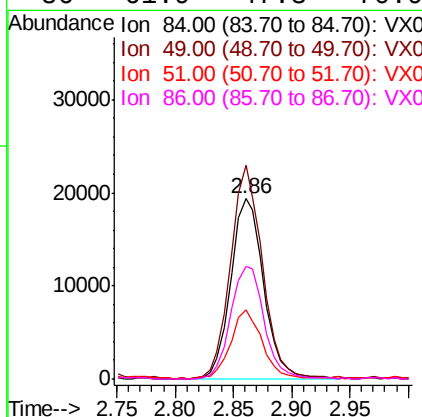
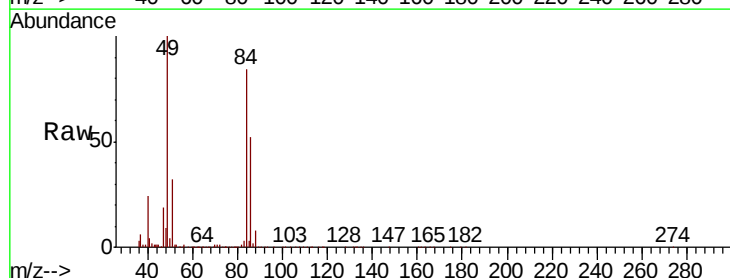
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

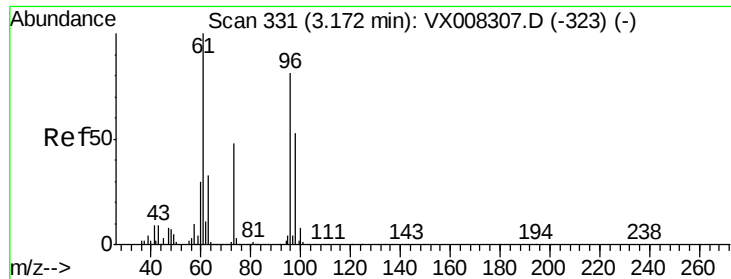
Tgt Ion: 41 Resp: 50052
 Ion Ratio Lower Upper
 41 100
 39 78.9 35.8 107.4
 76 41.4 18.3 54.9



#18
 Methylene Chloride
 Concen: 20.450 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

Tgt Ion: 84 Resp: 38336
 Ion Ratio Lower Upper
 84 100
 49 118.1 96.1 144.1
 51 37.4 29.1 43.7
 86 61.9 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 20.047 ug/l

RT: 3.17 min Scan# 331

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

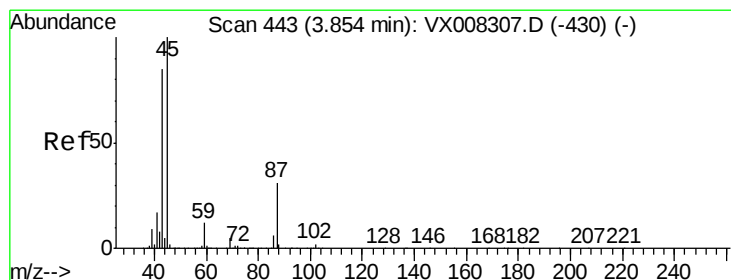
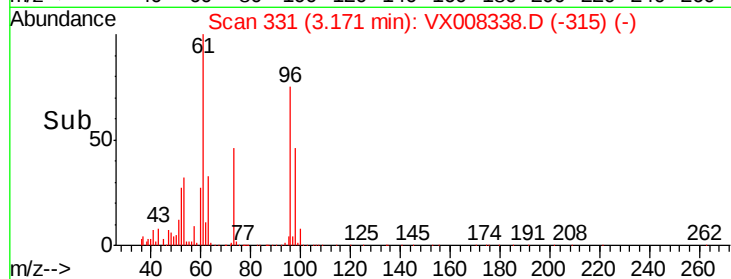
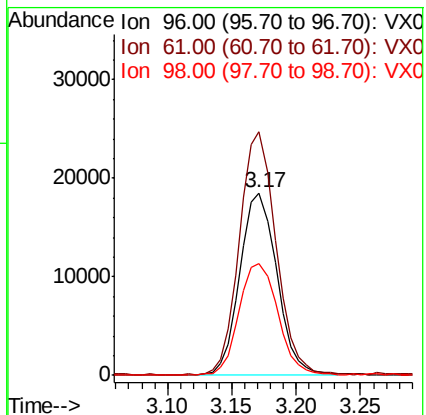
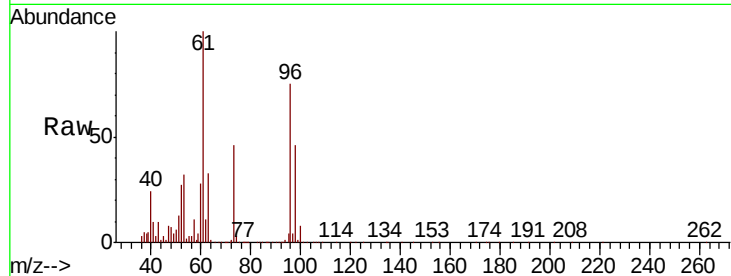
Tgt Ion: 96 Resp: 37057

Ion Ratio Lower Upper

96 100

61 132.8 109.9 164.9

98 61.2 50.4 75.6



#20

Diisopropyl ether

Concen: 20.231 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Tgt Ion: 45 Resp: 108700

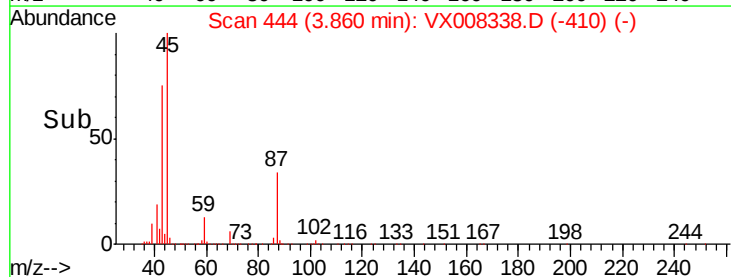
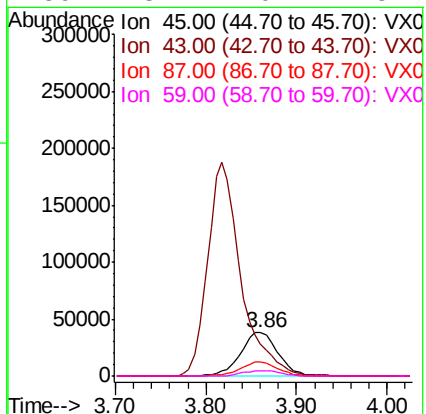
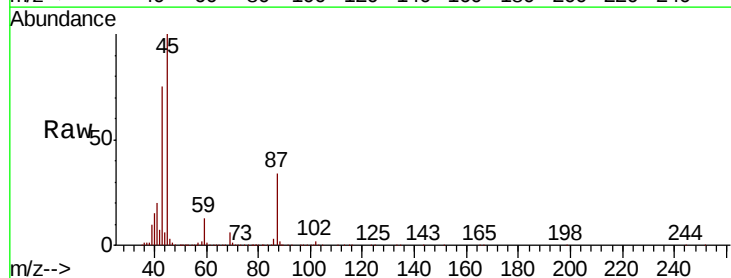
Ion Ratio Lower Upper

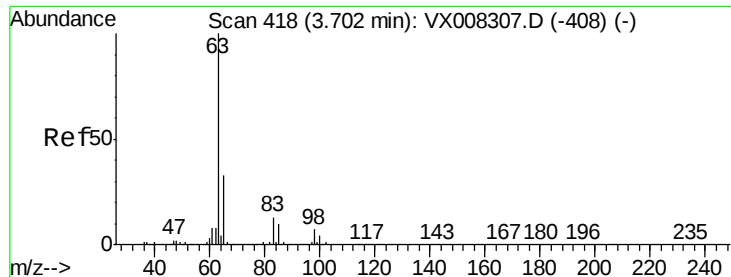
45 100

43 73.7 50.6 76.0

87 33.5 24.5 36.7

59 13.1 10.2 15.2





#21

1,1-Dichloroethane

Concen: 20.084 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

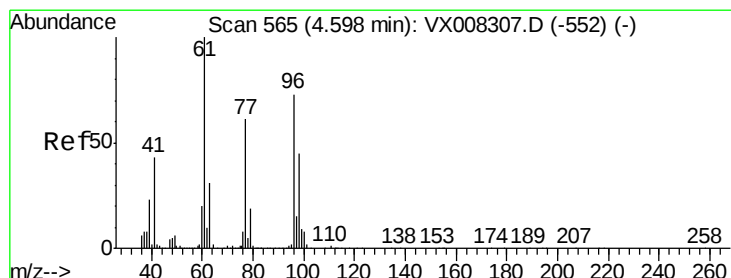
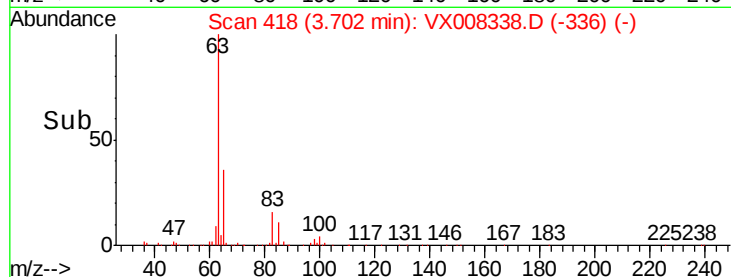
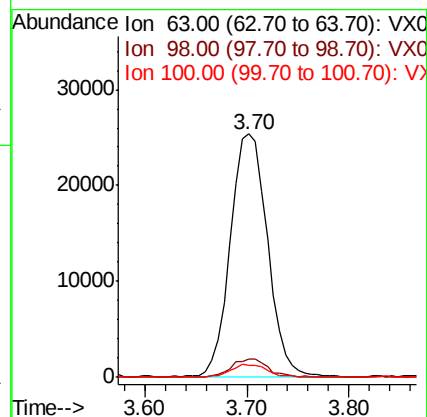
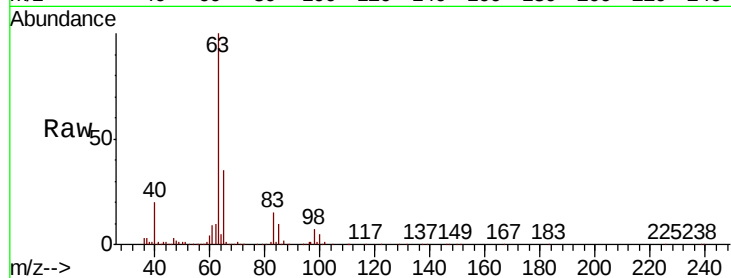
Tgt Ion: 63 Resp: 63730

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.8 2.4 7.1



#22

cis-1,2-Dichloroethene

Concen: 20.077 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

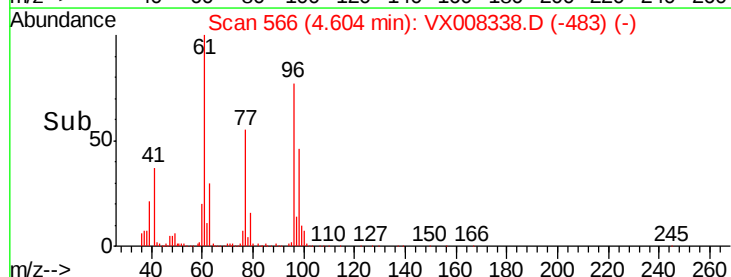
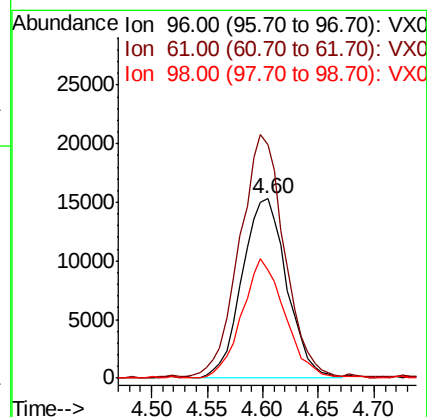
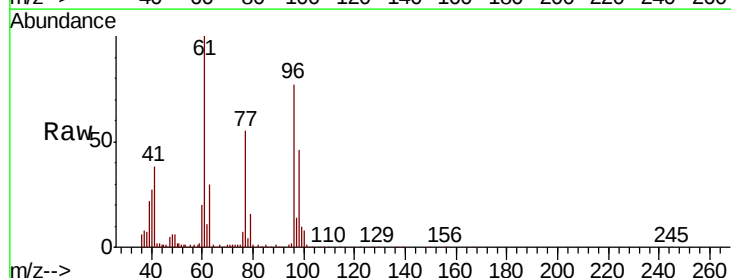
Tgt Ion: 96 Resp: 42805

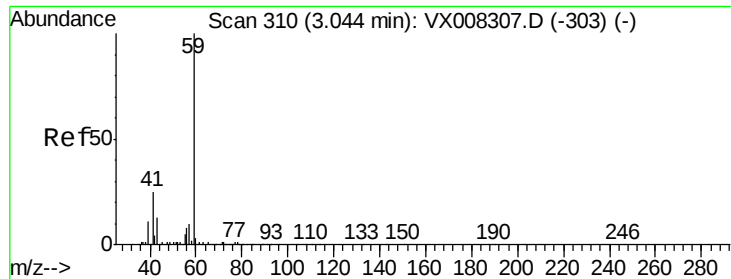
Ion Ratio Lower Upper

96 100

61 136.2 103.5 155.3

98 63.7 52.1 78.1



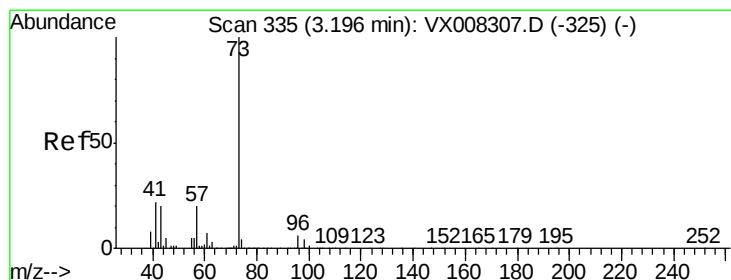
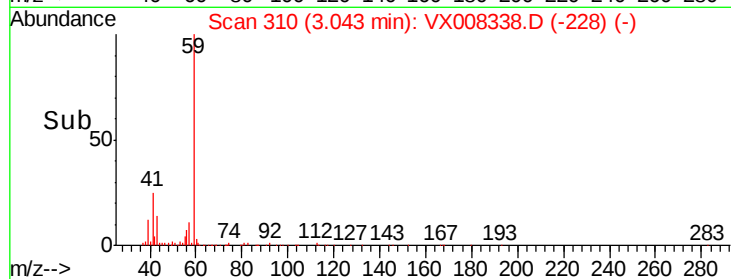
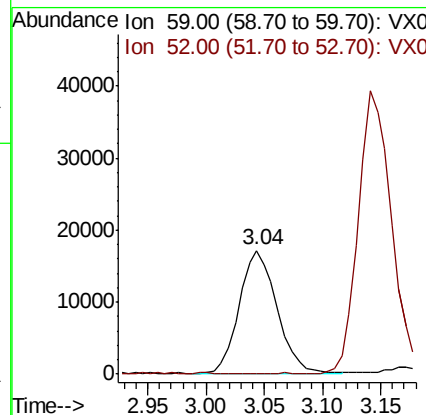
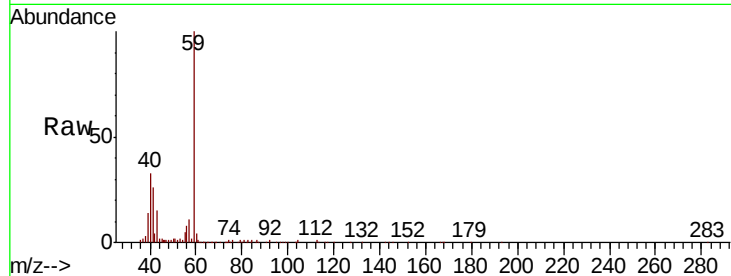


#23

tert-Butyl Alcohol
 Concen: 100.817 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

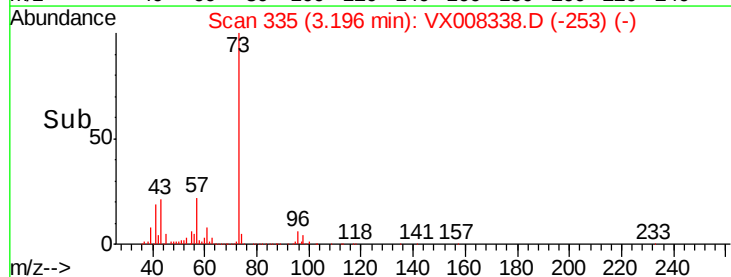
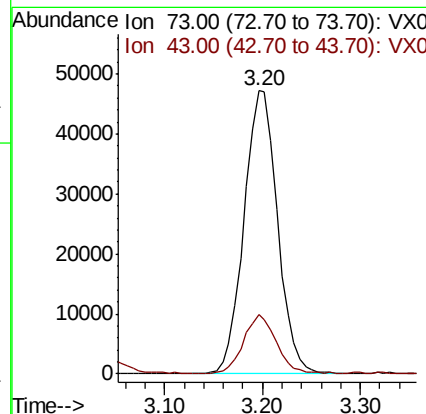
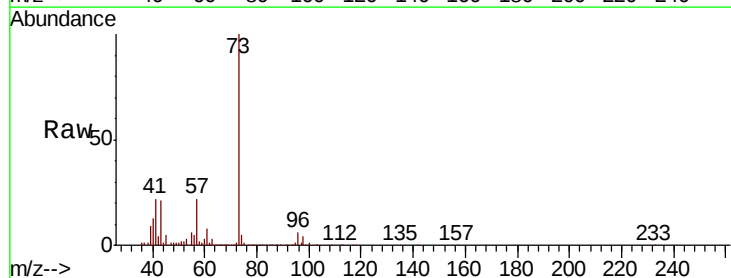
Tgt Ion: 59 Resp: 38596
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

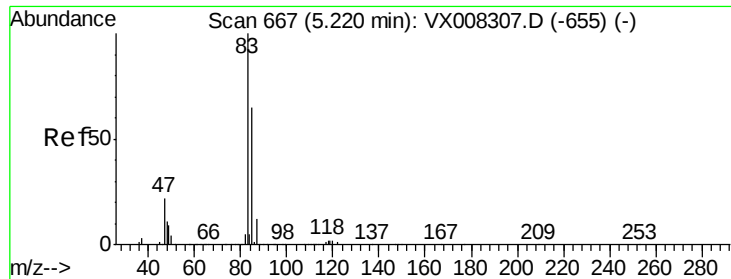


#24

Methyl tert-Butyl Ether
 Concen: 20.081 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

Tgt Ion: 73 Resp: 112344
 Ion Ratio Lower Upper
 73 100
 43 19.8 17.1 25.7





#25

Chloroform

Concen: 20.512 ug/l

RT: 5.22 min Scan# 667

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

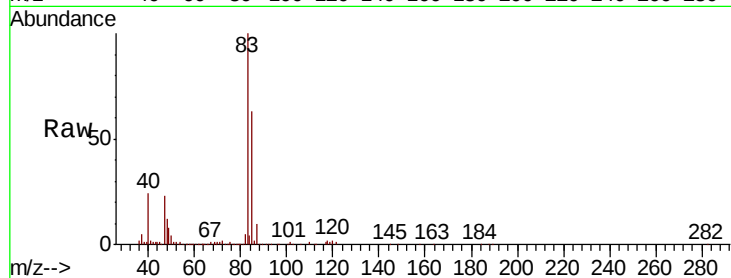
VX0322WBS01

Tgt Ion: 83 Resp: 69045

Ion Ratio Lower Upper

83 100

85 63.5 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

25000

20000

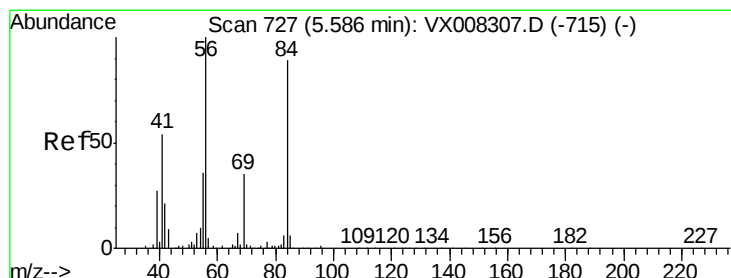
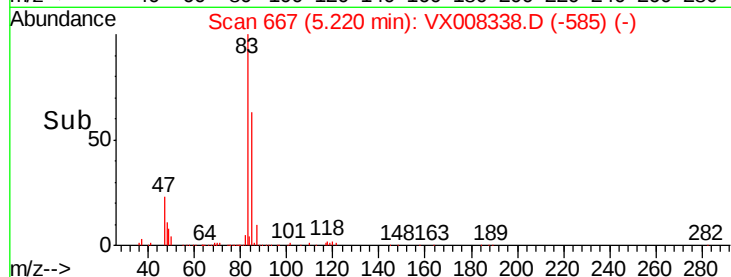
15000

10000

5000

0

Time--> 5.10 5.20 5.30



#26

Cyclohexane

Concen: 20.286 ug/l

RT: 5.59 min Scan# 727

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

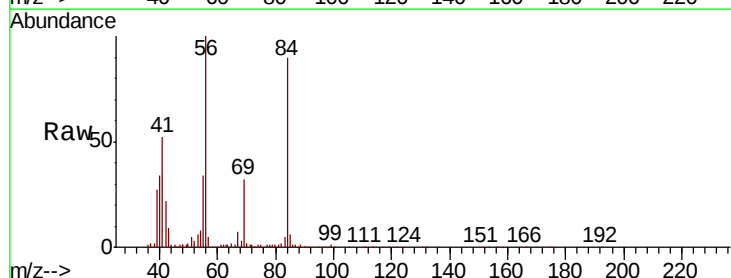
Tgt Ion: 56 Resp: 56929

Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 91.7 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

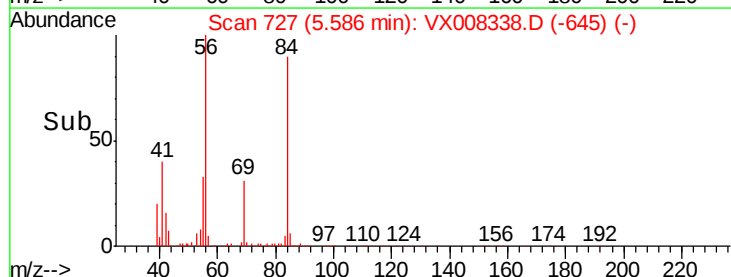
30000

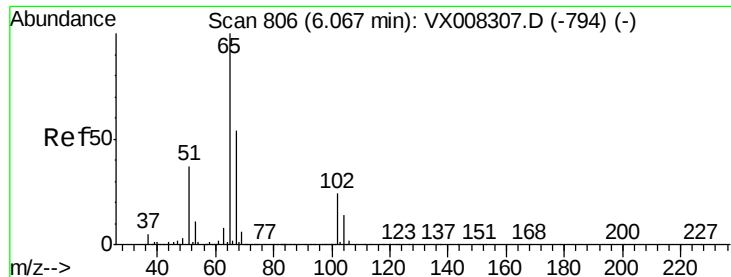
20000

10000

0

Time--> 5.50 5.60 5.70





#27

1,2-Dichloroethane-d4

Concen: 31.053 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

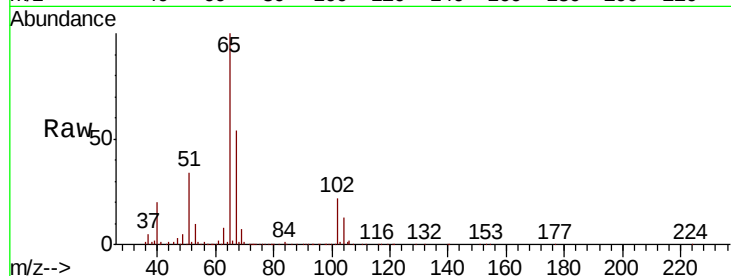
VX0322WBS01

Tgt Ion: 65 Resp: 68771

Ion Ratio Lower Upper

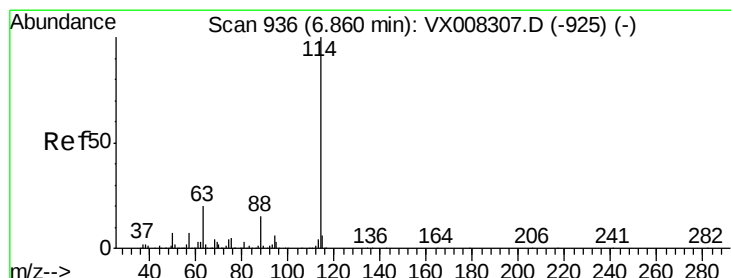
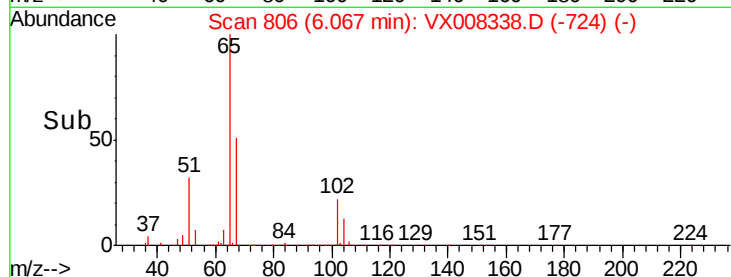
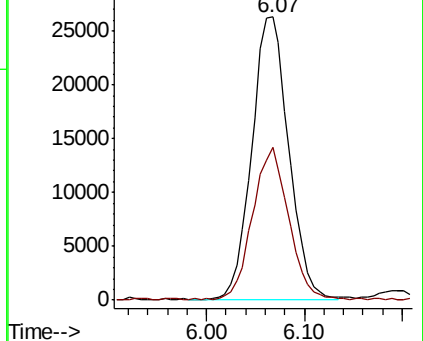
65 100

67 52.6 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

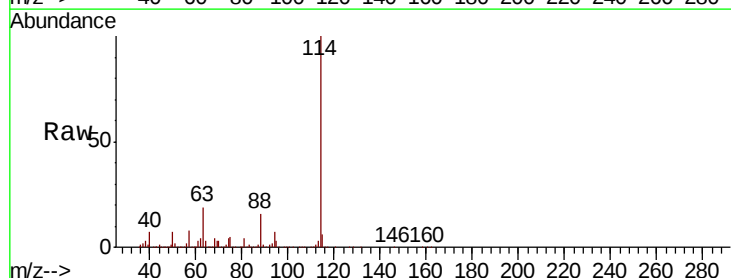
Tgt Ion: 114 Resp: 173769

Ion Ratio Lower Upper

114 100

63 18.7 14.2 21.4

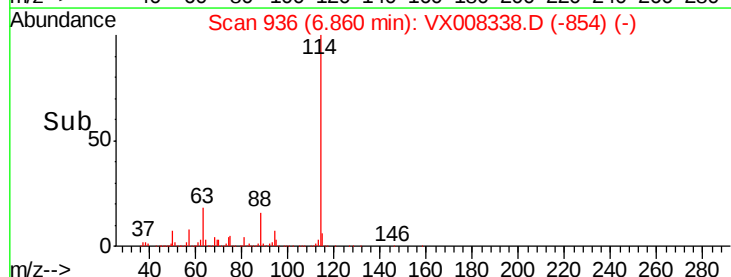
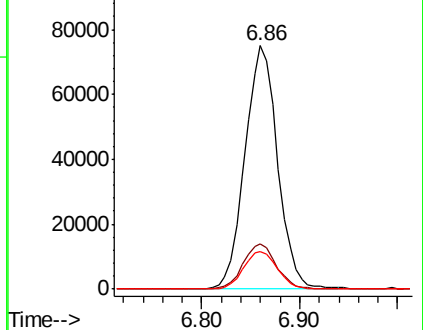
88 16.2 11.9 17.9

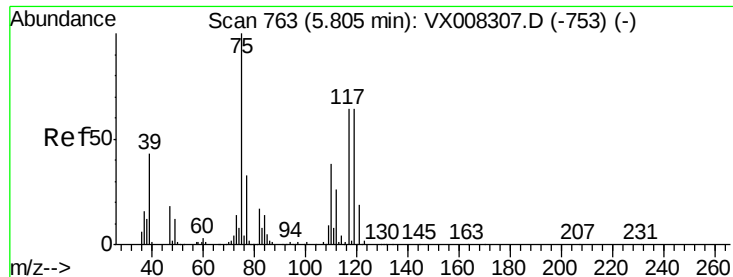


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 20.192 ug/l

RT: 5.81 min Scan# 763

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

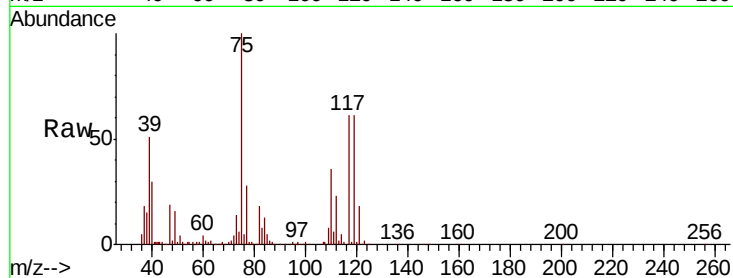
Tgt Ion: 75 Resp: 49835

Ion Ratio Lower Upper

75 100

110 38.8 0.0 80.8

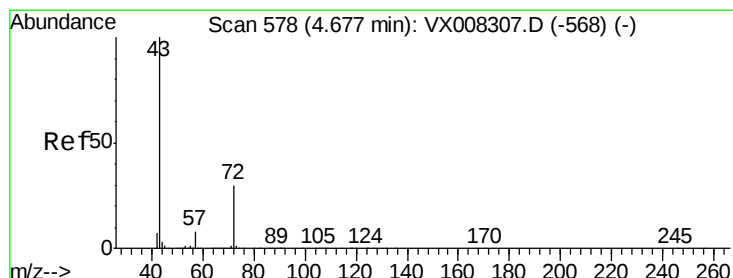
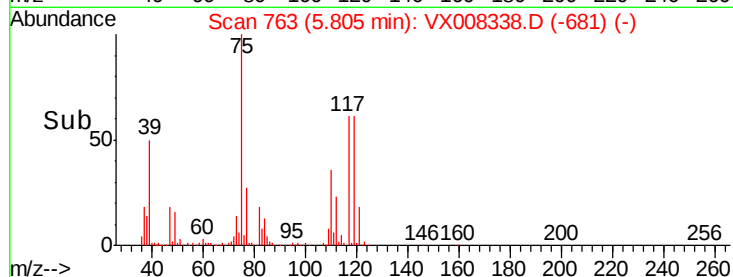
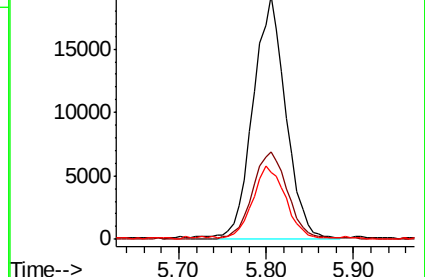
77 29.6 0.0 62.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 95.830 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

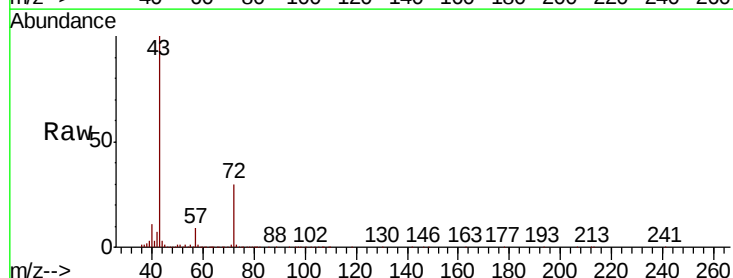
Tgt Ion: 43 Resp: 136228

Ion Ratio Lower Upper

43 100

57 9.5 7.0 10.6

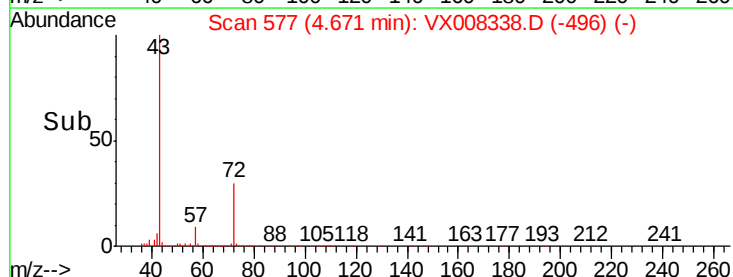
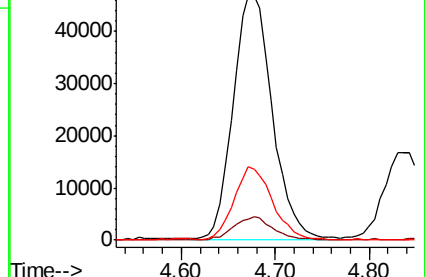
72 28.8 21.5 32.3

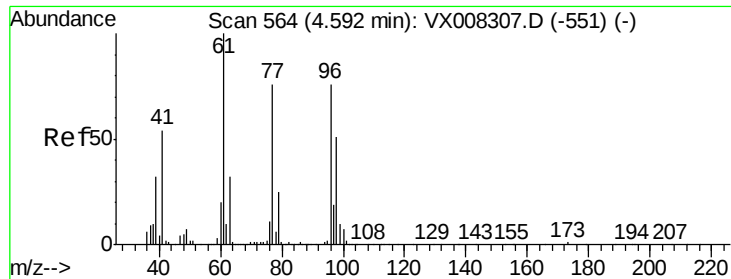


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

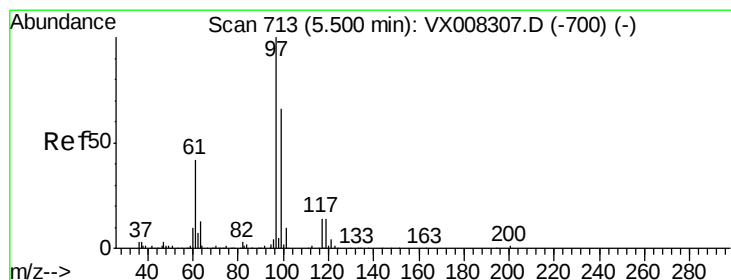
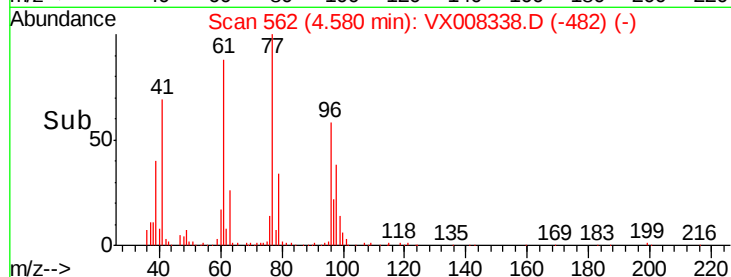
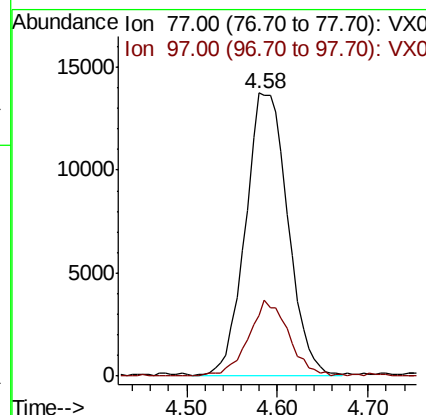
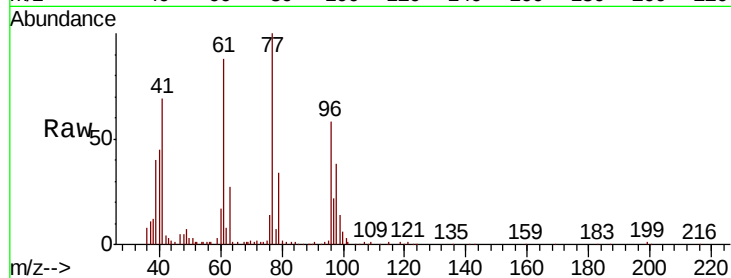




#31
 2,2-Dichloropropane
 Concen: 19.179 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

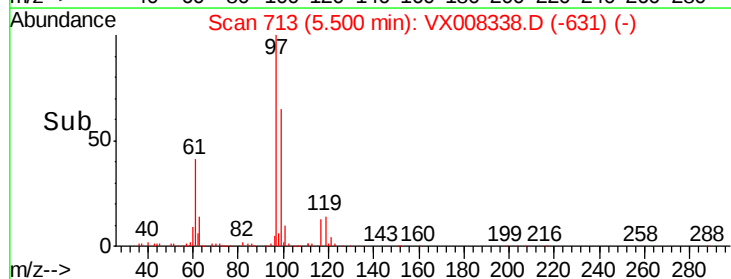
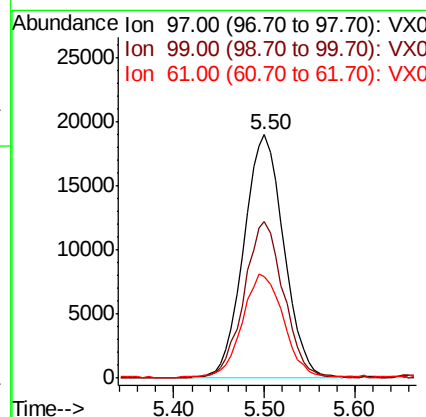
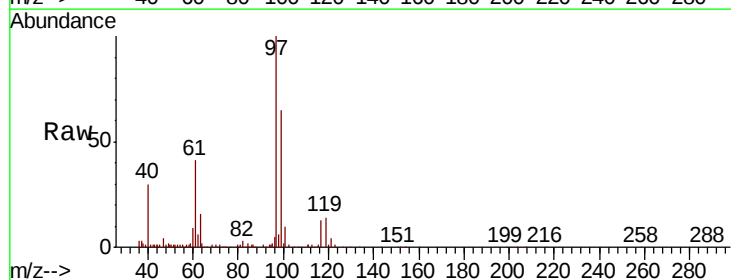
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

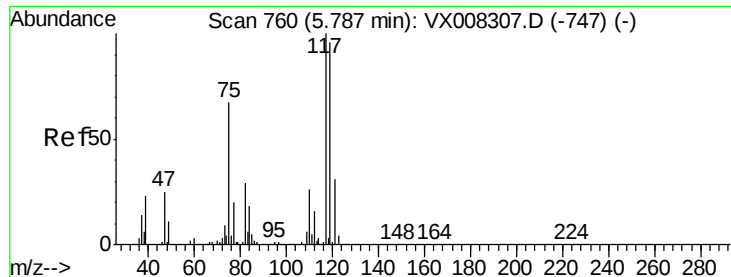
Tgt Ion: 77 Resp: 44565
 Ion Ratio Lower Upper
 77 100
 97 24.9 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 20.059 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

Tgt Ion: 97 Resp: 58250
 Ion Ratio Lower Upper
 97 100
 99 63.5 51.7 77.5
 61 44.0 32.8 49.2

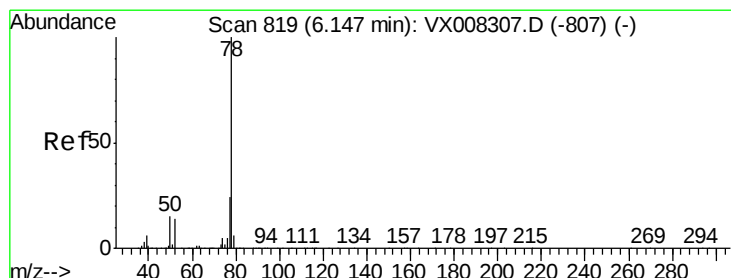
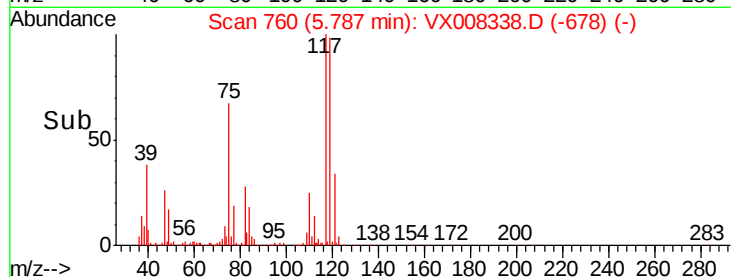
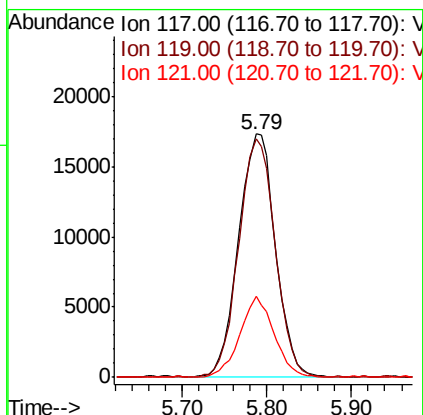
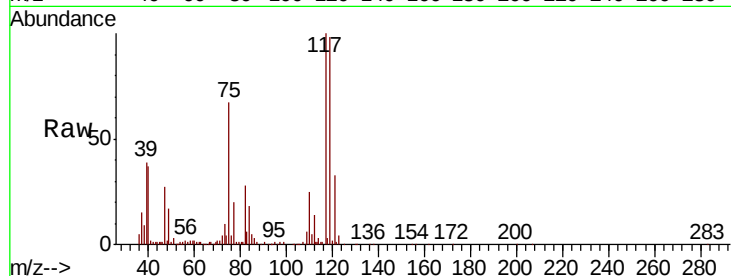




#33
Carbon Tetrachloride
Concen: 19.283 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

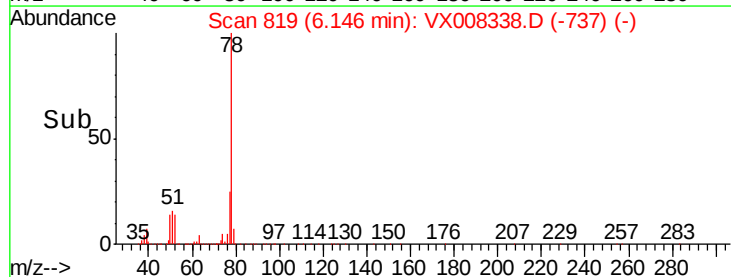
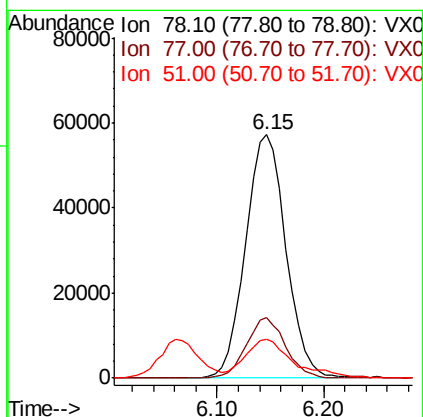
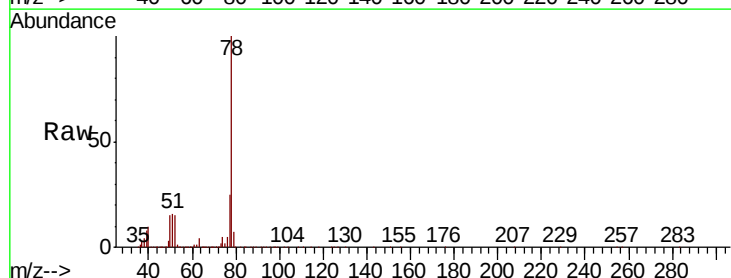
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

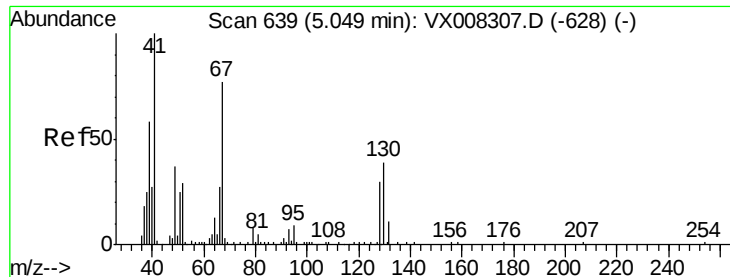
Tgt Ion: 117 Resp: 51426
Ion Ratio Lower Upper
117 100
119 98.1 78.1 117.1
121 33.2 27.0 40.6



#34
Benzene
Concen: 20.613 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

Tgt Ion: 78 Resp: 151539
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7
51 14.2 10.8 16.2





#35

Methacrylonitrile

Concen: 20.117 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

Tgt Ion: 41 Resp: 26638

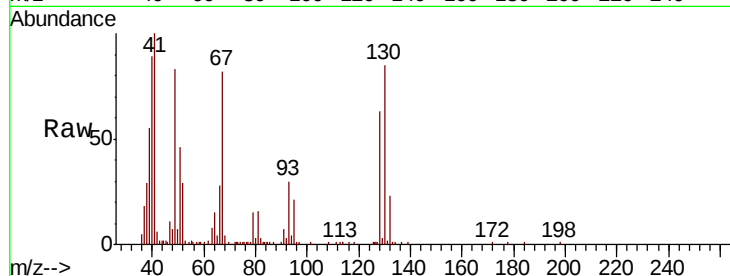
Ion Ratio Lower Upper

41 100

39 53.5 27.4 82.0

67 82.4 37.9 113.6

52 28.4 13.3 39.9

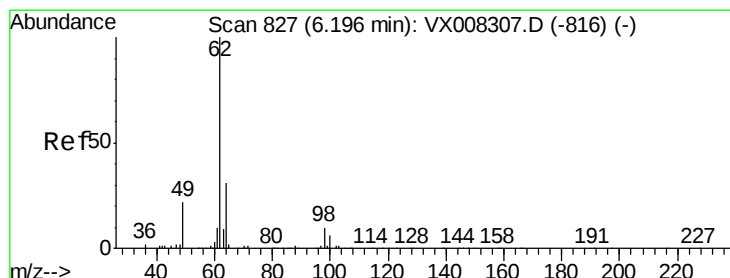
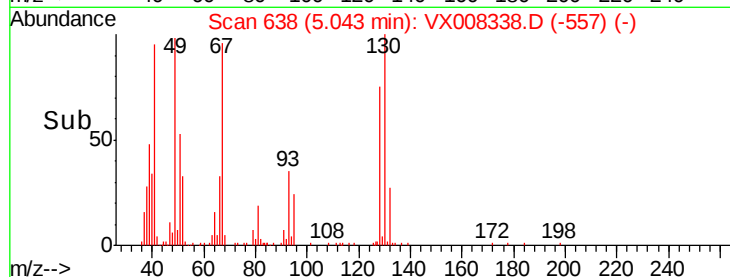
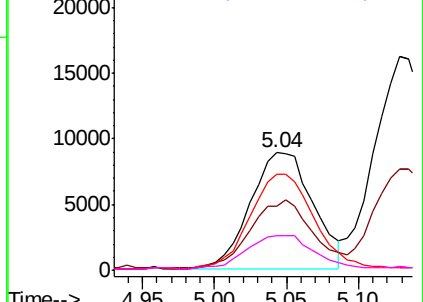


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36

1,2-Dichloroethane

Concen: 20.373 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008338.D

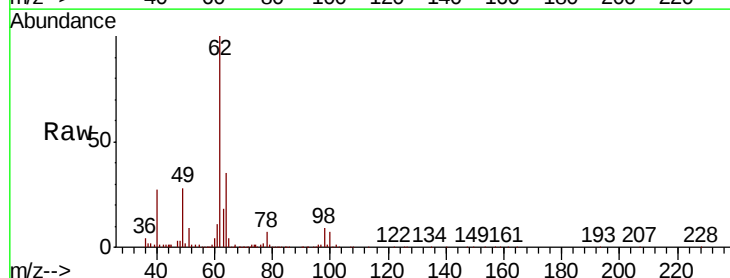
Acq: 22 Mar 2019 14:59

Tgt Ion: 62 Resp: 55205

Ion Ratio Lower Upper

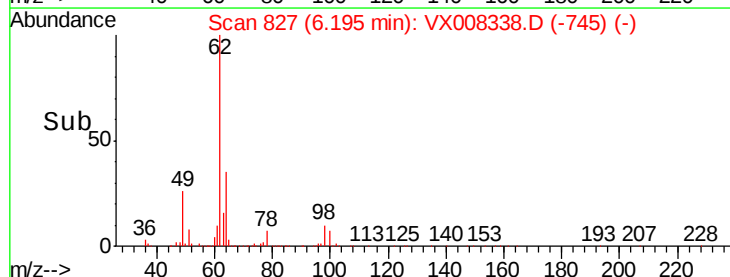
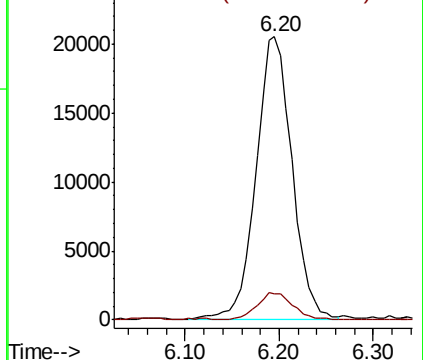
62 100

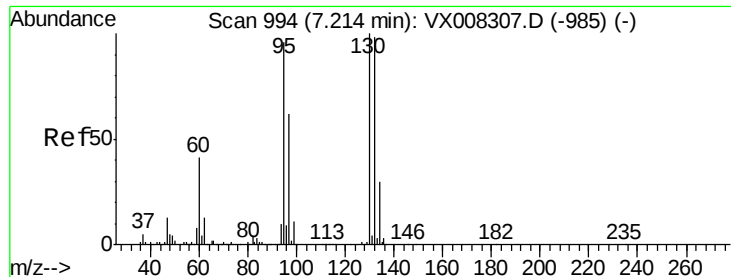
98 8.9 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 19.758 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

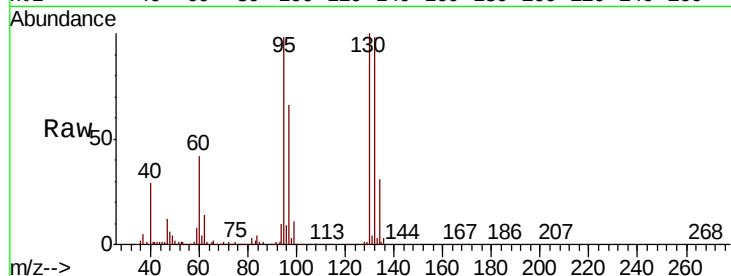
VX0322WBS01

Tgt Ion:130 Resp: 42708

Ion Ratio Lower Upper

130 100

95 98.1 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

20000

15000

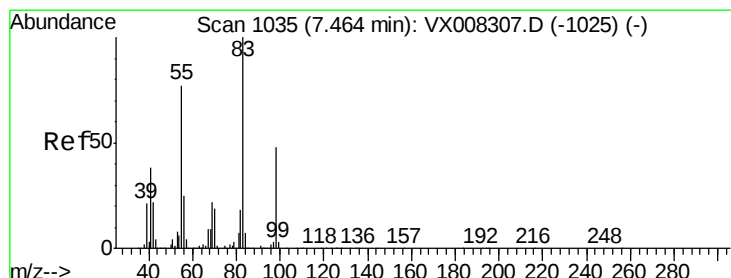
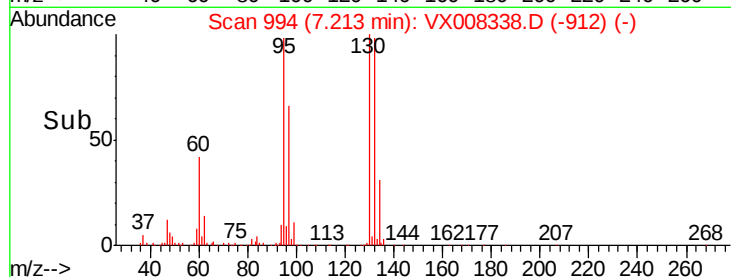
10000

5000

0

7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 19.173 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

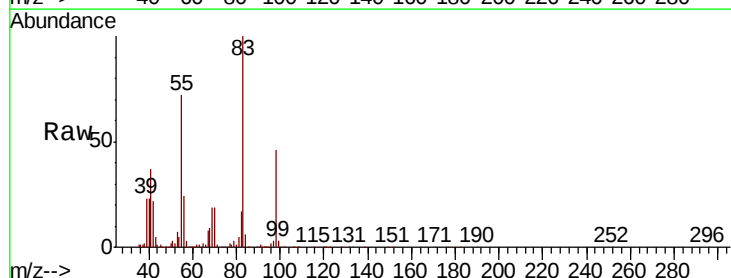
Tgt Ion: 83 Resp: 59305

Ion Ratio Lower Upper

83 100

55 73.4 36.0 108.0

98 49.4 23.8 71.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.46

30000

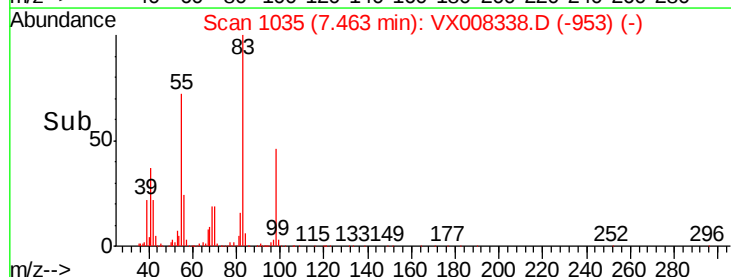
20000

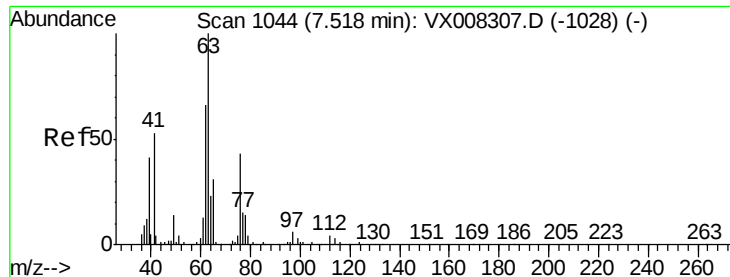
10000

0

7.35 7.40 7.45 7.50 7.55

Time-->





#39

1,2-Dichloropropane

Concen: 20.406 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

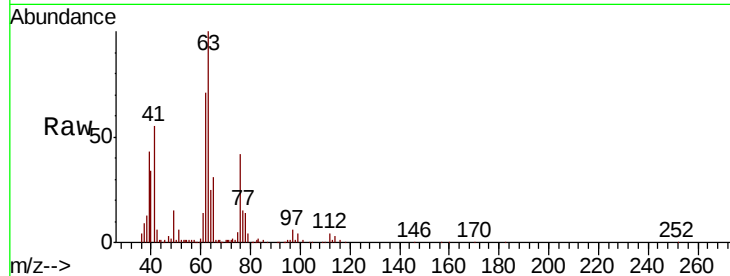
VX0322WBS01

Tgt Ion: 63 Resp: 38172

Ion Ratio Lower Upper

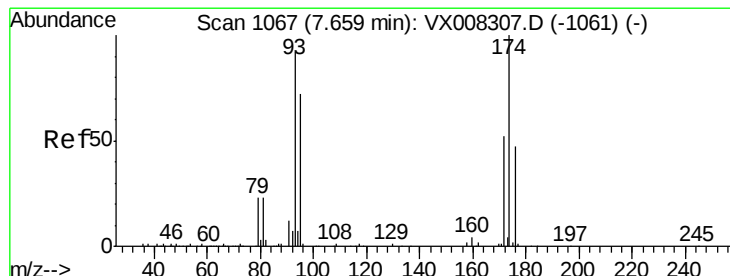
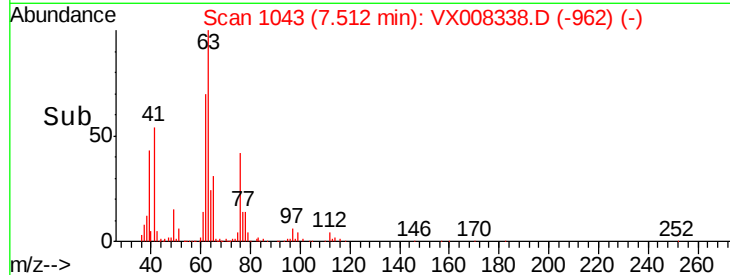
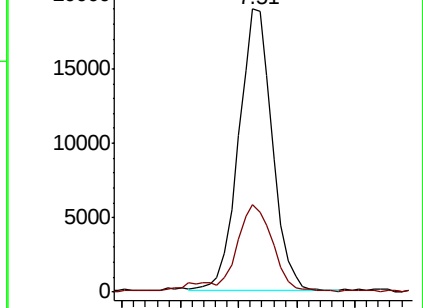
63 100

65 30.8 24.6 37.0



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 20.444 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

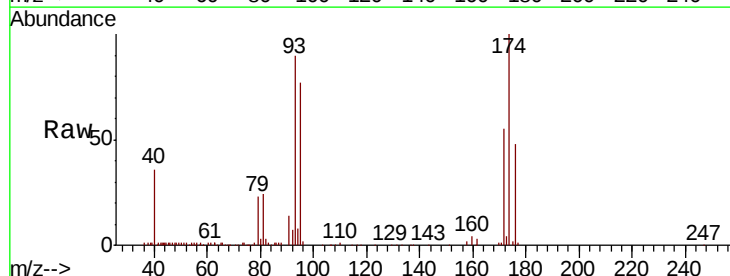
Tgt Ion: 93 Resp: 28049

Ion Ratio Lower Upper

93 100

95 83.3 0.0 158.8

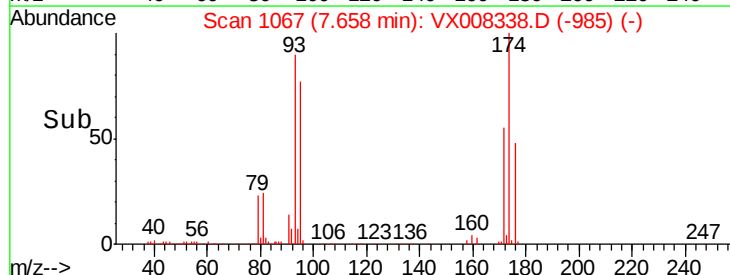
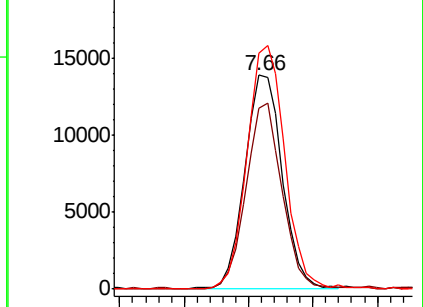
174 113.8 0.0 224.2

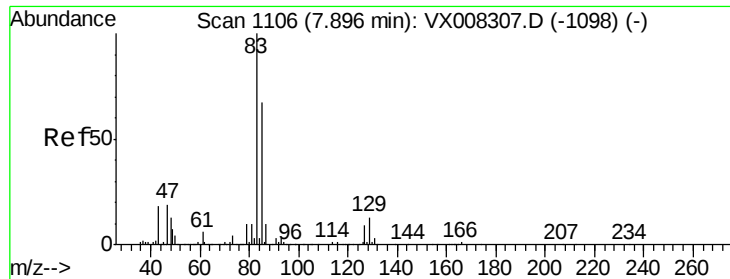


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 20.217 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

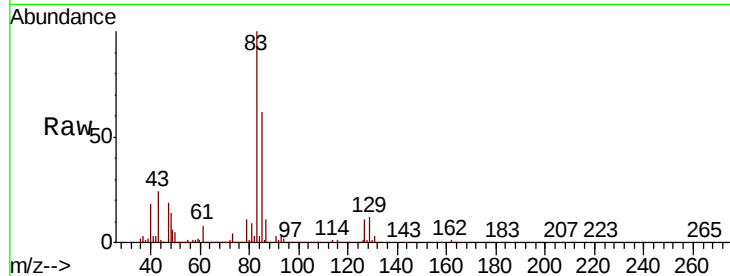
Tgt Ion: 83 Resp: 52633

Ion Ratio Lower Upper

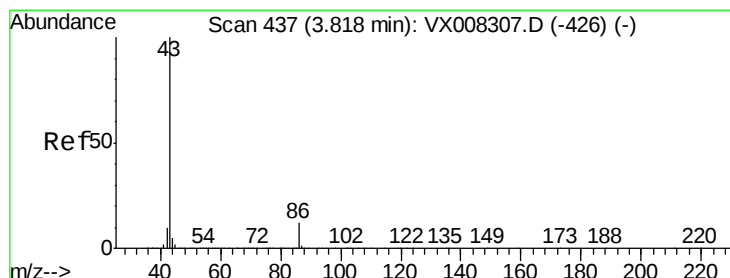
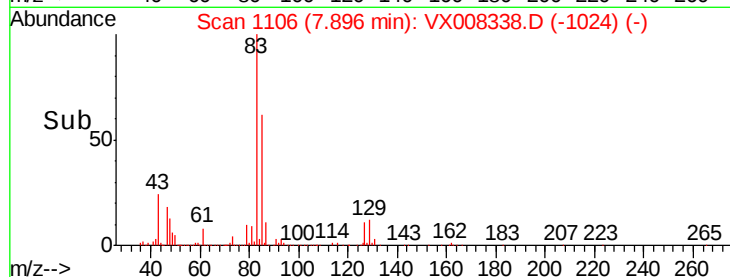
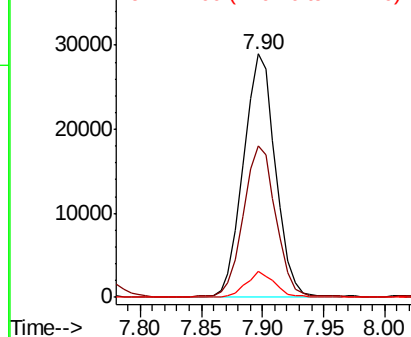
83 100

85 62.1 51.1 76.7

127 10.9 7.2 10.8#



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 100.593 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008338.D

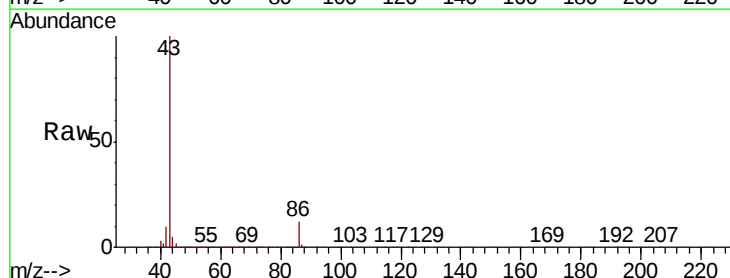
Acq: 22 Mar 2019 14:59

Tgt Ion: 43 Resp: 480637

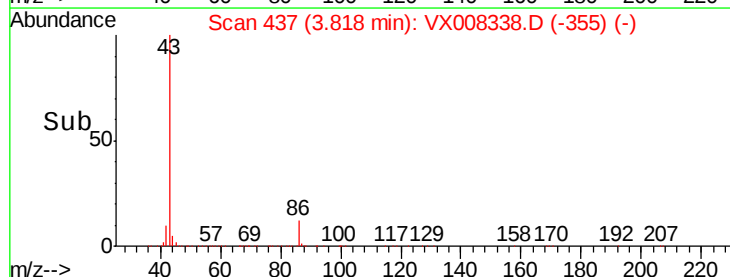
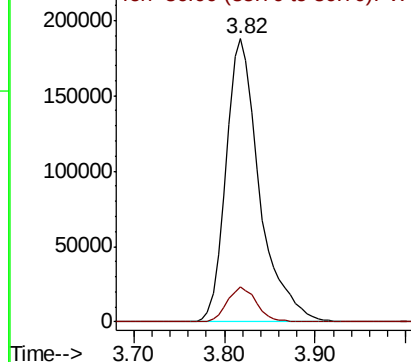
Ion Ratio Lower Upper

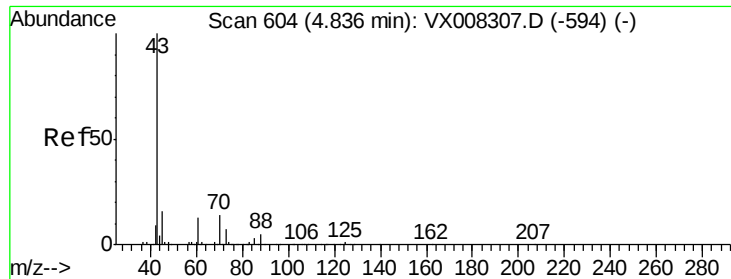
43 100

86 10.9 8.2 12.2



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

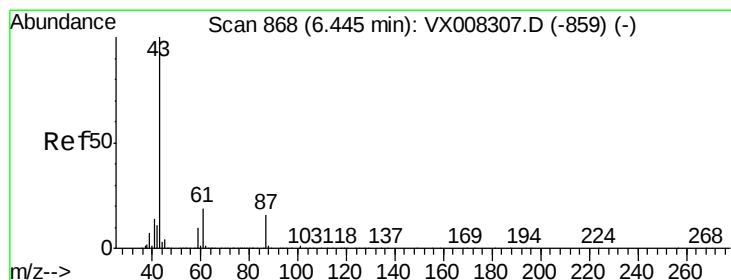
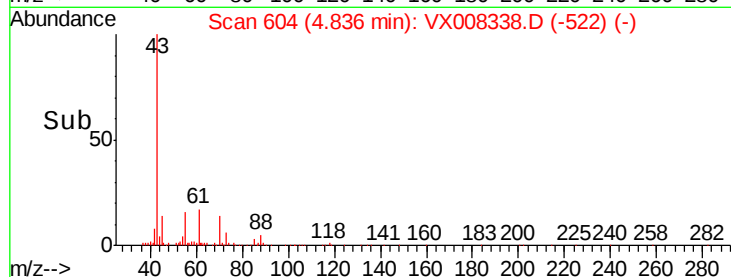
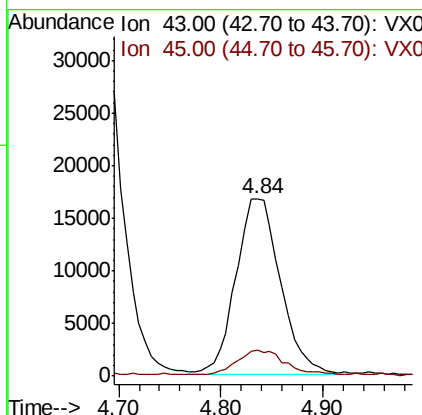
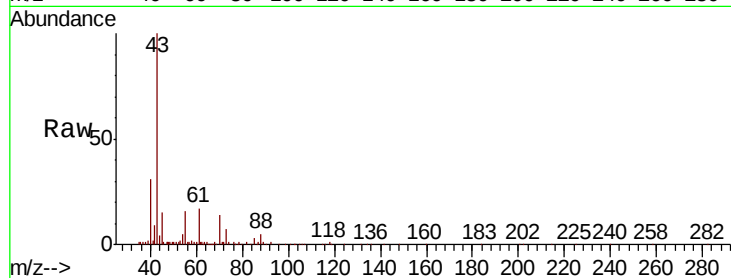




#43
Ethyl Acetate
Concen: 20.438 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

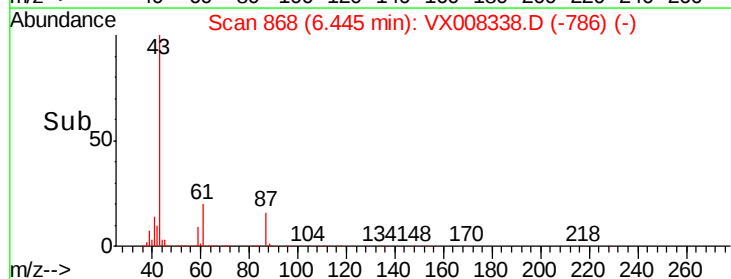
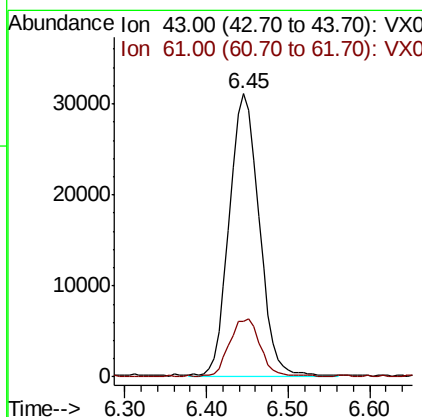
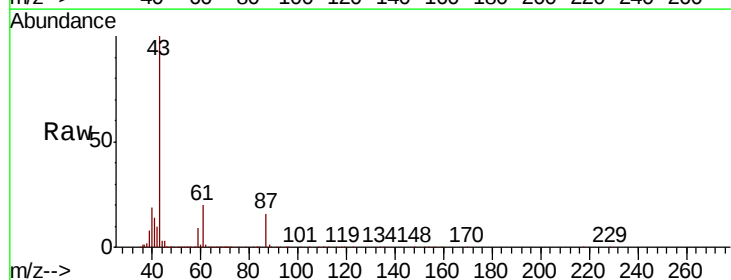
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

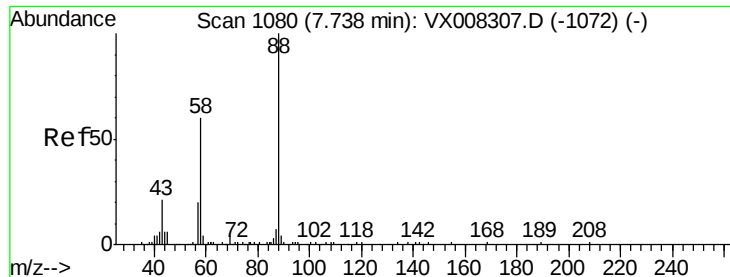
Tgt Ion: 43 Resp: 51285
Ion Ratio Lower Upper
43 100
45 14.1 6.9 10.3#



#44
Isopropyl Acetate
Concen: 19.971 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

Tgt Ion: 43 Resp: 78865
Ion Ratio Lower Upper
43 100
61 21.2 16.1 24.1

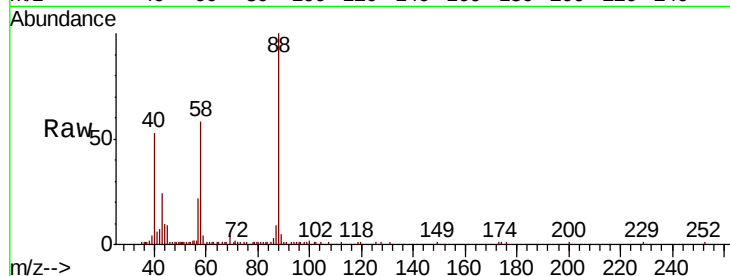




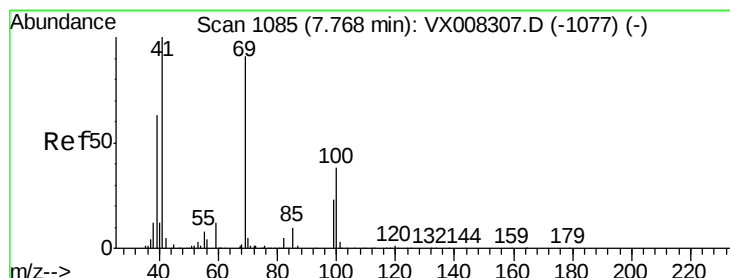
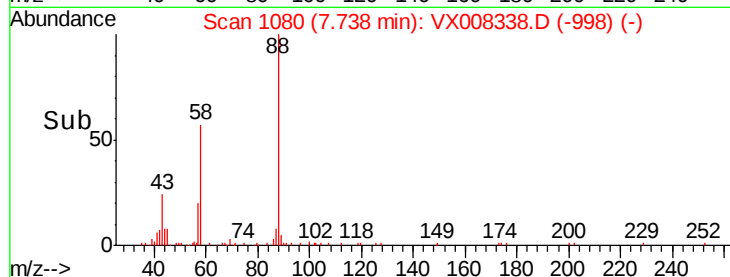
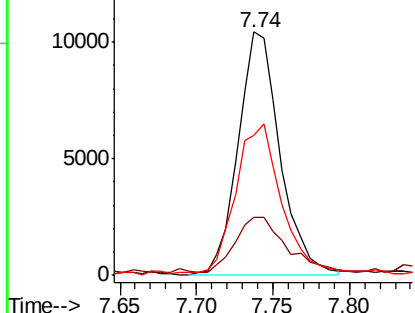
#45
 1,4-Dioxane
 Concen: 402.022 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

Tgt Ion: 88 Resp: 19968
 Ion Ratio Lower Upper
 88 100
 43 28.0 23.6 35.4
 58 66.3 51.6 77.4

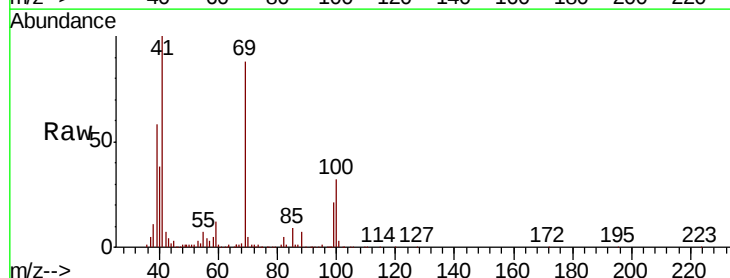


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

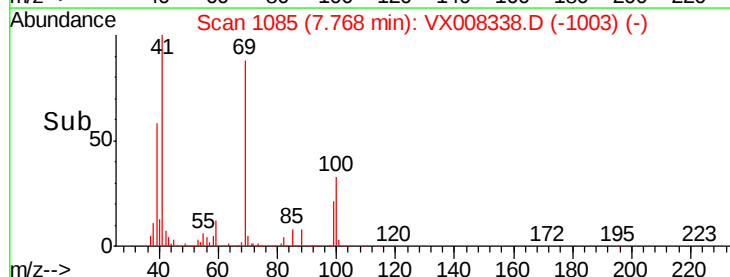
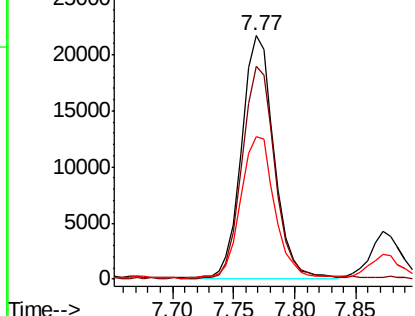


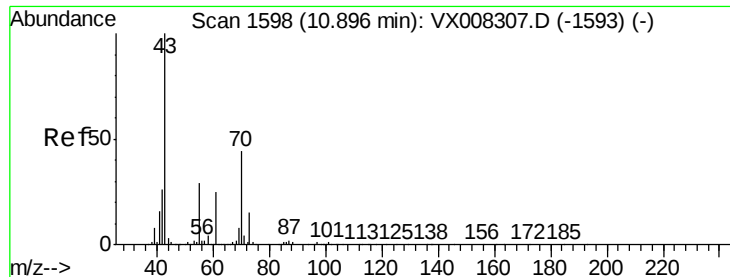
#46
 Methyl methacrylate
 Concen: 20.655 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

Tgt Ion: 41 Resp: 40023
 Ion Ratio Lower Upper
 41 100
 69 87.9 44.2 132.6
 39 58.0 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-amy1 Acetate

Concen: 19.300 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

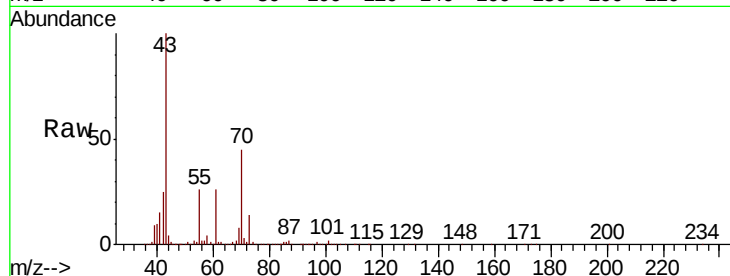
VX0322WBS01

Tgt Ion: 43 Resp: 65344

Ion Ratio Lower Upper

43 100

55 26.9 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

60000

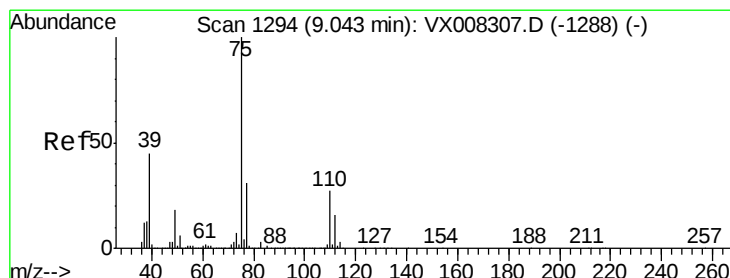
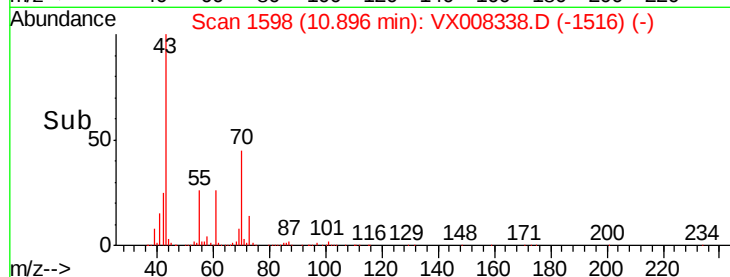
40000

20000

0

10.85 10.90 10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 18.928 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008338.D

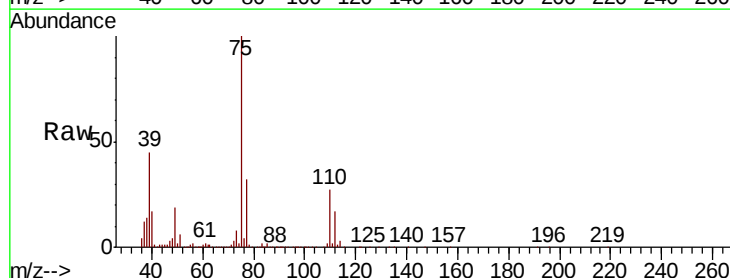
Acq: 22 Mar 2019 14:59

Tgt Ion: 75 Resp: 49337

Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

40000

30000

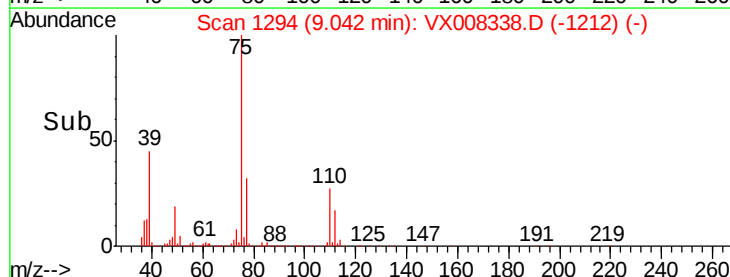
20000

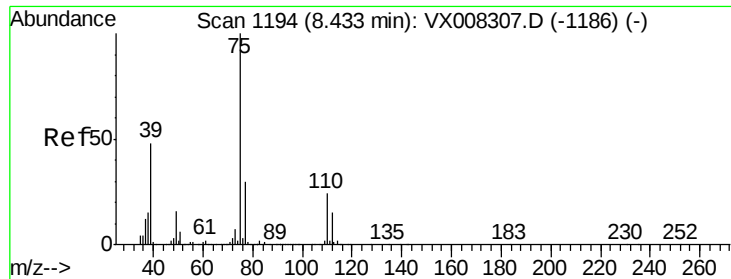
10000

0

9.00 9.05 9.10

Time-->



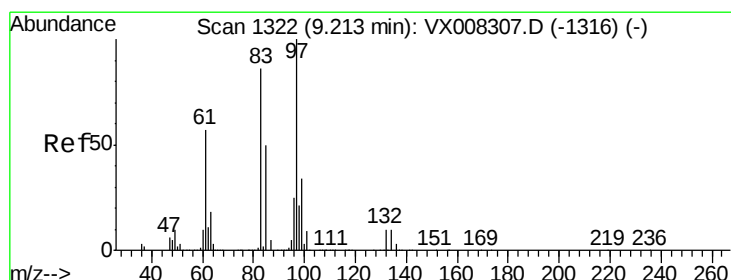
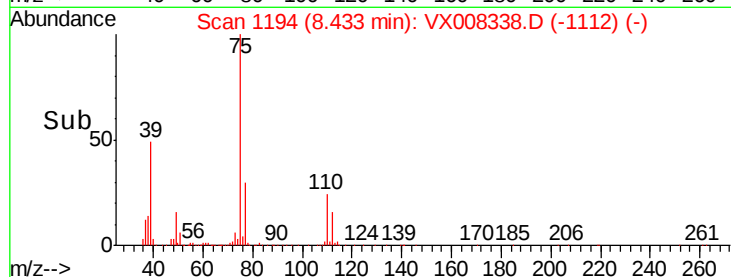
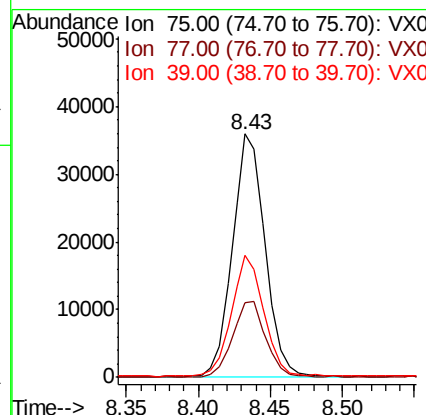
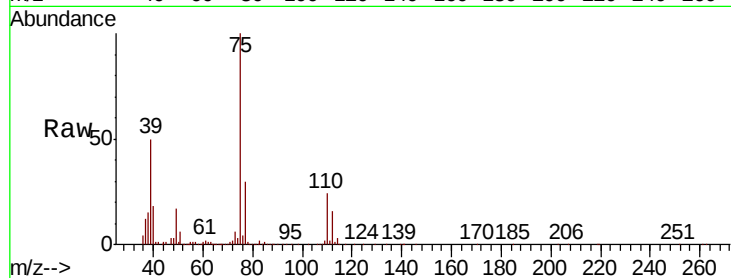


#49

cis-1,3-Dichloropropene
 Concen: 19.646 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

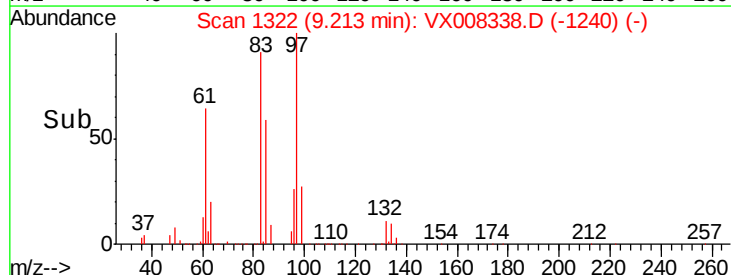
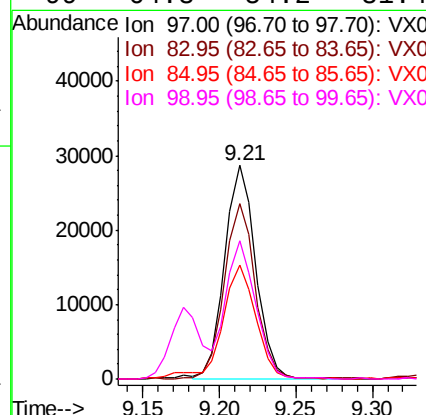
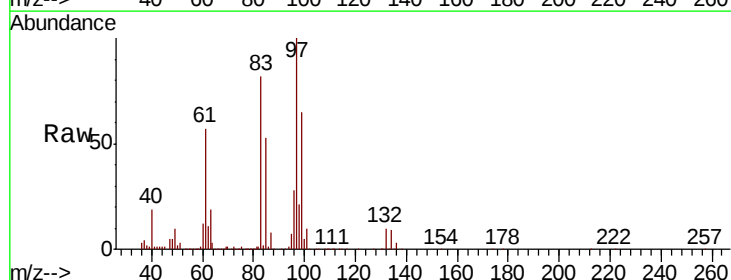
Tgt Ion:	75	Resp:	57143
Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.0	37.4
39	49.6	38.5	57.7

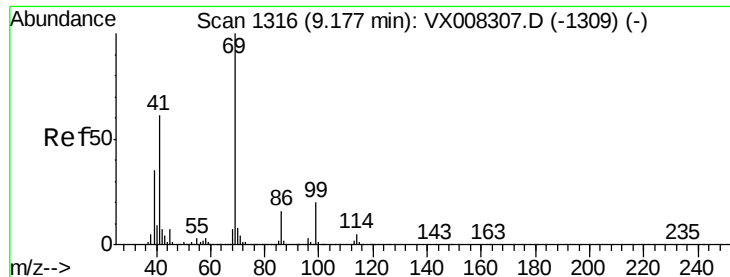


#50

1,1,2-Trichloroethane
 Concen: 20.587 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

Tgt Ion:	97	Resp:	40577
Ion	Ratio	Lower	Upper
97	100		
83	81.7	72.0	108.0
85	53.1	45.0	67.6
99	64.8	54.2	81.4





#51

Ethyl methacrylate

Concen: 20.706 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

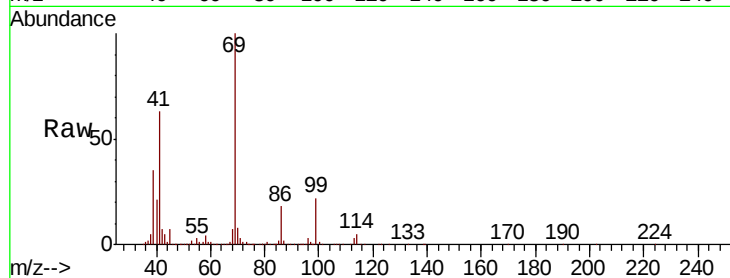
Tgt Ion: 69 Resp: 59582

Ion Ratio Lower Upper

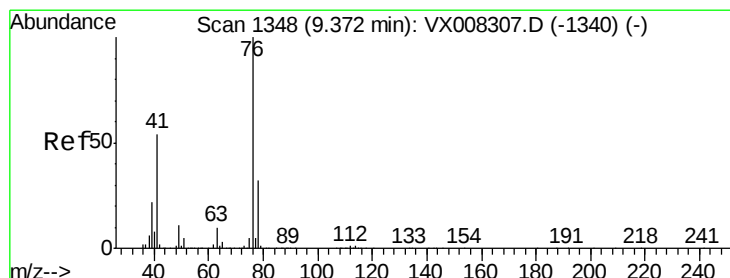
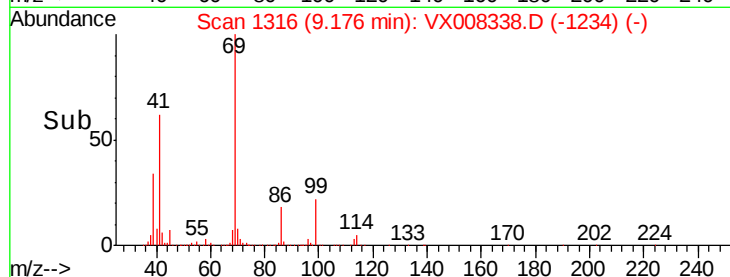
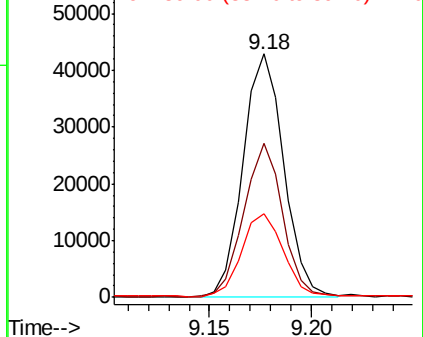
69 100

41 63.4 32.1 96.5

39 34.2 18.8 56.3



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



#52

1,3-Dichloropropane

Concen: 20.212 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008338.D

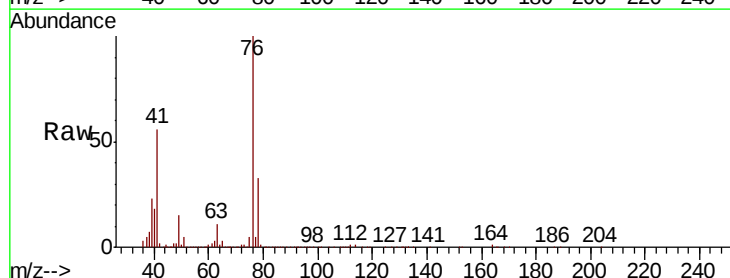
Acq: 22 Mar 2019 14:59

Tgt Ion: 76 Resp: 63890

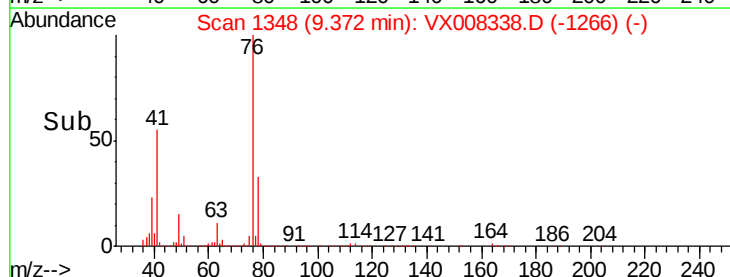
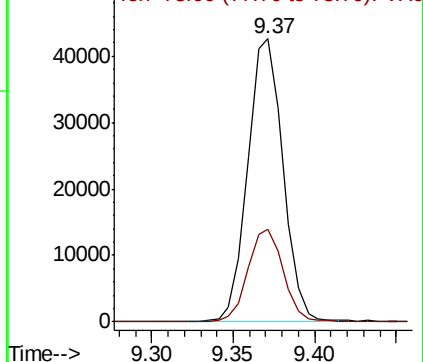
Ion Ratio Lower Upper

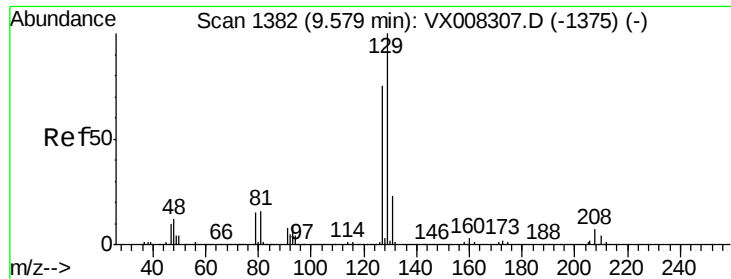
76 100

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: 19.662 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

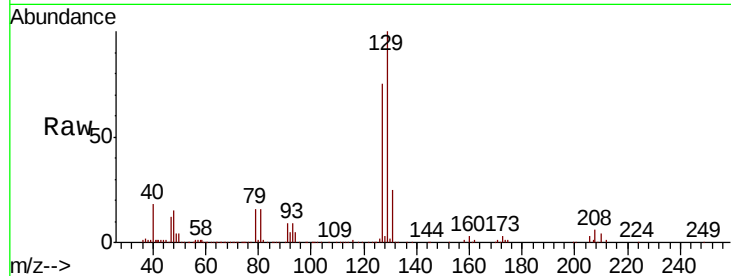
VX0322WBS01

Tgt Ion:129 Resp: 43687

Ion Ratio Lower Upper

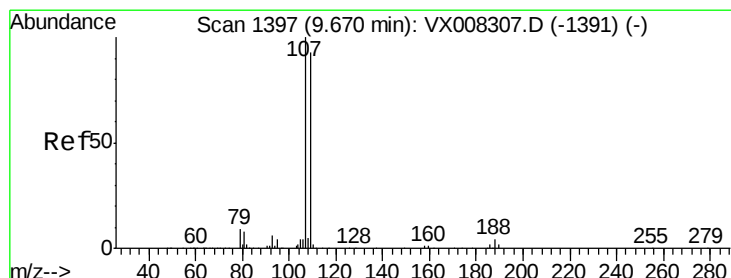
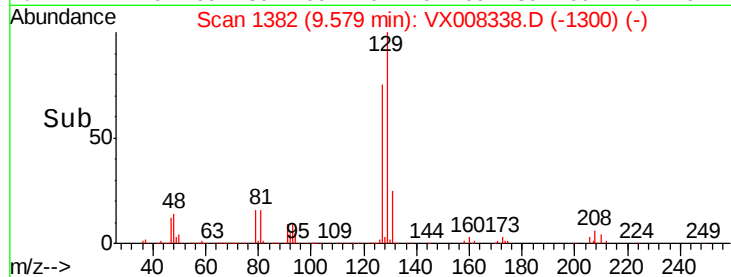
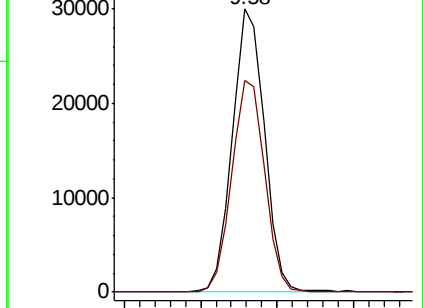
129 100

127 76.6 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.058 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008338.D

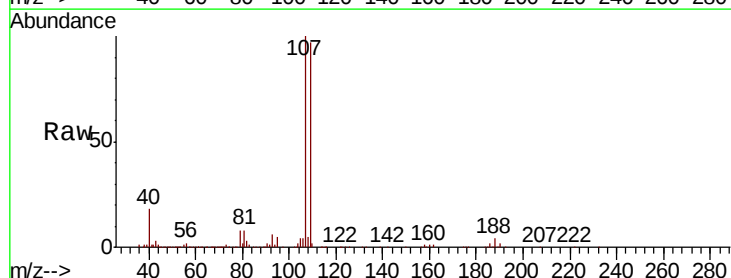
Acq: 22 Mar 2019 14:59

Tgt Ion:107 Resp: 43377

Ion Ratio Lower Upper

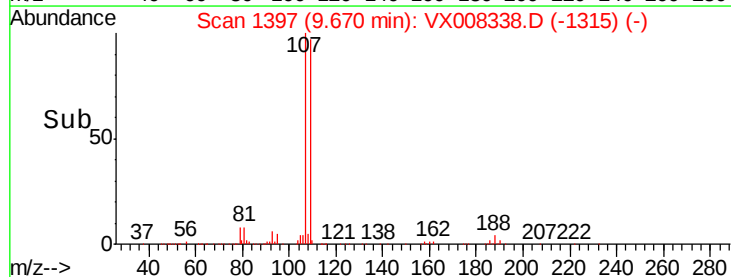
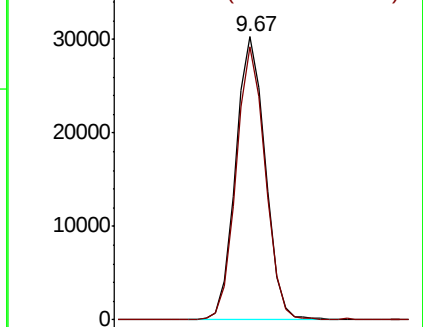
107 100

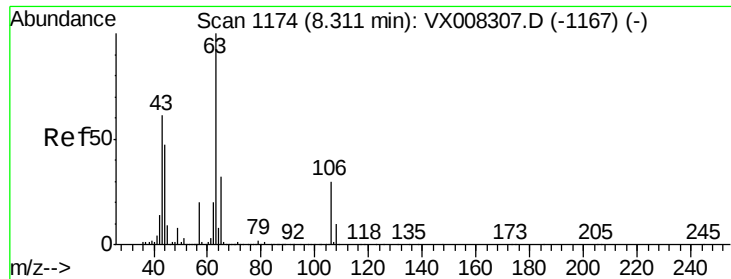
109 94.9 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

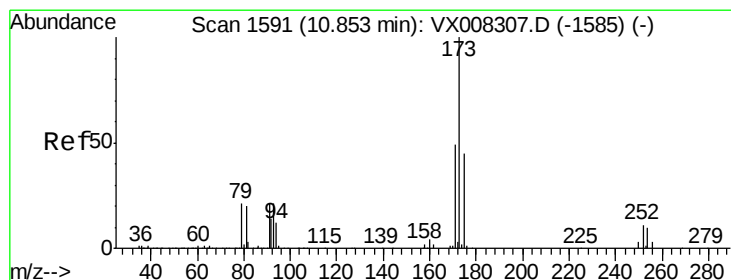
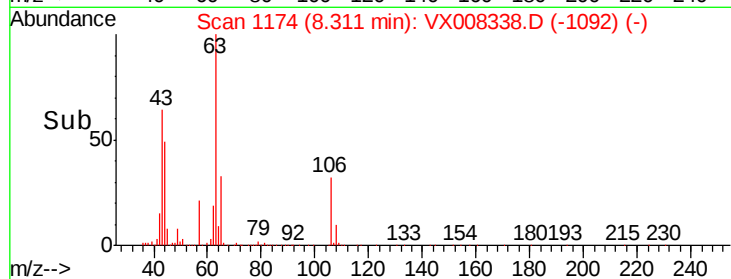
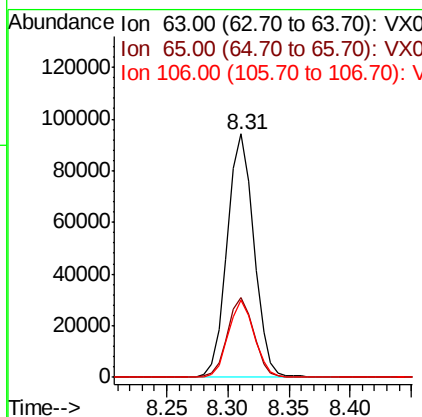
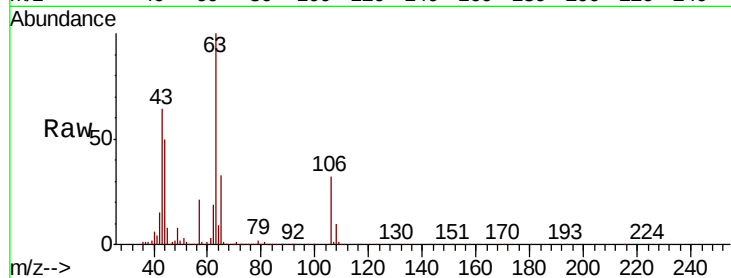




#55
 2-Chloroethyl vinyl ether
 Concen: 98.097 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

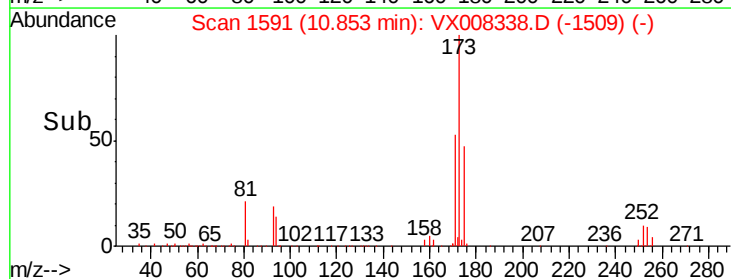
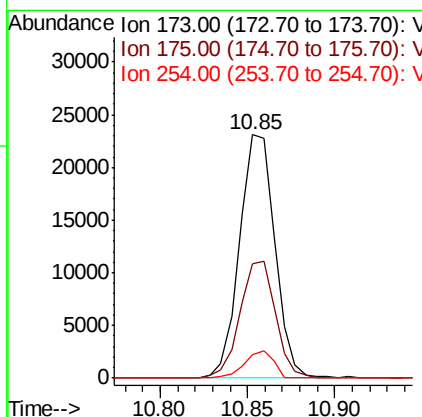
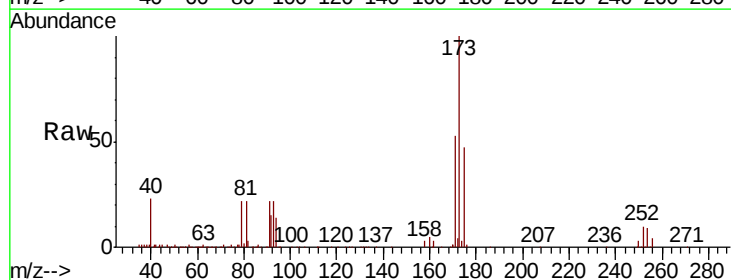
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

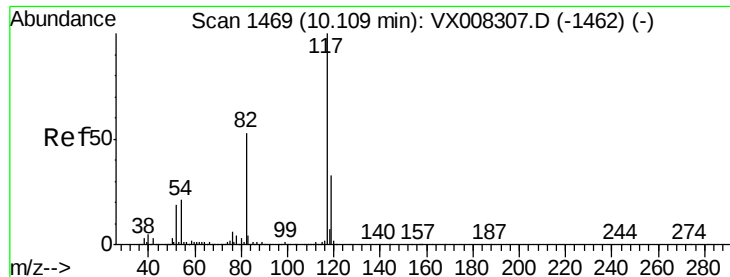
Tgt Ion: 63 Resp: 142019
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.7 38.5
 106 30.9 23.7 35.5



#56
 Bromoform
 Concen: 18.586 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

Tgt Ion: 173 Resp: 32602
 Ion Ratio Lower Upper
 173 100
 175 48.4 38.5 57.7
 254 8.9 7.4 11.2

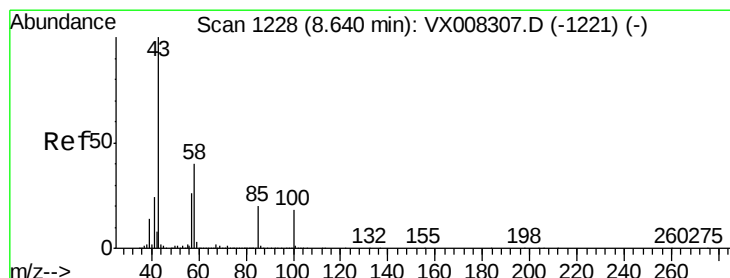
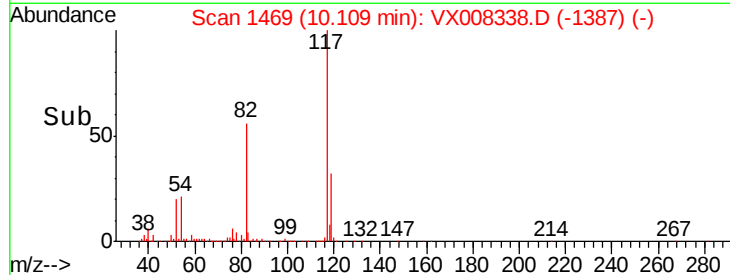
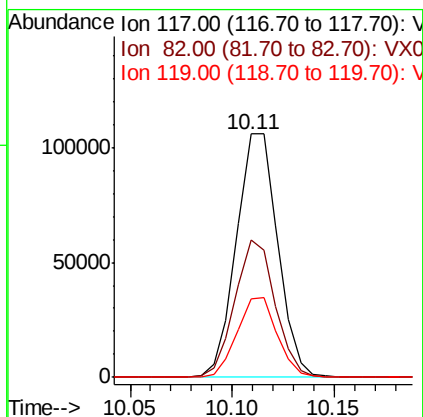
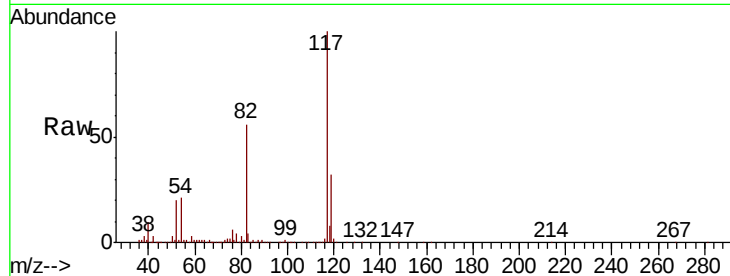




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

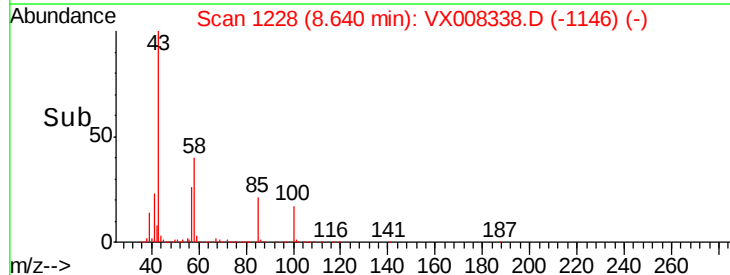
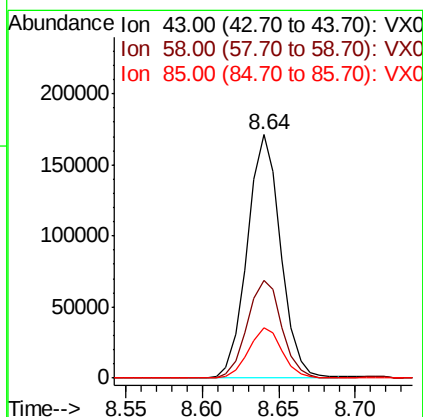
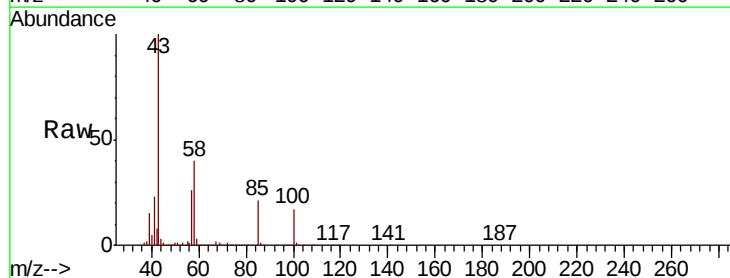
Instrument :
MSVOA_X
ClientSampled :
VX0322WBS01

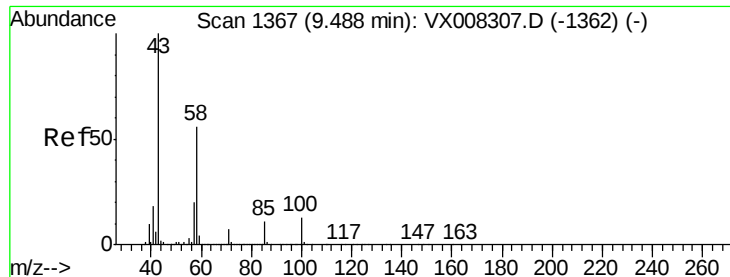
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.8	40.4	60.6
119	32.0	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 103.127 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.3	31.4	47.0
85	20.8	15.0	22.6

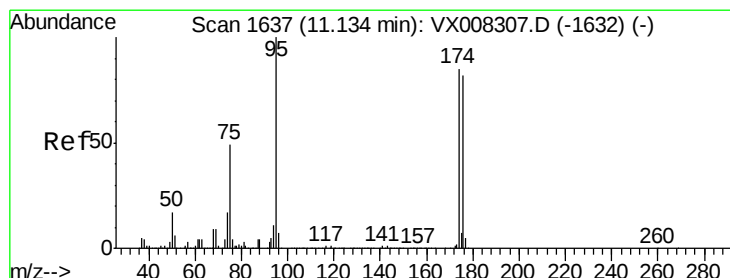
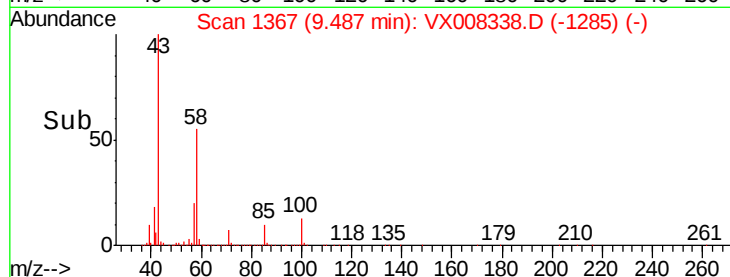
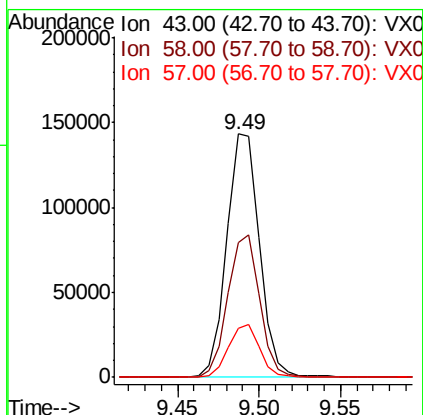
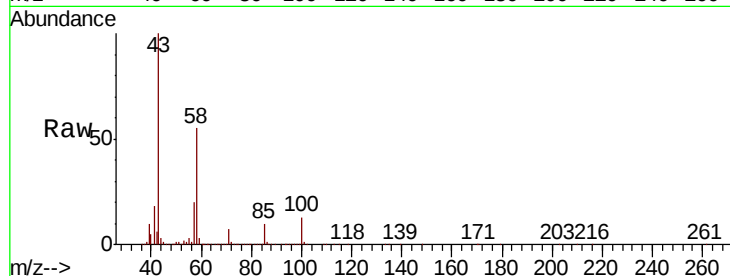




#59
2-Hexanone
Concen: 99.843 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

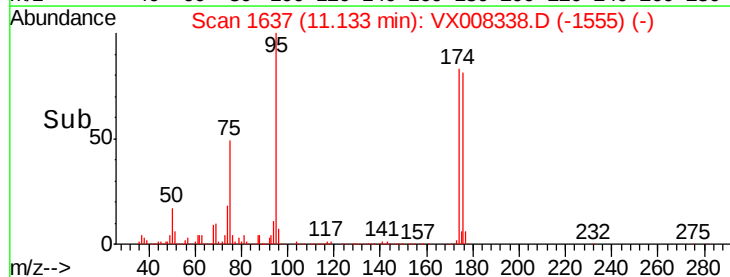
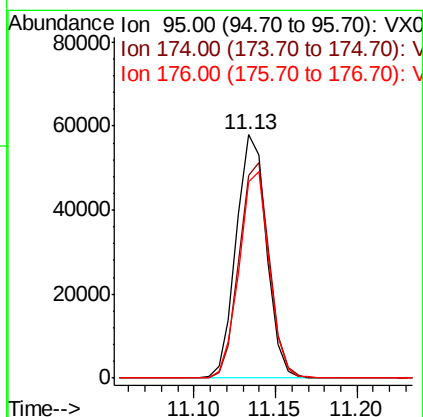
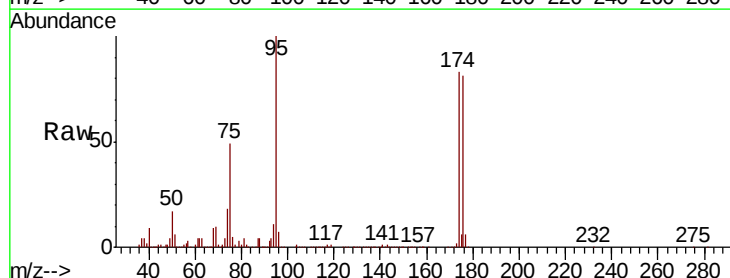
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

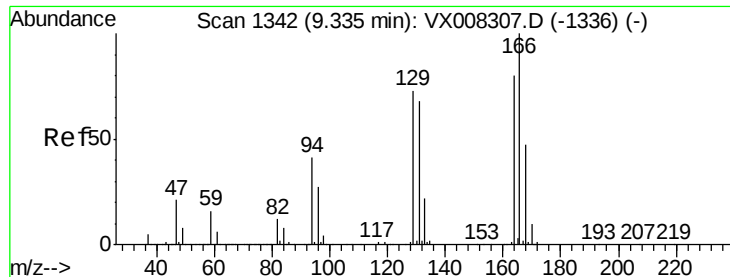
Tgt Ion	Ratio	Lower	Upper
43	100		
58	57.1	43.9	65.9
57	20.7	14.9	22.3



#60
4-Bromofluorobenzene
Concen: 30.885 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.4	74.9	112.3
176	84.4	70.7	106.1





#61

Tetrachloroethene

Concen: 20.875 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

Tgt Ion:164 Resp: 42101

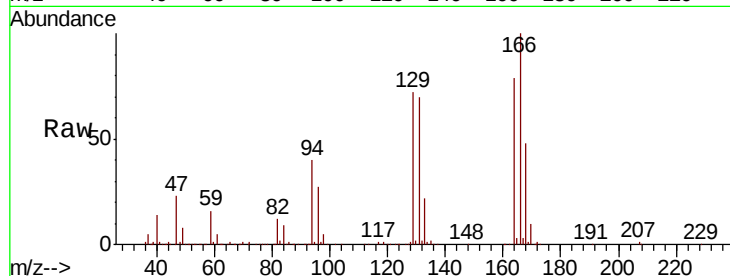
Ion Ratio Lower Upper

164 100

166 126.4 103.9 155.9

129 90.8 74.7 112.1

131 88.6 71.7 107.5

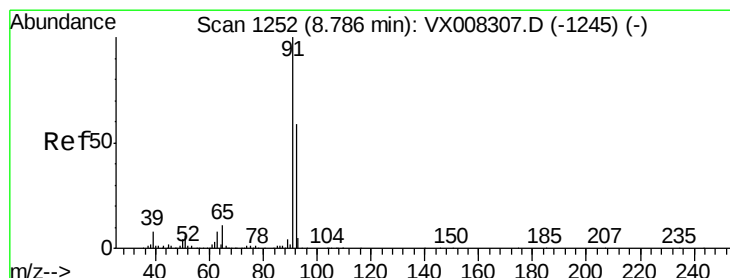
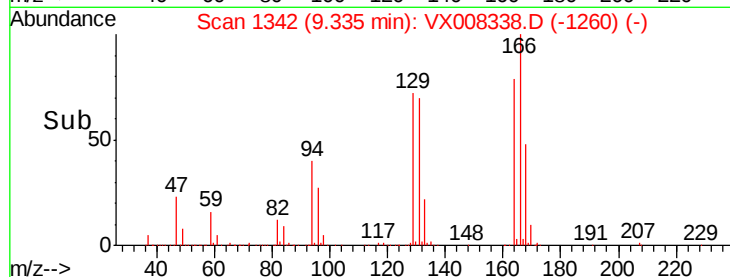
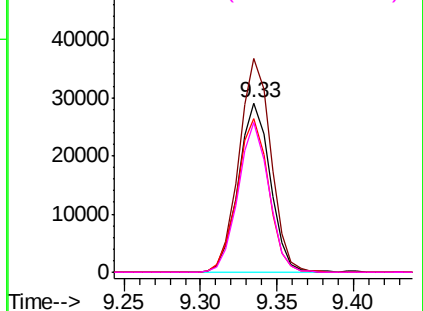


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.661 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008338.D

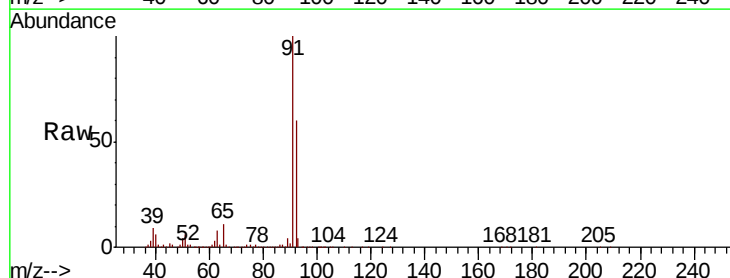
Acq: 22 Mar 2019 14:59

Tgt Ion: 91 Resp: 164315

Ion Ratio Lower Upper

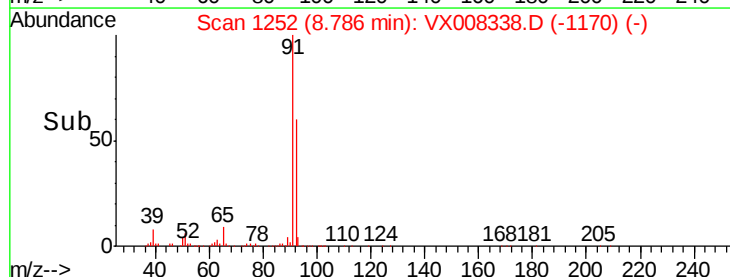
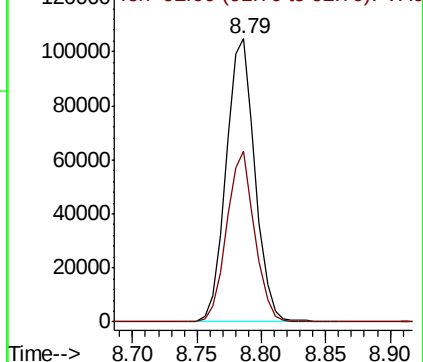
91 100

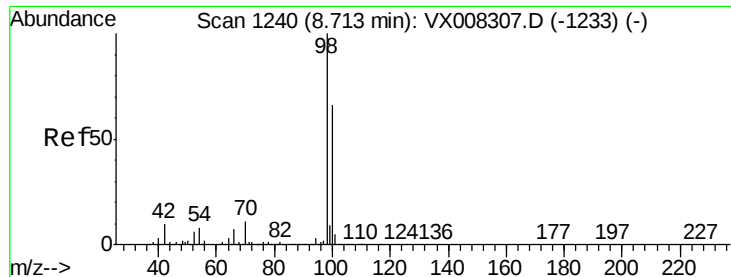
92 58.6 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 31.168 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

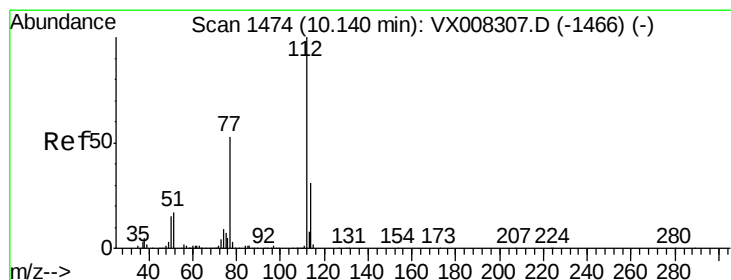
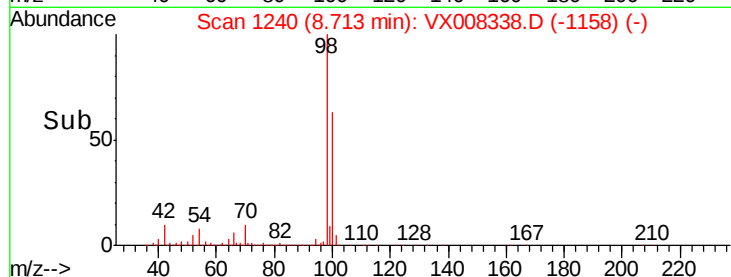
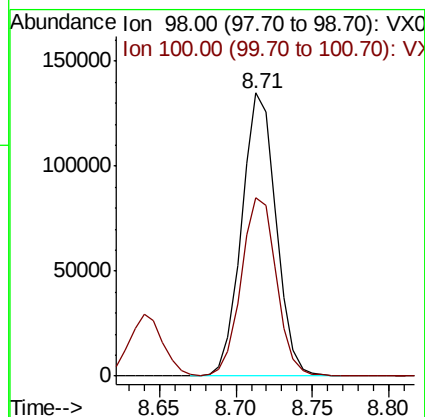
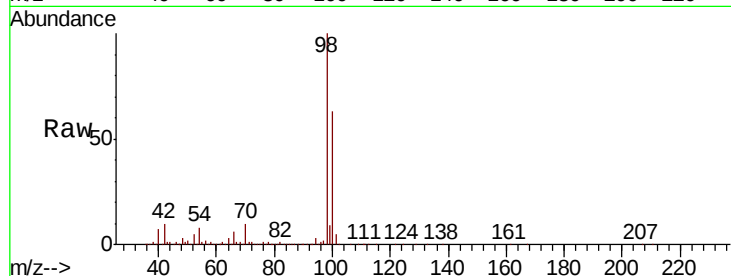
VX0322WBS01

Tgt Ion: 98 Resp: 210399

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3



#64

Chlorobenzene

Concen: 20.668 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008338.D

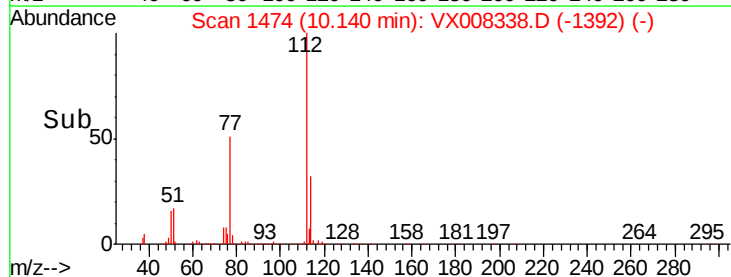
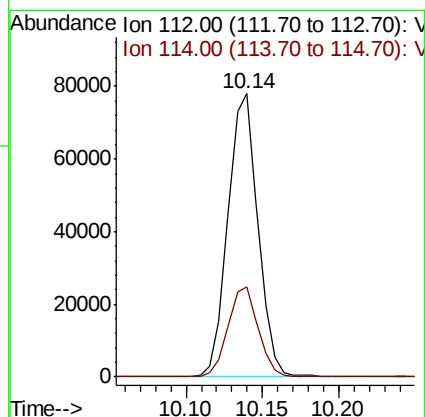
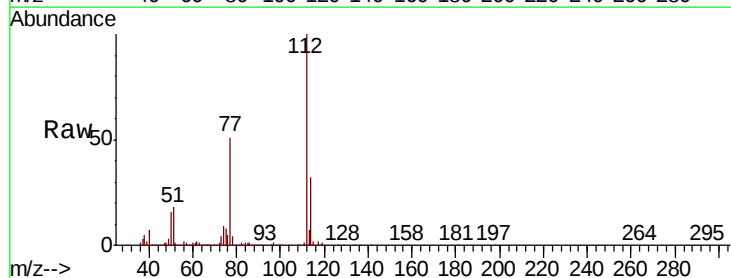
Acq: 22 Mar 2019 14:59

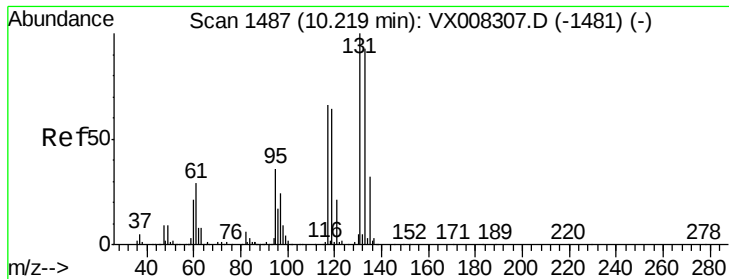
Tgt Ion: 112 Resp: 105965

Ion Ratio Lower Upper

112 100

114 31.7 25.4 38.2

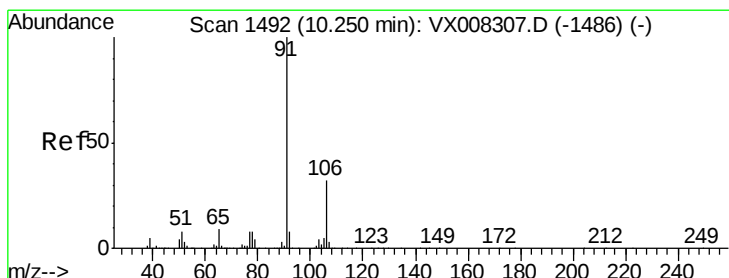
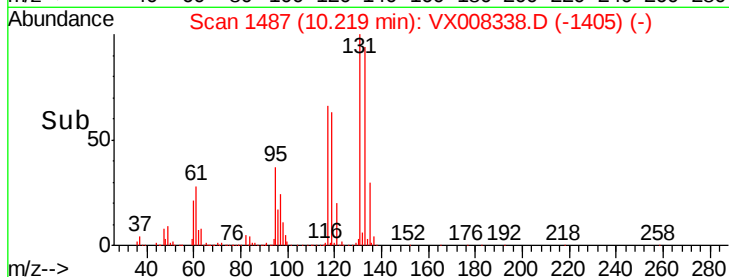
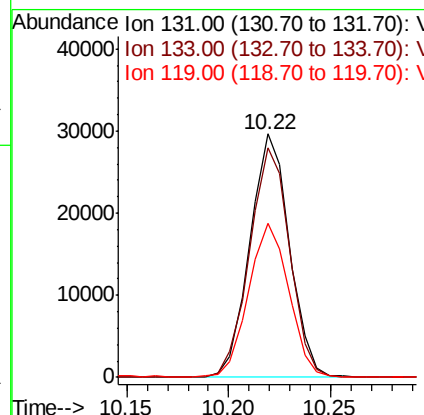
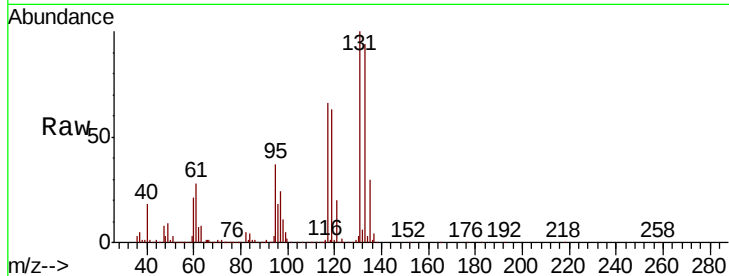




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.470 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

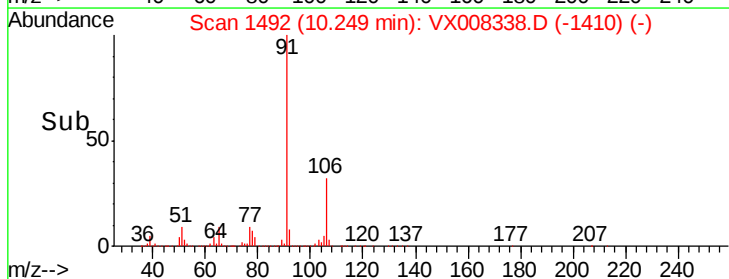
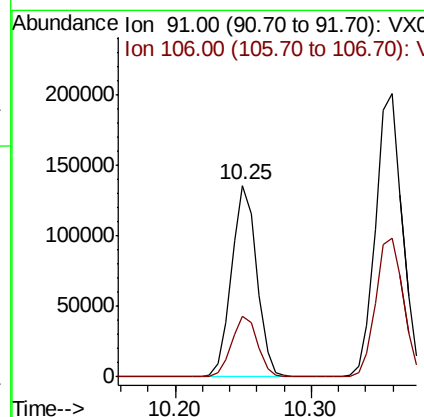
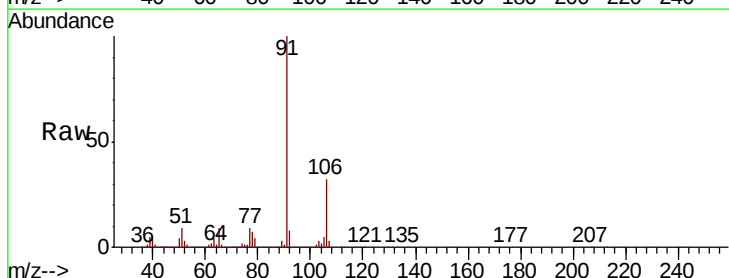
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

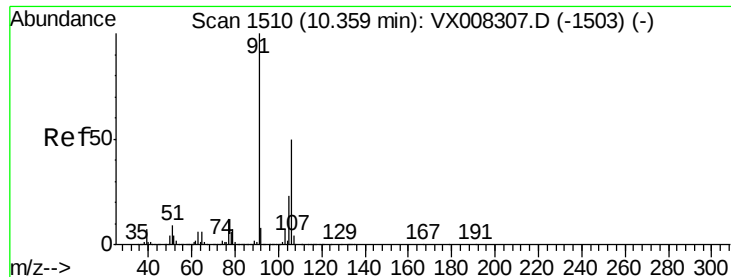
Tgt Ion: 131 Resp: 40084
 Ion Ratio Lower Upper
 131 100
 133 95.5 0.0 191.6
 119 64.4 0.0 127.4



#66
 Ethyl Benzene
 Concen: 20.289 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

Tgt Ion: 91 Resp: 174499
 Ion Ratio Lower Upper
 91 100
 106 31.8 26.0 39.0





#67

m/p-Xylenes

Concen: 40.640 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

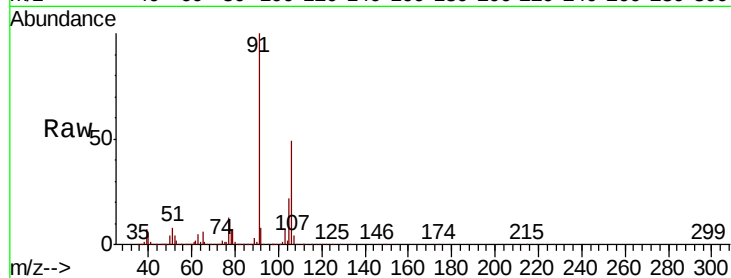
VX0322WBS01

Tgt Ion:106 Resp: 138923

Ion Ratio Lower Upper

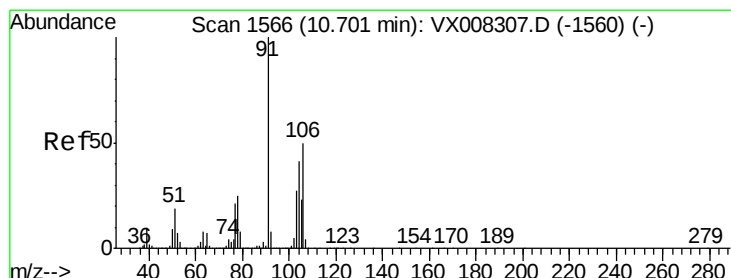
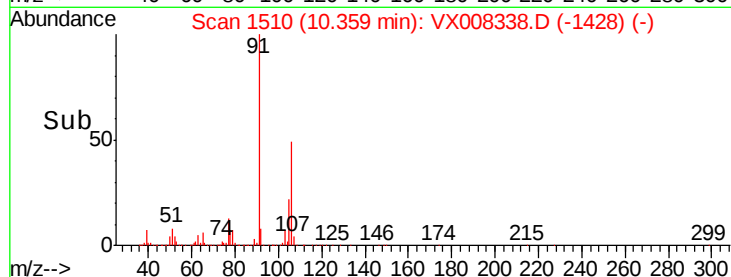
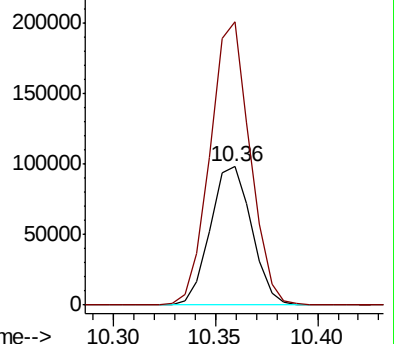
106 100

91 196.6 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.009 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX008338.D

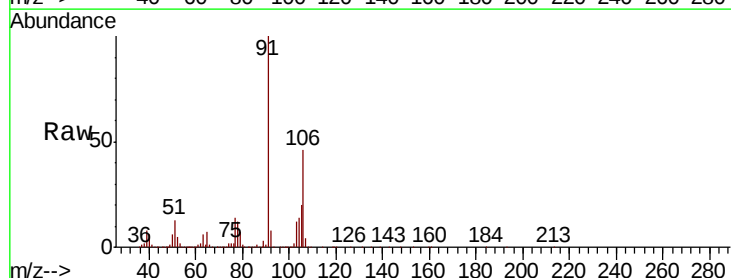
Acq: 22 Mar 2019 14:59

Tgt Ion:106 Resp: 65706

Ion Ratio Lower Upper

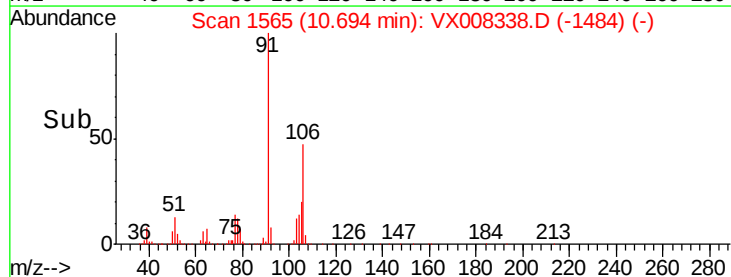
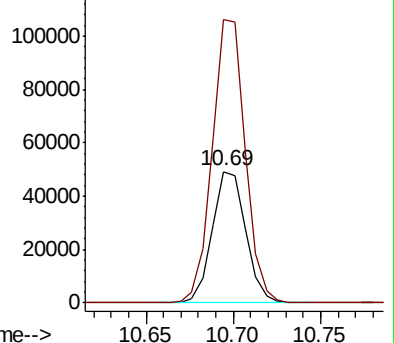
106 100

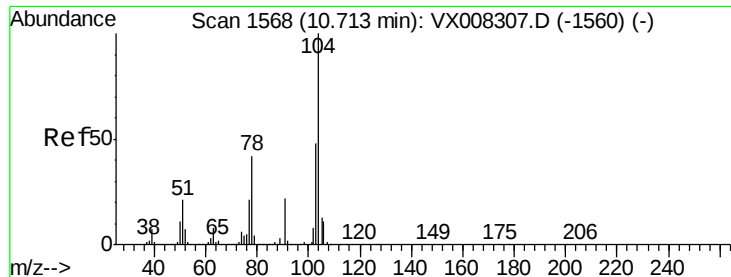
91 212.0 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 19.999 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

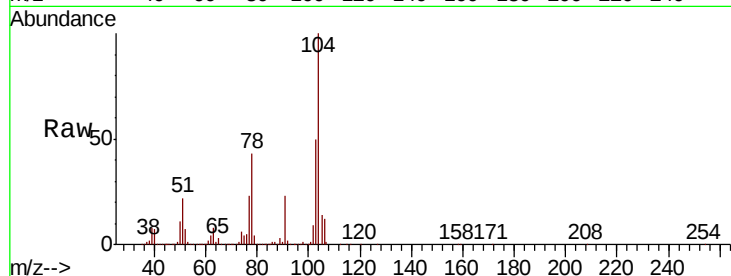
Tgt Ion:104 Resp: 110871

Ion Ratio Lower Upper

104 100

78 50.0 38.2 57.2

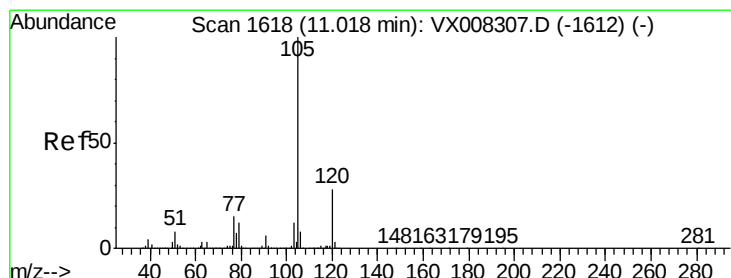
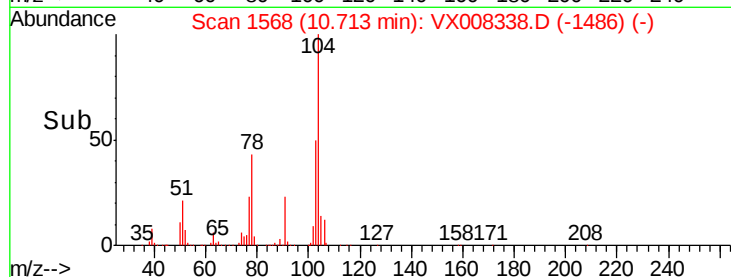
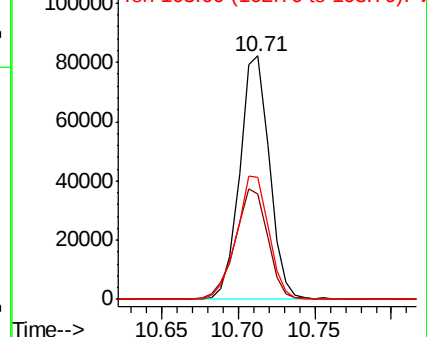
103 54.5 45.0 67.4



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: 20.350 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008338.D

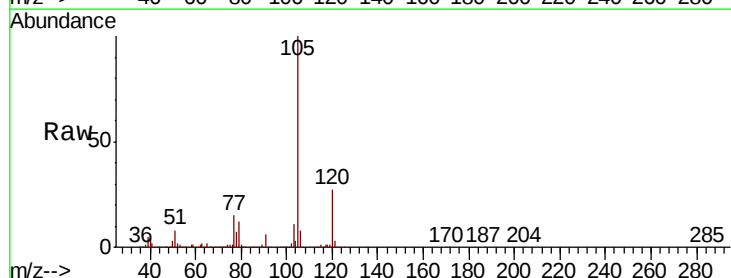
Acq: 22 Mar 2019 14:59

Tgt Ion:105 Resp: 175823

Ion Ratio Lower Upper

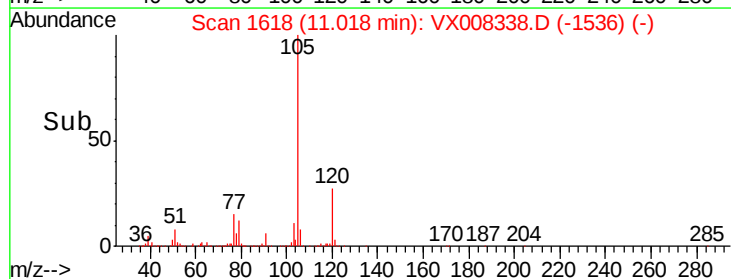
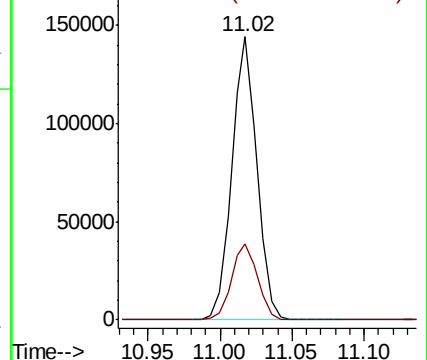
105 100

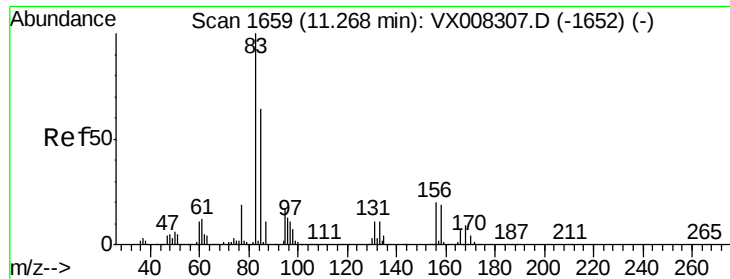
120 28.0 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

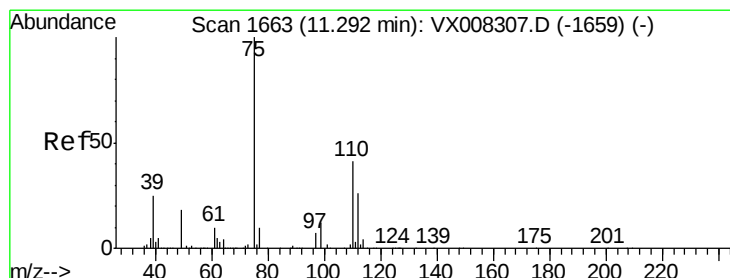
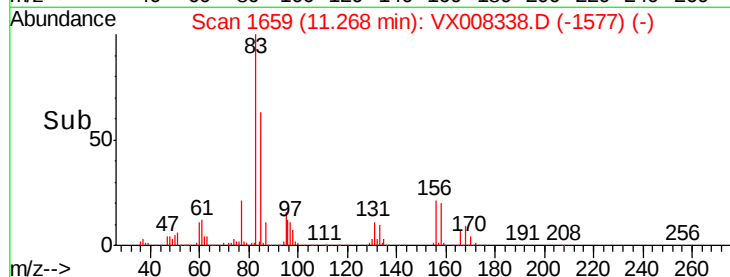
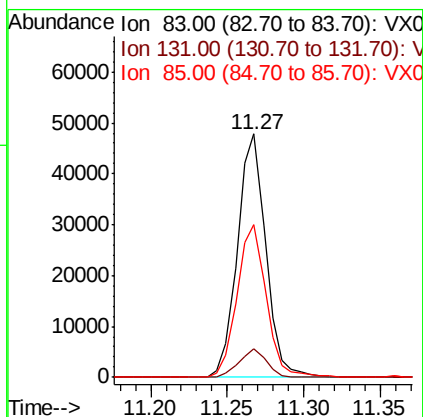
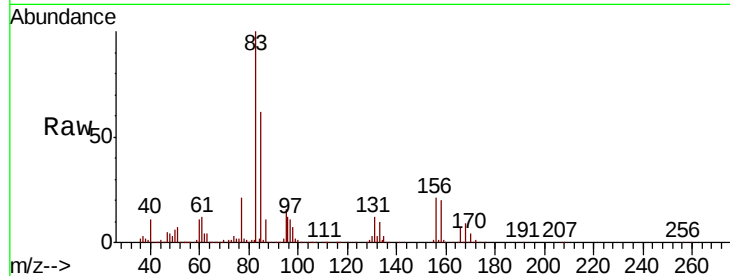




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.880 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

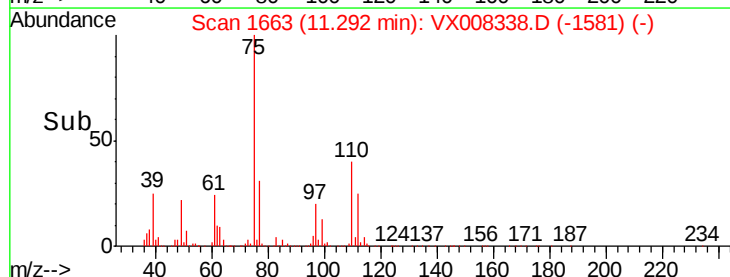
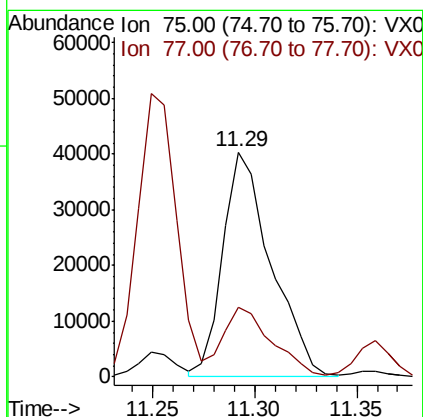
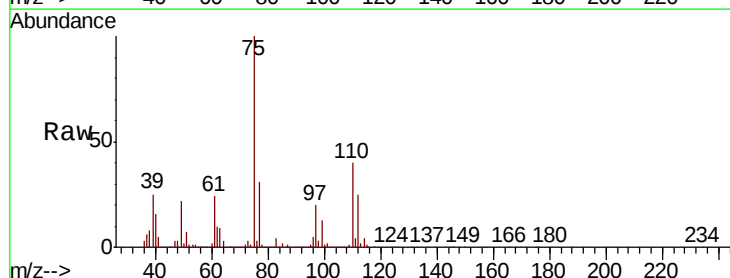
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

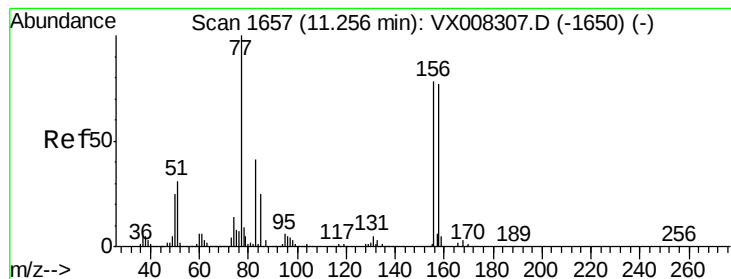
Tgt Ion: 83 Resp: 61516
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.4 16.2
 85 64.5 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 27.876 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

Tgt Ion: 75 Resp: 66156
 Ion Ratio Lower Upper
 75 100
 77 31.4 0.0 76.4





#73

Bromobenzene

Concen: 19.895 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

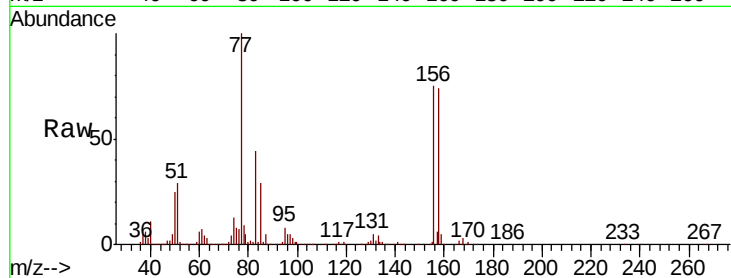
Tgt Ion:156 Resp: 47558

Ion Ratio Lower Upper

156 100

77 142.0 0.0 271.4

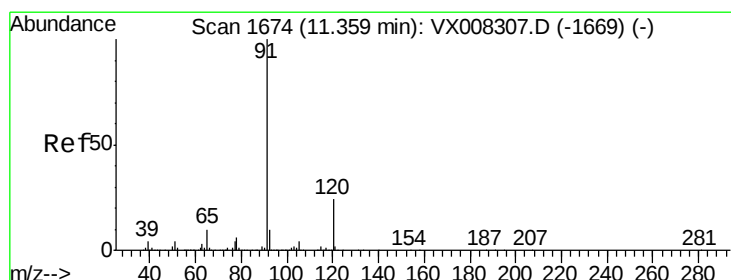
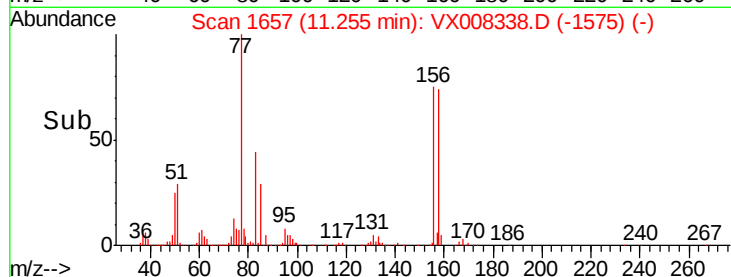
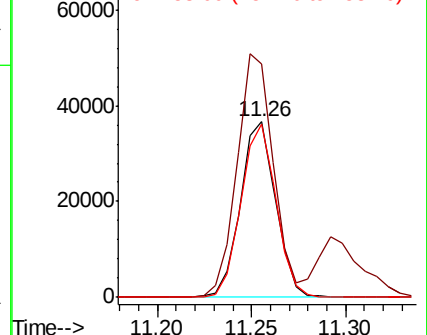
158 97.3 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.810 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008338.D

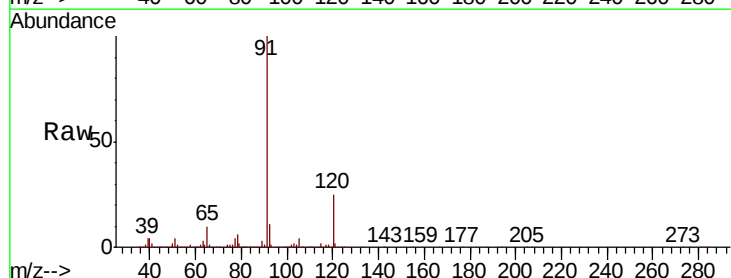
Acq: 22 Mar 2019 14:59

Tgt Ion: 91 Resp: 190775

Ion Ratio Lower Upper

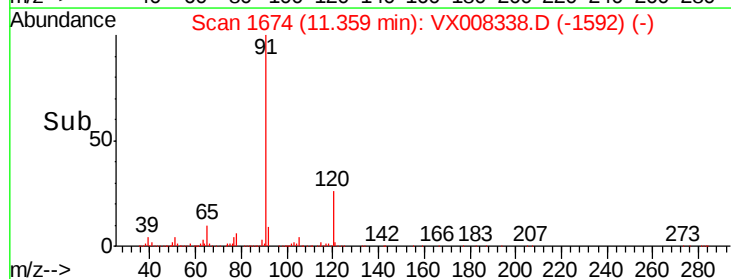
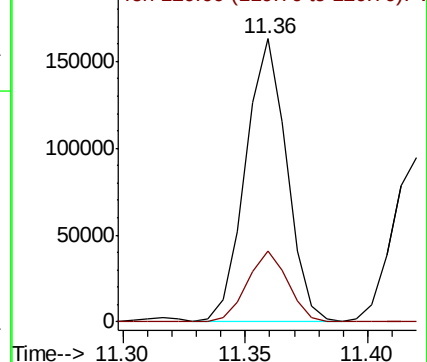
91 100

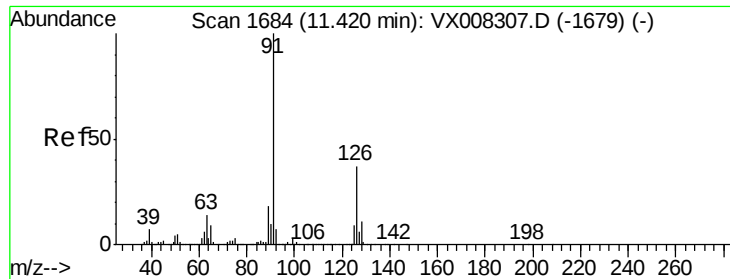
120 25.0 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.513 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

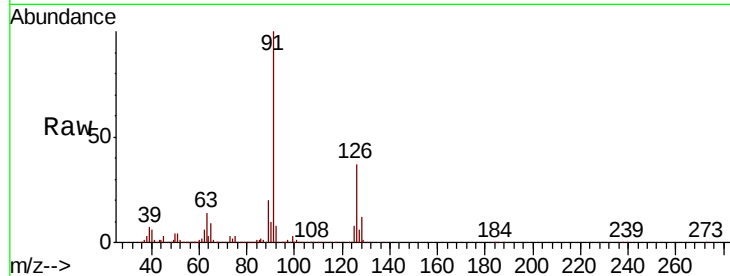
VX0322WBS01

Tgt Ion: 91 Resp: 117972

Ion Ratio Lower Upper

91 100

126 36.6 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX008338.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX008338.D (-1679) (-)

150000

100000

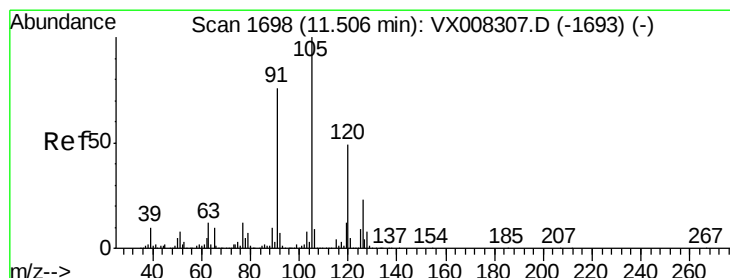
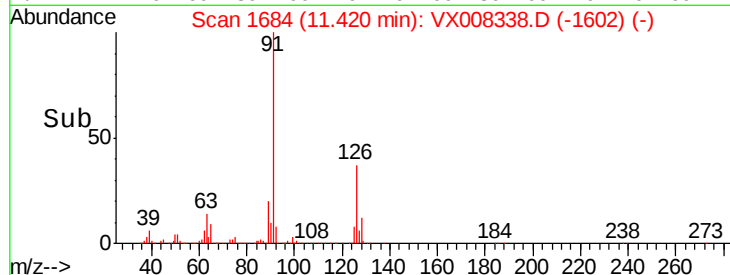
50000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.385 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008338.D

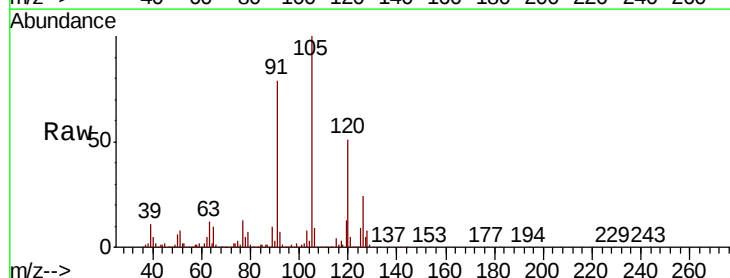
Acq: 22 Mar 2019 14:59

Tgt Ion: 105 Resp: 150460

Ion Ratio Lower Upper

105 100

120 50.4 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX008338.D (-1616) (-)

Ion 120.00 (119.70 to 120.70): VX008338.D (-1616) (-)

150000

100000

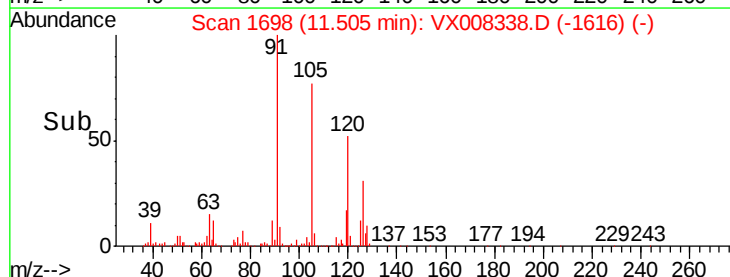
50000

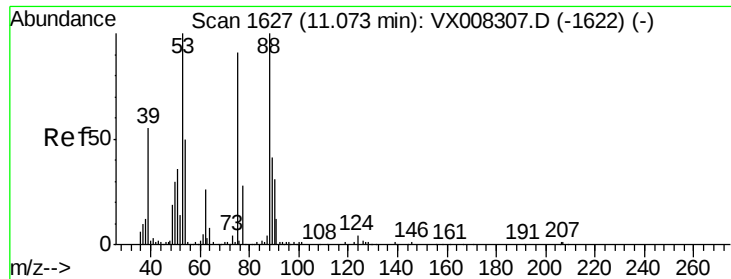
0

11.51

11.55

Time-->

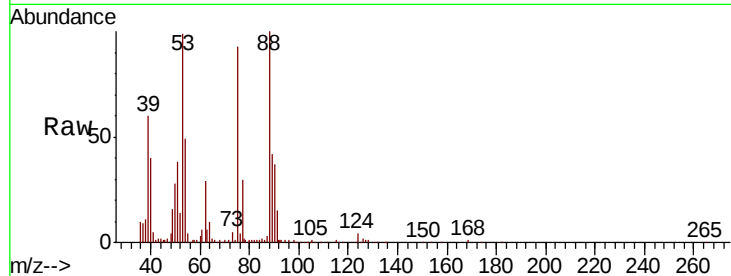




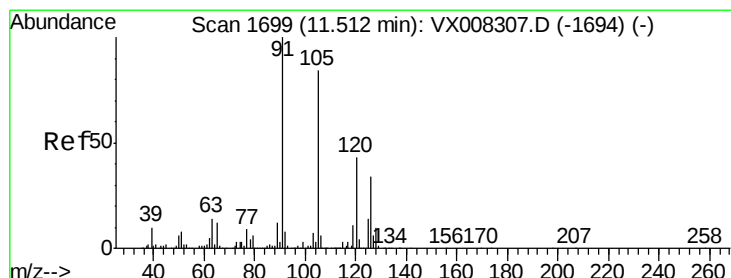
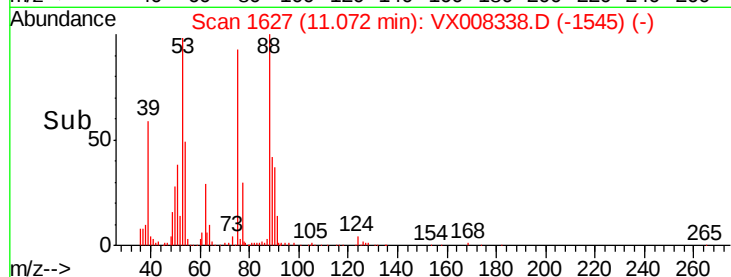
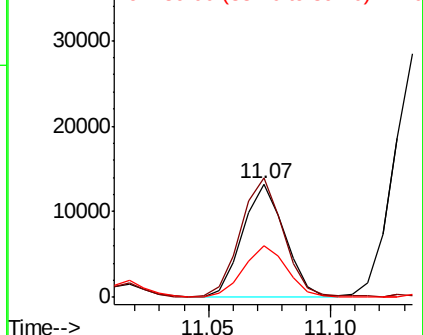
#77
t-1,4-Dichloro-2-butene
Concen: 18.838 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

Tgt Ion: 75 Resp: 15838
Ion Ratio Lower Upper
75 100
53 105.2 55.5 166.7
89 44.7 24.4 73.2

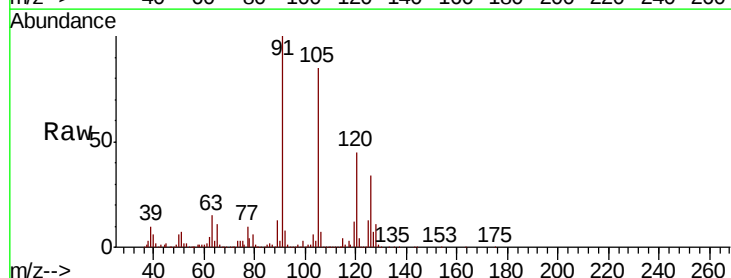


Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0

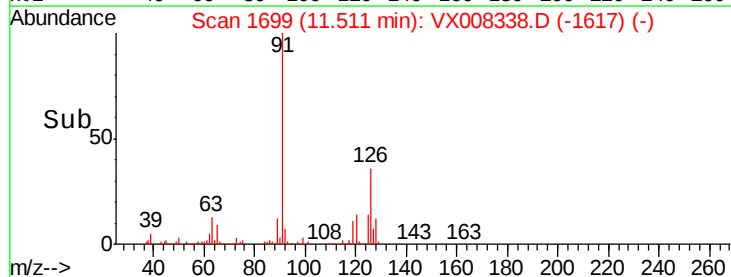
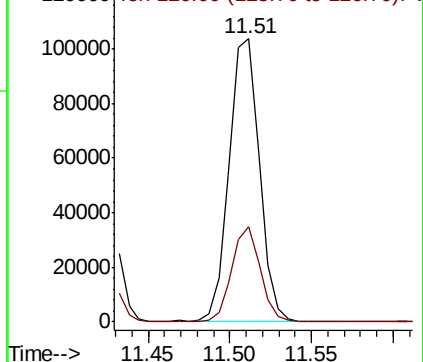


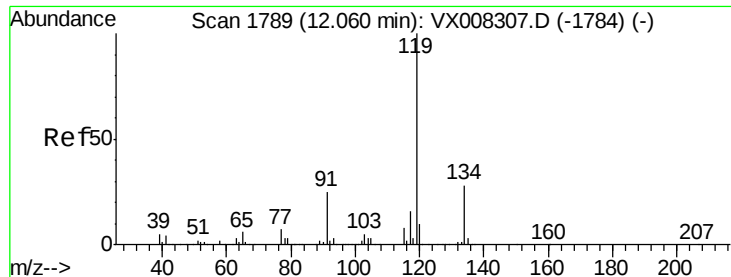
#78
4-Chlorotoluene
Concen: 19.764 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

Tgt Ion: 91 Resp: 133778
Ion Ratio Lower Upper
91 100
126 31.5 0.0 66.2



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

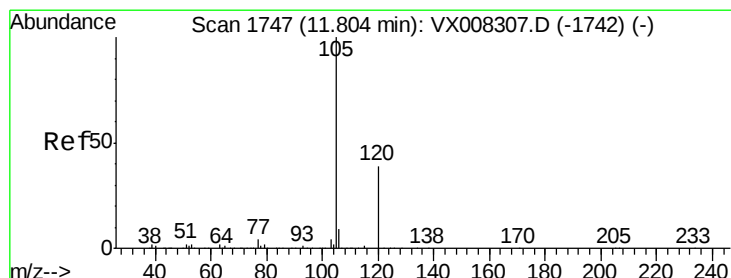
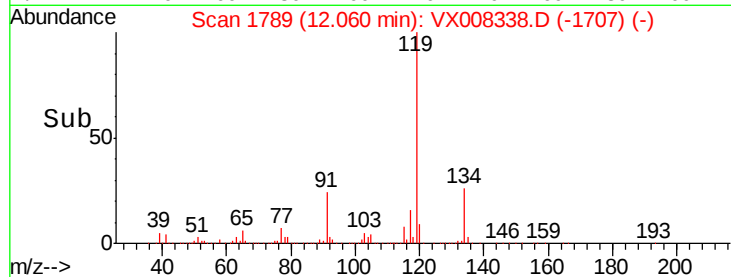
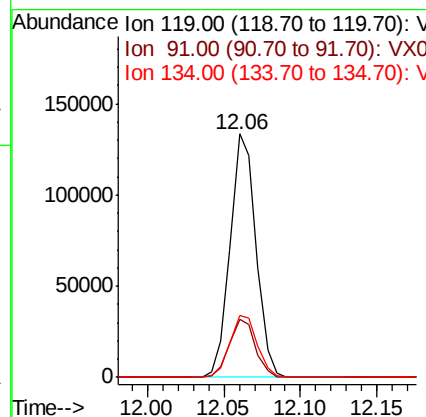
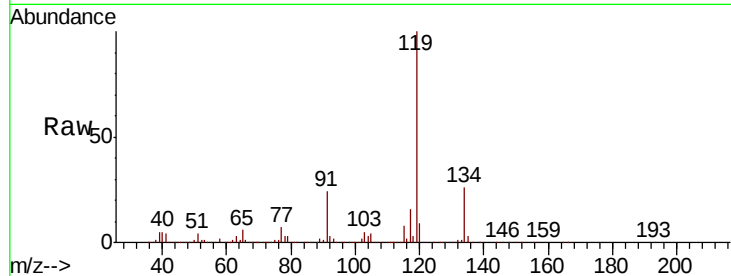




#79
tert-butylbenzene
Concen: 20.108 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

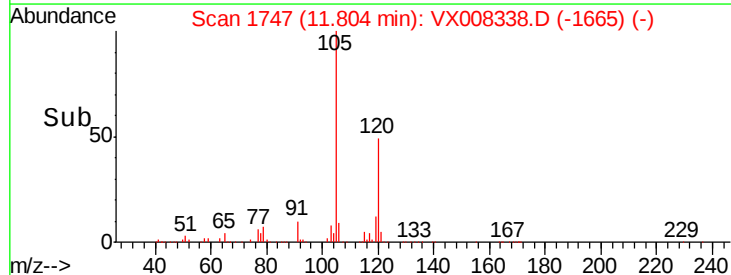
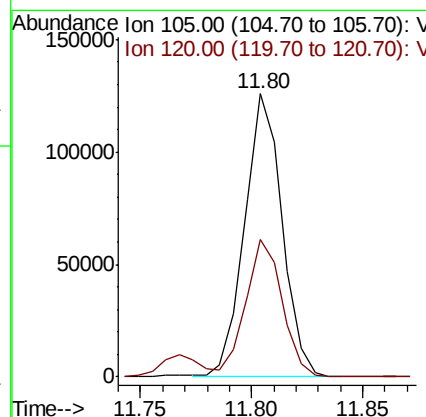
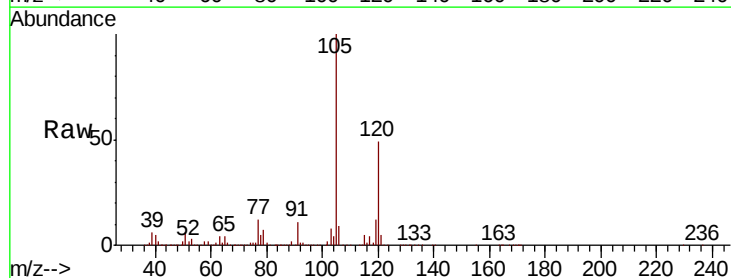
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

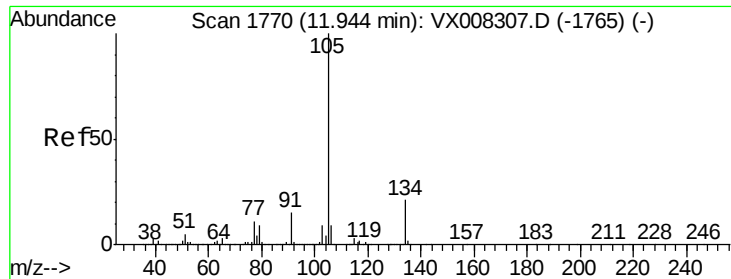
Tgt Ion:119 Resp: 156115
Ion Ratio Lower Upper
119 100
91 23.9 0.0 45.0
134 26.9 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 20.253 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

Tgt Ion:105 Resp: 148542
Ion Ratio Lower Upper
105 100
120 46.9 0.0 94.0





#81

sec-Butylbenzene

Concen: 19.661 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

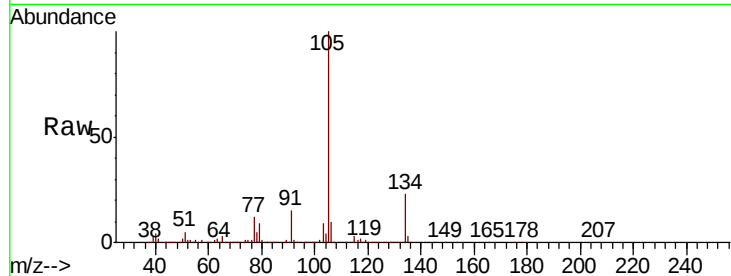
VX0322WBS01

Tgt Ion:105 Resp: 165518

Ion Ratio Lower Upper

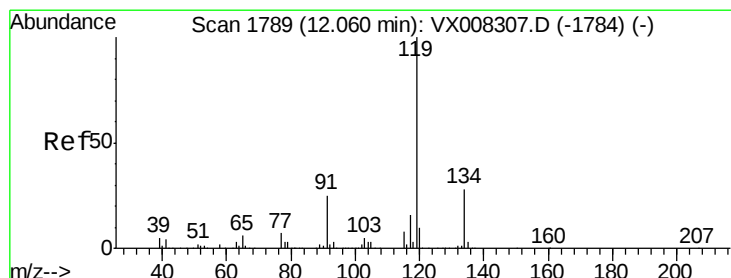
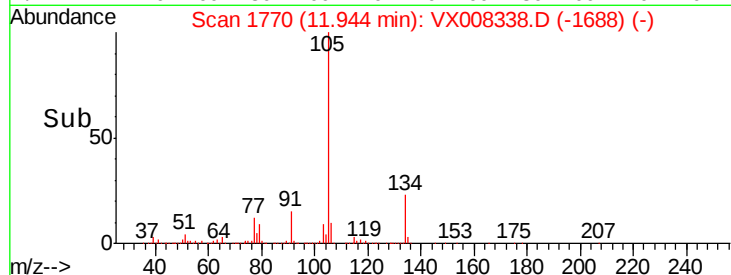
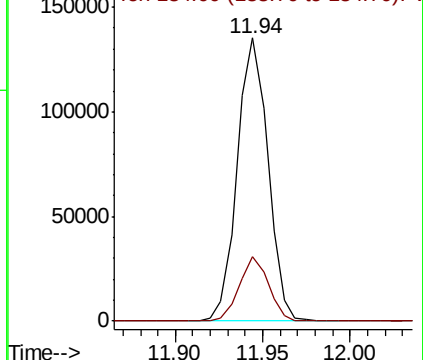
105 100

134 21.8 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: 20.108 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

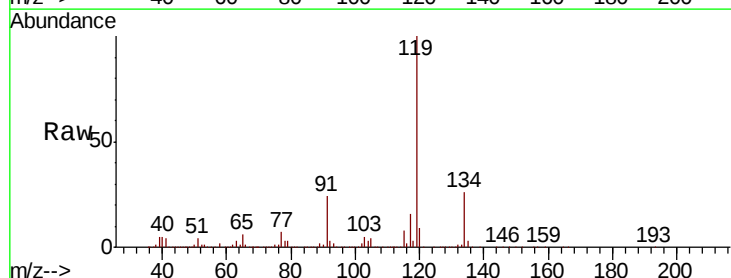
Tgt Ion:119 Resp: 156115

Ion Ratio Lower Upper

119 100

134 26.9 0.0 55.4

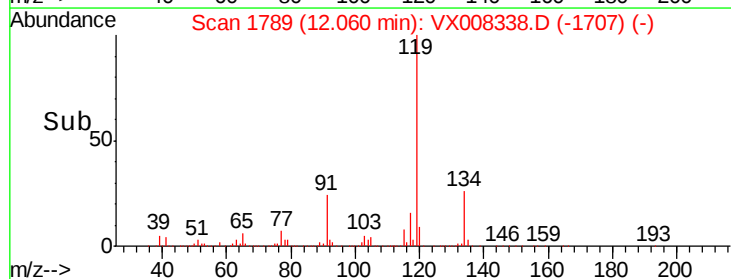
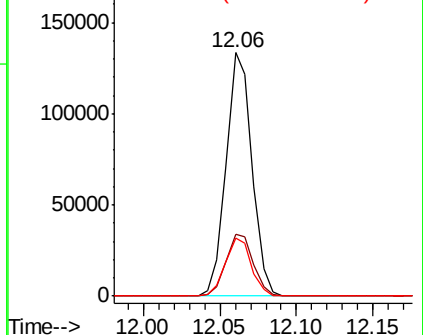
91 23.9 0.0 45.0

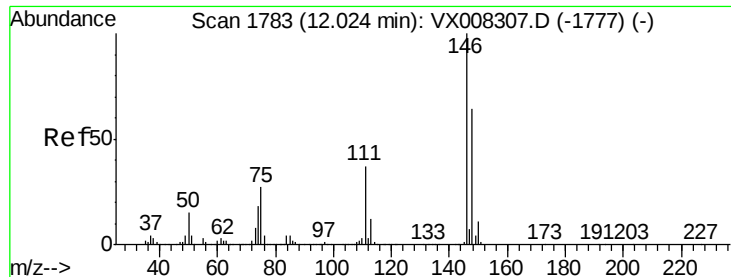


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

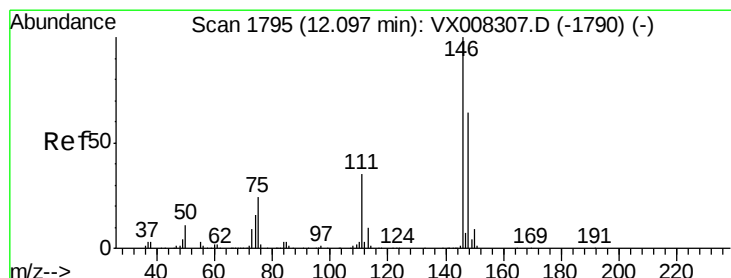
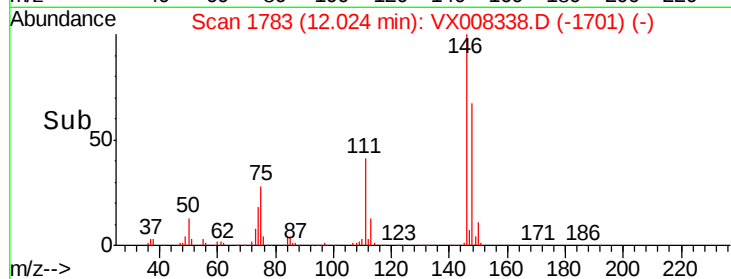
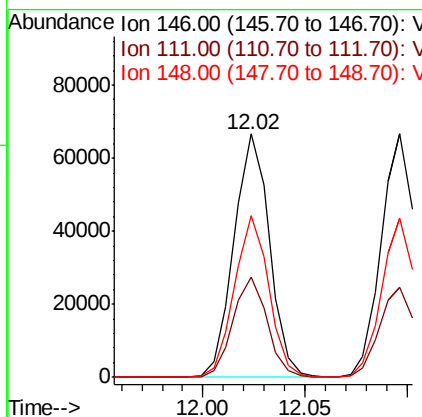
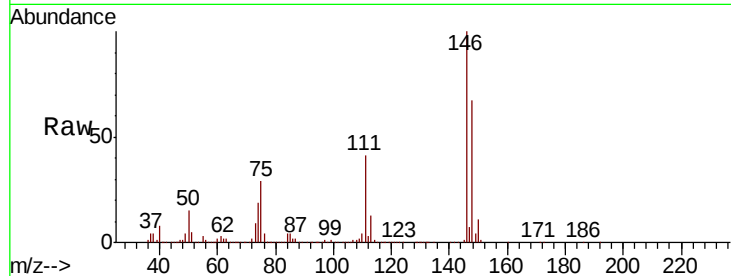




#83
 1,3-Dichlorobenzene
 Concen: 19.378 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

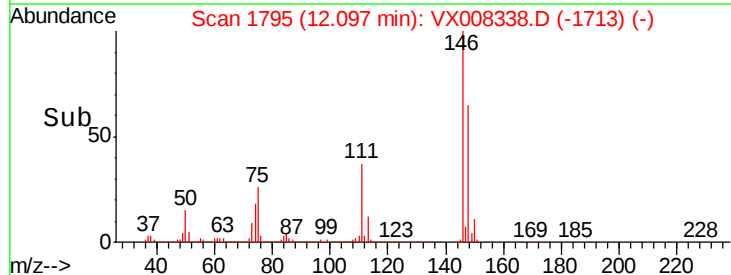
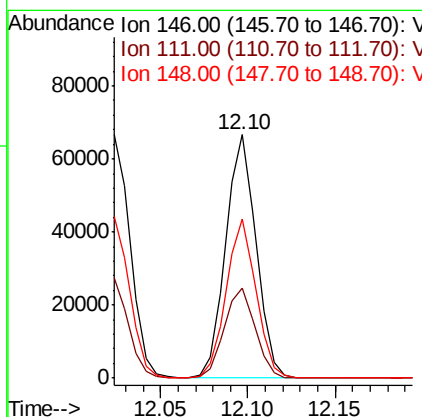
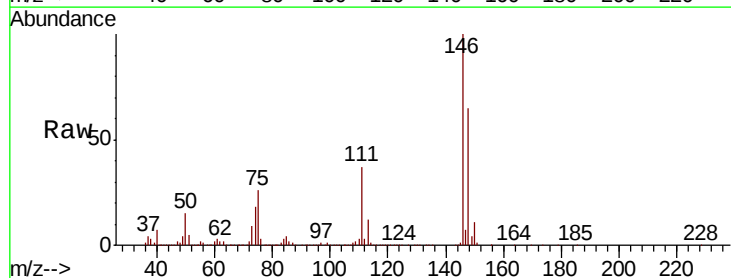
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

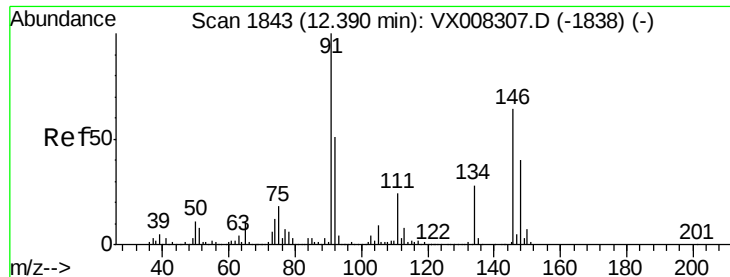
Tgt Ion:146 Resp: 80401
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.8 56.3
 148 64.5 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 19.476 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

Tgt Ion:146 Resp: 80468
 Ion Ratio Lower Upper
 146 100
 111 37.7 17.6 52.8
 148 64.5 31.4 94.2

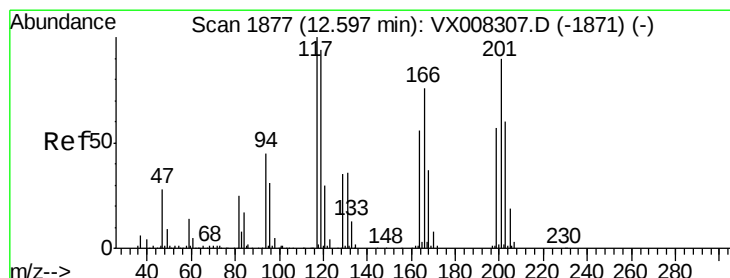
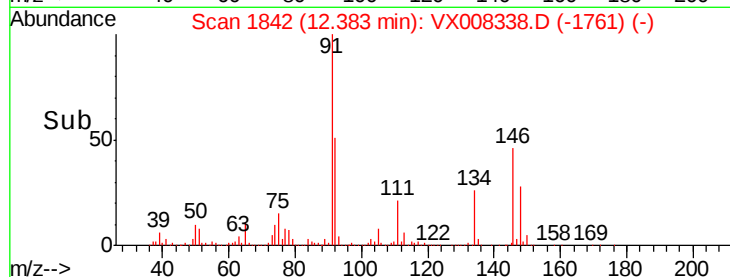
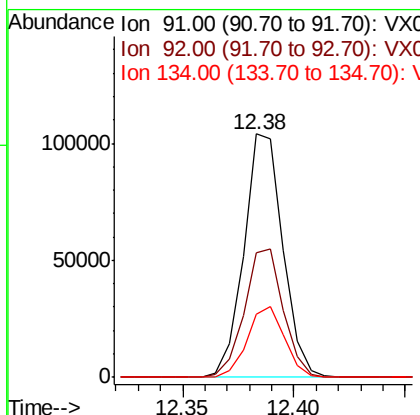
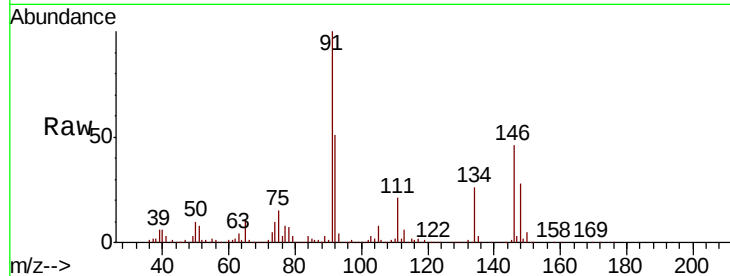




#85
n-Butylbenzene
Concen: 19.004 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

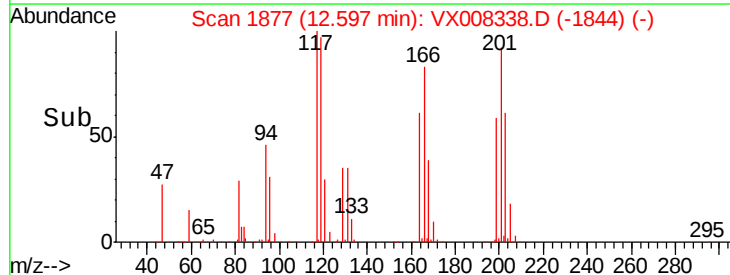
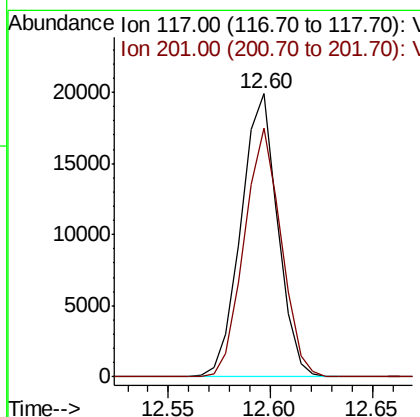
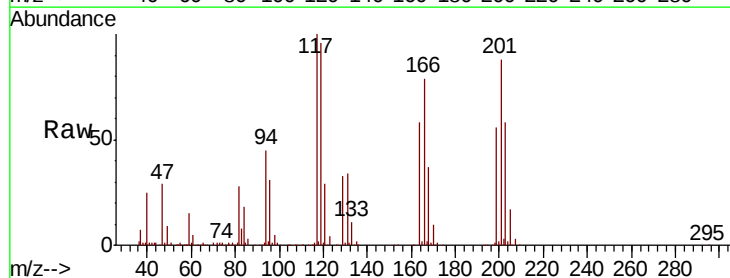
Instrument :
MSVOA_X
ClientSampled :
VX0322WBS01

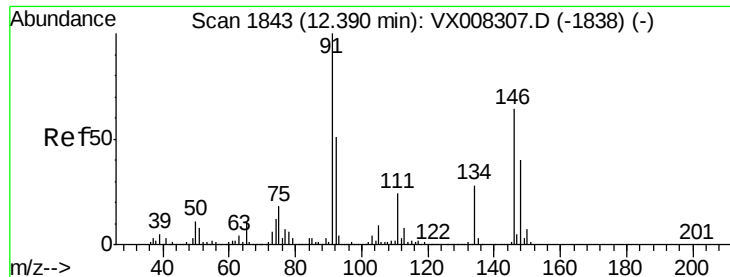
Tgt Ion: 91 Resp: 126917
Ion Ratio Lower Upper
91 100
92 52.7 0.0 105.2
134 28.1 0.0 56.4



#86
Hexachloroethane
Concen: 18.595 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

Tgt Ion: 117 Resp: 24881
Ion Ratio Lower Upper
117 100
201 88.5 41.1 123.3





#87

1,2-Dichlorobenzene

Concen: 20.012 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

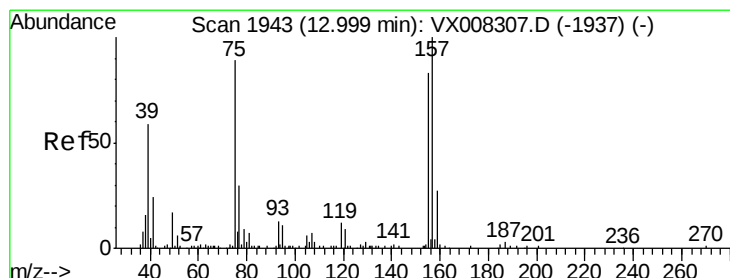
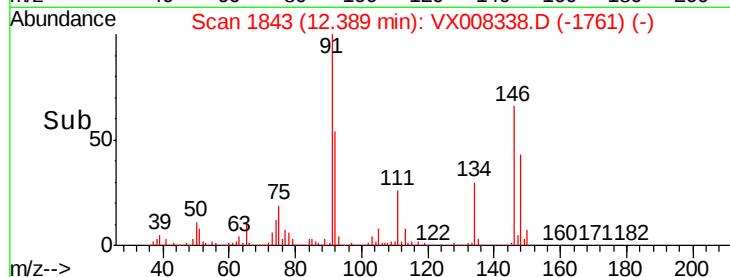
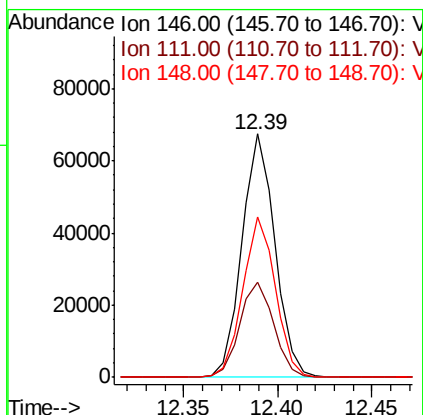
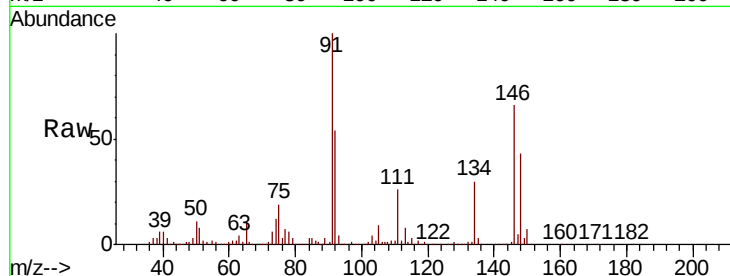
Tgt Ion:146 Resp: 81885

Ion Ratio Lower Upper

146 100

111 40.3 19.3 57.8

148 65.2 32.1 96.3



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.264 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008338.D

Acq: 22 Mar 2019 14:59

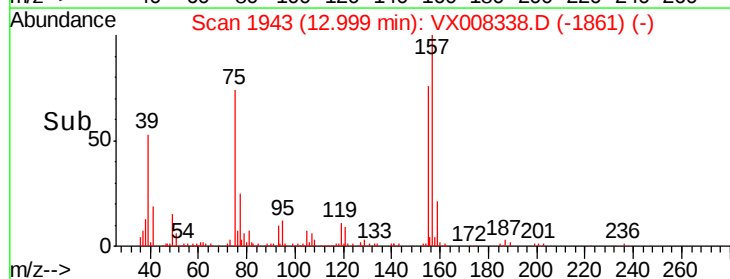
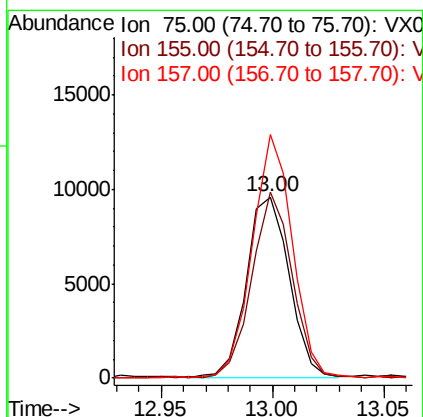
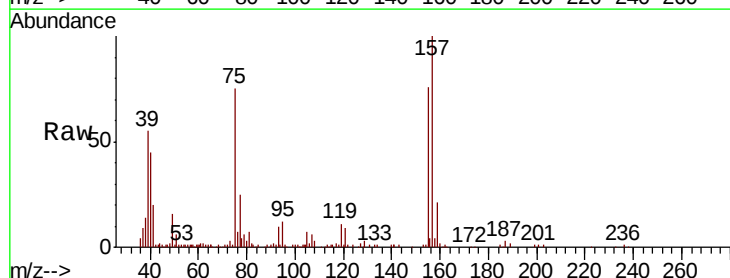
Tgt Ion: 75 Resp: 12992

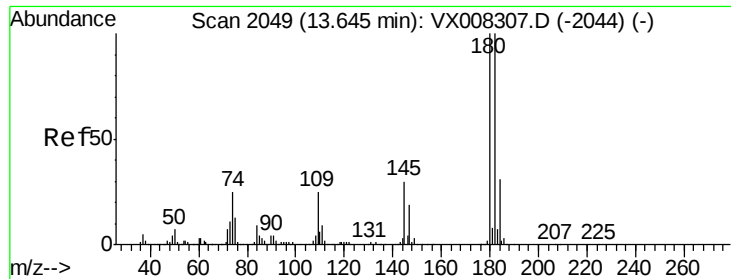
Ion Ratio Lower Upper

75 100

155 95.8 81.0 121.6

157 124.8 103.2 154.8

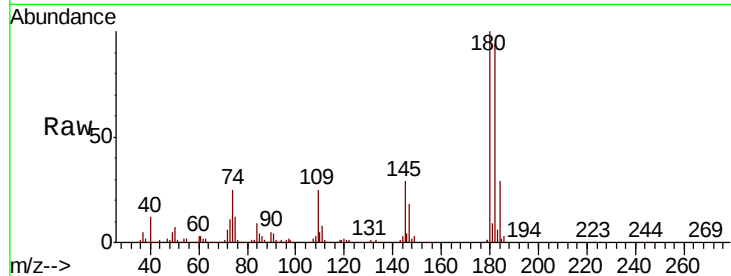




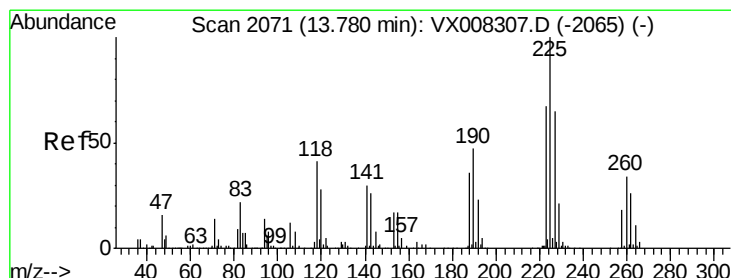
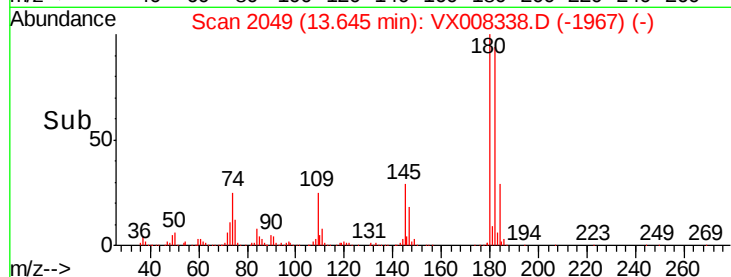
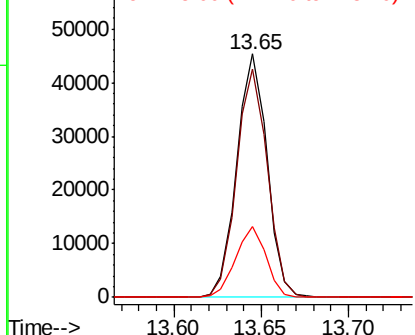
#89
 1,2,4-Trichlorobenzene
 Concen: 18.953 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

Tgt Ion:180 Resp: 54887
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.6 113.4
 145 29.4 23.0 34.6

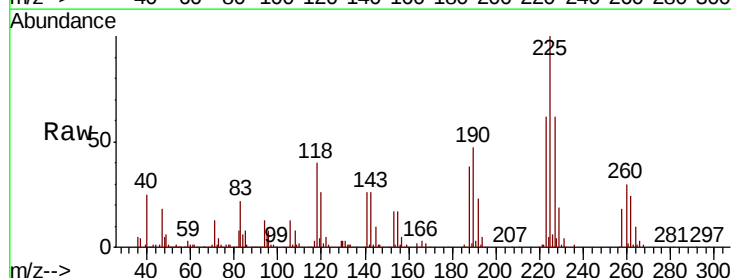


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

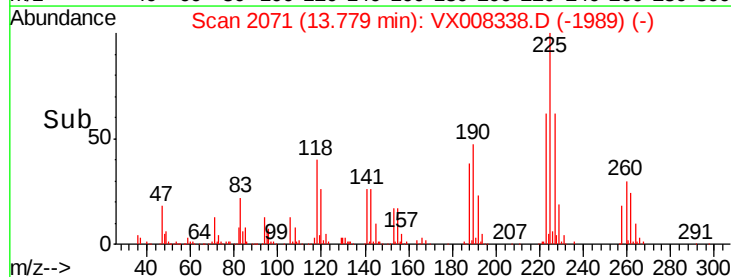
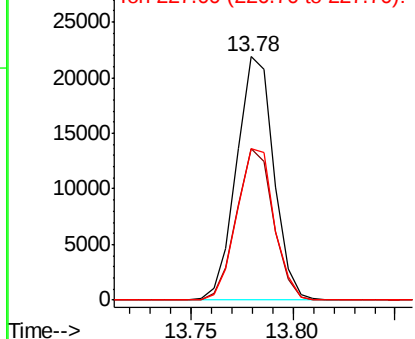


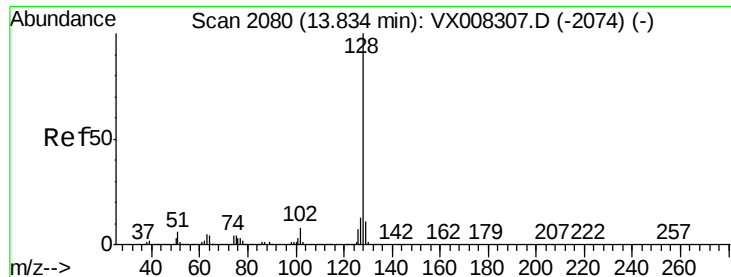
#90
 Hexachlorobutadiene
 Concen: 19.039 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008338.D
 Acq: 22 Mar 2019 14:59

Tgt Ion:225 Resp: 27755
 Ion Ratio Lower Upper
 225 100
 223 61.3 0.0 123.8
 227 62.1 0.0 124.4



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

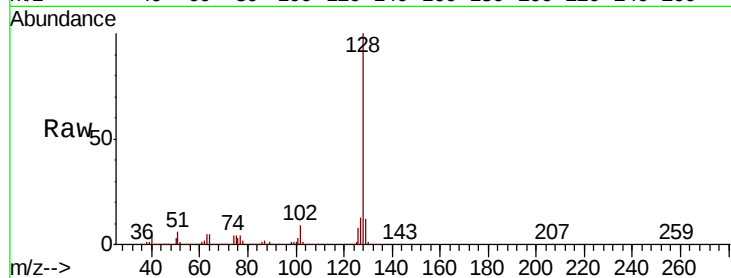




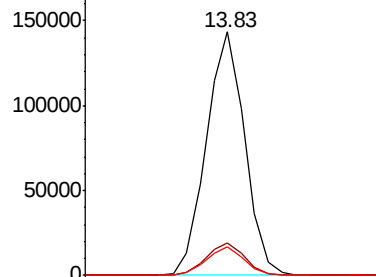
#91
Naphthalene
Concen: 19.729 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

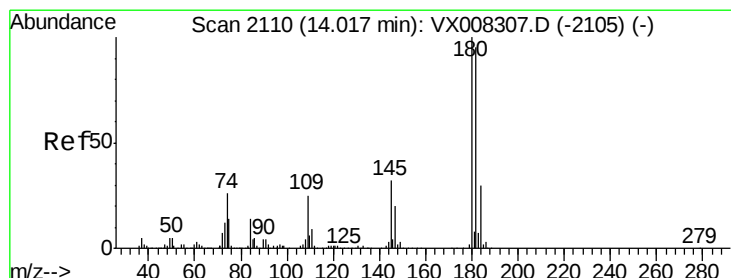
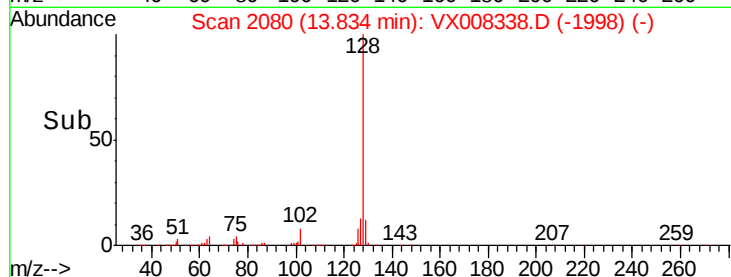
Tgt Ion:128 Resp: 171596
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.5 8.9 13.3



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

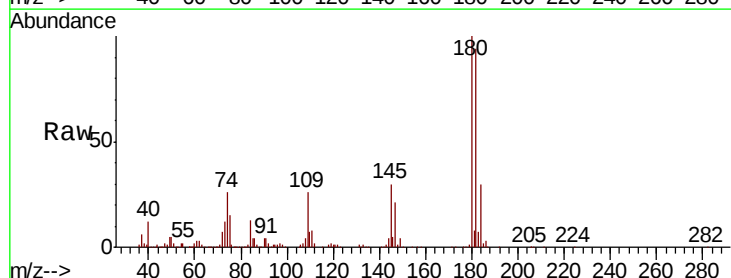


Time-->

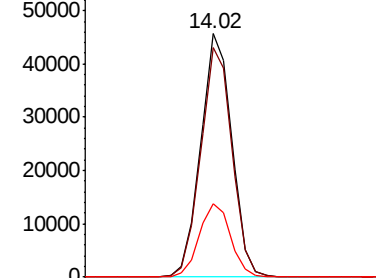


#92
1,2,3-Trichlorobenzene
Concen: 19.325 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008338.D
Acq: 22 Mar 2019 14:59

Tgt Ion:180 Resp: 56578
Ion Ratio Lower Upper
180 100
182 94.6 0.0 193.0
145 30.4 0.0 63.0



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V



Time-->

