

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX032919\
 Data File : VX008542.D
 Acq On : 29 Mar 2019 14:40
 Operator : JC/SP
 Sample : VX0329WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

Quant Time: Mar 29 23:44:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	239409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	402191	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	358369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169783	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	169248	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
35) Dibromofluoromethane	5.49	113	124465	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	8.71	98	501137	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	11.13	95	184724	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	55808	19.776	ug/l	98
3) Chloromethane	1.32	50	78581	21.701	ug/l	99
4) Vinyl Chloride	1.40	62	78318	19.877	ug/l	100
5) Bromomethane	1.64	94	36376	18.762	ug/l	99
6) Chloroethane	1.71	64	53762	23.032	ug/l	98
7) Trichlorofluoromethane	1.92	101	89271	20.005	ug/l	98
8) Diethyl Ether	2.18	74	43609	20.649	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57348	21.264	ug/l	99
10) Methyl Iodide	2.51	142	47434	20.713	ug/l	99
11) Tert butyl alcohol	3.05	59	94994	118.131	ug/l	99
12) 1,1-Dichloroethene	2.37	96	57983	20.818	ug/l	98
13) Acrolein	2.29	56	53251	91.189	ug/l	99
14) Allyl chloride	2.73	41	134094	21.853	ug/l	98
15) Acrylonitrile	3.14	53	237965	112.854	ug/l	100
16) Acetone	2.44	43	230944	121.743	ug/l	99
17) Carbon Disulfide	2.57	76	161639	19.997	ug/l	99
18) Methyl Acetate	2.77	43	103447	22.706	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	222697	22.188	ug/l	100
20) Methylene Chloride	2.85	84	72136	22.954	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	61669	22.069	ug/l	97
22) Diisopropyl ether	3.85	45	269848	22.334	ug/l	99
23) Vinyl Acetate	3.81	43	1193215	113.195	ug/l	100
24) 1,1-Dichloroethane	3.70	63	132457	21.715	ug/l	100
25) 2-Butanone	4.67	43	358418	117.854	ug/l	100
26) 2,2-Dichloropropane	4.58	77	92246	22.737	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	74562	21.892	ug/l	98
28) Bromochloromethane	5.01	49	59592	19.774	ug/l	99
29) Tetrahydrofuran	5.13	42	226849	113.177	ug/l	100
30) Chloroform	5.21	83	120853	21.954	ug/l	97
31) Cyclohexane	5.58	56	123272	21.189	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	96197	21.862	ug/l	100
36) 1,1-Dichloropropene	5.80	75	90936	21.206	ug/l	99
37) Ethyl Acetate	4.83	43	128573	23.144	ug/l	100
38) Carbon Tetrachloride	5.79	117	78714	21.995	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110823	21.625	ug/l	97
40) Benzene	6.14	78	283587	22.090	ug/l	99
41) Methacrylonitrile	5.04	41	73533	23.554	ug/l	99
42) 1,2-Dichloroethane	6.19	62	101865	21.672	ug/l	99
43) Isopropyl Acetate	6.45	43	203056	22.852	ug/l	100
44) Trichloroethene	7.21	130	64367	21.354	ug/l	99
45) 1,2-Dichloropropane	7.51	63	81280	22.274	ug/l	100
46) Dibromomethane	7.66	93	46525	21.834	ug/l	99
47) Bromodichloromethane	7.90	83	91305	22.386	ug/l	100
48) Methyl methacrylate	7.77	41	102602	23.077	ug/l	99
49) 1,4-Dioxane	7.74	88	41237	466.463	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	683015	118.345	ug/l	100
52) Toluene	8.78	92	169411	22.070	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	102124	22.860	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	115688	22.774	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	70638	22.606	ug/l	98
56) Ethyl methacrylate	9.18	69	129811	23.015	ug/l	99
57) 1,3-Dichloropropane	9.37	76	125607	22.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	329517	113.018	ug/l	99
59) 2-Hexanone	9.49	43	541140	121.006	ug/l	99
60) Dibromochloromethane	9.58	129	66460	22.365	ug/l	97
61) 1,2-Dibromoethane	9.67	107	71151	22.312	ug/l	98
64) Tetrachloroethene	9.34	164	54368	22.409	ug/l	98
65) Chlorobenzene	10.13	112	172854	22.179	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	61192	22.758	ug/l	99
67) Ethyl Benzene	10.25	91	323050	21.964	ug/l	99
68) m/p-Xylenes	10.36	106	233124	43.567	ug/l	98
69) o-Xylene	10.69	106	115414	22.226	ug/l	99
70) Styrene	10.71	104	201208	22.432	ug/l	100
71) Bromoform	10.85	173	47508	22.373	ug/l #	99
73) Isopropylbenzene	11.02	105	305003	22.081	ug/l	100
74) N-amyl acetate	10.90	43	185450	23.196	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	120328	22.452	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	136217	26.987	ug/l	82
77) Bromobenzene	11.26	156	72537	21.638	ug/l	99
78) n-propylbenzene	11.36	91	353503	21.847	ug/l	100
79) 2-Chlorotoluene	11.42	91	213944	21.739	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	259061	22.185	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	37161	23.580	ug/l	96
82) 4-Chlorotoluene	11.51	91	245085	21.589	ug/l	99
83) tert-Butylbenzene	11.77	119	247033	21.926	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	260290	22.037	ug/l	100
85) sec-Butylbenzene	11.94	105	294567	21.955	ug/l	100
86) p-Isopropyltoluene	12.06	119	265862	22.457	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	127873	21.349	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	128830	21.312	ug/l	98
89) n-Butylbenzene	12.38	91	244882	21.835	ug/l	99
90) Hexachloroethane	12.60	117	43161	21.884	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	131490	21.922	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25814	22.091	ug/l	99

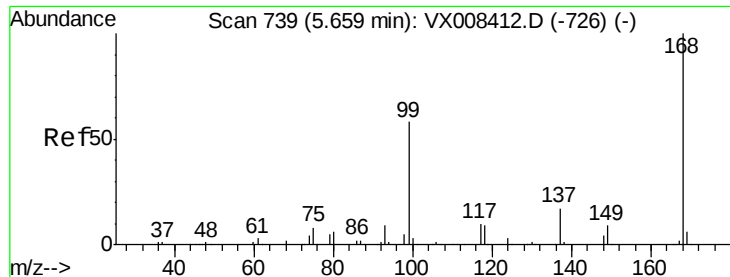
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX032919\
Data File : VX008542.D
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Instrument :
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Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	88351	21.878	ug/l	100
94) Hexachlorobutadiene	13.78	225	41633	21.712	ug/l	98
95) Naphthalene	13.83	128	307182	22.187	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	89147	21.969	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

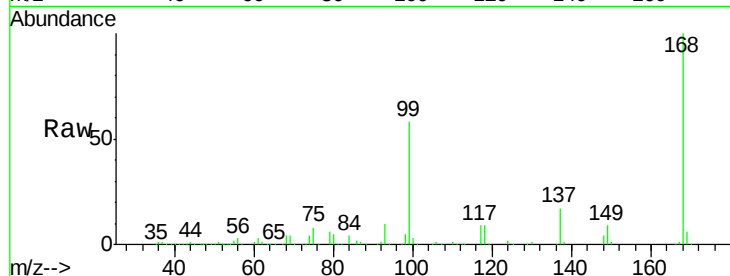
VX0329WBS02

Tgt Ion:168 Resp: 239409

Ion Ratio Lower Upper

168 100

99 57.4 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

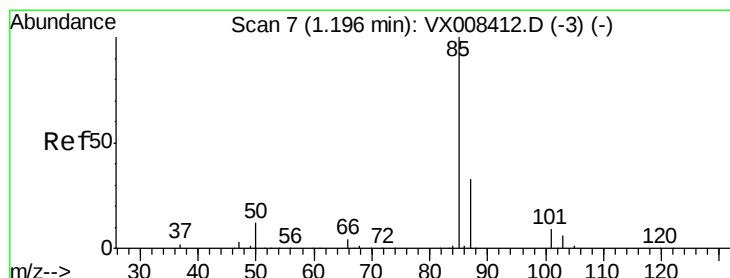
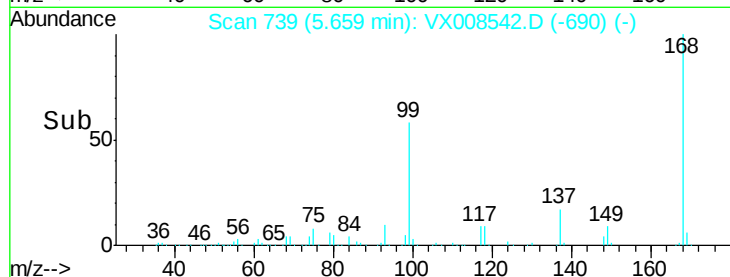
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.776 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008542.D

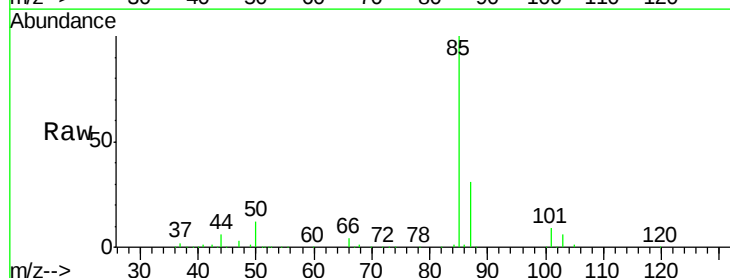
Acq: 29 Mar 2019 14:40

Tgt Ion: 85 Resp: 55808

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

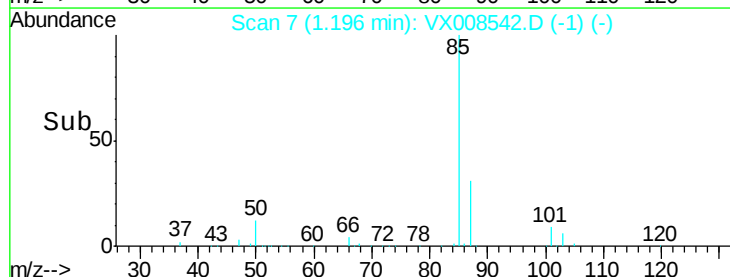
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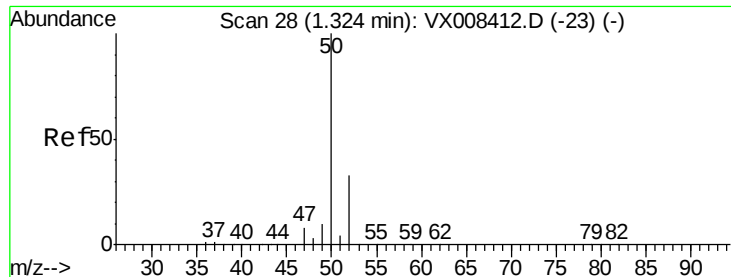
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Time-->

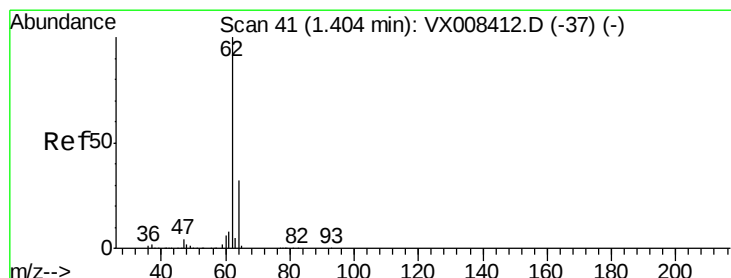
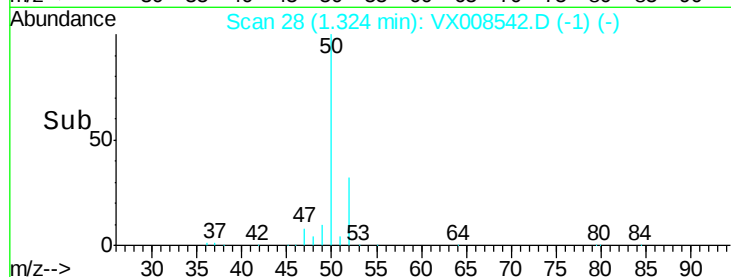
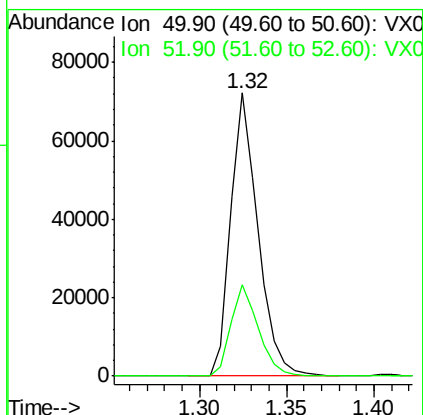
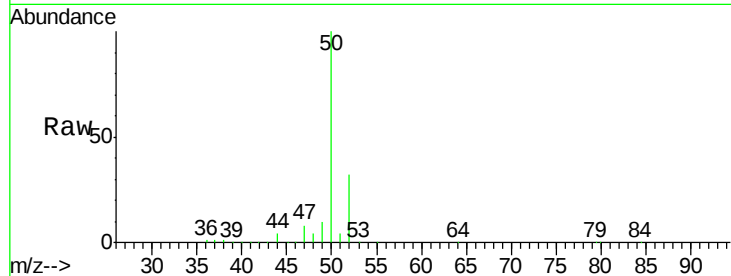




#3
Chloromethane
Concen: 21.701 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

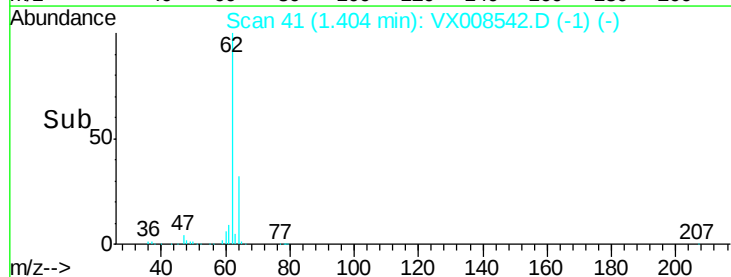
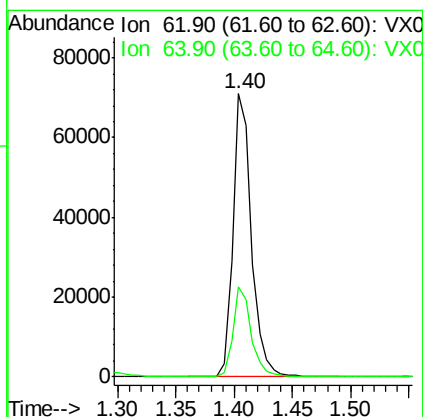
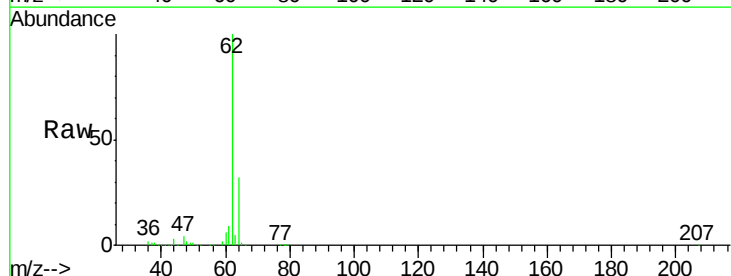
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

Tgt Ion: 50 Resp: 78581
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.2



#4
Vinyl Chloride
Concen: 19.877 ug/l
RT: 1.40 min Scan# 41
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion: 62 Resp: 78318
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3





#5

Bromomethane

Concen: 18.762 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

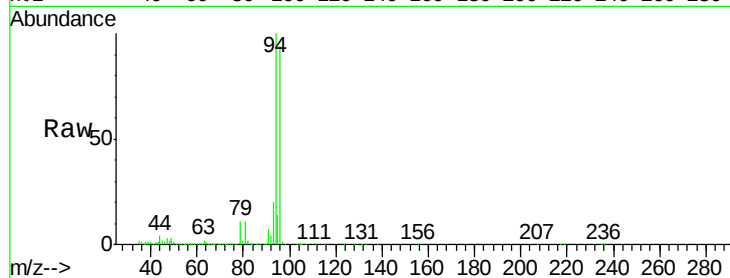
VX0329WBS02

Tgt Ion: 94 Resp: 36376

Ion Ratio Lower Upper

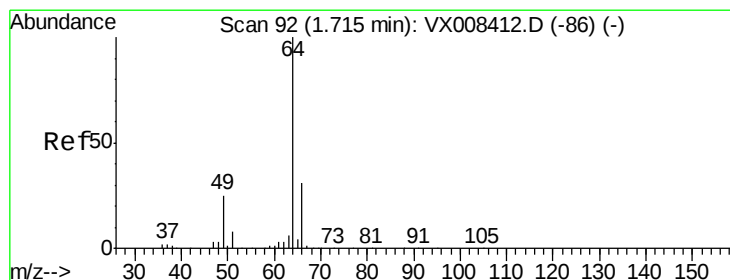
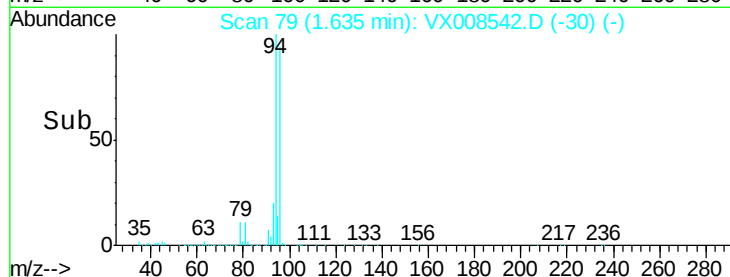
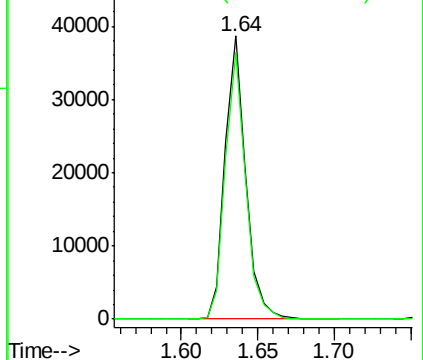
94 100

96 94.1 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 23.032 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008542.D

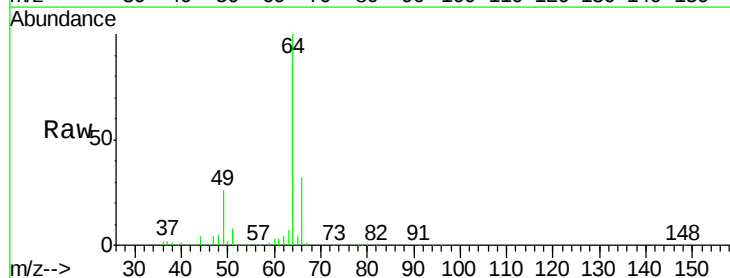
Acq: 29 Mar 2019 14:40

Tgt Ion: 64 Resp: 53762

Ion Ratio Lower Upper

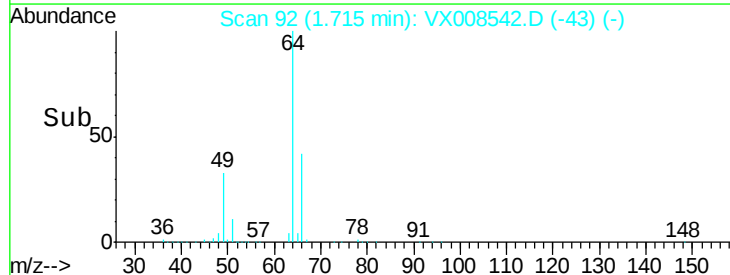
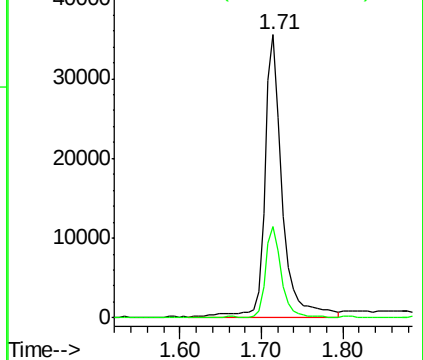
64 100

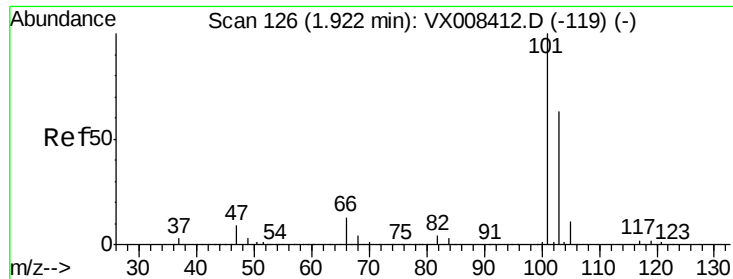
66 32.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



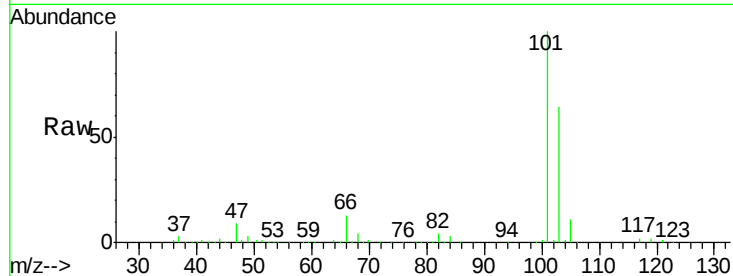


#7

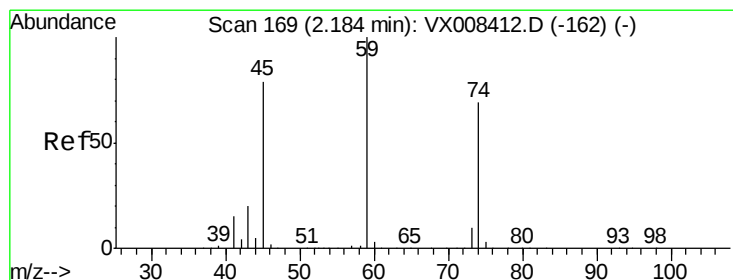
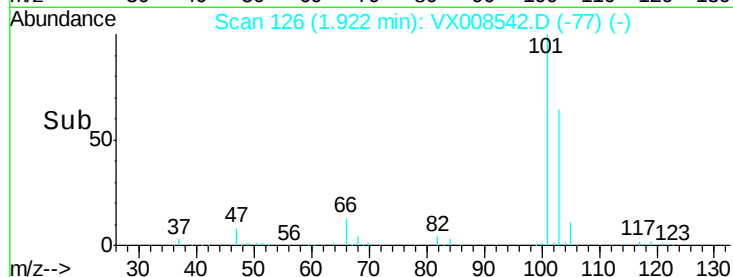
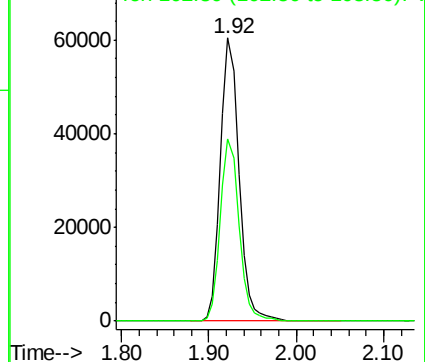
Trichlorofluoromethane
Concen: 20.005 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

Tgt Ion:101 Resp: 89271
Ion Ratio Lower Upper
101 100
103 64.4 50.2 75.4



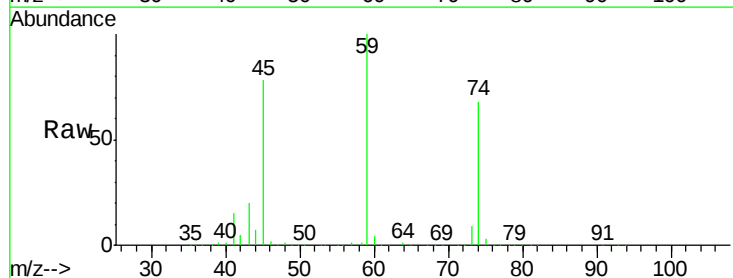
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



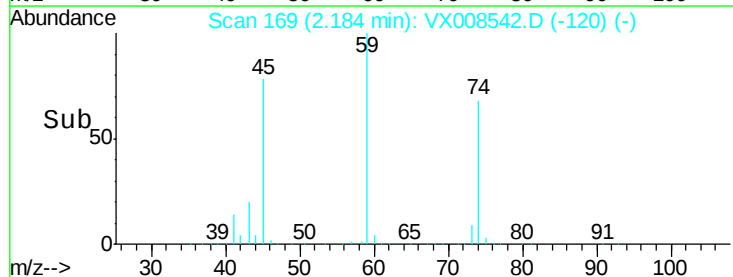
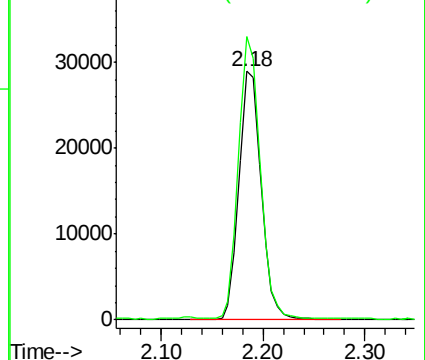
#8

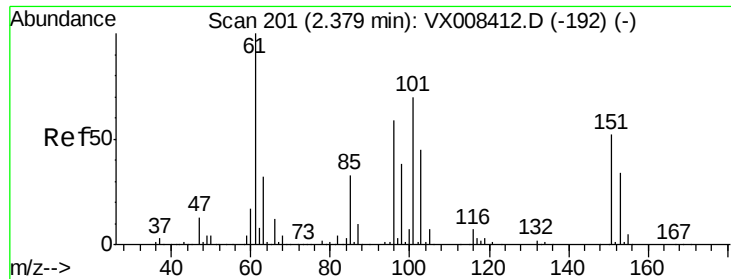
Diethyl Ether
Concen: 20.649 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion: 74 Resp: 43609
Ion Ratio Lower Upper
74 100
45 110.5 56.4 169.2



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.264 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

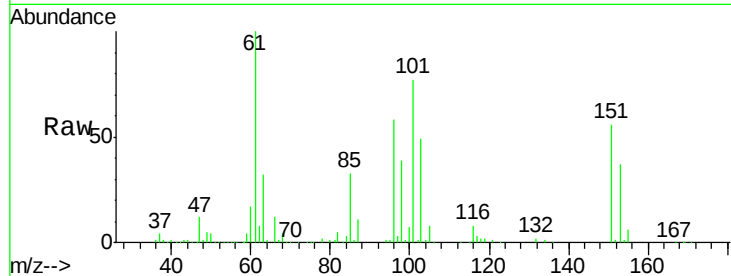
Tgt Ion:101 Resp: 57348

Ion Ratio Lower Upper

101 100

85 44.9 36.0 54.0

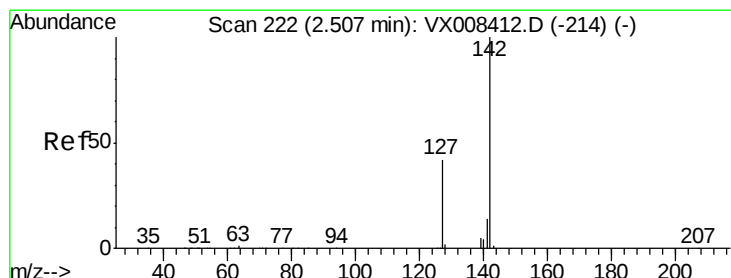
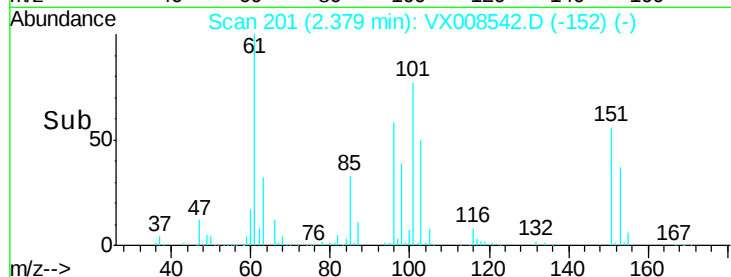
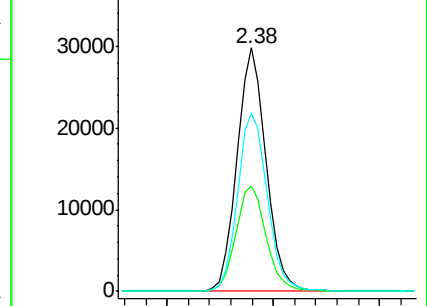
151 74.9 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.713 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

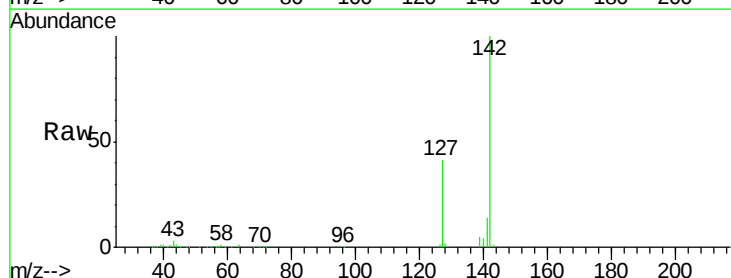
Tgt Ion:142 Resp: 47434

Ion Ratio Lower Upper

142 100

127 42.4 33.6 50.4

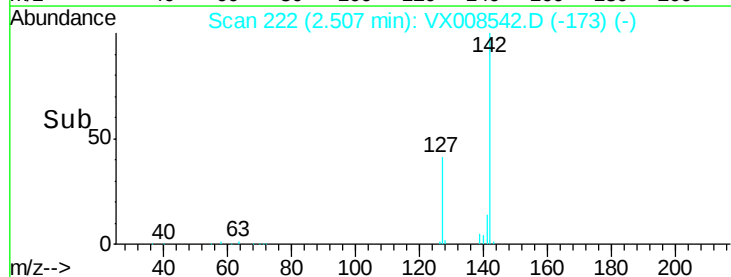
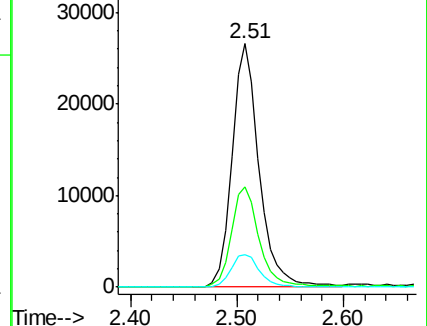
141 14.4 11.3 16.9

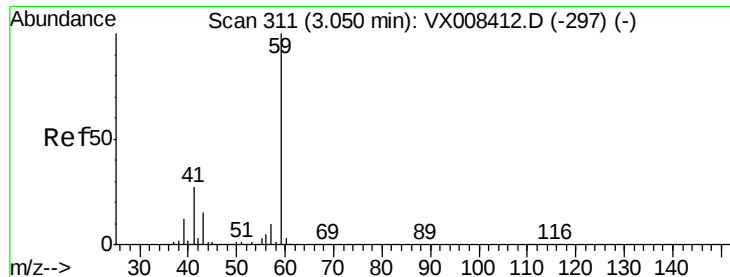


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

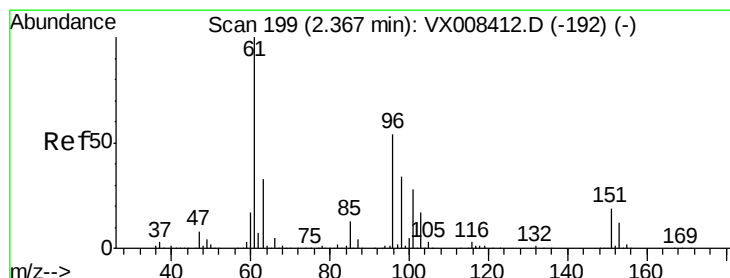
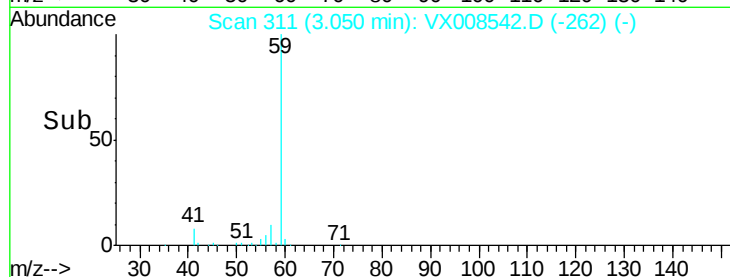
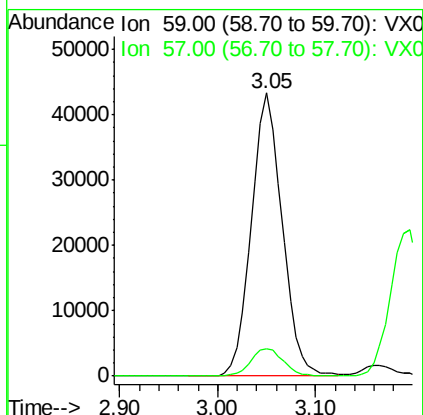
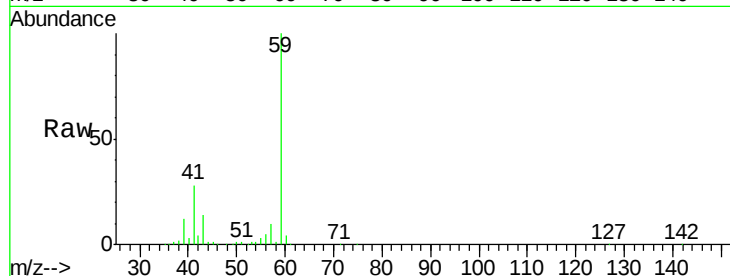




#11
Tert butyl alcohol
Concen: 118.131 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

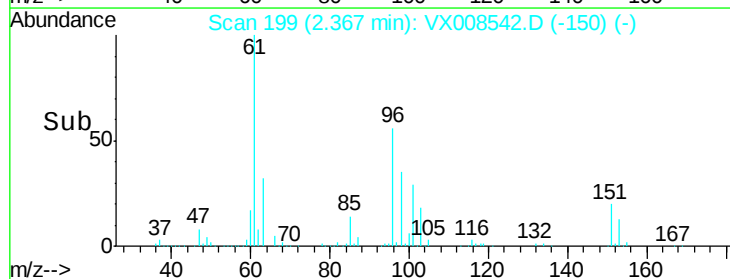
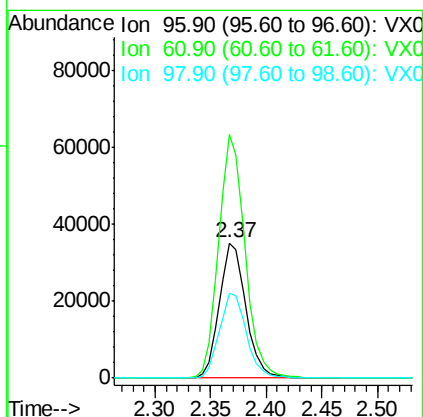
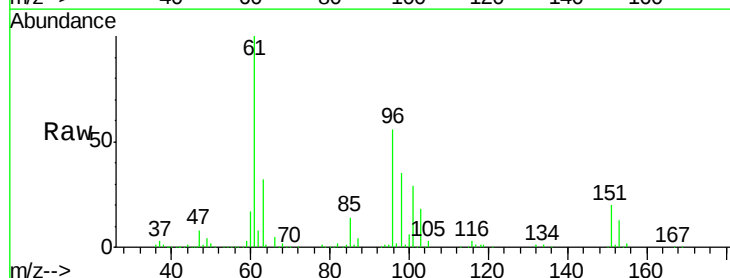
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

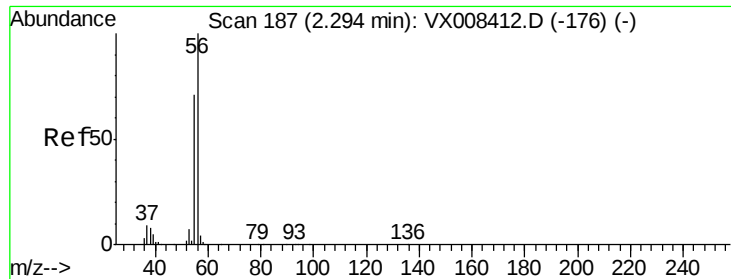
Tgt Ion: 59 Resp: 94994
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.818 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion: 96 Resp: 57983
Ion Ratio Lower Upper
96 100
61 179.9 146.9 220.3
98 62.7 50.1 75.1





#13

Acrolein

Concen: 91.189 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

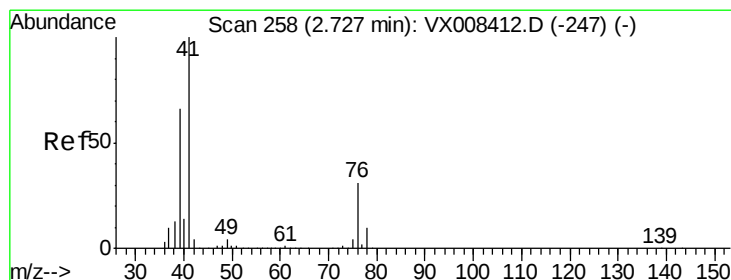
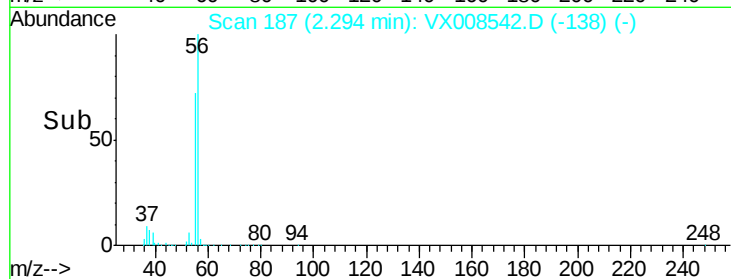
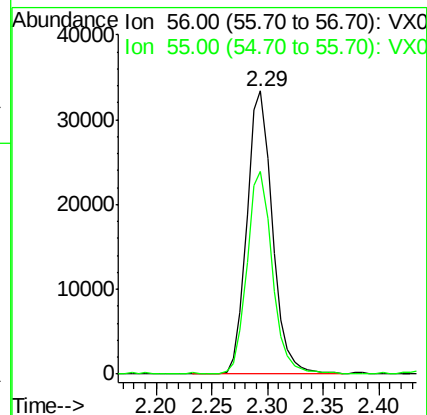
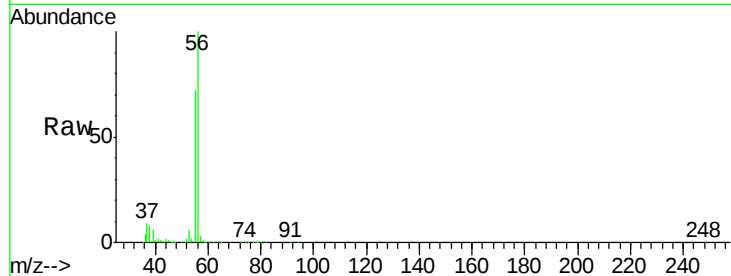
VX0329WBS02

Tgt Ion: 56 Resp: 53251

Ion Ratio Lower Upper

56 100

55 70.1 56.5 84.7



#14

Allyl chloride

Concen: 21.853 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

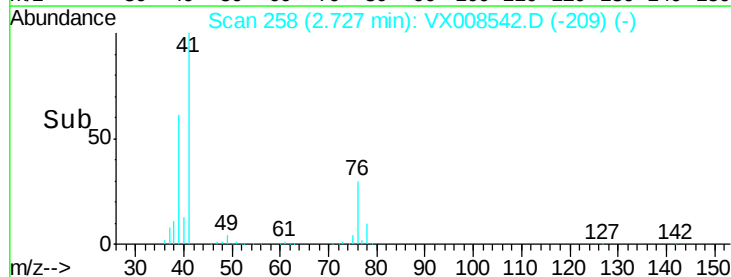
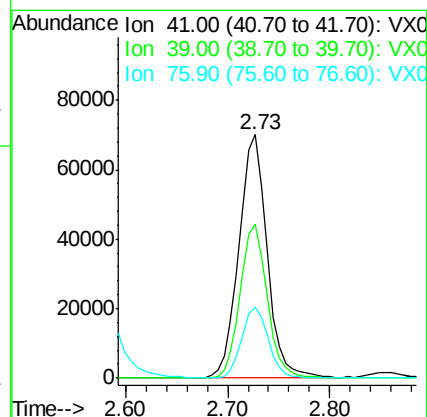
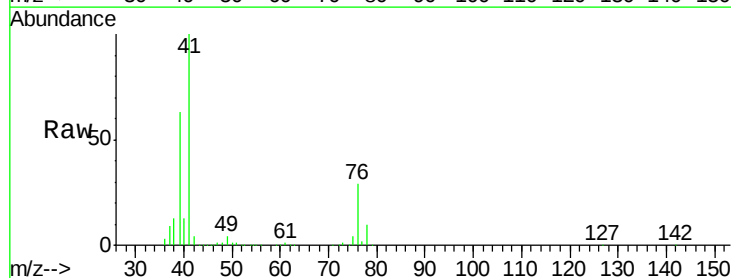
Tgt Ion: 41 Resp: 134094

Ion Ratio Lower Upper

41 100

39 60.4 49.6 74.4

76 27.5 22.6 34.0





#15

Acrylonitrile

Concen: 112.854 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

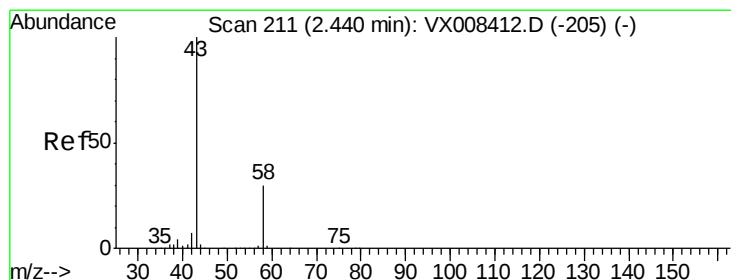
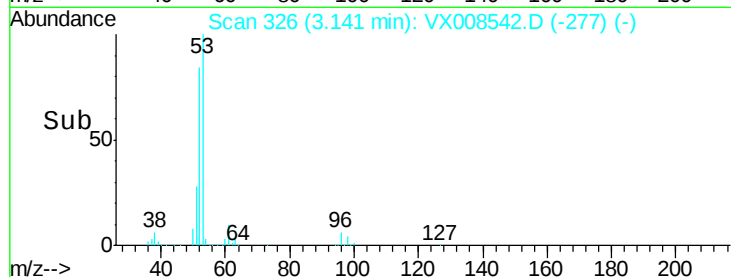
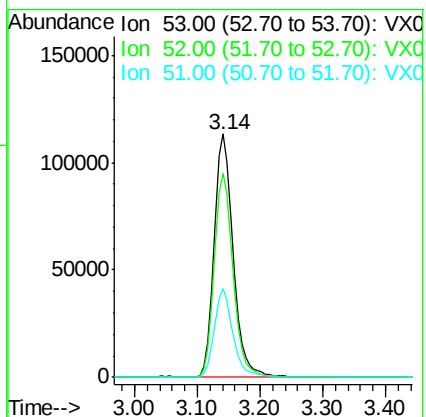
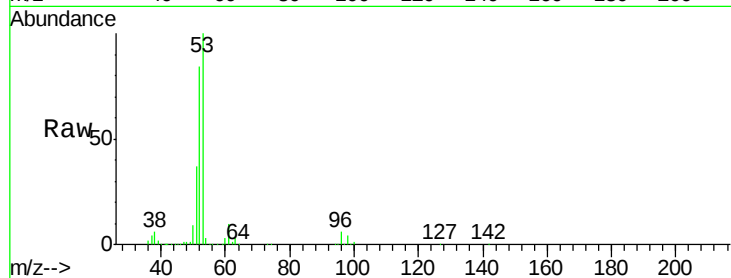
Tgt Ion: 53 Resp: 237965

Ion Ratio Lower Upper

53 100

52 83.0 66.5 99.7

51 35.5 28.3 42.5



#16

Acetone

Concen: 121.743 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008542.D

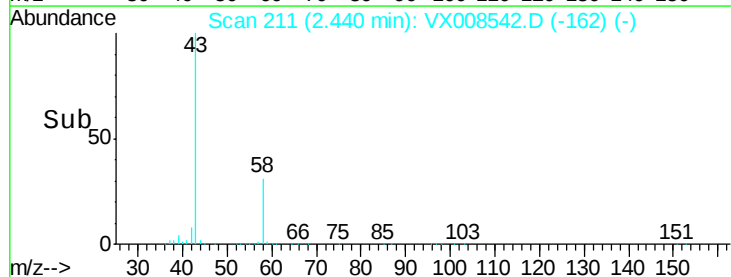
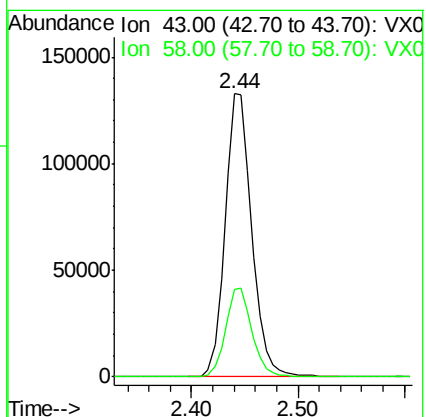
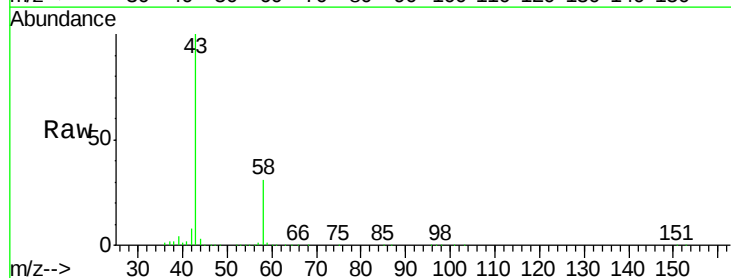
Acq: 29 Mar 2019 14:40

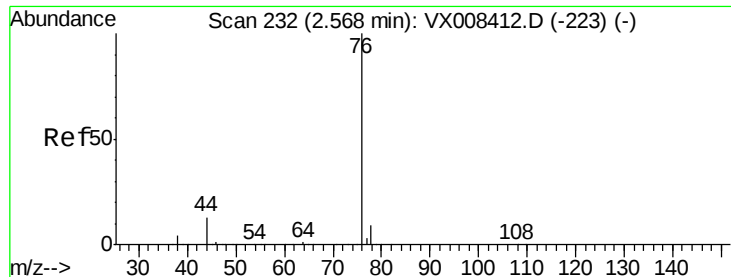
Tgt Ion: 43 Resp: 230944

Ion Ratio Lower Upper

43 100

58 30.9 24.2 36.2

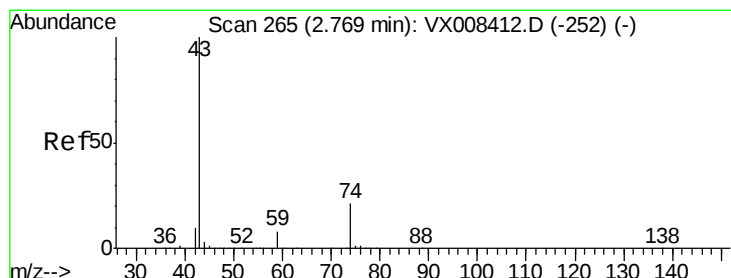
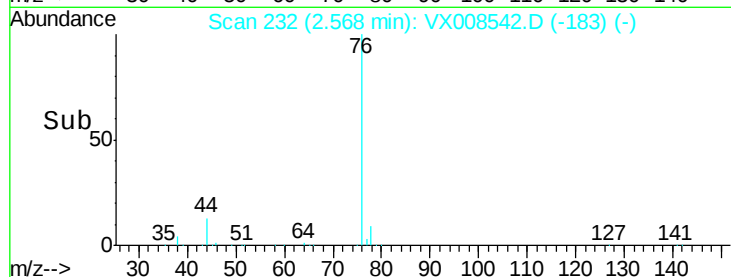
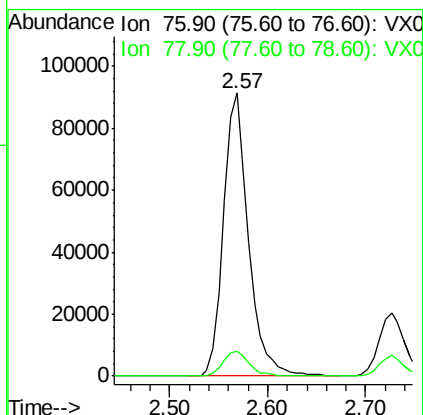
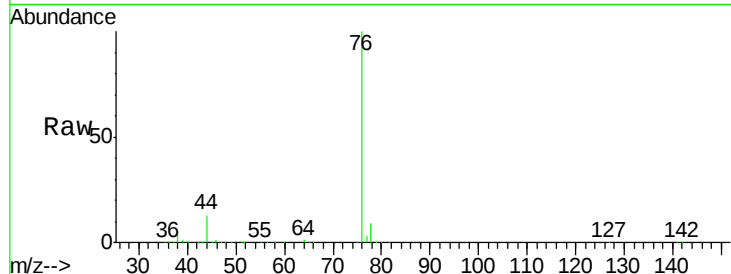




#17
Carbon Disulfide
Concen: 19.997 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

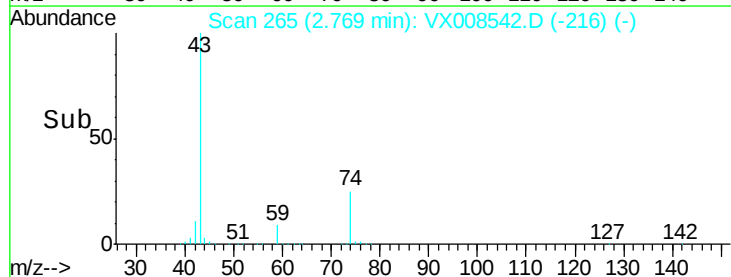
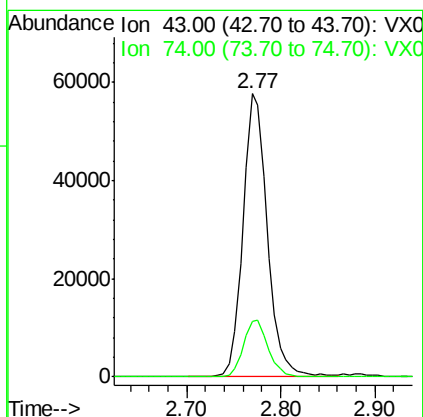
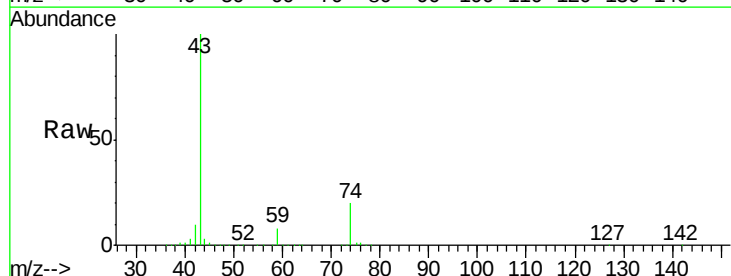
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

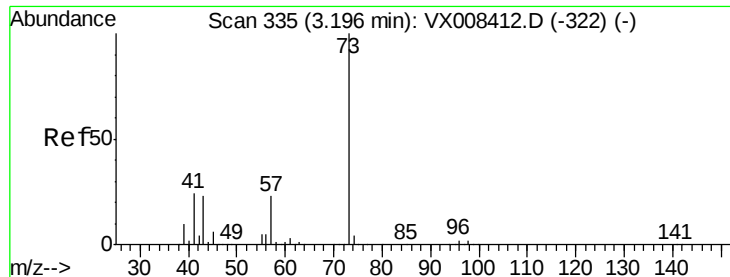
Tgt Ion: 76 Resp: 161639
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 22.706 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion: 43 Resp: 103447
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1

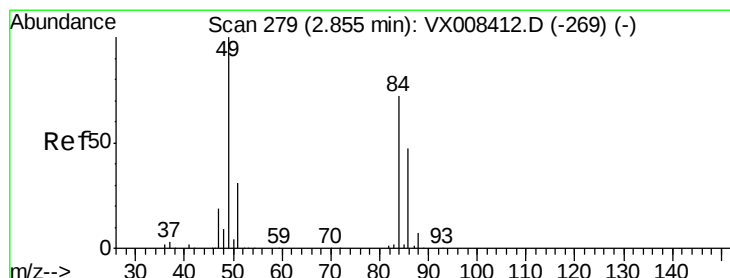
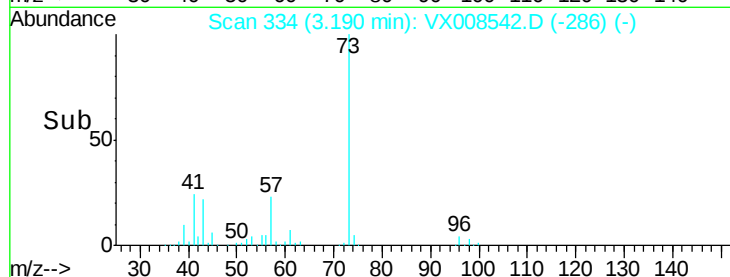
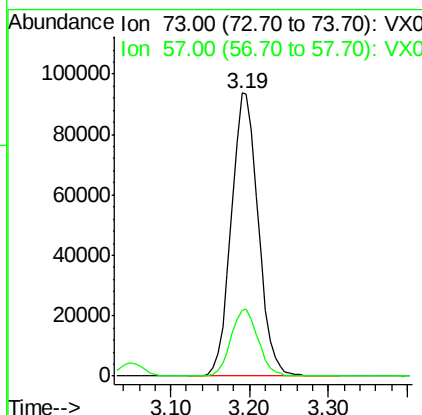
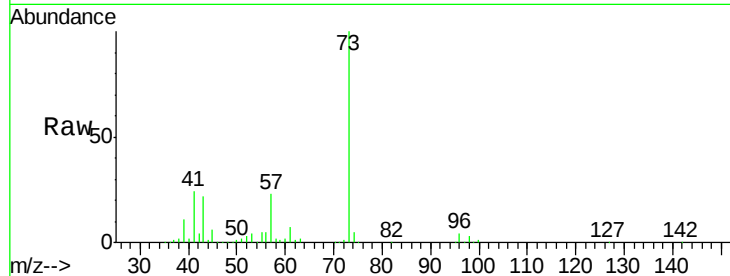




#19
Methyl tert-butyl Ether
Concen: 22.188 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

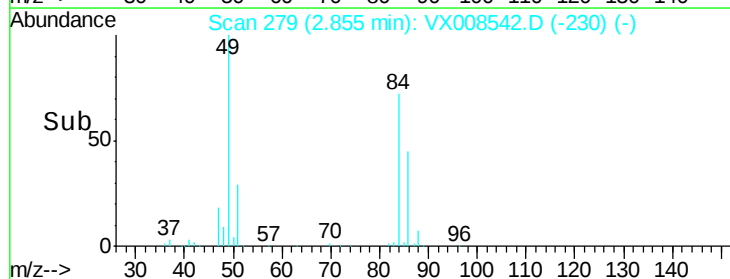
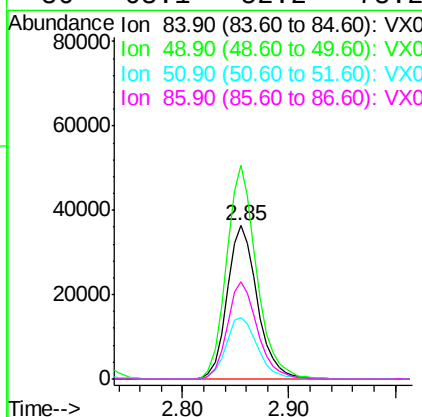
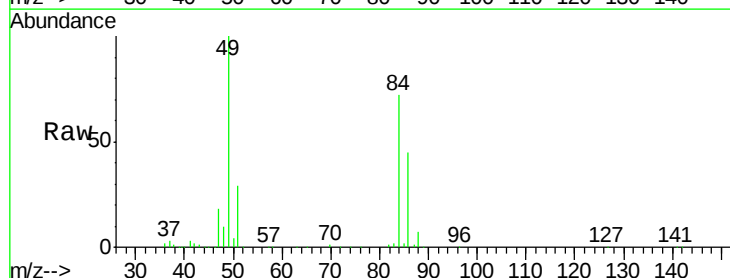
Instrument :
MSVOA_X
ClientSampled :
VX0329WBS02

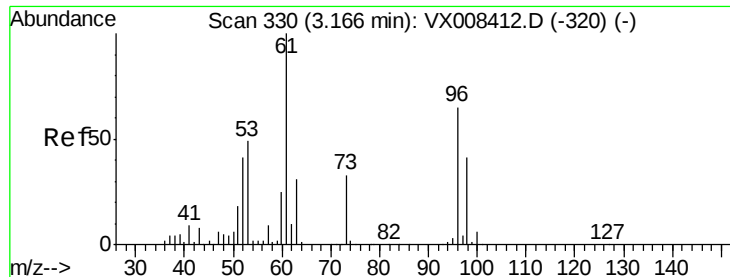
Tgt Ion: 73 Resp: 222697
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0



#20
Methylene Chloride
Concen: 22.954 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion: 84 Resp: 72136
Ion Ratio Lower Upper
84 100
49 138.7 110.6 165.8
51 40.1 33.9 50.9
86 63.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 22.069 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

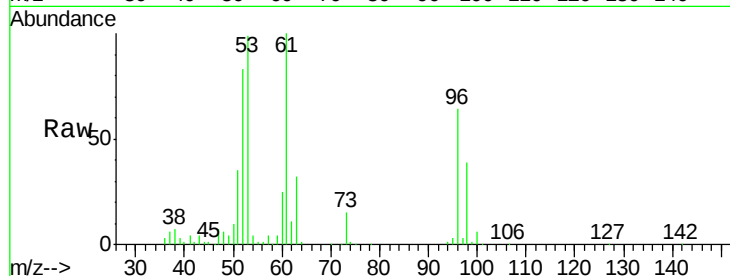
Tgt Ion: 96 Resp: 61669

Ion Ratio Lower Upper

96 100

61 157.0 122.6 184.0

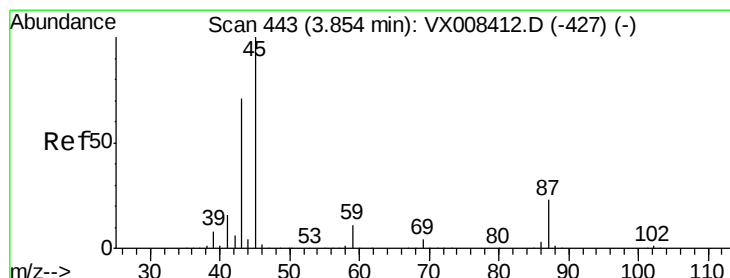
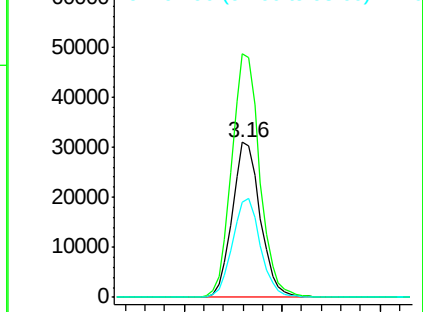
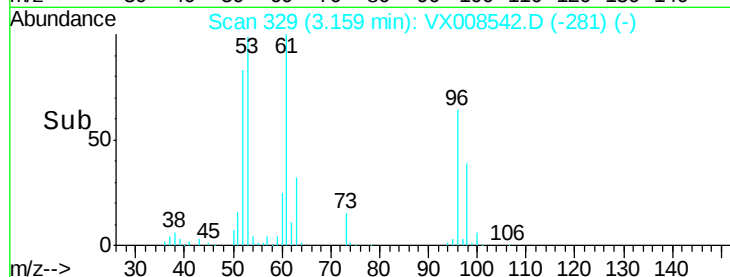
98 61.7 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 22.334 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Tgt Ion: 45 Resp: 269848

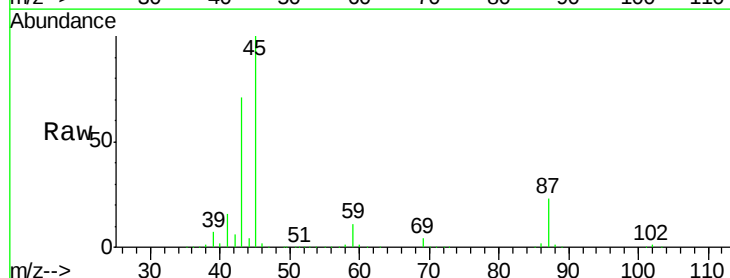
Ion Ratio Lower Upper

45 100

43 70.9 57.1 85.7

87 23.3 18.8 28.2

59 10.8 8.7 13.1

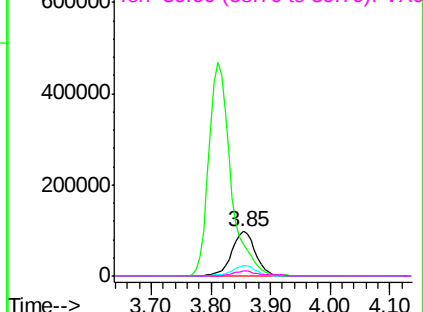
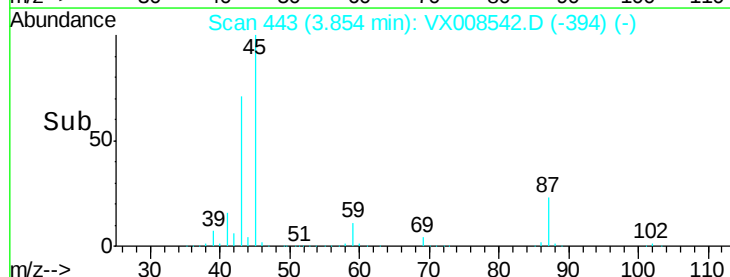


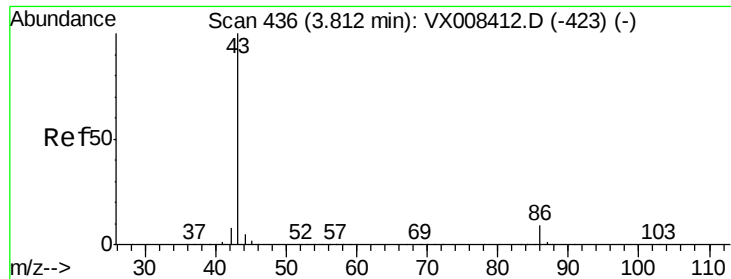
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 113.195 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

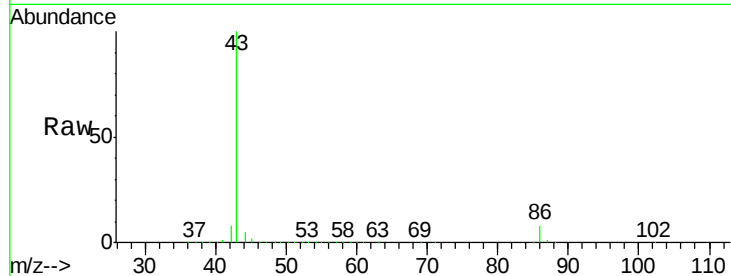
VX0329WBS02

Tgt Ion: 43 Resp: 1193215

Ion Ratio Lower Upper

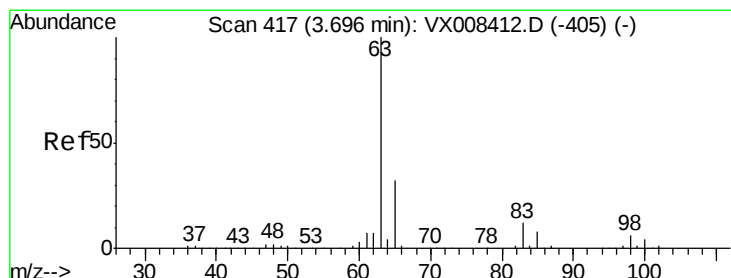
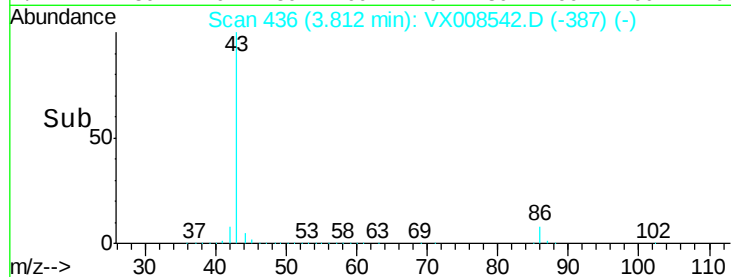
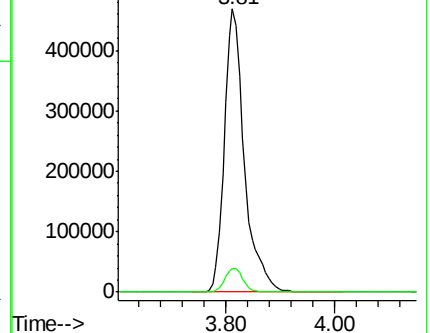
43 100

86 8.5 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.715 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

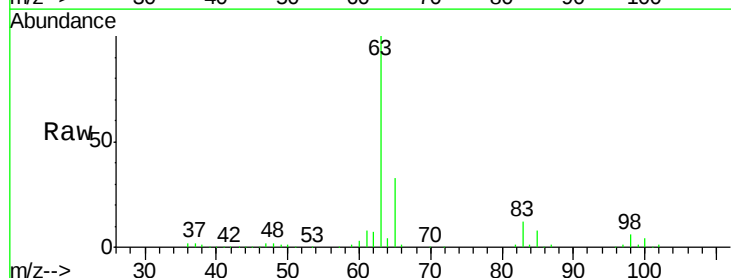
Tgt Ion: 63 Resp: 132457

Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

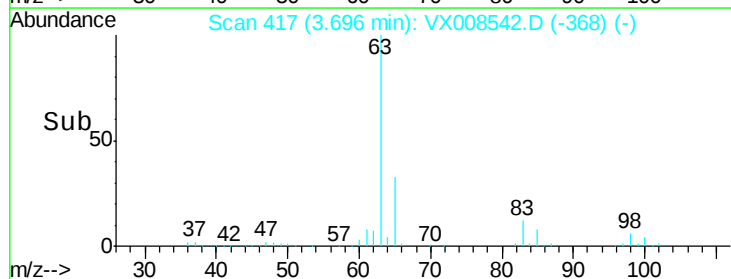
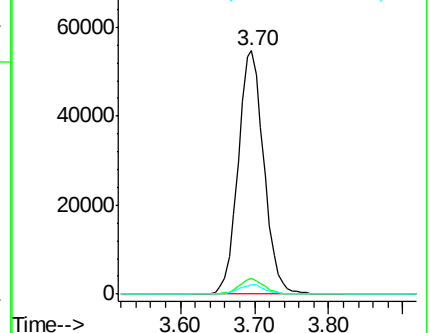
100 3.9 2.0 5.8

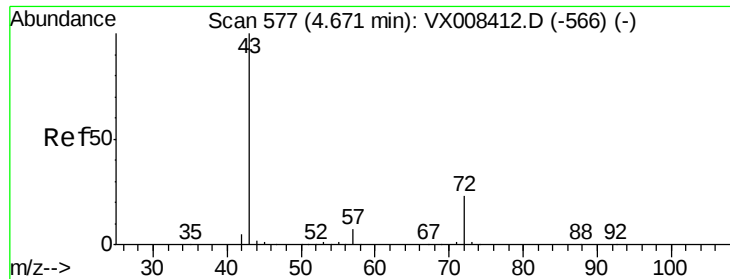


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 117.854 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

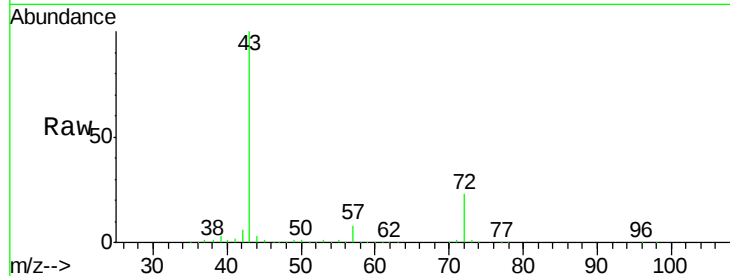
VX0329WBS02

Tgt Ion: 43 Resp: 358418

Ion Ratio Lower Upper

43 100

72 23.1 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

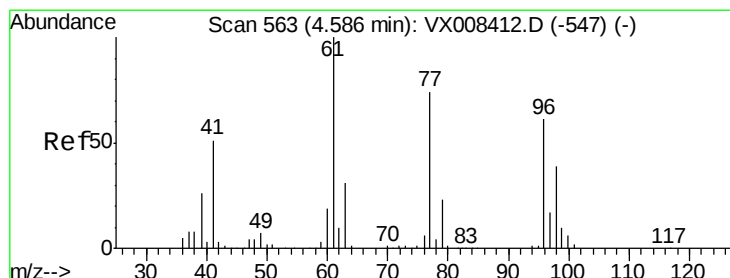
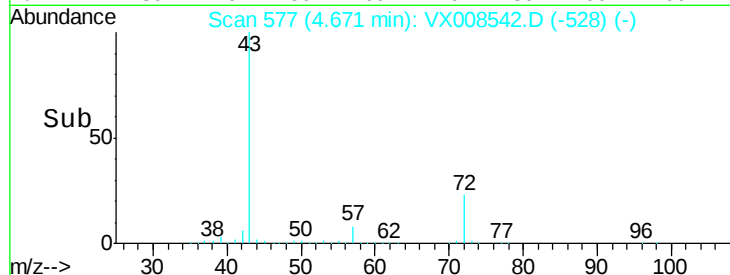
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 22.737 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008542.D

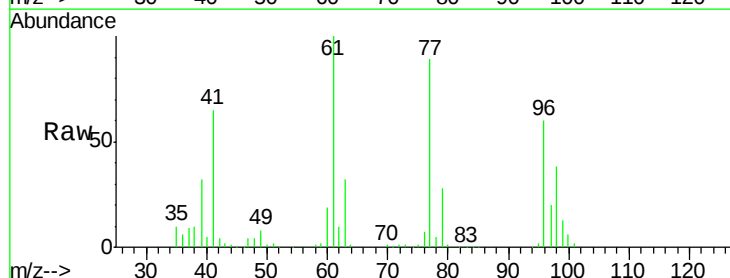
Acq: 29 Mar 2019 14:40

Tgt Ion: 77 Resp: 92246

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

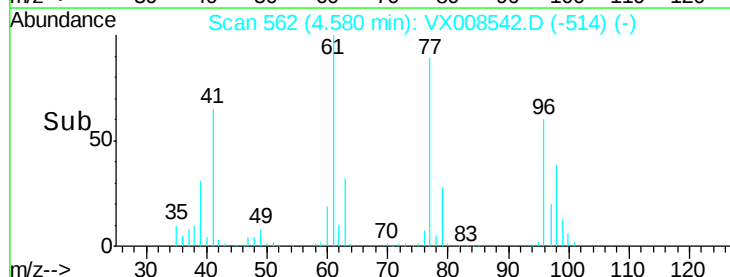
30000

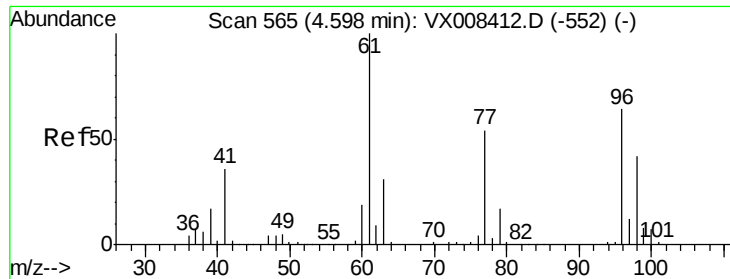
20000

10000

0

Time-->



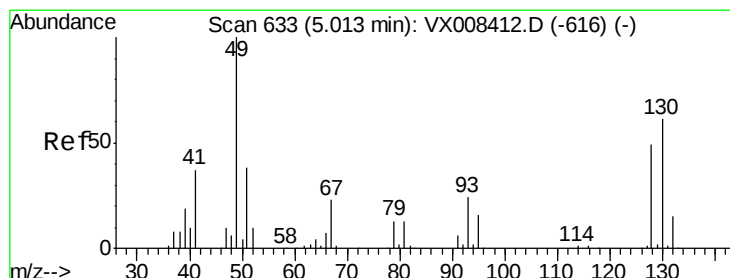
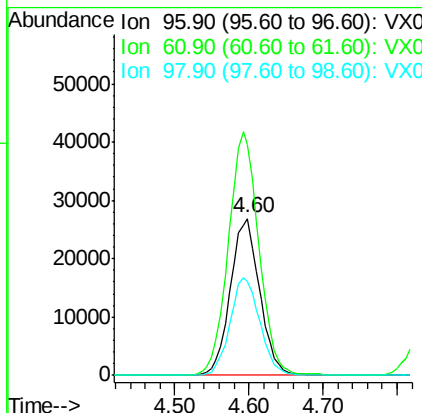
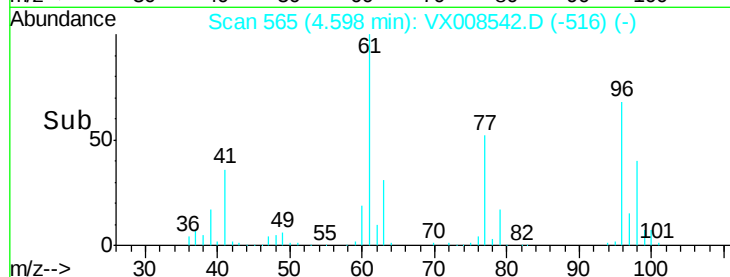
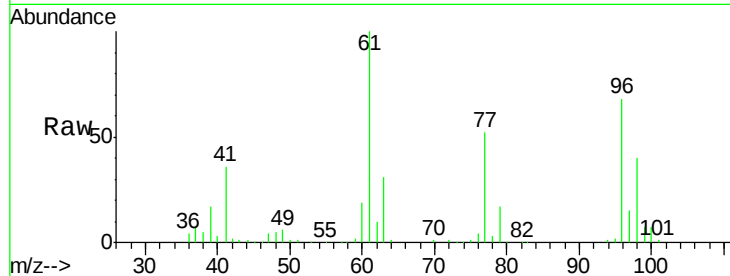


#27

cis-1,2-Dichloroethene
Concen: 21.892 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

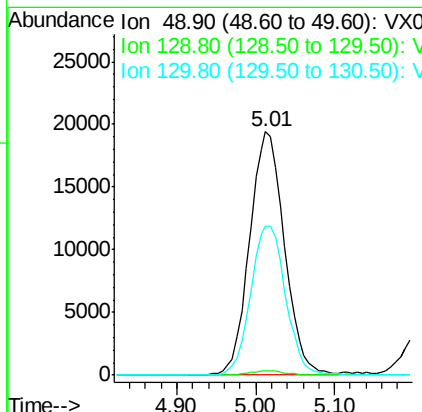
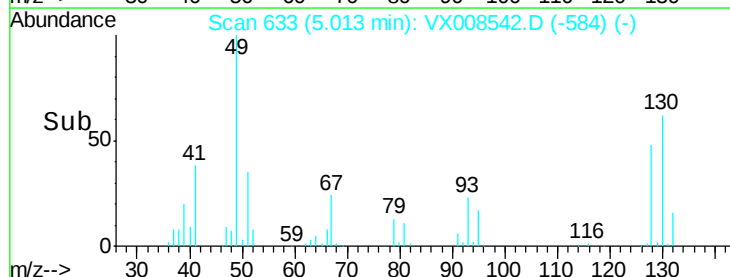
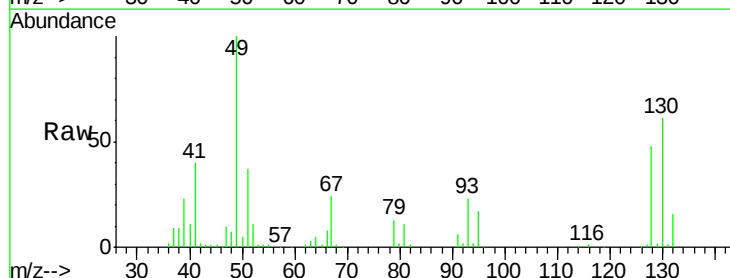
Tgt Ion: 96 Resp: 74562
Ion Ratio Lower Upper
96 100
61 160.7 0.0 325.6
98 63.0 0.0 130.0

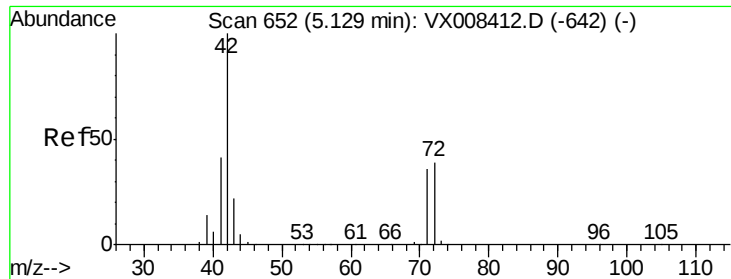


#28

Bromochloromethane
Concen: 19.774 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion: 49 Resp: 59592
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 61.4 49.8 74.6

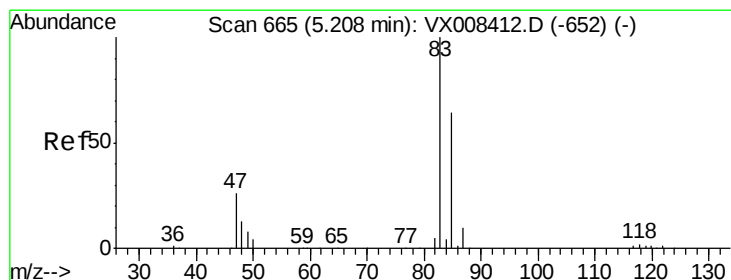
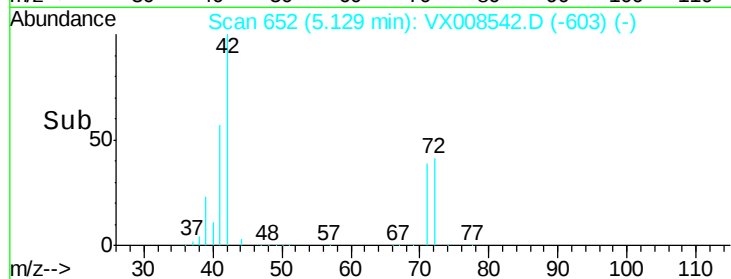
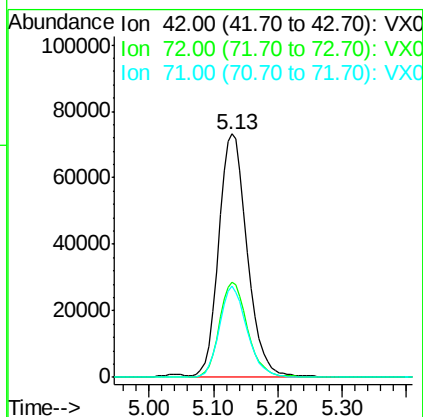
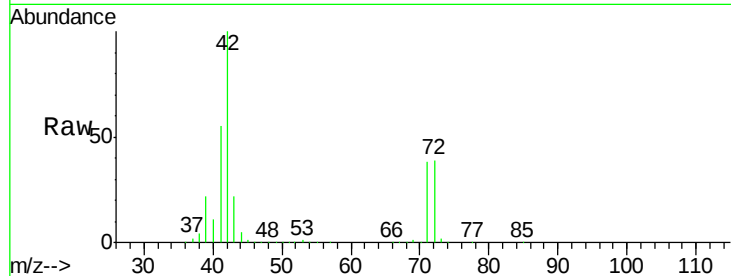




#29
Tetrahydrofuran
Concen: 113.177 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

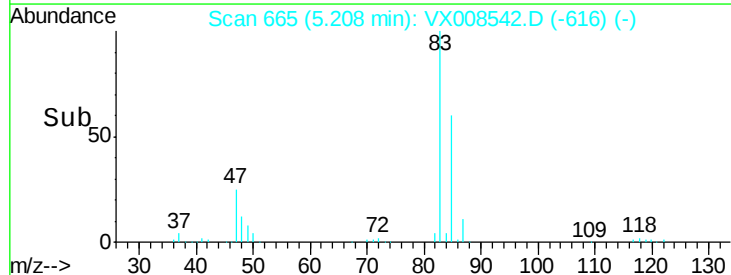
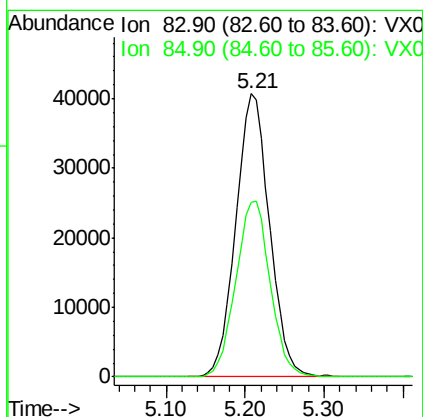
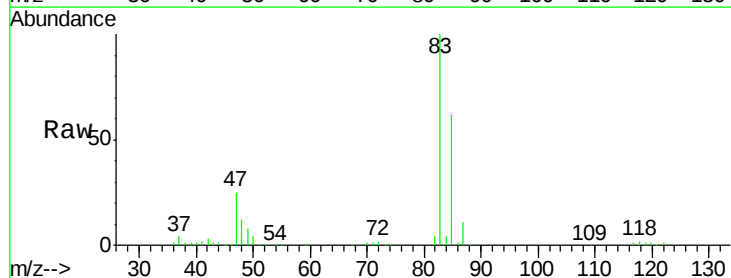
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

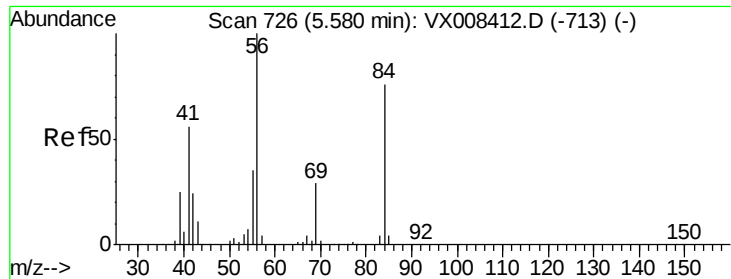
Tgt Ion: 42 Resp: 226849
Ion Ratio Lower Upper
42 100
72 39.1 31.4 47.2
71 36.5 29.4 44.2



#30
Chloroform
Concen: 21.954 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion: 83 Resp: 120853
Ion Ratio Lower Upper
83 100
85 61.6 51.4 77.2

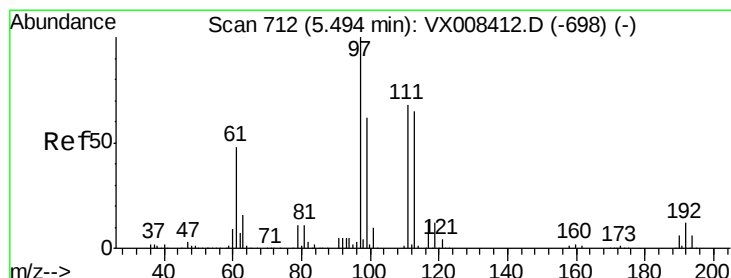
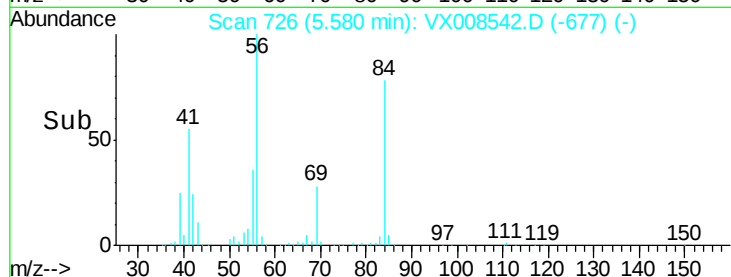
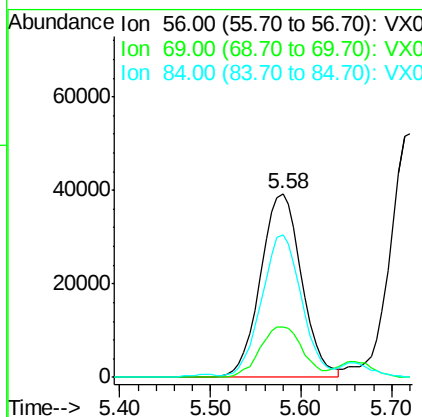
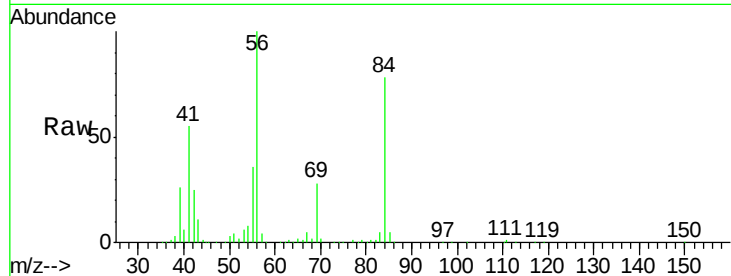




#31
Cyclohexane
Concen: 21.189 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

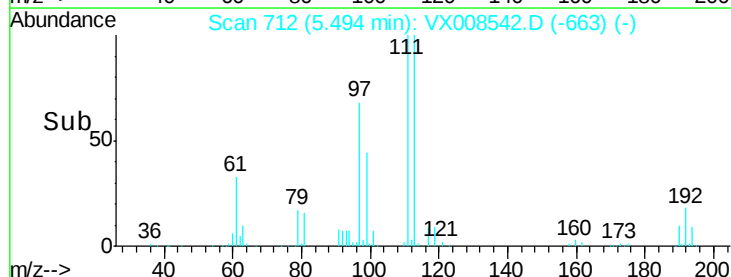
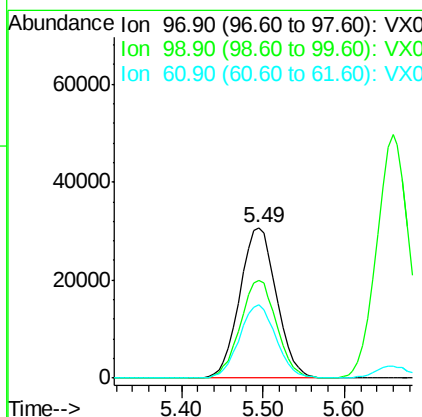
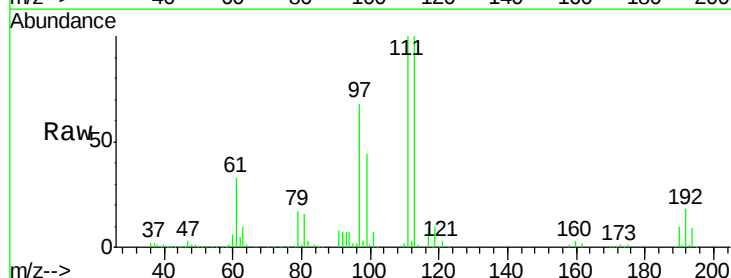
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

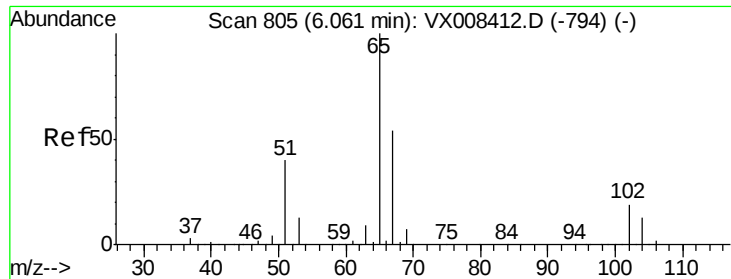
Tgt Ion: 56 Resp: 123272
Ion Ratio Lower Upper
56 100
69 27.7 23.2 34.8
84 76.8 60.7 91.1



#32
1,1,1-Trichloroethane
Concen: 21.862 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion: 97 Resp: 96197
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 48.5 38.8 58.2

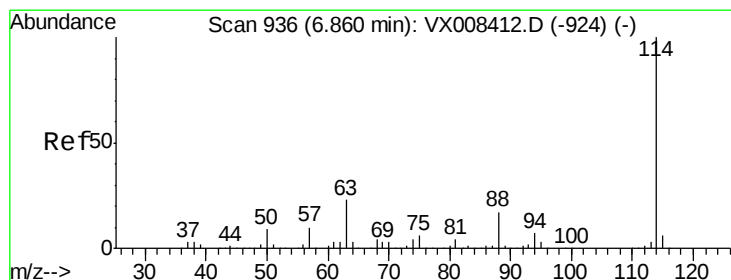
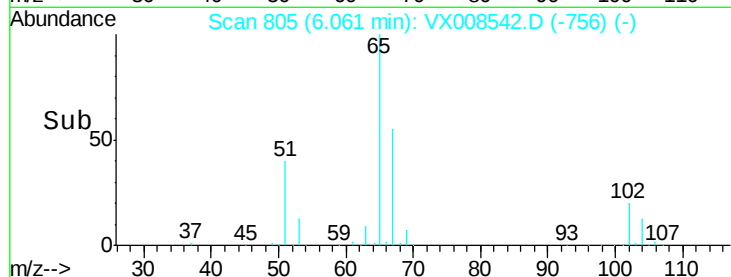
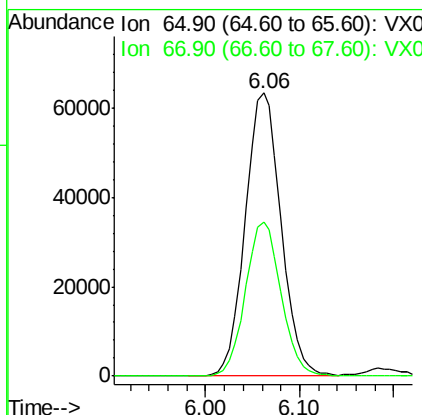
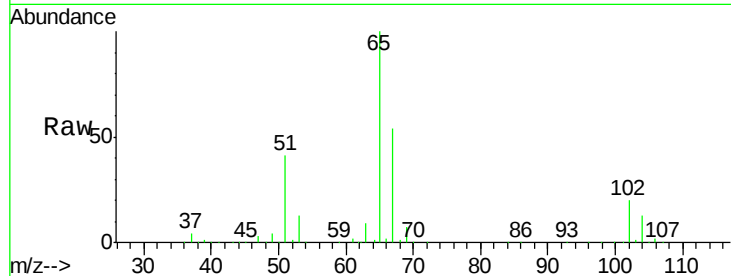




#33
 1,2-Dichloroethane-d4
 Concen: 46.631 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

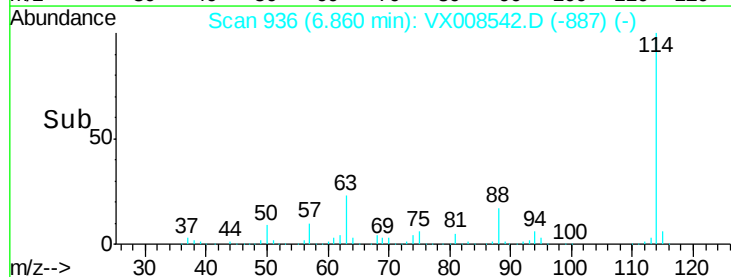
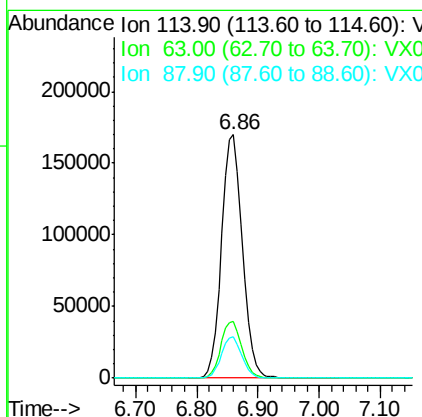
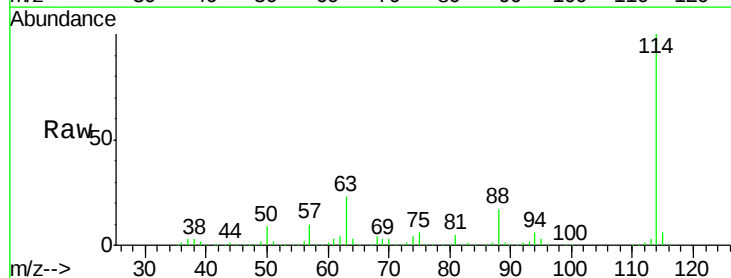
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

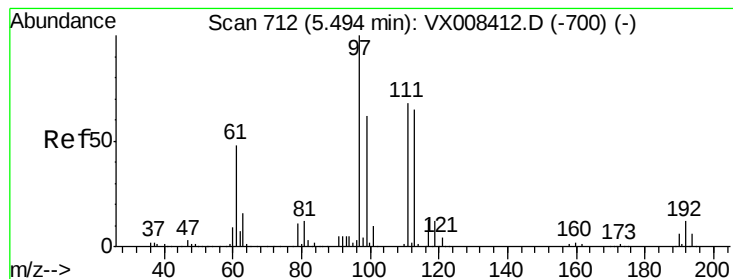
Tgt Ion: 65 Resp: 169248
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

Tgt Ion: 114 Resp: 402191
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.4
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.461 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

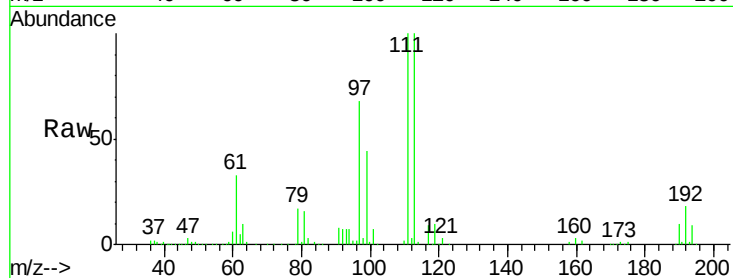
Tgt Ion:113 Resp: 124465

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

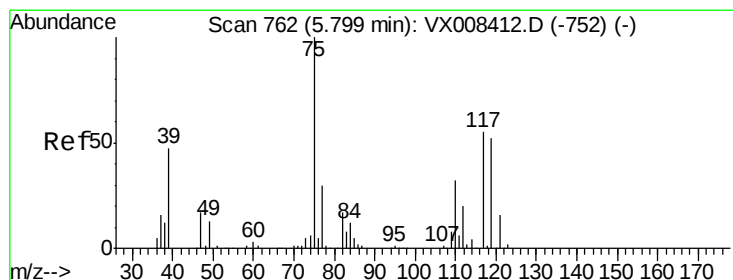
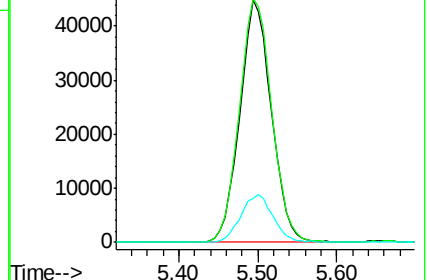
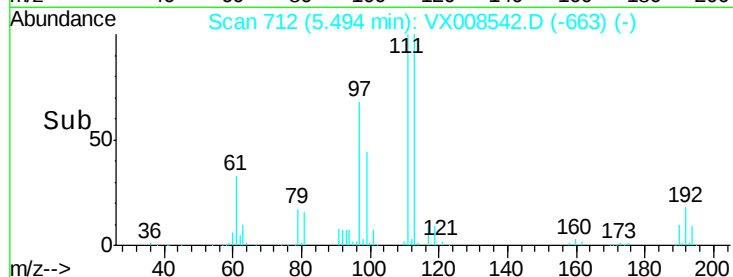
192 20.2 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.206 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

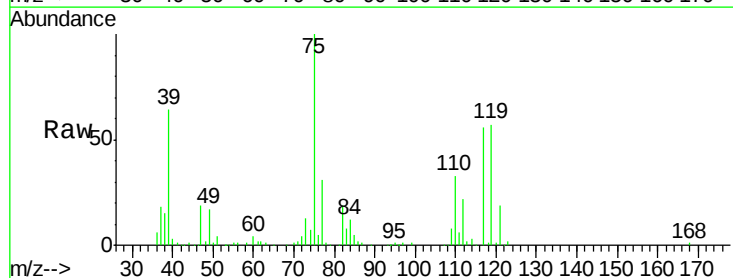
Tgt Ion: 75 Resp: 90936

Ion Ratio Lower Upper

75 100

110 32.9 16.6 49.7

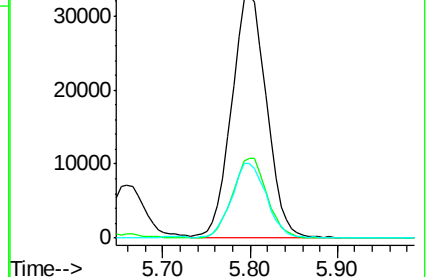
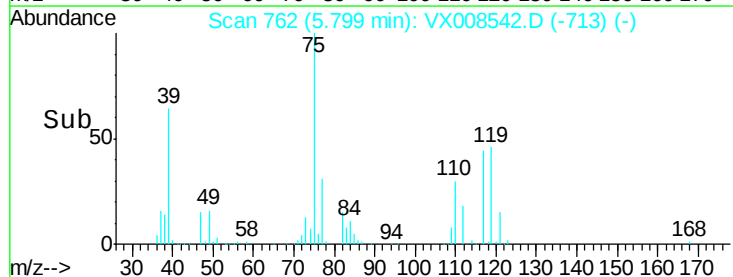
77 30.7 24.2 36.2

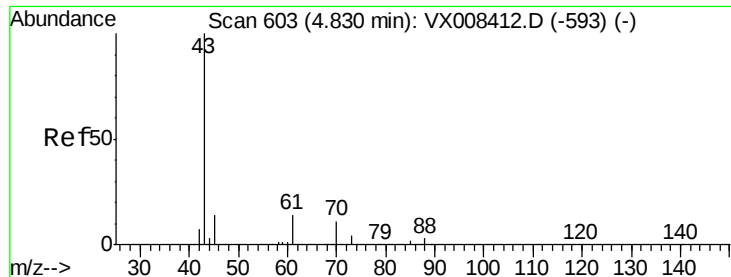


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 23.144 ug/l

RT: 4.83 min Scan# 603

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

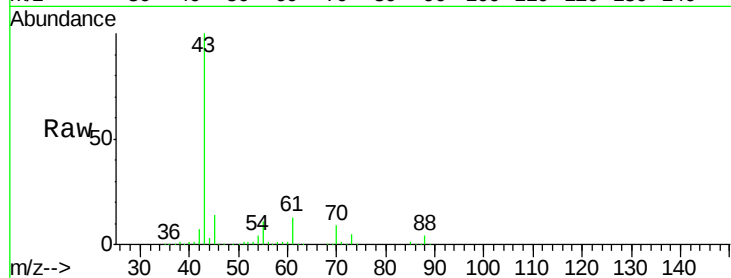
Tgt Ion: 43 Resp: 128573

Ion Ratio Lower Upper

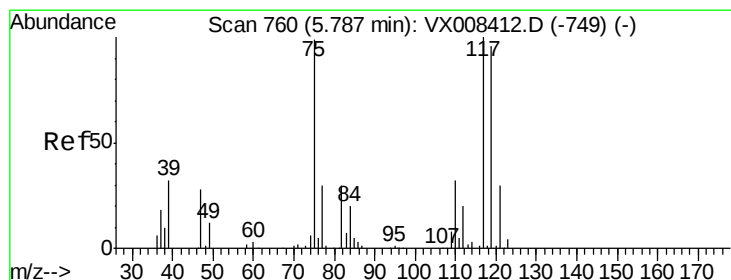
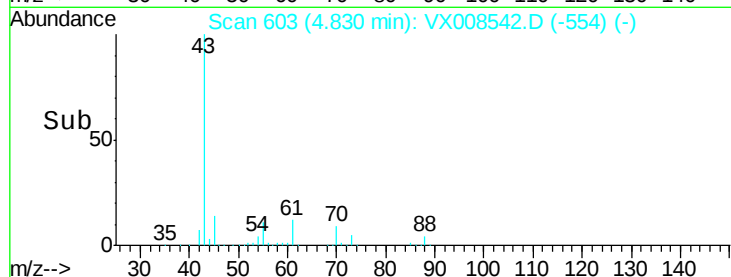
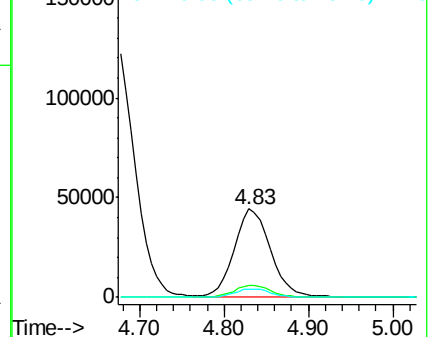
43 100

61 13.2 10.5 15.7

70 10.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 21.995 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

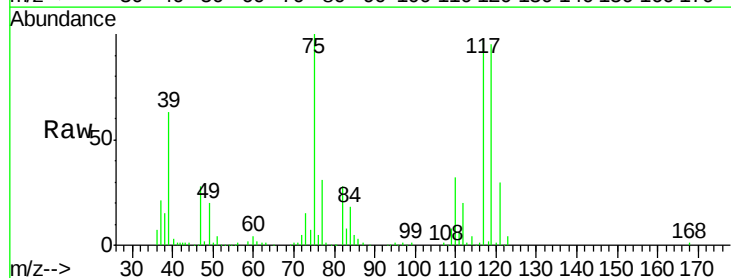
Tgt Ion: 117 Resp: 78714

Ion Ratio Lower Upper

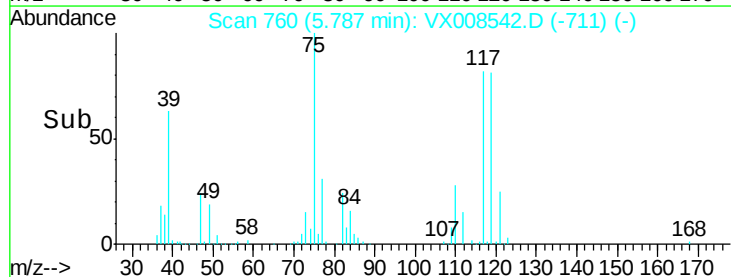
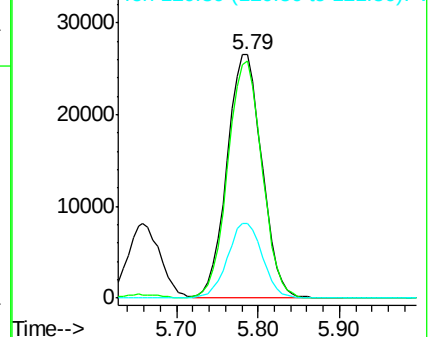
117 100

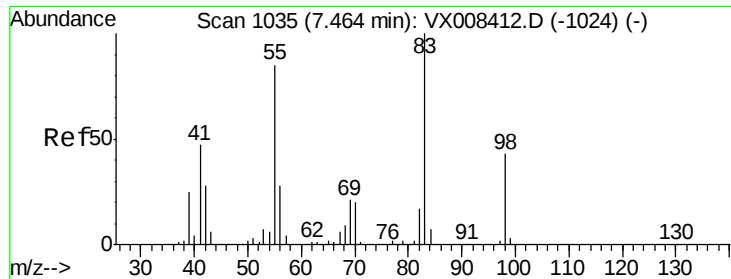
119 97.5 76.7 115.1

121 30.5 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

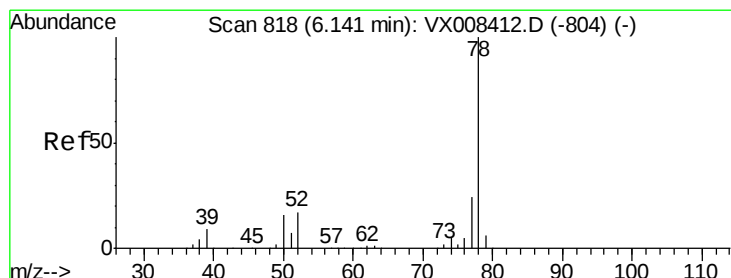
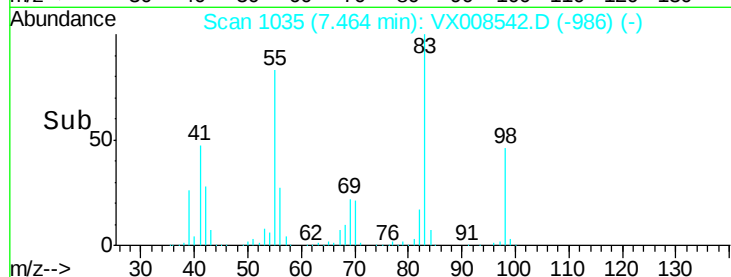
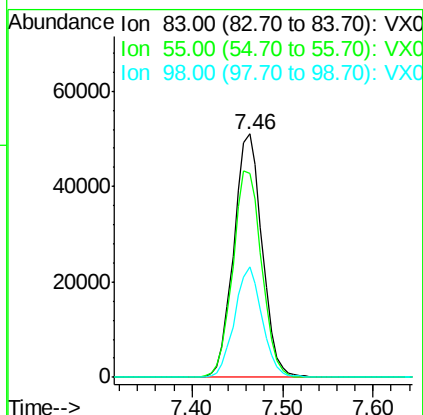
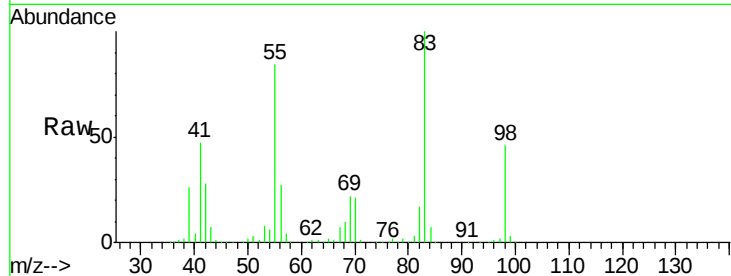




#39
Methylcyclohexane
Concen: 21.625 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

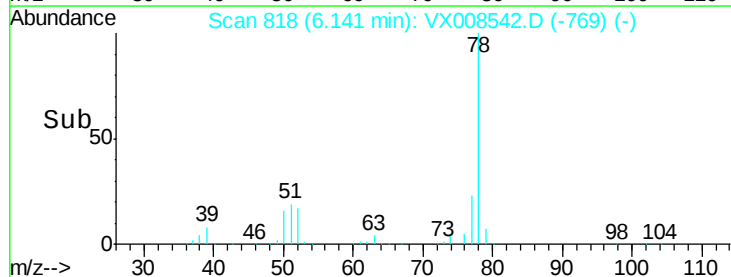
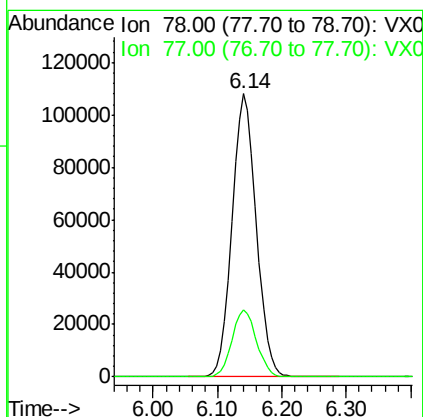
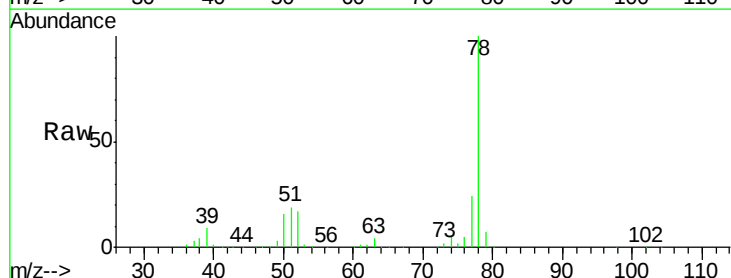
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

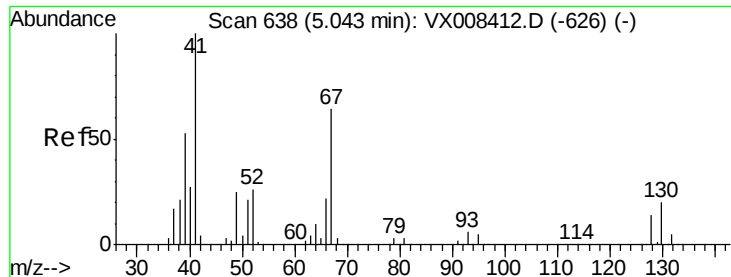
Tgt Ion: 83 Resp: 110823
Ion Ratio Lower Upper
83 100
55 83.5 68.2 102.4
98 45.6 34.2 51.4



#40
Benzene
Concen: 22.090 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion: 78 Resp: 283587
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41

Methacrylonitrile

Concen: 23.554 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

Tgt Ion: 41 Resp: 73533

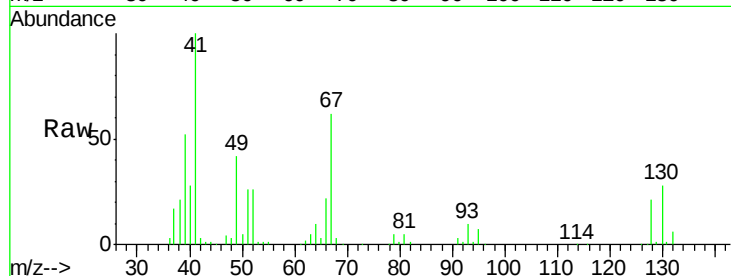
Ion Ratio Lower Upper

41 100

39 53.0 42.6 64.0

67 64.6 52.2 78.4

52 27.0 21.4 32.0

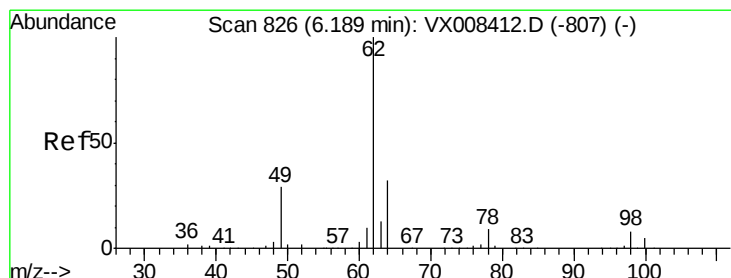
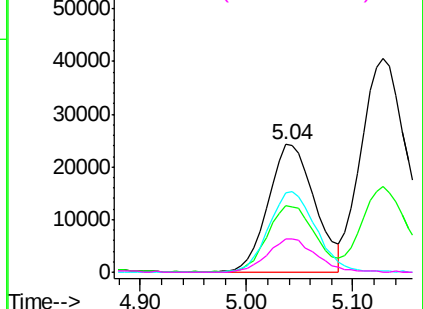
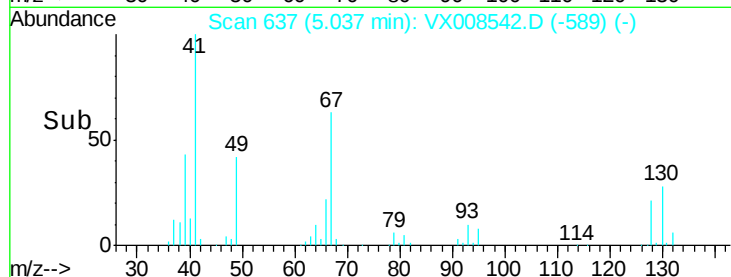


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.672 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX008542.D

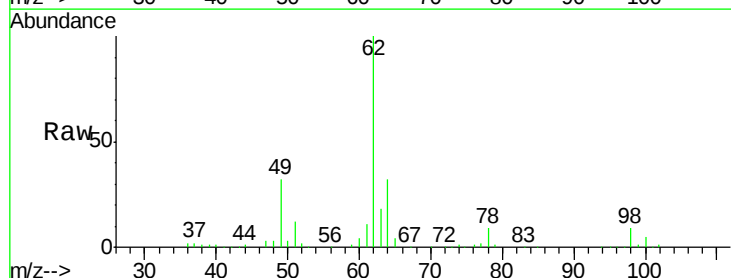
Acq: 29 Mar 2019 14:40

Tgt Ion: 62 Resp: 101865

Ion Ratio Lower Upper

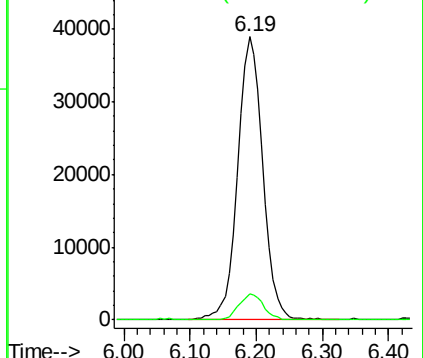
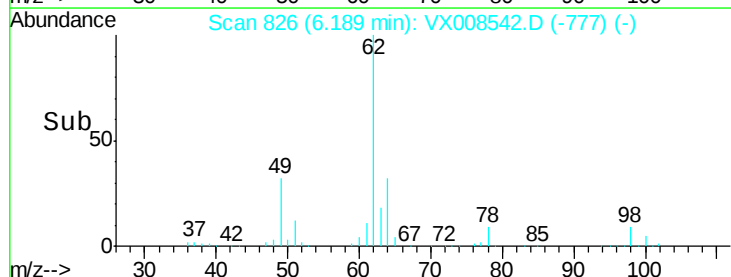
62 100

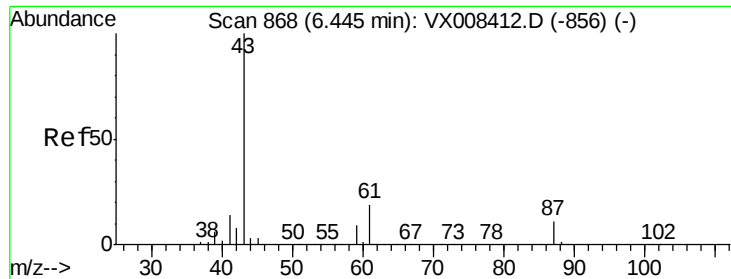
98 9.1 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 22.852 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampled :

VX0329WBS02

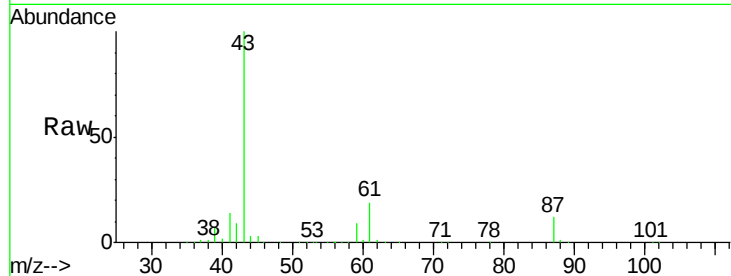
Tgt Ion: 43 Resp: 203056

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.2

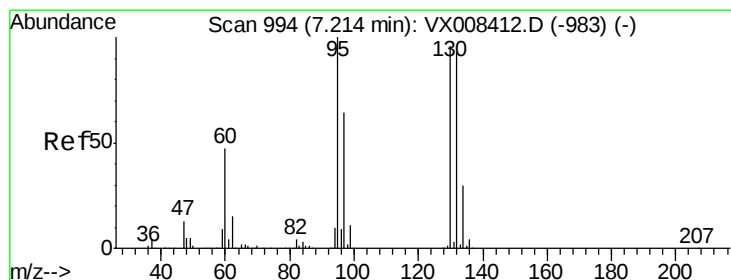
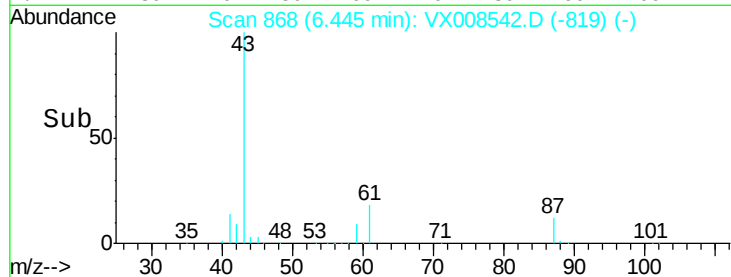
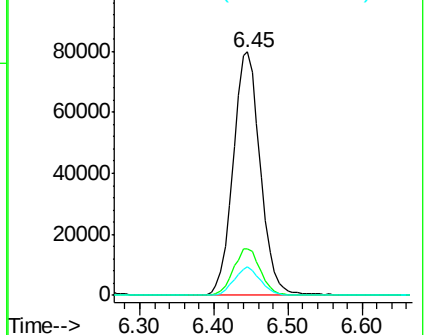
87 11.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 21.354 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008542.D

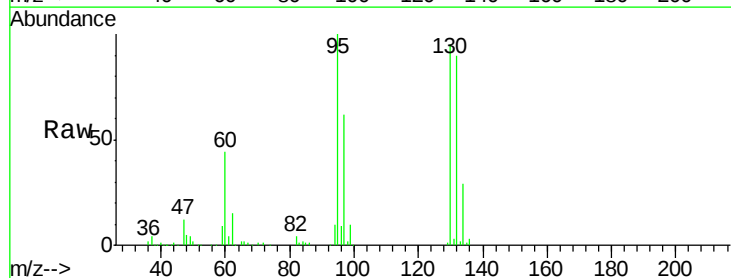
Acq: 29 Mar 2019 14:40

Tgt Ion:130 Resp: 64367

Ion Ratio Lower Upper

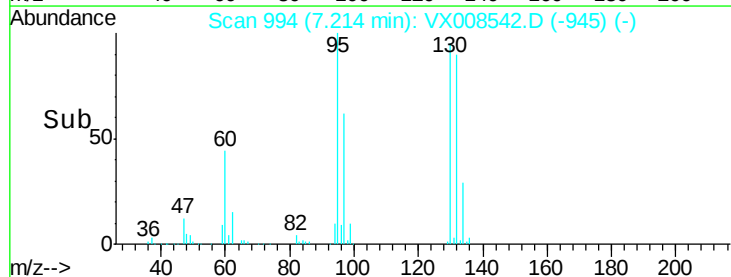
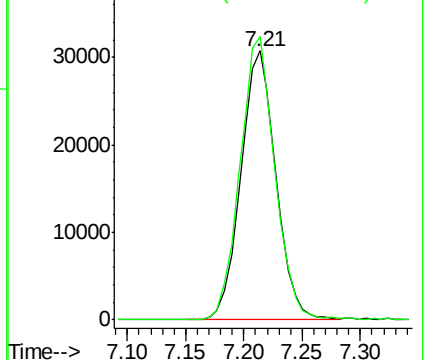
130 100

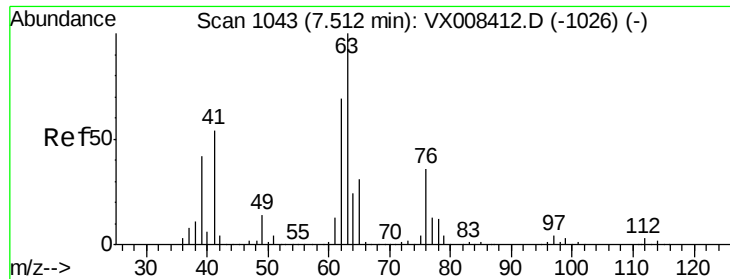
95 105.2 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 22.274 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

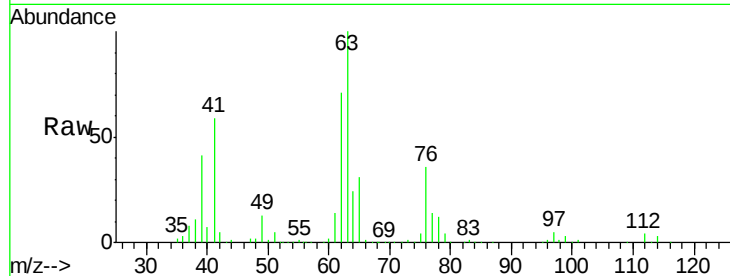
VX0329WBS02

Tgt Ion: 63 Resp: 81280

Ion Ratio Lower Upper

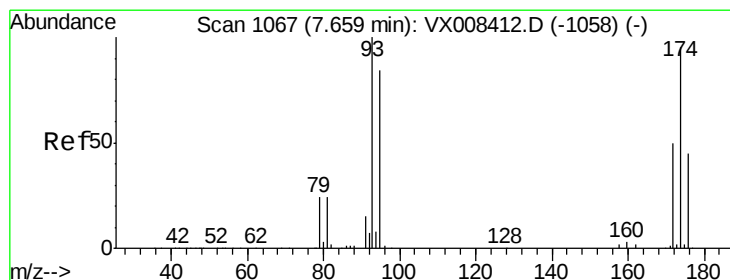
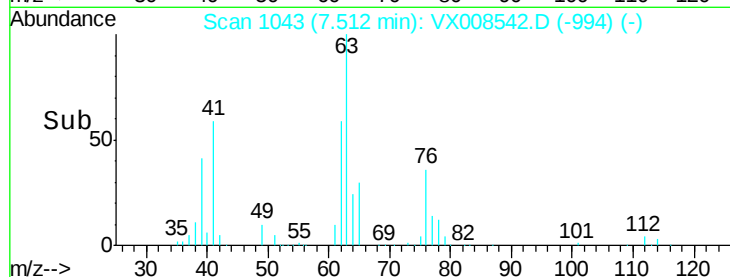
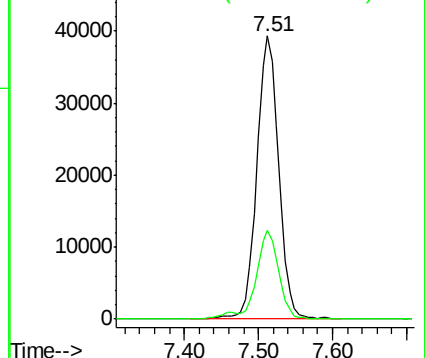
63 100

65 31.2 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.834 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

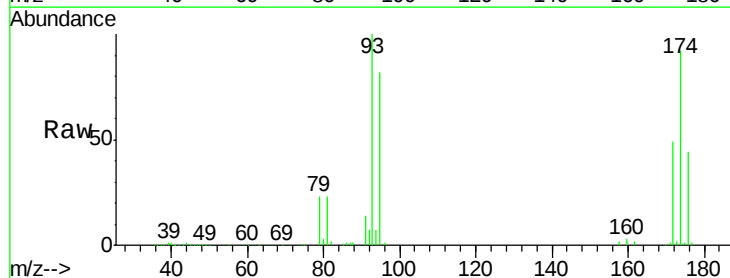
Tgt Ion: 93 Resp: 46525

Ion Ratio Lower Upper

93 100

95 82.2 67.0 100.6

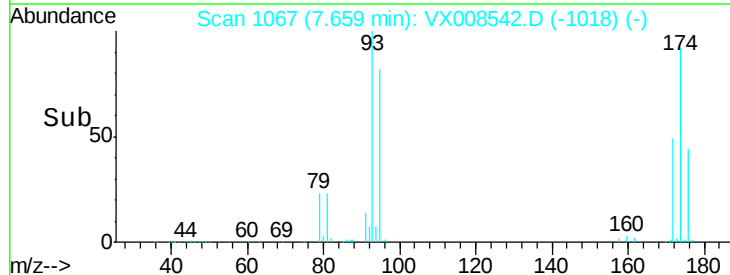
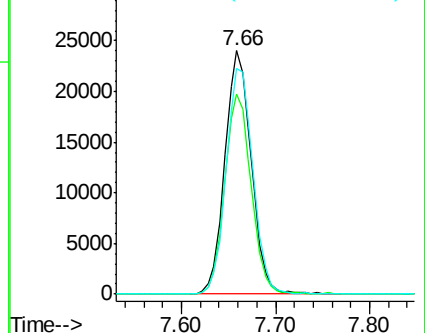
174 94.3 76.0 114.0

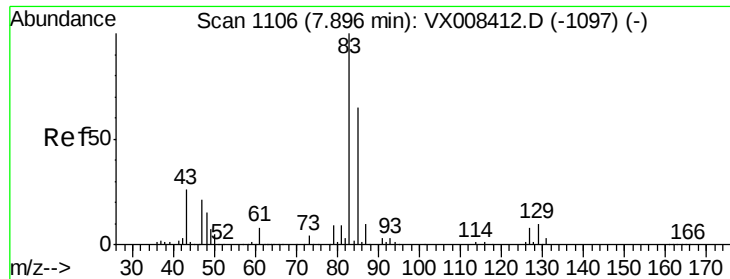


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.386 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

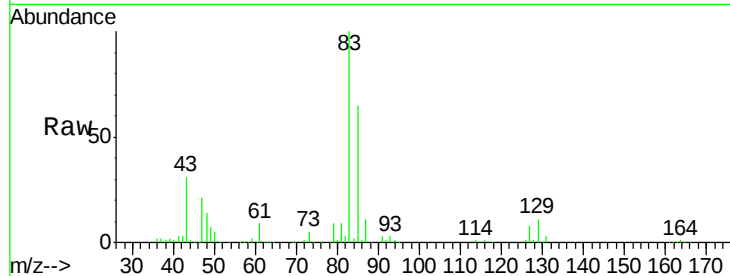
Tgt Ion: 83 Resp: 91305

Ion Ratio Lower Upper

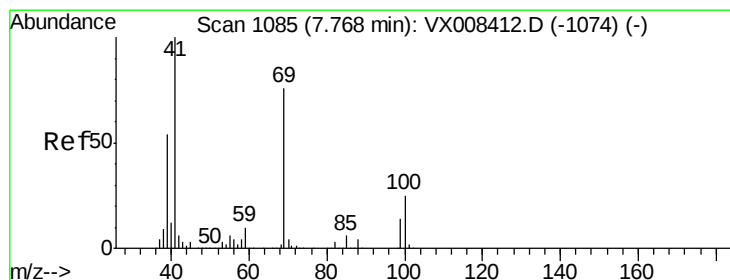
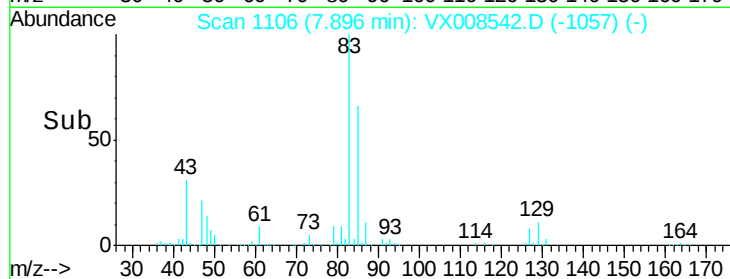
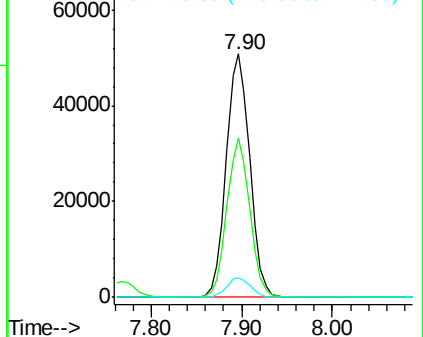
83 100

85 65.3 52.0 78.0

127 7.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 23.077 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

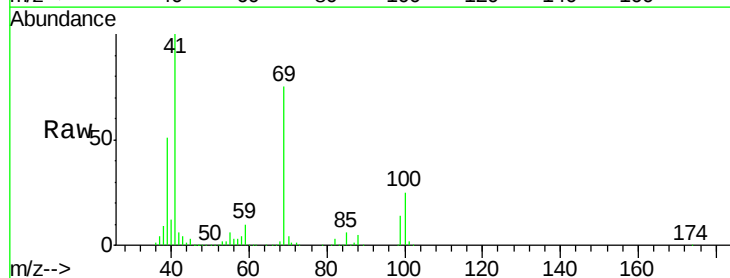
Tgt Ion: 41 Resp: 102602

Ion Ratio Lower Upper

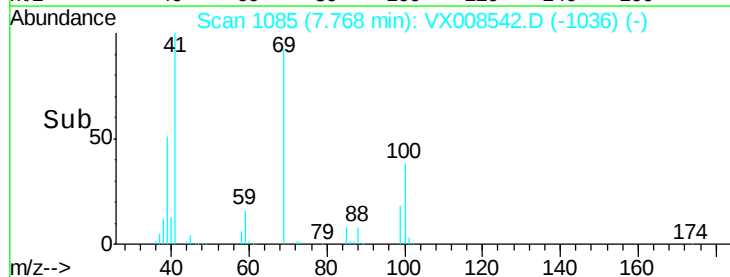
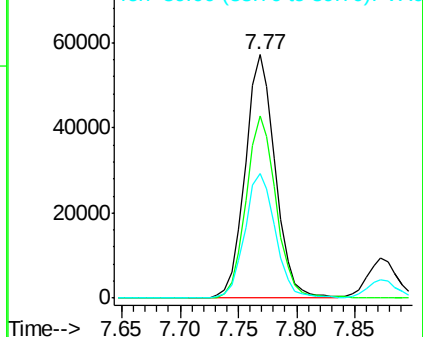
41 100

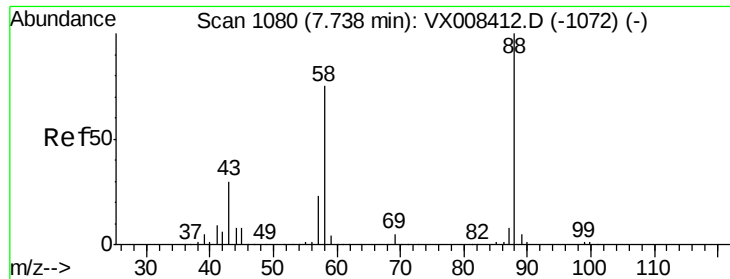
69 75.3 60.8 91.2

39 52.0 42.3 63.5



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

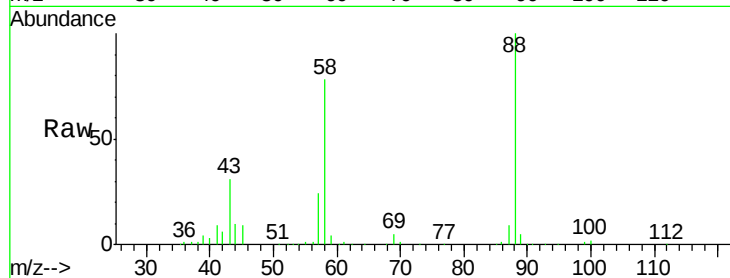




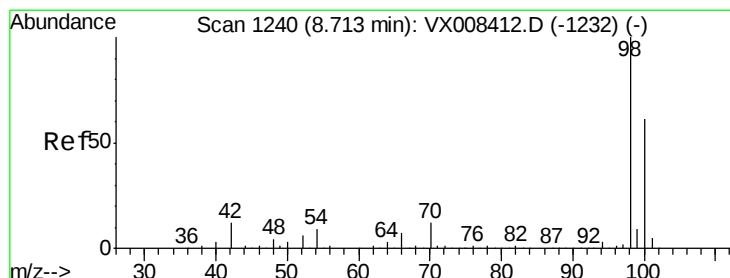
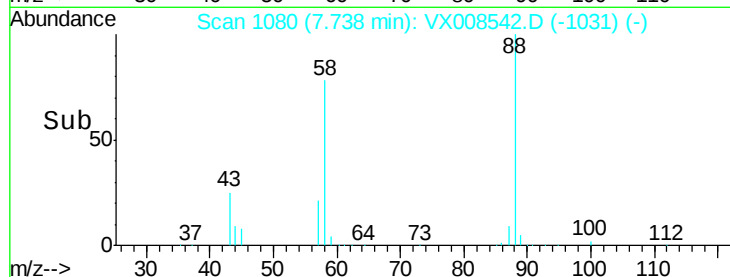
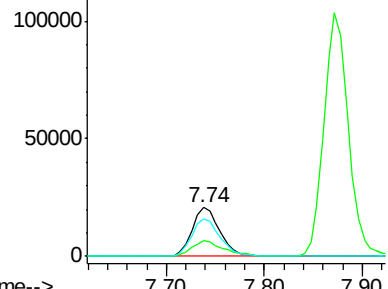
#49
1,4-Dioxane
Concen: 466.463 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Instrument :
MSVOA_X
ClientSampled :
VX0329WBS02

Tgt Ion:	88	Resp:	41237
Ion	Ratio	Lower	Upper
88	100		
43	35.8	28.6	43.0
58	79.5	63.0	94.4

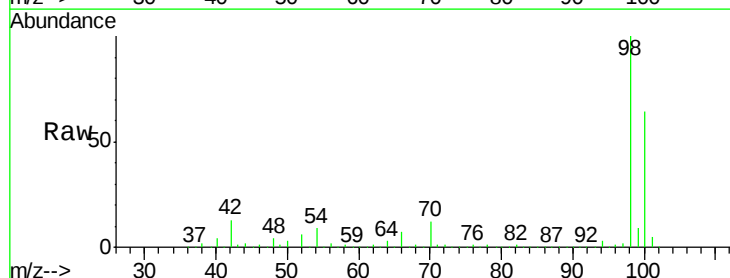


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

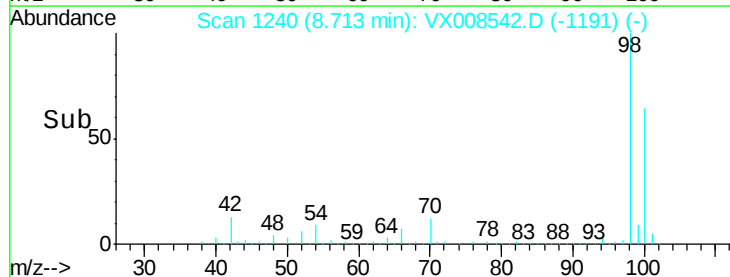
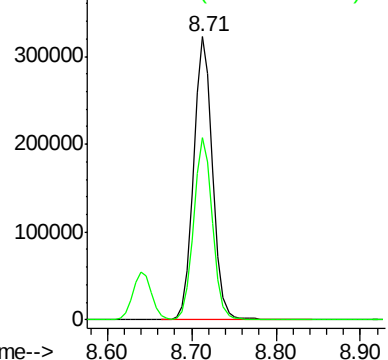


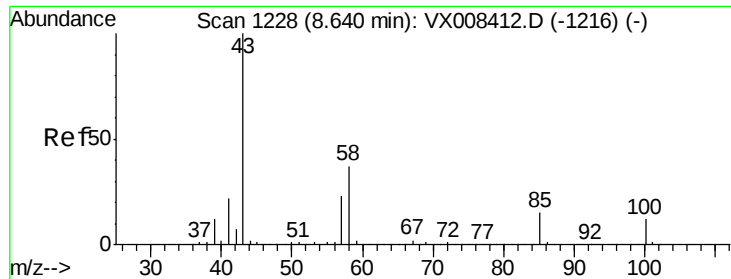
#50
Toluene-d8
Concen: 47.790 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion:	98	Resp:	501137
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 118.345 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

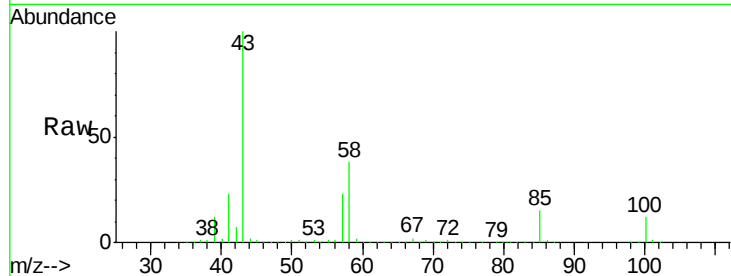
VX0329WBS02

Tgt Ion: 43 Resp: 683015

Ion Ratio Lower Upper

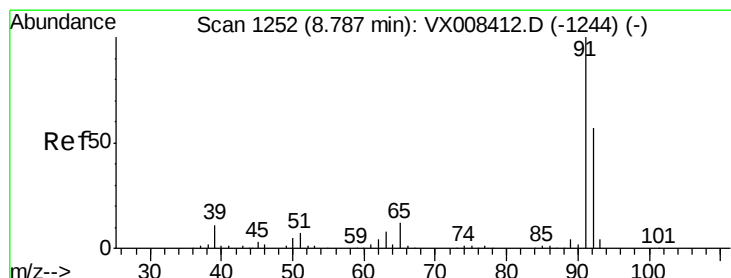
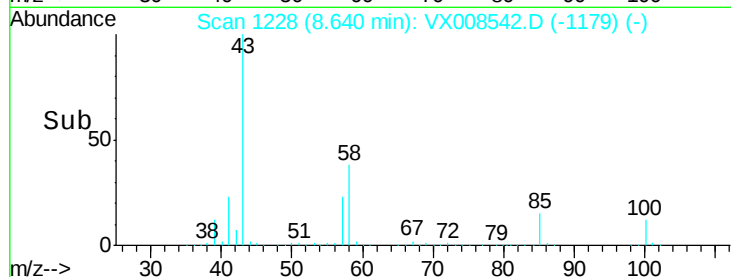
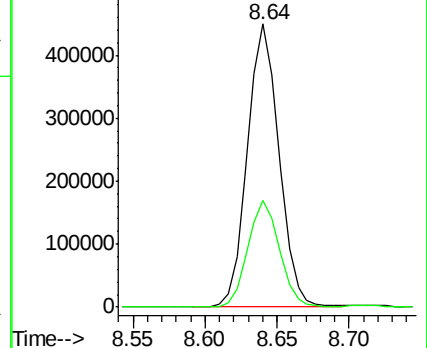
43 100

58 37.4 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 22.070 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008542.D

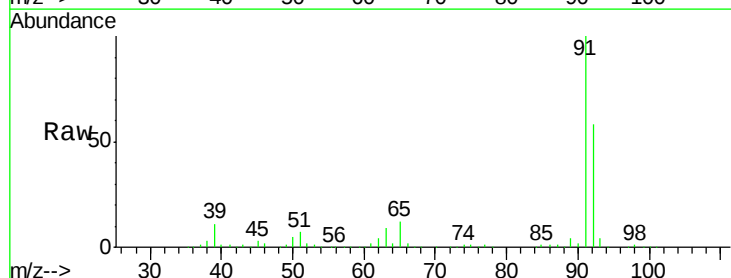
Acq: 29 Mar 2019 14:40

Tgt Ion: 92 Resp: 169411

Ion Ratio Lower Upper

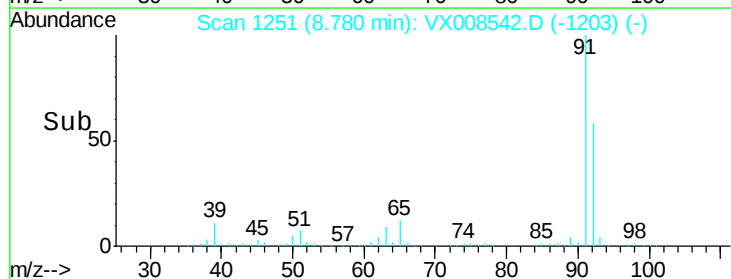
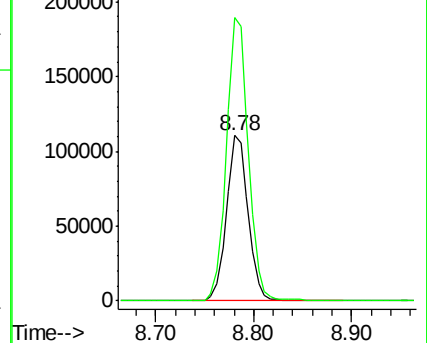
92 100

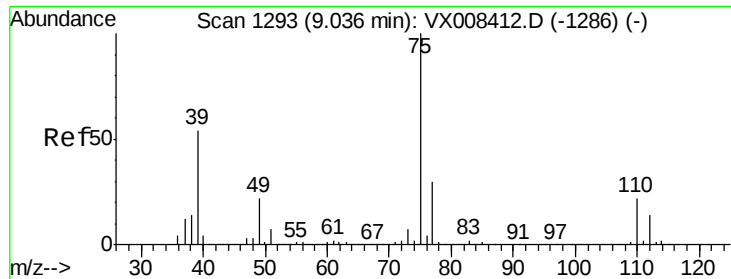
91 174.0 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

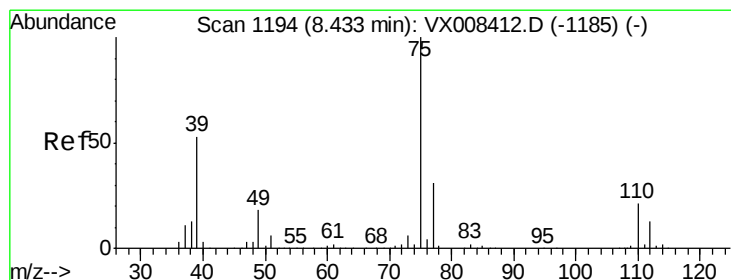
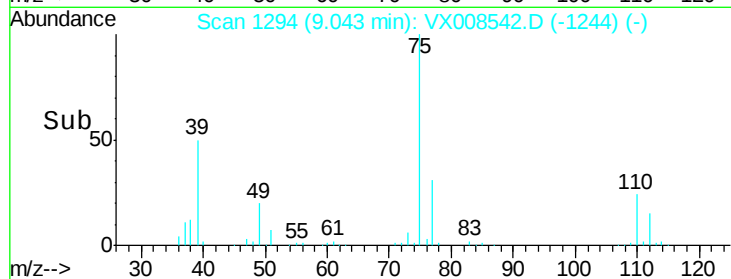
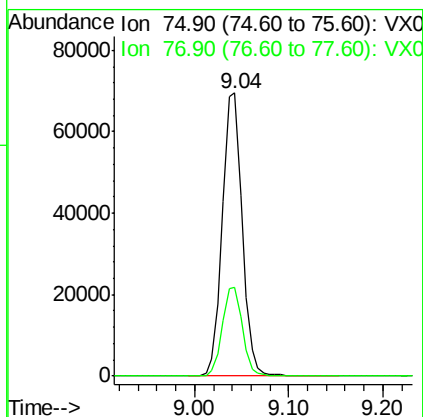
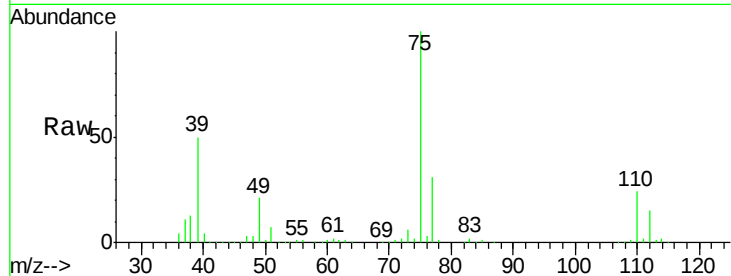




#53
 t-1,3-Dichloropropene
 Concen: 22.860 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

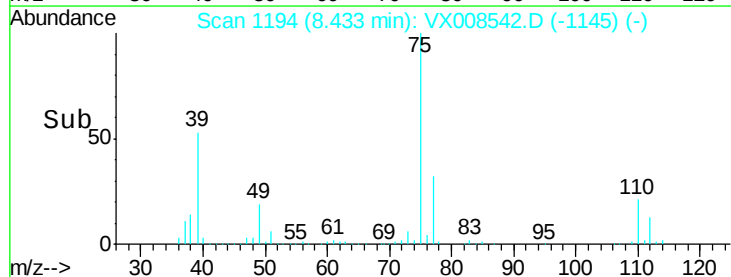
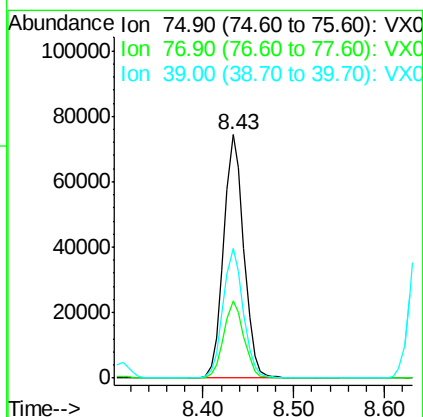
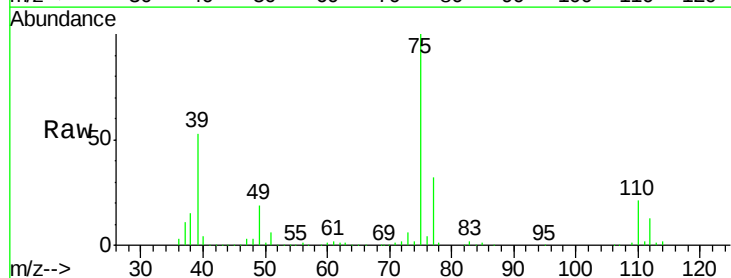
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

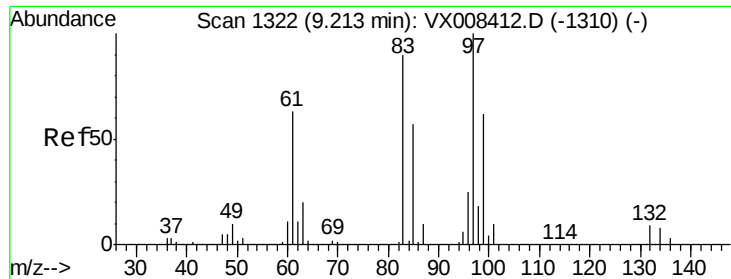
Tgt Ion: 75 Resp: 102124
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 22.774 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

Tgt Ion: 75 Resp: 115688
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.7 37.1
 39 53.1 42.4 63.6

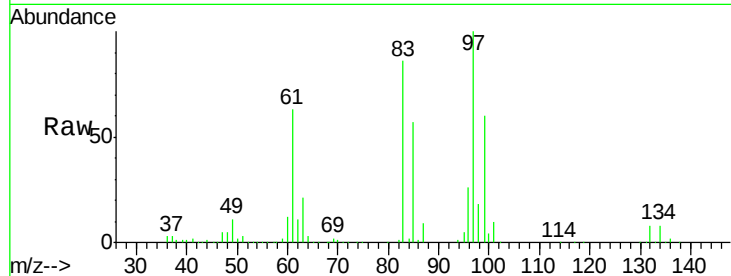




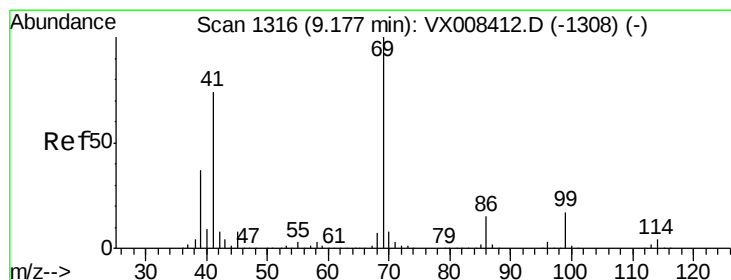
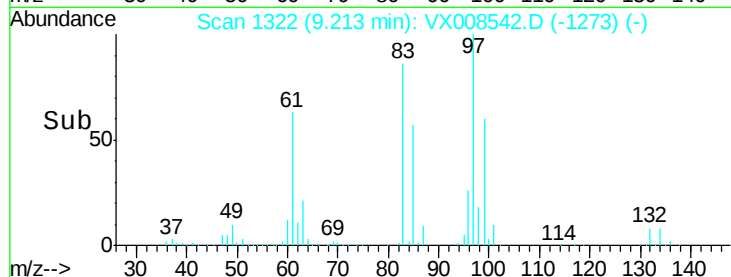
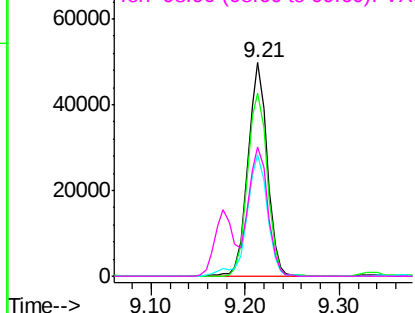
#55
 1,1,2-Trichloroethane
 Concen: 22.606 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

Tgt Ion: 97 Resp: 70638
 Ion Ratio Lower Upper
 97 100
 83 85.9 71.8 107.6
 85 56.9 45.9 68.9
 99 60.5 49.4 74.0

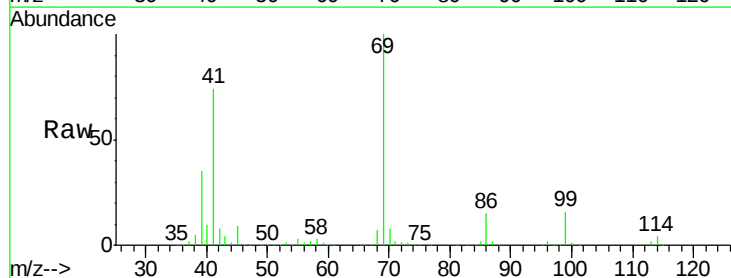


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

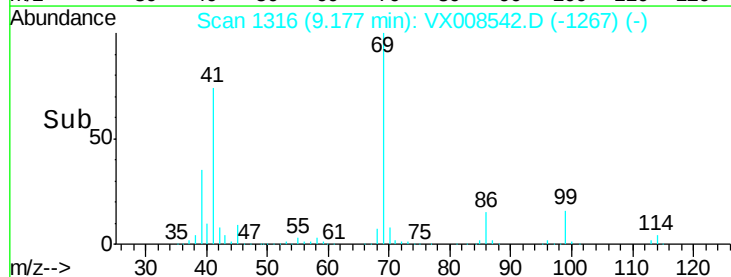
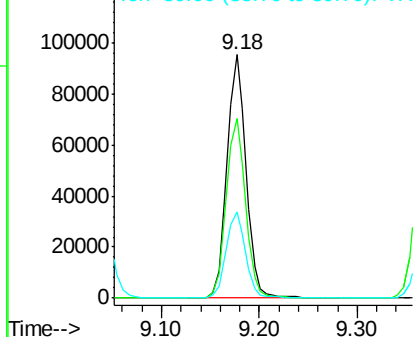


#56
 Ethyl methacrylate
 Concen: 23.015 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

Tgt Ion: 69 Resp: 129811
 Ion Ratio Lower Upper
 69 100
 41 74.8 59.5 89.3
 39 35.7 29.3 43.9



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

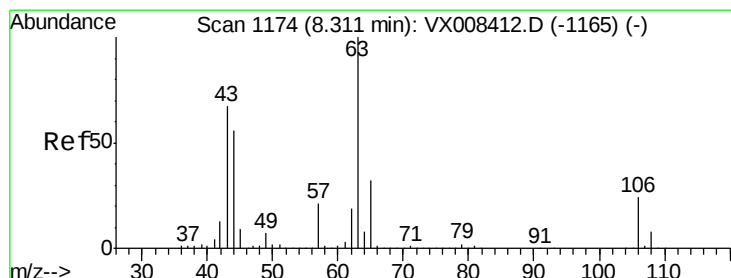
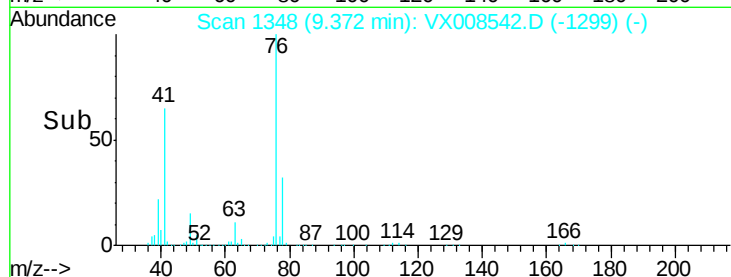
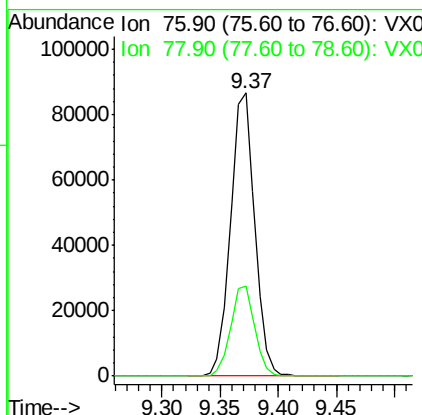
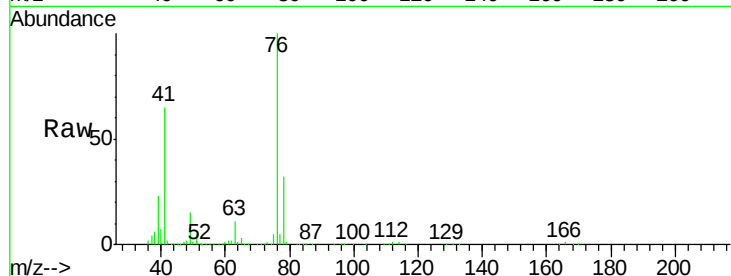




#57
 1,3-Dichloropropane
 Concen: 22.420 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

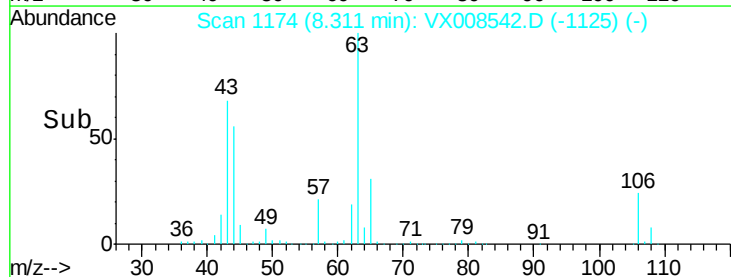
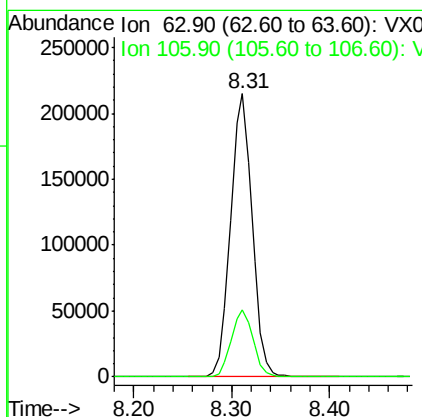
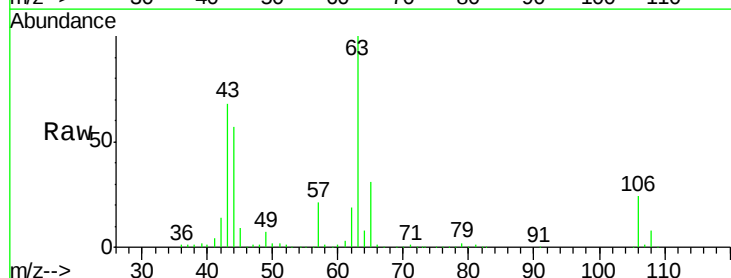
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

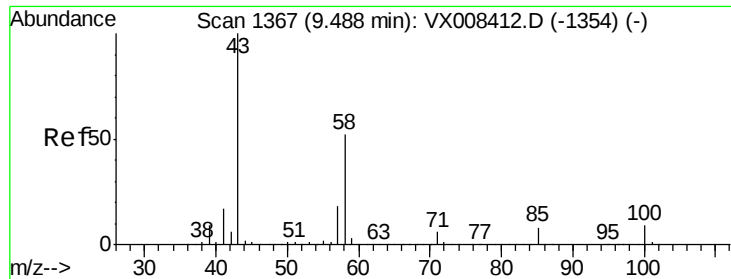
Tgt Ion: 76 Resp: 125607
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.018 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

Tgt Ion: 63 Resp: 329517
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.0 28.6

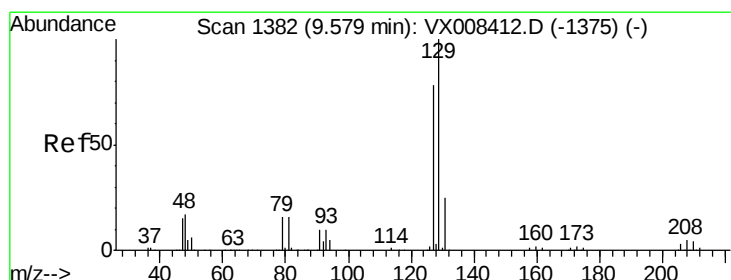
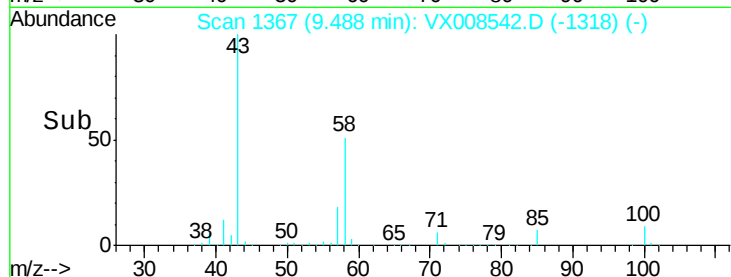
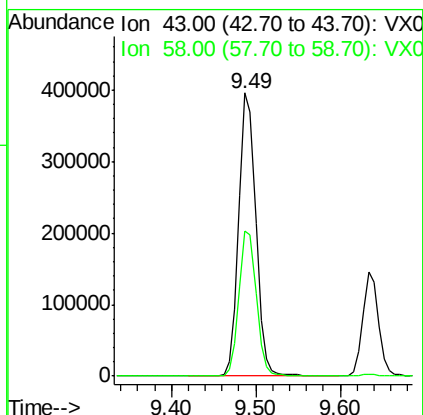
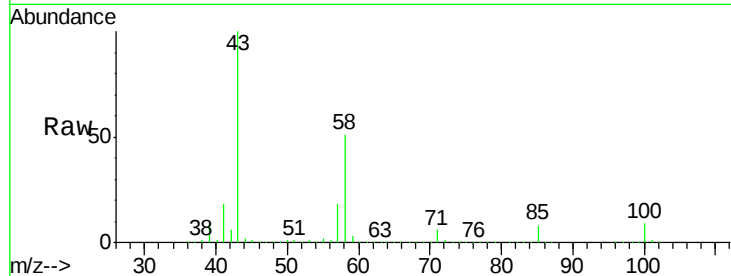




#59
2-Hexanone
Concen: 121.006 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

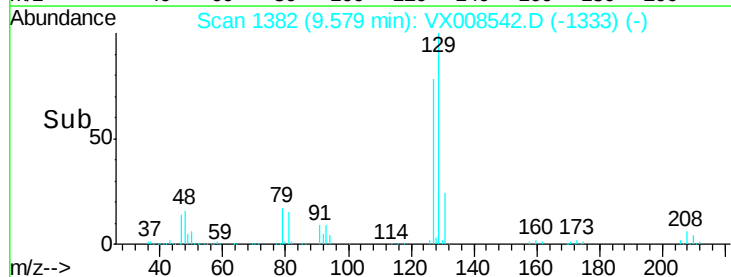
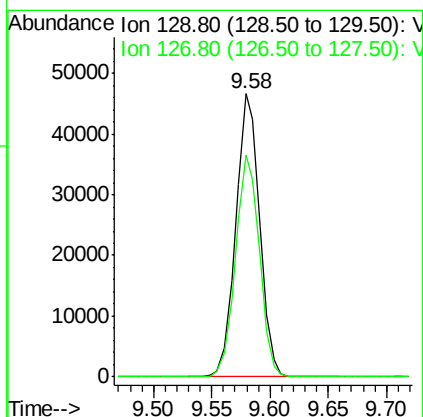
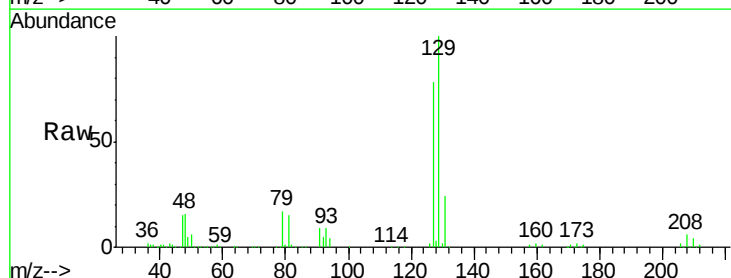
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

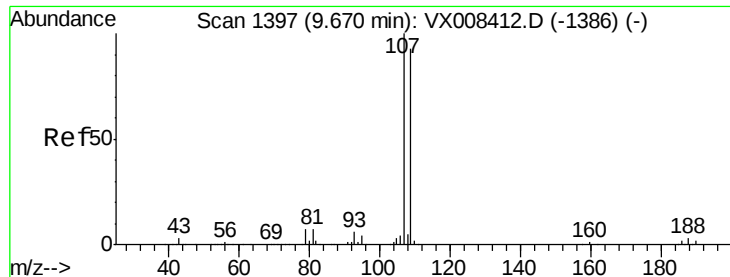
Tgt Ion: 43 Resp: 541140
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9



#60
Dibromochloromethane
Concen: 22.365 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion: 129 Resp: 66460
Ion Ratio Lower Upper
129 100
127 78.7 38.1 114.3





#61

1,2-Dibromoethane

Concen: 22.312 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

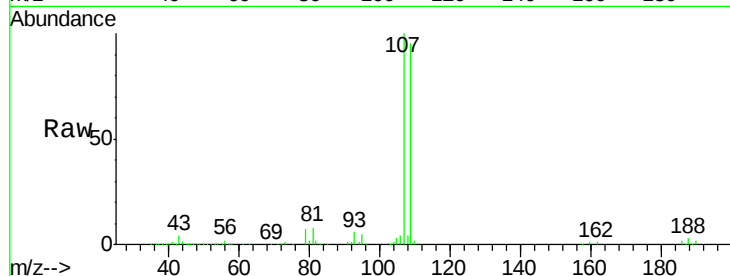
VX0329WBS02

Tgt Ion: 107 Resp: 71151

Ion Ratio Lower Upper

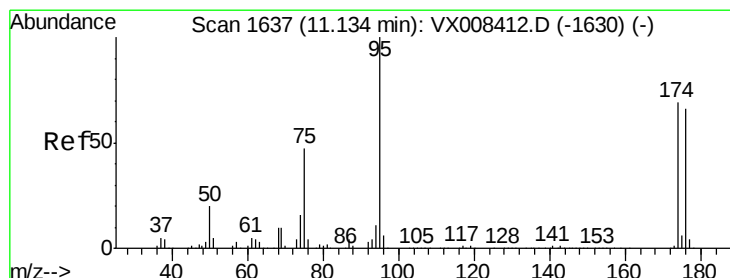
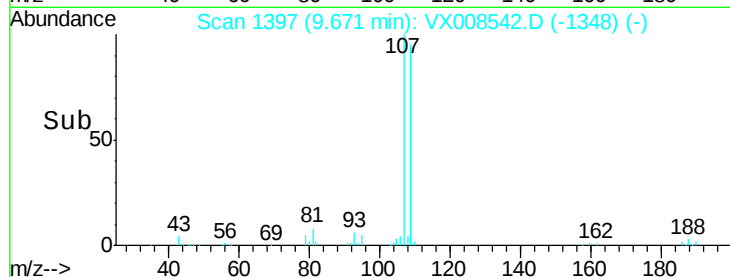
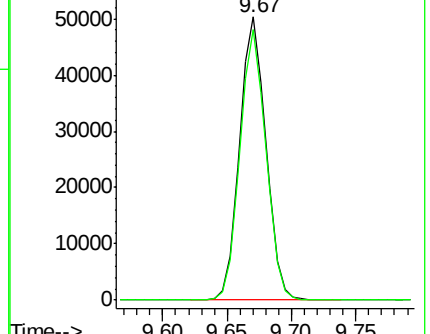
107 100

109 94.7 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.538 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

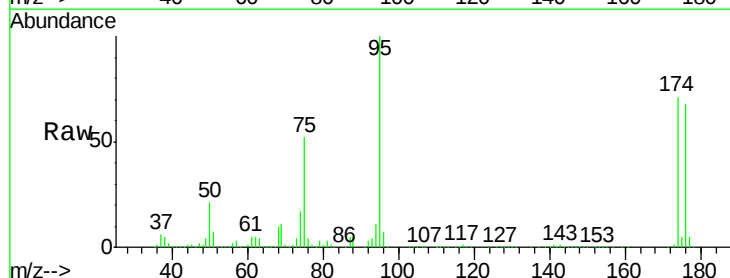
Tgt Ion: 95 Resp: 184724

Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.2

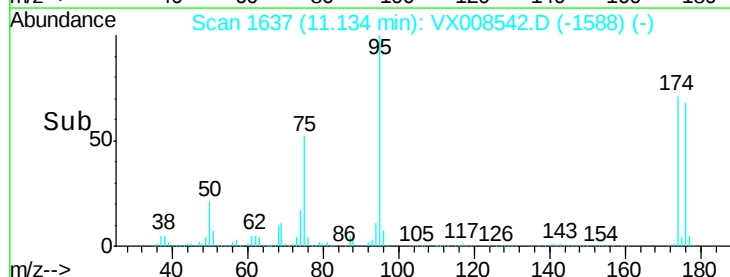
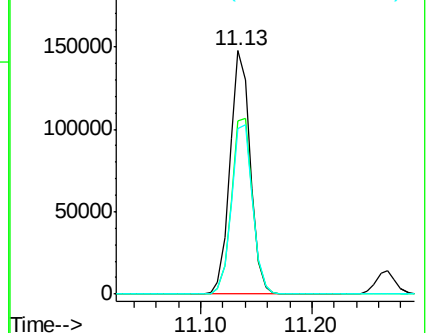
176 72.7 0.0 142.4

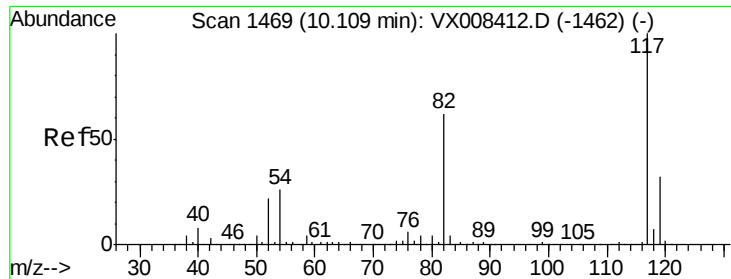


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

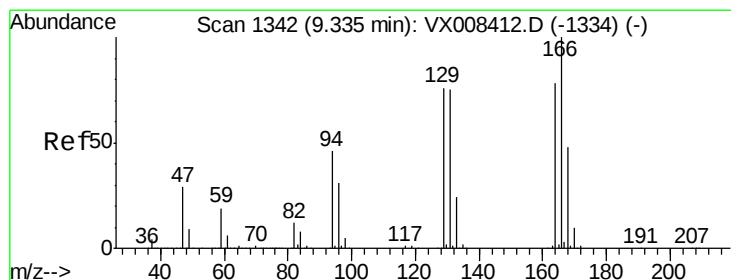
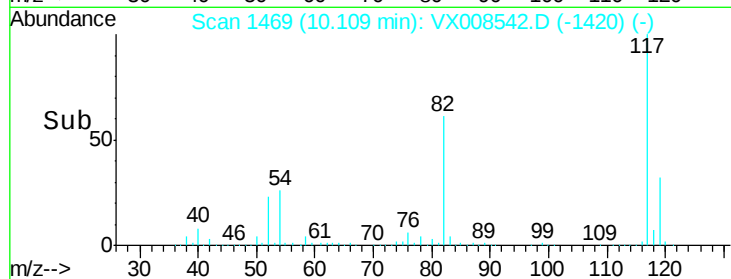
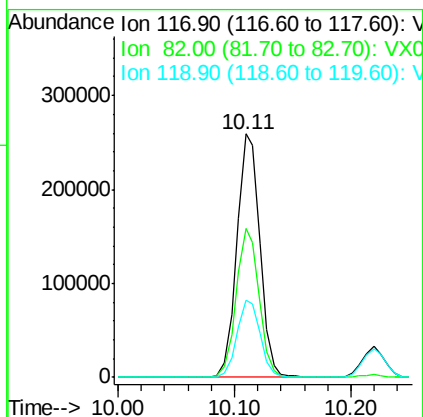
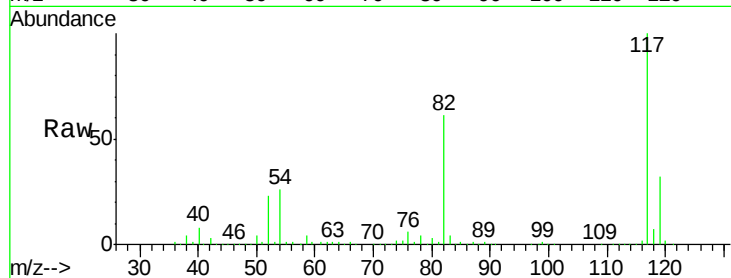




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

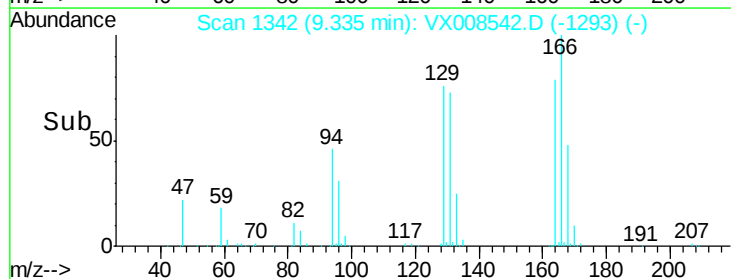
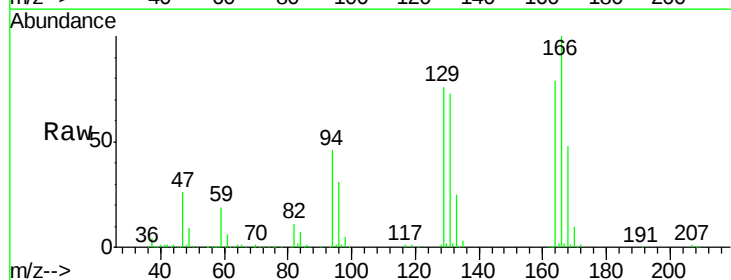
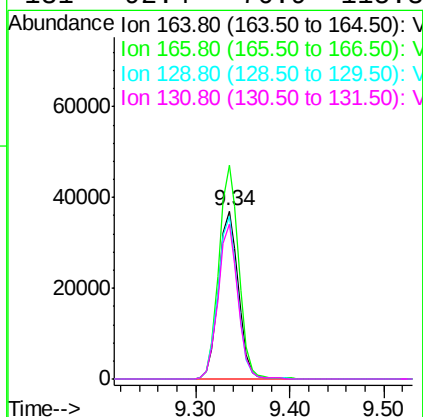
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

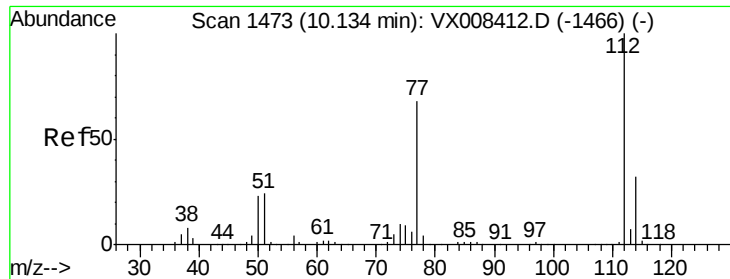
Tgt Ion:117 Resp: 358369
Ion Ratio Lower Upper
117 100
82 61.4 49.4 74.2
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 22.409 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion:164 Resp: 54368
Ion Ratio Lower Upper
164 100
166 126.9 102.5 153.7
129 96.9 77.8 116.8
131 92.4 76.9 115.3

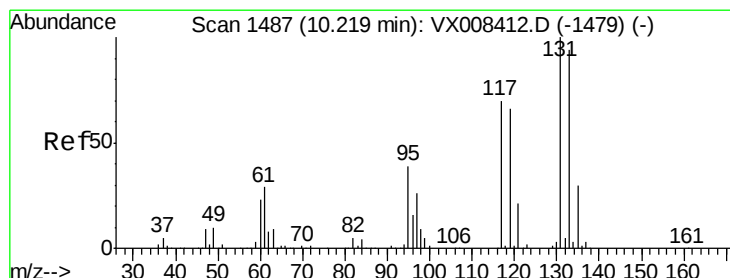
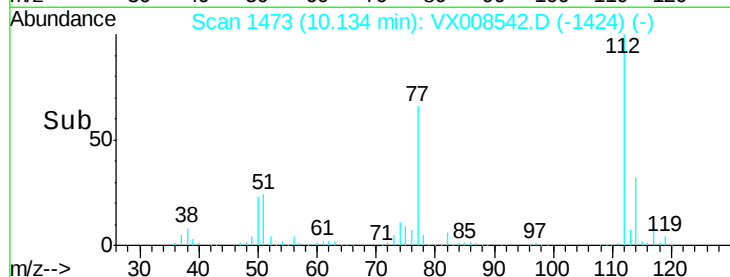
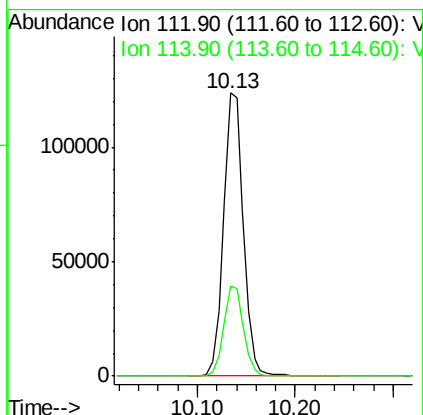
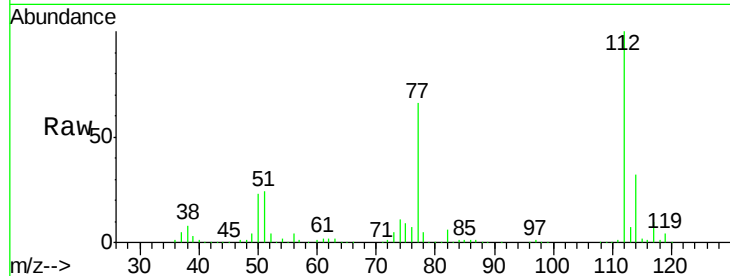




#65
Chlorobenzene
Concen: 22.179 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

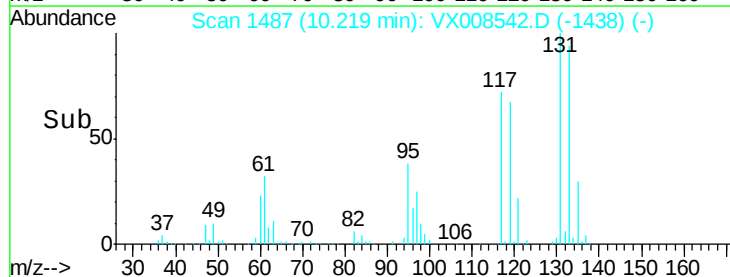
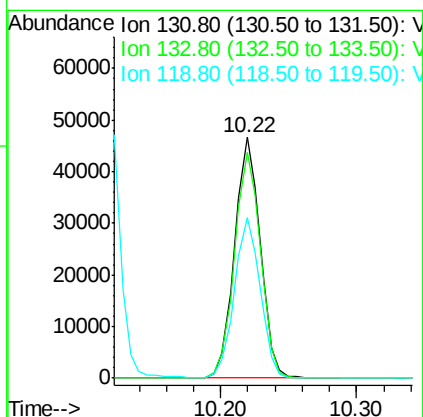
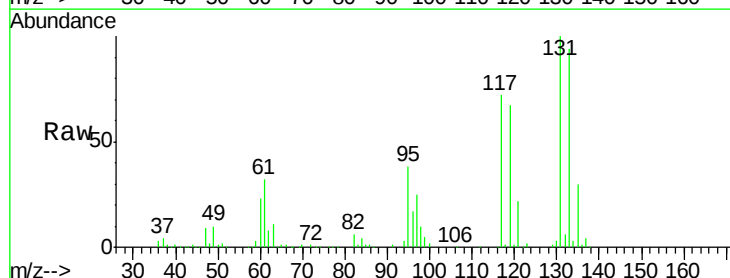
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

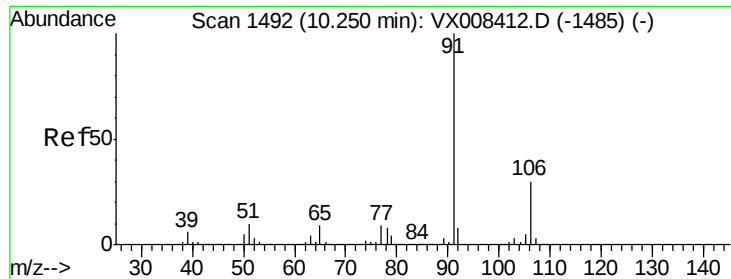
Tgt Ion:112 Resp: 172854
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 22.758 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion:131 Resp: 61192
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 67.3 33.6 100.6





#67

Ethyl Benzene

Concen: 21.964 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

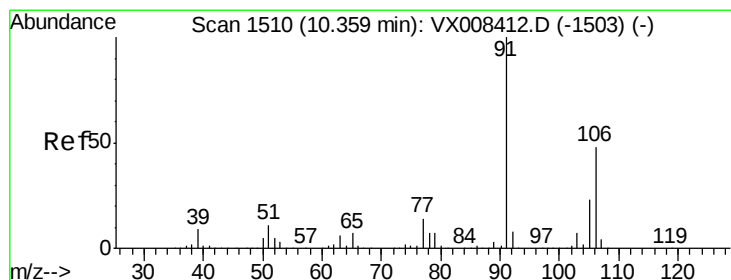
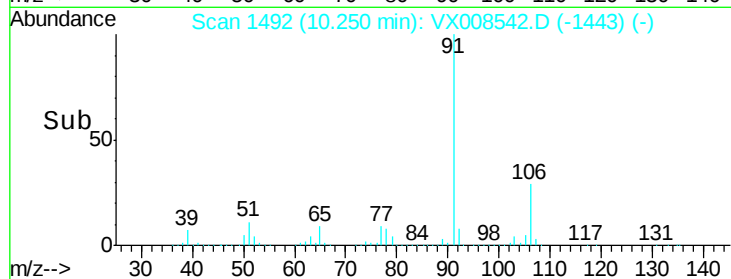
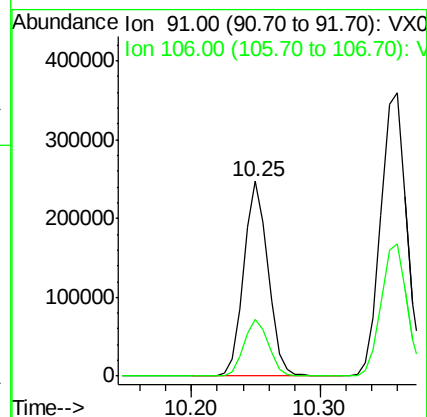
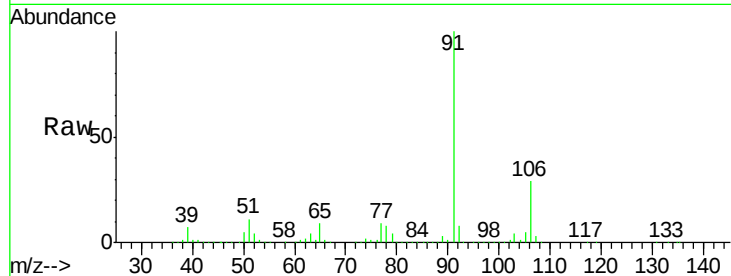
VX0329WBS02

Tgt Ion: 91 Resp: 323050

Ion Ratio Lower Upper

91 100

106 29.4 24.0 36.0



#68

m/p-Xylenes

Concen: 43.567 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008542.D

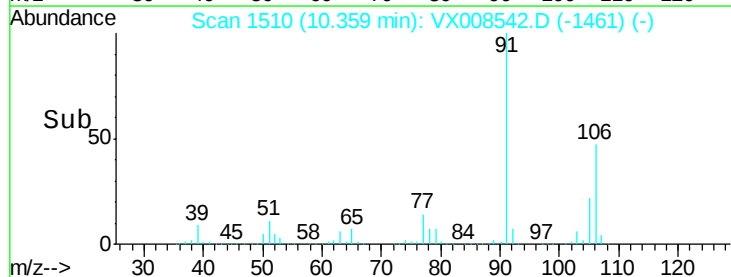
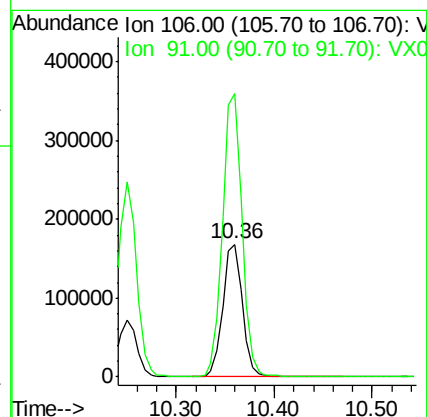
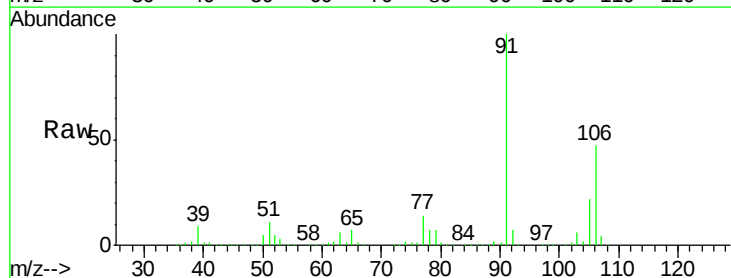
Acq: 29 Mar 2019 14:40

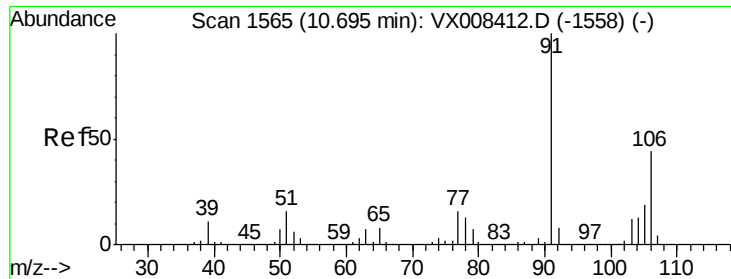
Tgt Ion: 106 Resp: 233124

Ion Ratio Lower Upper

106 100

91 213.2 168.6 253.0

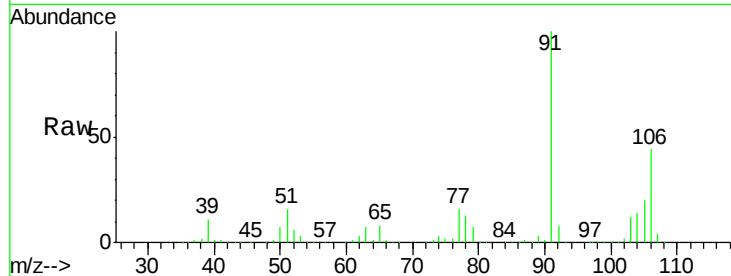




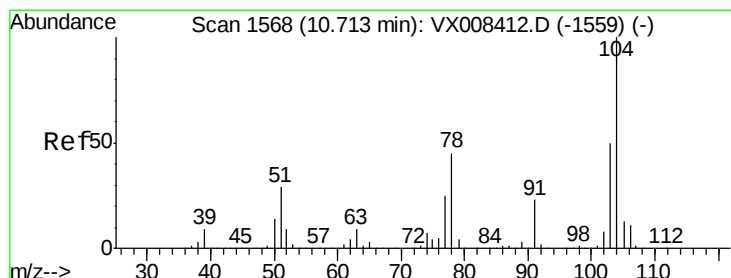
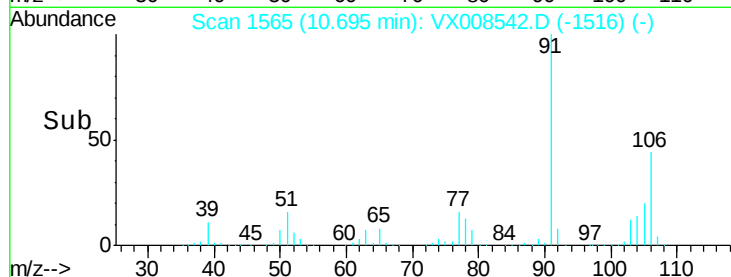
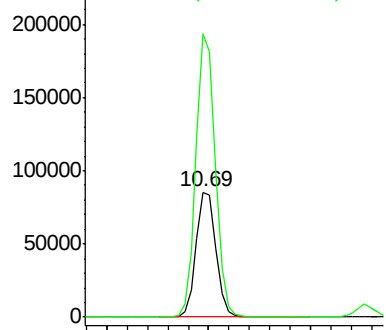
#69
o-Xylene
Concen: 22.226 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

Tgt Ion:106 Resp: 115414
Ion Ratio Lower Upper
106 100
91 221.3 111.4 334.2

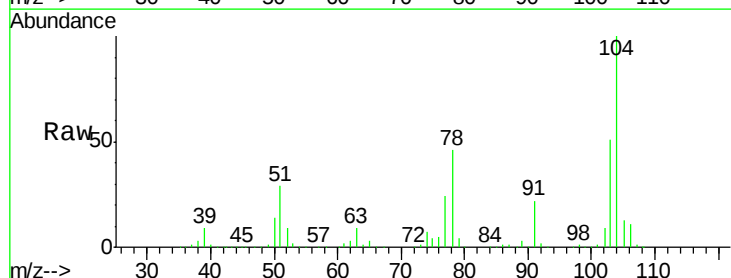


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

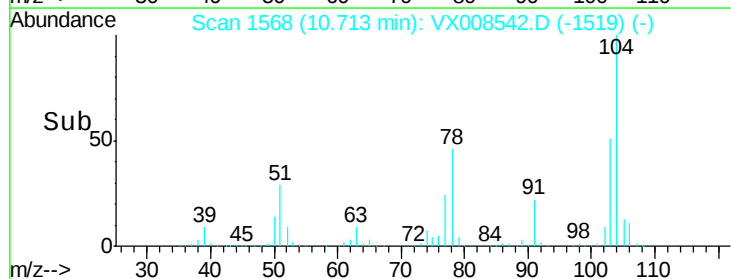
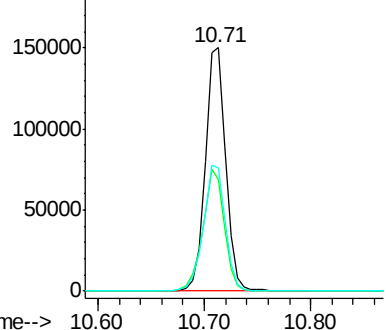


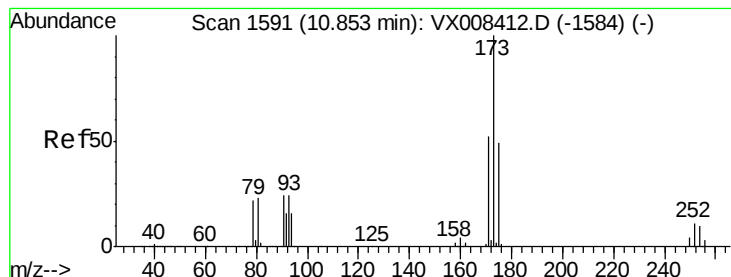
#70
Styrene
Concen: 22.432 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion:104 Resp: 201208
Ion Ratio Lower Upper
104 100
78 53.0 42.5 63.7
103 55.9 44.2 66.4



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





#71

Bromoform

Concen: 22.373 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

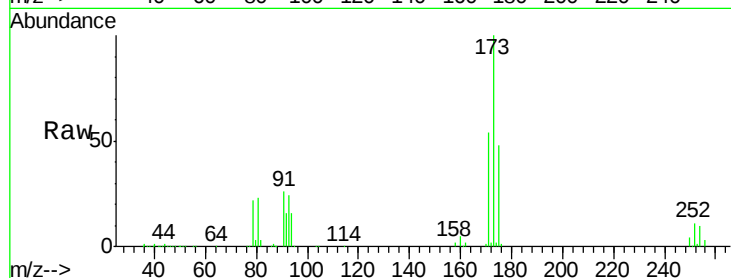
Tgt Ion:173 Resp: 47508

Ion Ratio Lower Upper

173 100

175 49.4 24.3 72.8

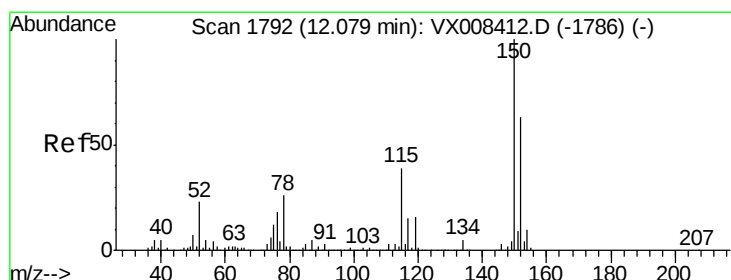
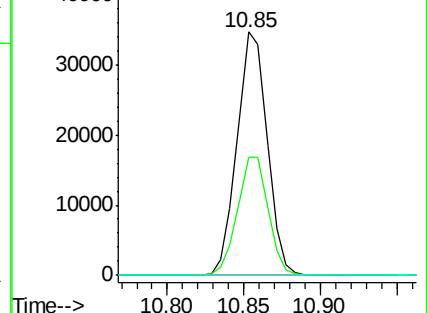
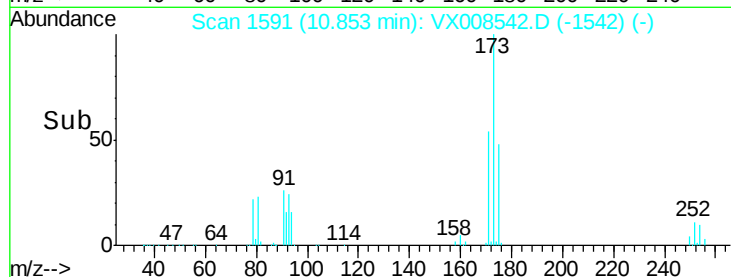
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

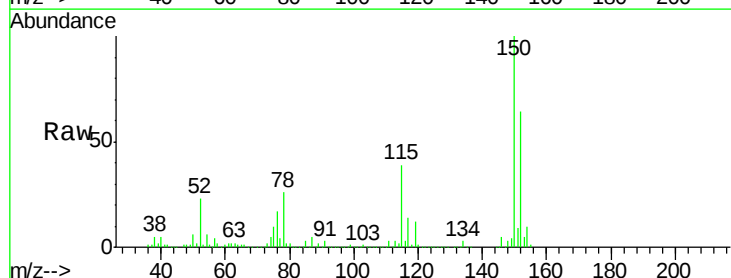
Tgt Ion:152 Resp: 169783

Ion Ratio Lower Upper

152 100

115 72.1 43.5 130.5

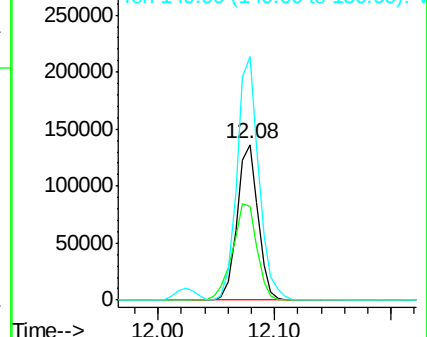
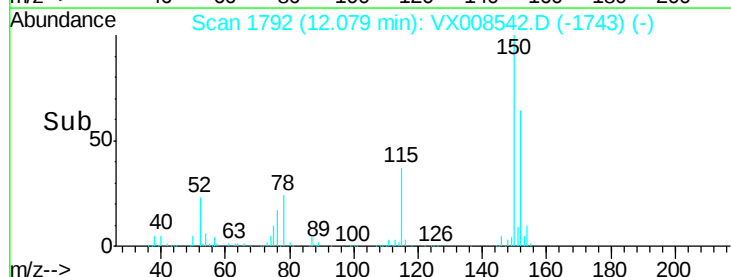
150 163.8 0.0 348.8

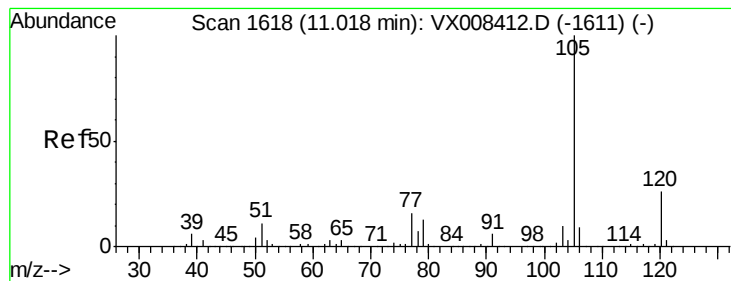


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.081 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampled :

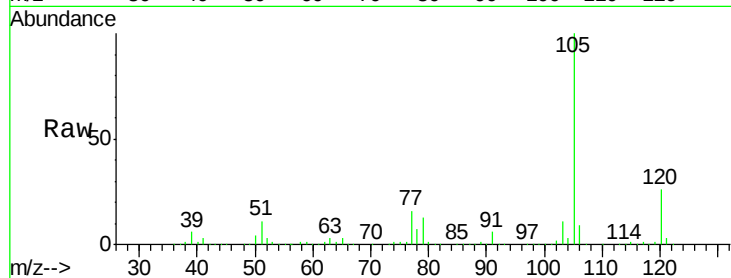
VX0329WBS02

Tgt Ion: 105 Resp: 305003

Ion Ratio Lower Upper

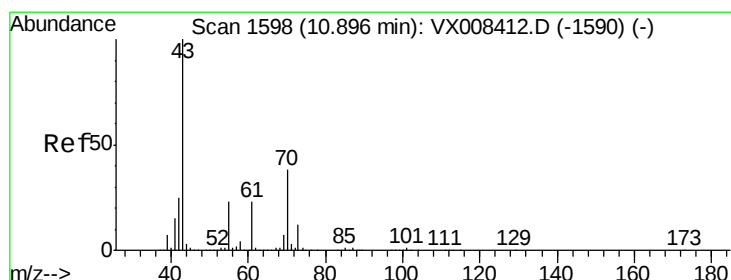
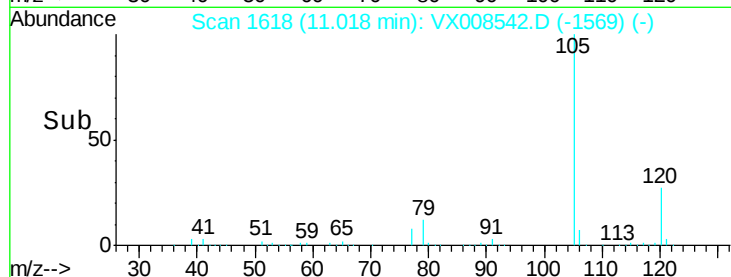
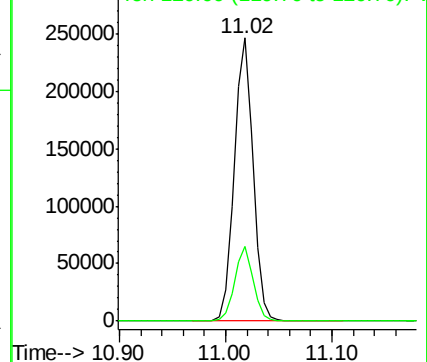
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.196 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Tgt Ion: 43 Resp: 185450

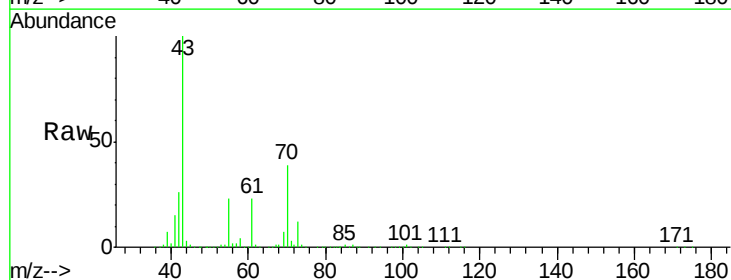
Ion Ratio Lower Upper

43 100

70 38.4 30.5 45.7

55 22.8 18.2 27.2

61 22.8 18.4 27.6

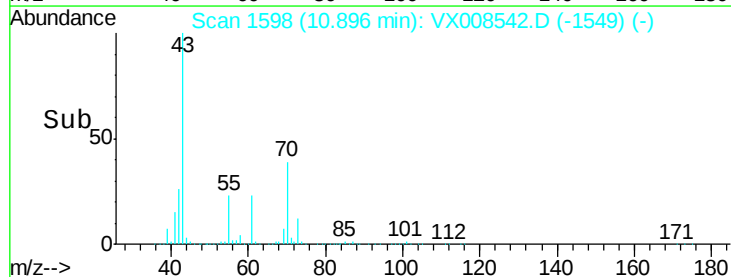
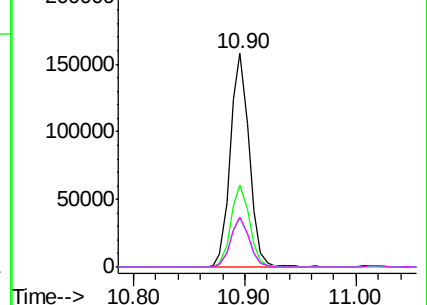


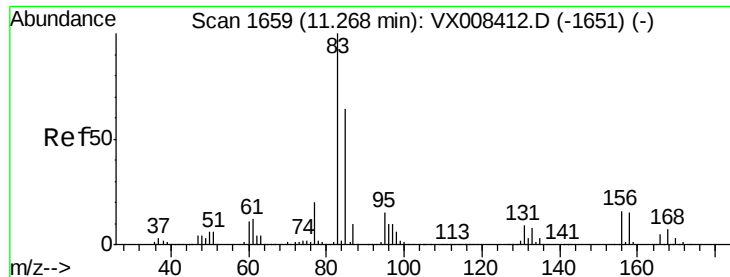
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.452 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

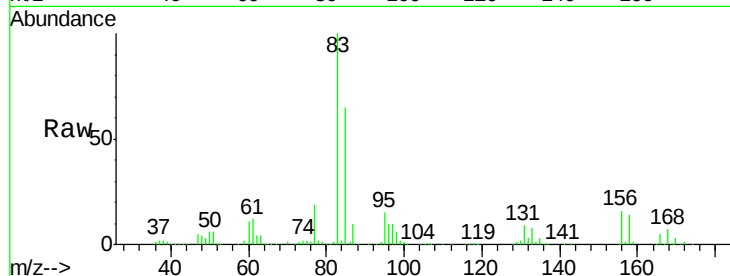
Tgt Ion: 83 Resp: 120328

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.4

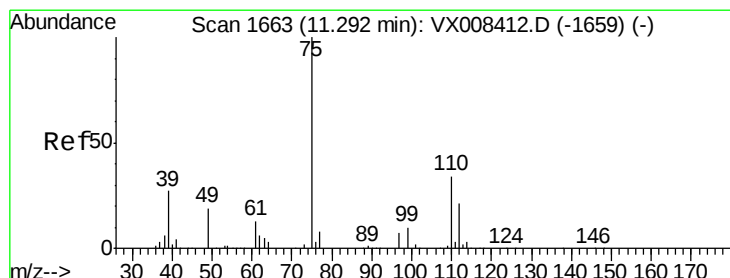
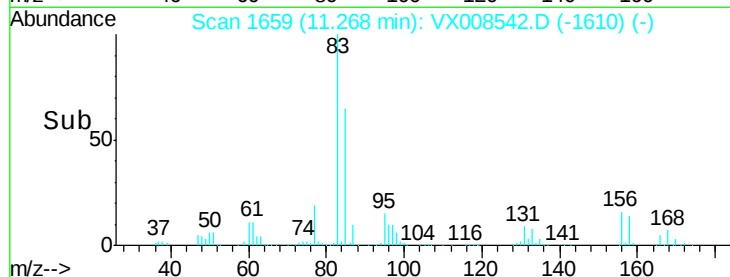
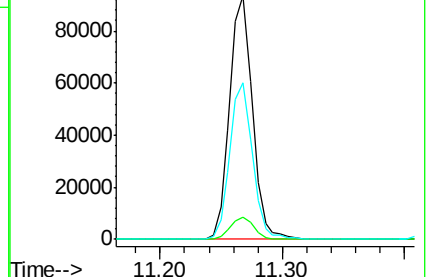
85 64.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.987 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008542.D

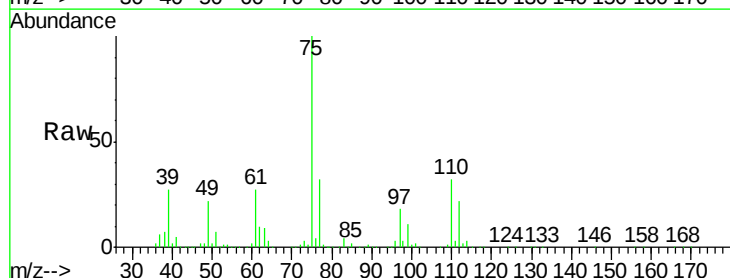
Acq: 29 Mar 2019 14:40

Tgt Ion: 75 Resp: 136217

Ion Ratio Lower Upper

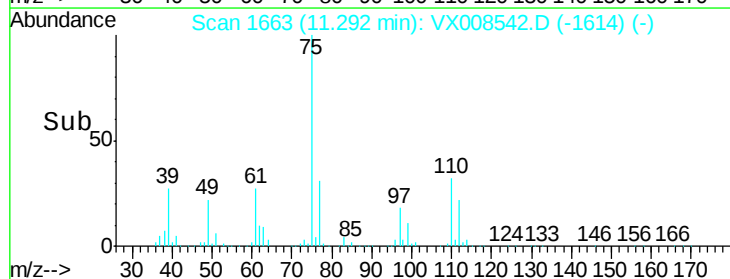
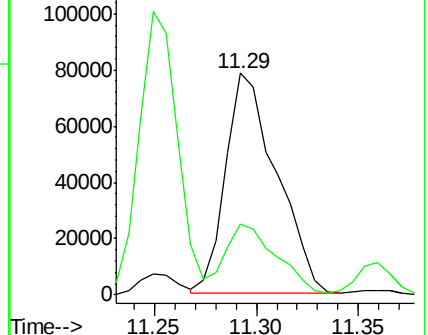
75 100

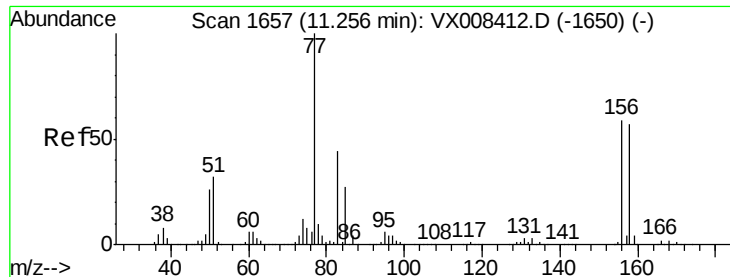
77 32.5 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.638 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampled :

VX0329WBS02

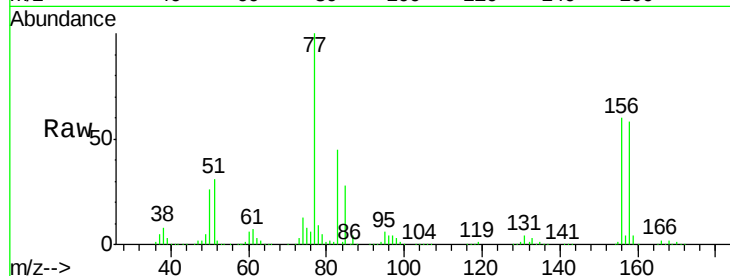
Tgt Ion:156 Resp: 72537

Ion Ratio Lower Upper

156 100

77 180.9 91.1 273.3

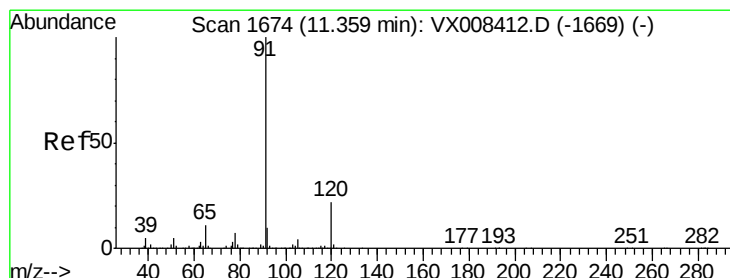
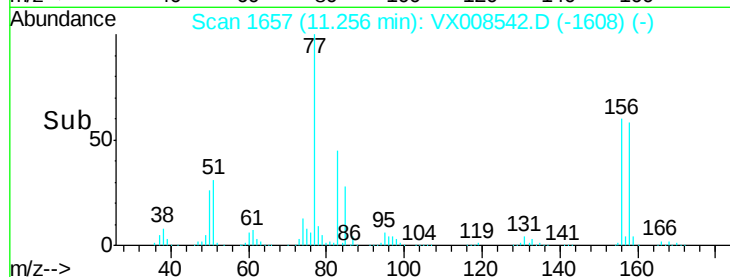
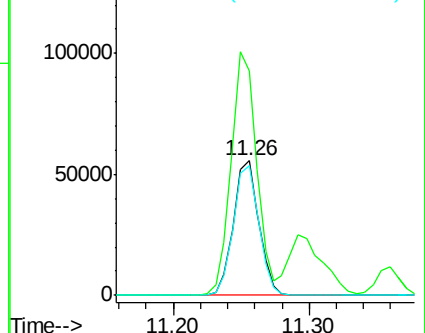
158 97.5 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.847 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008542.D

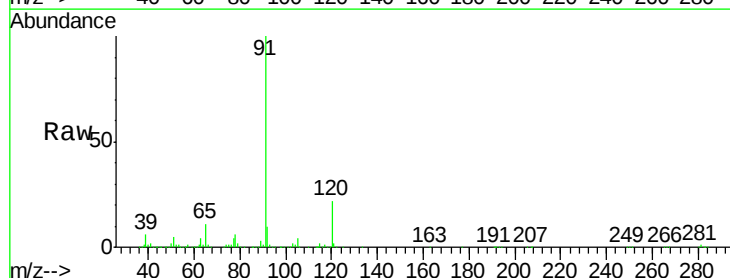
Acq: 29 Mar 2019 14:40

Tgt Ion: 91 Resp: 353503

Ion Ratio Lower Upper

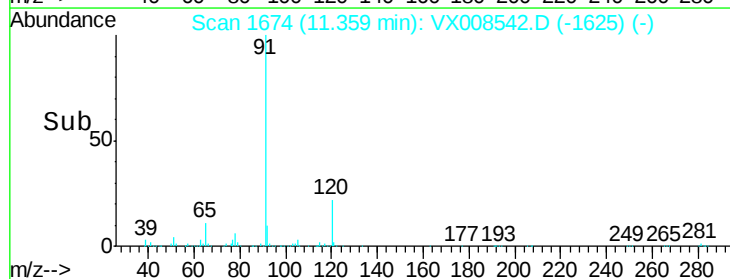
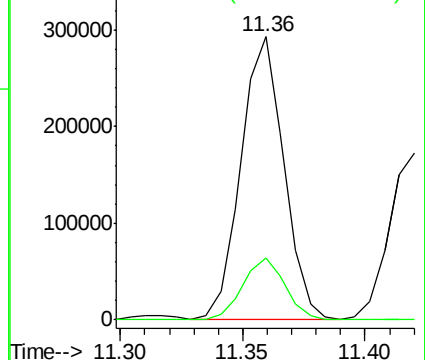
91 100

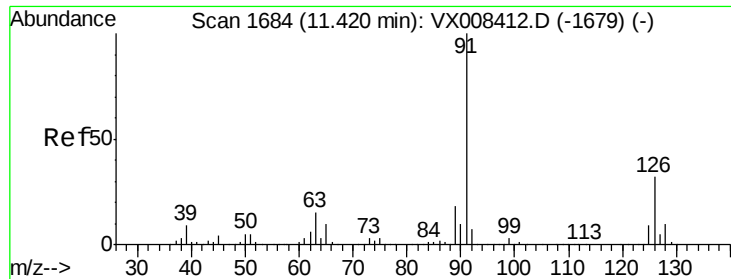
120 21.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

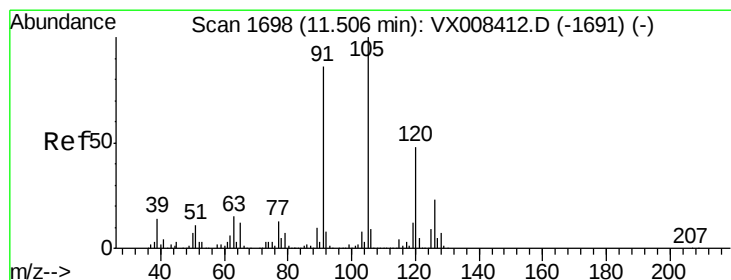
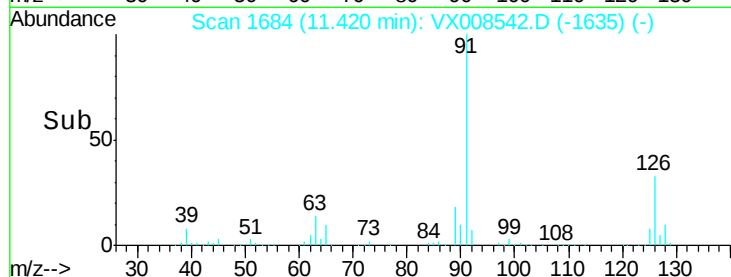
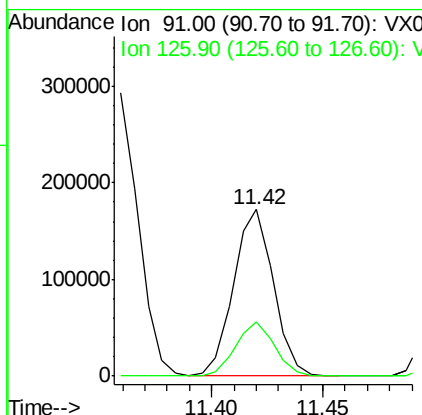
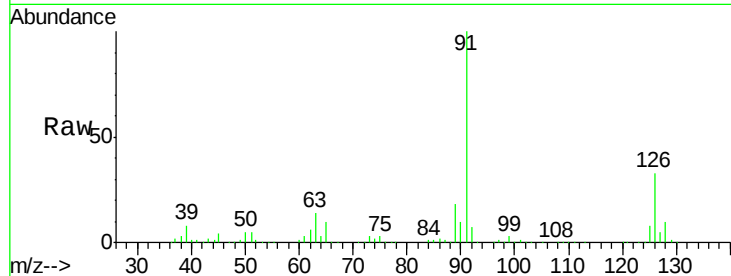




#79
 2-Chlorotoluene
 Concen: 21.739 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

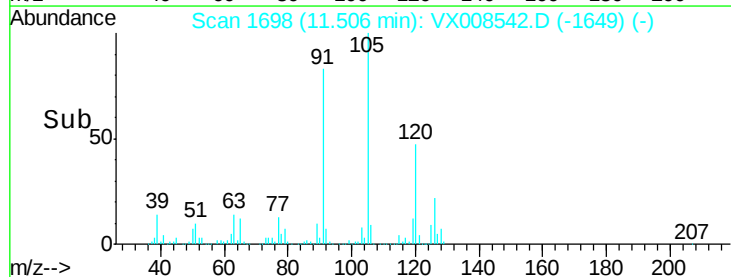
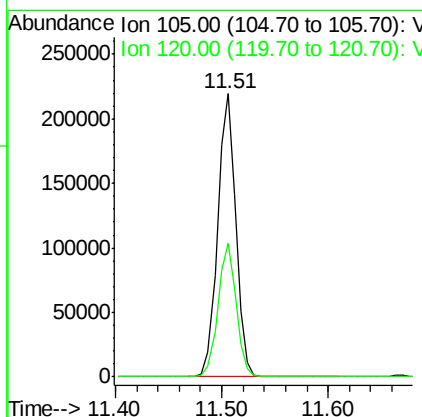
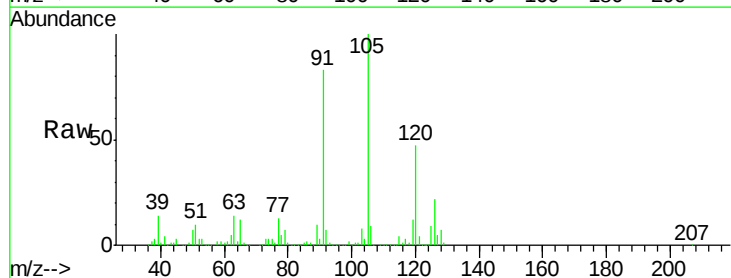
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

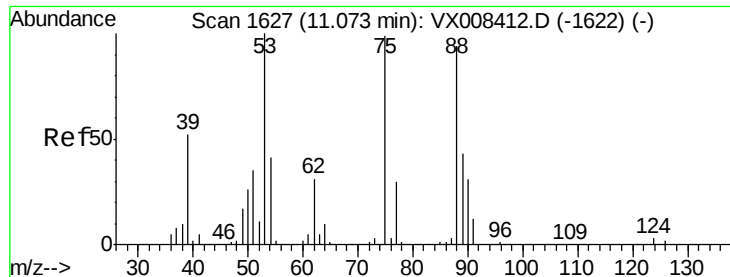
Tgt Ion: 91 Resp: 213944
 Ion Ratio Lower Upper
 91 100
 126 32.0 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 22.185 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

Tgt Ion: 105 Resp: 259061
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 23.580 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_X

ClientSampled :

VX0329WBS02

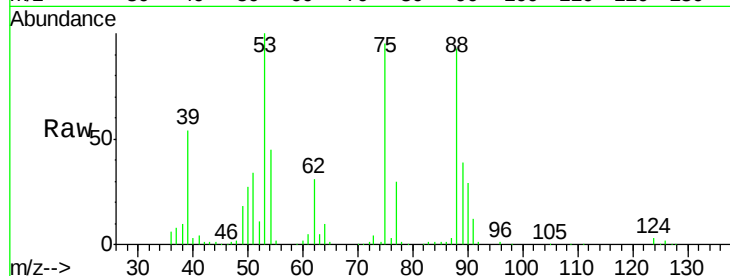
Tgt Ion: 75 Resp: 37161

Ion Ratio Lower Upper

75 100

53 107.8 82.1 123.1

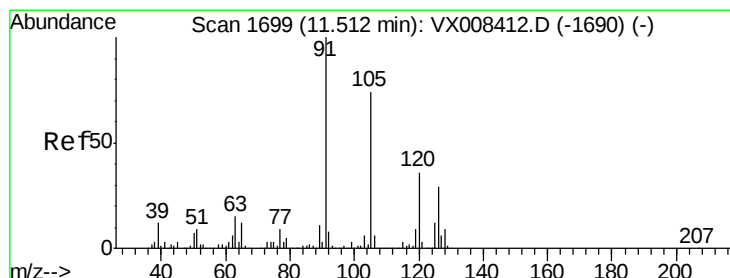
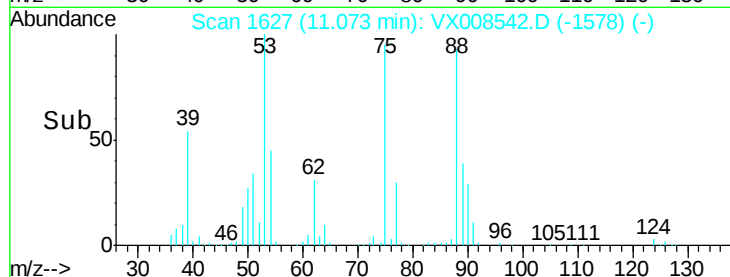
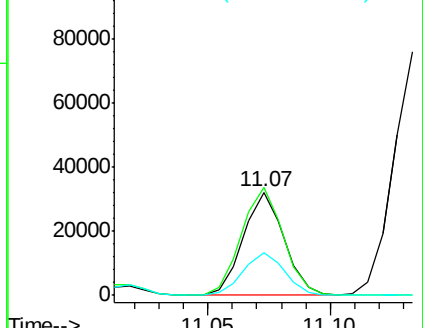
89 42.4 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.589 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008542.D

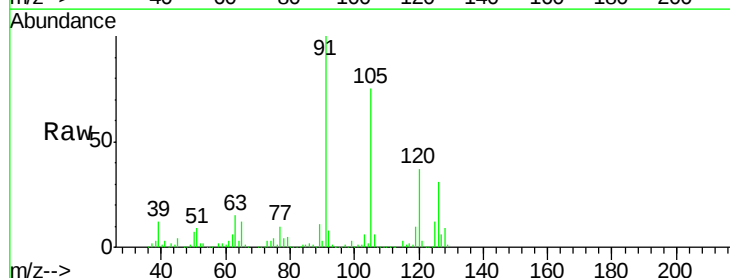
Acq: 29 Mar 2019 14:40

Tgt Ion: 91 Resp: 245085

Ion Ratio Lower Upper

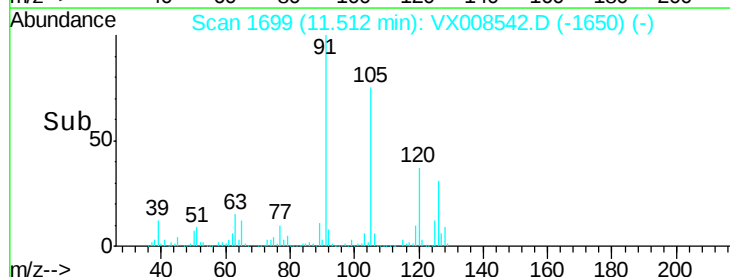
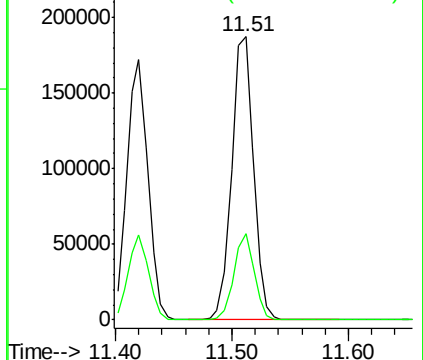
91 100

126 28.4 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

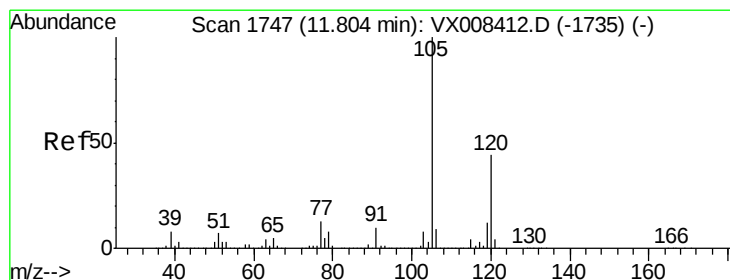
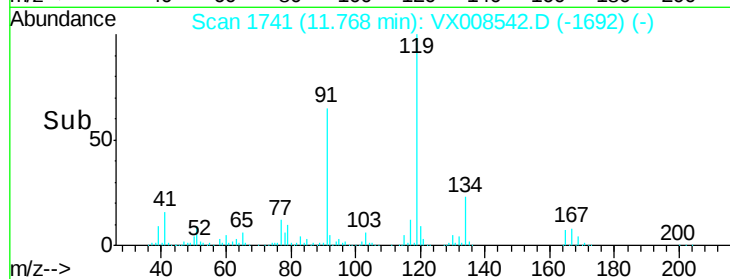
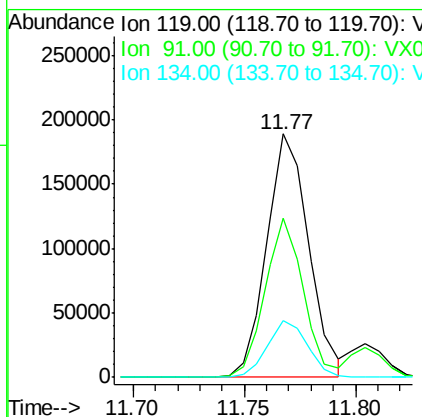
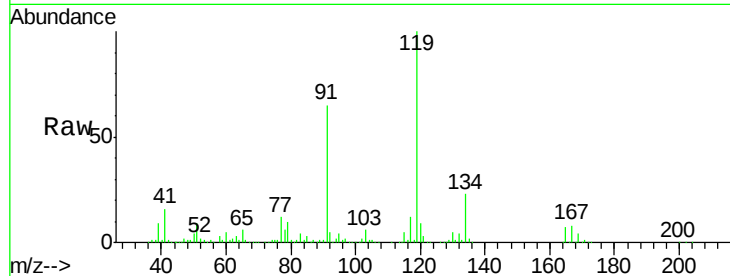




#83
 tert-Butylbenzene
 Concen: 21.926 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

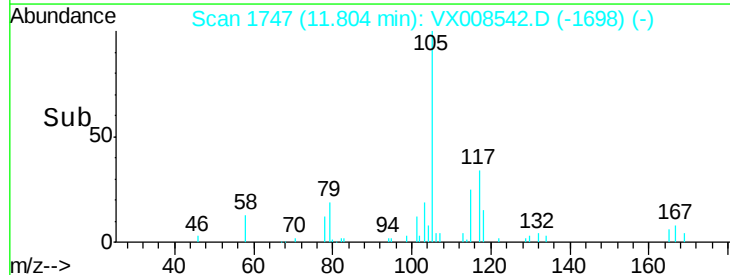
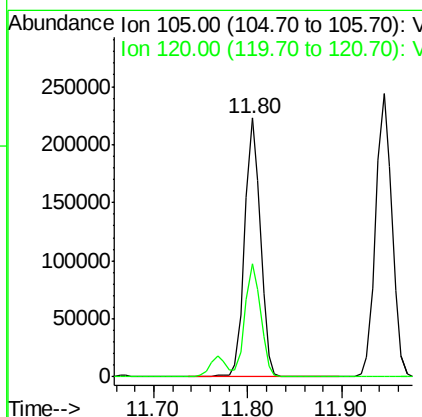
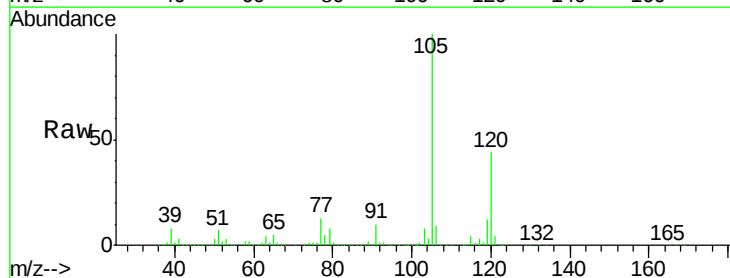
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

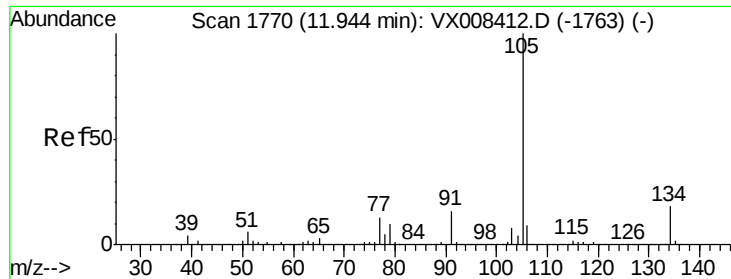
Tgt Ion:119 Resp: 247033
 Ion Ratio Lower Upper
 119 100
 91 60.1 30.1 90.3
 134 22.4 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 22.037 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

Tgt Ion:105 Resp: 260290
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.6 65.0

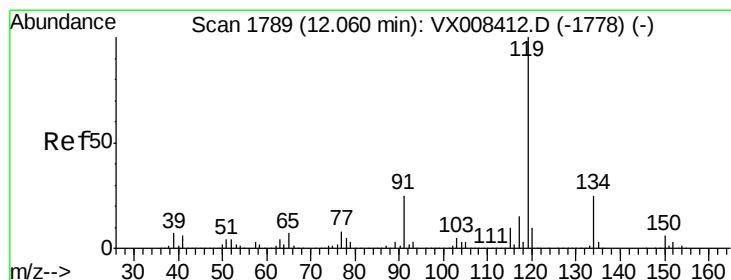
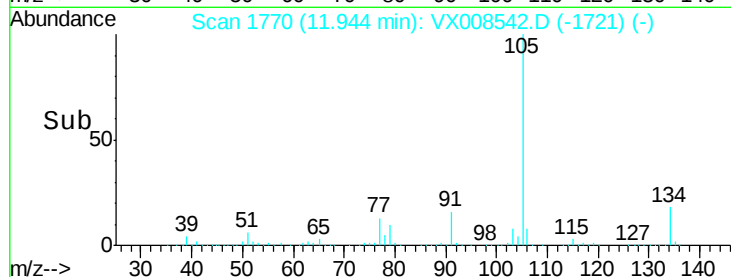
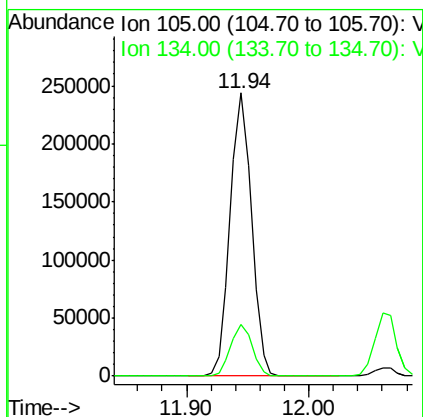
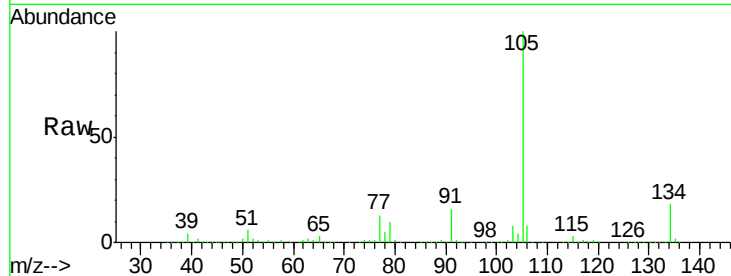




#85
 sec-Butylbenzene
 Concen: 21.955 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

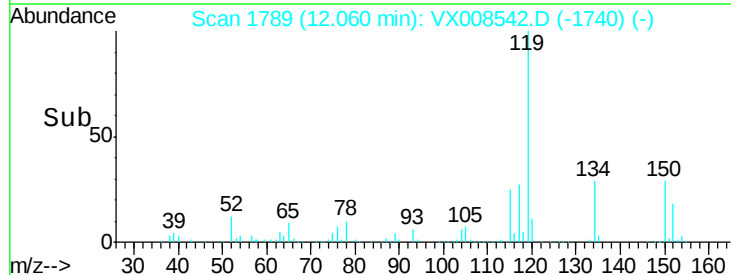
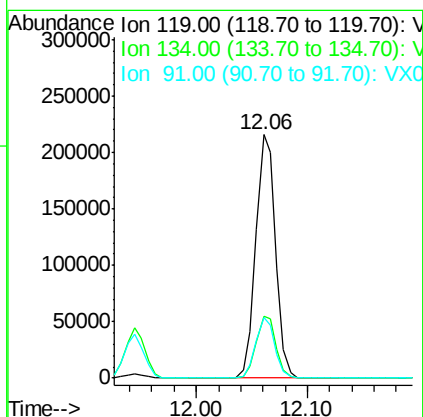
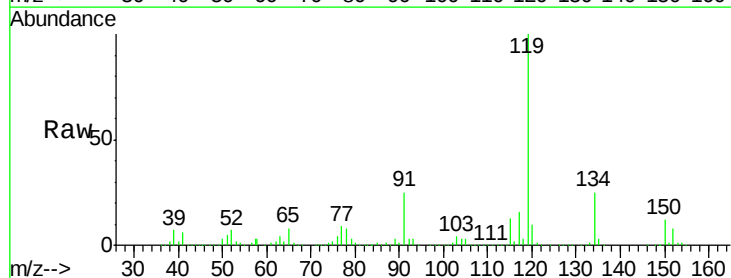
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

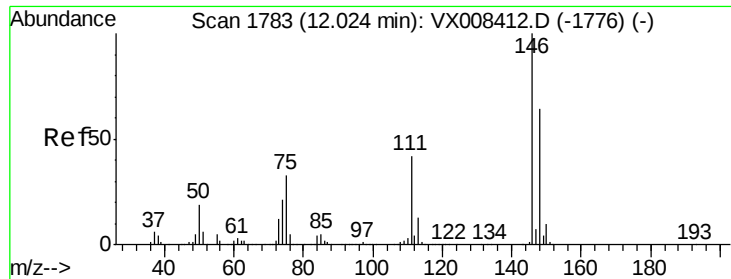
Tgt Ion:105 Resp: 294567
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 22.457 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

Tgt Ion:119 Resp: 265862
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.4 12.4 37.0

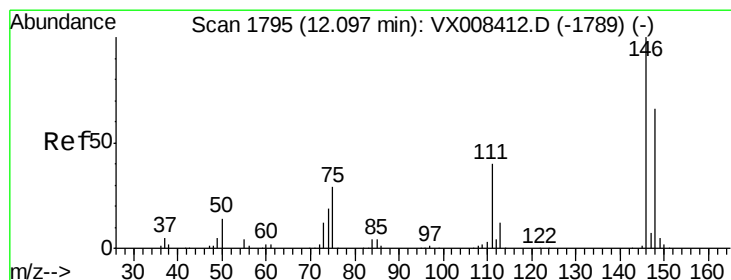
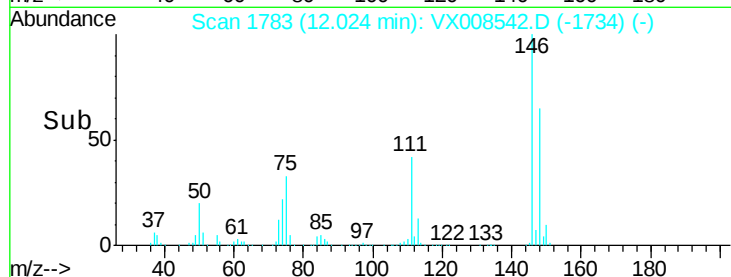
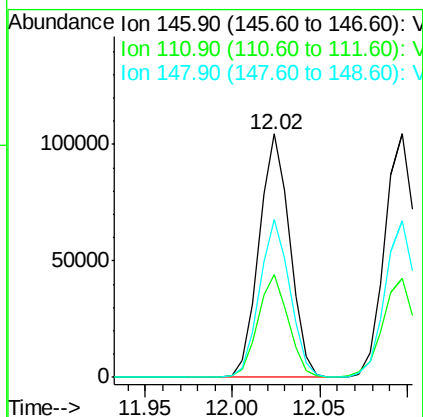
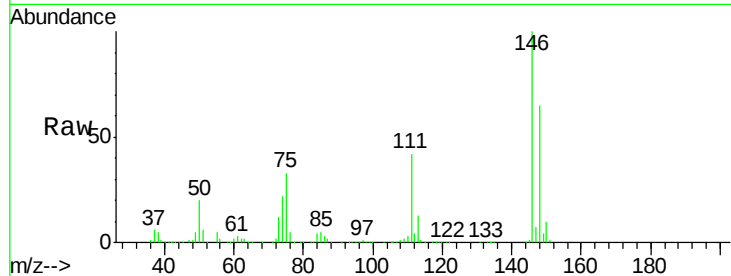




#87
 1,3-Dichlorobenzene
 Concen: 21.349 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

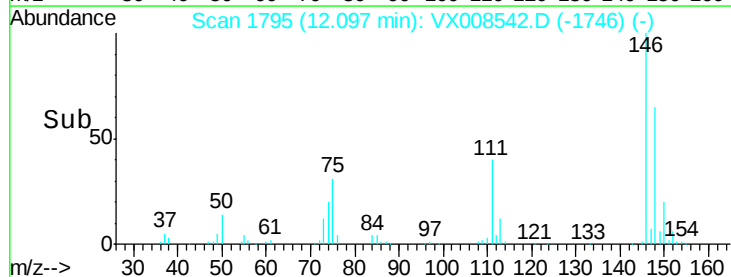
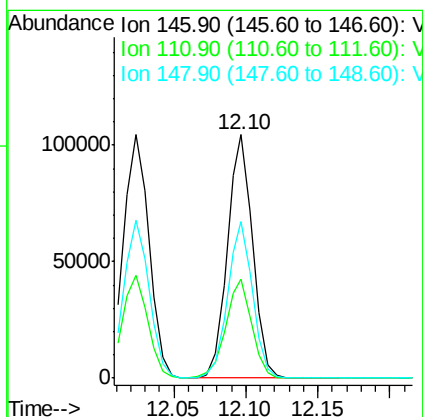
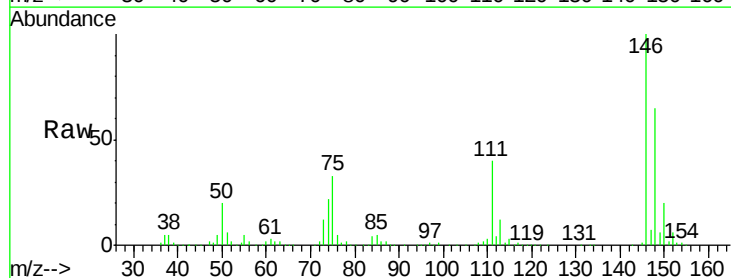
Instrument :
 MSVOA_X
 ClientSampled :
 VX0329WBS02

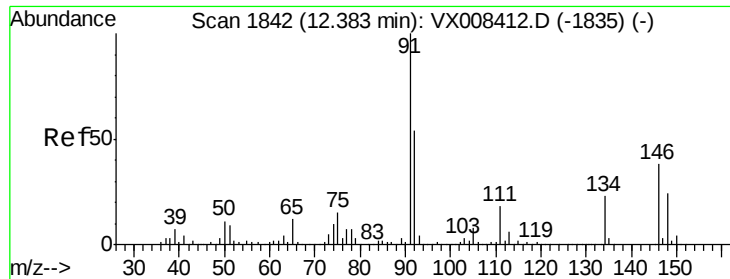
Tgt Ion:146 Resp: 127873
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.5
 148 64.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 21.312 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

Tgt Ion:146 Resp: 128830
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.3 61.0
 148 63.4 32.1 96.5

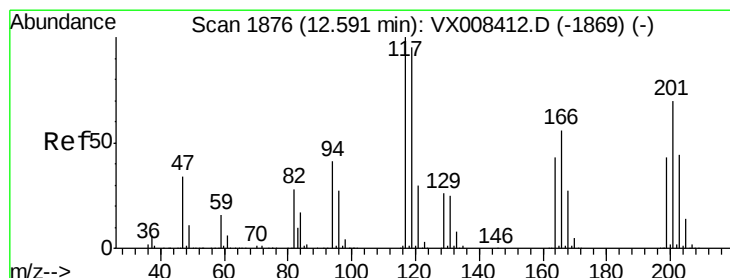
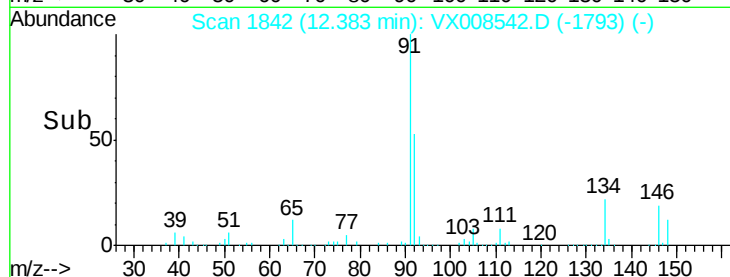
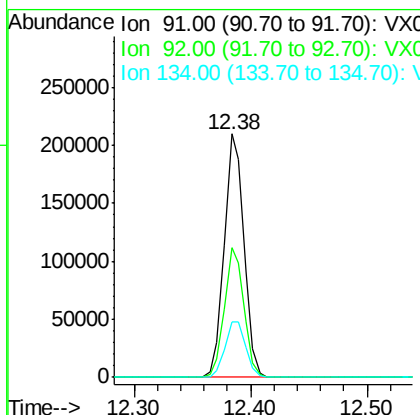
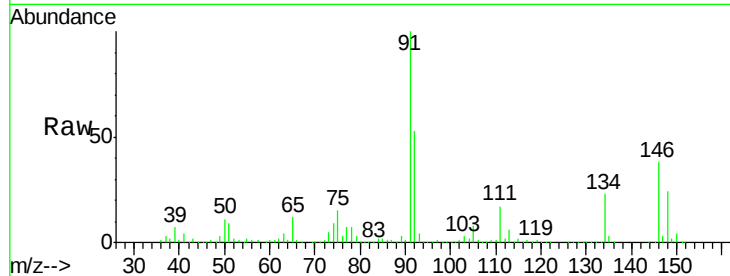




#89
n-Butylbenzene
Concen: 21.835 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

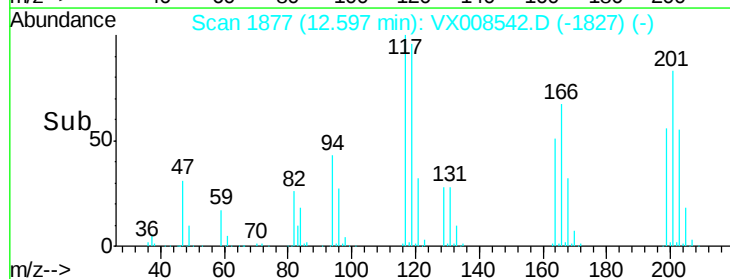
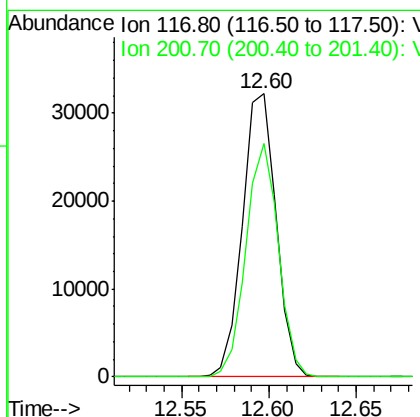
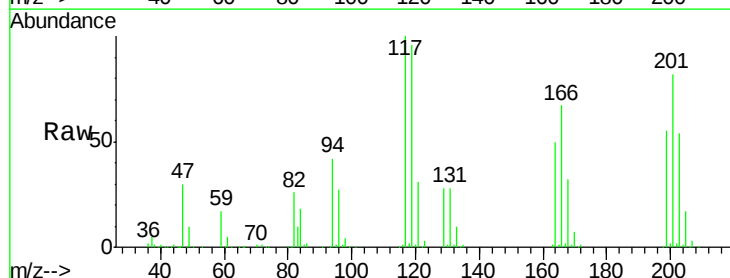
Instrument :
MSVOA_X
ClientSampled :
VX0329WBS02

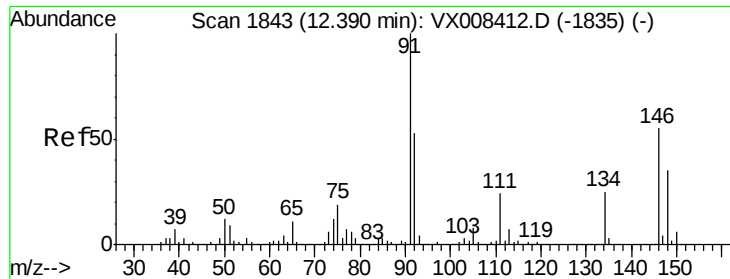
Tgt Ion: 91 Resp: 244882
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.5
134 23.8 11.8 35.4



#90
Hexachloroethane
Concen: 21.884 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion: 117 Resp: 43161
Ion Ratio Lower Upper
117 100
201 79.2 39.4 118.1

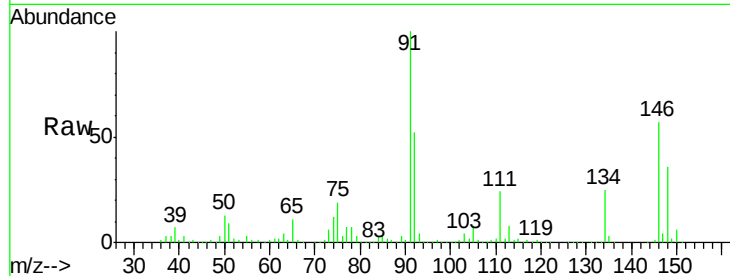




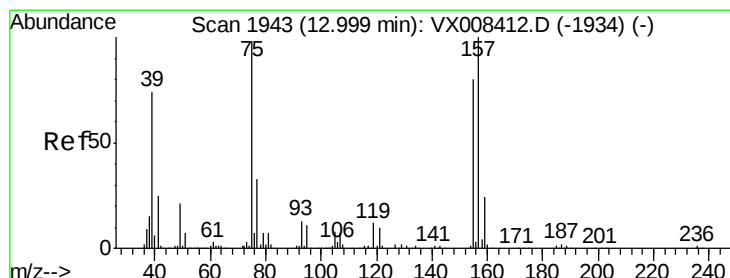
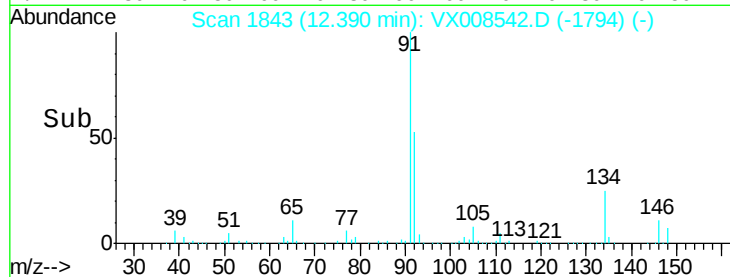
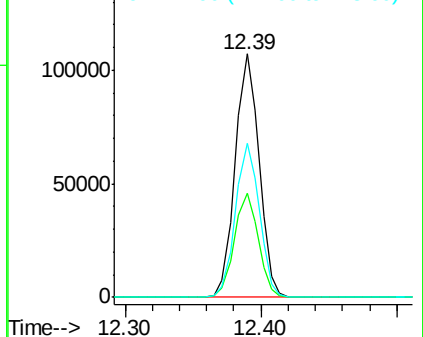
#91
 1,2-Dichlorobenzene
 Concen: 21.922 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

Tgt Ion:146 Resp: 131490
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.6 64.6
 148 63.2 31.9 95.7

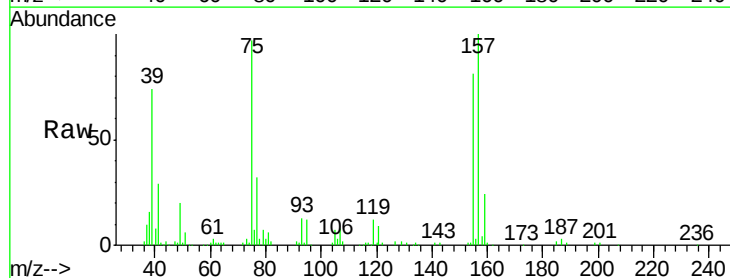


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

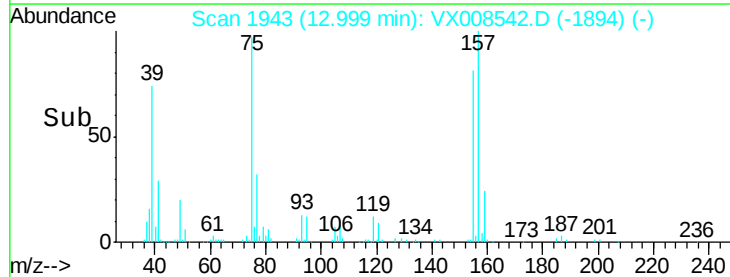
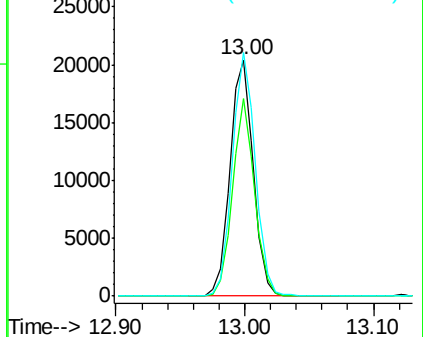


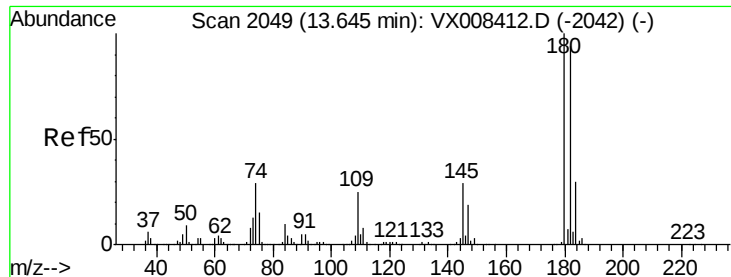
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.091 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

Tgt Ion: 75 Resp: 25814
 Ion Ratio Lower Upper
 75 100
 155 78.5 39.5 118.5
 157 101.4 49.9 149.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

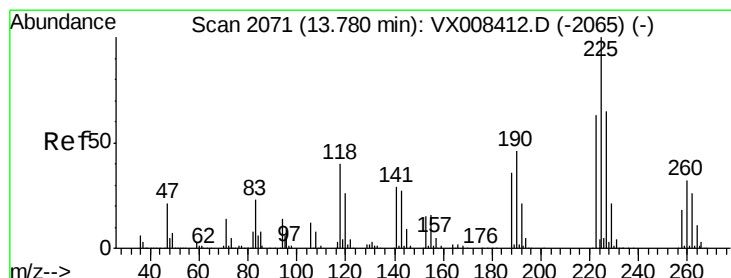
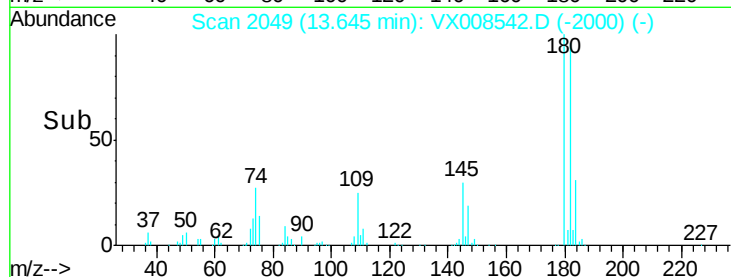
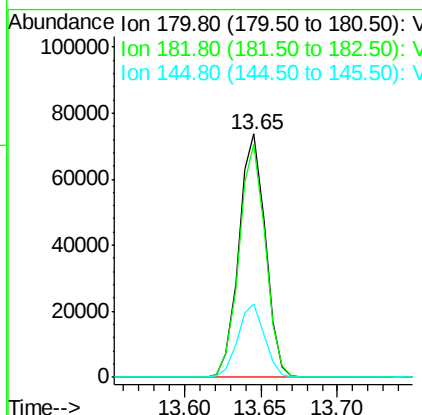
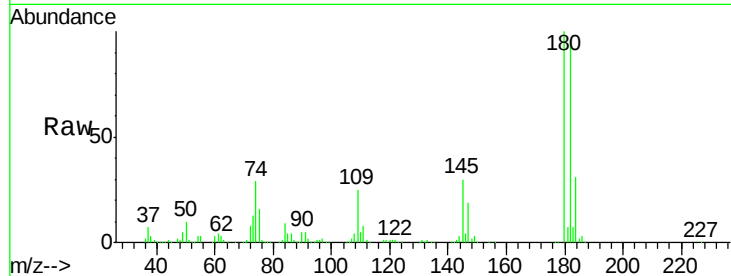




#93
 1,2,4-Trichlorobenzene
 Concen: 21.878 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

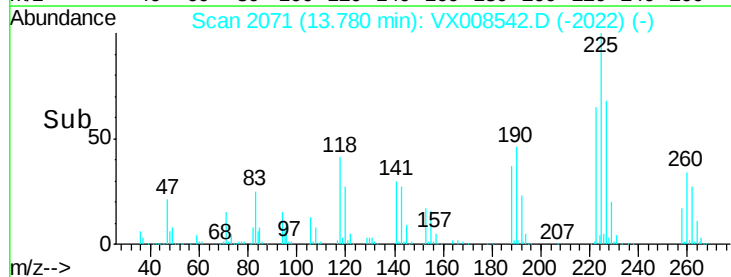
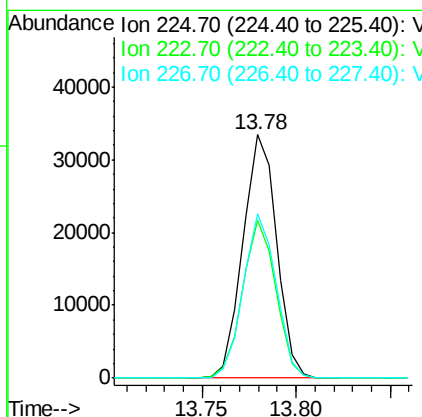
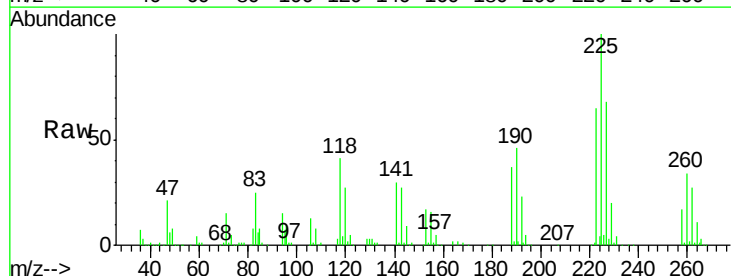
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

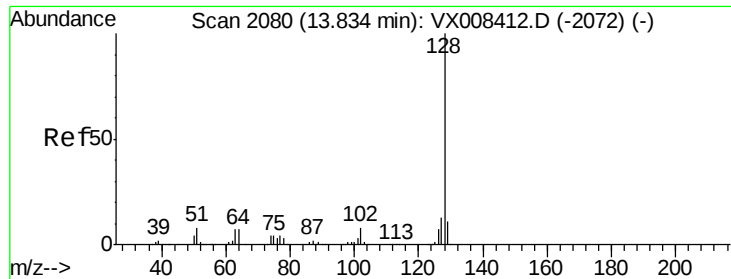
Tgt Ion:180 Resp: 88351
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 142.0
 145 30.5 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 21.712 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008542.D
 Acq: 29 Mar 2019 14:40

Tgt Ion:225 Resp: 41633
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.4 94.0
 227 65.9 31.9 95.9

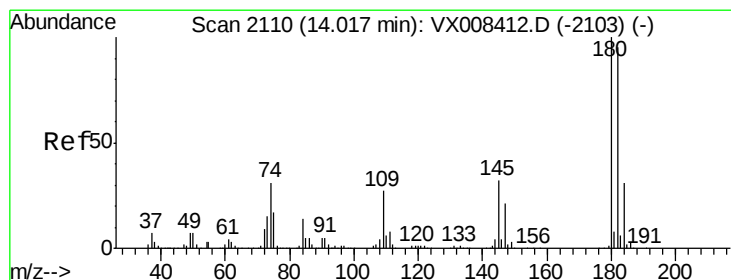
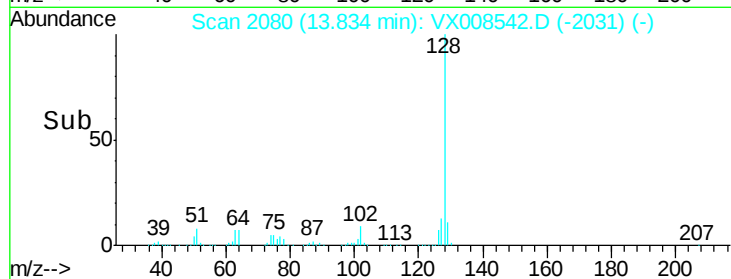
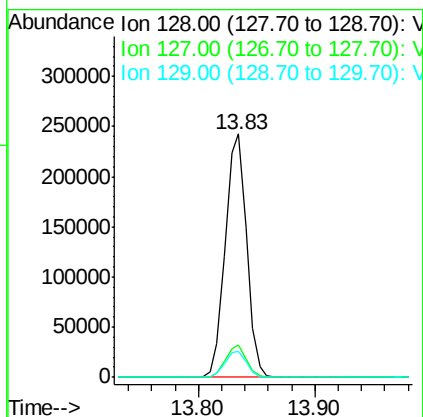
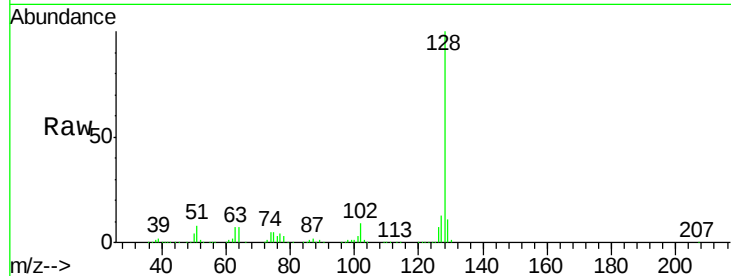




#95
Naphthalene
Concen: 22.187 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

Tgt Ion:128 Resp: 307182
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.969 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008542.D
Acq: 29 Mar 2019 14:40

Tgt Ion:180 Resp: 89147
Ion Ratio Lower Upper
180 100
182 95.3 47.3 142.0
145 31.7 16.2 48.5

