

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003243.D
 Acq On : 09 Jul 2018 13:09
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Quant Time: Jul 09 15:04:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224333	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	394938	106.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.80%	
35) Dibromofluoromethane	5.51	113	345949	131.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	262.26%	
50) Toluene-d8	8.72	98	1257478	130.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	261.04%	
62) 4-Bromofluorobenzene	11.14	95	477693	128.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	257.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	402481	151.60	ug/l	98
3) Chloromethane	1.32	50	326550	117.15	ug/l	99
4) Vinyl Chloride	1.40	62	360121	119.14	ug/l	99
5) Bromomethane	1.64	94	118715	63.62	ug/l	100
6) Chloroethane	1.71	64	202629	100.77	ug/l	99
7) Trichlorofluoromethane	1.92	101	521807	102.34	ug/l	99
8) Diethyl Ether	2.19	74	187104	100.94	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	302281	102.31	ug/l	94
10) Methyl Iodide	2.51	142	380720	138.24	ug/l	96
11) Tert butyl alcohol	3.09	59	352898	479.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	275682	104.58	ug/l	90
13) Acrolein	2.29	56	285879	654.26	ug/l	99
14) Allyl chloride	2.73	41	515276	99.16	ug/l	94
15) Acrylonitrile	3.15	53	771265	490.64	ug/l	99
16) Acetone	2.45	43	676747	442.33	ug/l	93
17) Carbon Disulfide	2.56	76	776728	110.59	ug/l	98
18) Methyl Acetate	2.78	43	393702	92.04	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	922073	97.30	ug/l	100
20) Methylene Chloride	2.86	84	294783	99.01	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	292851	102.00	ug/l	95
22) Diisopropyl ether	3.88	45	1043432	105.05	ug/l	97
23) Vinyl Acetate	3.83	43	4552843	541.32	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	533218	98.77	ug/l	100
25) 2-Butanone	4.71	43	1237181	544.87	ug/l	95
26) 2,2-Dichloropropane	4.59	77	492147	112.11	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	381183	118.41	ug/l	88
28) Bromochloromethane	5.03	49	264829	102.49	ug/l	84
29) Tetrahydrofuran	5.17	42	797512	547.71	ug/l	95
30) Chloroform	5.22	83	610197	110.14	ug/l	97
31) Cyclohexane	5.57	56	541580	116.89	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	558879	114.65	ug/l	98
36) 1,1-Dichloropropene	5.80	75	453645	124.17	ug/l	98
37) Ethyl Acetate	4.87	43	493345	125.41	ug/l	99
38) Carbon Tetrachloride	5.78	117	509640	127.12	ug/l	99

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 MSVOA_X
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 VSTDICC100

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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	545574	128.20	ug/l	95
40) Benzene	6.15	78	1334899	125.75	ug/l	100
41) Methacrylonitrile	5.07	41	273861	120.90	ug/l	96
42) 1,2-Dichloroethane	6.20	62	483860	112.84	ug/l	98
43) Isopropyl Acetate	6.47	43	797308	120.85	ug/l	97
44) Trichloroethene	7.21	130	397390	125.56	ug/l	100
45) 1,2-Dichloropropane	7.52	63	343811	122.10	ug/l	100
46) Dibromomethane	7.67	93	236490	121.02	ug/l	94
47) Bromodichloromethane	7.90	83	459278	127.13	ug/l	98
48) Methyl methacrylate	7.78	41	415711	122.29	ug/l	93
49) 1,4-Dioxane	7.76	88	163461	2471.59	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	2493945	604.20	ug/l	96
52) Toluene	8.79	92	864049	127.06	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	554047	135.42	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	521783	132.54	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	347660	124.41	ug/l	98
56) Ethyl methacrylate	9.18	69	523109	128.09	ug/l	91
57) 1,3-Dichloropropane	9.38	76	565760	123.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1285689	652.54	ug/l	96
59) 2-Hexanone	9.50	43	1927148	614.32	ug/l	95
60) Dibromochloromethane	9.59	129	400341	136.09	ug/l	100
61) 1,2-Dibromoethane	9.68	107	375599	128.14	ug/l	100
64) Tetrachloroethene	9.34	164	435522	126.51	ug/l	99
65) Chlorobenzene	10.14	112	999137	127.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	377886	132.28	ug/l	100
67) Ethyl Benzene	10.26	91	1685453	129.75	ug/l	100
68) m/p-Xylenes	10.36	106	1329439	265.55	ug/l	96
69) o-Xylene	10.70	106	641873	131.67	ug/l	96
70) Styrene	10.71	104	1057960	133.56	ug/l	98
71) Bromoform	10.86	173	336071	149.69	ug/l	100
73) Isopropylbenzene	11.02	105	1743804	115.55	ug/l	99
74) N-amyl acetate	6.47	43	797308	107.98	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	514264	110.62	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	620463	152.69	ug/l	80
77) Bromobenzene	11.26	156	491209	114.30	ug/l	95
78) n-propylbenzene	11.37	91	1973251	114.87	ug/l	98
79) 2-Chlorotoluene	11.43	91	1154010	110.96	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1480863	116.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	164163	137.03	ug/l	91
82) 4-Chlorotoluene	11.51	91	1372795	111.50	ug/l	97
83) tert-Butylbenzene	11.77	119	1470057	117.35	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	1514426	114.99	ug/l	97
85) sec-Butylbenzene	11.95	105	1743419	114.72	ug/l	99
86) p-Isopropyltoluene	12.07	119	1603014	117.33	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	897063	114.28	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	900877	111.53	ug/l	98
89) n-Butylbenzene	12.39	91	1362790	114.60	ug/l	98
90) Hexachloroethane	12.60	117	258599	127.25	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	886310	111.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	117849	112.77	ug/l	90

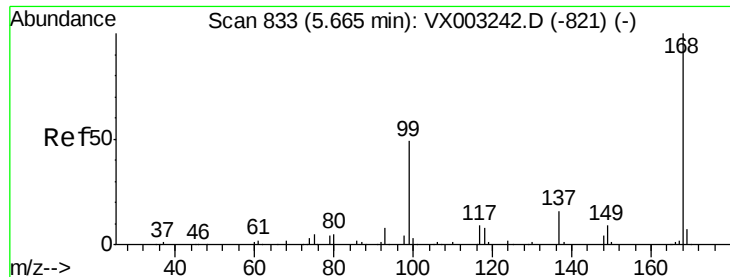
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
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QLast Update : Mon Jul 09 14:57:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	681461	118.19	ug/l	100
94) Hexachlorobutadiene	13.79	225	330165	114.81	ug/l	99
95) Naphthalene	13.83	128	1840370	119.84	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	671716	116.64	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

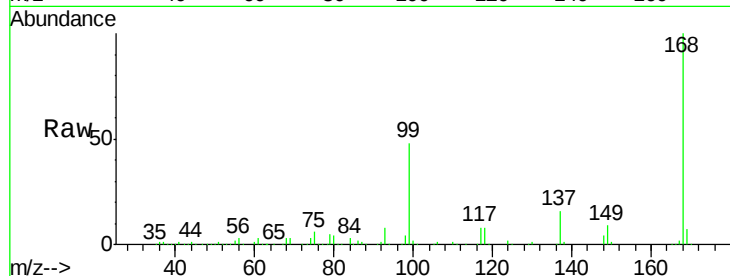
VSTDIC100

Tot Ion:168 Resp: 267285

Ion Ratio Lower Upper

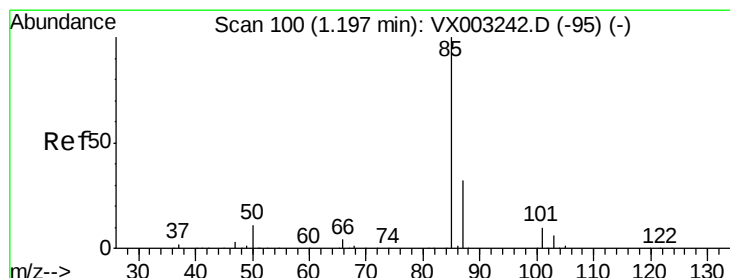
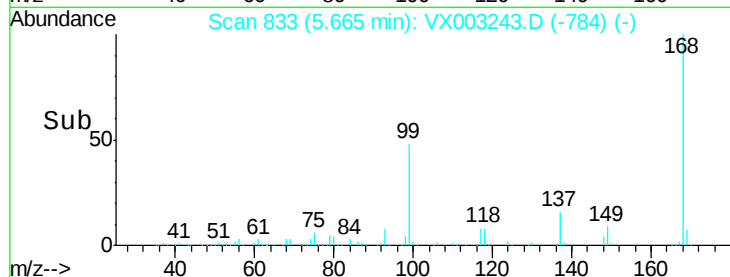
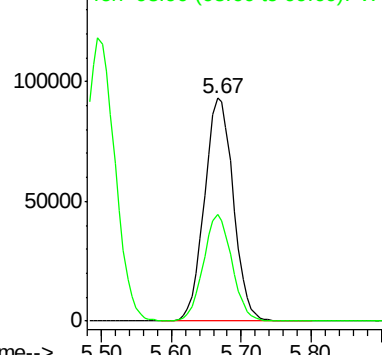
168 100

99 47.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 151.60 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003243.D

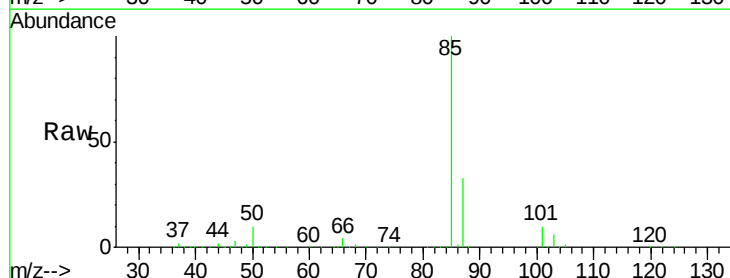
Acq: 09 Jul 2018 13:09

Tgt Ion: 85 Resp: 402481

Ion Ratio Lower Upper

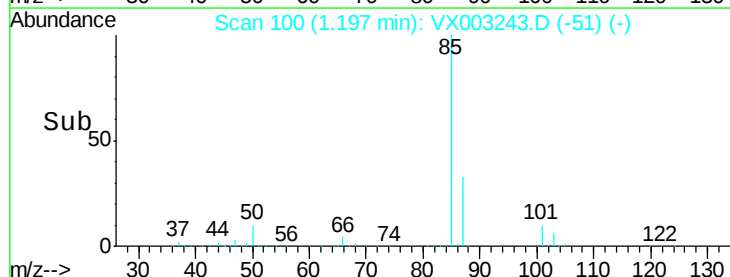
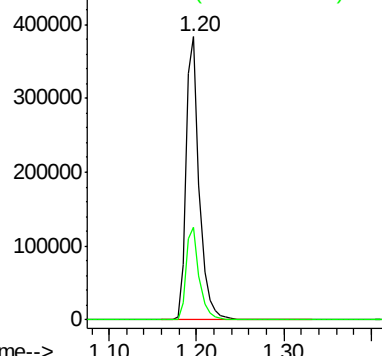
85 100

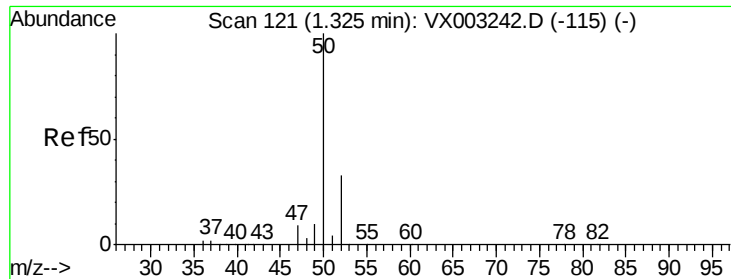
87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

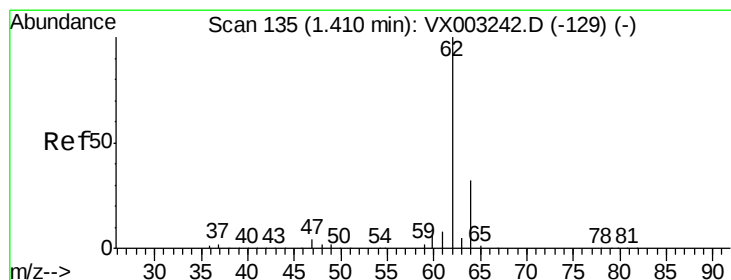
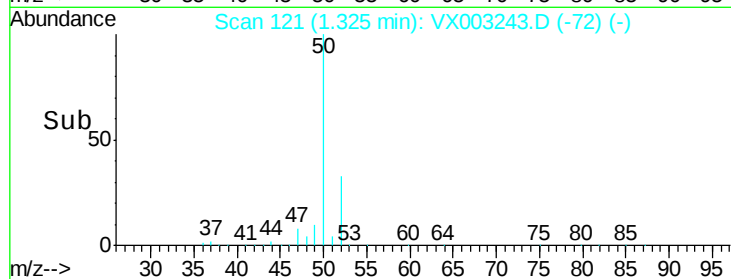
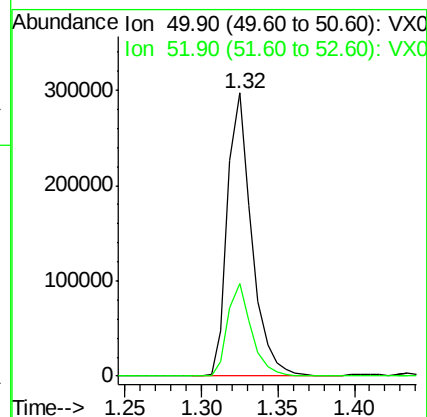
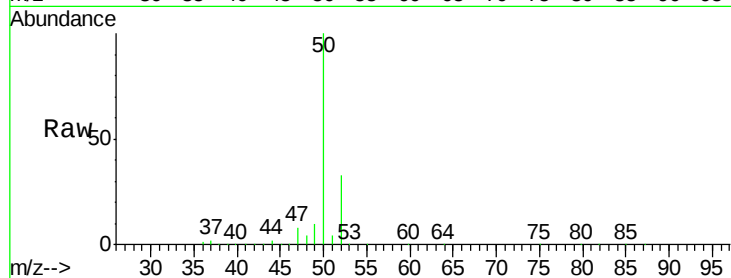




#3
Chloromethane
Concen: 117.15 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

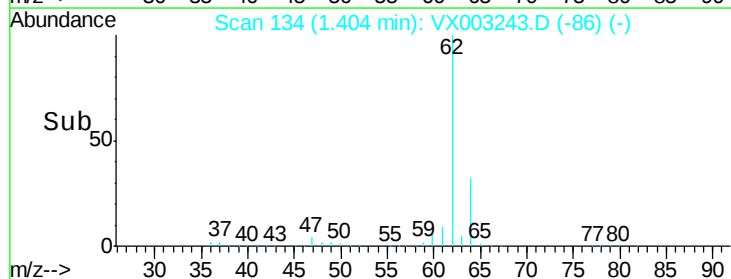
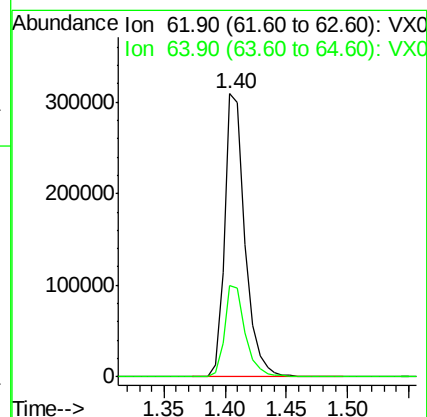
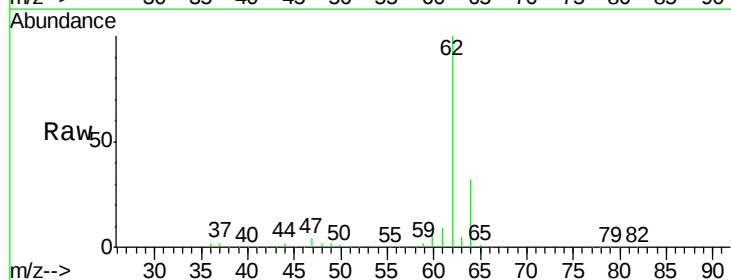
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

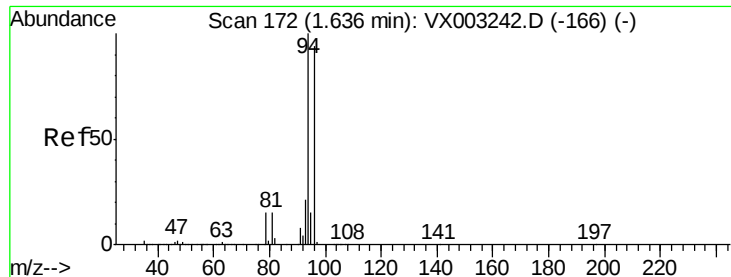
Tot Ion: 50 Resp: 326550
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5



#4
Vinyl Chloride
Concen: 119.14 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 62 Resp: 360121
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2





#5

Bromomethane

Concen: 63.62 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

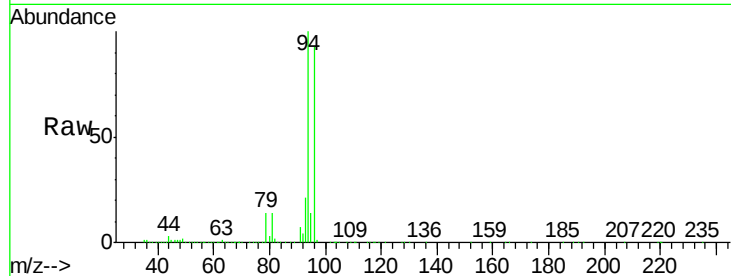
VSTDIC100

Tot Ion: 94 Resp: 118715

Ion Ratio Lower Upper

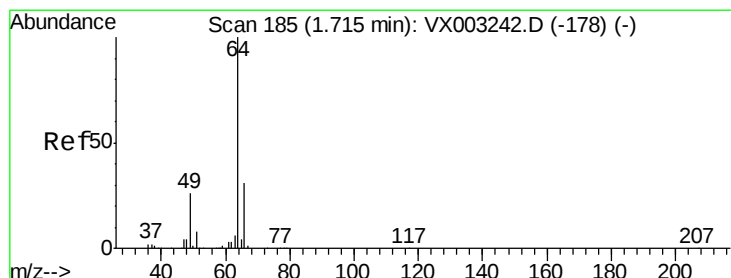
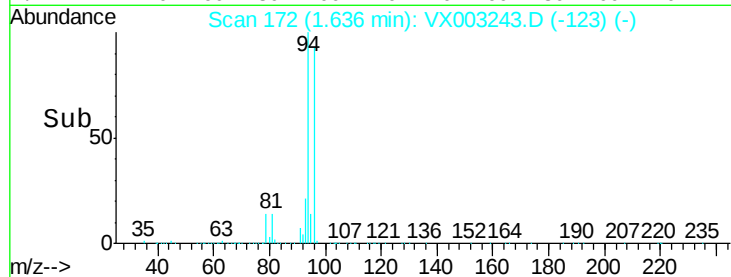
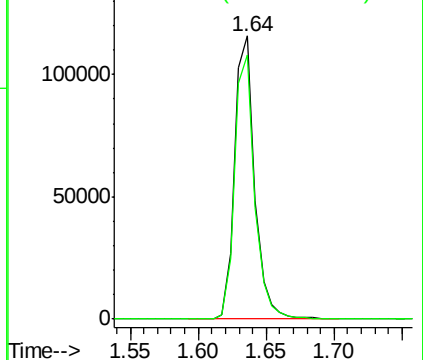
94 100

96 93.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 100.77 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX003243.D

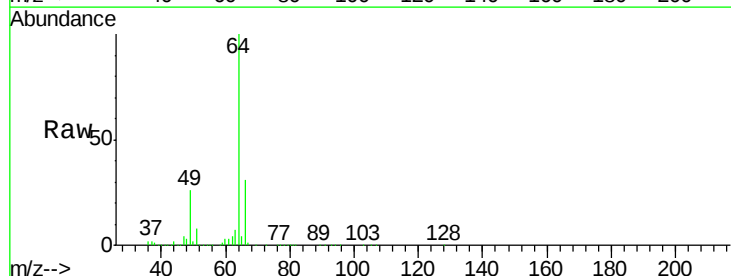
Acq: 09 Jul 2018 13:09

Tgt Ion: 64 Resp: 202629

Ion Ratio Lower Upper

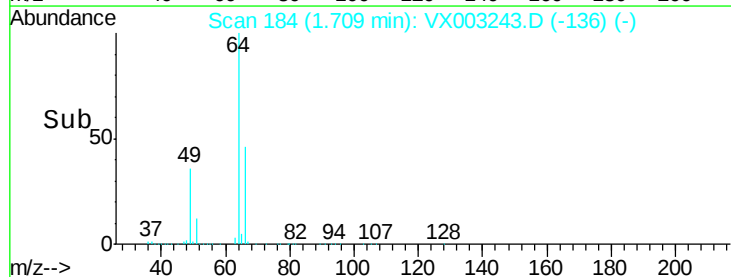
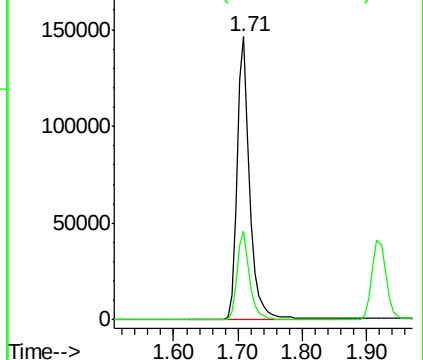
64 100

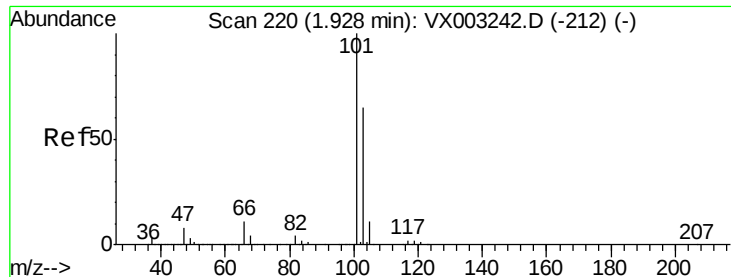
66 31.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



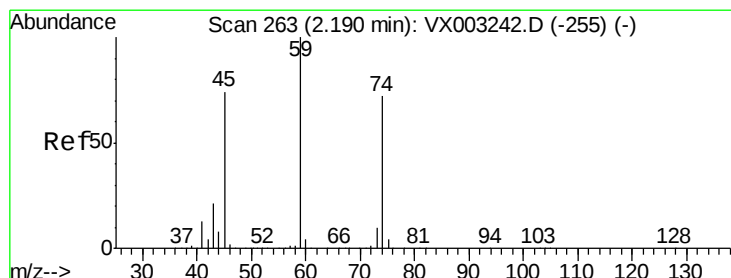
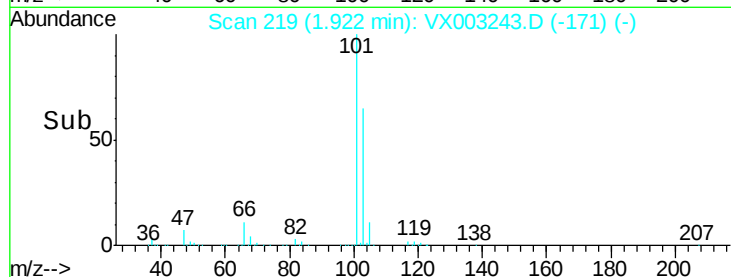
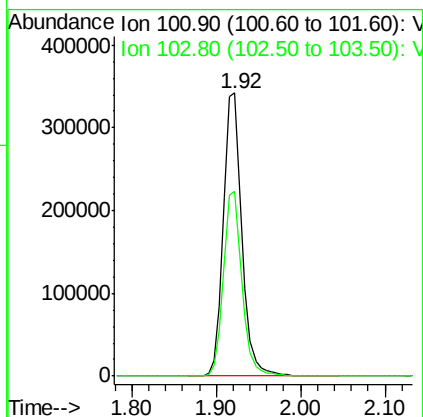
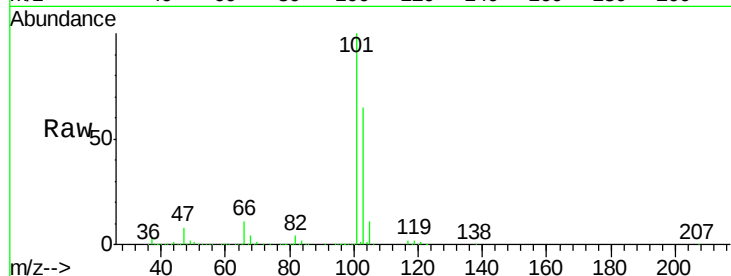


#7

Trichlorofluoromethane
 Concen: 102.34 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

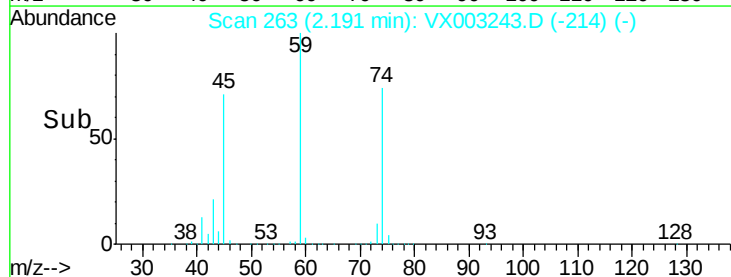
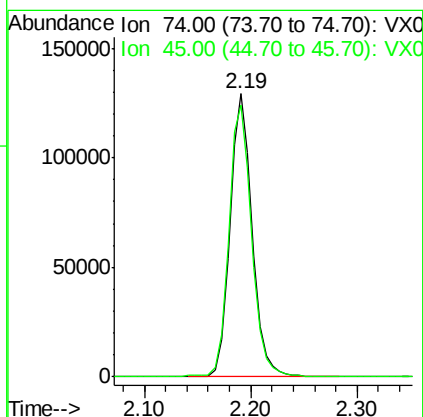
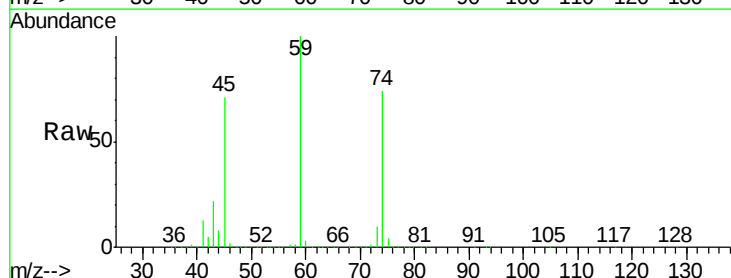
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 Ion Ratio Lower Upper
 101 100
 103 65.3 52.8 79.2

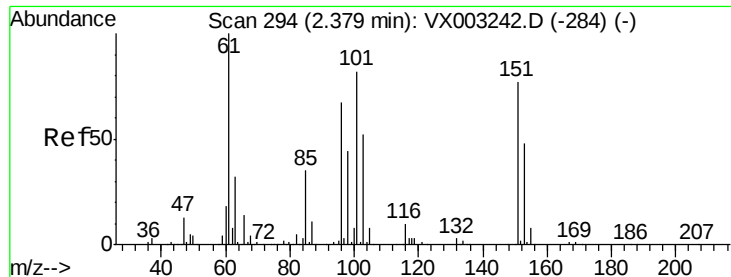


#8

Diethyl Ether
 Concen: 100.94 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

Tgt Ion: 74 Resp: 187104
 Ion Ratio Lower Upper
 74 100
 45 99.2 53.1 159.4

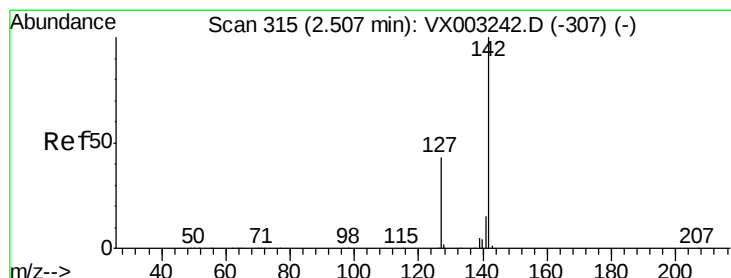
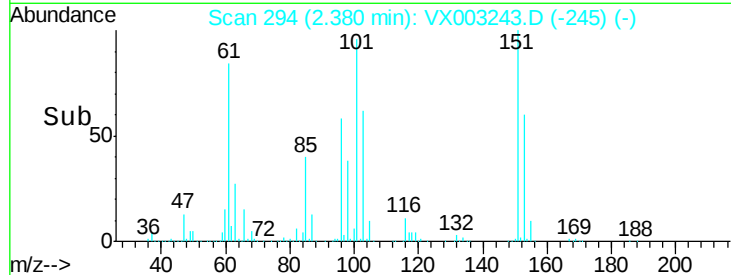
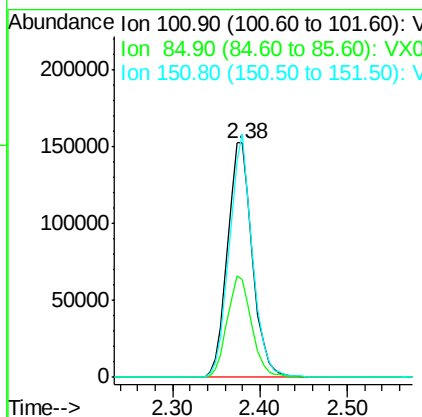
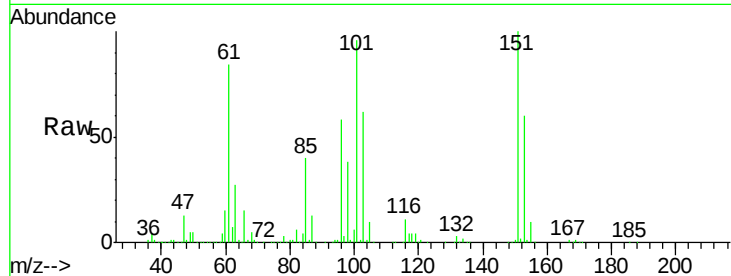




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 102.31 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

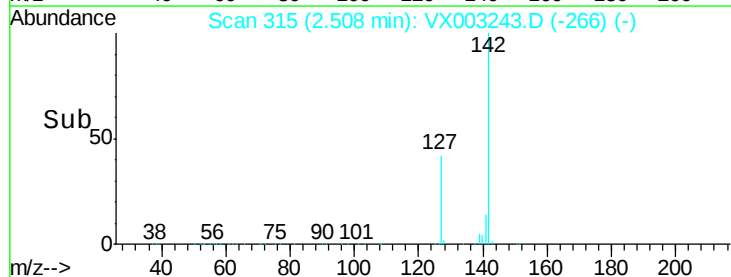
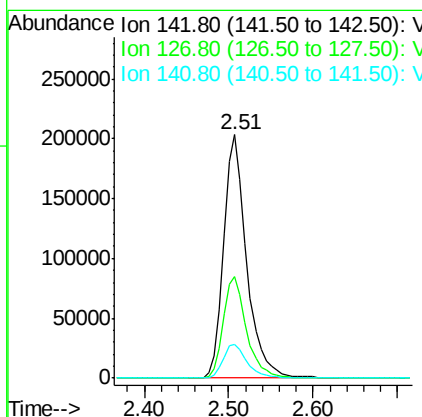
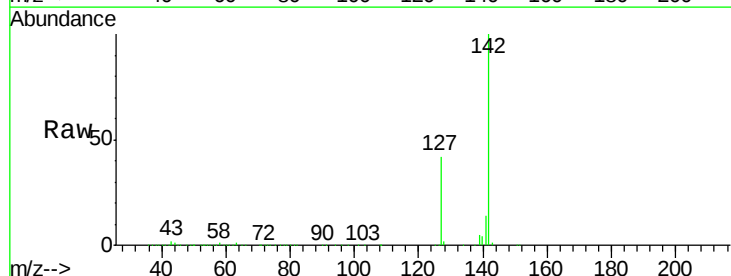
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

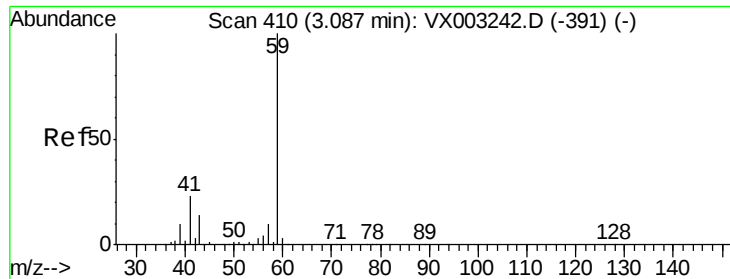
Tot Ion:101 Resp: 302281
 Ion Ratio Lower Upper
 101 100
 85 42.6 36.0 54.0
 151 95.8 70.9 106.3



#10
 Methyl Iodide
 Concen: 138.24 ug/l
 RT: 2.51 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

Tgt Ion:142 Resp: 380720
 Ion Ratio Lower Upper
 142 100
 127 42.4 36.6 55.0
 141 14.3 11.3 16.9

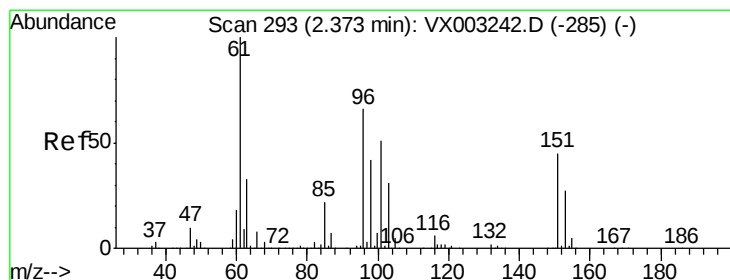
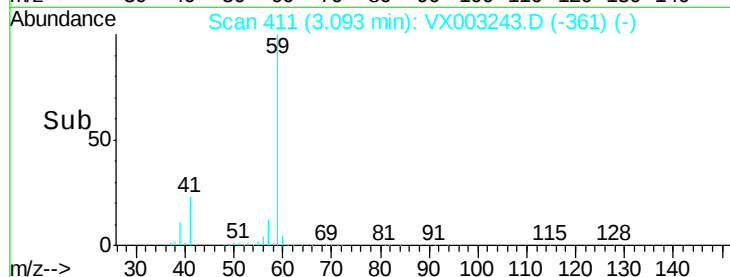
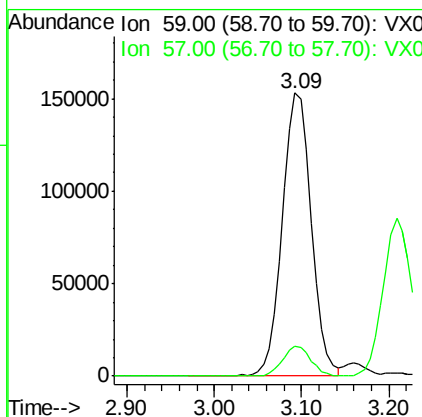
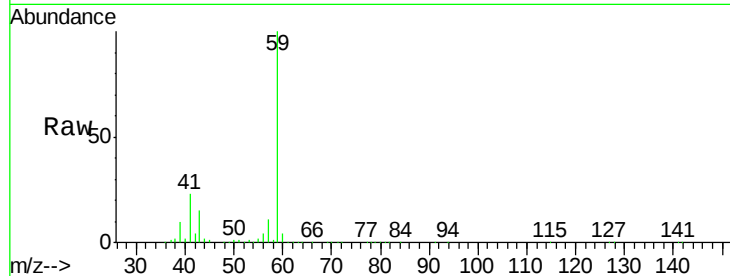




#11
Tert butyl alcohol
Concen: 479.51 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

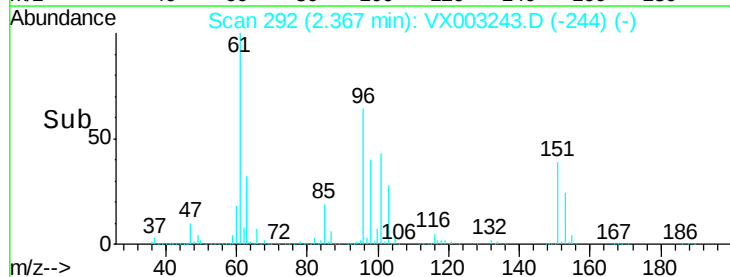
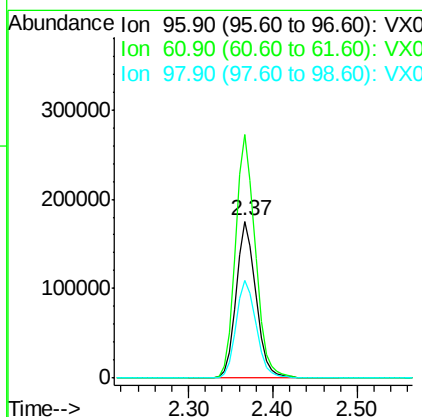
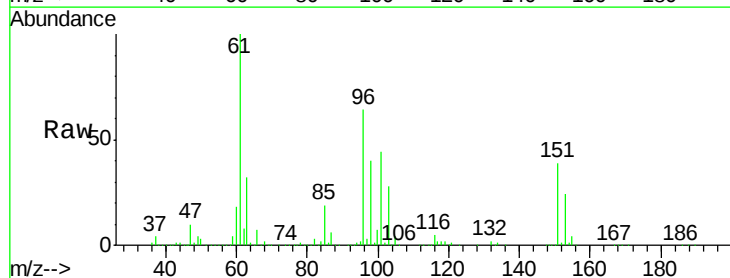
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

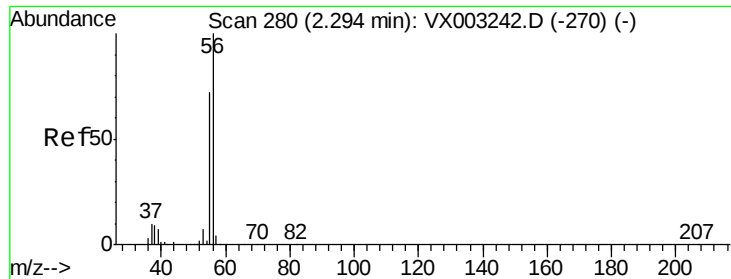
Tot Ion: 59 Resp: 352898
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 104.58 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 96 Resp: 275682
Ion Ratio Lower Upper
96 100
61 155.2 137.9 206.9
98 62.5 51.6 77.4





#13

Acrolein

Concen: 654.26 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

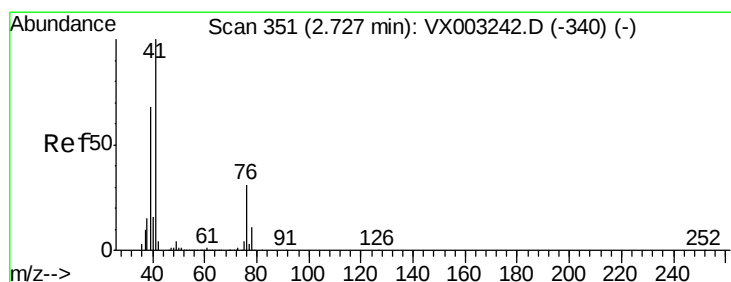
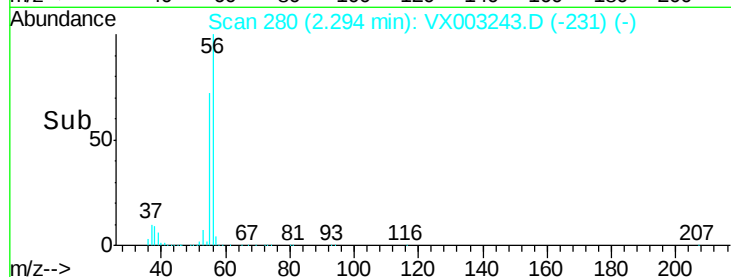
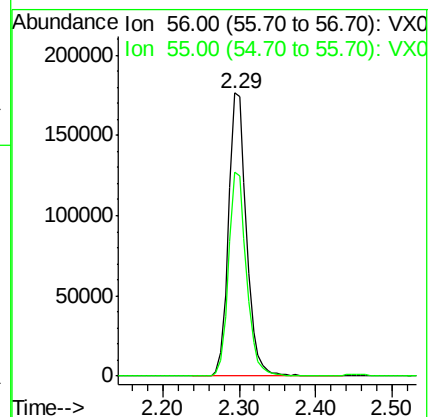
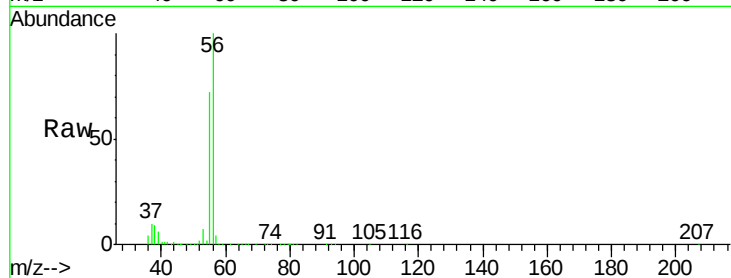
VSTDIC100

Tot Ion: 56 Resp: 285879

Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.4



#14

Allyl chloride

Concen: 99.16 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

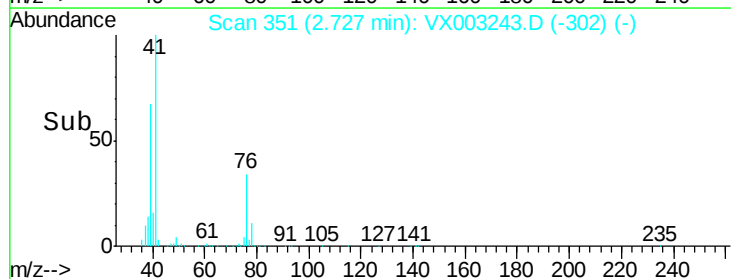
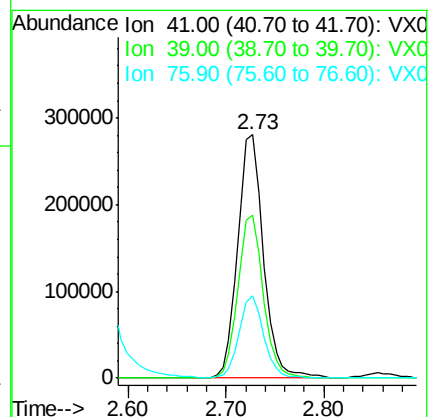
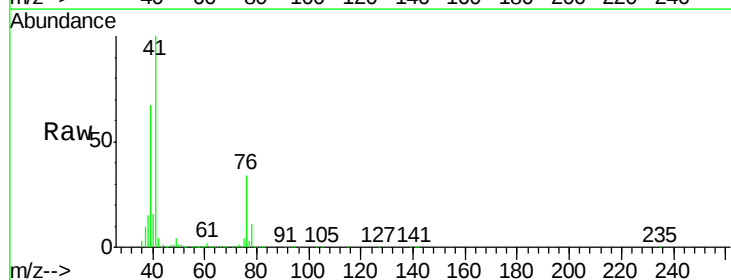
Tgt Ion: 41 Resp: 515276

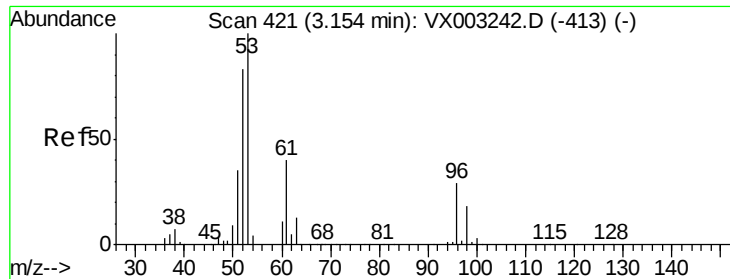
Ion Ratio Lower Upper

41 100

39 65.6 56.8 85.2

76 32.4 23.8 35.8





#15

Acrylonitrile

Concen: 490.64 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

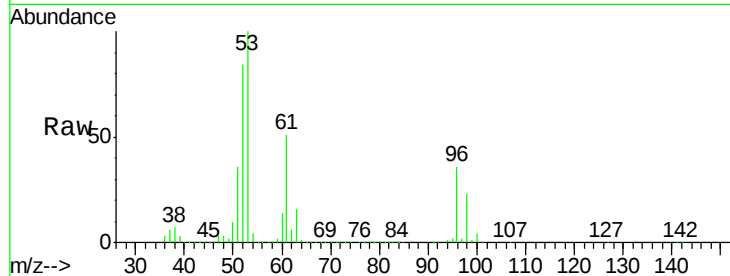
Tot Ion: 53 Resp: 771265

Ion Ratio Lower Upper

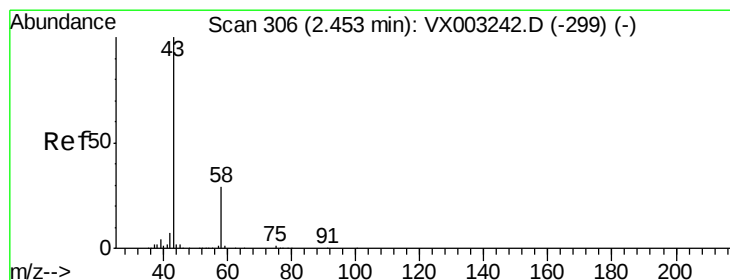
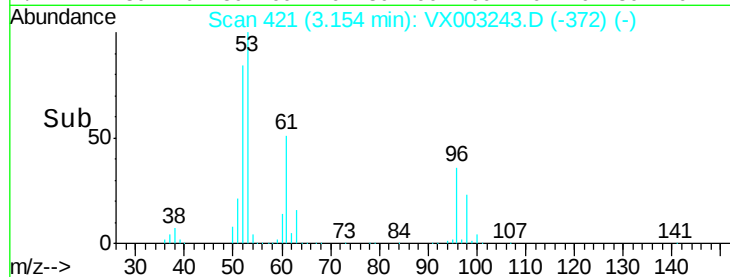
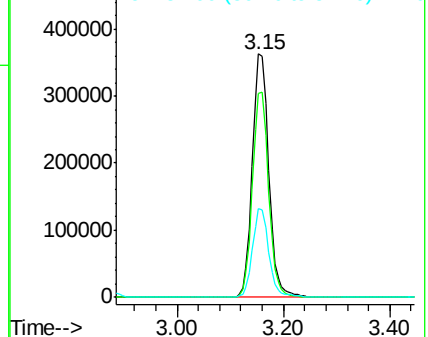
53 100

52 82.9 66.7 100.1

51 36.1 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 442.33 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003243.D

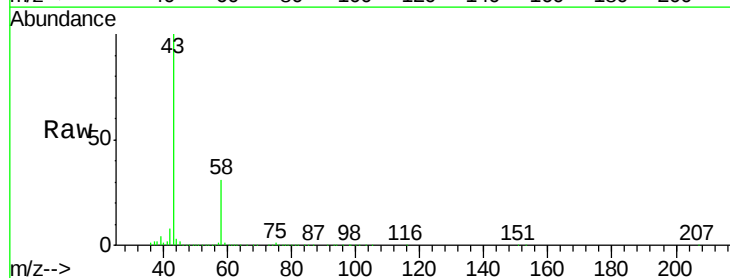
Acq: 09 Jul 2018 13:09

Tgt Ion: 43 Resp: 676747

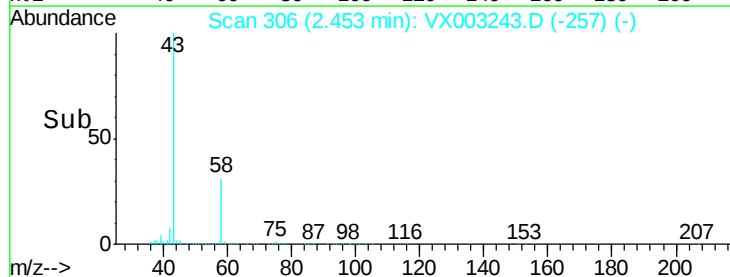
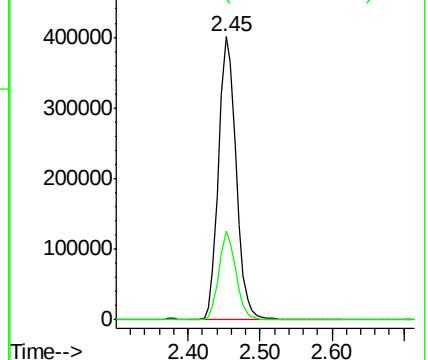
Ion Ratio Lower Upper

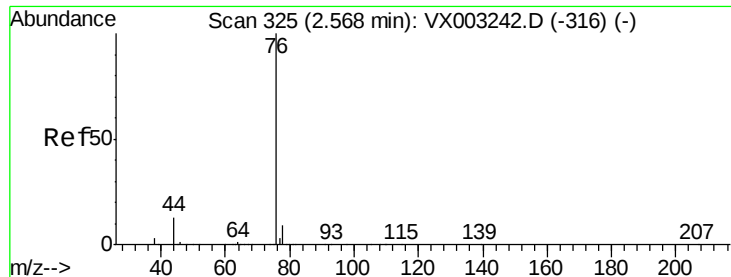
43 100

58 31.2 22.1 33.1



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

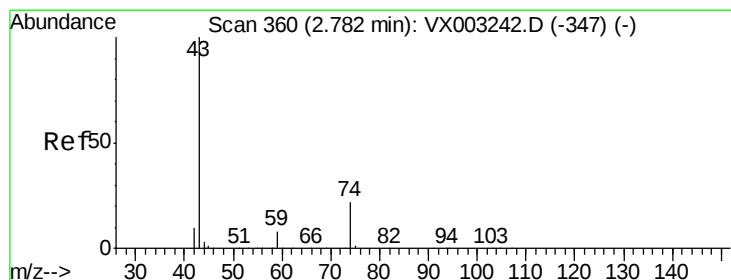
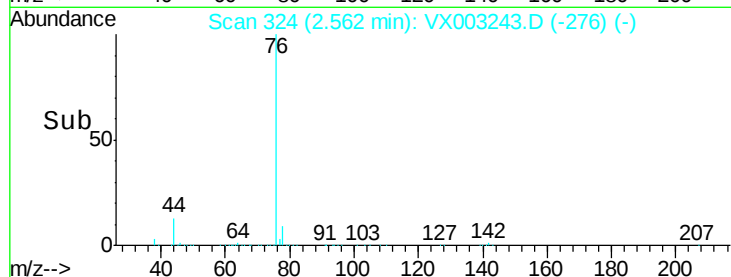
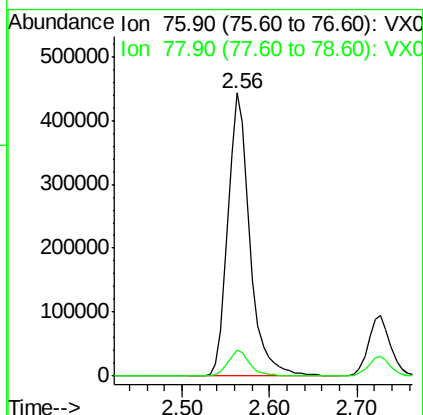
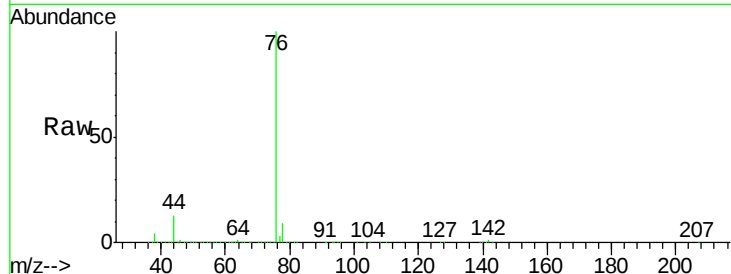




#17
Carbon Disulfide
Concen: 110.59 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

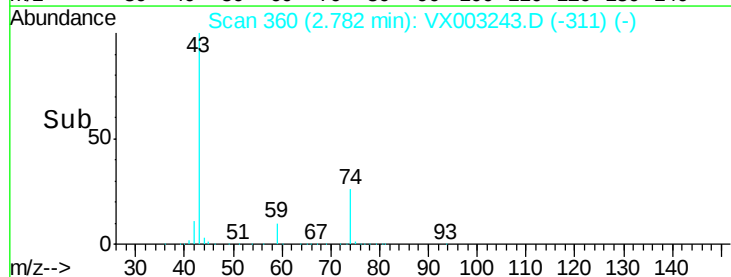
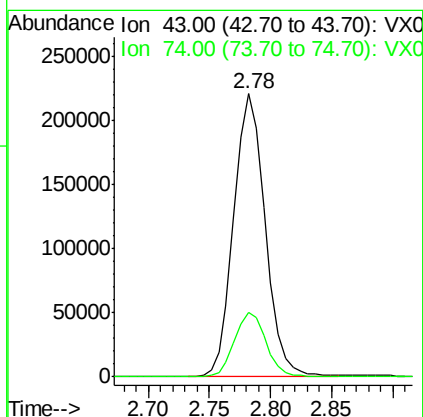
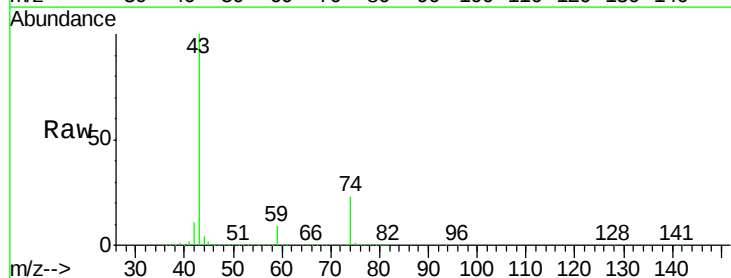
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

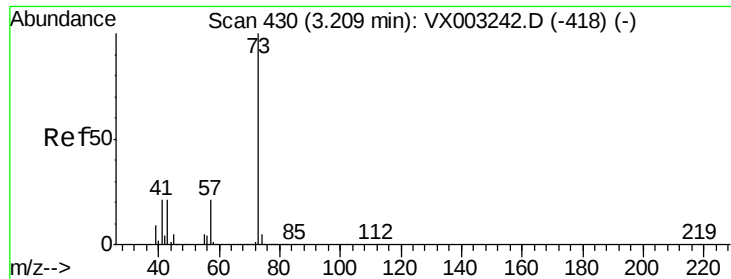
Tot Ion: 76 Resp: 776728
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 92.04 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 43 Resp: 393702
Ion Ratio Lower Upper
43 100
74 23.0 16.7 25.1

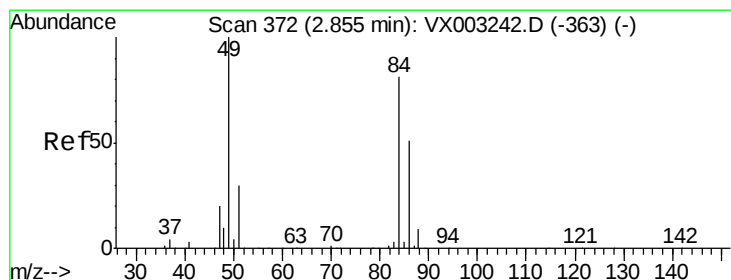
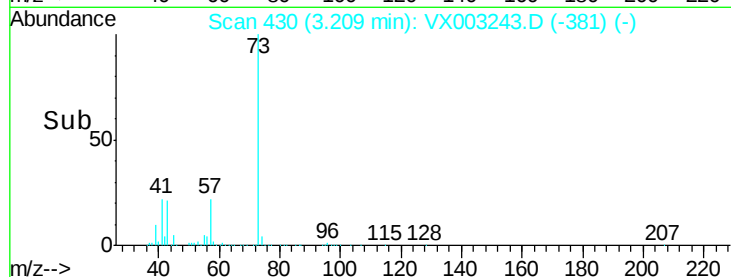
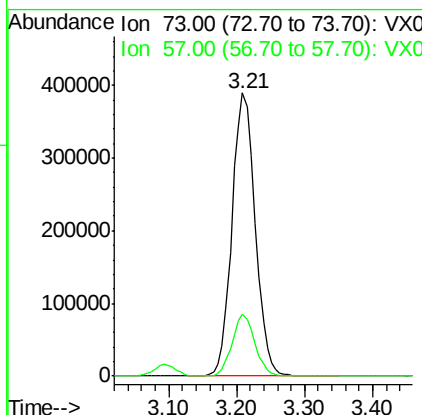
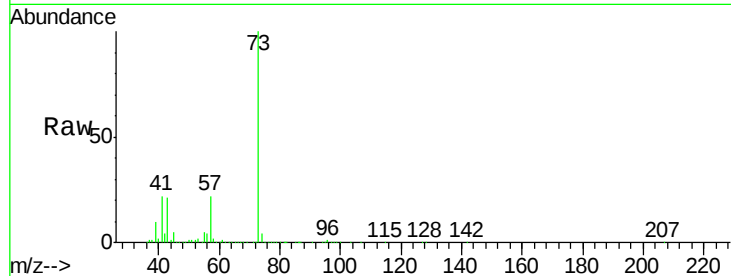




#19
Methyl tert-butyl Ether
Concen: 97.30 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

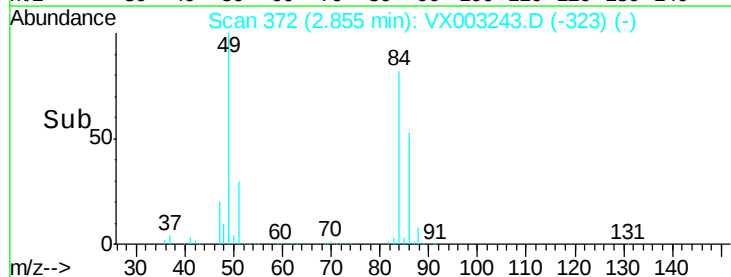
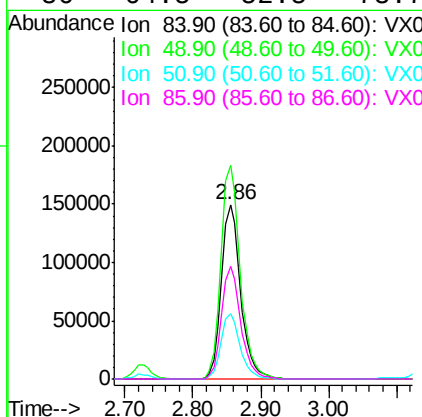
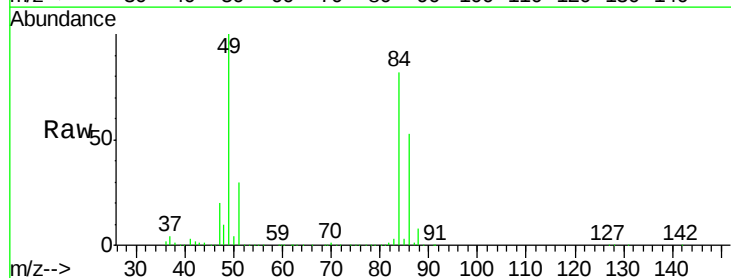
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

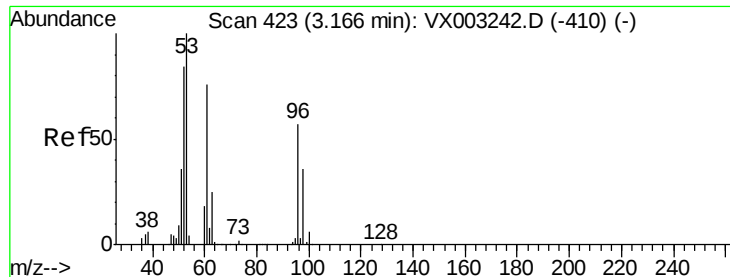
Tot Ion: 73 Resp: 922073
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 99.01 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 84 Resp: 294783
Ion Ratio Lower Upper
84 100
49 122.5 107.8 161.6
51 37.1 32.8 49.2
86 64.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 102.00 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

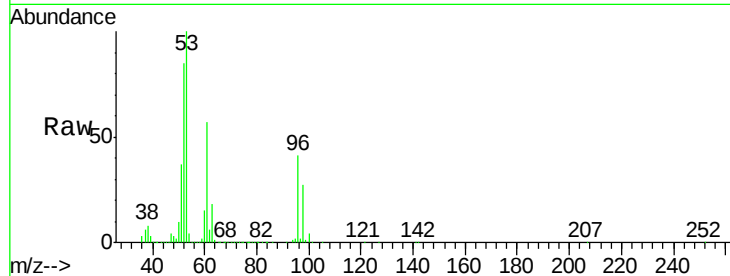
Tot Ion: 96 Resp: 292851

Ion Ratio Lower Upper

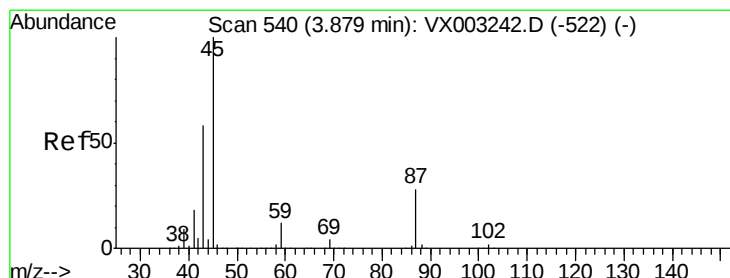
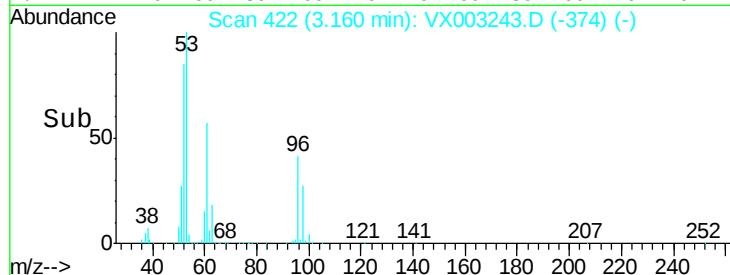
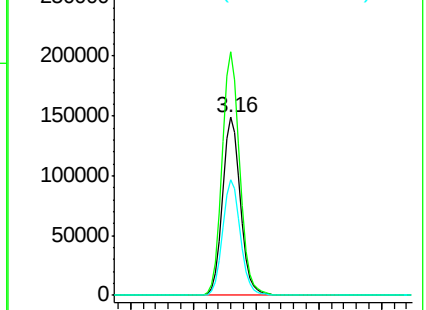
96 100

61 136.9 117.0 175.4

98 64.9 52.4 78.6



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: 105.05 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Tgt Ion: 45 Resp: 1043432

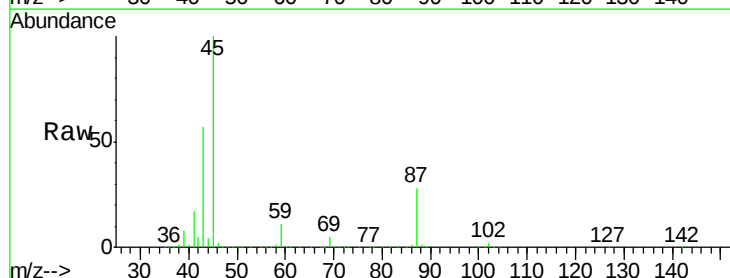
Ion Ratio Lower Upper

45 100

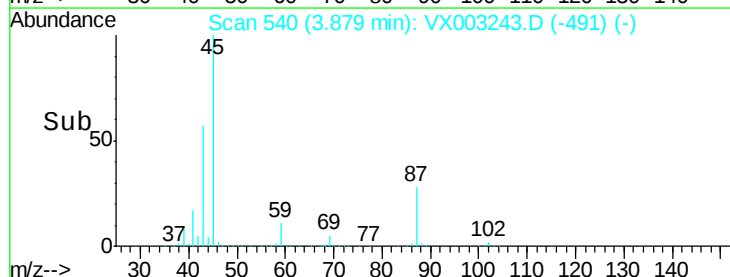
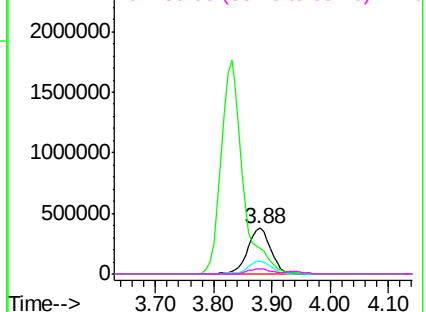
43 56.6 46.8 70.2

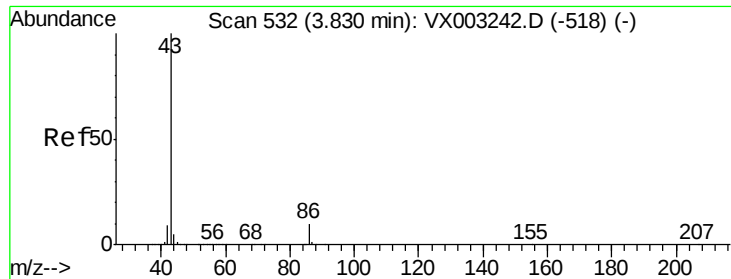
87 28.0 20.2 30.4

59 11.3 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: 541.32 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

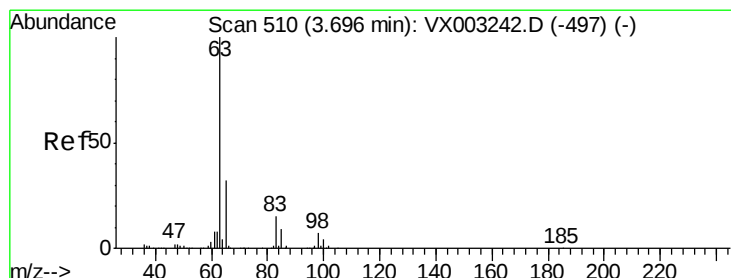
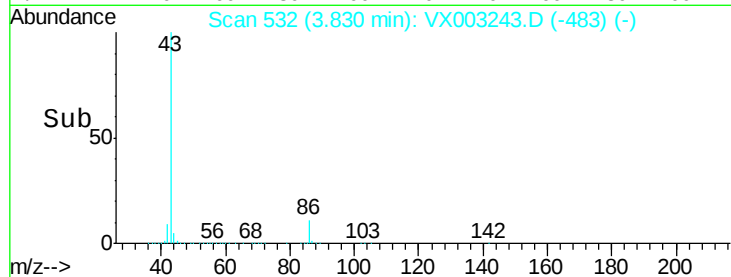
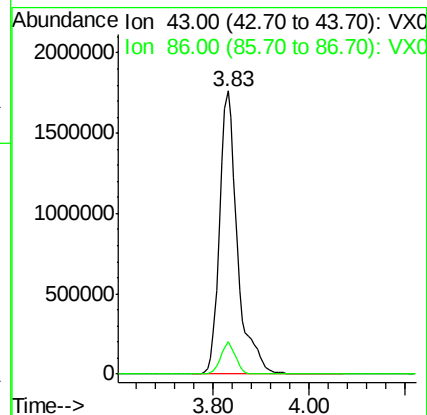
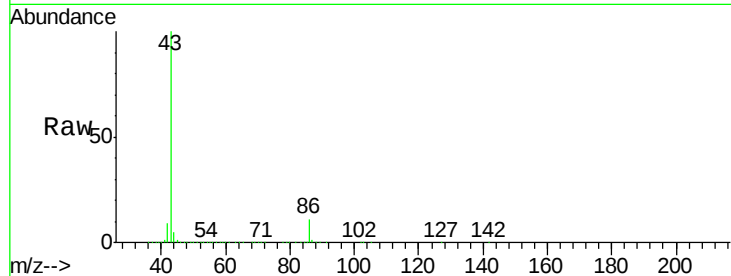
VSTDIC100

Tot Ion: 43 Resp: 4552843

Ion Ratio Lower Upper

43 100

86 11.4 7.4 11.0#



#24

1,1-Dichloroethane

Concen: 98.77 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

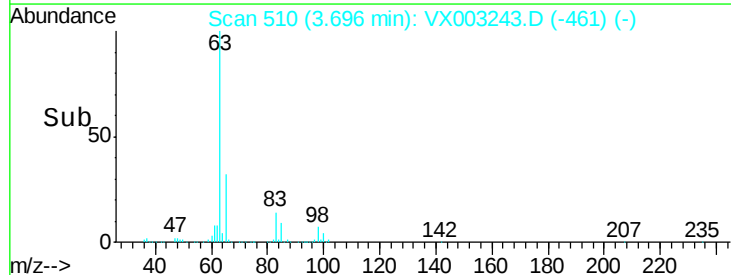
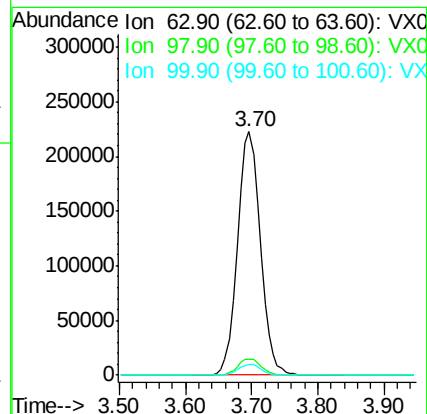
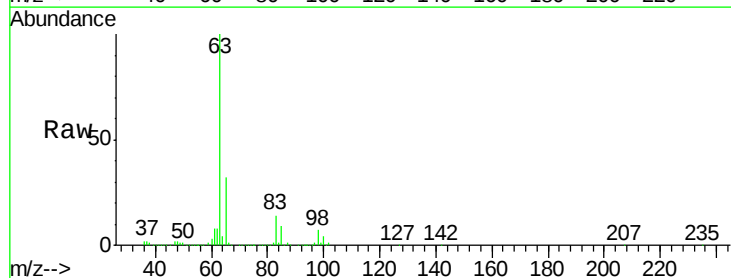
Tgt Ion: 63 Resp: 533218

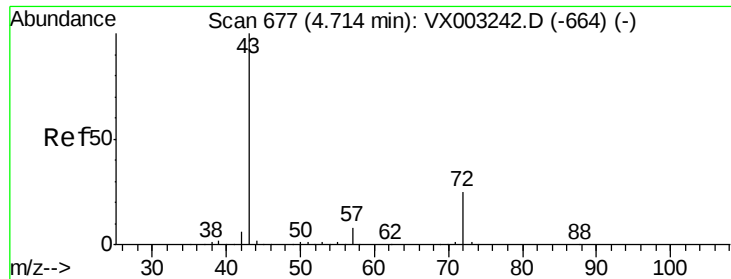
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 544.87 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

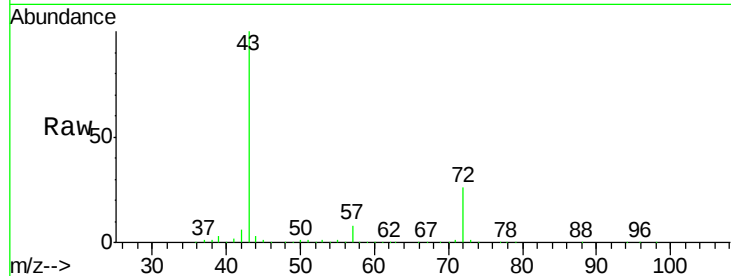
VSTDIC100

Tot Ion: 43 Resp: 1237181

Ion Ratio Lower Upper

43 100

72 25.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

400000

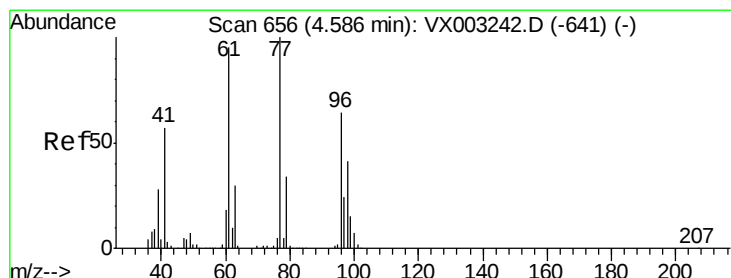
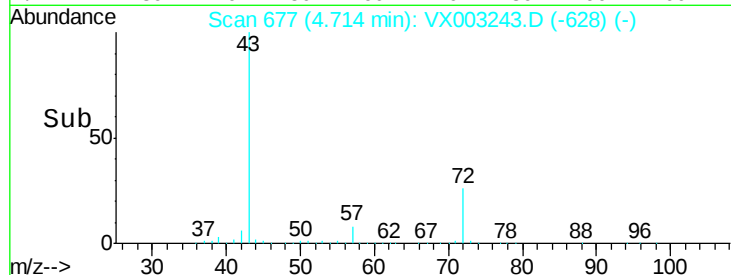
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 112.11 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003243.D

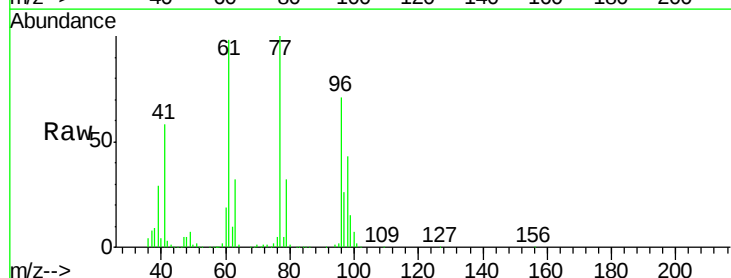
Acq: 09 Jul 2018 13:09

Tgt Ion: 77 Resp: 492147

Ion Ratio Lower Upper

77 100

97 24.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

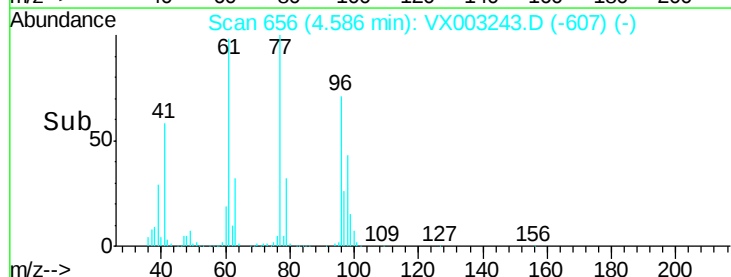
150000

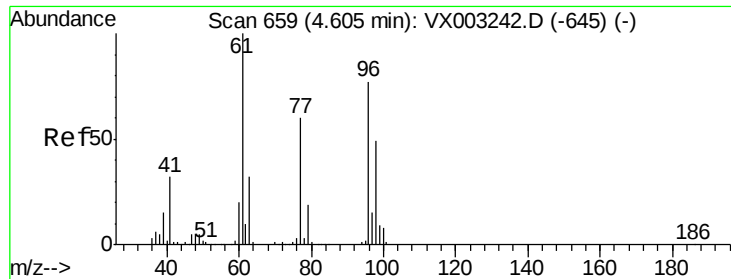
100000

50000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 118.41 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

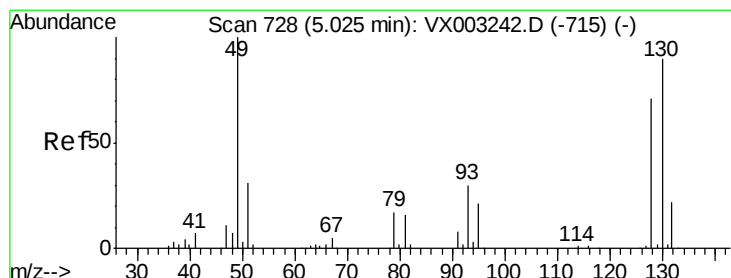
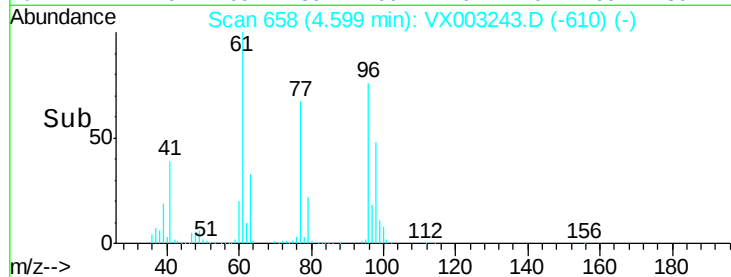
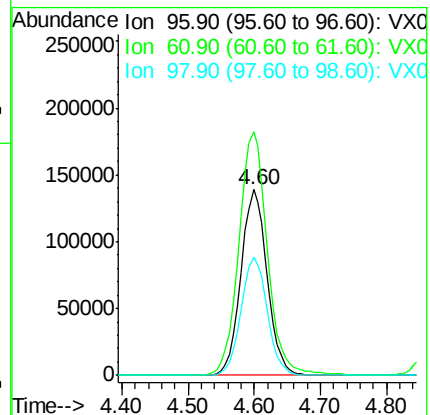
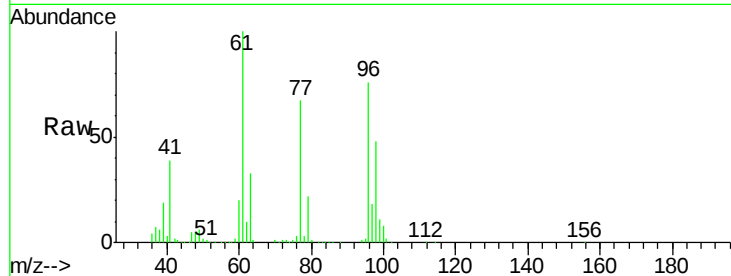
Tot Ion: 96 Resp: 381183

Ion Ratio Lower Upper

96 100

61 143.5 0.0 330.2

98 64.0 0.0 130.2



#28

Bromochloromethane

Concen: 102.49 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

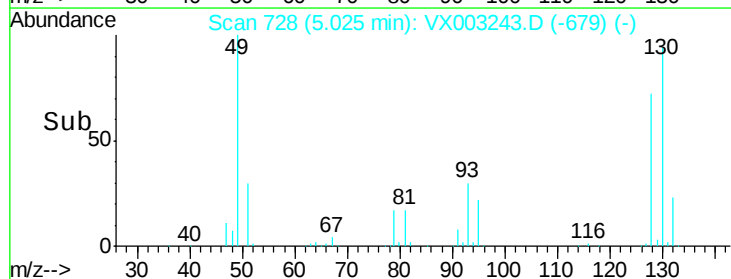
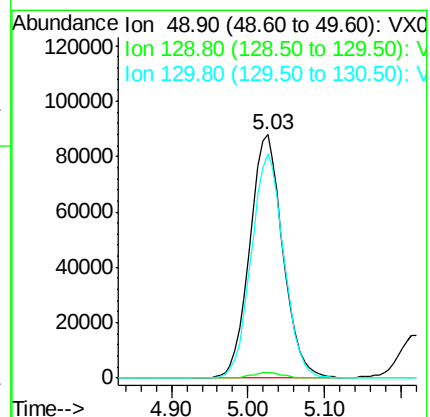
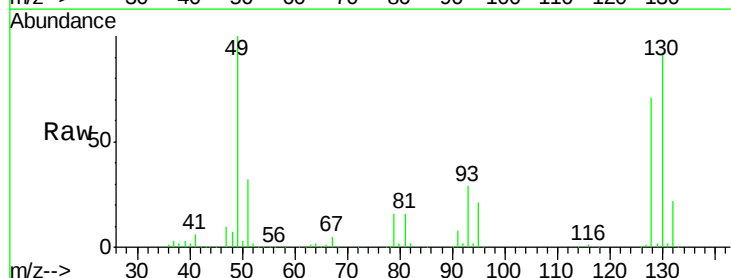
Tgt Ion: 49 Resp: 264829

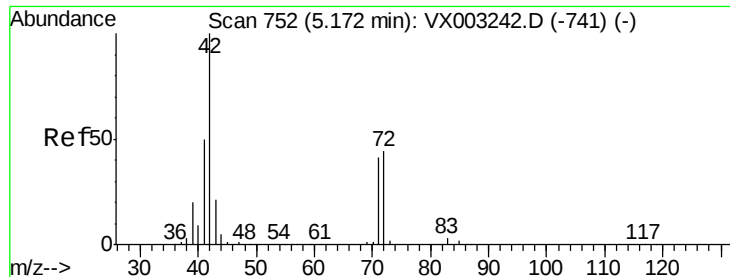
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 90.9 61.2 91.8

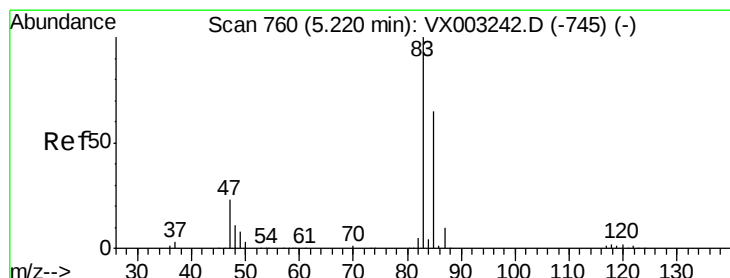
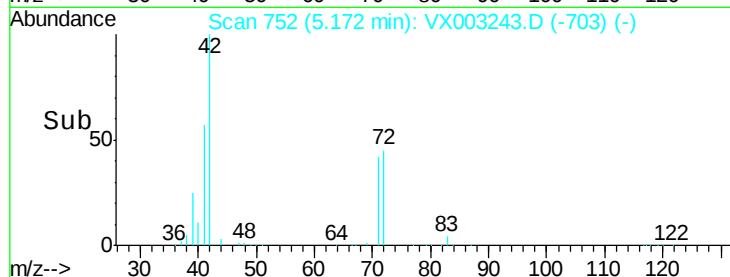
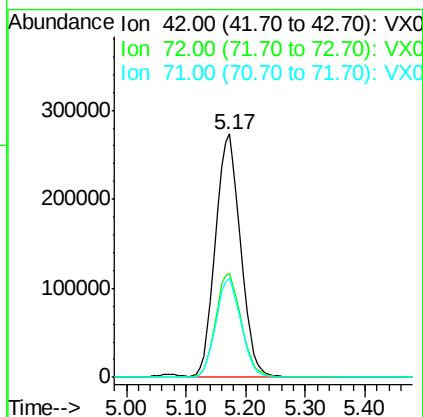
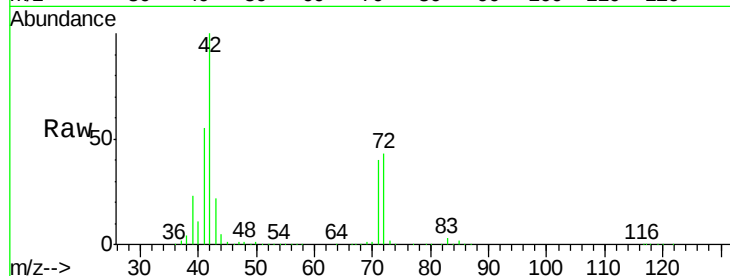




#29
Tetrahydrofuran
Concen: 547.71 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

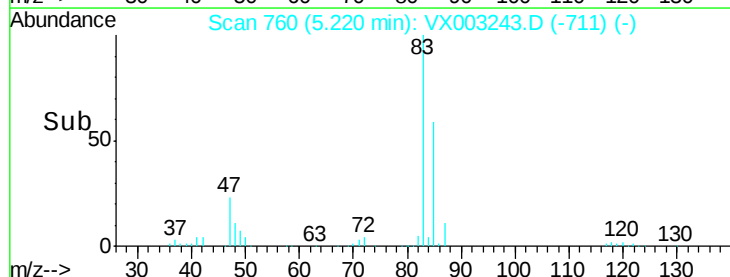
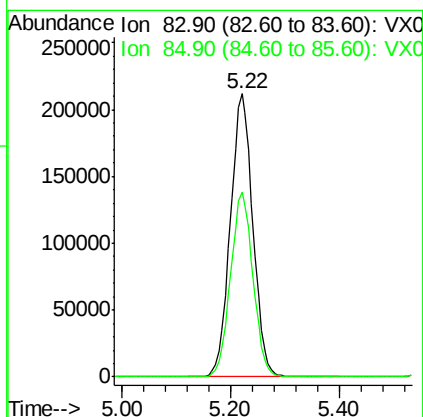
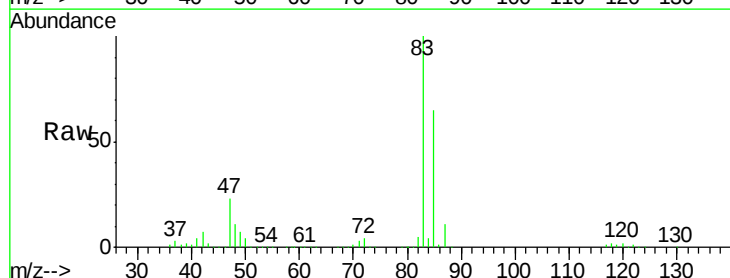
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

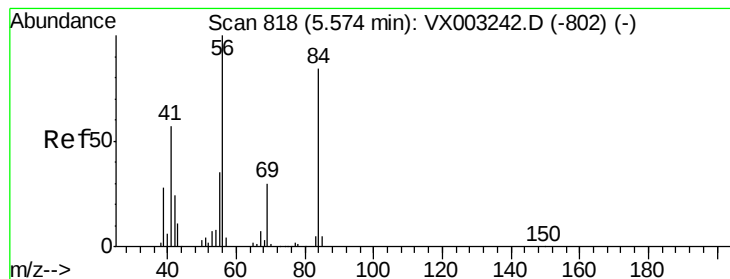
Tot Ion: 42 Resp: 797512
Ion Ratio Lower Upper
42 100
72 43.6 32.0 48.0
71 40.7 30.1 45.1



#30
Chloroform
Concen: 110.14 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 83 Resp: 610197
Ion Ratio Lower Upper
83 100
85 65.2 50.4 75.6





#31

Cyclohexane

Concen: 116.89 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

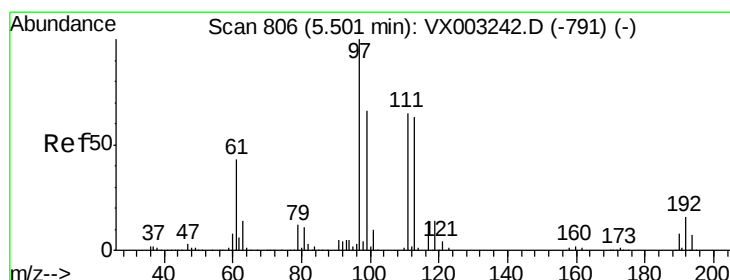
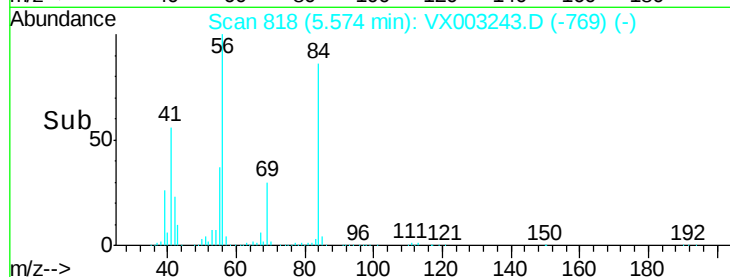
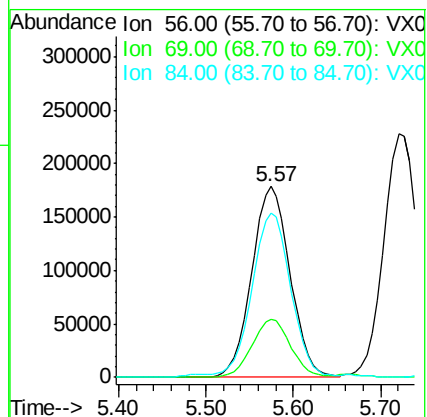
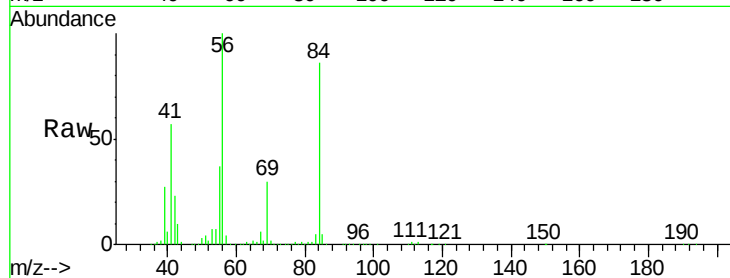
Tot Ion: 56 Resp: 541580

Ion Ratio Lower Upper

56 100

69 30.4 23.7 35.5

84 84.8 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 114.65 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

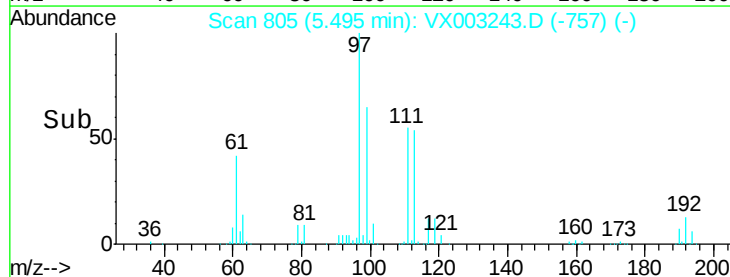
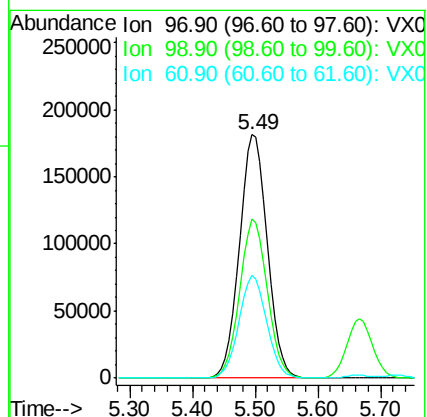
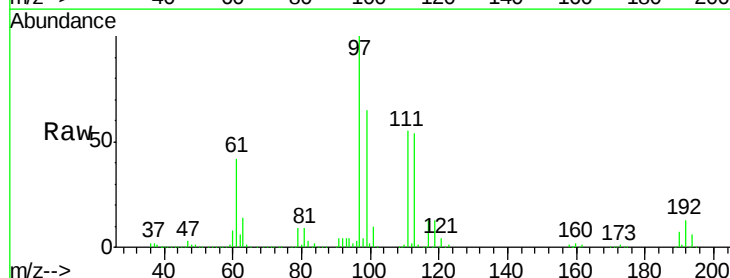
Tgt Ion: 97 Resp: 558879

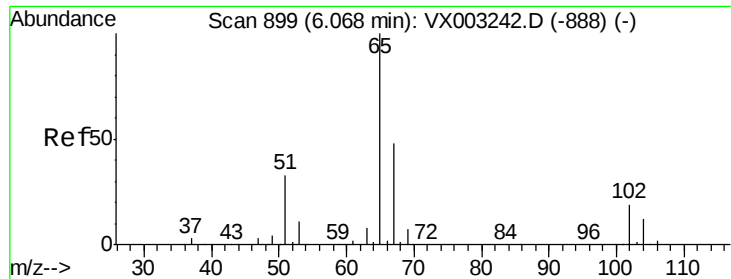
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 41.9 36.4 54.6

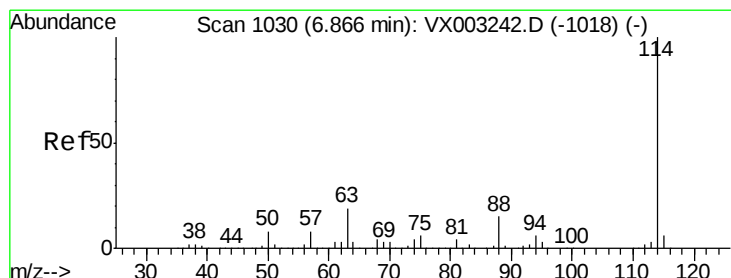
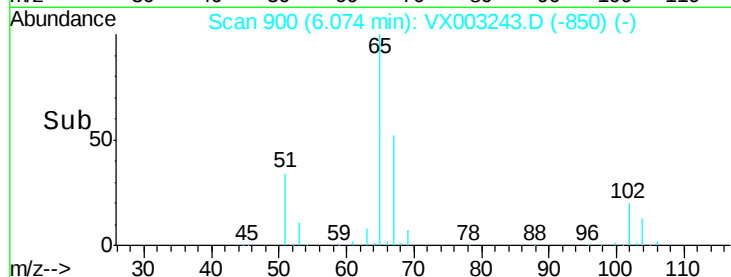
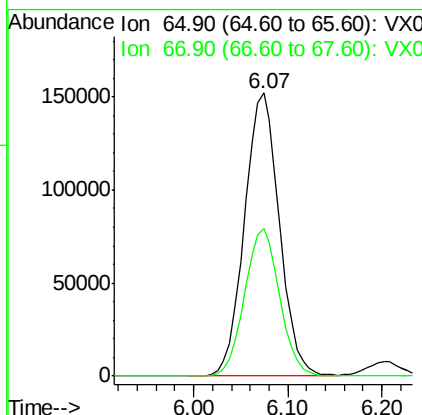
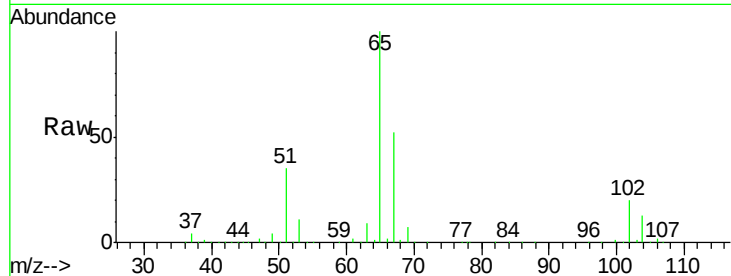




#33
 1,2-Dichloroethane-d4
 Concen: 106.90 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

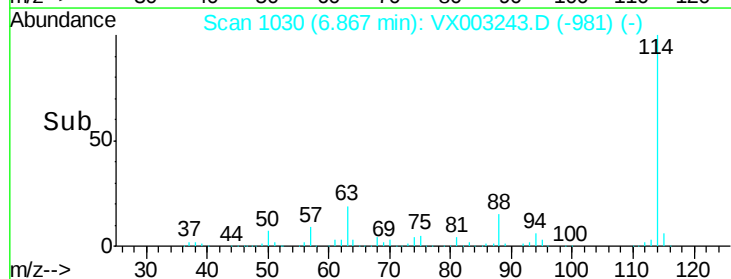
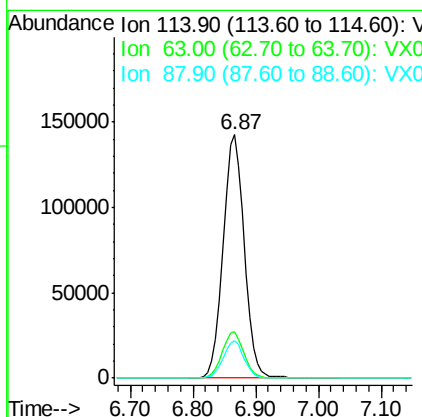
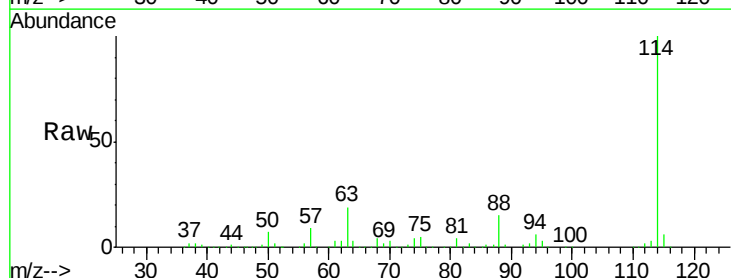
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

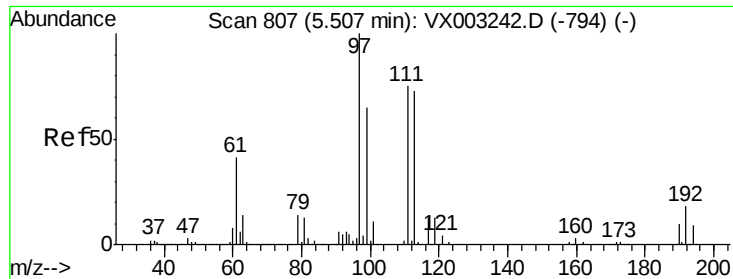
Tot Ion: 65 Resp: 394938
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

Tgt Ion: 114 Resp: 333155
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.4
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 131.13 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

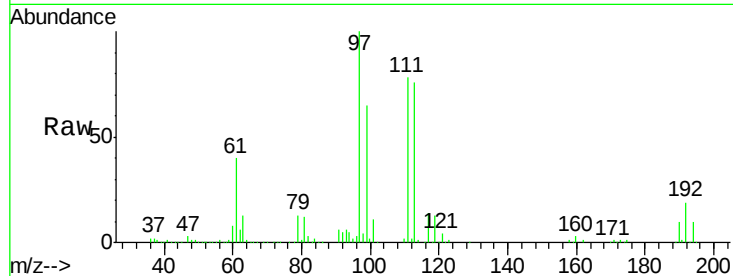
Tot Ion:113 Resp: 345949

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

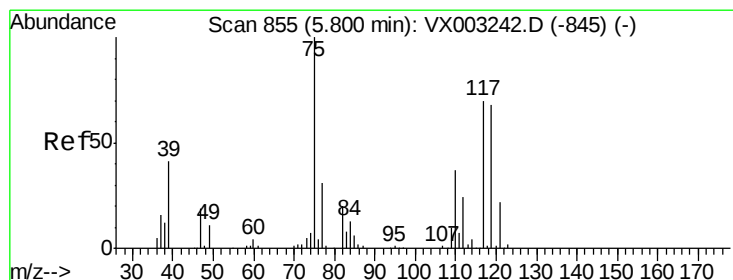
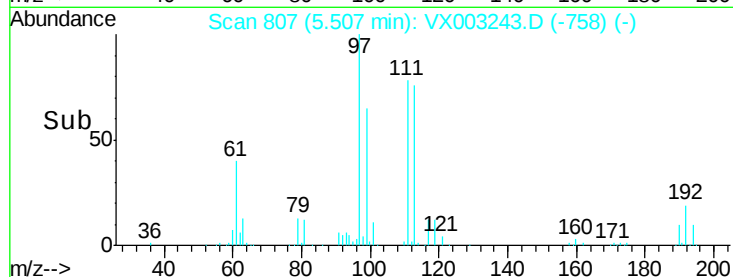
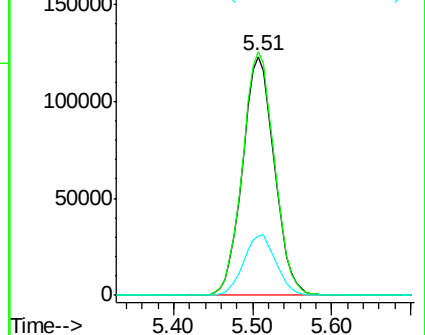
192 25.7 19.1 28.7



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: 124.17 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

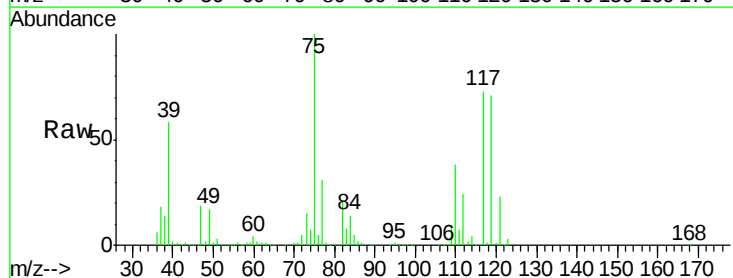
Tgt Ion: 75 Resp: 453645

Ion Ratio Lower Upper

75 100

110 38.2 18.1 54.4

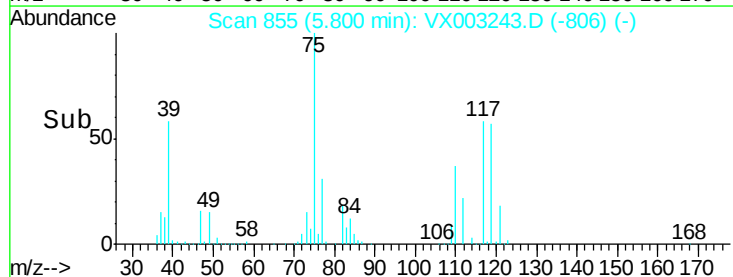
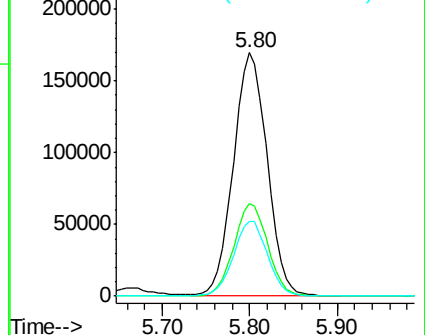
77 31.0 24.3 36.5

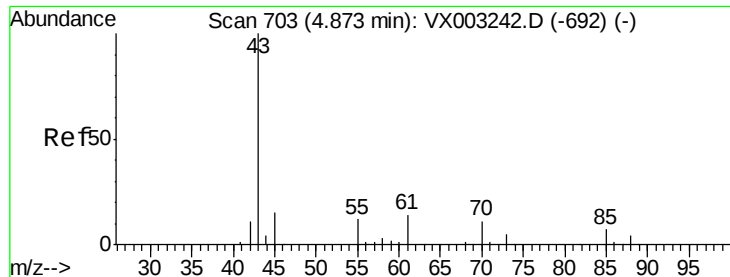


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

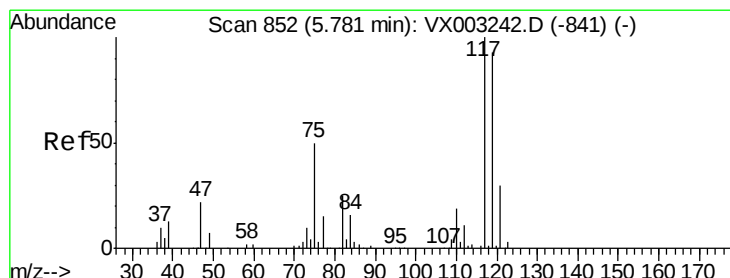
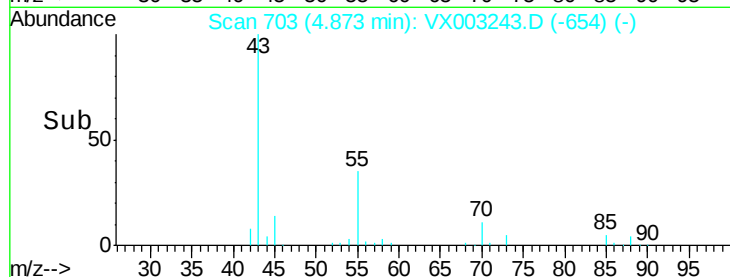
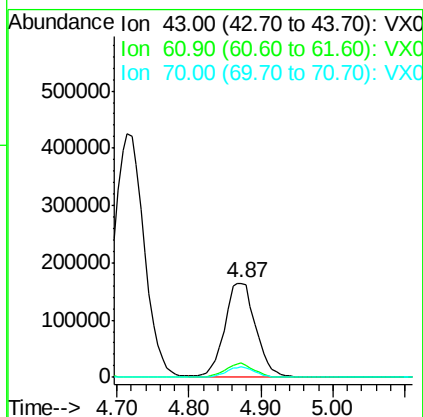
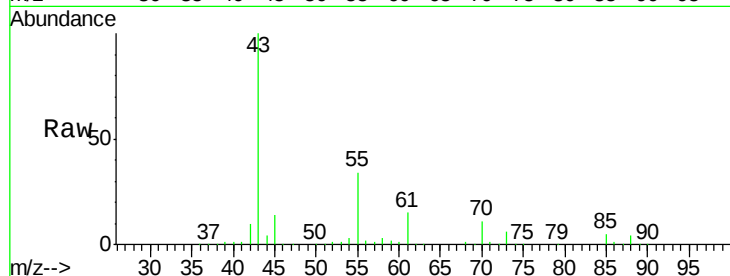




#37
Ethyl Acetate
Concen: 125.41 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

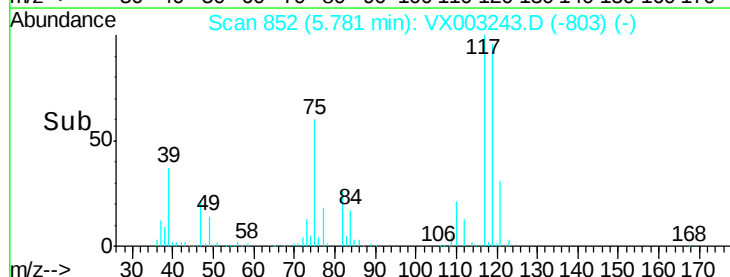
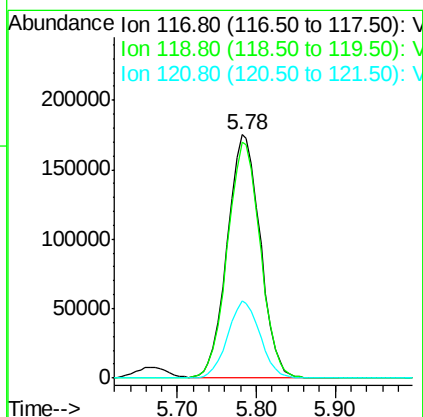
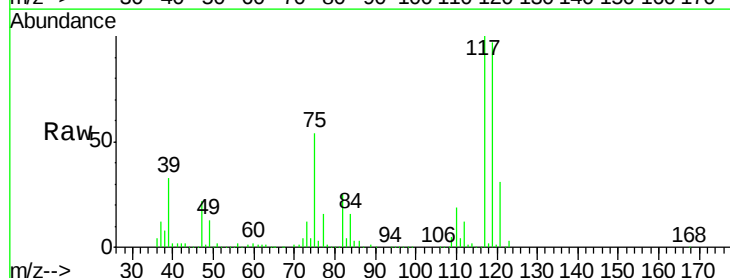
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

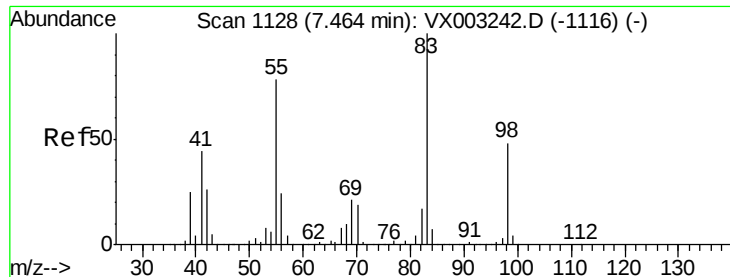
Tot Ion: 43 Resp: 493345
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 10.2 7.6 11.4



#38
Carbon Tetrachloride
Concen: 127.12 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 117 Resp: 509640
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0
121 31.5 24.4 36.6

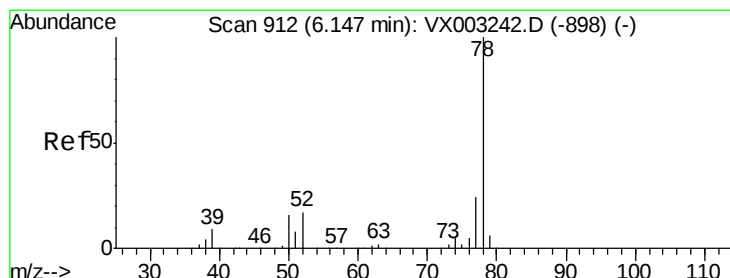
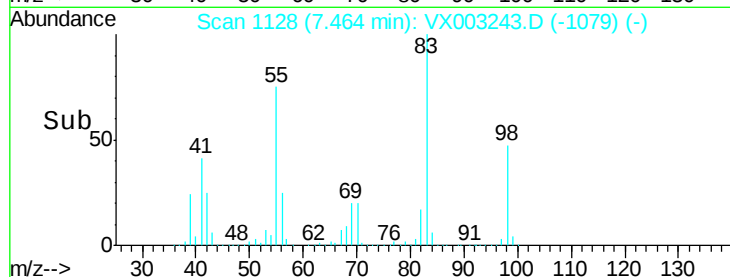
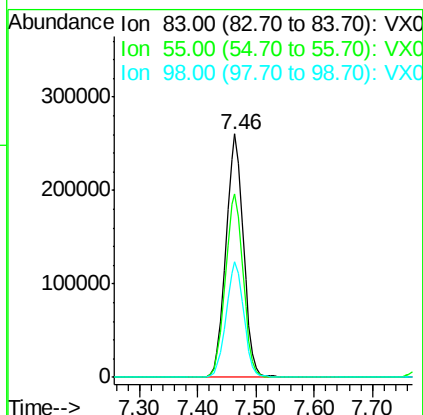
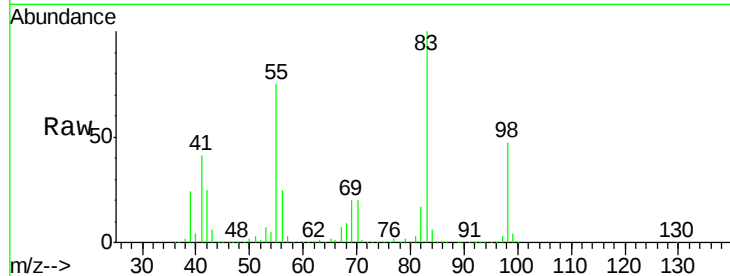




#39
Methvlcvclohexane
Concen: 128.20 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

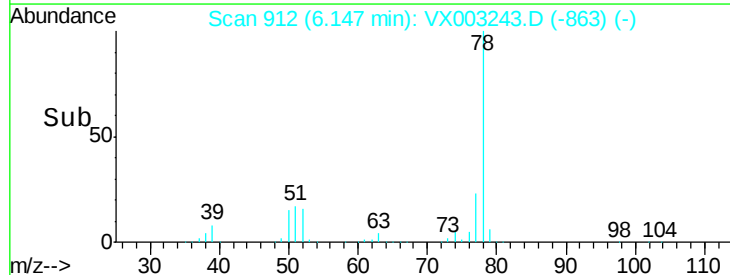
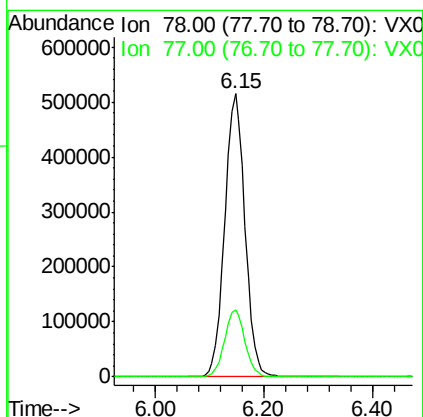
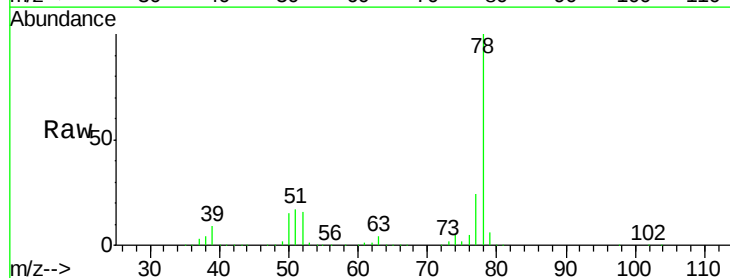
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

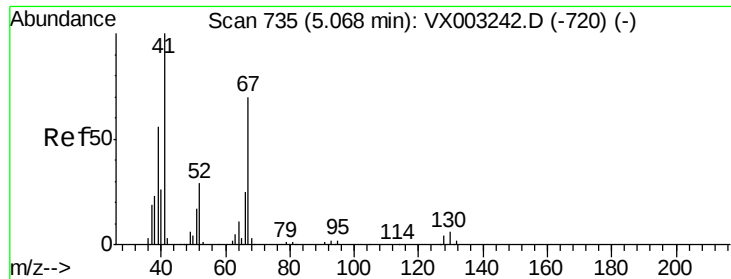
Tot Ion: 83 Resp: 545574
Ion Ratio Lower Upper
83 100
55 75.3 65.4 98.0
98 47.3 37.4 56.0



#40
Benzene
Concen: 125.75 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 78 Resp: 1334899
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

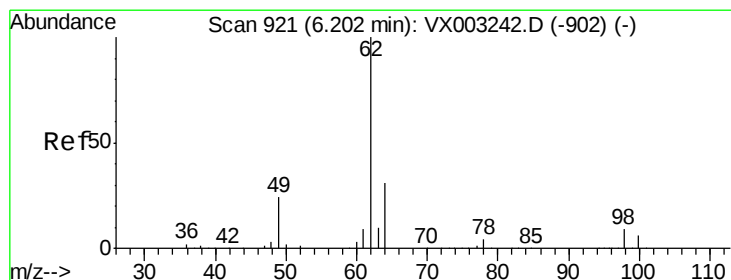
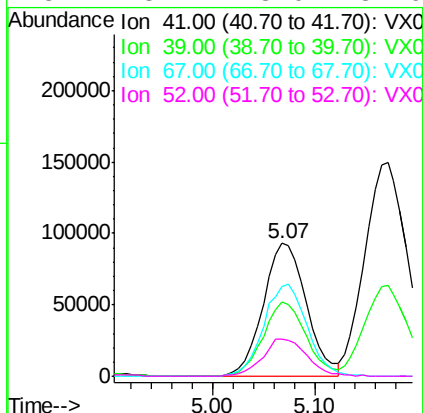
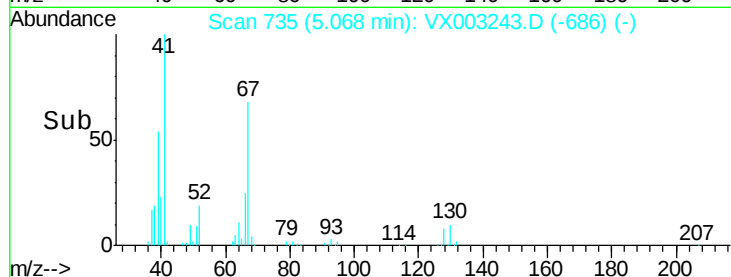
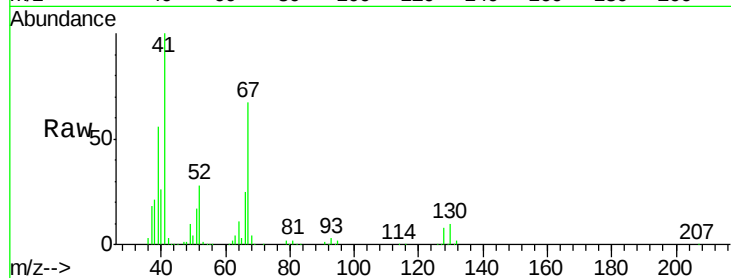




#41
Methacrylonitrile
Concen: 120.90 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

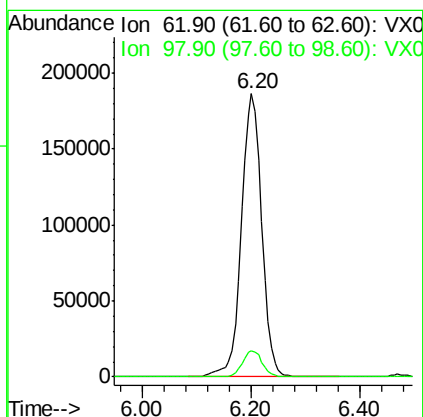
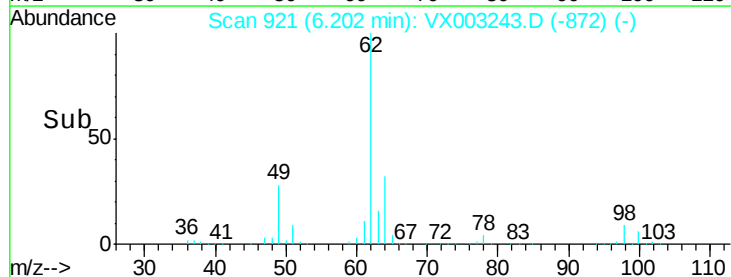
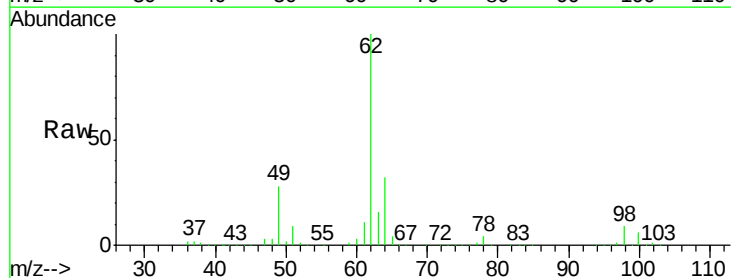
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

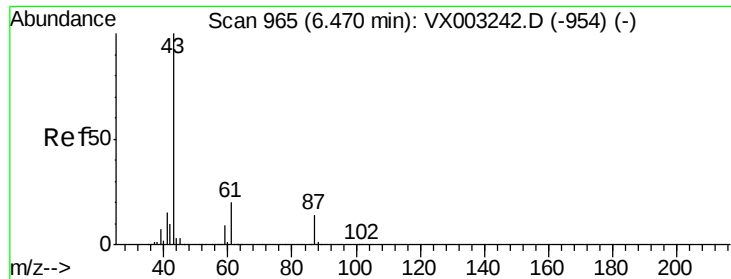
Tot Ion:	41	Resp:	273861
Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.8	68.6
67	69.6	51.3	76.9
52	28.4	23.0	34.6



#42
1,2-Dichloroethane
Concen: 112.84 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

Tgt Ion:	62	Resp:	483860
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.6



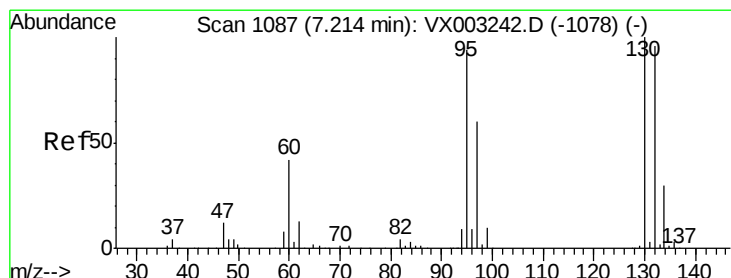
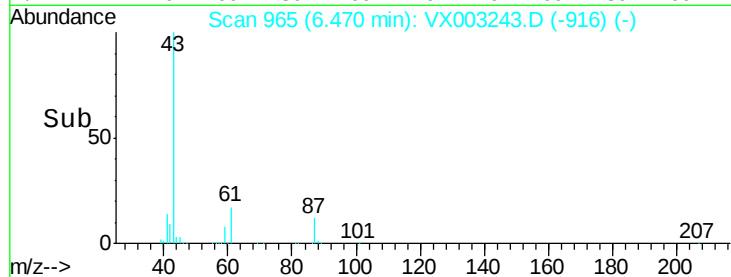
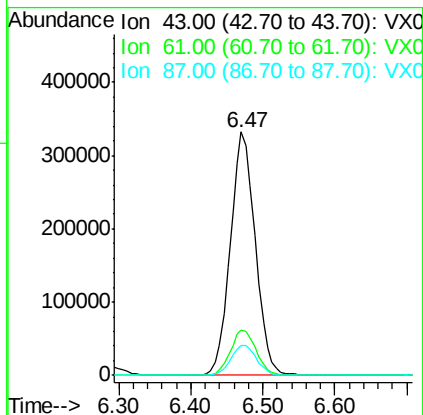
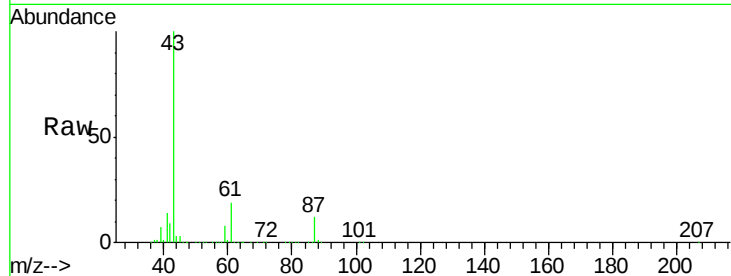


#43

Isopropyl Acetate
 Concen: 120.85 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

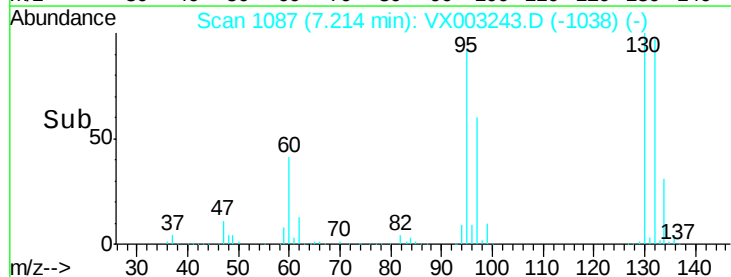
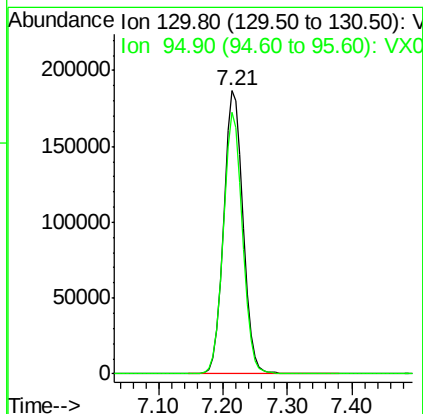
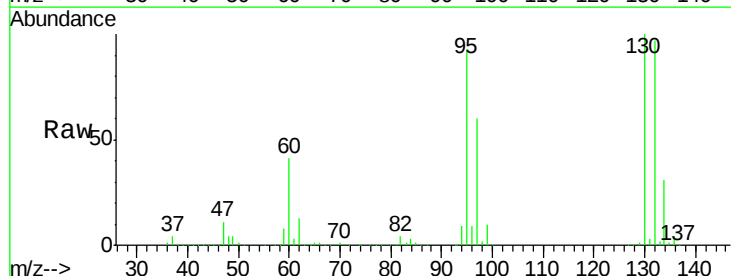
Tot Ion	43	Resp	797308
Ion Ratio	Lower	Upper	
43	100		
61	19.2	14.4	21.6
87	13.0	9.5	14.3

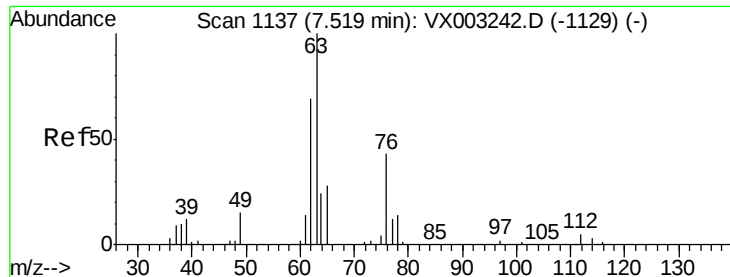


#44

Trichloroethene
 Concen: 125.56 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

Tgt Ion	130	Resp	397390
Ion Ratio	Lower	Upper	
130	100		
95	92.4	0.0	185.4





#45

1,2-Dichloropropane

Concen: 122.10 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

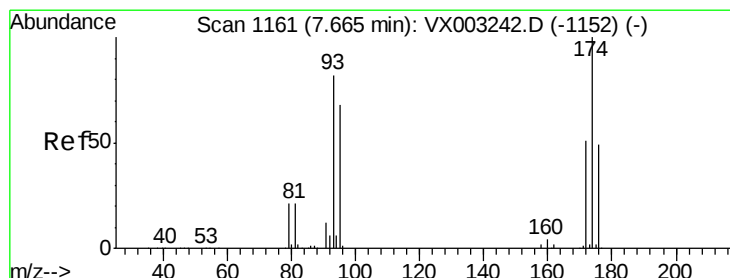
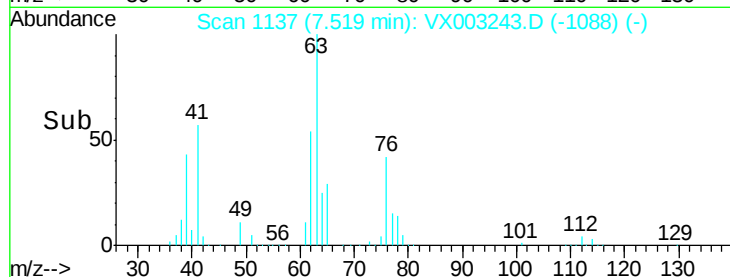
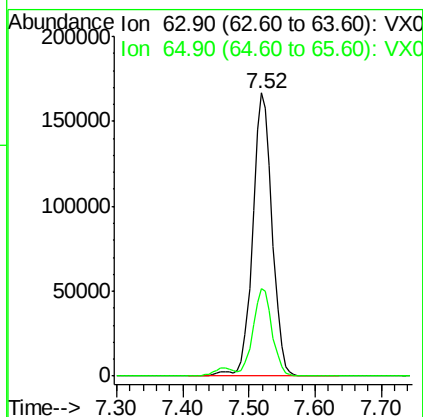
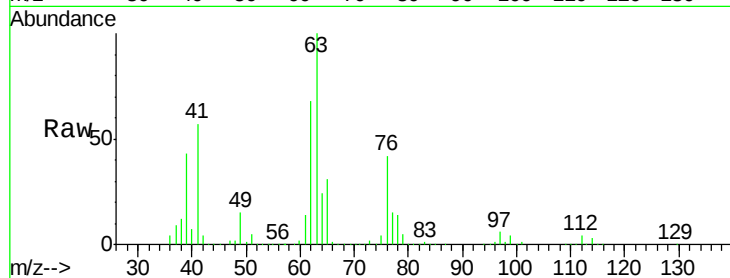
VSTDIC100

Tot Ion: 63 Resp: 343811

Ion Ratio Lower Upper

63 100

65 31.0 24.7 37.1



#46

Dibromomethane

Concen: 121.02 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

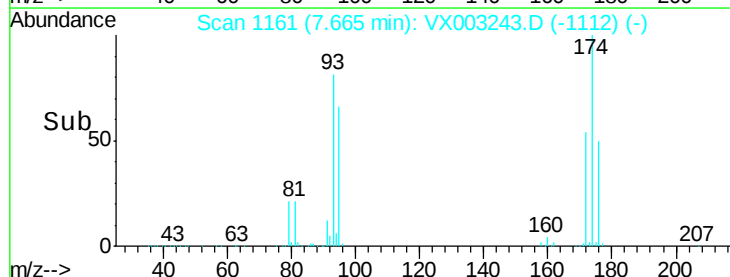
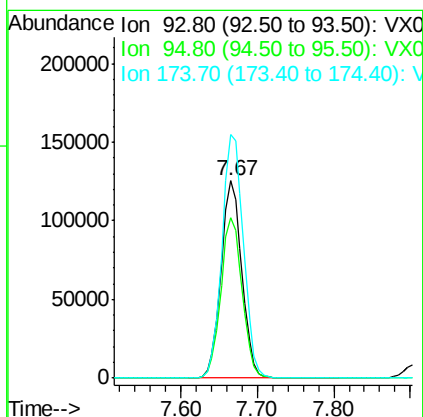
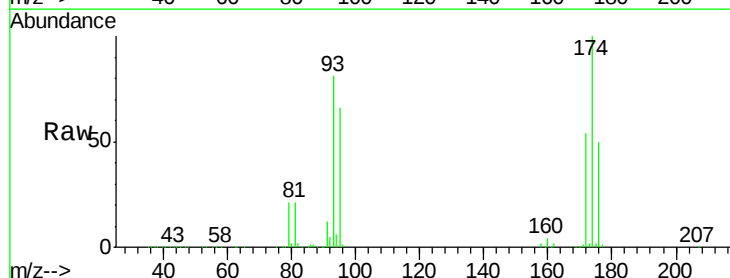
Tgt Ion: 93 Resp: 236490

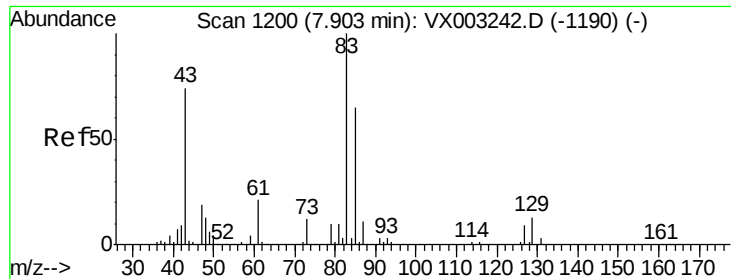
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 126.9 92.4 138.6





#47

Bromodichloromethane

Concen: 127.13 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

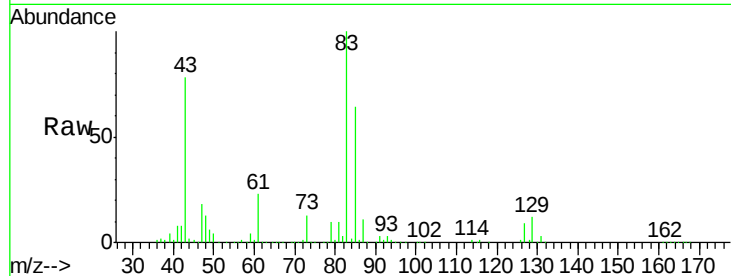
Tot Ion: 83 Resp: 459278

Ion Ratio Lower Upper

83 100

85 64.2 50.3 75.5

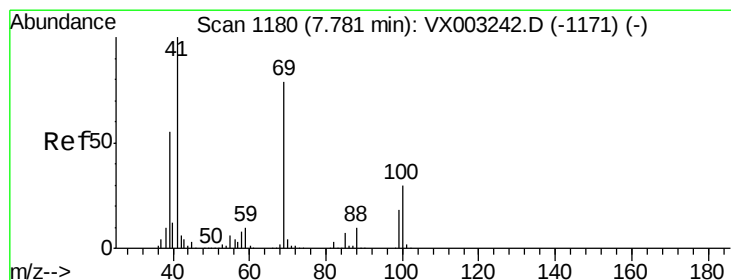
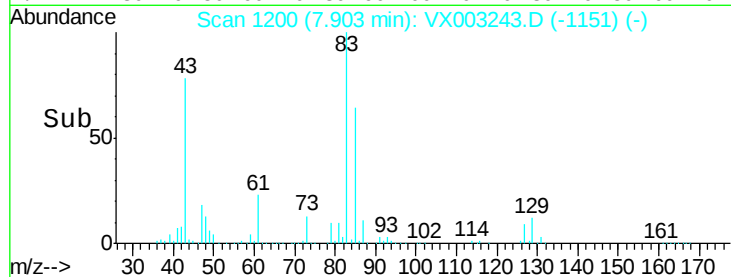
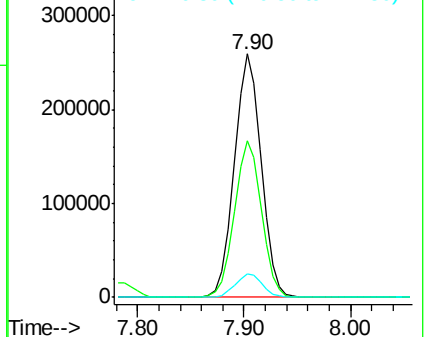
127 9.4 7.0 10.4



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: 122.29 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

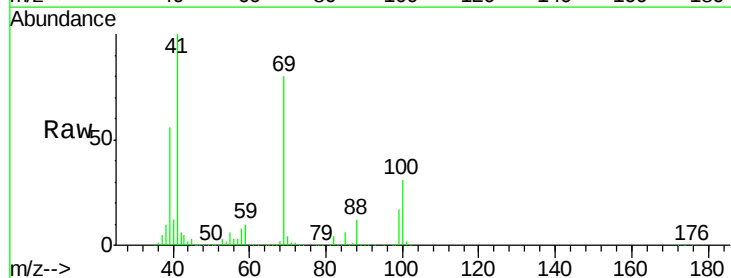
Tgt Ion: 41 Resp: 415711

Ion Ratio Lower Upper

41 100

69 80.5 59.1 88.7

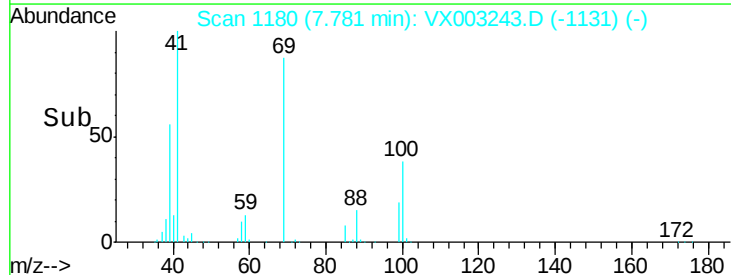
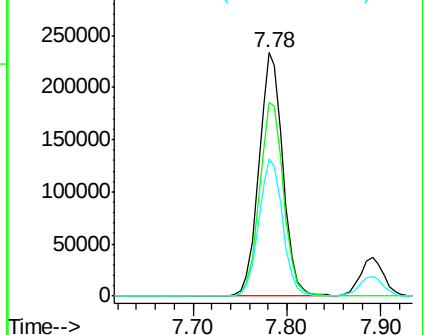
39 56.3 48.9 73.3

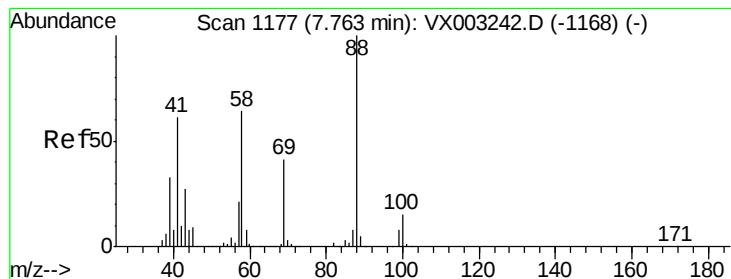


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2471.59 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

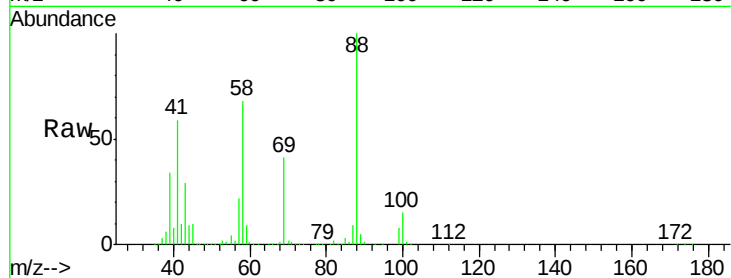
Tot Ion: 88 Resp: 163461

Ion Ratio Lower Upper

88 100

43 32.9 29.8 44.6

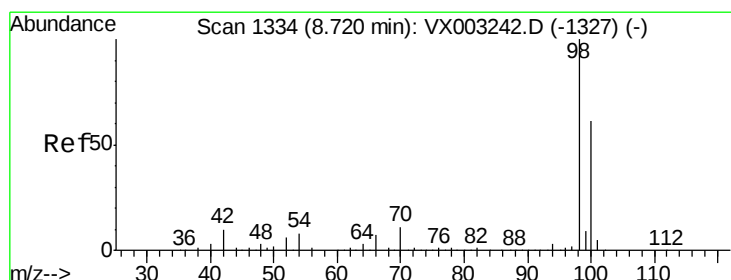
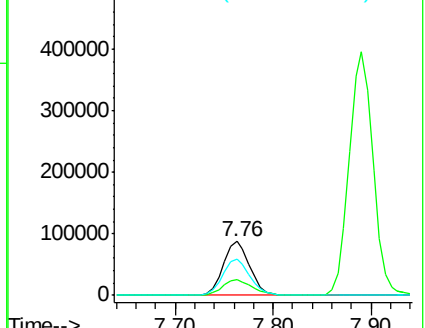
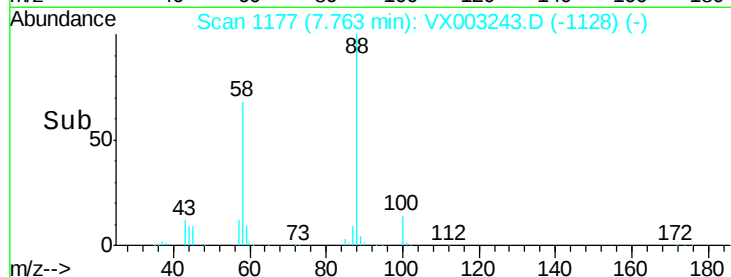
58 69.6 57.1 85.7



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: 130.52 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003243.D

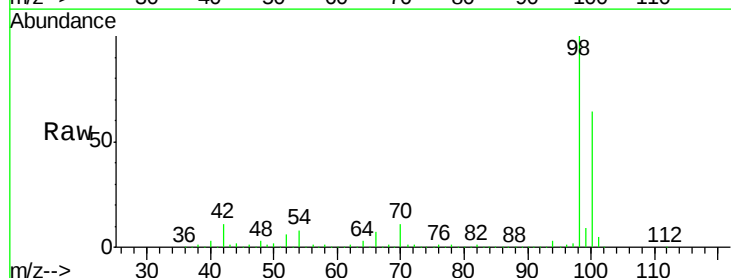
Acq: 09 Jul 2018 13:09

Tgt Ion: 98 Resp: 1257478

Ion Ratio Lower Upper

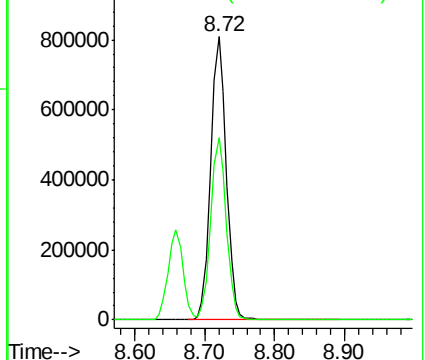
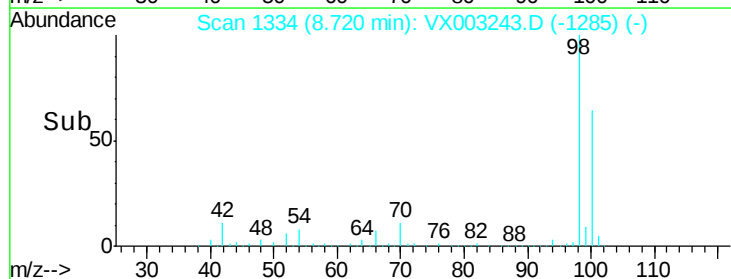
98 100

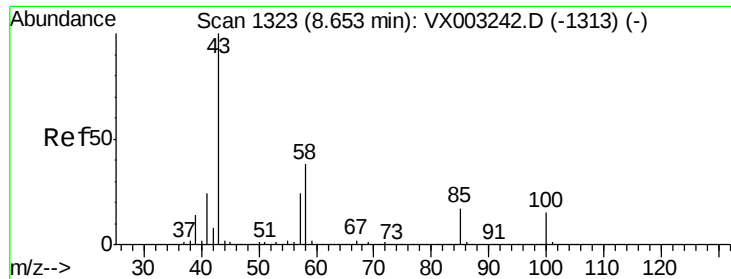
100 64.3 50.9 76.3



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: 604.20 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

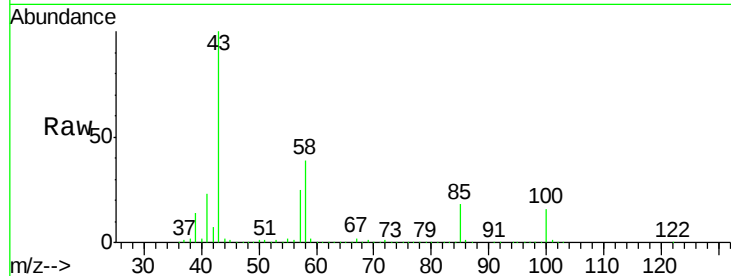
VSTDIC100

Tot Ion: 43 Resp: 2493945

Ion Ratio Lower Upper

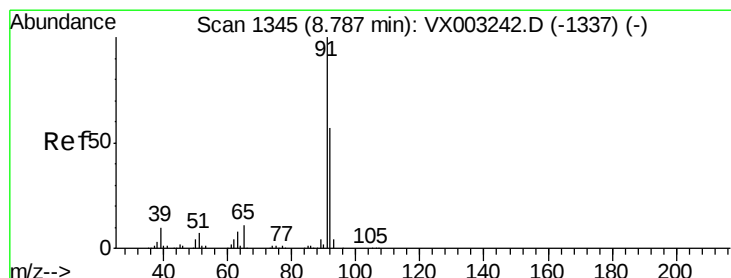
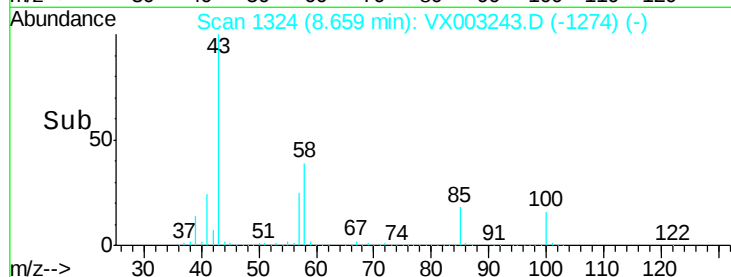
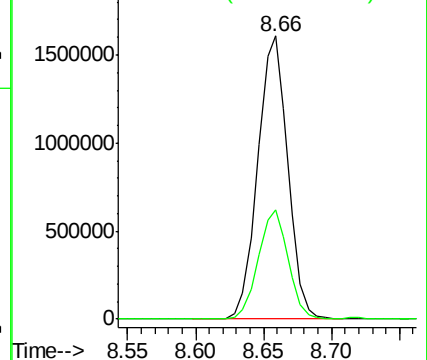
43 100

58 38.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 127.06 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003243.D

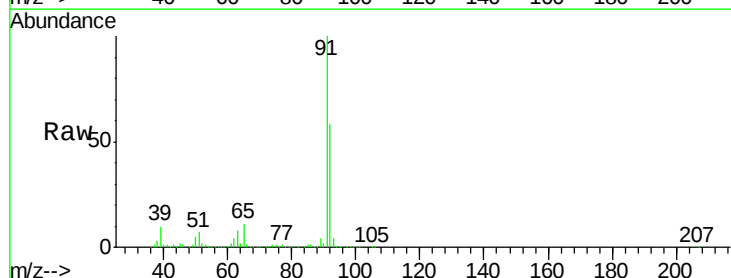
Acq: 09 Jul 2018 13:09

Tgt Ion: 92 Resp: 864049

Ion Ratio Lower Upper

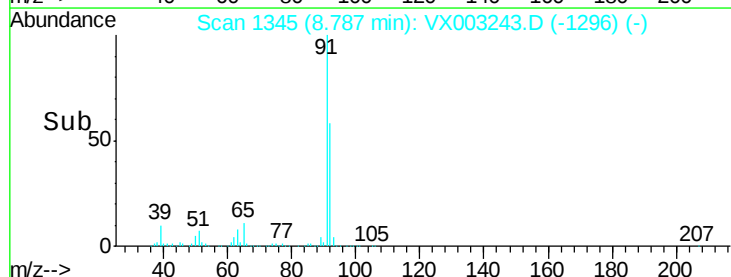
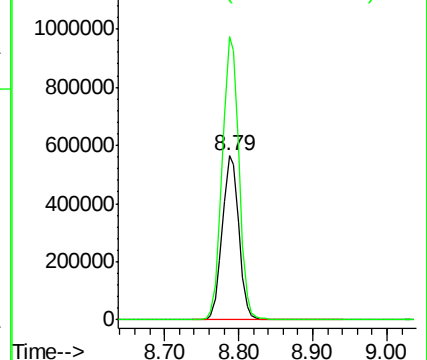
92 100

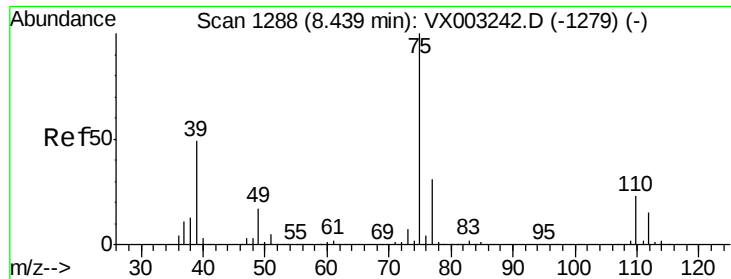
91 173.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

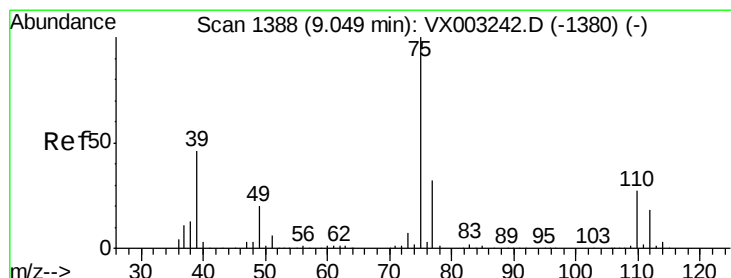
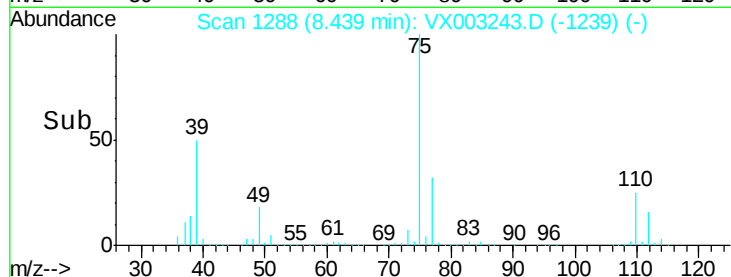
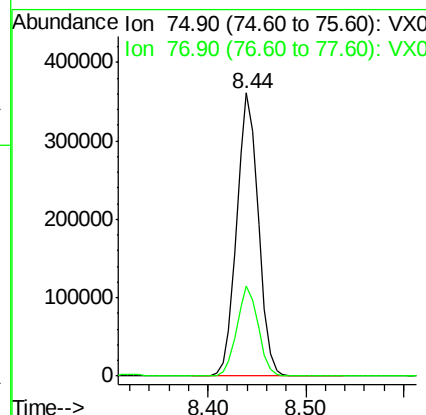
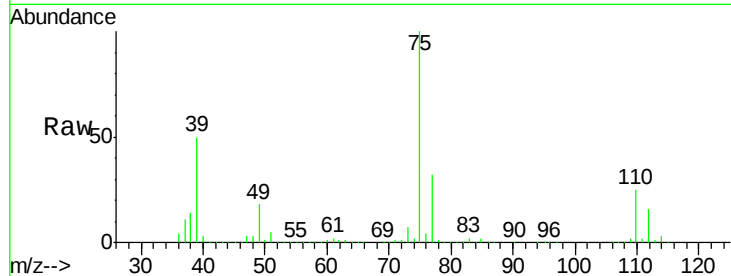




#53
 t-1,3-Dichloropropene
 Concen: 135.42 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

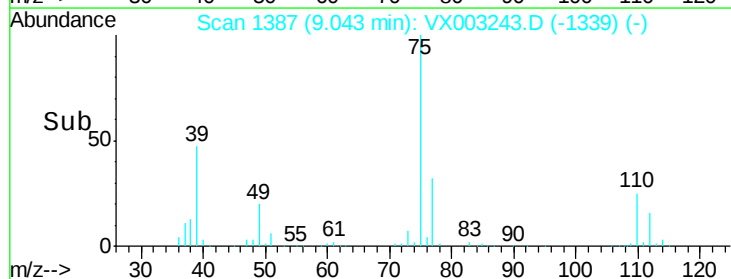
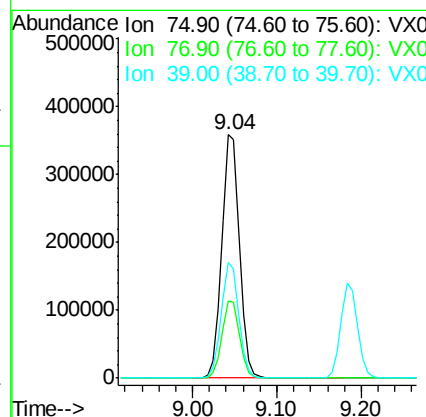
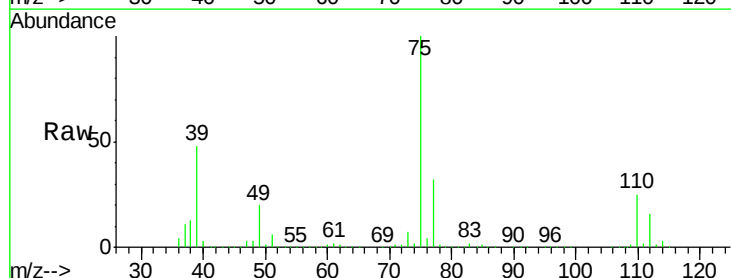
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

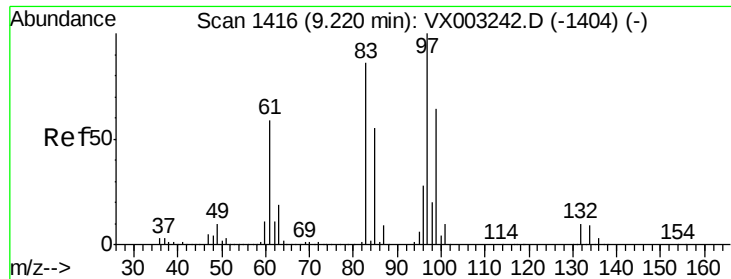
Tot Ion: 75 Resp: 554047
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 132.54 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

Tgt Ion: 75 Resp: 521783
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.8 37.2
 39 47.6 42.4 63.6

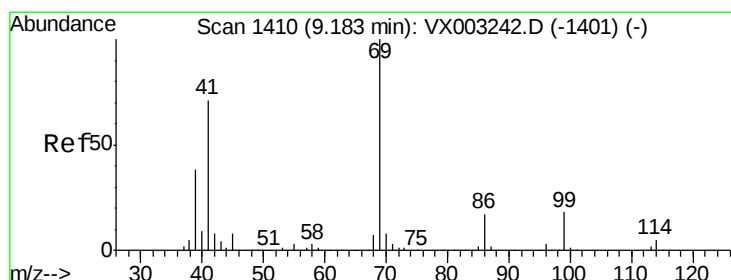
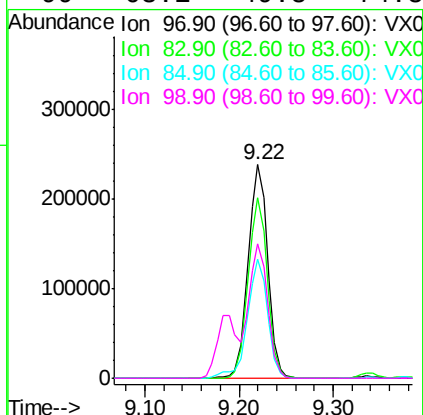
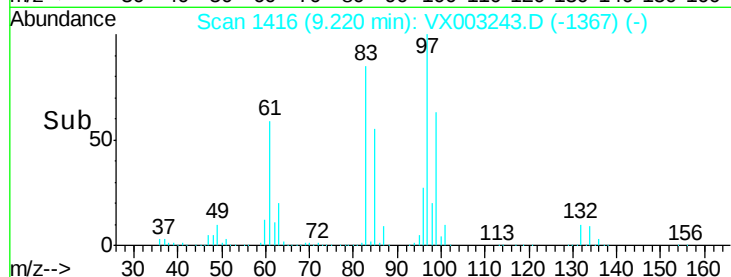
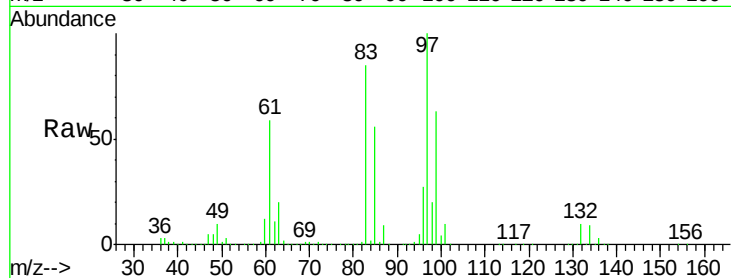




#55
 1,1,2-Trichloroethane
 Concen: 124.41 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

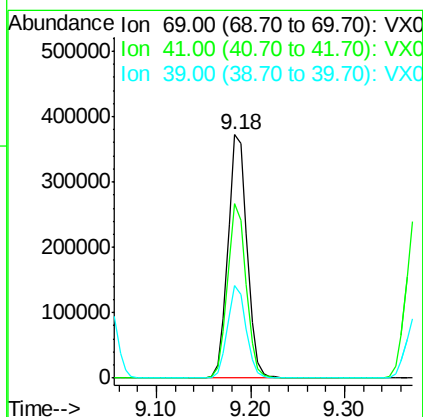
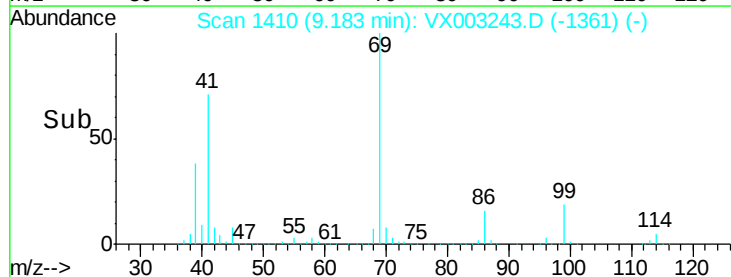
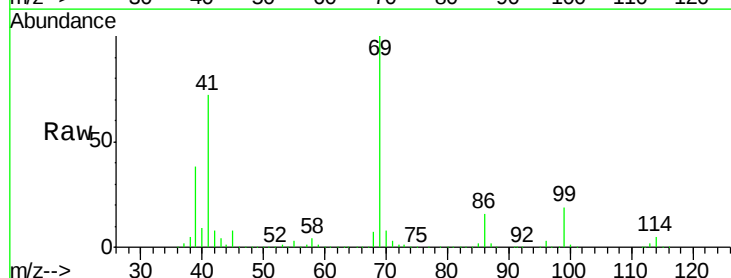
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	347660
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.2	105.2
85	55.5	44.9	67.3
99	63.1	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 128.09 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

Tgt Ion:	69	Resp:	523109
Ion	Ratio	Lower	Upper
69	100		
41	69.7	60.3	90.5
39	37.1	35.8	53.8





#57

1,3-Dichloropropane

Concen: 123.27 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

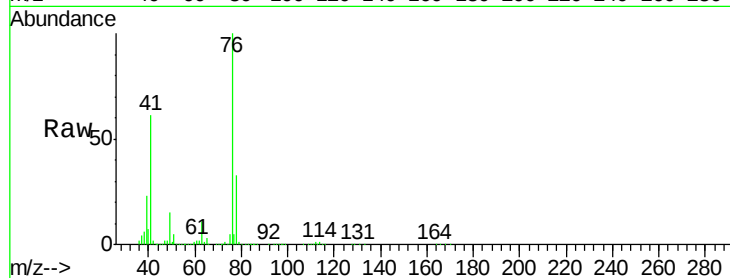
VSTDIC100

Tot Ion: 76 Resp: 565760

Ion Ratio Lower Upper

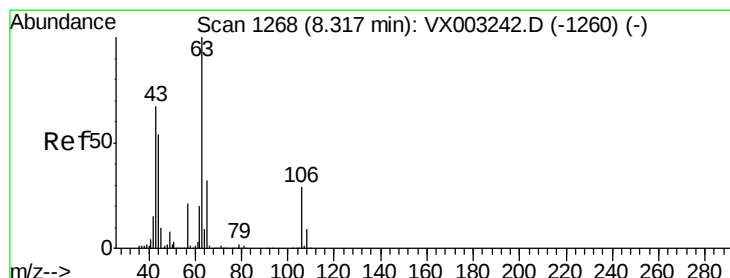
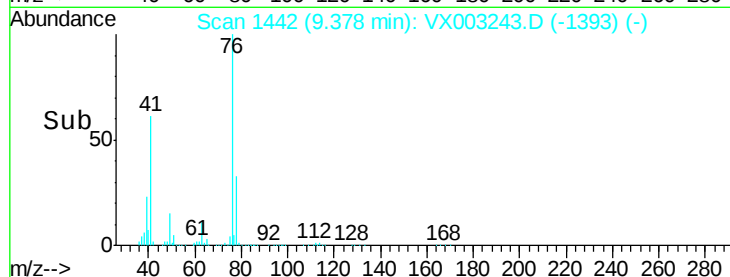
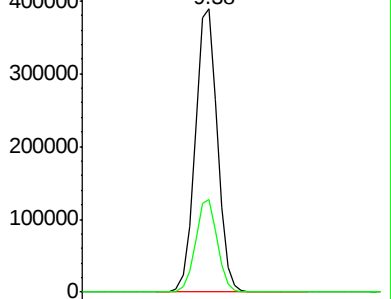
76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 652.54 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003243.D

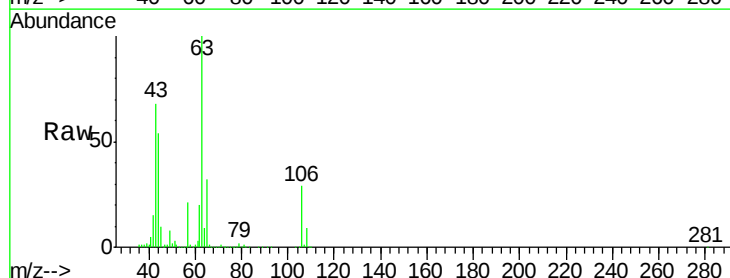
Acq: 09 Jul 2018 13:09

Tgt Ion: 63 Resp: 1285689

Ion Ratio Lower Upper

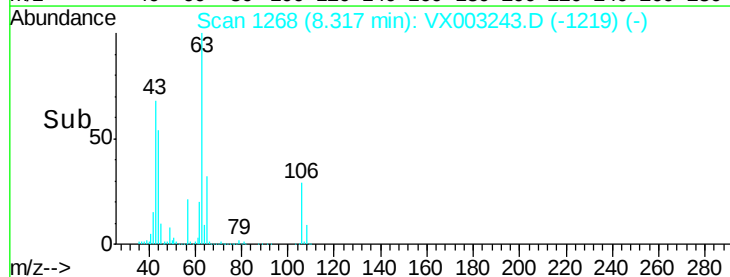
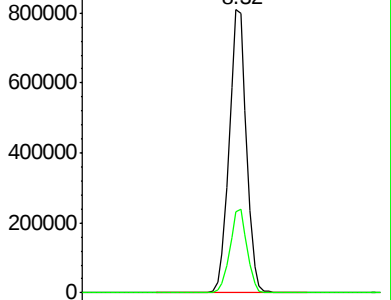
63 100

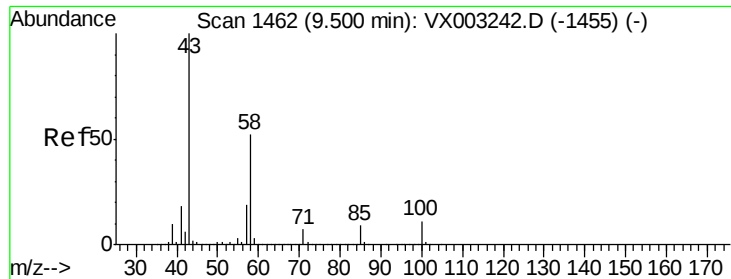
106 29.3 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

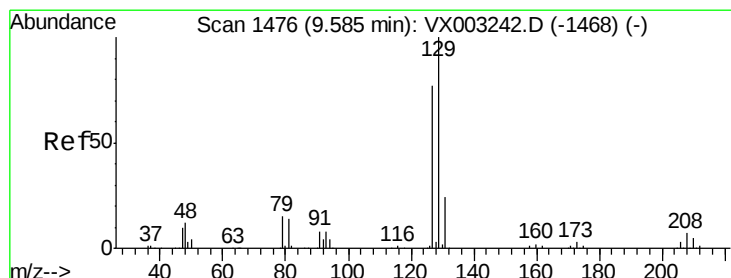
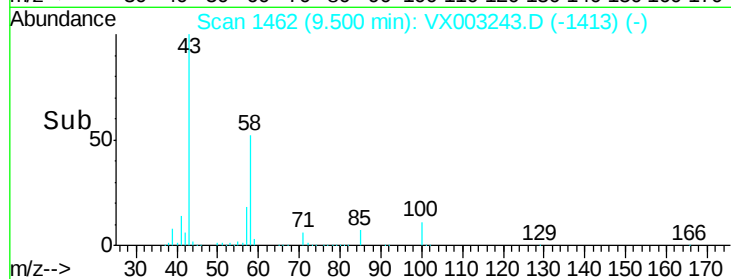
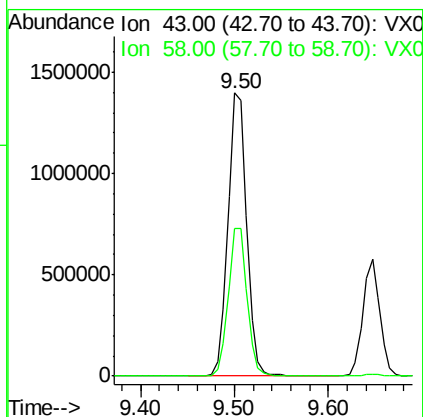
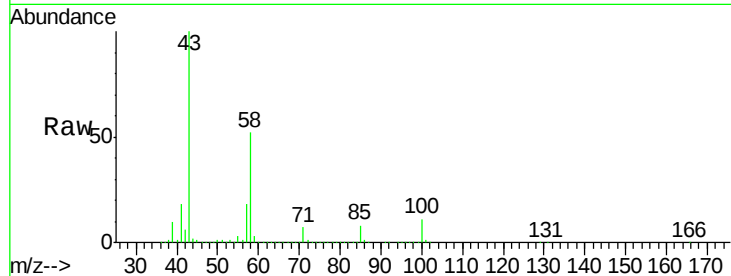




#59
2-Hexanone
Concen: 614.32 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

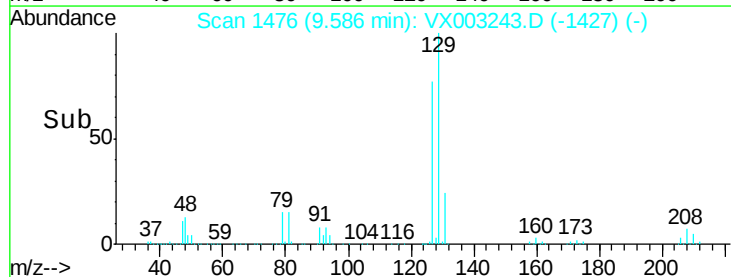
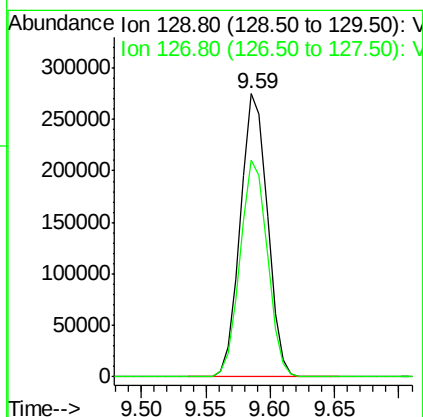
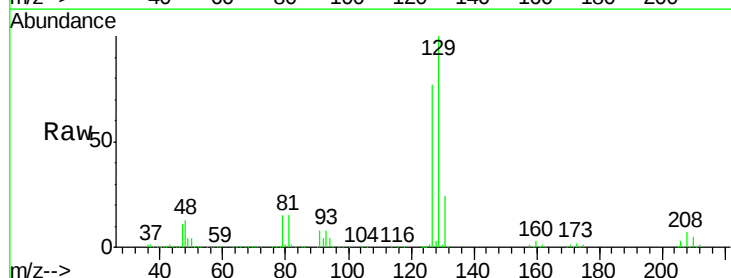
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

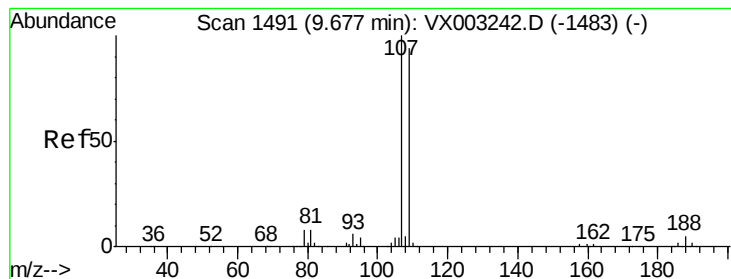
Tot Ion: 43 Resp: 1927148
Ion Ratio Lower Upper
43 100
58 52.6 24.6 73.6



#60
Dibromochloromethane
Concen: 136.09 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 129 Resp: 400341
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 128.14 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

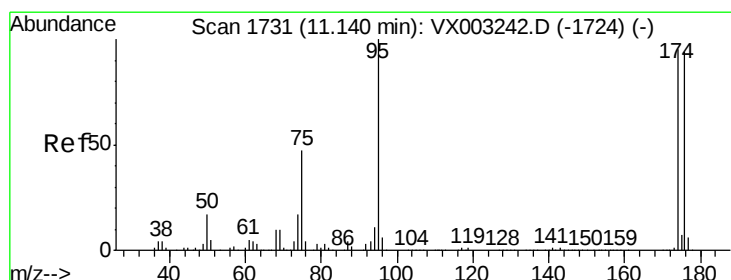
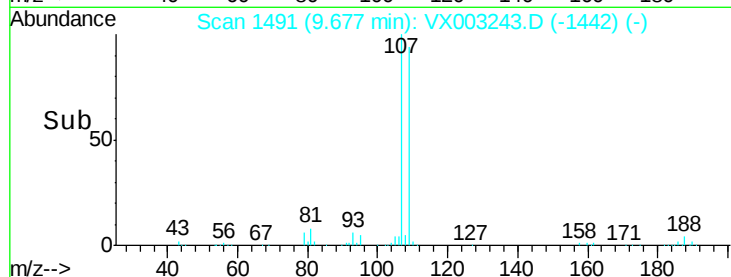
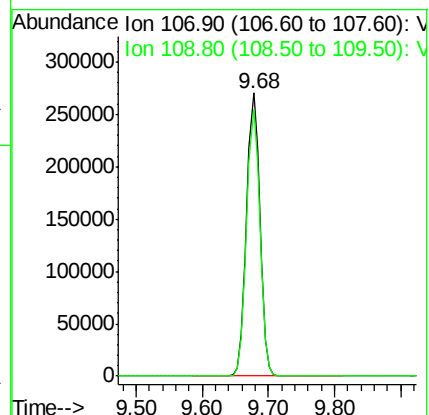
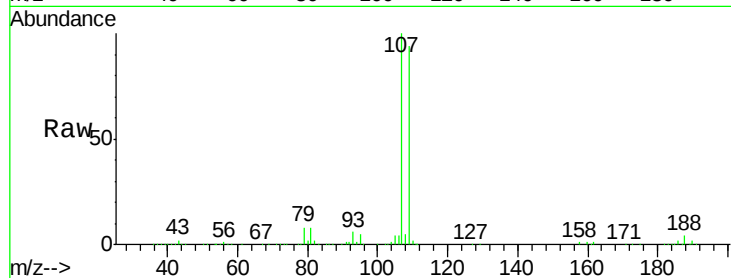
VSTDIC100

Tot Ion:107 Resp: 375599

Ion Ratio Lower Upper

107 100

109 94.1 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 128.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

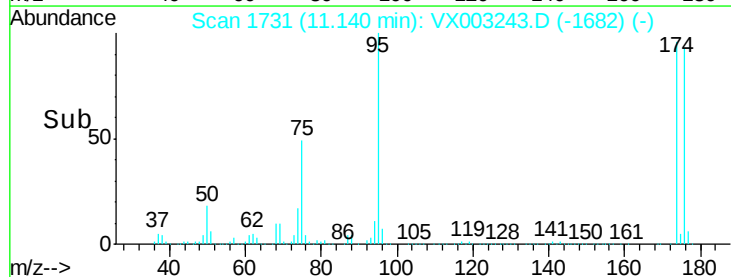
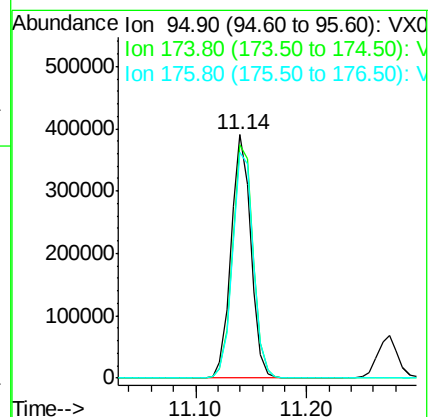
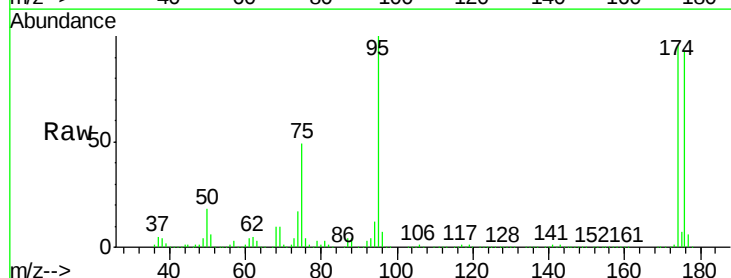
Tgt Ion: 95 Resp: 477693

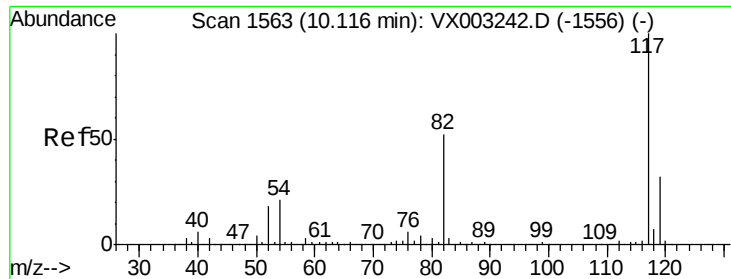
Ion Ratio Lower Upper

95 100

174 100.2 0.0 187.4

176 97.7 0.0 181.0

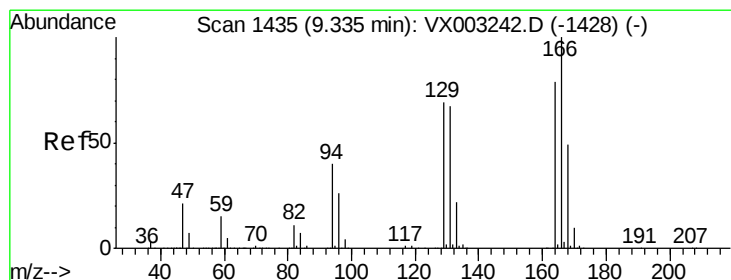
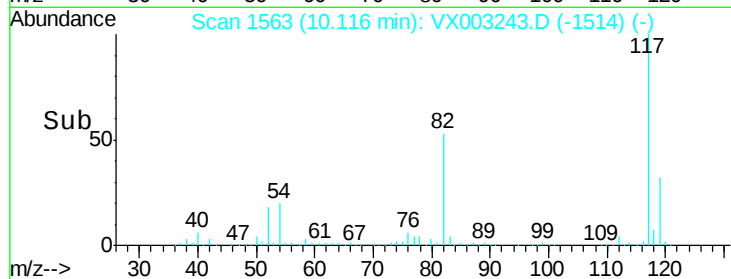
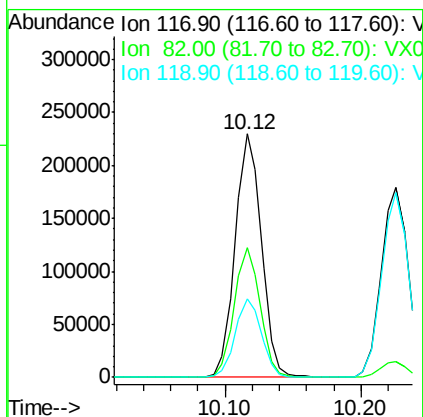
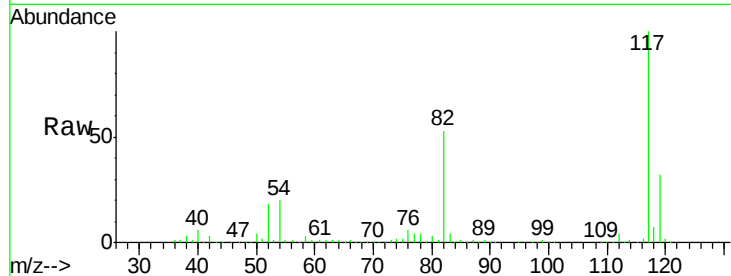




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

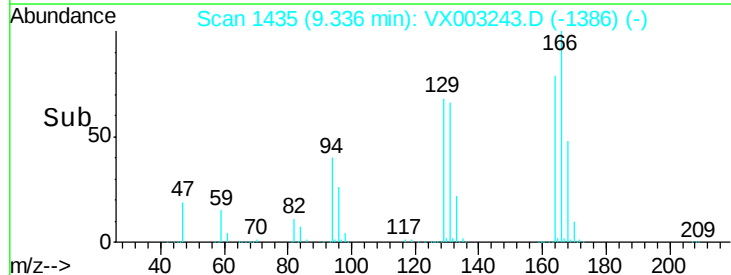
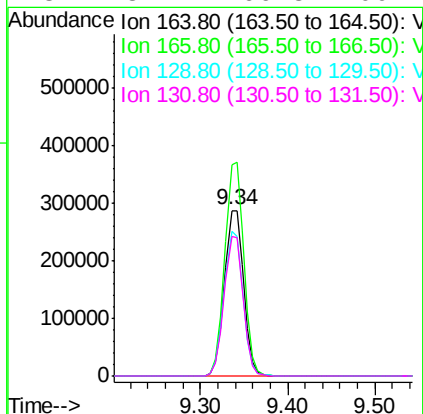
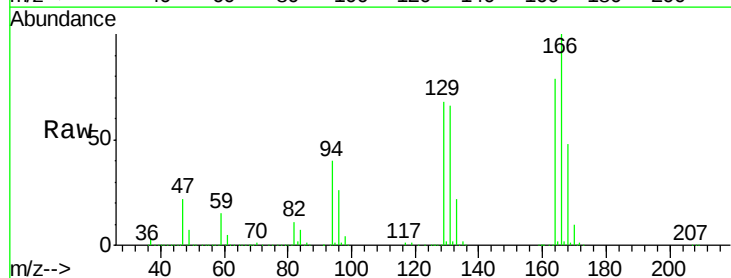
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

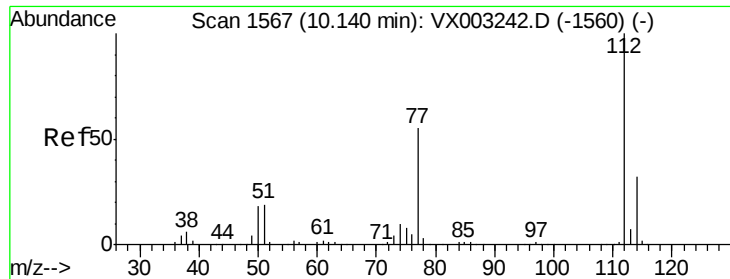
Tot Ion:117 Resp: 309595
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 126.51 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

Tgt Ion:164 Resp: 435522
Ion Ratio Lower Upper
164 100
166 127.4 102.9 154.3
129 87.1 68.6 102.8
131 84.1 66.8 100.2





#65

Chlorobenzene

Concen: 127.06 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

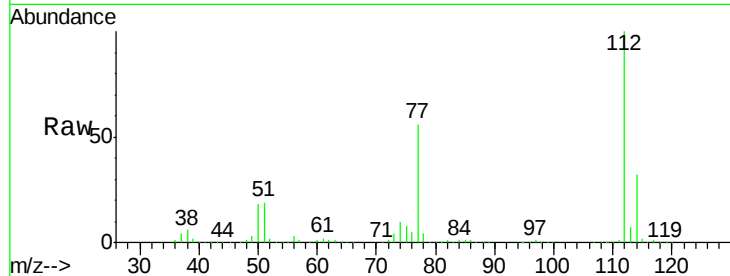
VSTDIC100

Tot Ion:112 Resp: 999137

Ion Ratio Lower Upper

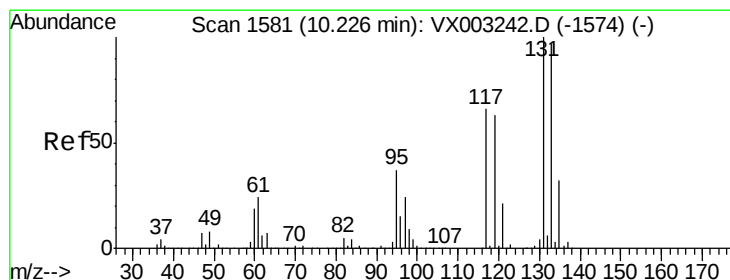
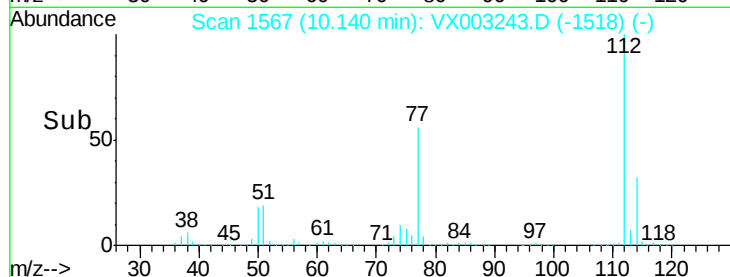
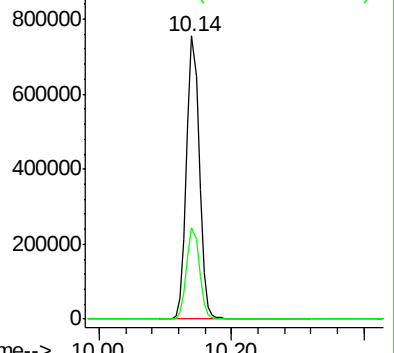
112 100

114 32.4 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 132.28 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

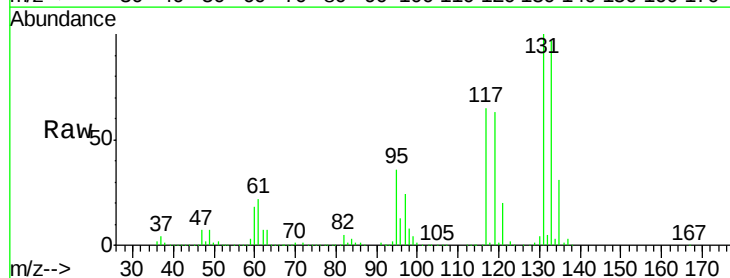
Tgt Ion:131 Resp: 377886

Ion Ratio Lower Upper

131 100

133 96.4 47.9 143.6

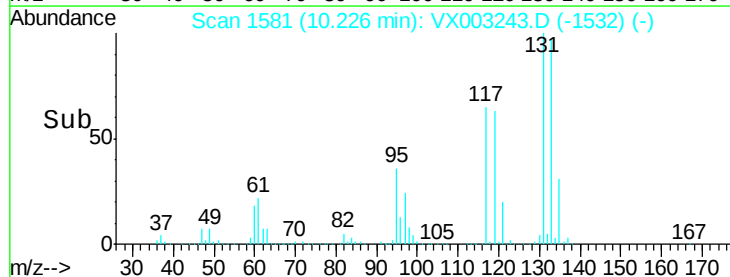
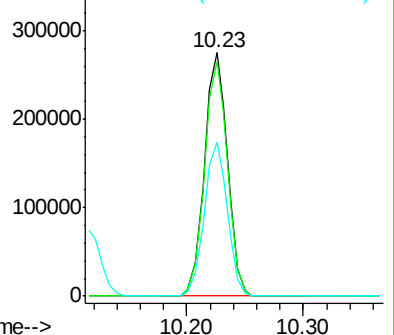
119 63.5 31.8 95.3

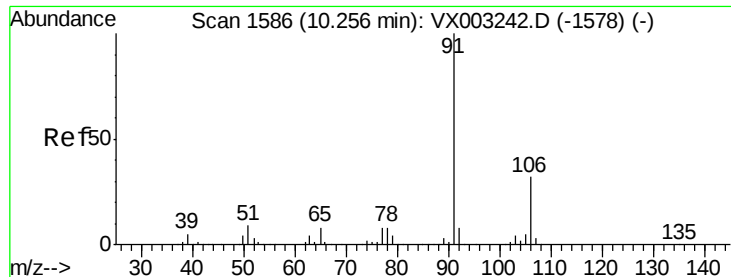


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

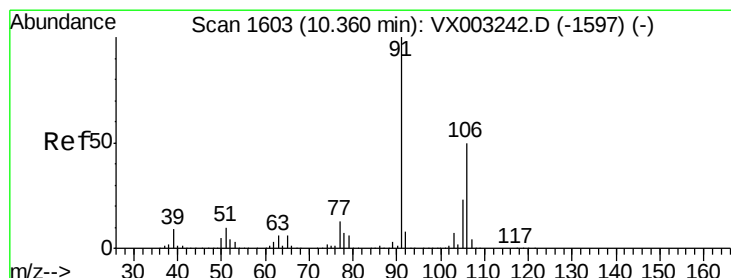
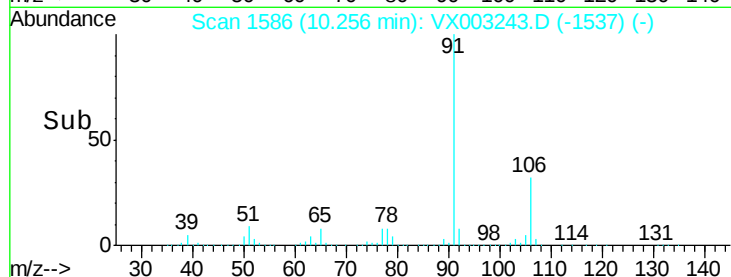
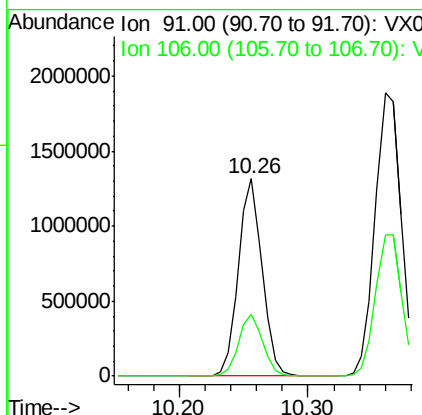
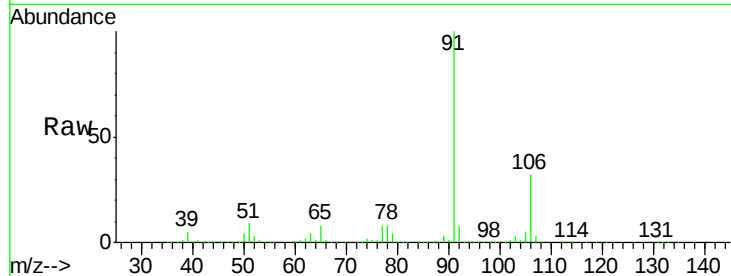




#67
Ethyl Benzene
Concen: 129.75 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

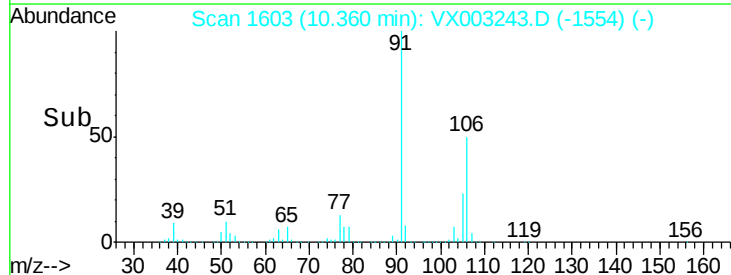
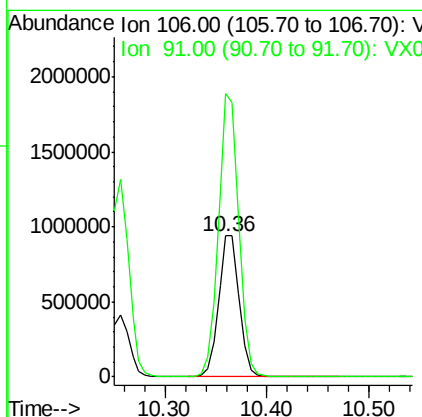
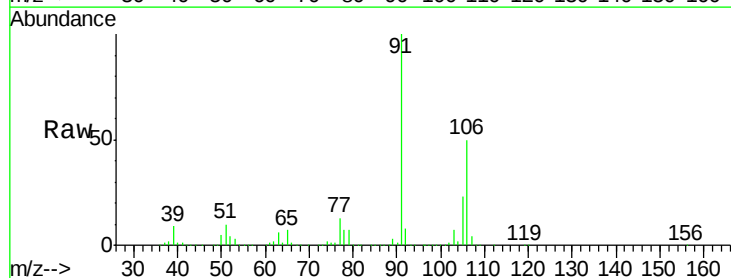
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

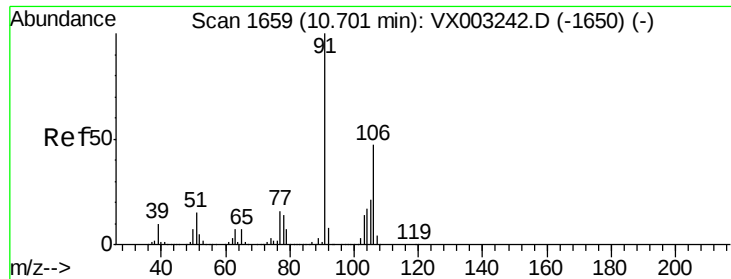
Tot Ion: 91 Resp: 1685453
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 265.55 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 106 Resp: 1329439
Ion Ratio Lower Upper
106 100
91 198.7 163.4 245.2

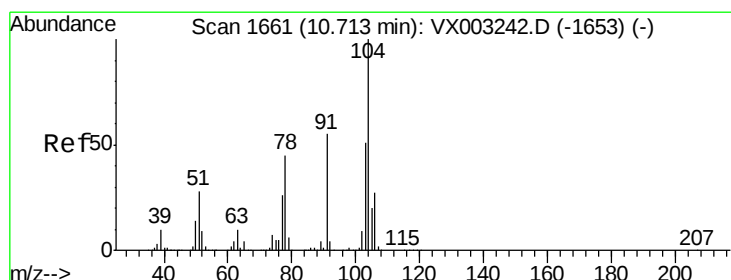
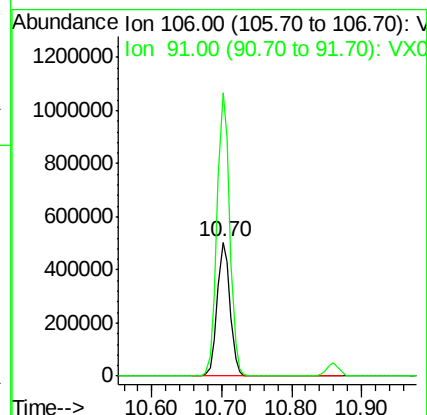
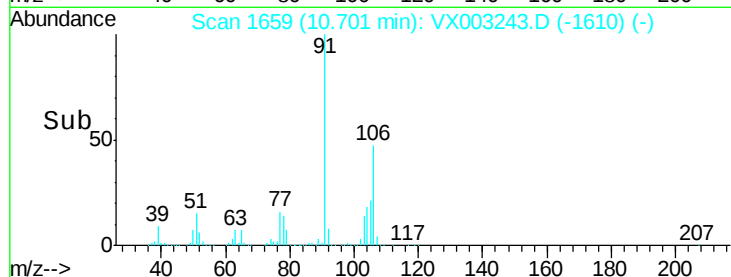
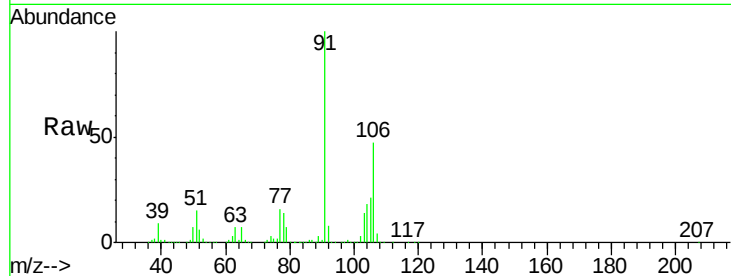




#69
o-Xylene
Concen: 131.67 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

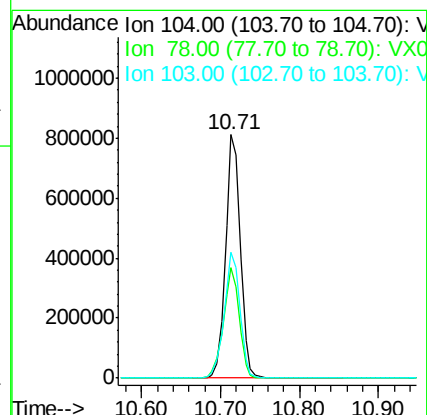
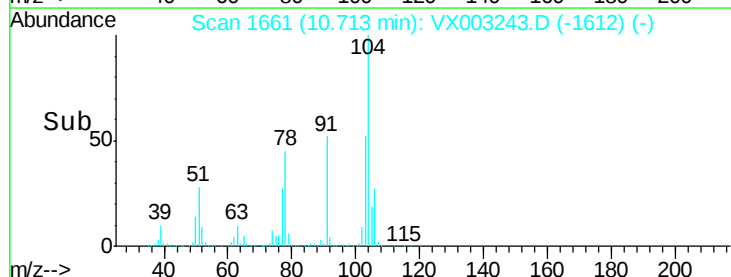
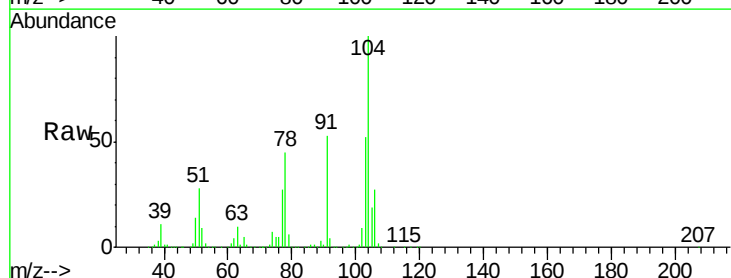
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

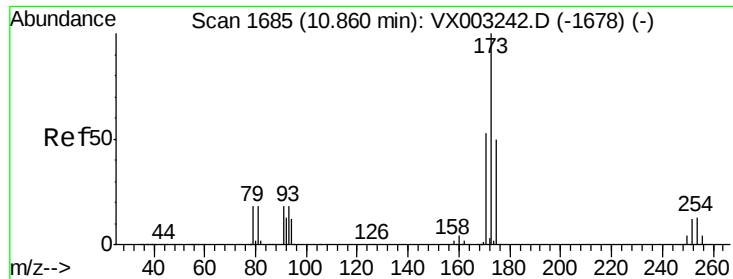
Tot Ion:106 Resp: 641873
Ion Ratio Lower Upper
106 100
91 210.5 108.2 324.6



#70
Styrene
Concen: 133.56 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003243.D
Acq: 09 Jul 2018 13:09

Tgt Ion:104 Resp: 1057960
Ion Ratio Lower Upper
104 100
78 49.0 41.0 61.6
103 55.7 44.2 66.4





#71

Bromoform

Concen: 149.69 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

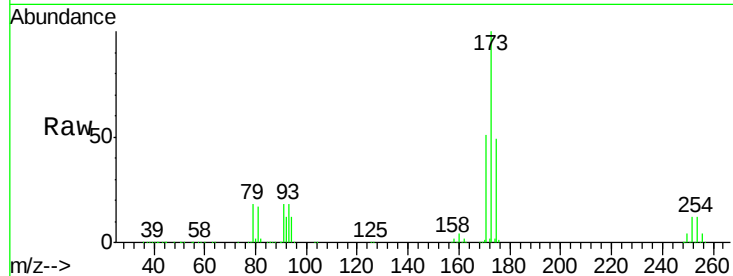
Tot Ion:173 Resp: 336071

Ion Ratio Lower Upper

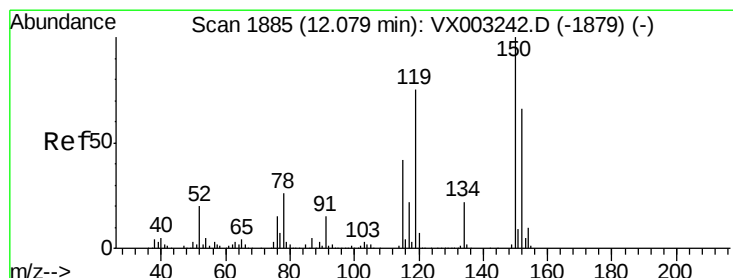
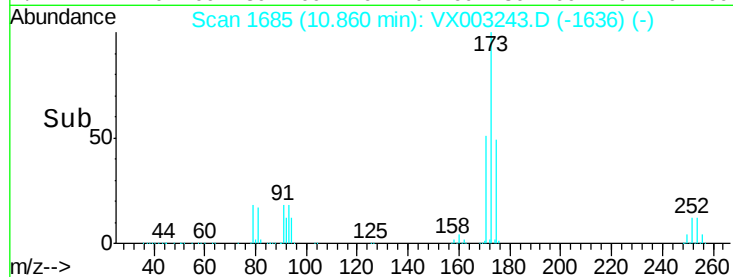
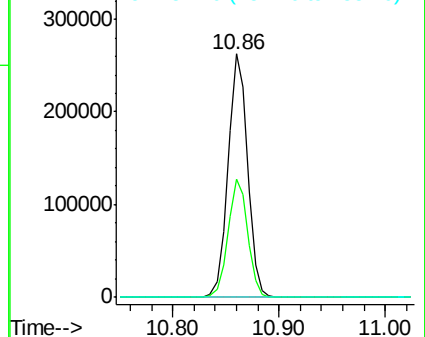
173 100

175 49.1 24.7 74.1

254 0.2 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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

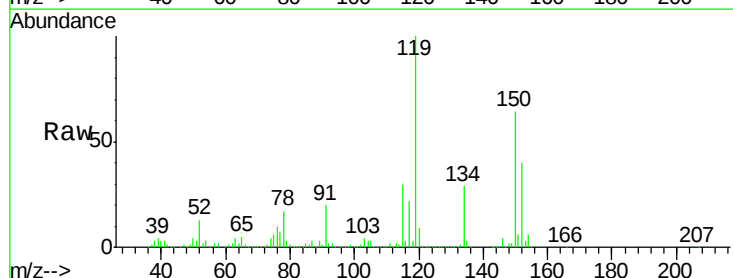
Tgt Ion:152 Resp: 224333

Ion Ratio Lower Upper

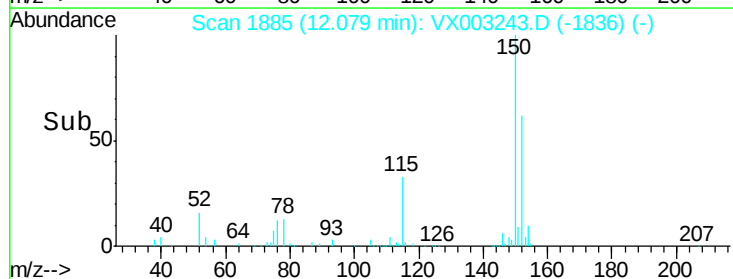
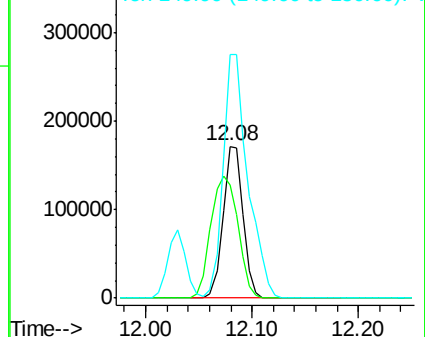
152 100

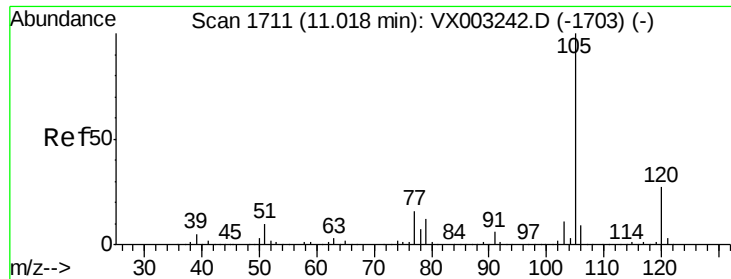
115 107.3 40.1 120.2

150 198.7 0.0 347.2



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: 115.55 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampled :

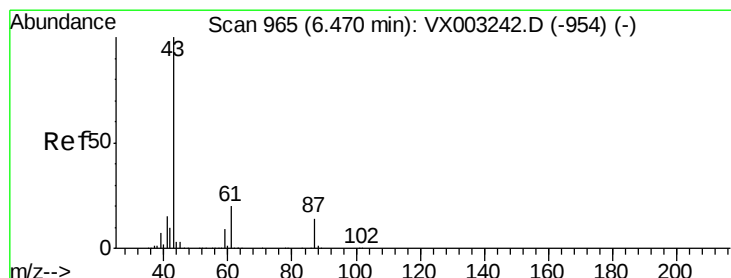
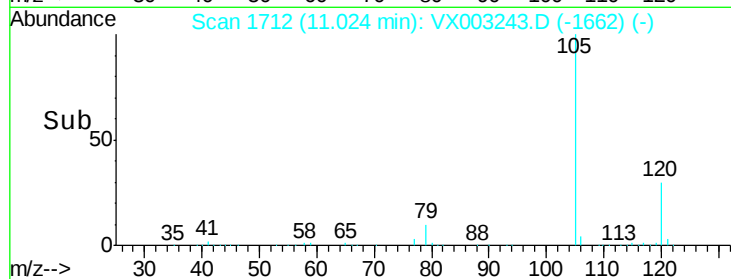
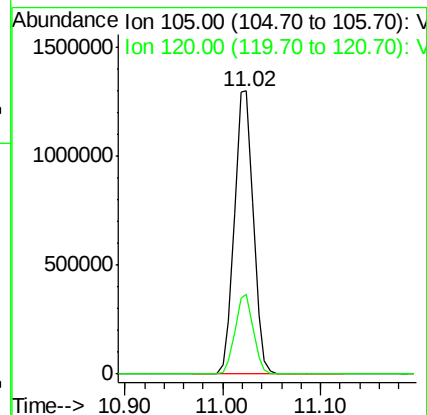
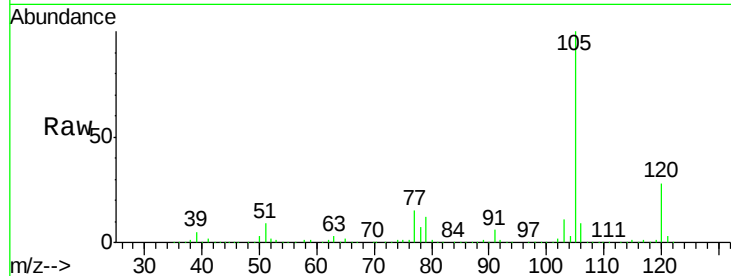
VSTDIC100

Tot Ion:105 Resp: 1743804

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#74

N-ethyl acetate

Concen: 107.98 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Tgt Ion: 43 Resp: 797308

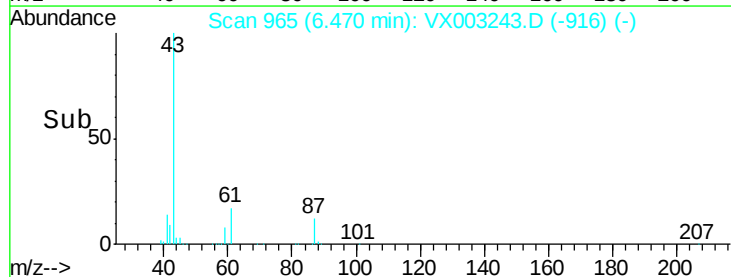
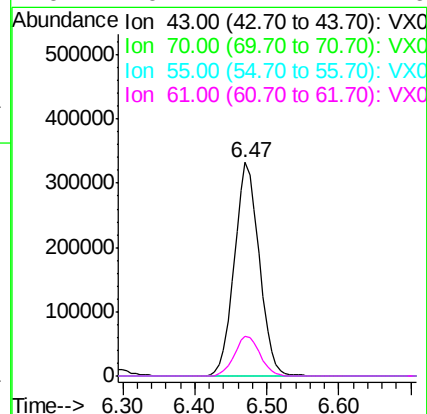
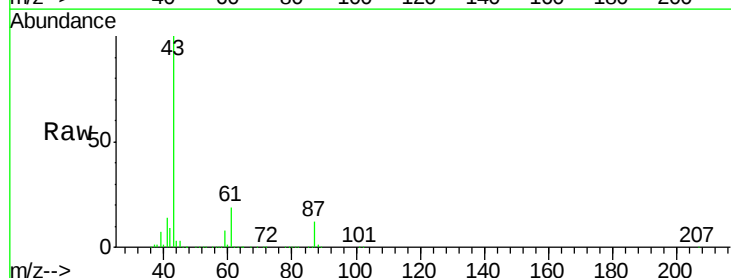
Ion Ratio Lower Upper

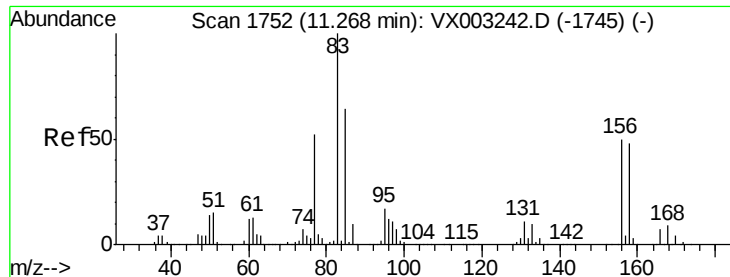
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 110.62 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

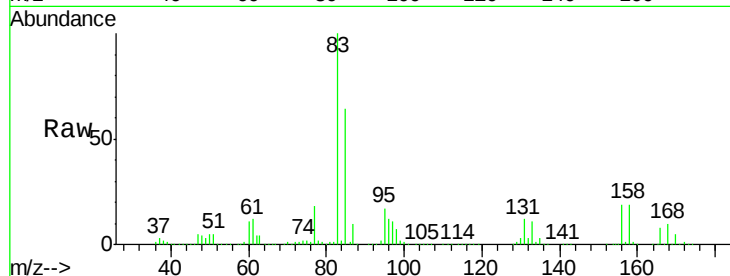
Tot Ion: 83 Resp: 514264

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

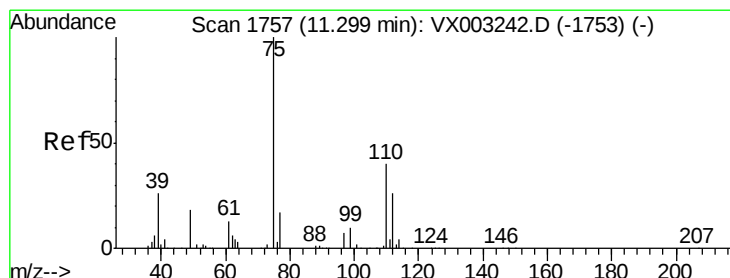
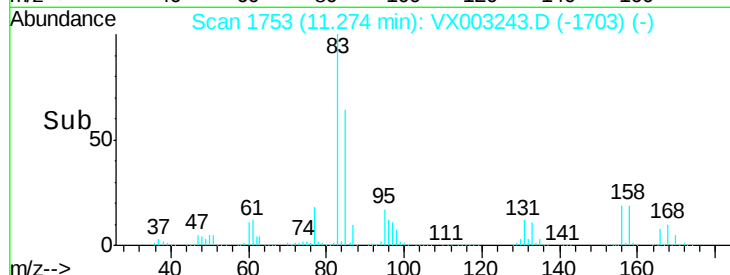
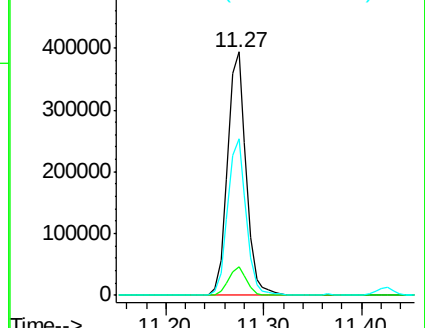
85 64.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 152.69 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003243.D

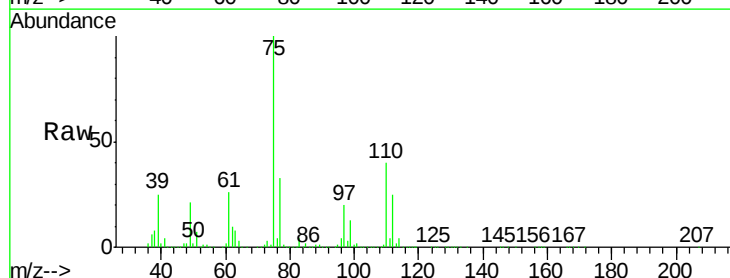
Acq: 09 Jul 2018 13:09

Tgt Ion: 75 Resp: 620463

Ion Ratio Lower Upper

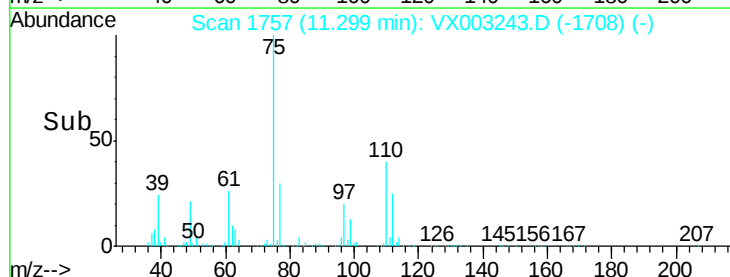
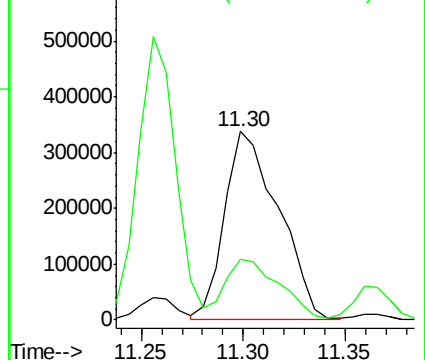
75 100

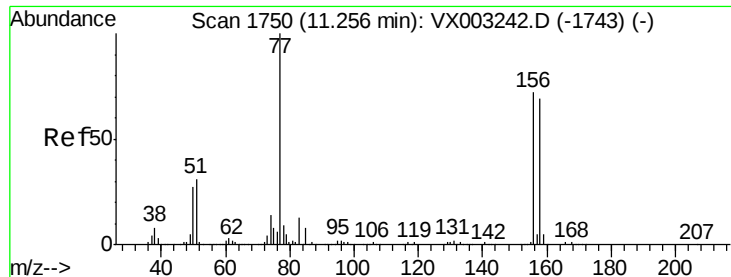
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 114.30 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

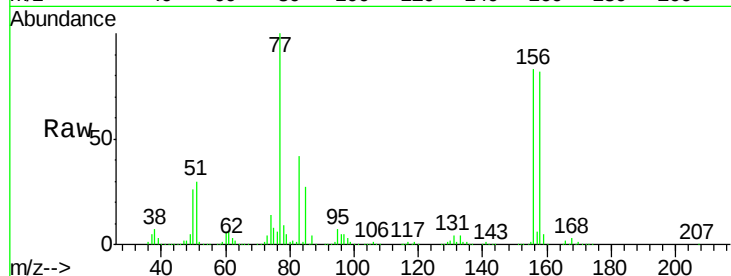
Tot Ion:156 Resp: 491209

Ion Ratio Lower Upper

156 100

77 132.4 71.4 214.2

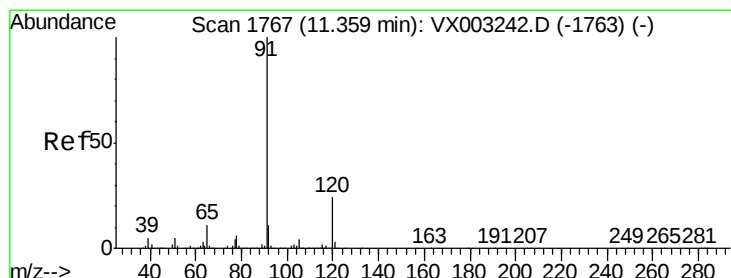
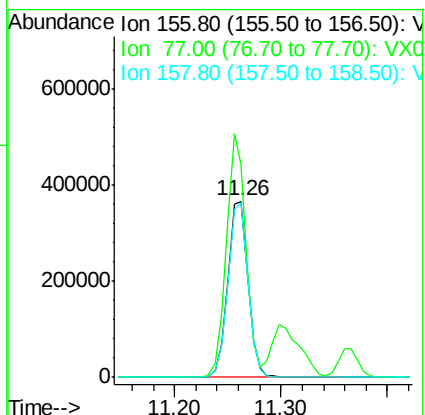
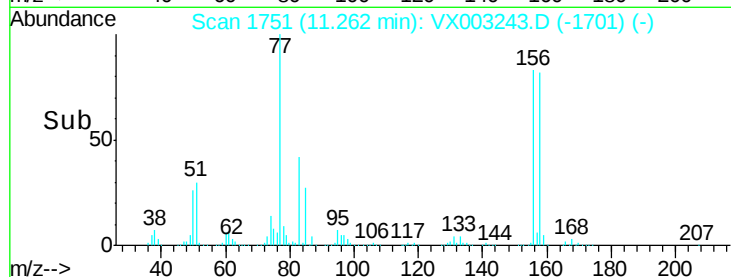
158 98.1 48.9 146.6



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: 114.87 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003243.D

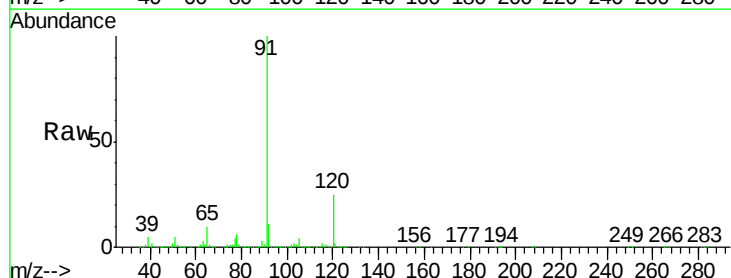
Acq: 09 Jul 2018 13:09

Tgt Ion: 91 Resp: 1973251

Ion Ratio Lower Upper

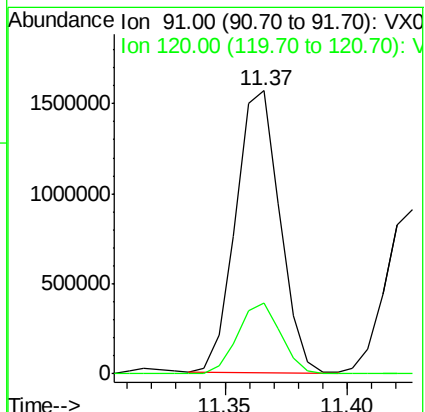
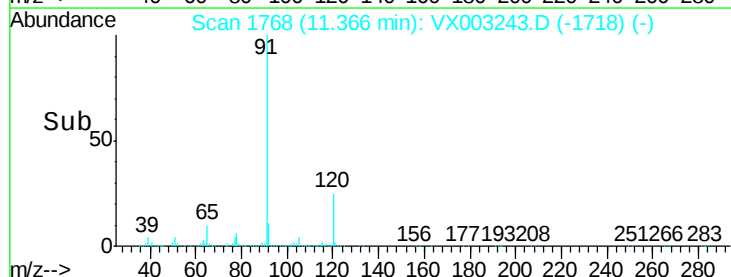
91 100

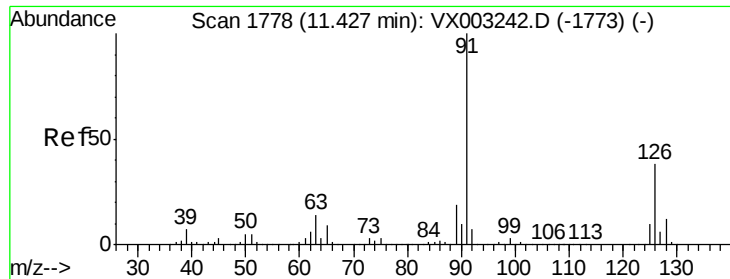
120 24.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

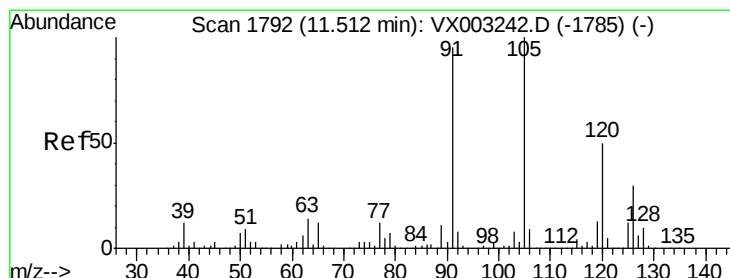
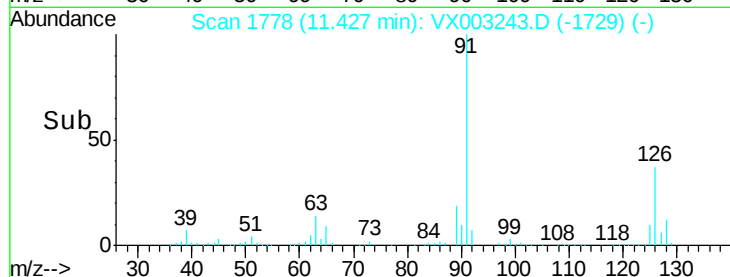
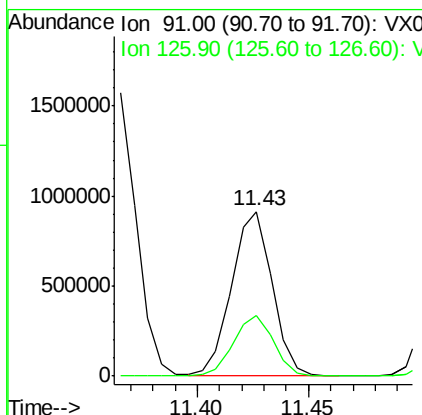
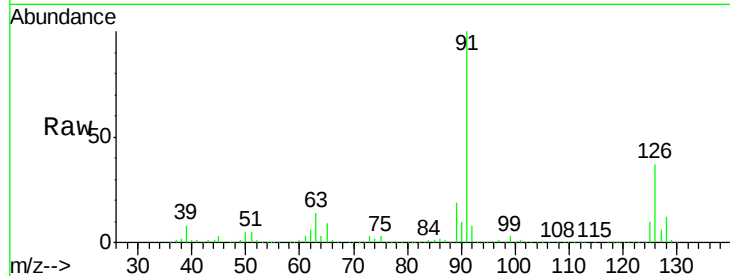




#79
 2-Chlorotoluene
 Concen: 110.96 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

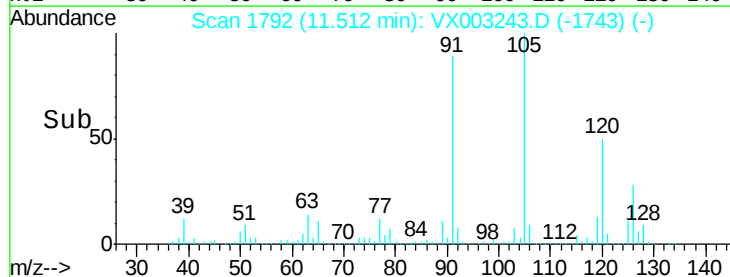
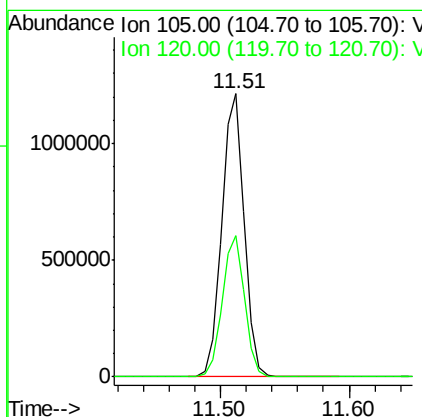
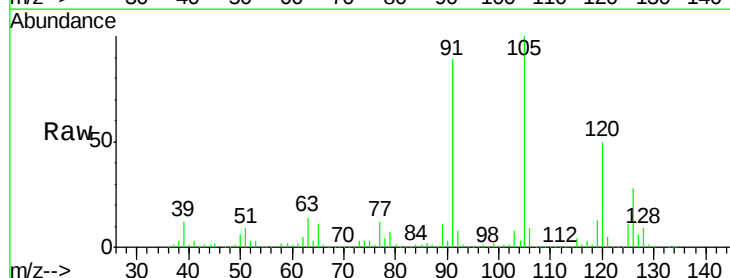
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

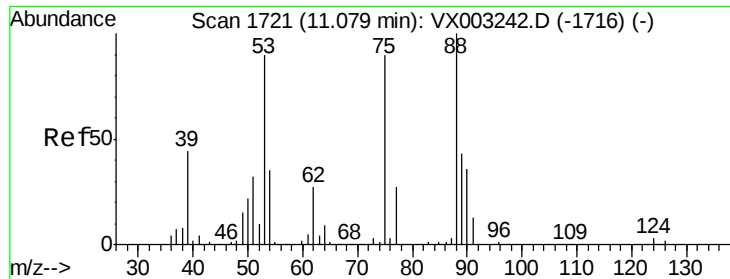
Tot Ion: 91 Resp: 1154010
 Ion Ratio Lower Upper
 91 100
 126 36.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 116.50 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

Tgt Ion: 105 Resp: 1480863
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 137.03 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

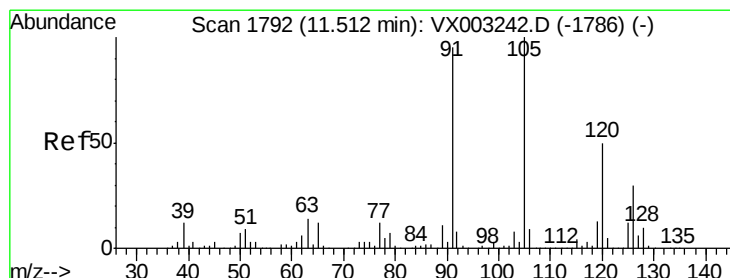
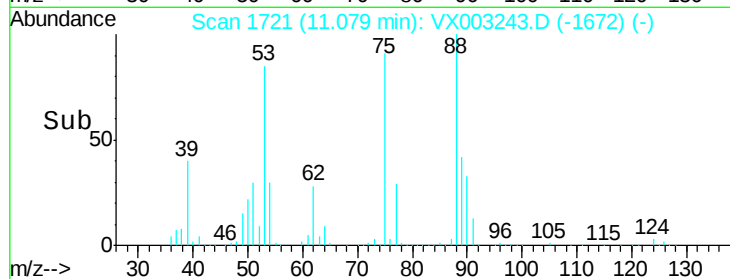
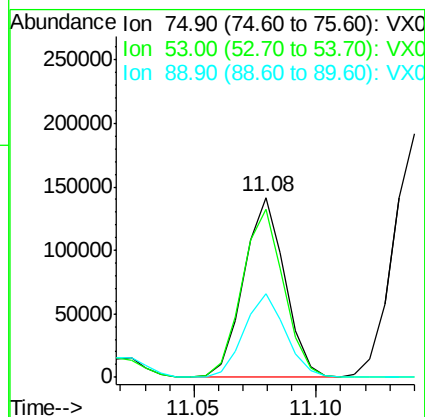
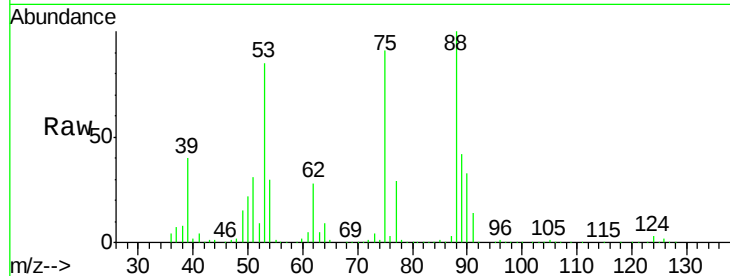
Tot Ion: 75 Resp: 164163

Ion Ratio Lower Upper

75 100

53 95.6 86.8 130.2

89 47.4 38.2 57.2



#82

4-Chlorotoluene

Concen: 111.50 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003243.D

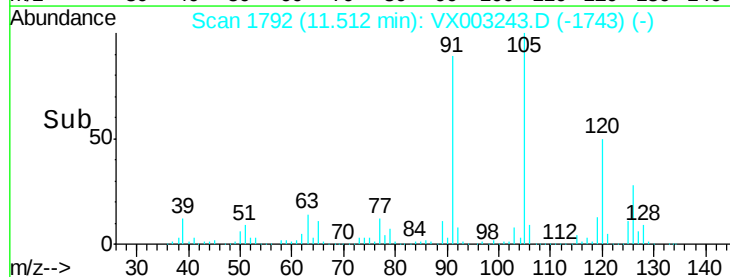
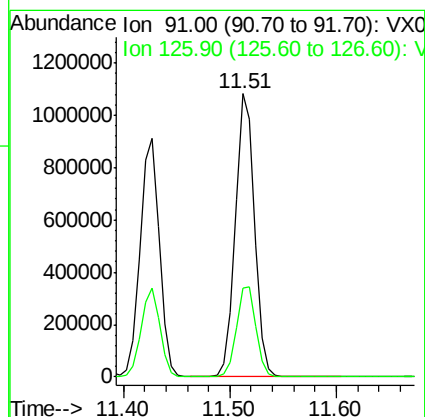
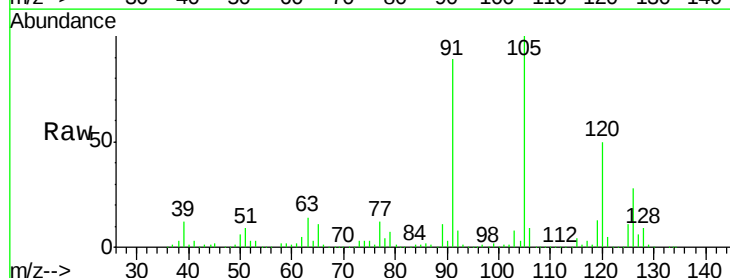
Acq: 09 Jul 2018 13:09

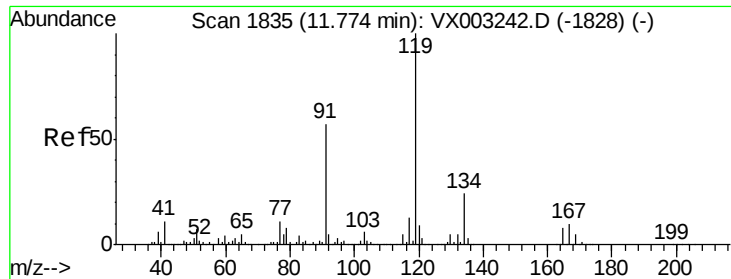
Tgt Ion: 91 Resp: 1372795

Ion Ratio Lower Upper

91 100

126 32.4 15.4 46.4

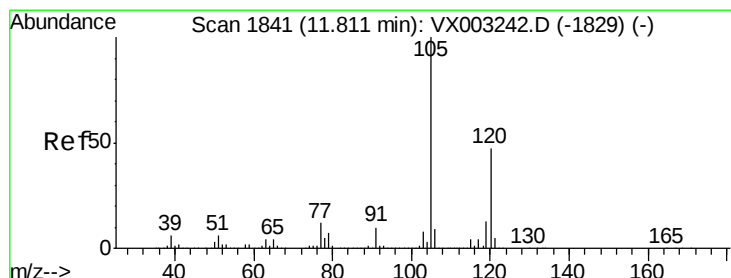
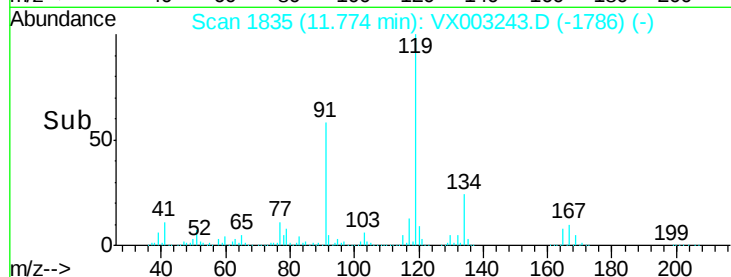
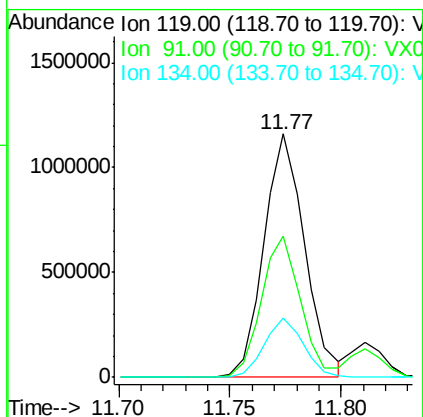
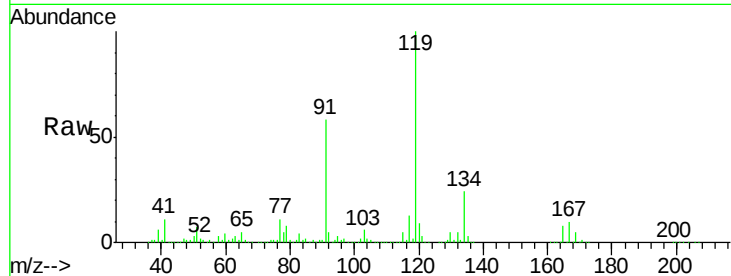




#83
 tert-Butylbenzene
 Concen: 117.35 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

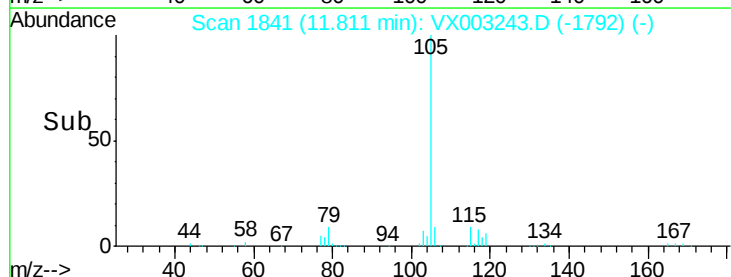
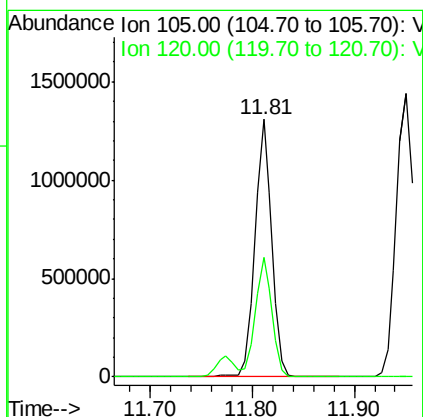
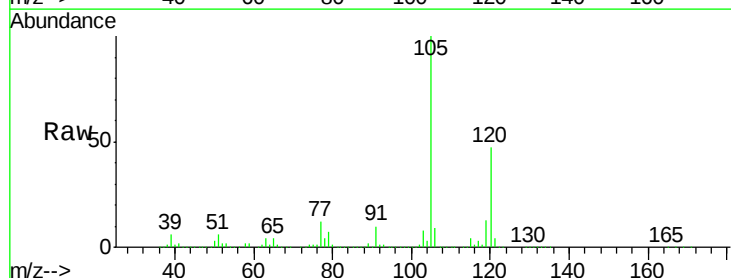
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

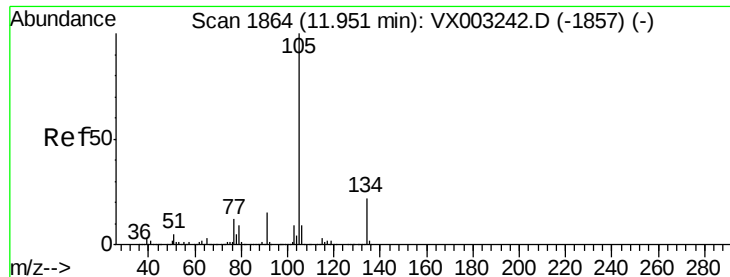
Tot Ion:119 Resp: 1470057
 Ion Ratio Lower Upper
 119 100
 91 56.4 30.3 90.9
 134 23.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 114.99 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

Tgt Ion:105 Resp: 1514426
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 114.72 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

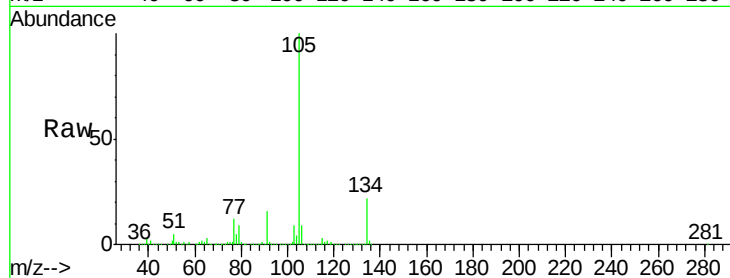
VSTDIC100

Tot Ion:105 Resp: 1743419

Ion Ratio Lower Upper

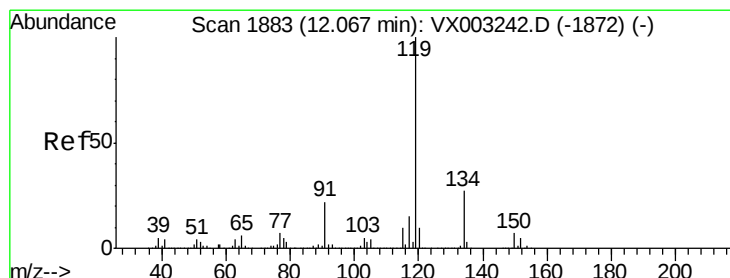
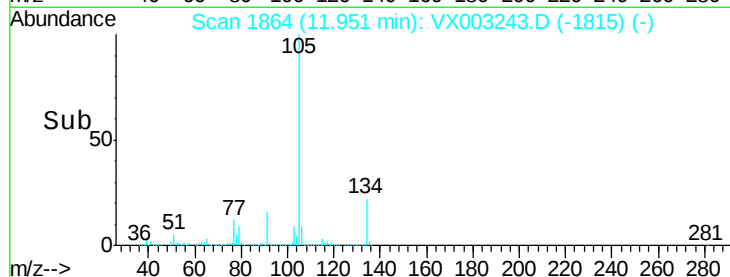
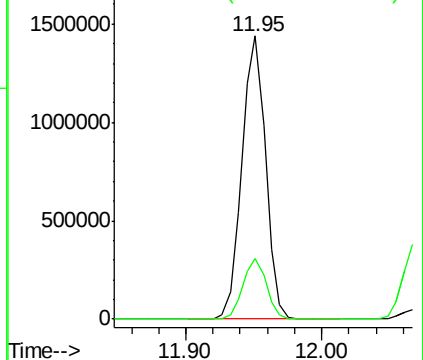
105 100

134 21.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 117.33 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

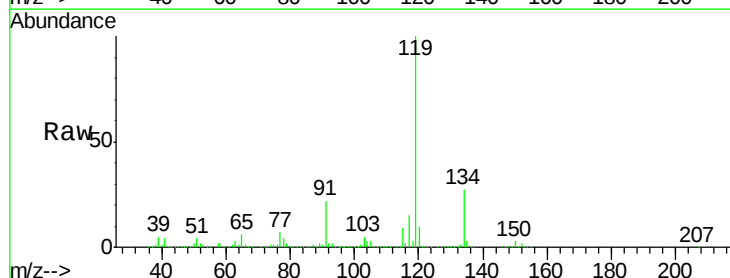
Tgt Ion:119 Resp: 1603014

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

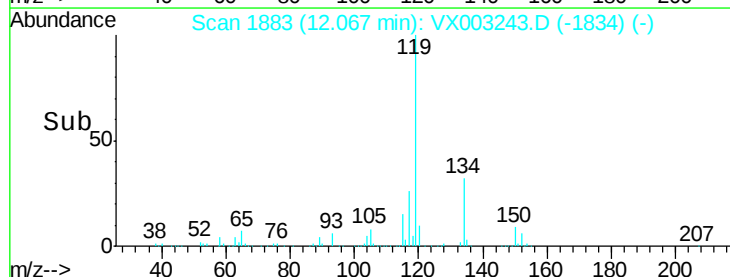
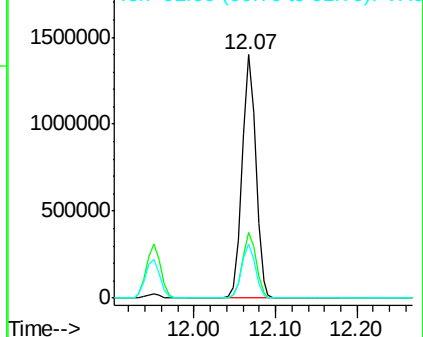
91 22.5 11.9 35.7

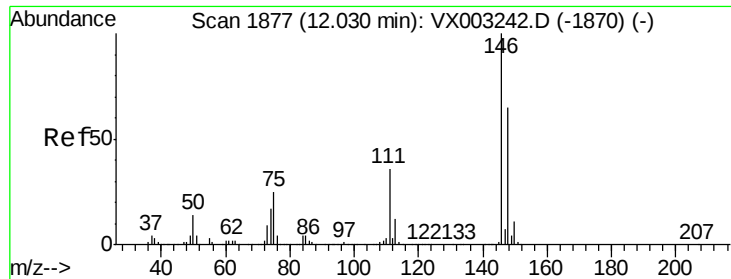


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

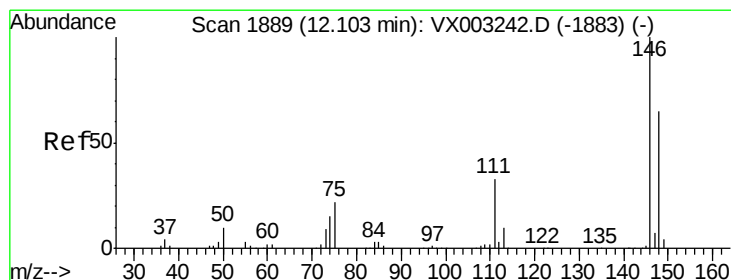
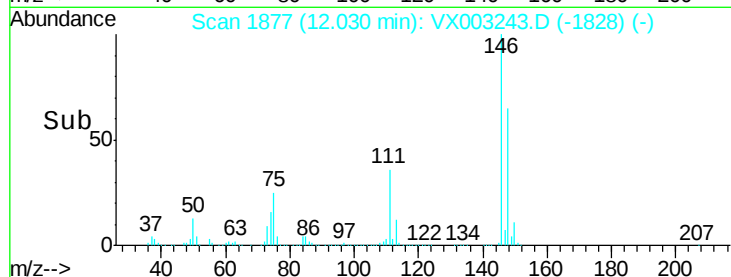
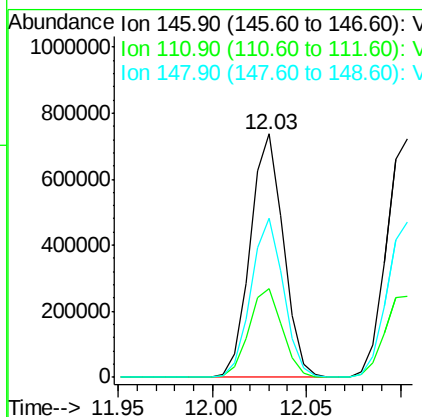
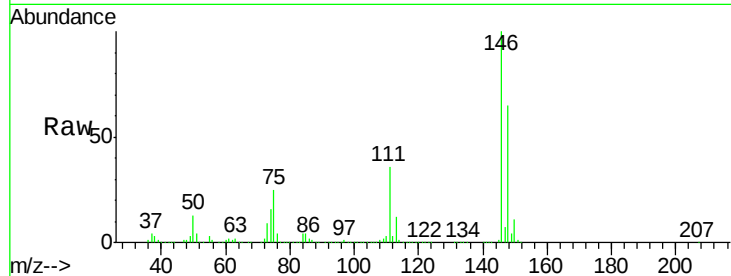




#87
 1,3-Dichlorobenzene
 Concen: 114.28 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

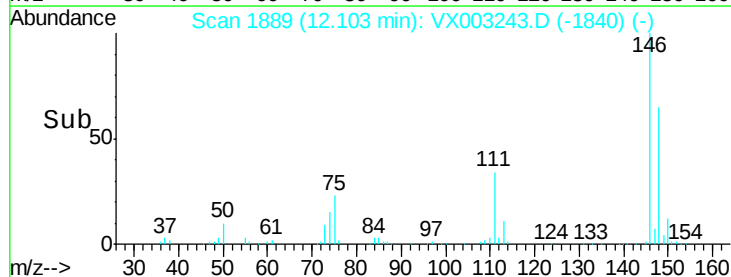
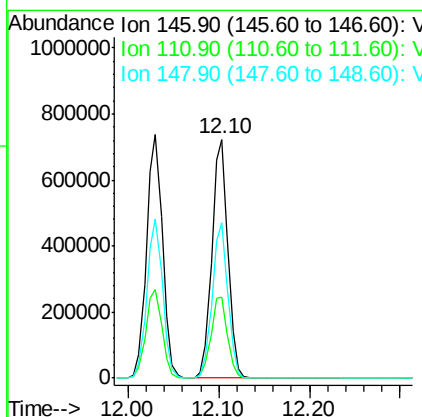
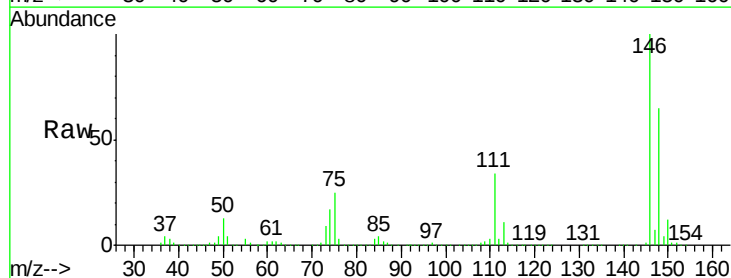
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

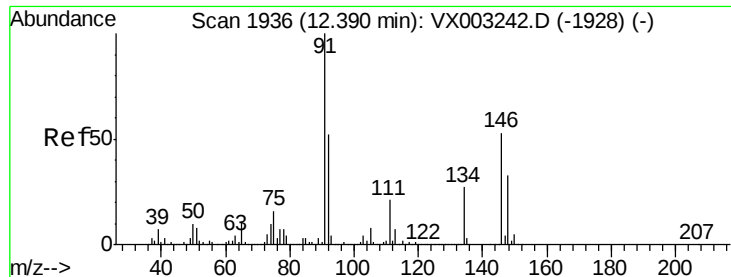
Tot Ion:146 Resp: 897063
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.9 56.7
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 111.53 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

Tgt Ion:146 Resp: 900877
 Ion Ratio Lower Upper
 146 100
 111 35.2 18.7 56.1
 148 64.3 32.4 97.0





#89

n-Butylbenzene

Concen: 114.60 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

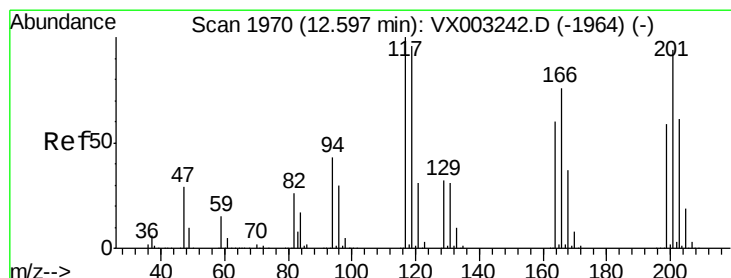
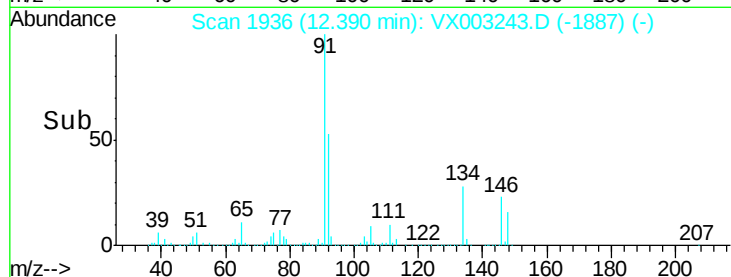
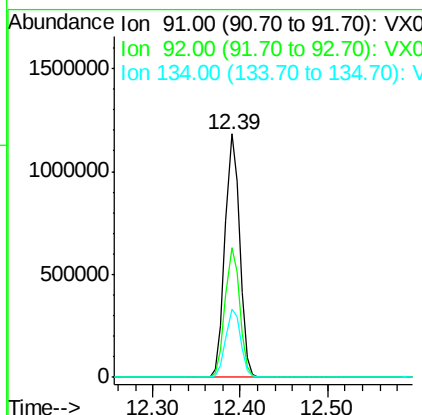
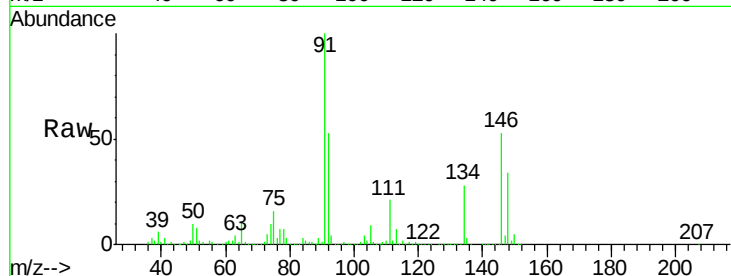
Tot Ion: 91 Resp: 1362790

Ion Ratio Lower Upper

91 100

92 53.0 26.0 78.0

134 28.7 13.5 40.5



#90

Hexachloroethane

Concen: 127.25 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003243.D

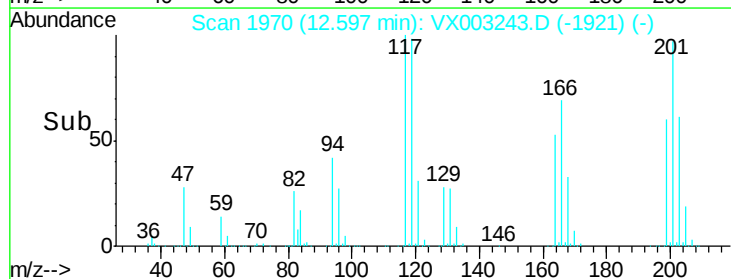
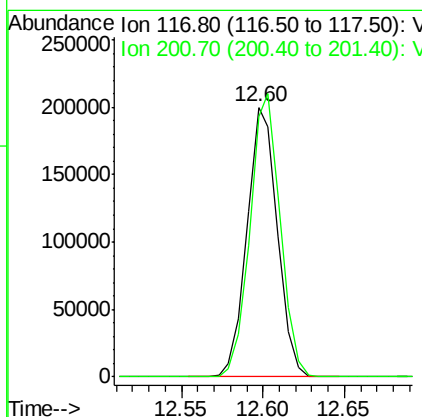
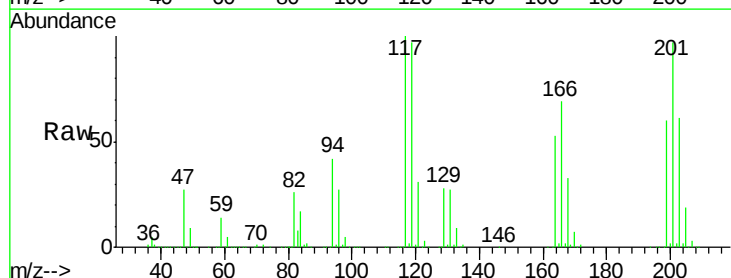
Acq: 09 Jul 2018 13:09

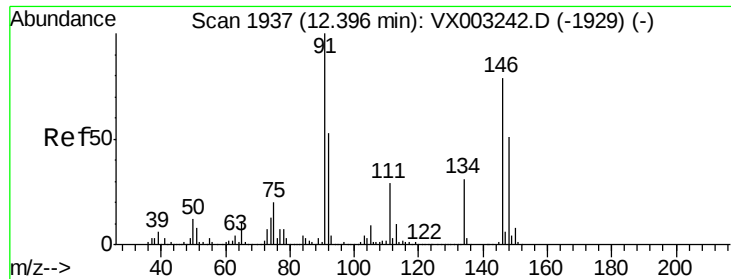
Tgt Ion: 117 Resp: 258599

Ion Ratio Lower Upper

117 100

201 104.4 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 111.87 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

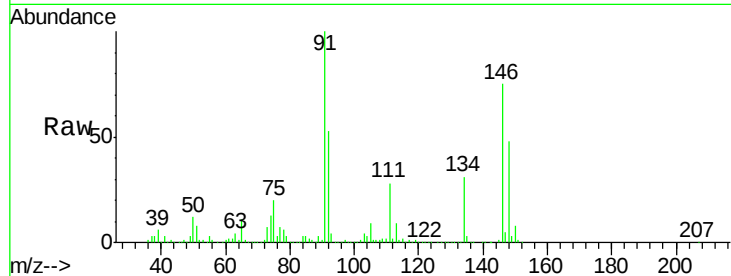
Tot Ion:146 Resp: 886310

Ion Ratio Lower Upper

146 100

111 37.9 19.4 58.1

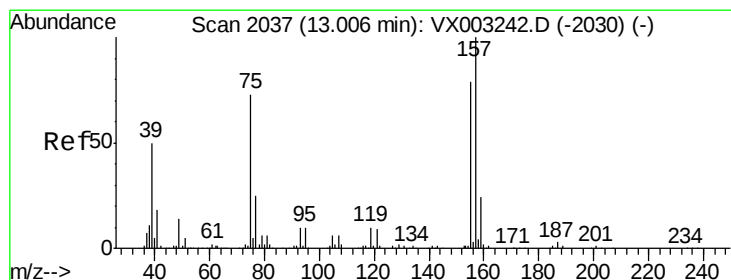
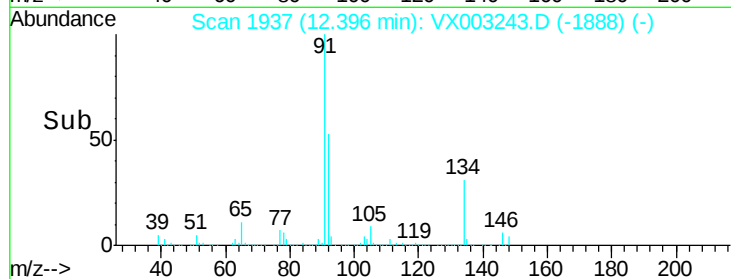
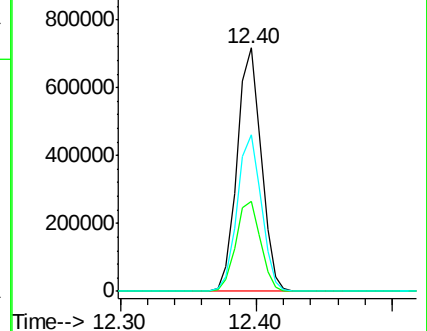
148 64.4 31.7 95.1



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: 112.77 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

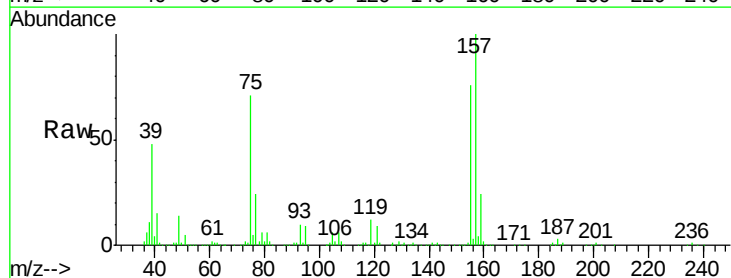
Tgt Ion: 75 Resp: 117849

Ion Ratio Lower Upper

75 100

155 101.0 45.8 137.4

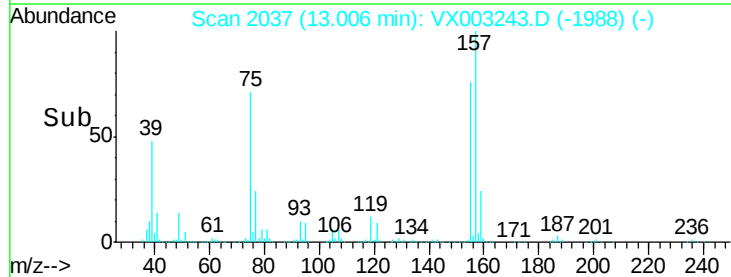
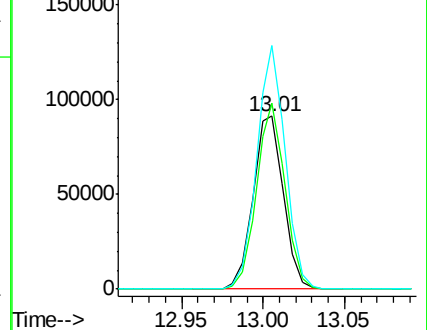
157 132.0 60.1 180.3

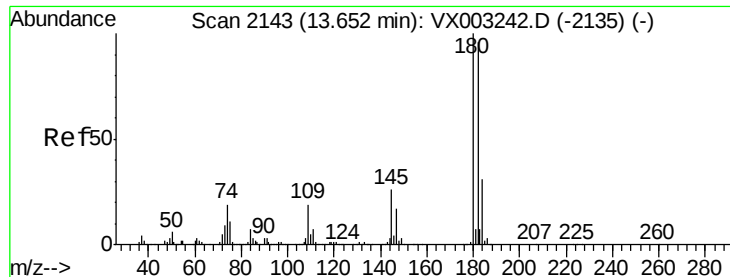


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

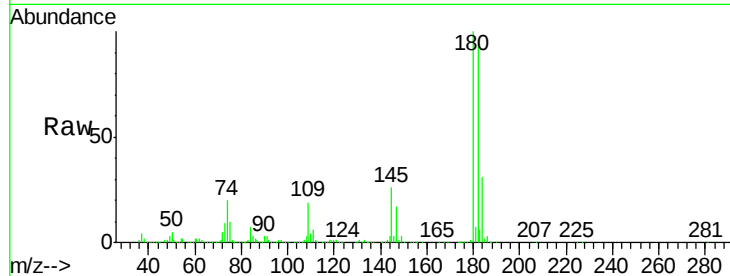




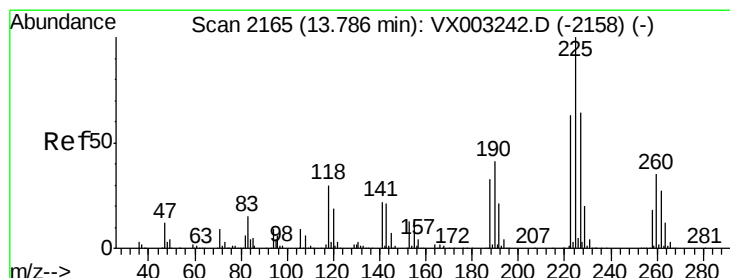
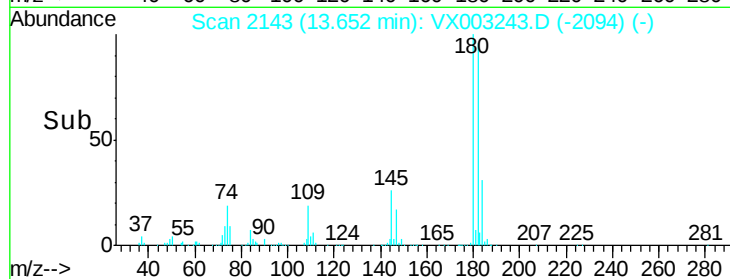
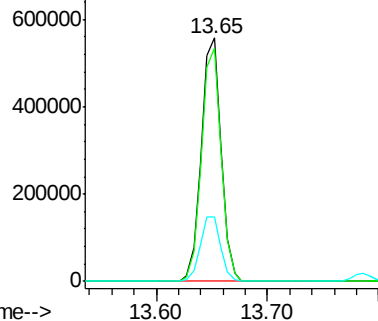
#93
 1,2,4-Trichlorobenzene
 Concen: 118.19 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:180 Resp: 681461
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 27.4 14.1 42.4

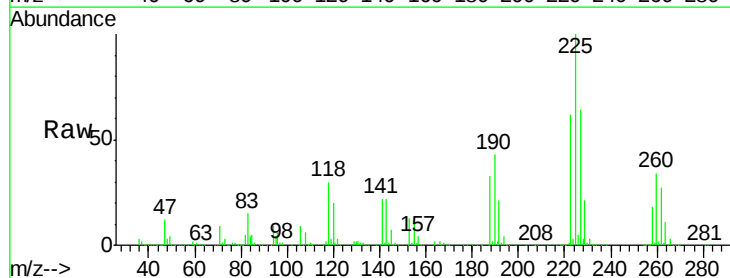


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

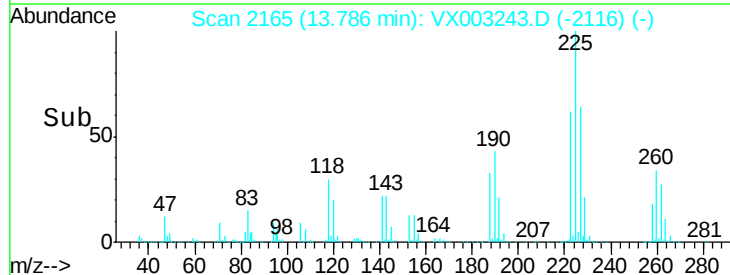
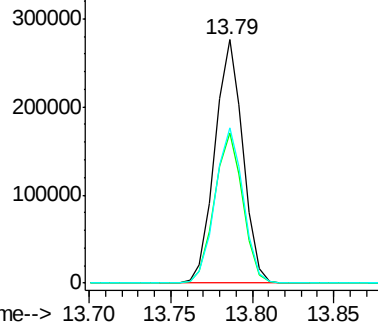


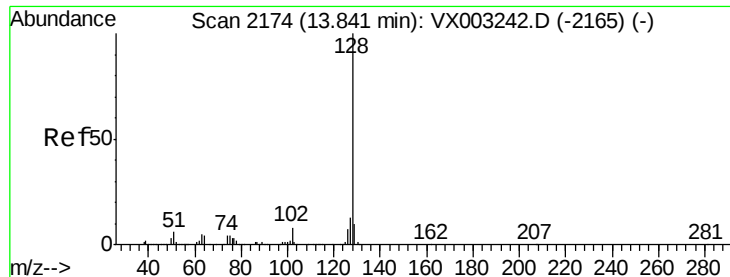
#94
 Hexachlorobutadiene
 Concen: 114.81 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003243.D
 Acq: 09 Jul 2018 13:09

Tgt Ion:225 Resp: 330165
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 64.2 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 119.84 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

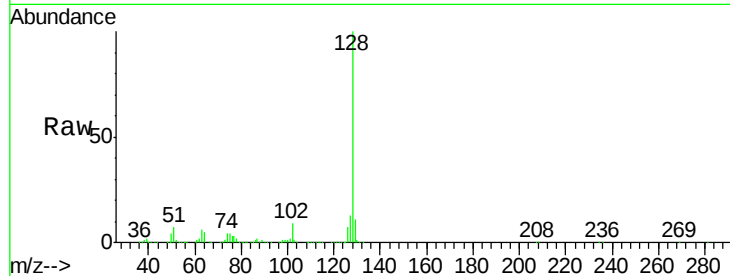
Tot Ion:128 Resp: 1840370

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

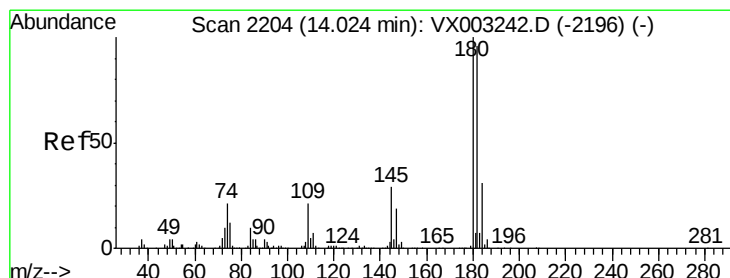
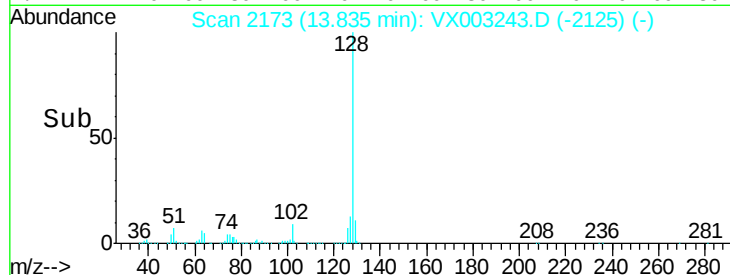
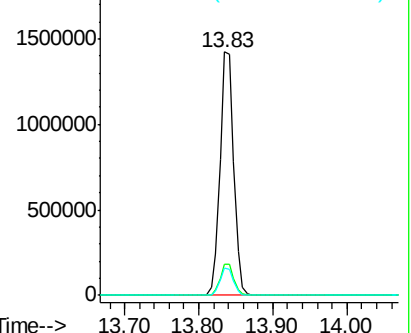
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 116.64 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003243.D

Acq: 09 Jul 2018 13:09

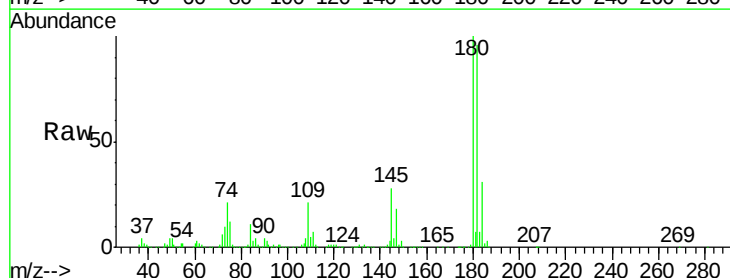
Tgt Ion:180 Resp: 671716

Ion Ratio Lower Upper

180 100

182 96.5 48.0 144.0

145 29.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

