

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052418\
 Data File : VX001939.D
 Acq On : 24 May 2018 12:13
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: May 24 12:38:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 12:37:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	325499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	451849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	422402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	300448	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	552802	96.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.60%	
35) Dibromofluoromethane	5.51	113	434703	98.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.42%	
50) Toluene-d8	8.72	98	1608758	98.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.94%	
62) 4-Bromofluorobenzene	11.14	95	647128	101.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	410724	97.04	ug/l	98
3) Chloromethane	1.32	50	451438	93.63	ug/l	100
4) Vinyl Chloride	1.40	62	457374	98.26	ug/l	100
5) Bromomethane	1.64	94	209988	93.64	ug/l	99
6) Chloroethane	1.71	64	259133	94.37	ug/l	99
7) Trichlorofluoromethane	1.92	101	665803	94.79	ug/l	100
8) Diethyl Ether	2.19	74	246944	95.87	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	372303	96.52	ug/l	99
10) Methyl Iodide	2.51	142	583047	98.03	ug/l	100
11) Tert butyl alcohol	3.10	59	528001	466.79	ug/l	99
12) 1,1-Dichloroethene	2.37	96	349369	97.12	ug/l	100
13) Acrolein	2.30	56	230711	514.42	ug/l	99
14) Allyl chloride	2.73	41	739897	95.55	ug/l	100
15) Acrylonitrile	3.16	53	1087299	468.97	ug/l	100
16) Acetone	2.46	43	1003708	462.31	ug/l	99
17) Carbon Disulfide	2.56	76	1022347	97.20	ug/l	99
18) Methyl Acetate	2.78	43	524366	93.48	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1313750	94.74	ug/l	100
20) Methylene Chloride	2.86	84	383311	95.15	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	365754	94.54	ug/l	98
22) Diisopropyl ether	3.88	45	1504108	92.58	ug/l	99
23) Vinyl Acetate	3.83	43	6055903	458.41	ug/l	99
24) 1,1-Dichloroethane	3.70	63	718247	95.95	ug/l	99
25) 2-Butanone	4.73	43	1899155	463.73	ug/l	100
26) 2,2-Dichloropropane	4.59	77	701385	94.49	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	463634	96.45	ug/l	95
28) Bromochloromethane	5.03	49	325460	95.45	ug/l	99
29) Tetrahydrofuran	5.18	42	1214538	458.87	ug/l	99
30) Chloroform	5.22	83	798190	96.38	ug/l	98
31) Cyclohexane	5.57	56	734250	95.89	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	755262	96.32	ug/l	99
36) 1,1-Dichloropropene	5.80	75	591750	98.18	ug/l	99
37) Ethyl Acetate	4.88	43	750017	94.04	ug/l	100
38) Carbon Tetrachloride	5.79	117	690134	98.16	ug/l	99

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 VSTDICC100

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 12:37:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	726530	98.88	ug/l	99
40) Benzene	6.15	78	1740732	97.15	ug/l	100
41) Methacrylonitrile	5.07	41	426947	96.30	ug/l	99
42) 1,2-Dichloroethane	6.20	62	683931	97.78	ug/l	99
43) Isopropyl Acetate	6.48	43	1280348	95.85	ug/l	100
44) Trichloroethene	7.22	130	504730	97.56	ug/l	100
45) 1,2-Dichloropropane	7.53	63	465089	97.39	ug/l	99
46) Dibromomethane	7.67	93	311265	96.57	ug/l	99
47) Bromodichloromethane	7.90	83	659050	97.29	ug/l	100
48) Methyl methacrylate	7.79	41	647645	95.95	ug/l	99
49) 1,4-Dioxane	7.77	88	227401	1868.97	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	3792524	469.47	ug/l	99
52) Toluene	8.79	92	1111975	98.22	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	780862	97.58	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	763542	98.67	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	452157	97.52	ug/l	99
56) Ethyl methacrylate	9.19	69	779733	97.65	ug/l	100
57) 1,3-Dichloropropane	9.38	76	758454	97.54	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1772773	492.30	ug/l	98
59) 2-Hexanone	9.51	43	2954386	472.54	ug/l	99
60) Dibromochloromethane	9.59	129	563570	99.63	ug/l	99
61) 1,2-Dibromoethane	9.68	107	488827	98.25	ug/l	100
64) Tetrachloroethene	9.34	164	570622	98.15	ug/l	99
65) Chlorobenzene	10.15	112	1267719	98.58	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	508882	98.74	ug/l	99
67) Ethyl Benzene	10.26	91	2188344	96.92	ug/l	99
68) m/p-Xylenes	10.37	106	1695367	197.33	ug/l	97
69) o-Xylene	10.71	106	834556	98.04	ug/l	100
70) Styrene	10.72	104	1421536	99.45	ug/l	100
71) Bromoform	10.87	173	507366	101.15	ug/l #	99
73) Isopropylbenzene	11.02	105	2250448	92.83	ug/l	100
74) N-amyl acetate	6.48	43	1280348	89.74	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	675641	95.37	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	913389	137.64	ug/l	79
77) Bromobenzene	11.26	156	617711	95.83	ug/l	98
78) n-propylbenzene	11.37	91	2556592	92.92	ug/l	99
79) 2-Chlorotoluene	11.43	91	1541544	93.52	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1931701	93.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	260818	93.48	ug/l	99
82) 4-Chlorotoluene	11.52	91	1805425	93.90	ug/l	100
83) tert-Butylbenzene	11.77	119	1928252	96.14	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1996556	94.12	ug/l	99
85) sec-Butylbenzene	11.95	105	2306891	93.89	ug/l	100
86) p-Isopropyltoluene	12.07	119	2100922	95.26	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1125019	97.79	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1125560	97.24	ug/l	99
89) n-Butylbenzene	12.40	91	1846514	96.37	ug/l	99
90) Hexachloroethane	12.60	117	407519	94.29	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	1134963	96.13	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	201824	93.45	ug/l	100

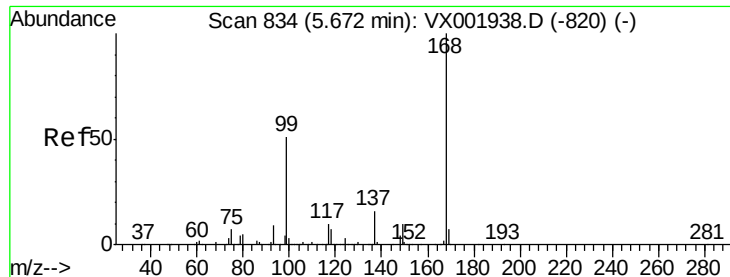
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052418\
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Quant Title : SW846 8260
QLast Update : Thu May 24 12:37:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	857520	99.32	ug/l	100
94) Hexachlorobutadiene	13.79	225	456225	98.92	ug/l	100
95) Naphthalene	13.84	128	2512251	94.87	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	864341	97.48	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

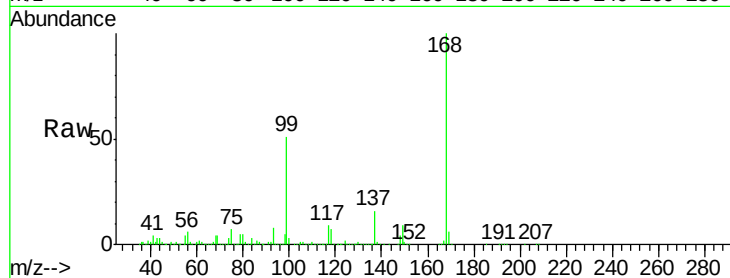
VSTDIC100

Tgt Ion:168 Resp: 325499

Ion Ratio Lower Upper

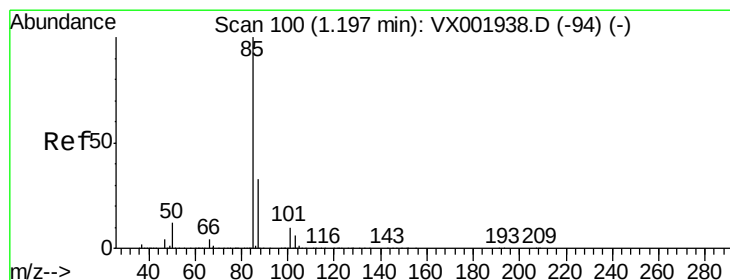
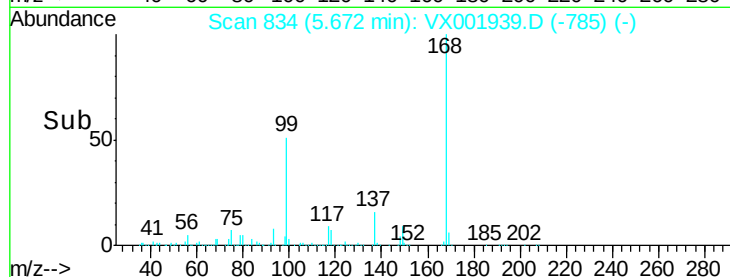
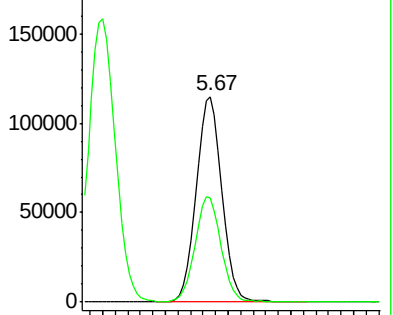
168 100

99 50.6 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 97.04 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001939.D

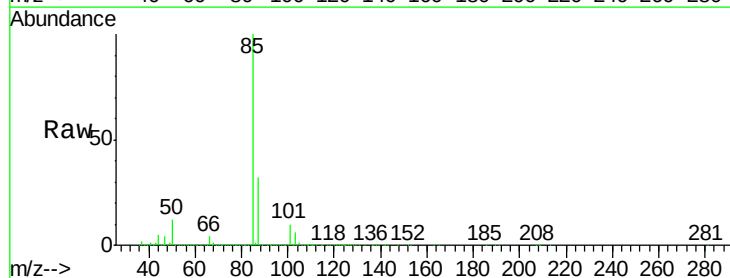
Acq: 24 May 2018 12:13

Tgt Ion: 85 Resp: 410724

Ion Ratio Lower Upper

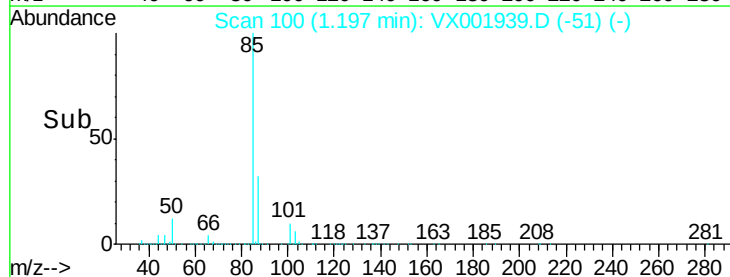
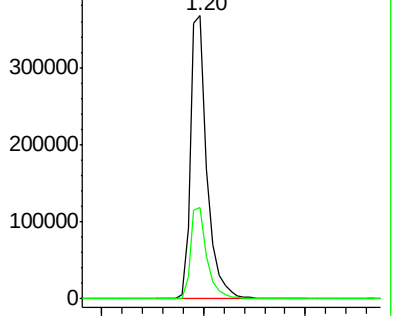
85 100

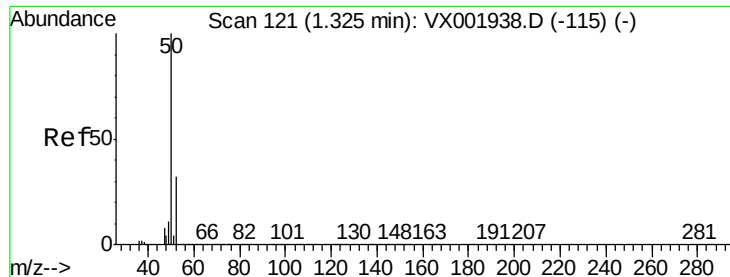
87 32.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 93.63 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

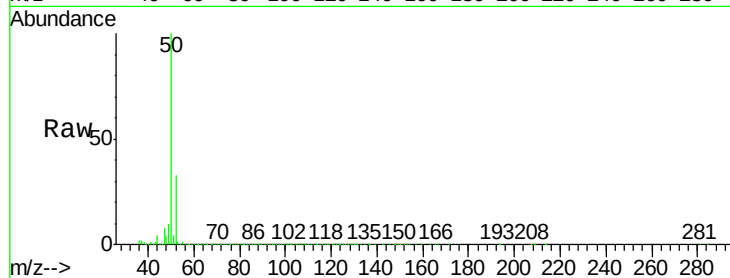
VSTDIC100

Tgt Ion: 50 Resp: 451438

Ion Ratio Lower Upper

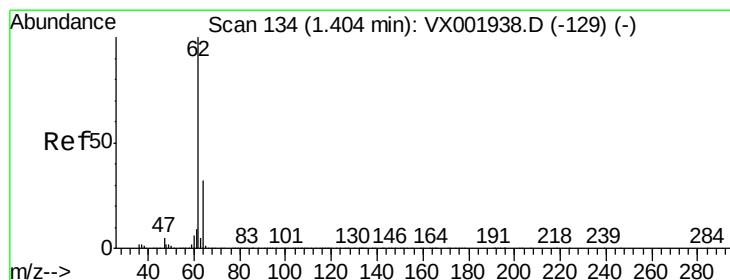
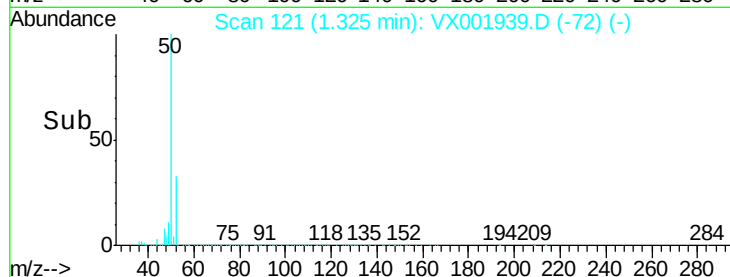
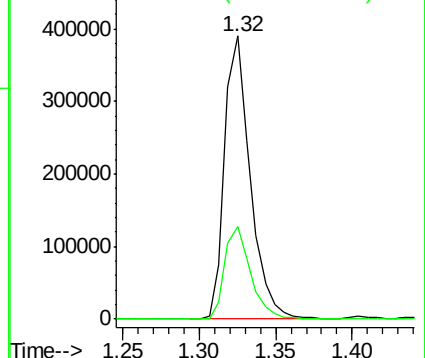
50 100

52 32.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 98.26 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001939.D

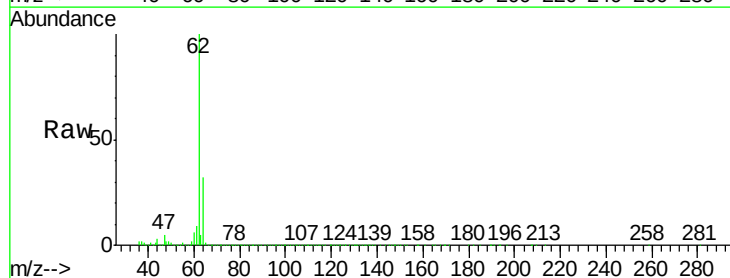
Acq: 24 May 2018 12:13

Tgt Ion: 62 Resp: 457374

Ion Ratio Lower Upper

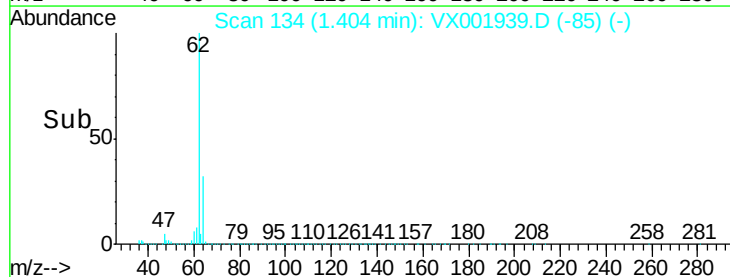
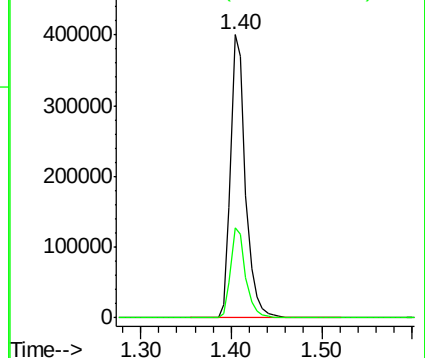
62 100

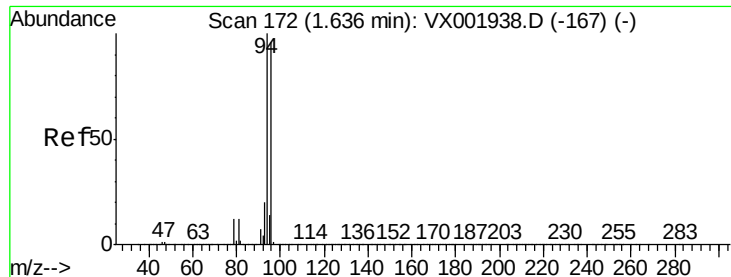
64 31.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 93.64 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

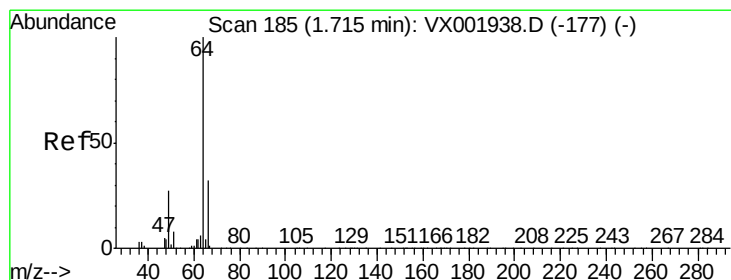
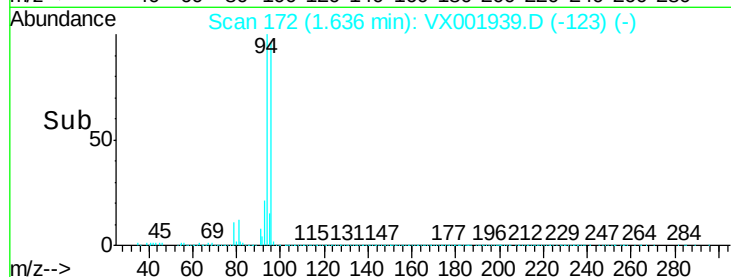
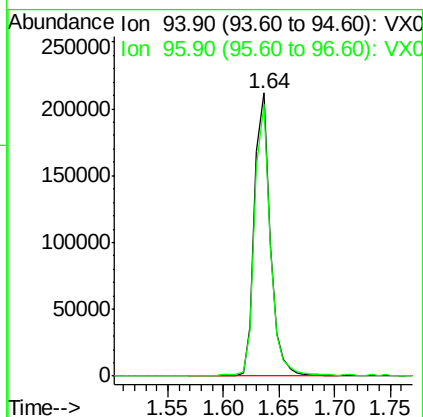
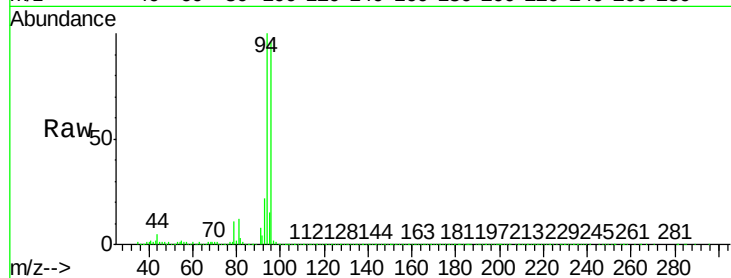
VSTDIC100

Tgt Ion: 94 Resp: 209988

Ion Ratio Lower Upper

94 100

96 95.9 75.9 113.9



#6

Chloroethane

Concen: 94.37 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX001939.D

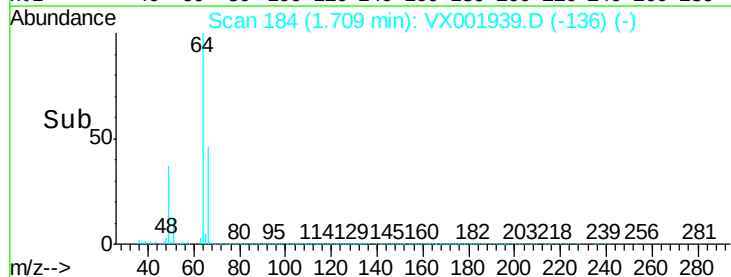
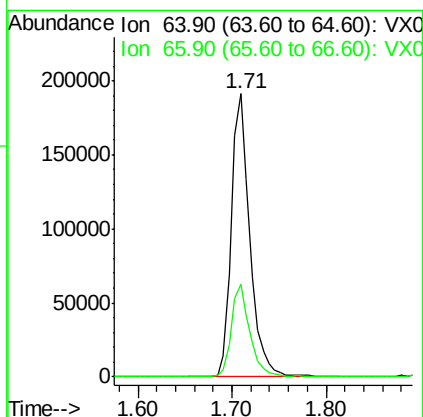
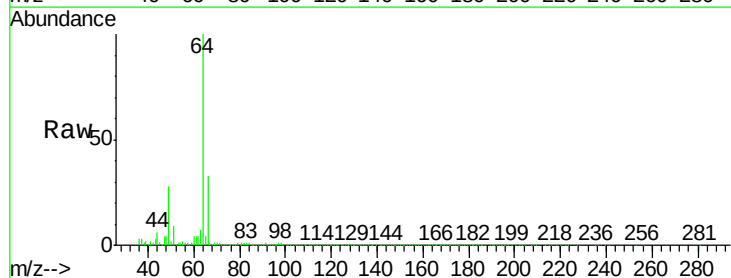
Acq: 24 May 2018 12:13

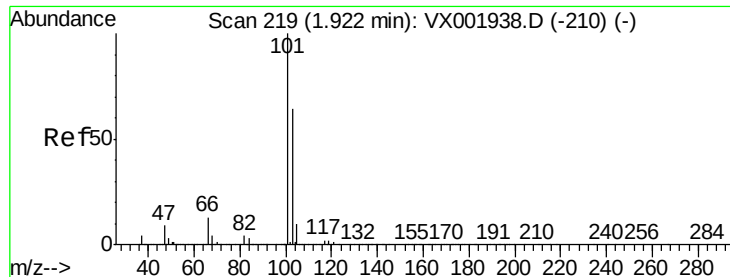
Tgt Ion: 64 Resp: 259133

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4



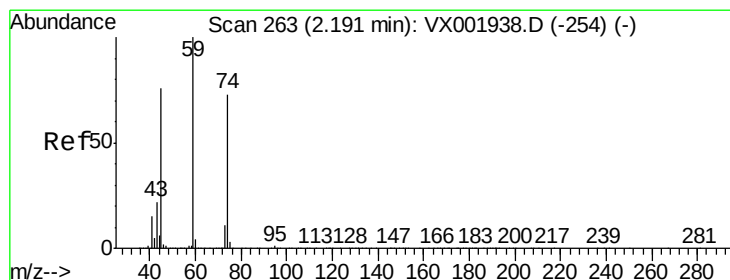
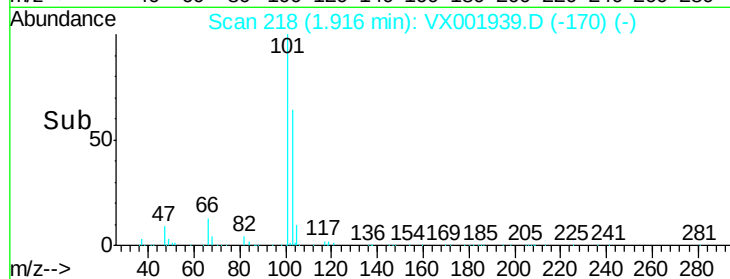
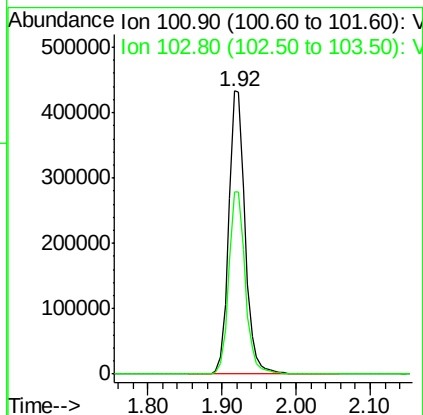
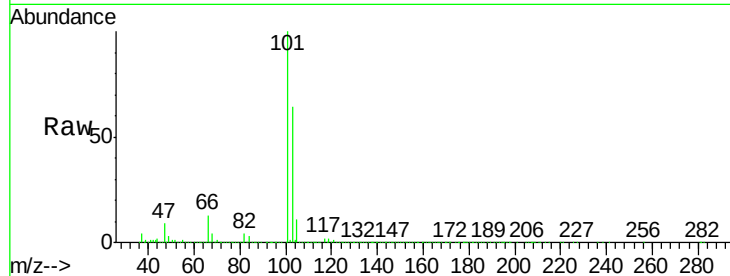


#7

Trichlorofluoromethane
Concen: 94.79 ug/l
RT: 1.92 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

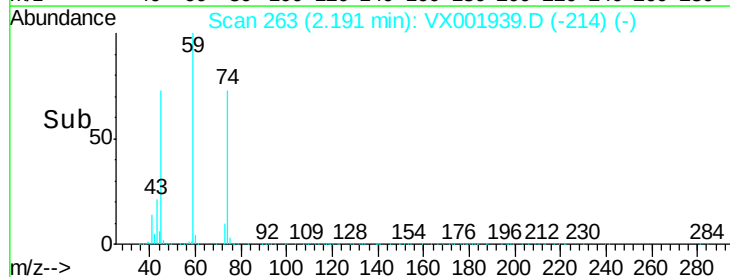
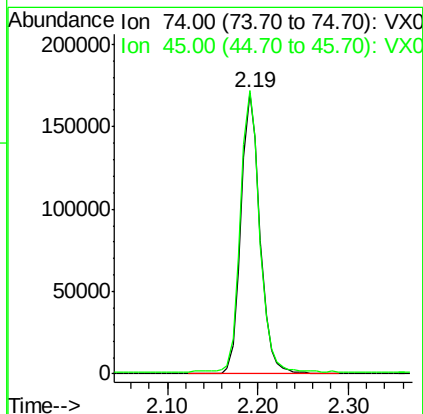
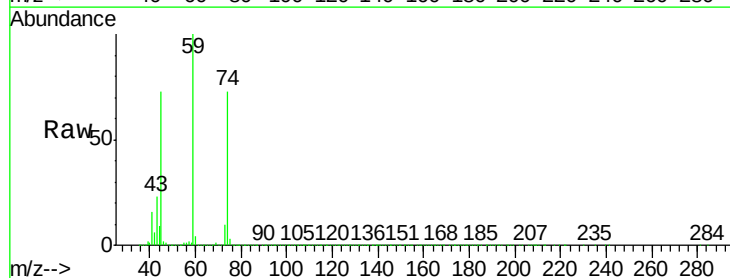
Tgt Ion:101 Resp: 665803
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

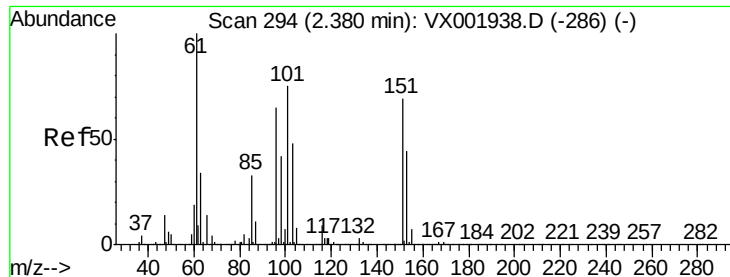


#8

Diethyl Ether
Concen: 95.87 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

Tgt Ion: 74 Resp: 246944
Ion Ratio Lower Upper
74 100
45 102.1 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.52 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

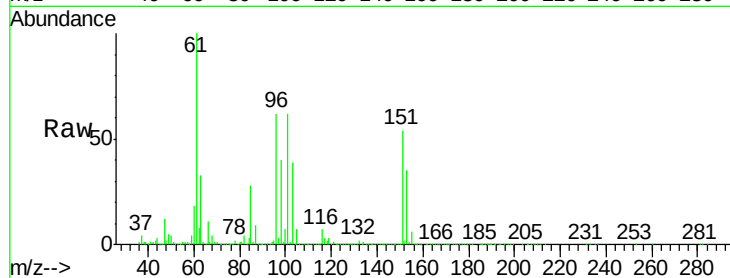
Tgt Ion:101 Resp: 372303

Ion Ratio Lower Upper

101 100

85 44.6 35.6 53.4

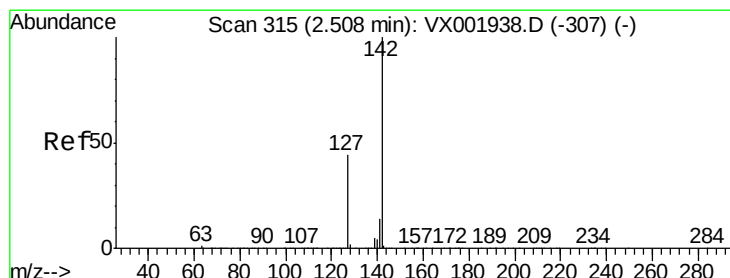
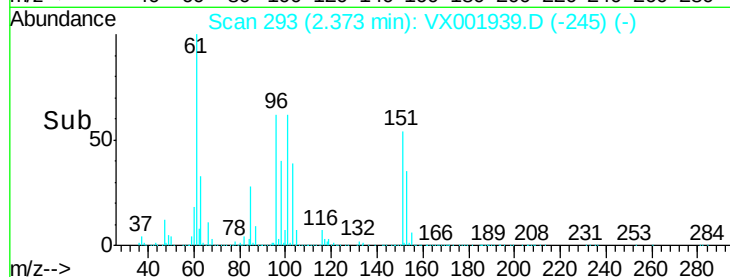
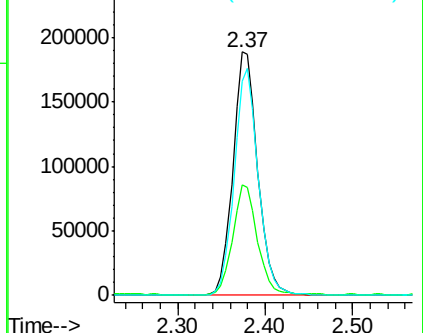
151 90.8 73.2 109.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 98.03 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

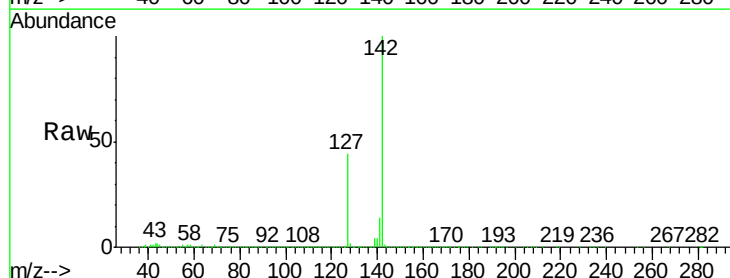
Tgt Ion:142 Resp: 583047

Ion Ratio Lower Upper

142 100

127 44.6 35.5 53.3

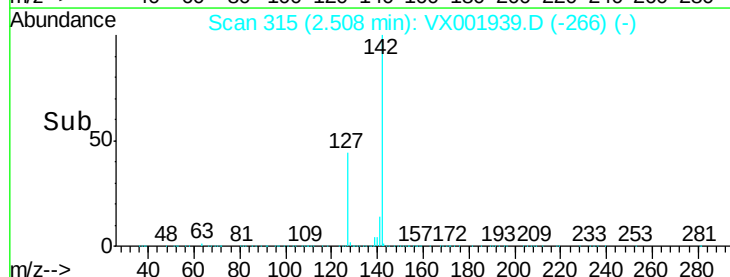
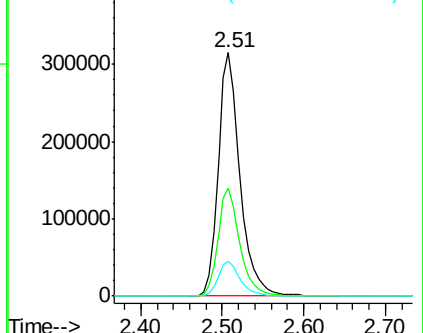
141 14.4 11.3 16.9

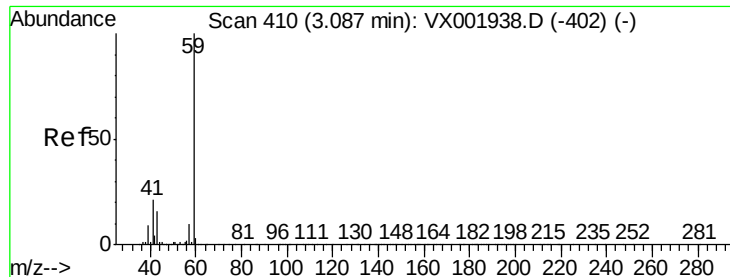


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

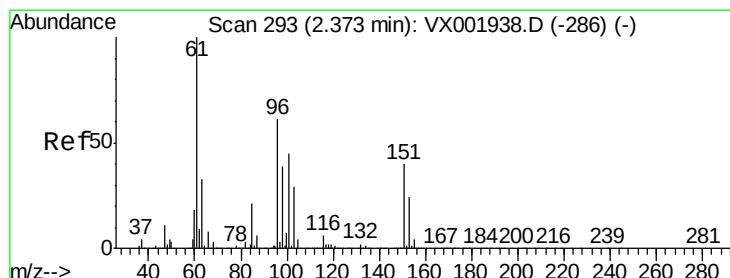
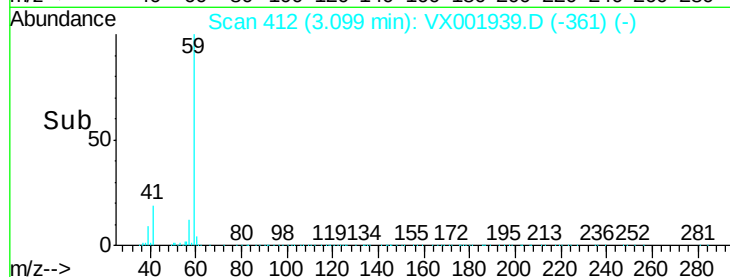
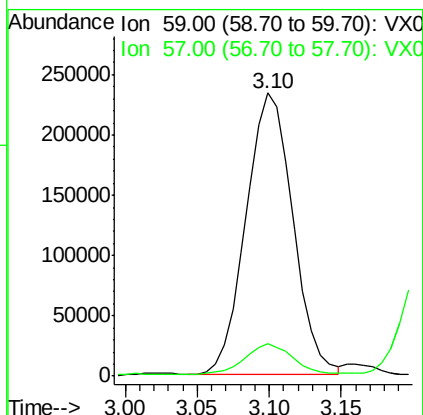
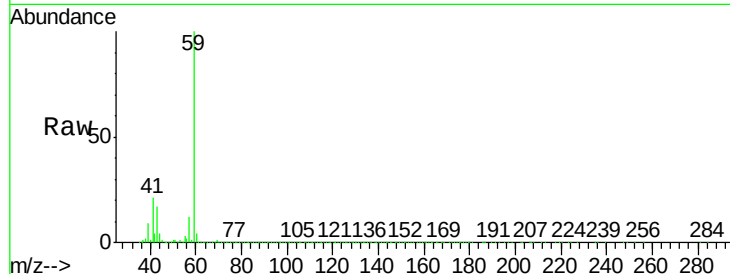




#11
Tert butyl alcohol
Concen: 466.79 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.01 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

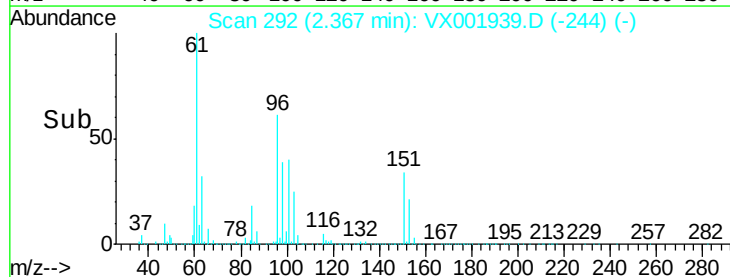
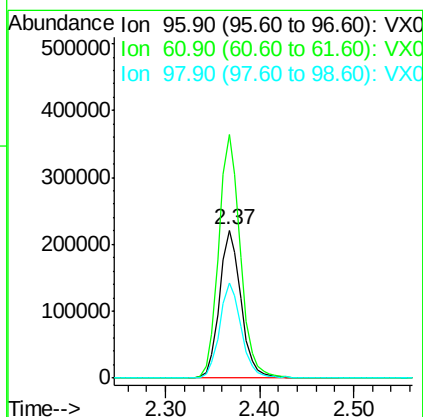
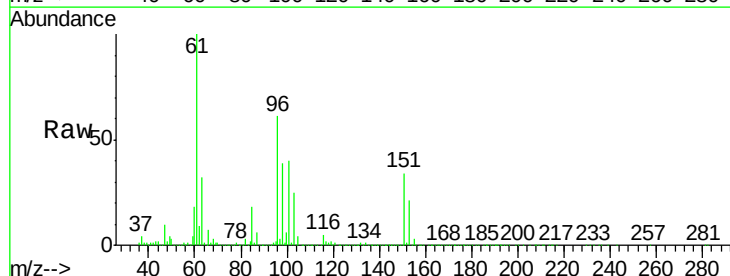
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

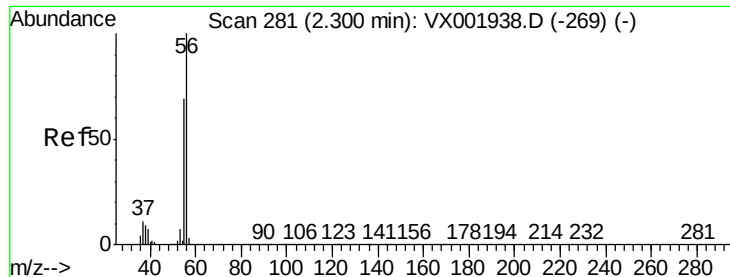
Tgt Ion: 59 Resp: 528001
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3



#12
1,1-Dichloroethene
Concen: 97.12 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

Tgt Ion: 96 Resp: 349369
Ion Ratio Lower Upper
96 100
61 164.8 131.7 197.5
98 64.1 51.6 77.4





#13

Acrolein

Concen: 514.42 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

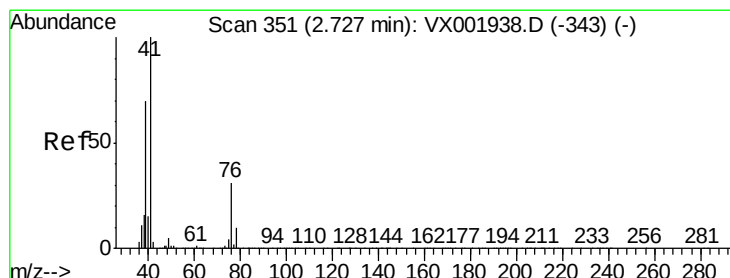
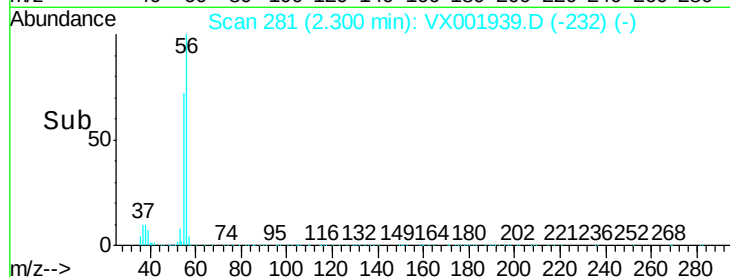
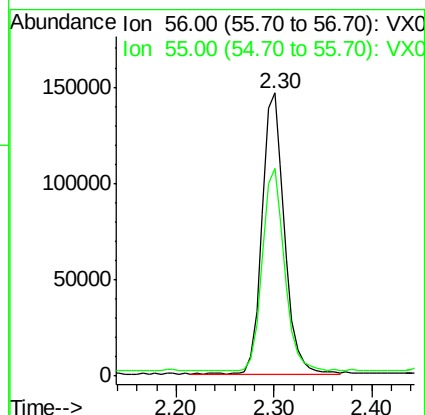
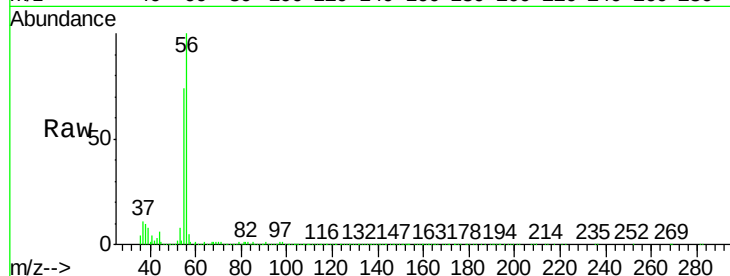
VSTDIC100

Tgt Ion: 56 Resp: 230711

Ion Ratio Lower Upper

56 100

55 71.8 56.8 85.2



#14

Allyl chloride

Concen: 95.55 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

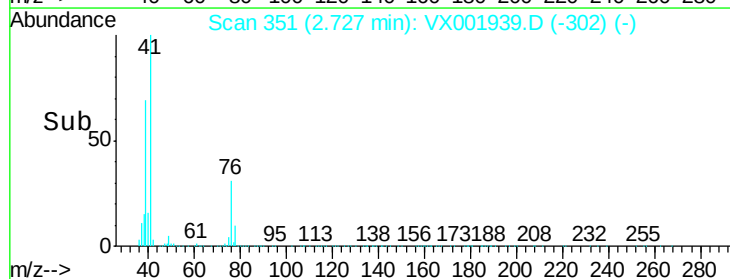
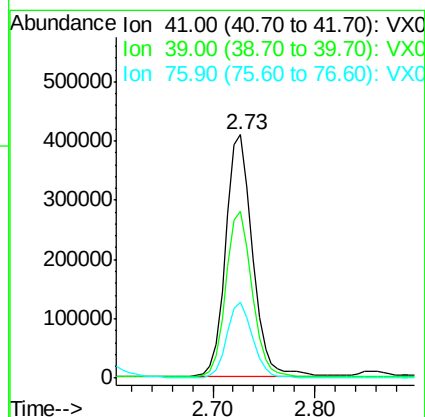
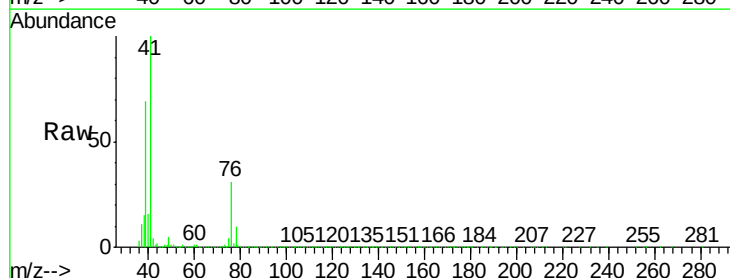
Tgt Ion: 41 Resp: 739897

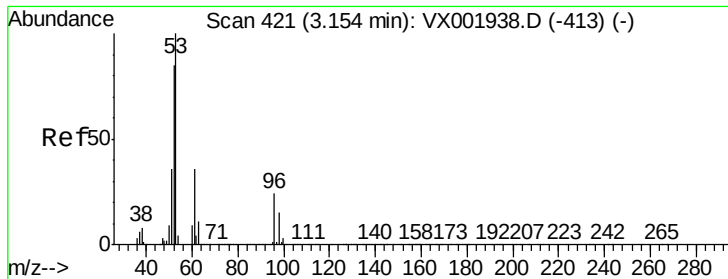
Ion Ratio Lower Upper

41 100

39 67.4 54.3 81.5

76 30.3 24.2 36.4





#15

Acrylonitrile

Concen: 468.97 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

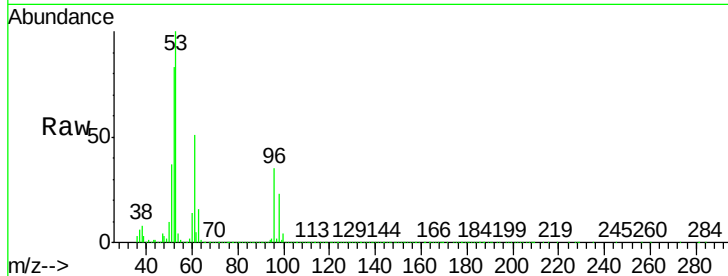
Tgt Ion: 53 Resp: 1087299

Ion Ratio Lower Upper

53 100

52 83.1 66.4 99.6

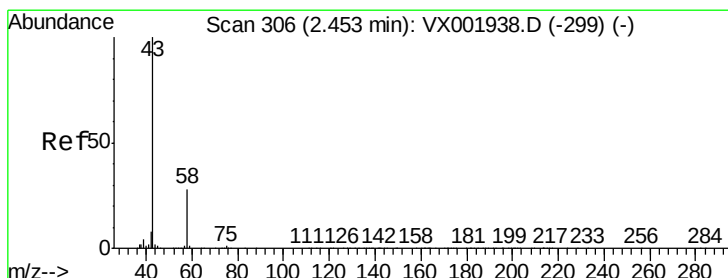
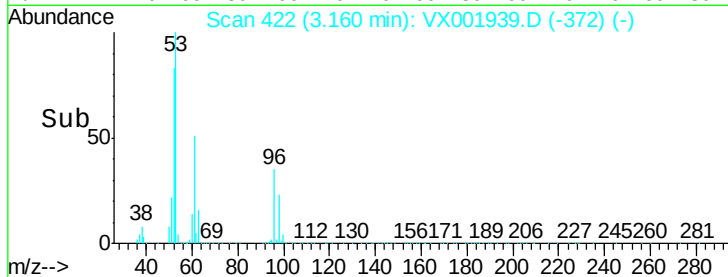
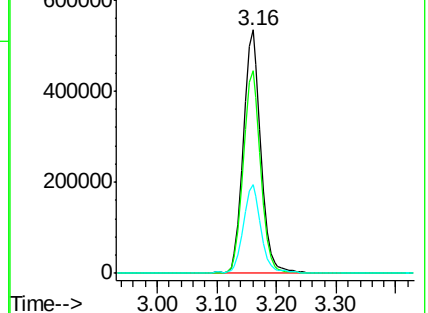
51 37.2 29.3 43.9



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: 462.31 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001939.D

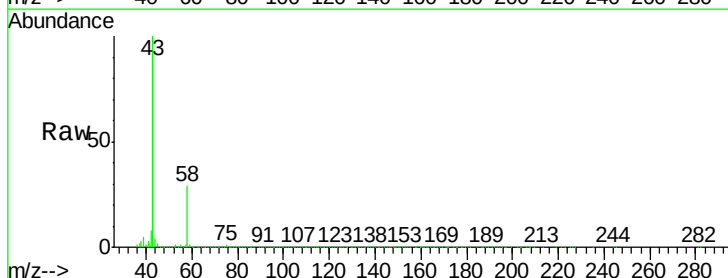
Acq: 24 May 2018 12:13

Tgt Ion: 43 Resp: 1003708

Ion Ratio Lower Upper

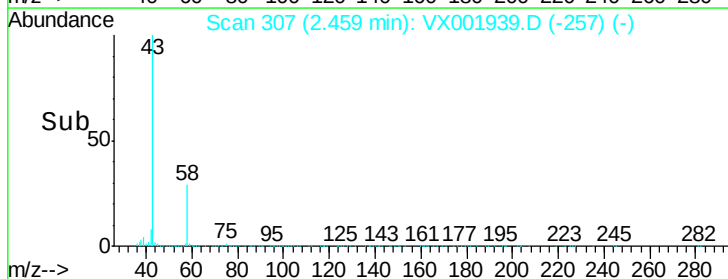
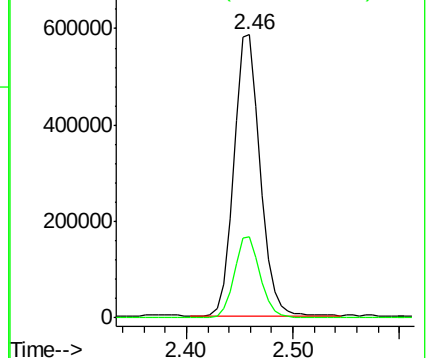
43 100

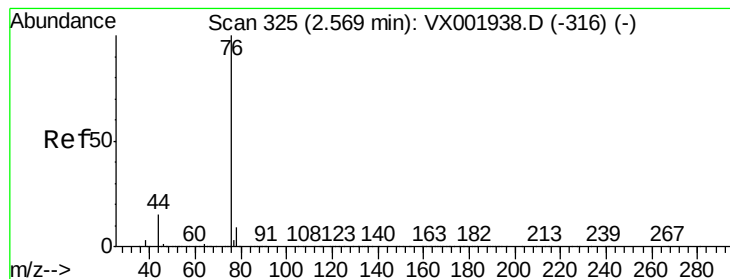
58 28.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 97.20 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

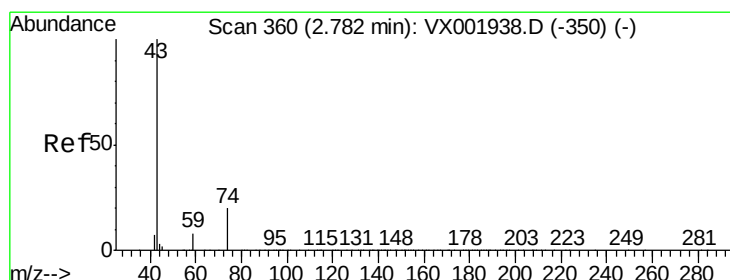
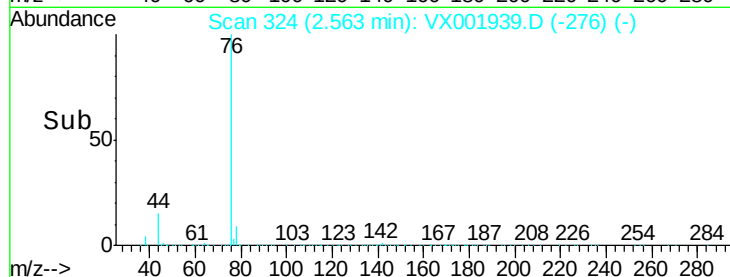
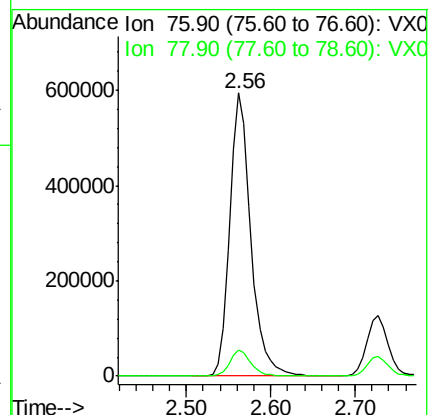
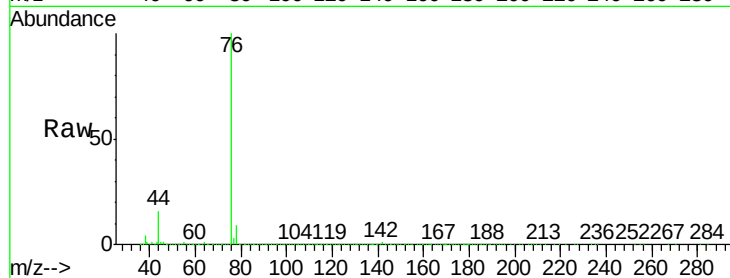
VSTDIC100

Tgt Ion: 76 Resp: 1022347

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



#18

Methyl Acetate

Concen: 93.48 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001939.D

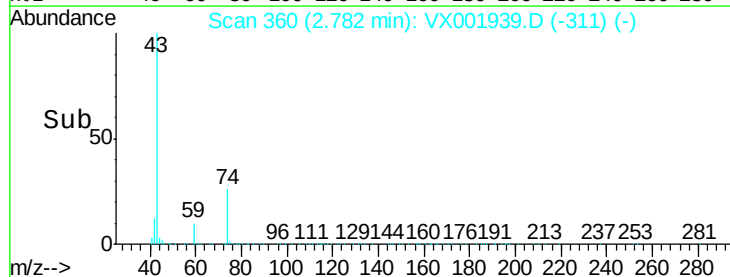
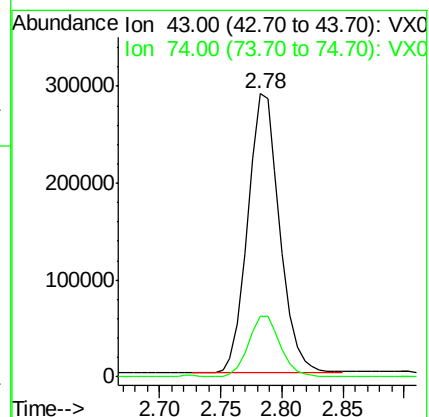
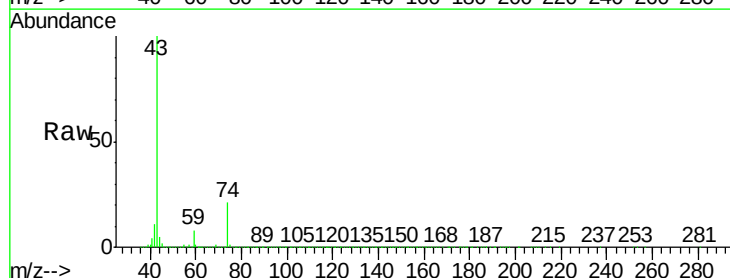
Acq: 24 May 2018 12:13

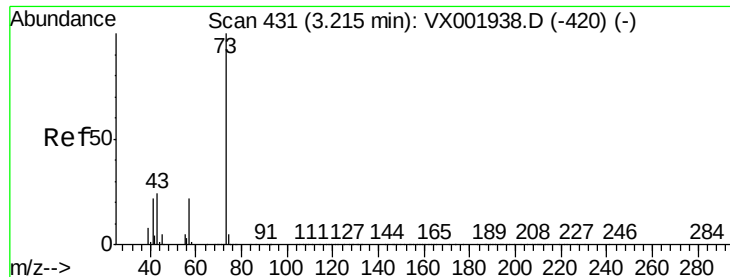
Tgt Ion: 43 Resp: 524366

Ion Ratio Lower Upper

43 100

74 21.6 16.8 25.2





#19

Methyl tert-butyl Ether

Concen: 94.74 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

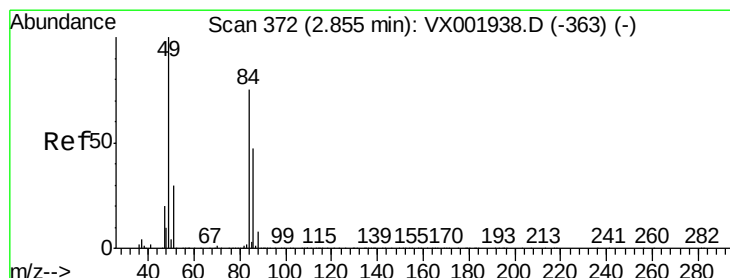
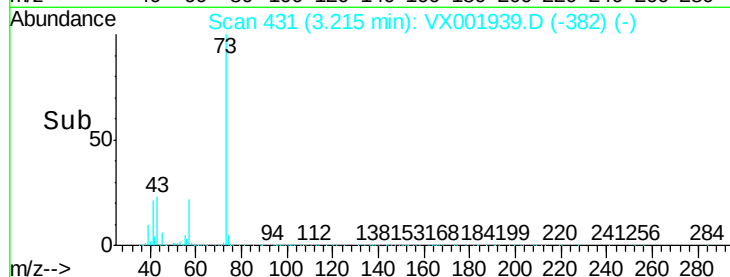
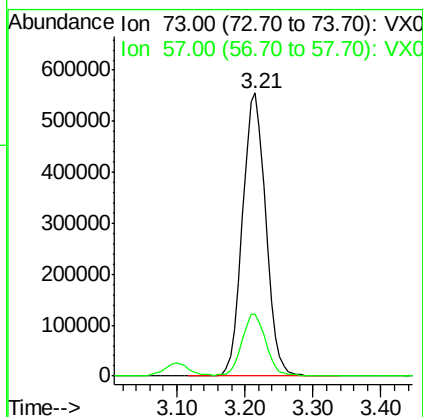
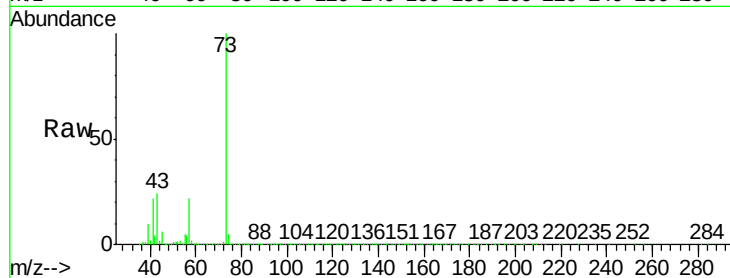
VSTDIC100

Tgt Ion: 73 Resp: 1313750

Ion Ratio Lower Upper

73 100

57 21.5 17.4 26.0



#20

Methylene Chloride

Concen: 95.15 ug/l

RT: 2.86 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Tgt Ion: 84 Resp: 383311

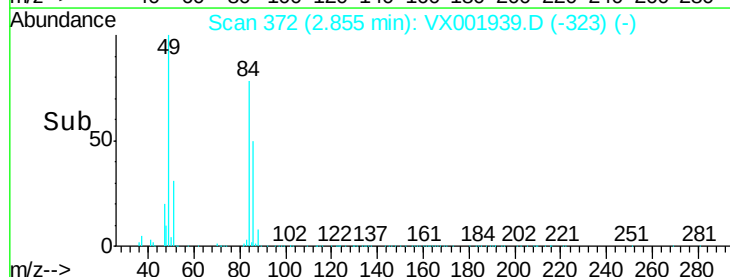
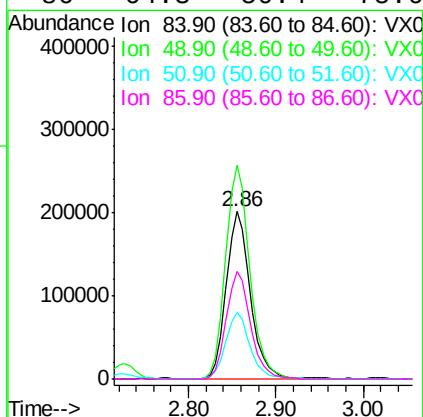
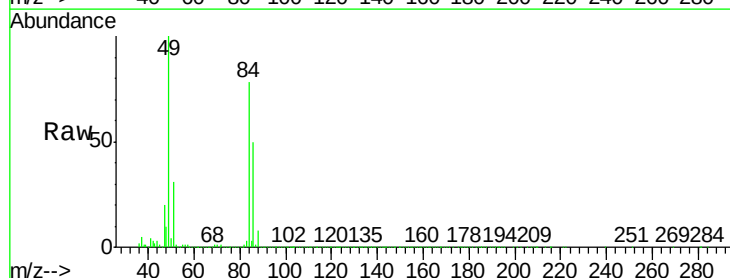
Ion Ratio Lower Upper

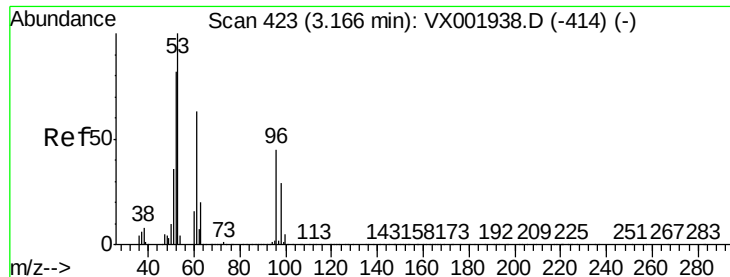
84 100

49 127.8 107.2 160.8

51 39.3 32.4 48.6

86 64.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 94.54 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

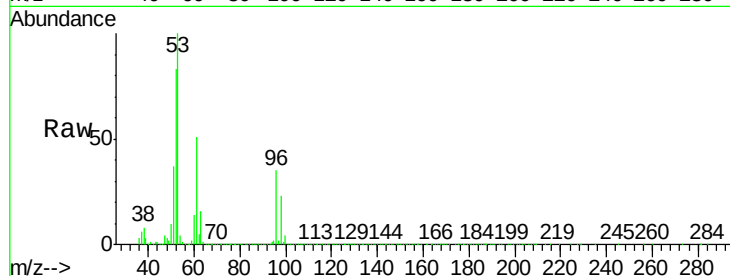
Tgt Ion: 96 Resp: 365754

Ion Ratio Lower Upper

96 100

61 145.5 113.3 169.9

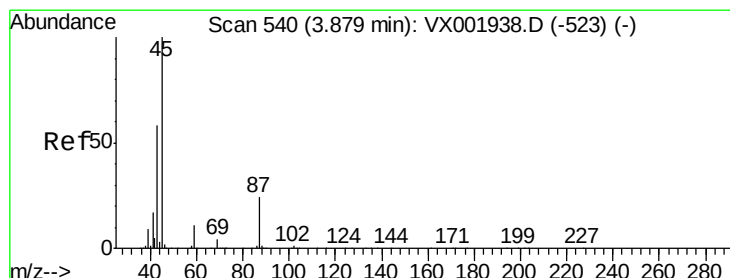
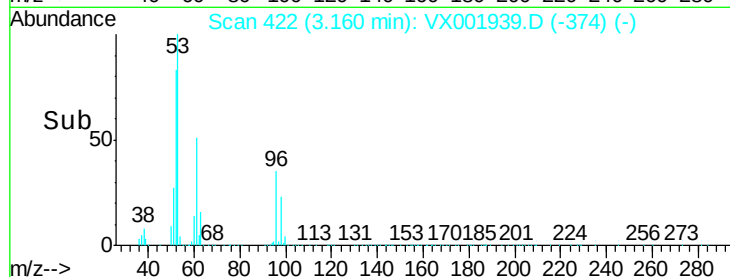
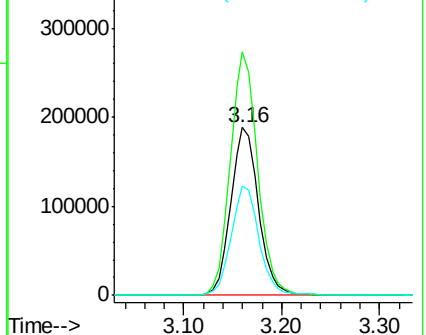
98 65.2 51.7 77.5



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: 92.58 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Tgt Ion: 45 Resp: 1504108

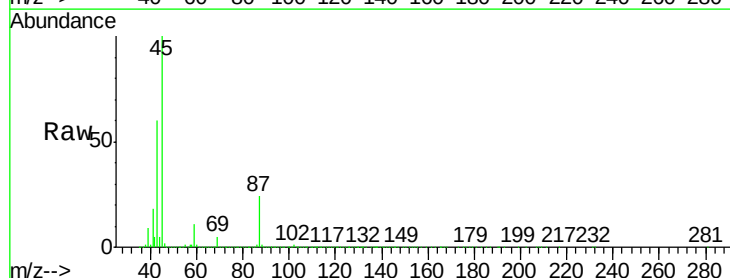
Ion Ratio Lower Upper

45 100

43 59.5 47.0 70.6

87 24.4 19.4 29.0

59 10.6 8.5 12.7

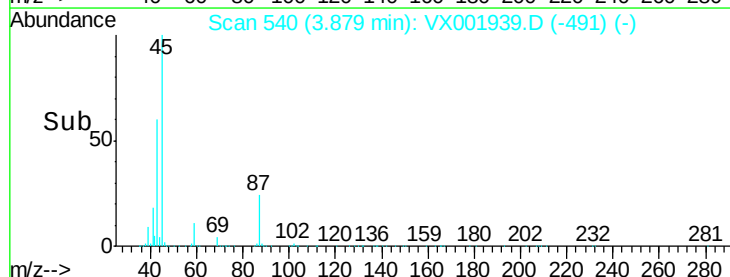
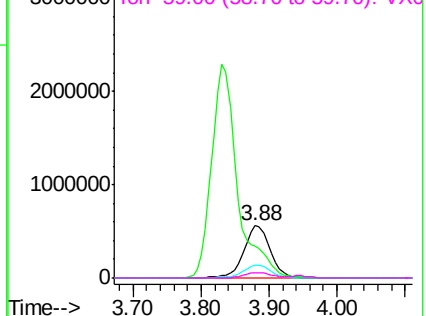


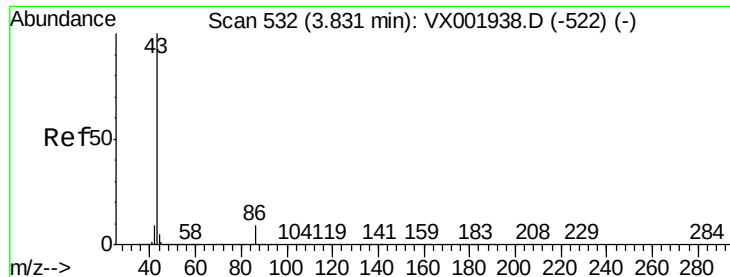
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 458.41 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

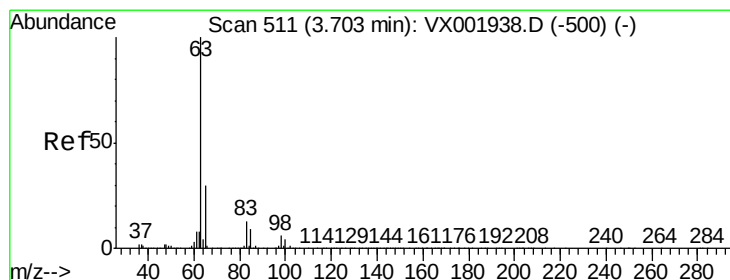
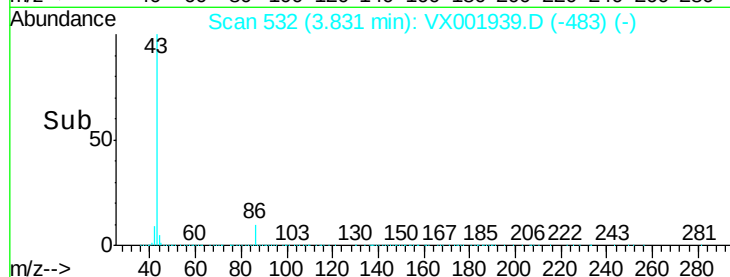
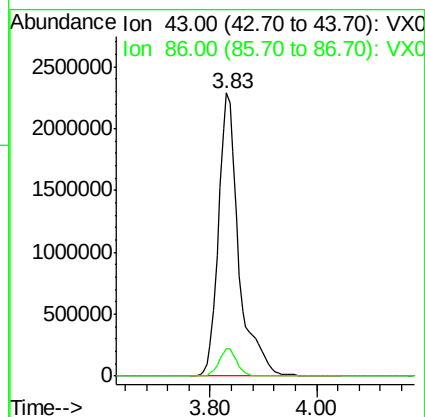
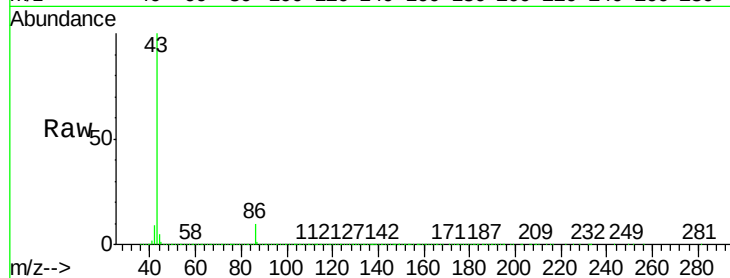
VSTDIC100

Tgt Ion: 43 Resp: 6055903

Ion Ratio Lower Upper

43 100

86 9.7 7.6 11.4



#24

1,1-Dichloroethane

Concen: 95.95 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

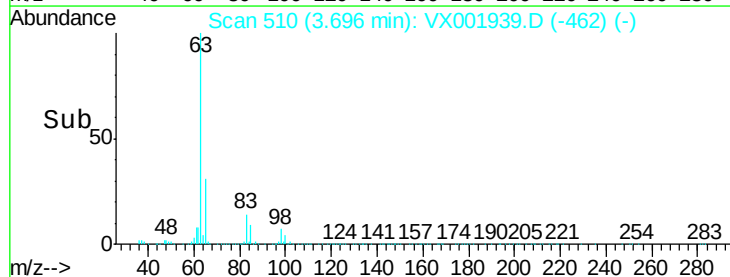
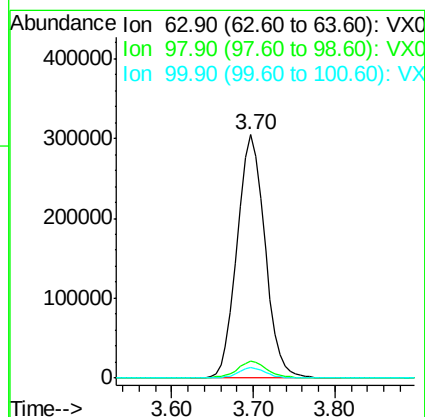
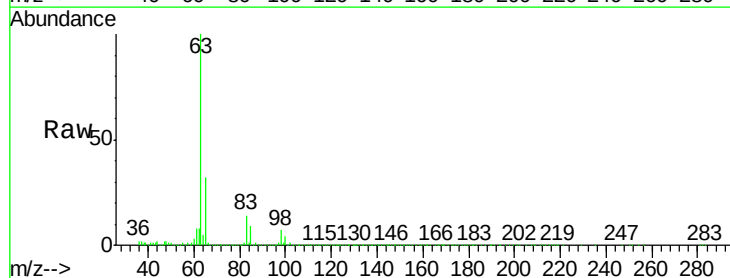
Tgt Ion: 63 Resp: 718247

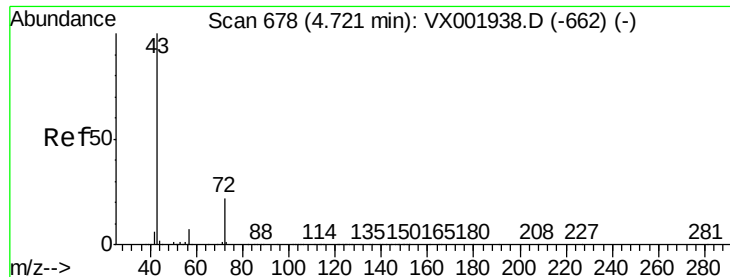
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 463.73 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

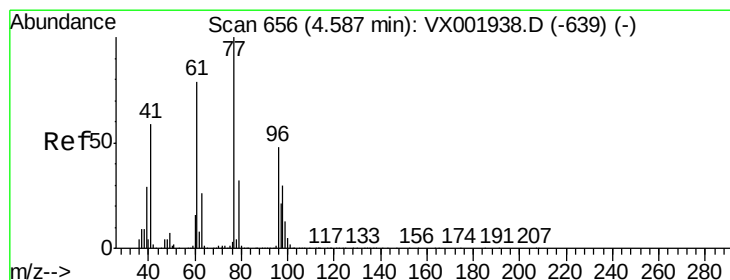
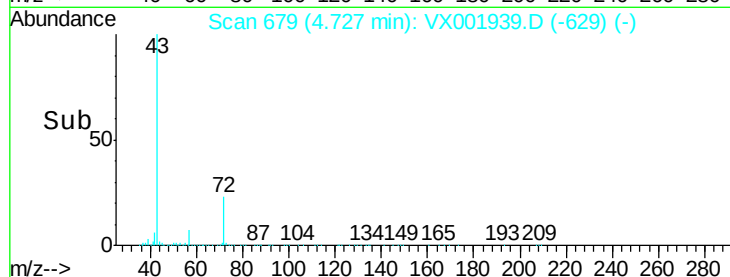
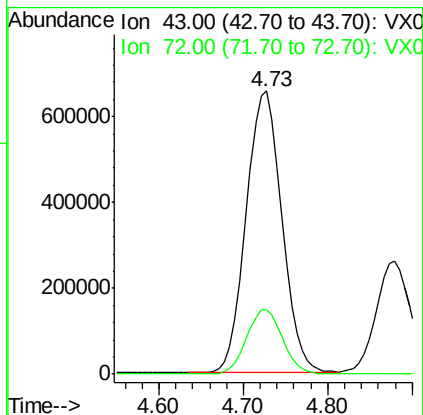
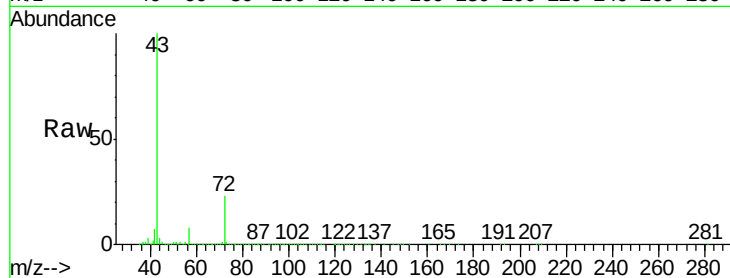
VSTDIC100

Tgt Ion: 43 Resp: 1899155

Ion Ratio Lower Upper

43 100

72 22.6 17.9 26.9



#26

2,2-Dichloropropane

Concen: 94.49 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001939.D

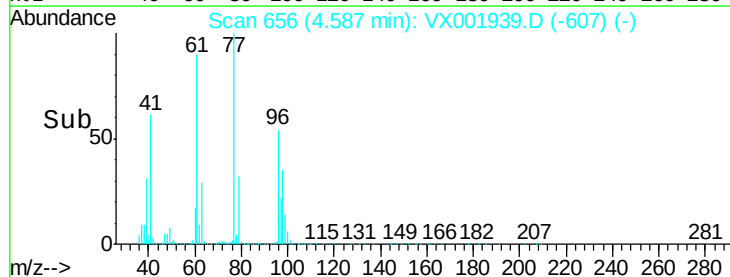
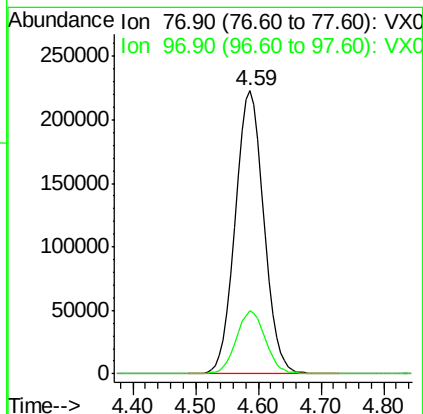
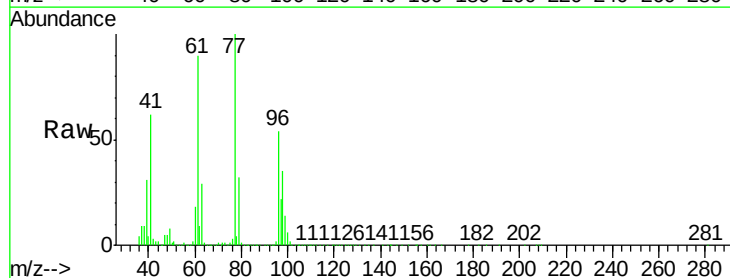
Acq: 24 May 2018 12:13

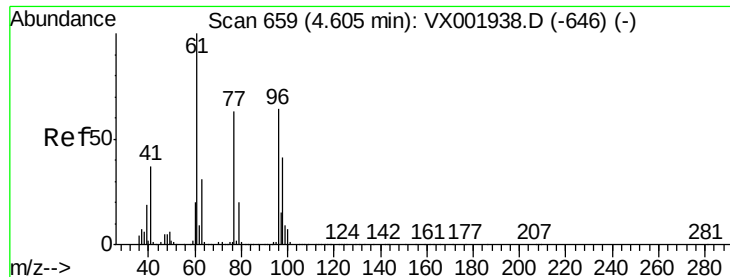
Tgt Ion: 77 Resp: 701385

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 96.45 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

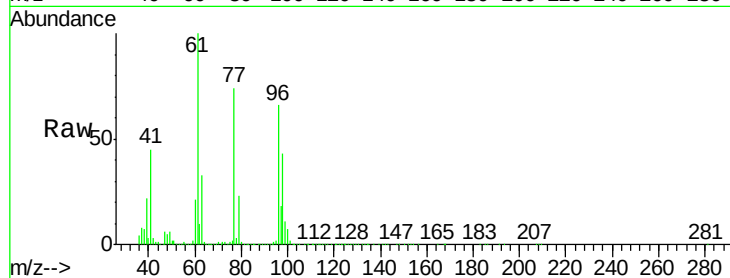
Tgt Ion: 96 Resp: 463634

Ion Ratio Lower Upper

96 100

61 165.7 0.0 348.4

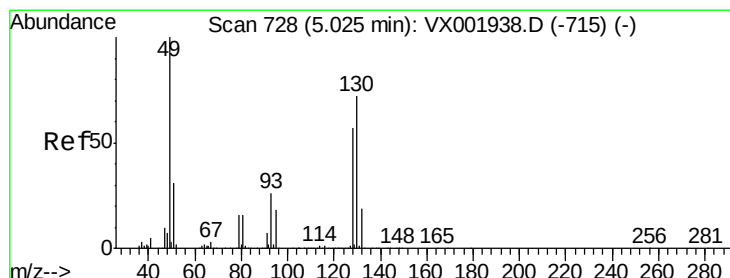
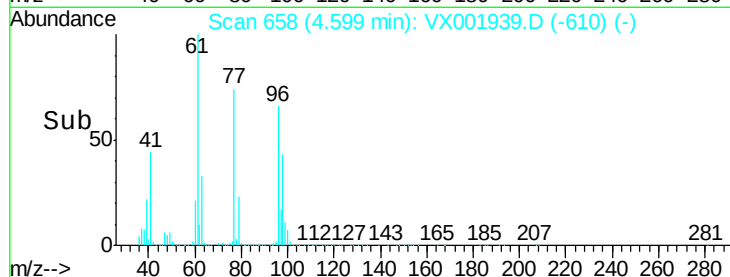
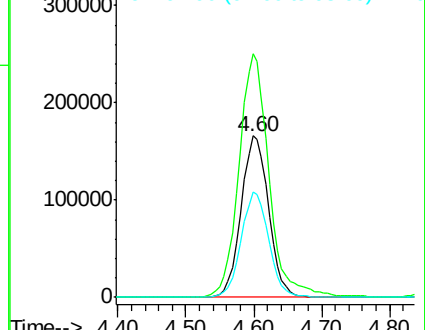
98 64.7 0.0 128.6



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



#28

Bromochloromethane

Concen: 95.45 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

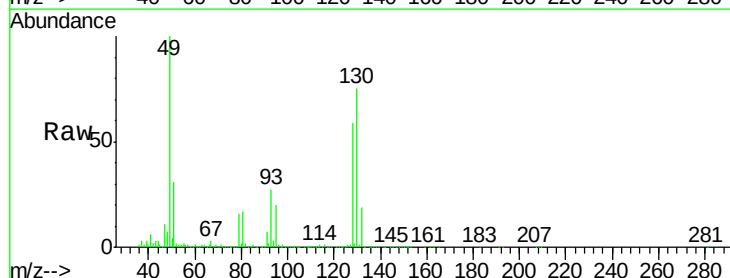
Tgt Ion: 49 Resp: 325460

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

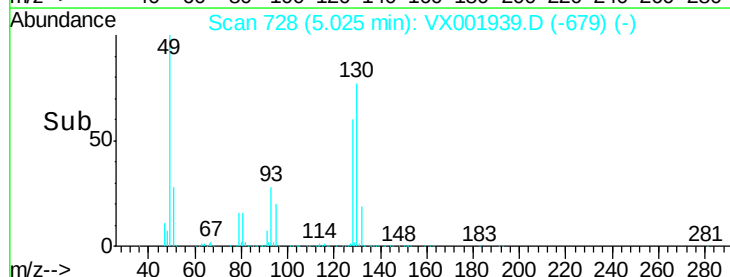
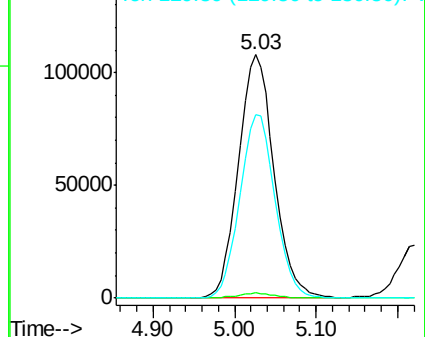
130 75.1 59.4 89.2

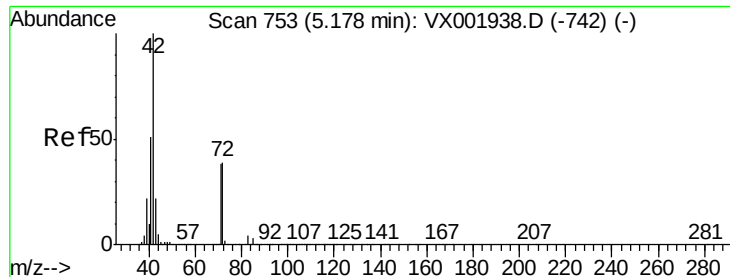


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 458.87 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

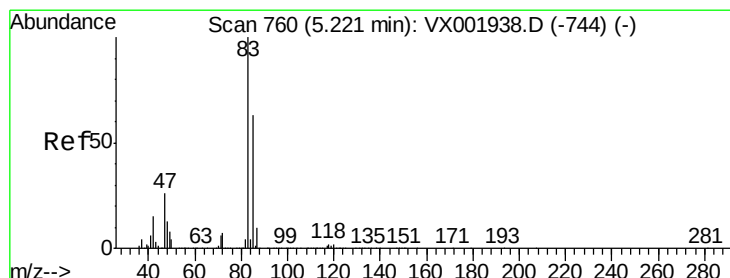
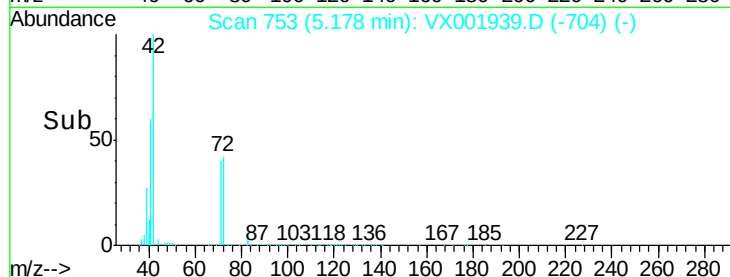
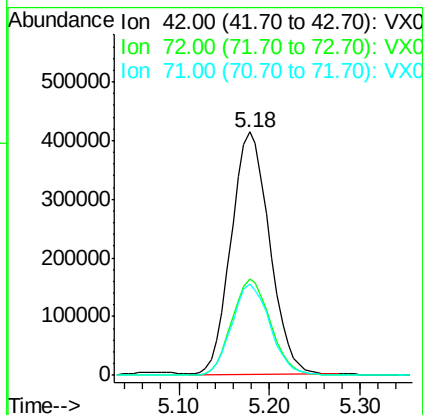
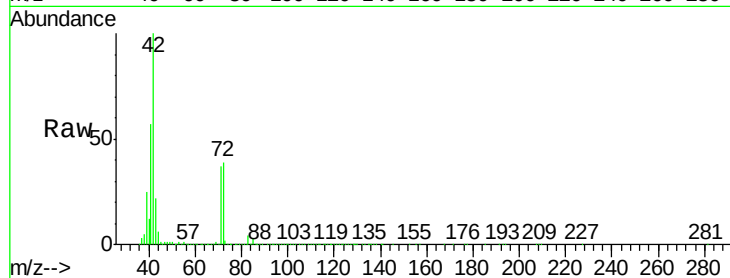
Tgt Ion: 42 Resp: 1214538

Ion Ratio Lower Upper

42 100

72 40.0 31.4 47.0

71 37.4 29.5 44.3



#30

Chloroform

Concen: 96.38 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001939.D

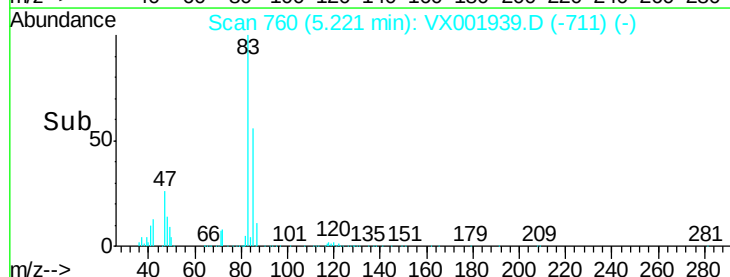
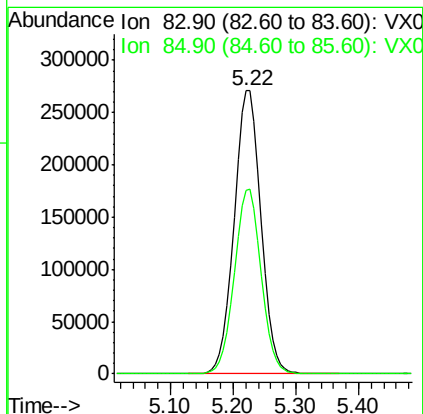
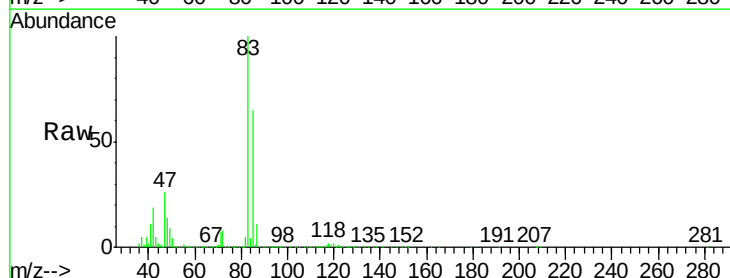
Acq: 24 May 2018 12:13

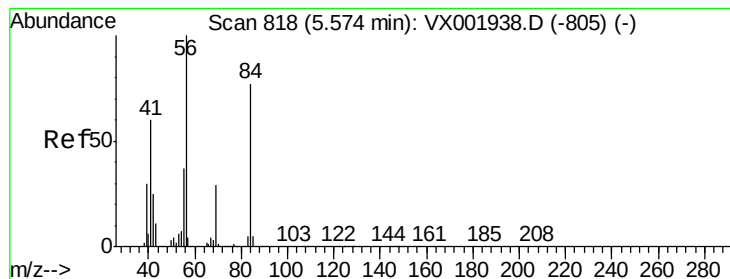
Tgt Ion: 83 Resp: 798190

Ion Ratio Lower Upper

83 100

85 64.9 50.9 76.3





#31

Cyclohexane

Concen: 95.89 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

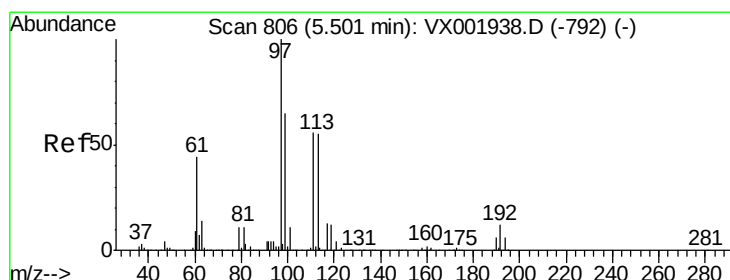
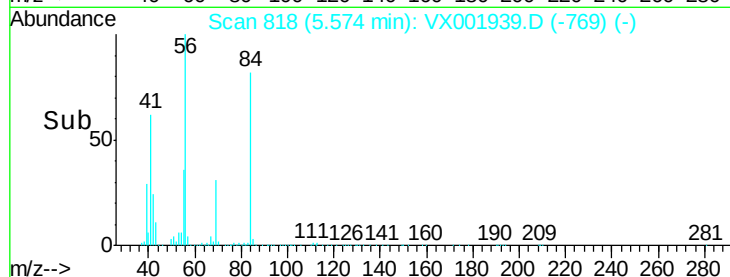
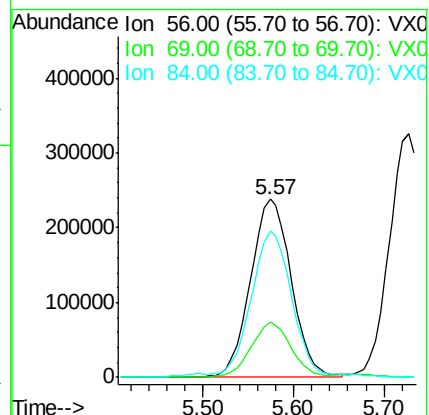
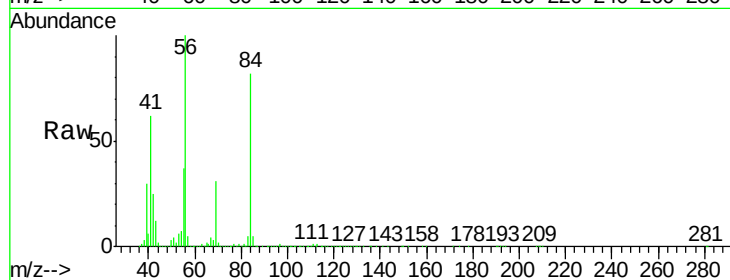
Tgt Ion: 56 Resp: 734250

Ion Ratio Lower Upper

56 100

69 30.5 23.1 34.7

84 80.9 62.0 93.0



#32

1,1,1-Trichloroethane

Concen: 96.32 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

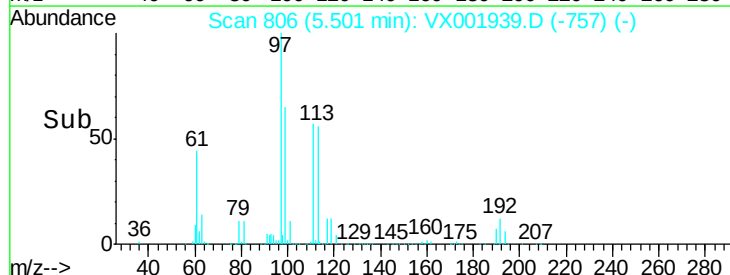
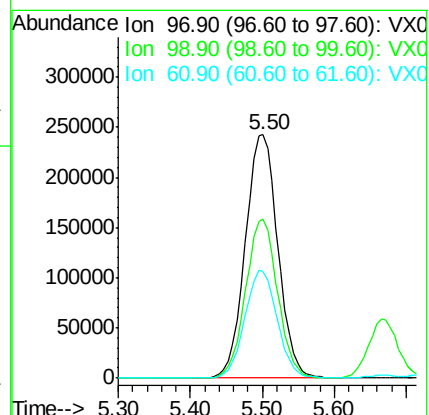
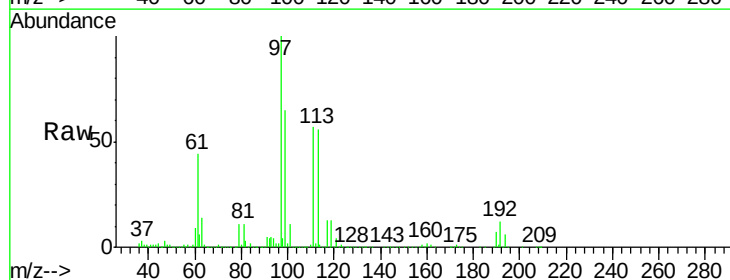
Tgt Ion: 97 Resp: 755262

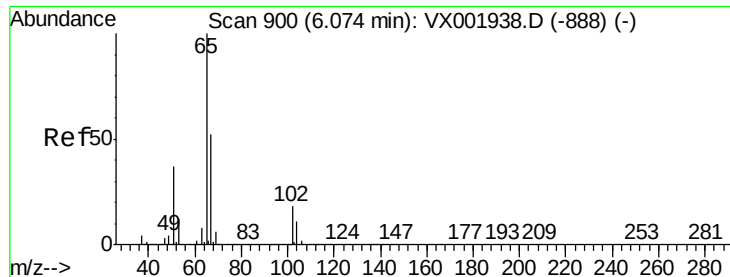
Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

61 44.3 35.9 53.9

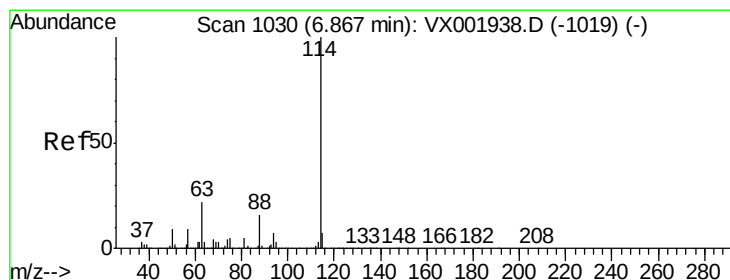
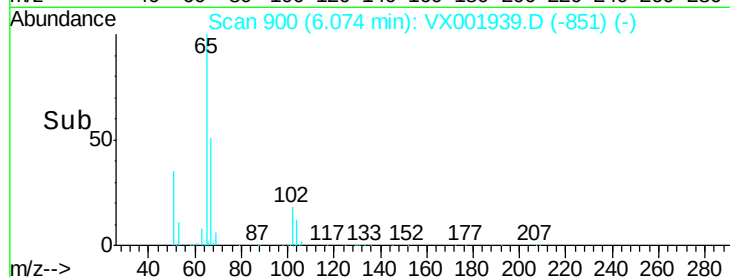
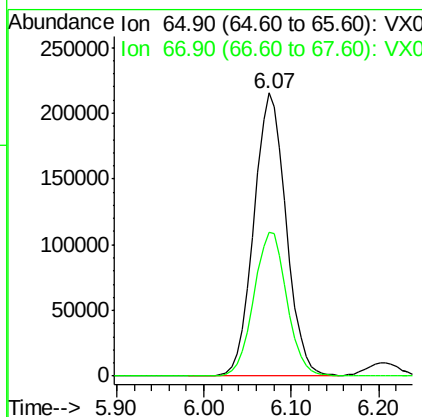
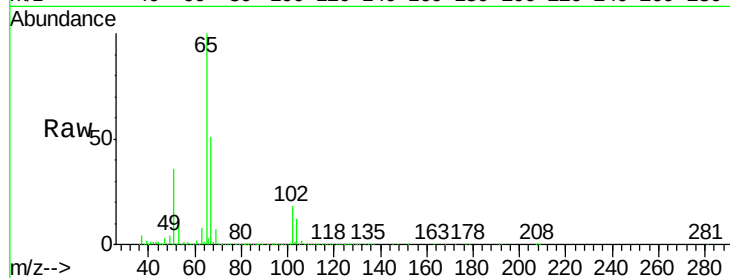




#33
 1,2-Dichloroethane-d4
 Concen: 96.30 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001939.D
 Acq: 24 May 2018 12:13

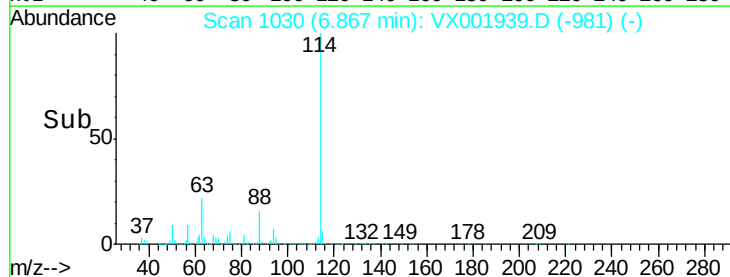
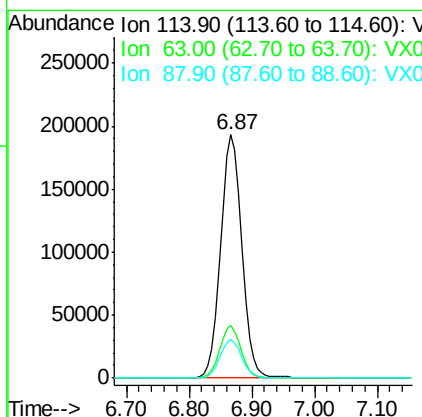
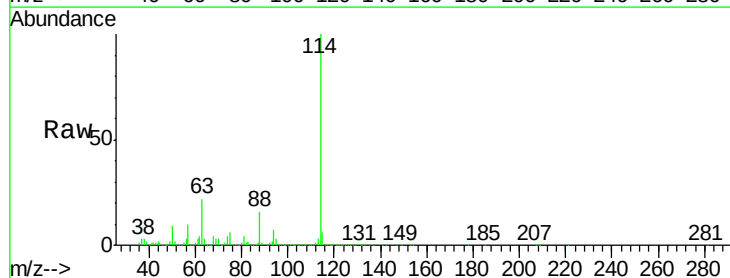
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

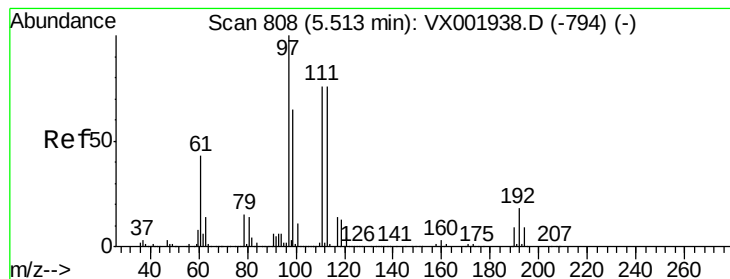
Tgt Ion: 65 Resp: 552802
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001939.D
 Acq: 24 May 2018 12:13

Tgt Ion: 114 Resp: 451849
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 98.71 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

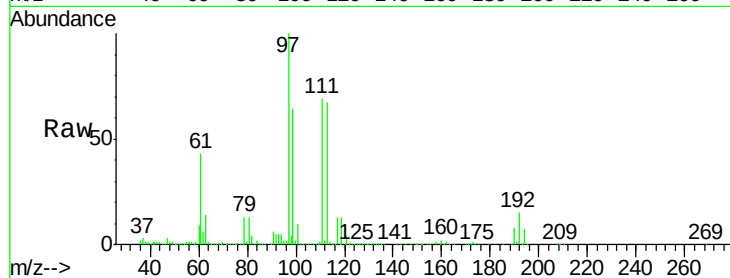
Tgt Ion:113 Resp: 434703

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

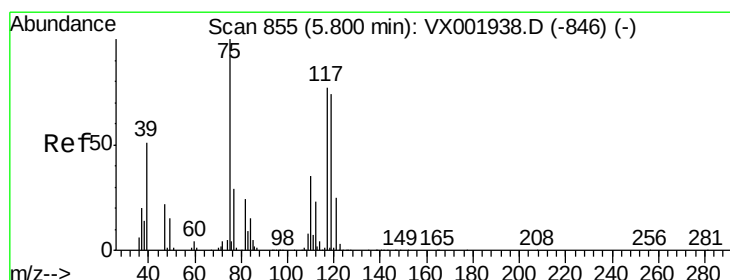
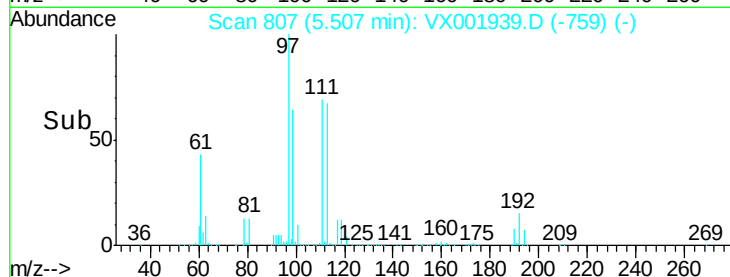
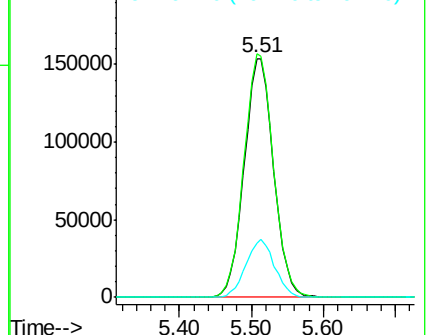
192 23.7 18.9 28.3



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: 98.18 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

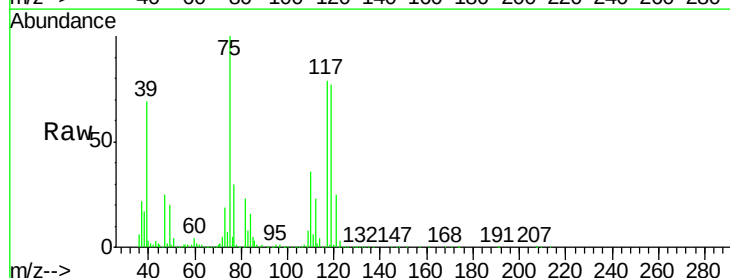
Tgt Ion: 75 Resp: 591750

Ion Ratio Lower Upper

75 100

110 35.8 17.4 52.2

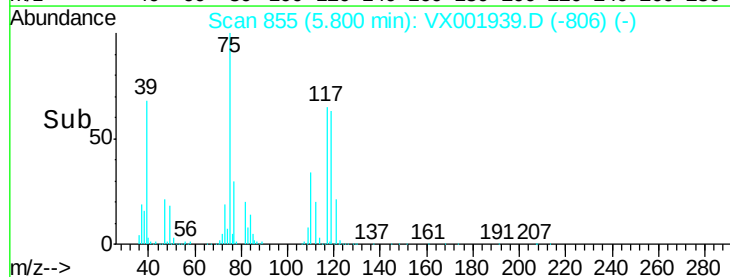
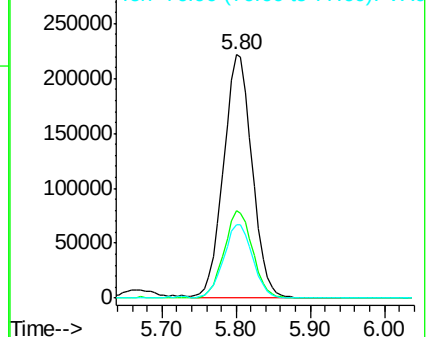
77 30.4 24.4 36.6

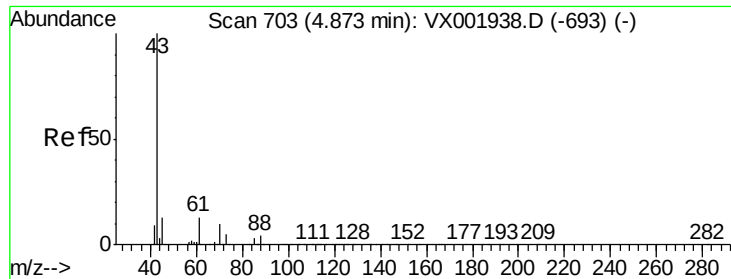


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

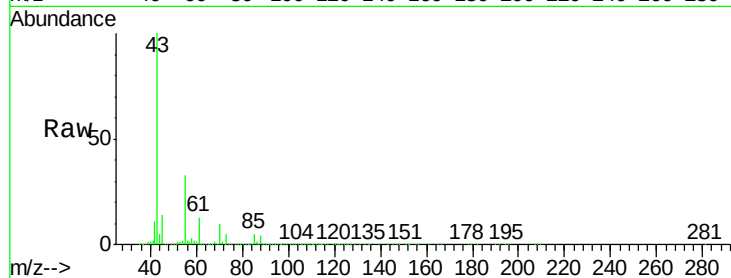




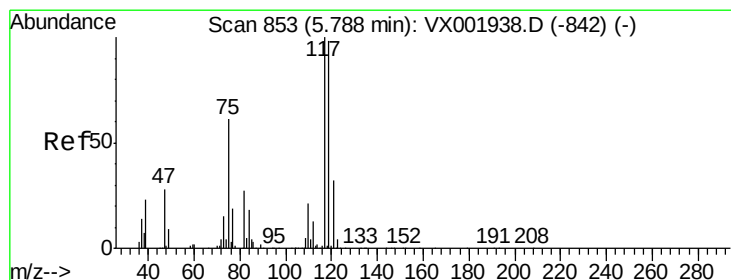
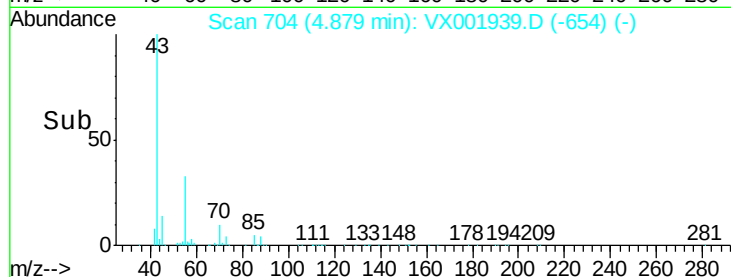
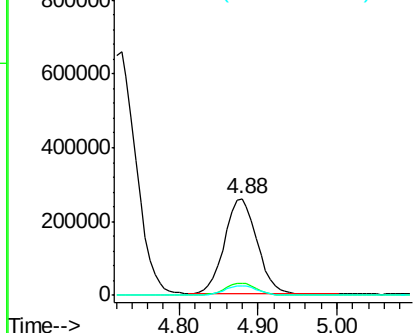
#37
Ethyl Acetate
Concen: 94.04 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 750017
Ion Ratio Lower Upper
43 100
61 12.6 10.2 15.2
70 9.8 7.8 11.8

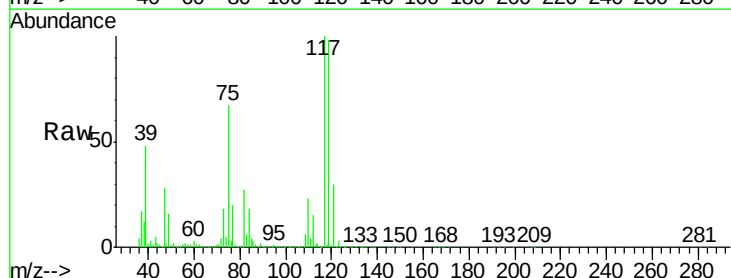


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

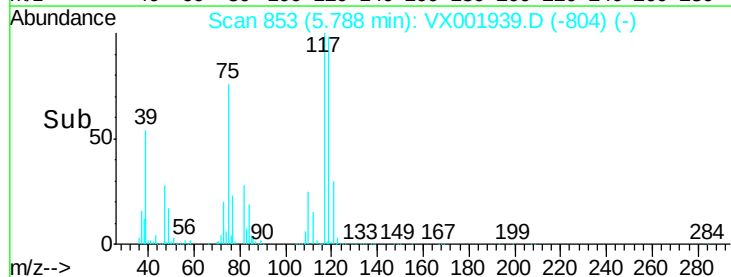
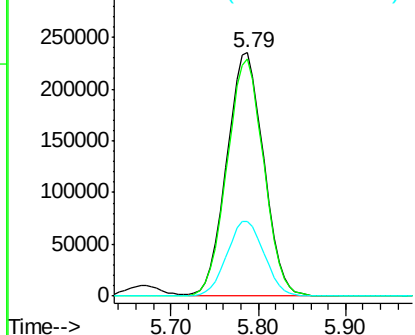


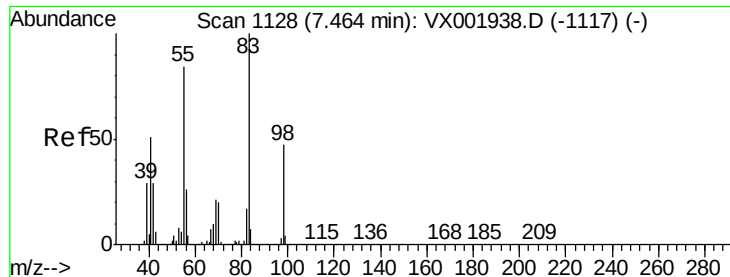
#38
Carbon Tetrachloride
Concen: 98.16 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

Tgt Ion: 117 Resp: 690134
Ion Ratio Lower Upper
117 100
119 97.6 78.5 117.7
121 30.4 25.5 38.3



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

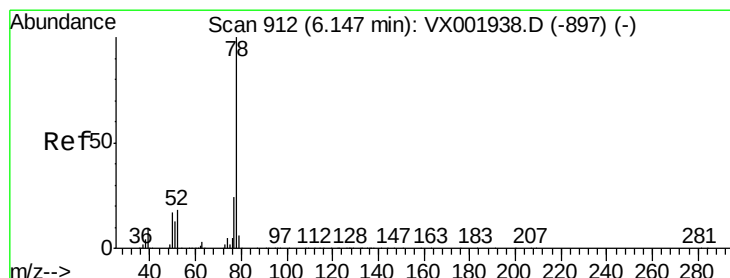
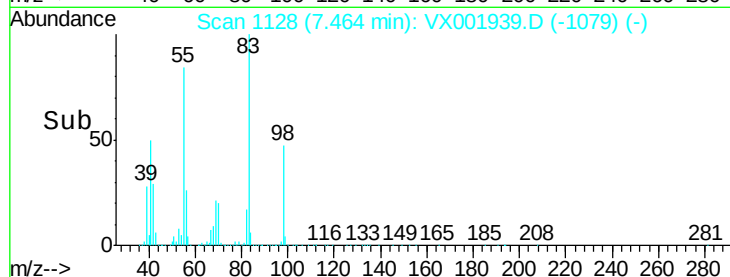
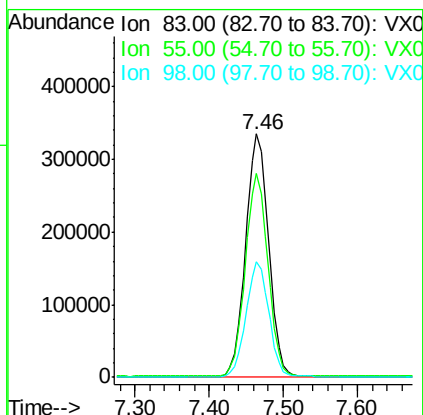
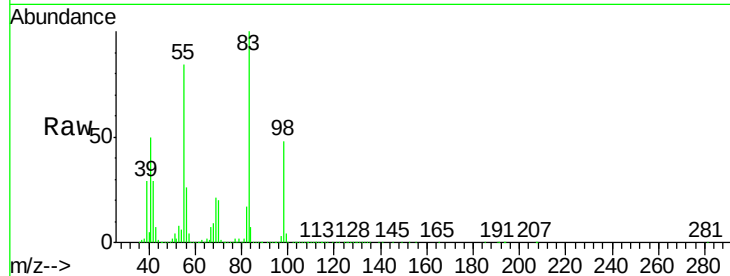




#39
Methylcyclohexane
Concen: 98.88 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

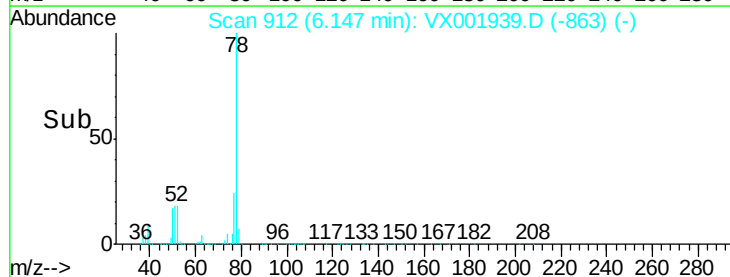
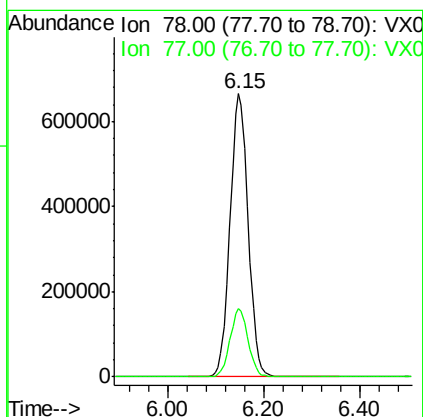
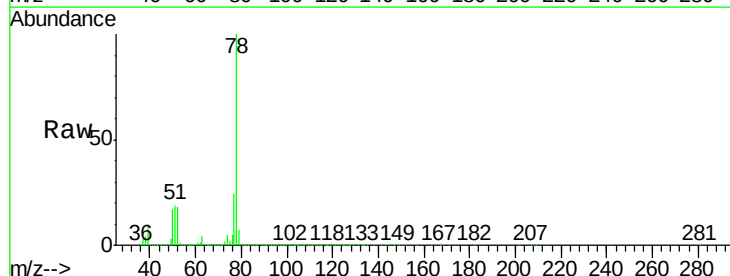
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

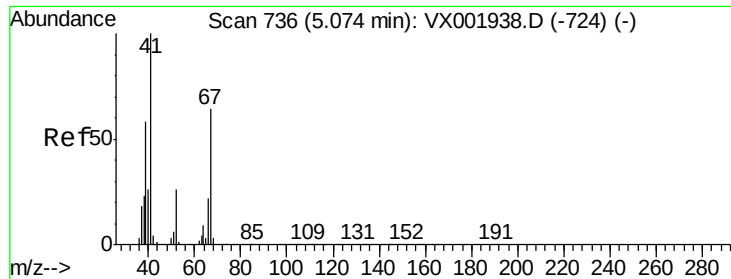
Tgt Ion: 83 Resp: 726530
Ion Ratio Lower Upper
83 100
55 83.6 67.3 100.9
98 47.4 37.5 56.3



#40
Benzene
Concen: 97.15 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

Tgt Ion: 78 Resp: 1740732
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

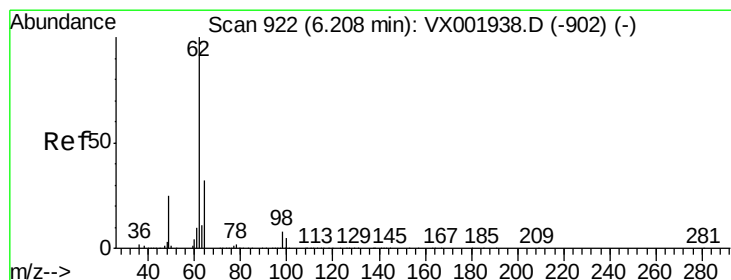
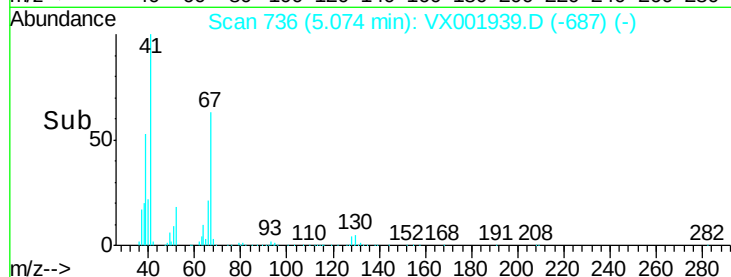
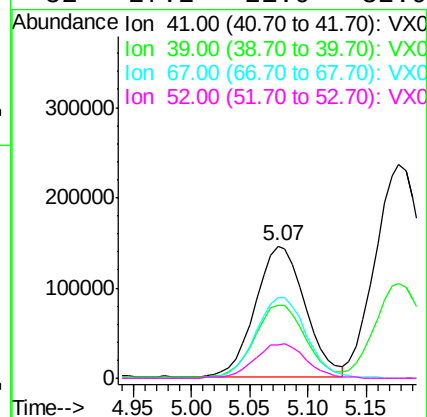
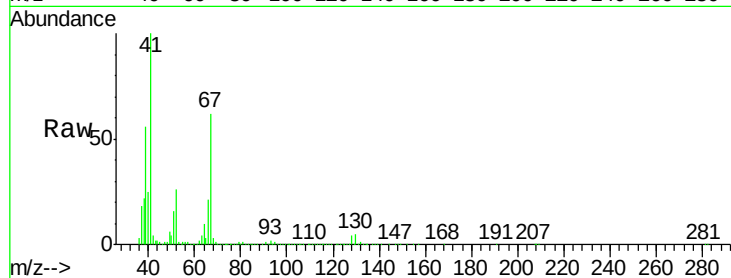




#41
Methacrylonitrile
Concen: 96.30 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

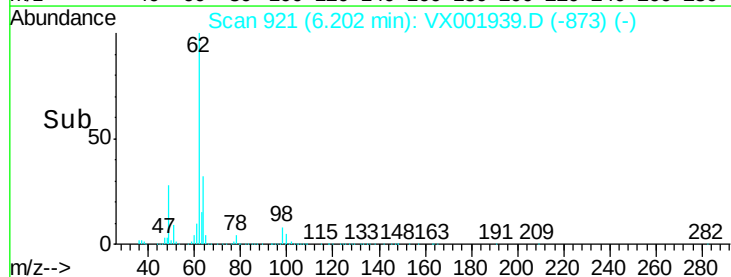
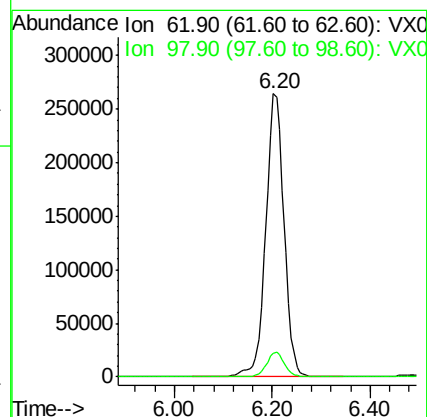
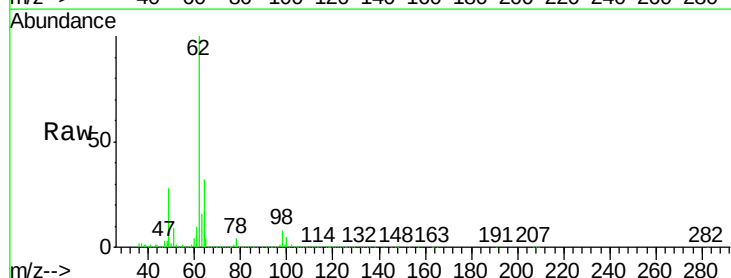
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

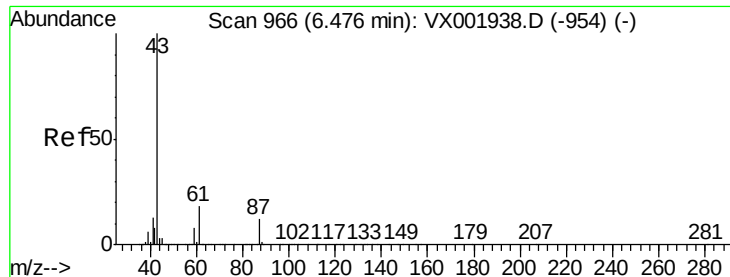
Tgt Ion:	41	Resp:	426947
Ion	Ratio	Lower	Upper
41	100		
39	56.3	46.0	69.0
67	63.0	50.6	75.8
52	27.2	21.9	32.9



#42
1,2-Dichloroethane
Concen: 97.78 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

Tgt Ion:	62	Resp:	683931
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.0





#43

Isopropyl Acetate

Concen: 95.85 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

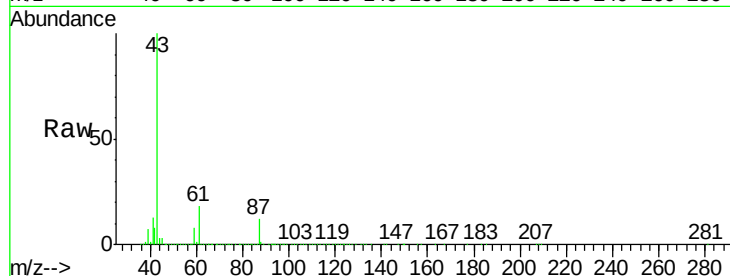
Tgt Ion: 43 Resp: 1280348

Ion Ratio Lower Upper

43 100

61 18.3 14.5 21.7

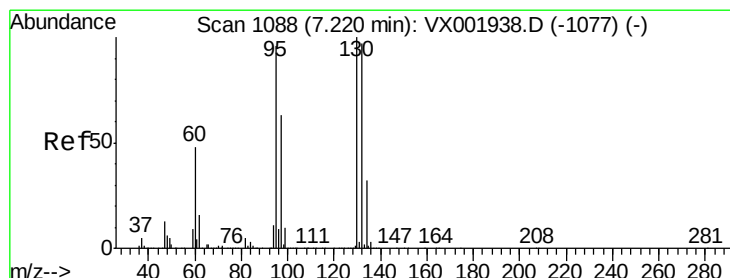
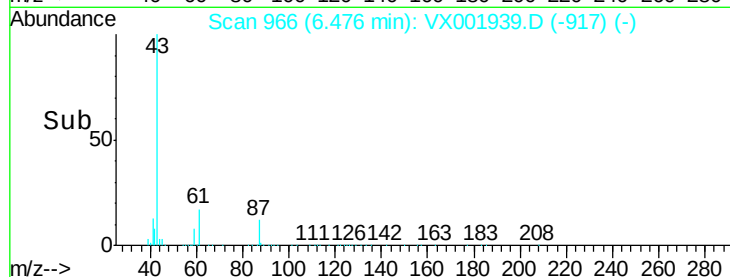
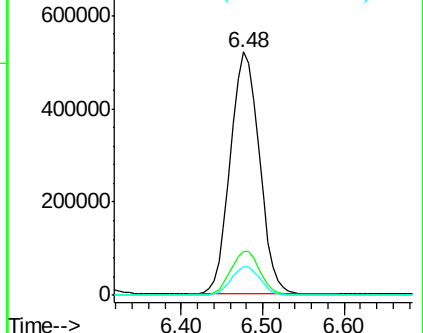
87 11.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 97.56 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001939.D

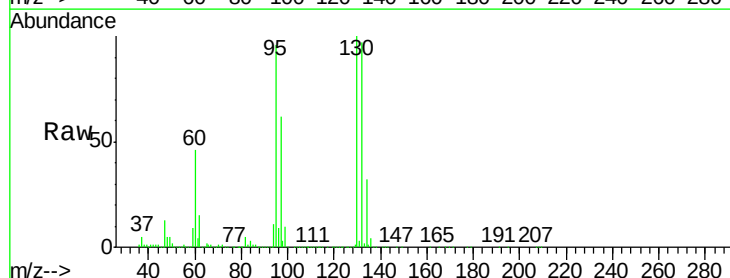
Acq: 24 May 2018 12:13

Tgt Ion: 130 Resp: 504730

Ion Ratio Lower Upper

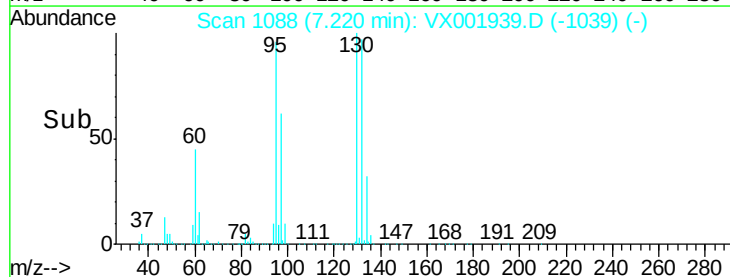
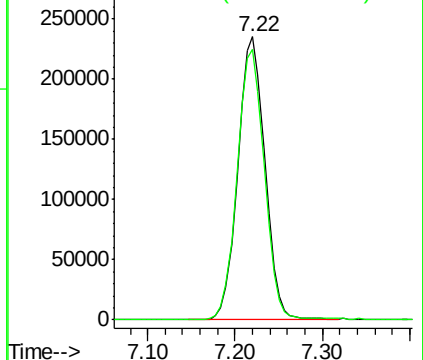
130 100

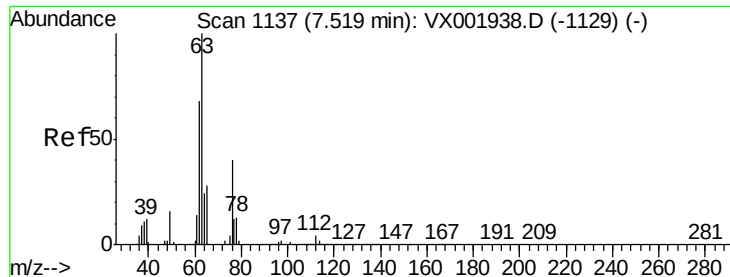
95 95.7 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 97.39 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

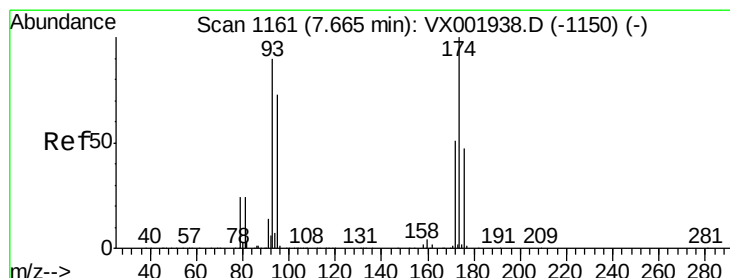
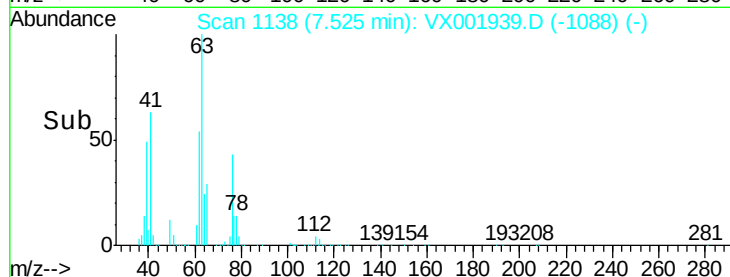
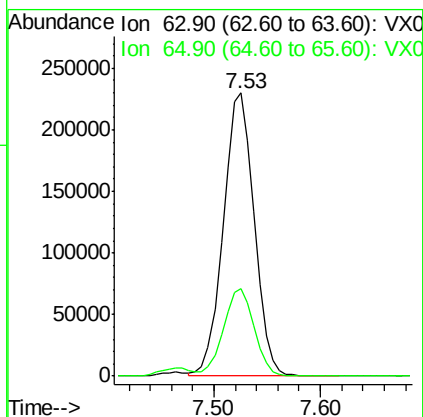
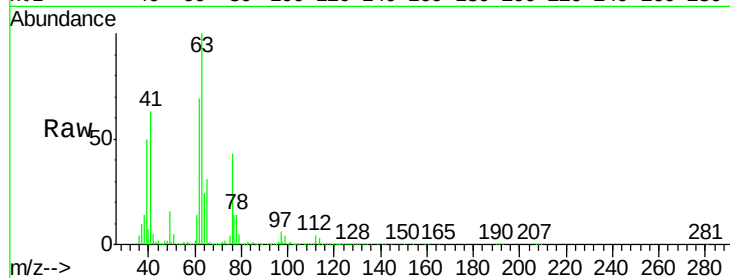
VSTDIC100

Tgt Ion: 63 Resp: 465089

Ion Ratio Lower Upper

63 100

65 30.8 24.1 36.1



#46

Dibromomethane

Concen: 96.57 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

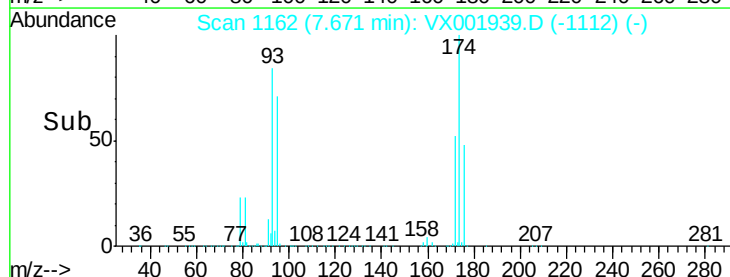
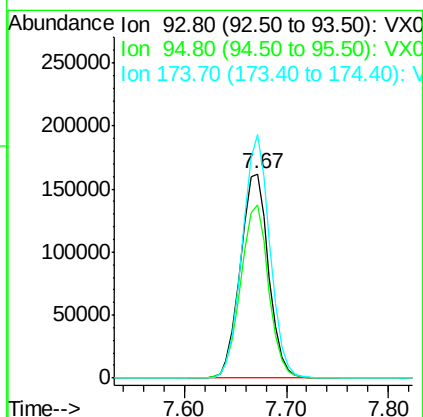
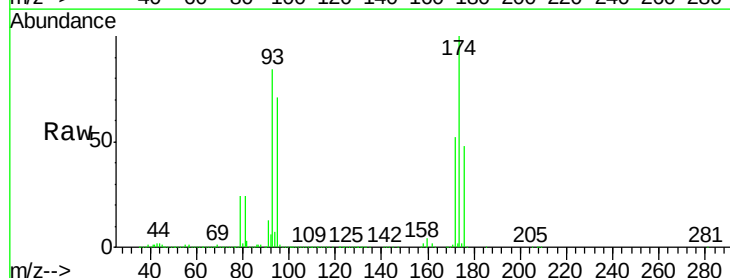
Tgt Ion: 93 Resp: 311265

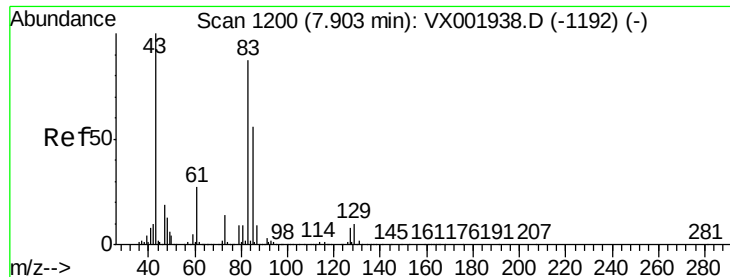
Ion Ratio Lower Upper

93 100

95 83.4 66.1 99.1

174 116.2 92.5 138.7





#47

Bromodichloromethane

Concen: 97.29 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

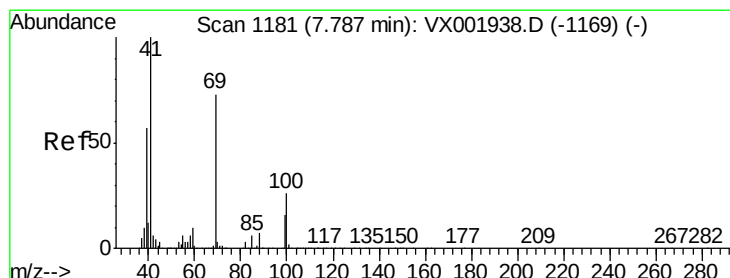
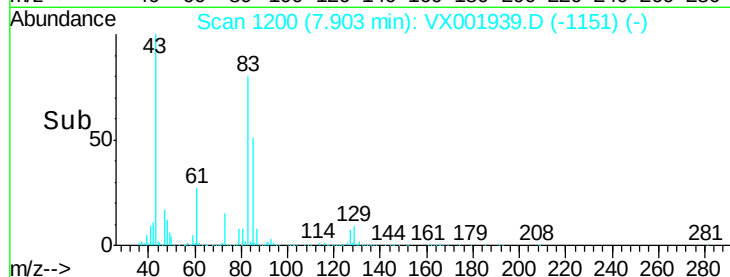
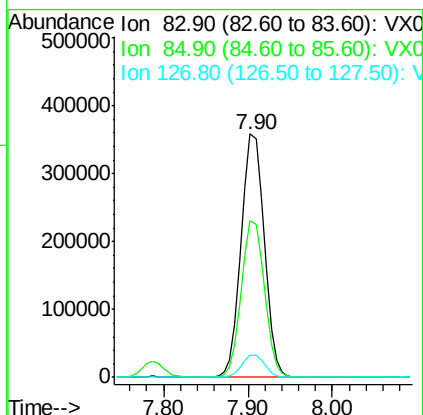
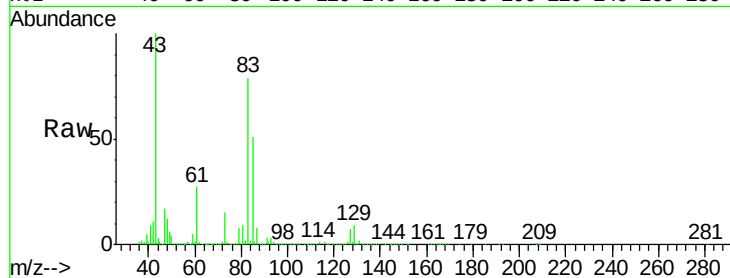
Tgt Ion: 83 Resp: 659050

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.2

127 9.0 7.1 10.7



#48

Methyl methacrylate

Concen: 95.95 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

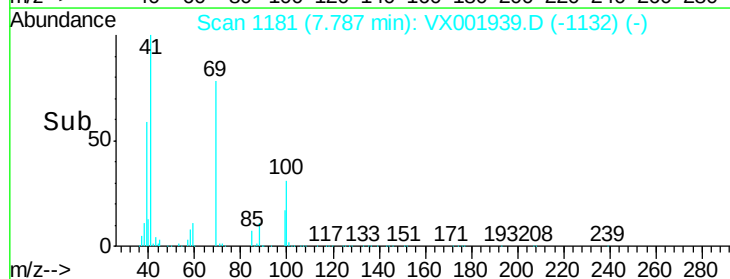
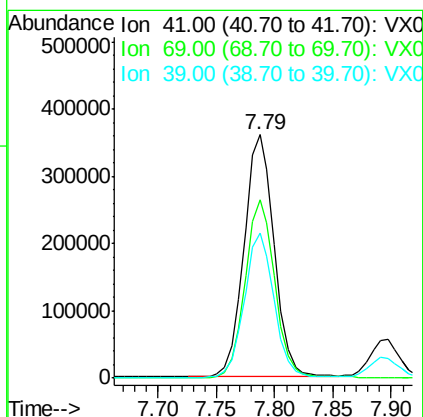
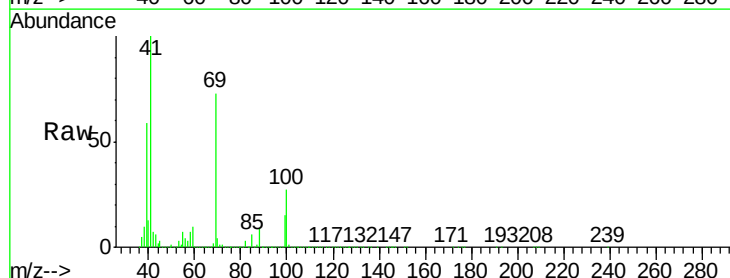
Tgt Ion: 41 Resp: 647645

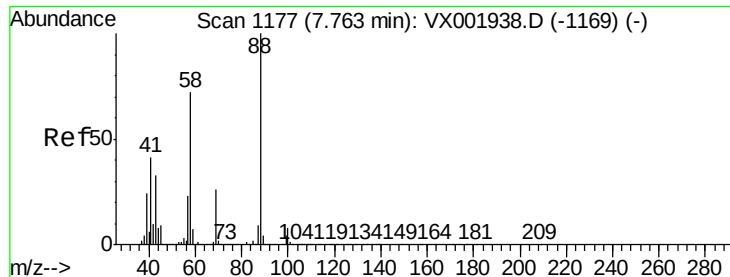
Ion Ratio Lower Upper

41 100

69 72.8 58.6 87.8

39 58.6 46.3 69.5





#49

1,4-Dioxane

Concen: 1868.97 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

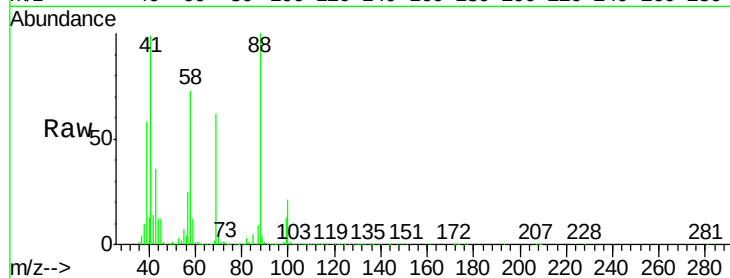
Tgt Ion: 88 Resp: 227401

Ion Ratio Lower Upper

88 100

43 38.6 29.8 44.8

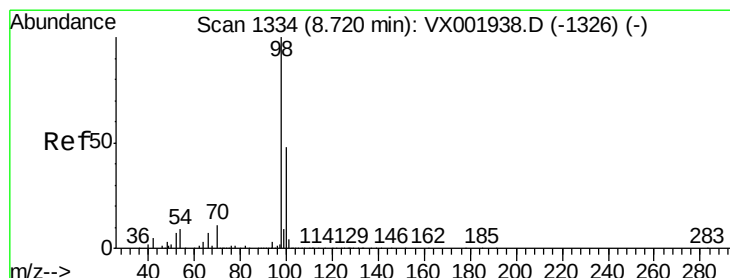
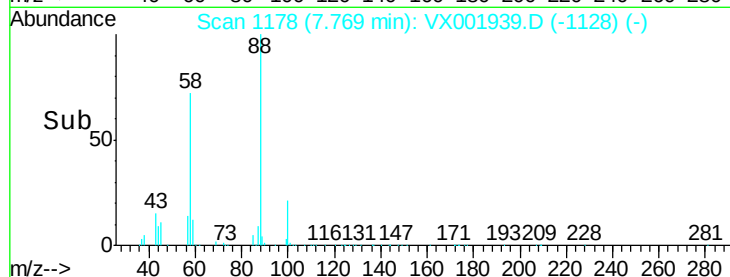
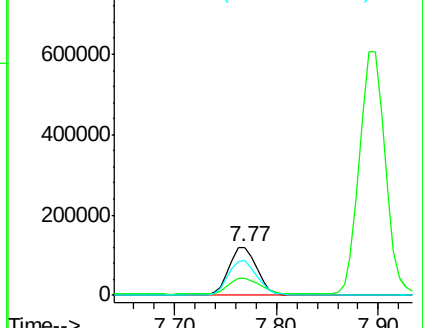
58 74.6 58.7 88.1



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: 98.97 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001939.D

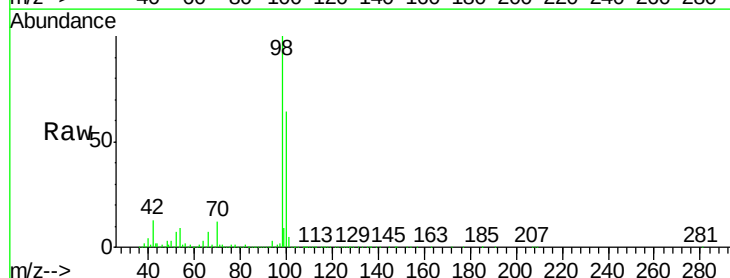
Acq: 24 May 2018 12:13

Tgt Ion: 98 Resp: 1608758

Ion Ratio Lower Upper

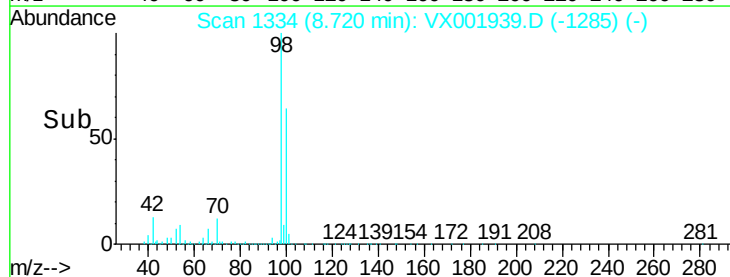
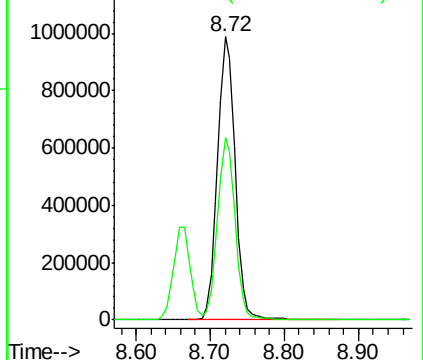
98 100

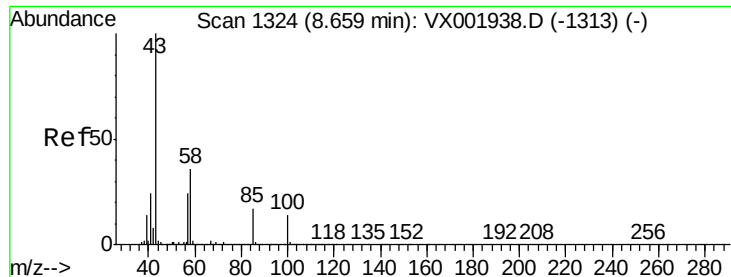
100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

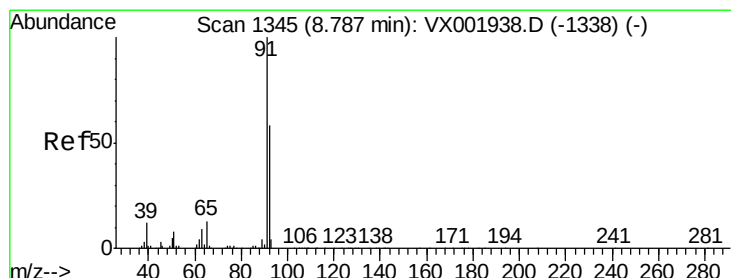
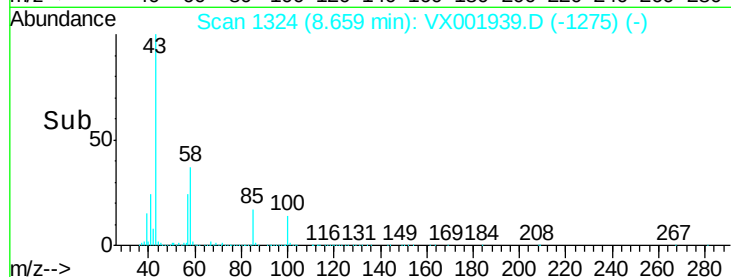
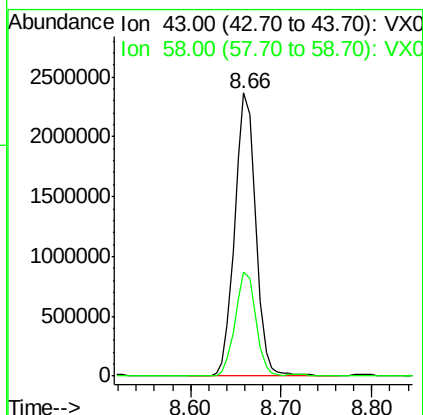
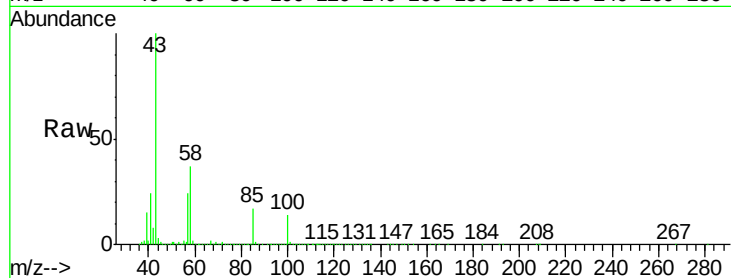




#51
 4-Methyl-2-Pentanone
 Concen: 469.47 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001939.D
 Acq: 24 May 2018 12:13

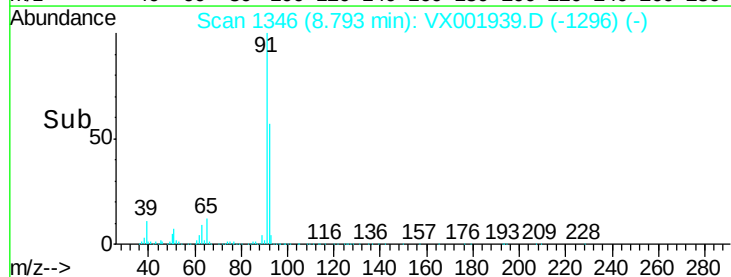
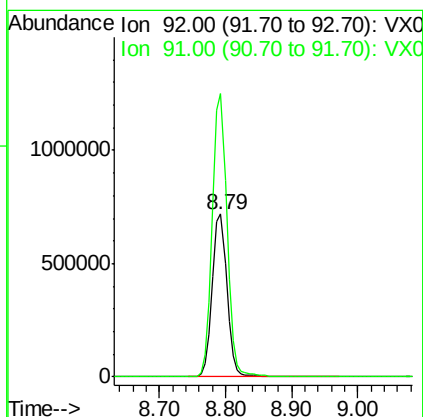
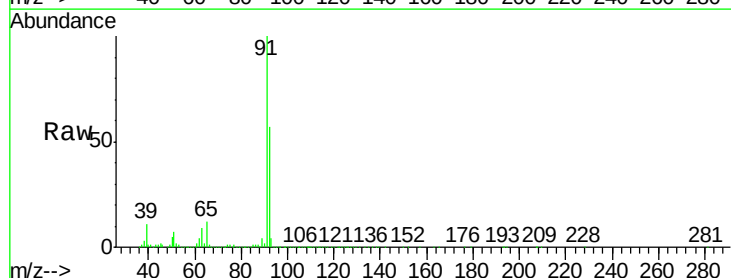
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

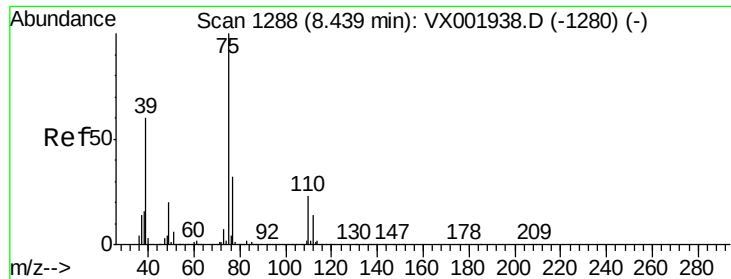
Tgt Ion: 43 Resp: 3792524
 Ion Ratio Lower Upper
 43 100
 58 36.2 28.5 42.7



#52
 Toluene
 Concen: 98.22 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: VX001939.D
 Acq: 24 May 2018 12:13

Tgt Ion: 92 Resp: 1111975
 Ion Ratio Lower Upper
 92 100
 91 173.2 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 97.58 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampled :

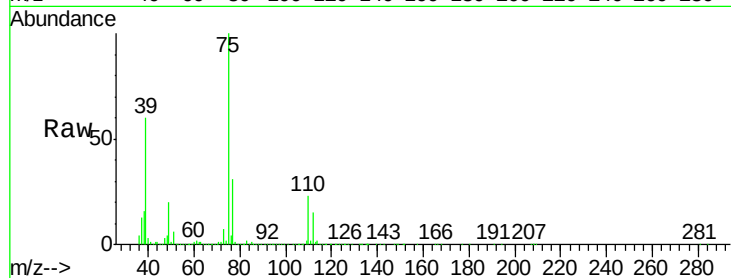
VSTDIC100

Tgt Ion: 75 Resp: 780862

Ion Ratio Lower Upper

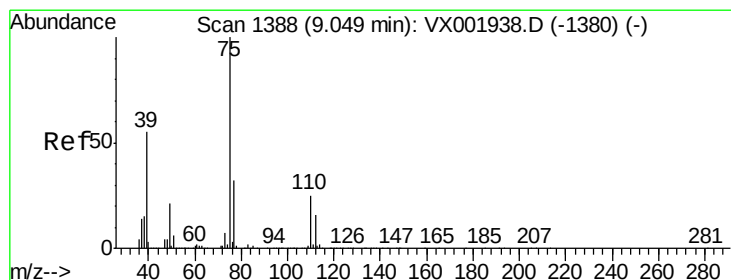
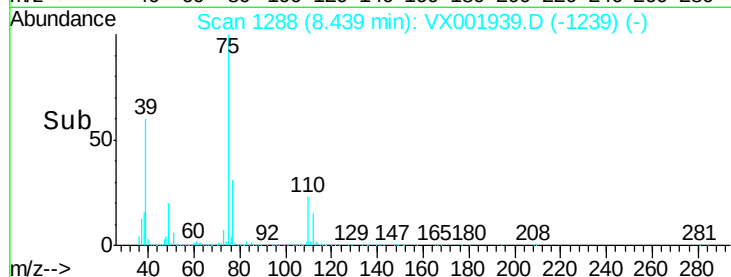
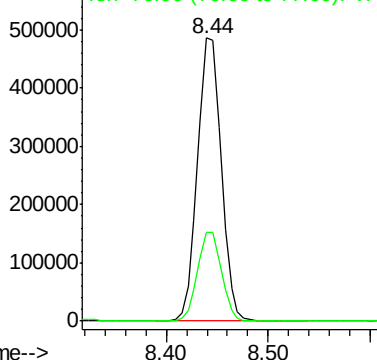
75 100

77 31.3 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 98.67 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

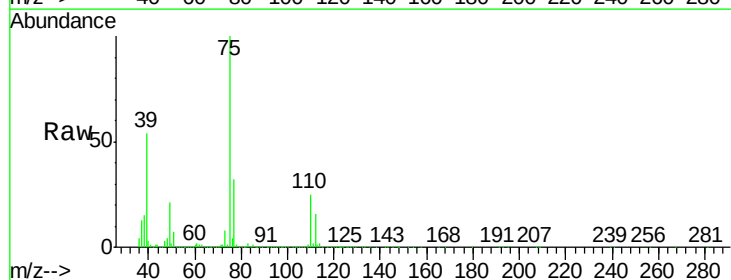
Tgt Ion: 75 Resp: 763542

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

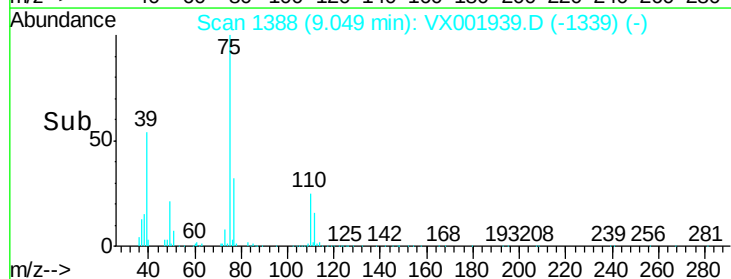
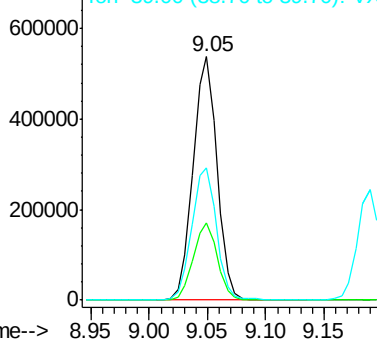
39 53.9 44.1 66.1

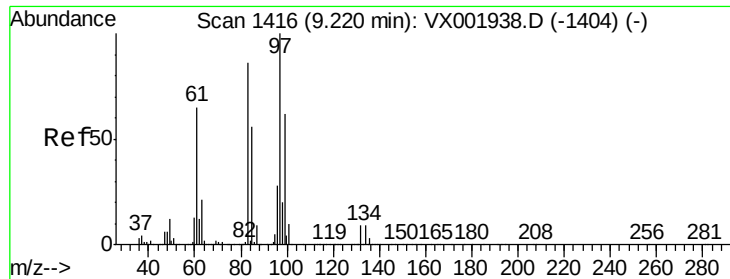


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

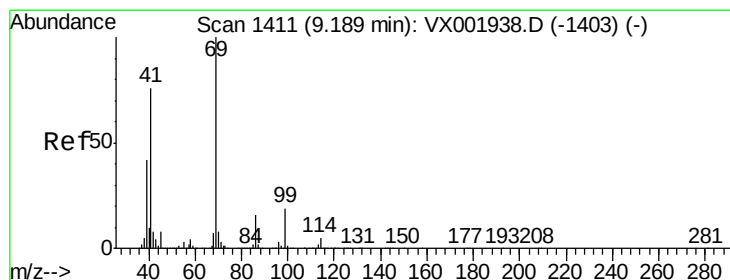
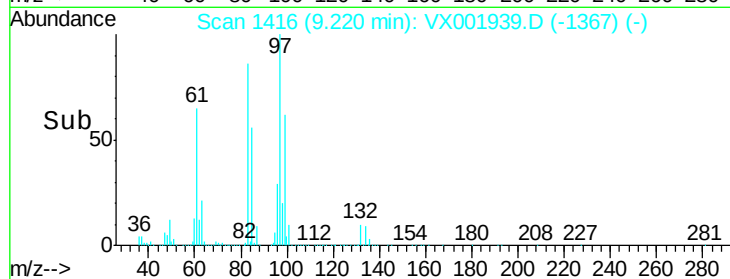
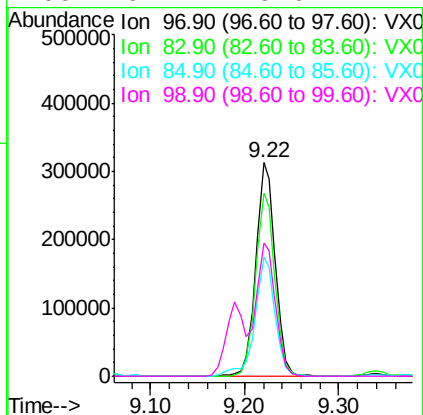
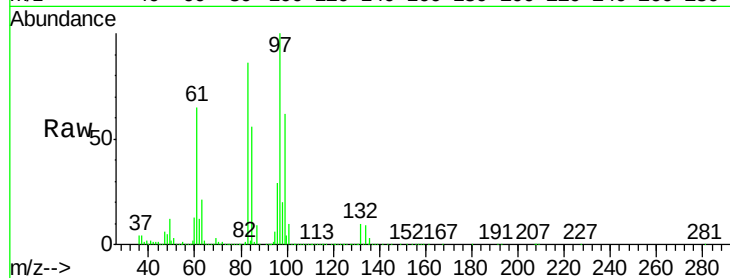




#55
 1,1,2-Trichloroethane
 Concen: 97.52 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001939.D
 Acq: 24 May 2018 12:13

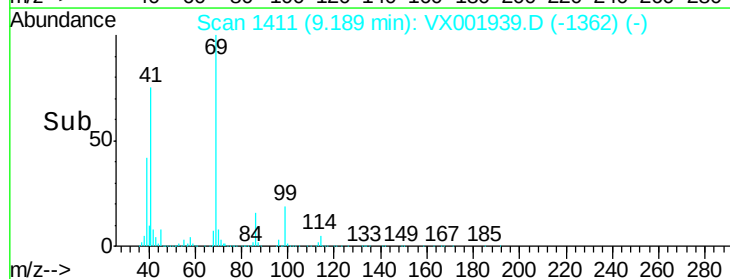
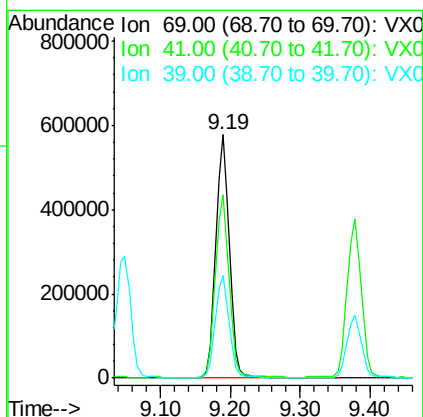
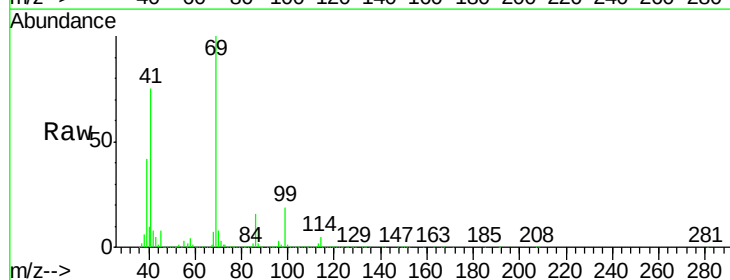
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

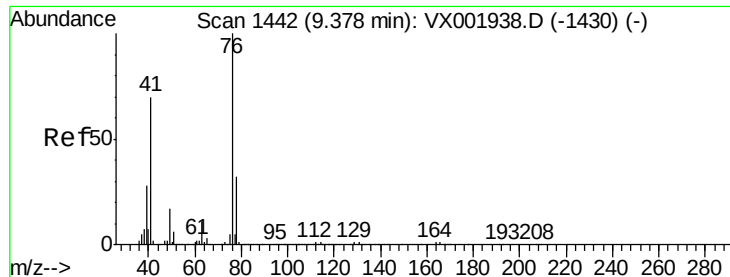
Tgt Ion:	97	Resp:	452157
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.1	103.7
85	55.6	45.2	67.8
99	62.4	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 97.65 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001939.D
 Acq: 24 May 2018 12:13

Tgt Ion:	69	Resp:	779733
Ion	Ratio	Lower	Upper
69	100		
41	75.8	61.0	91.6
39	42.8	34.4	51.6





#57

1,3-Dichloropropane

Concen: 97.54 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

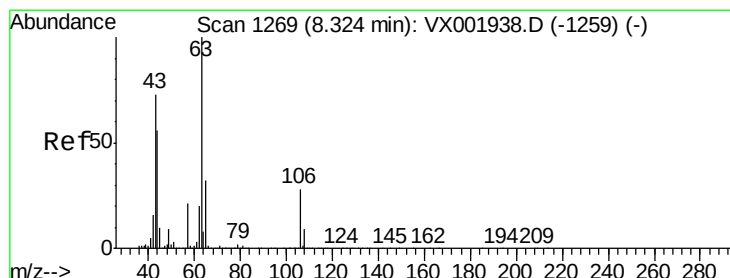
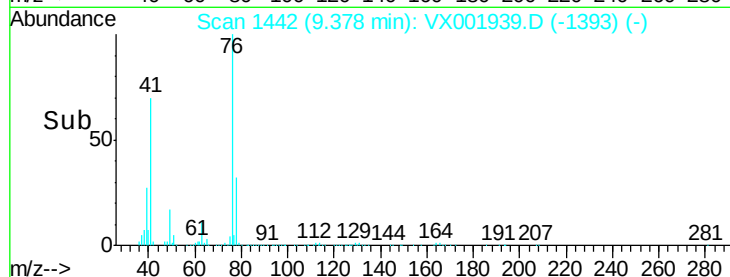
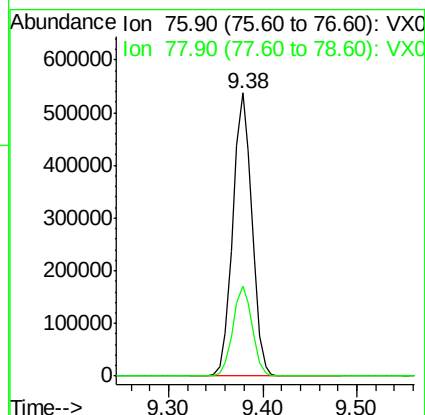
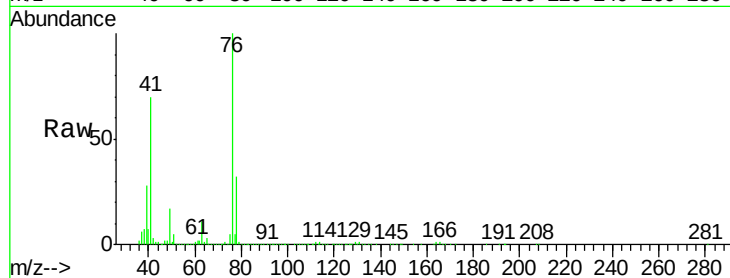
VSTDIC100

Tgt Ion: 76 Resp: 758454

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 492.30 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX001939.D

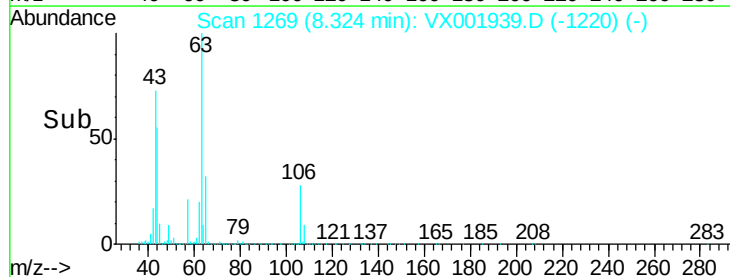
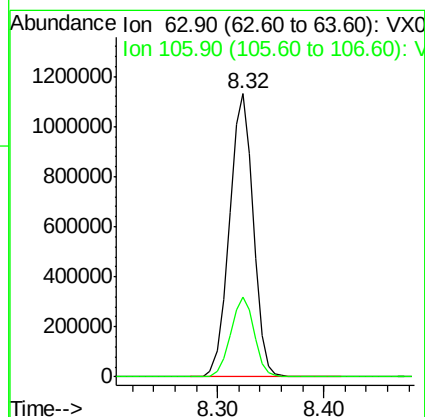
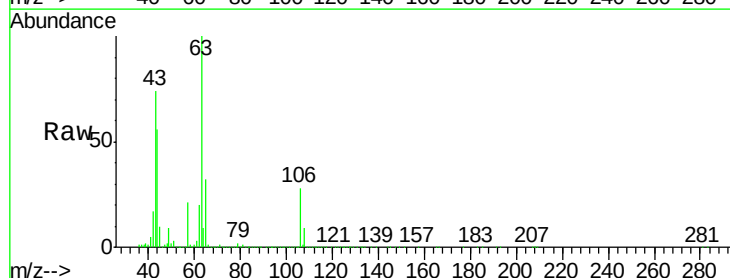
Acq: 24 May 2018 12:13

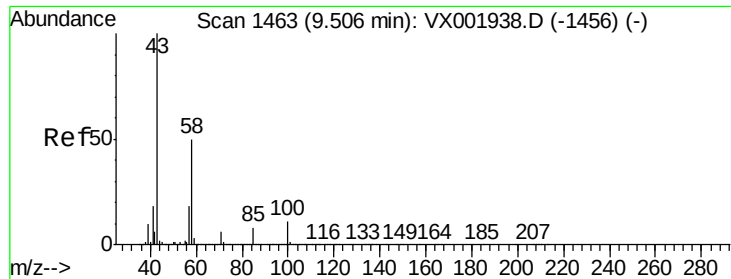
Tgt Ion: 63 Resp: 1772773

Ion Ratio Lower Upper

63 100

106 27.9 21.7 32.5





#59

2-Hexanone

Concen: 472.54 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

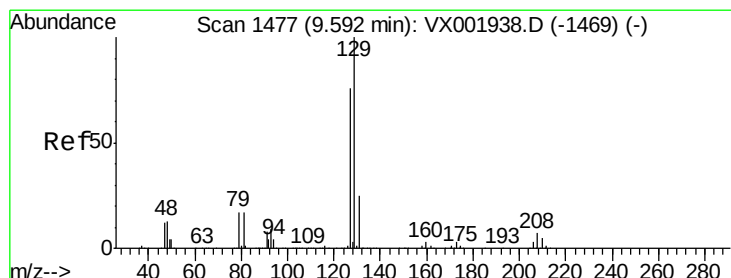
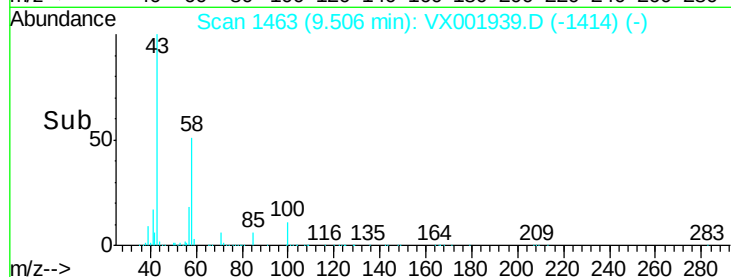
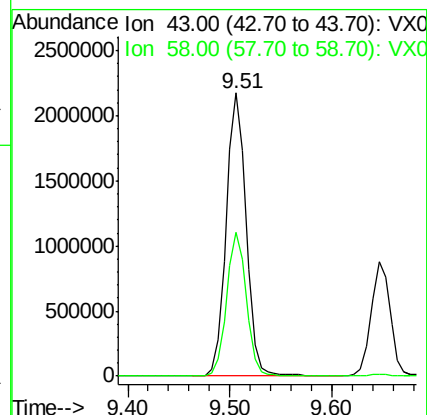
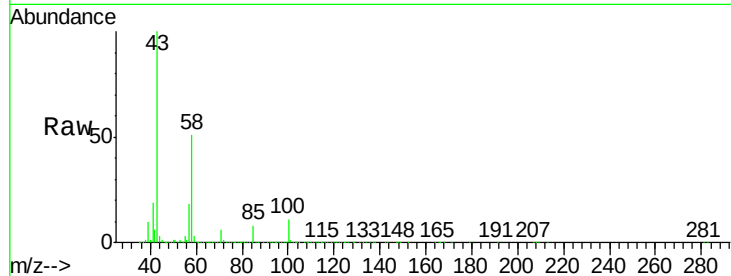
VSTDIC100

Tgt Ion: 43 Resp: 2954386

Ion Ratio Lower Upper

43 100

58 50.3 24.9 74.6



#60

Dibromochloromethane

Concen: 99.63 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX001939.D

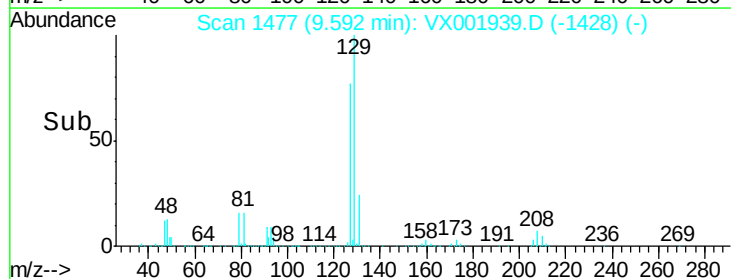
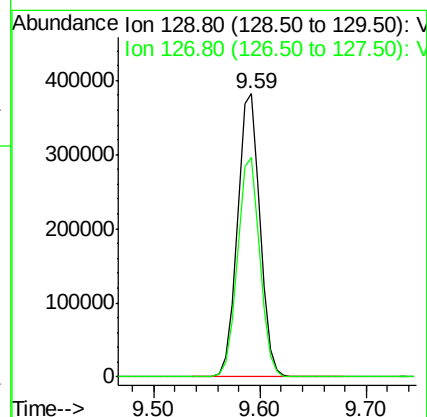
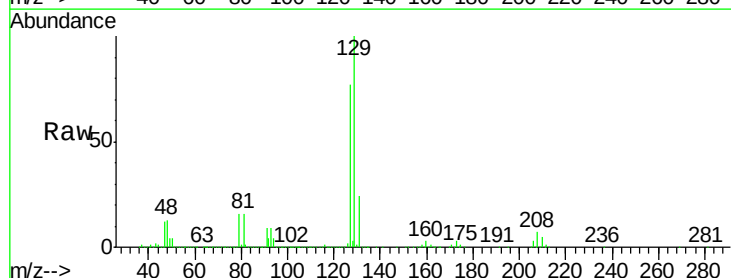
Acq: 24 May 2018 12:13

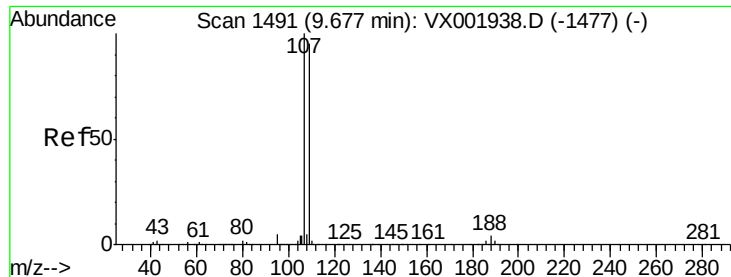
Tgt Ion: 129 Resp: 563570

Ion Ratio Lower Upper

129 100

127 77.1 38.3 114.9





#61

1,2-Dibromoethane

Concen: 98.25 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

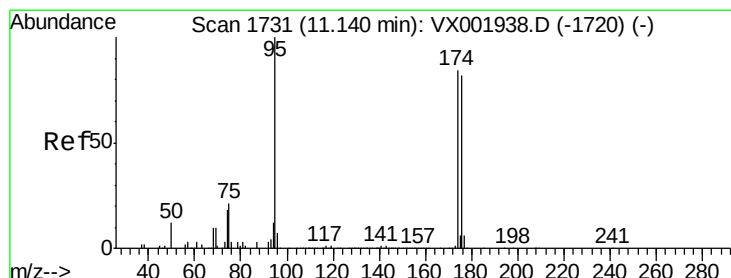
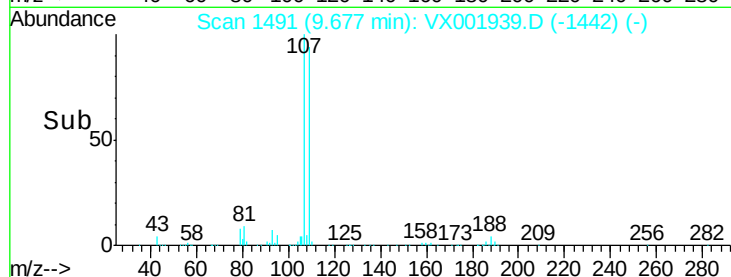
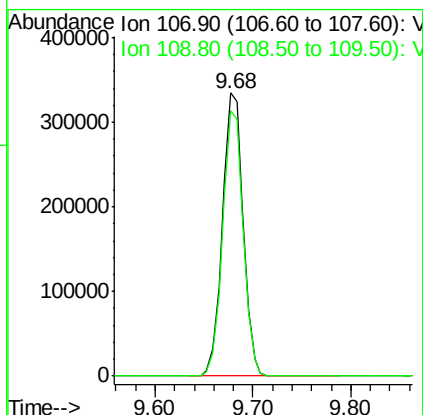
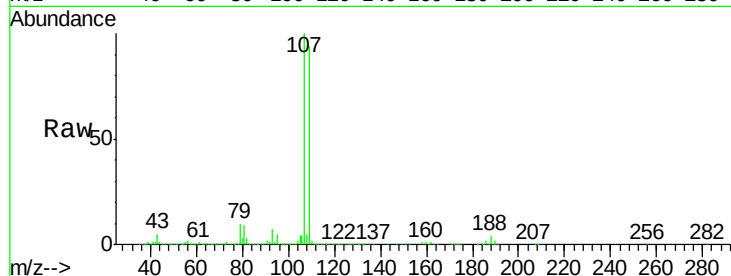
VSTDIC100

Tgt Ion: 107 Resp: 488827

Ion Ratio Lower Upper

107 100

109 93.7 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 101.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

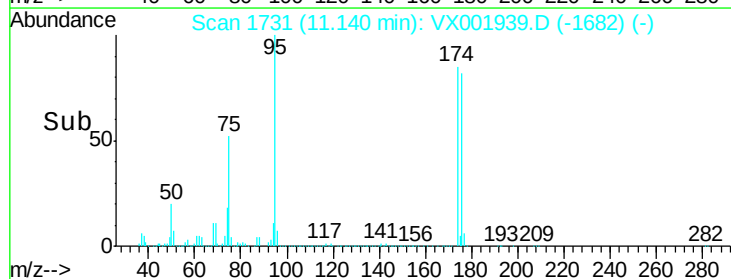
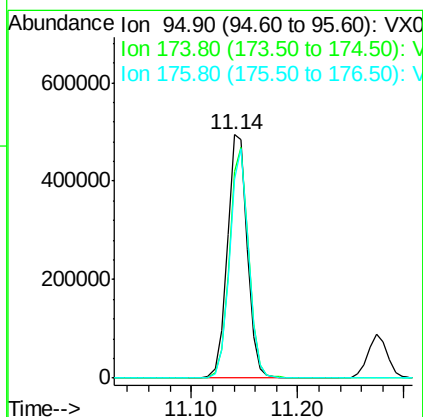
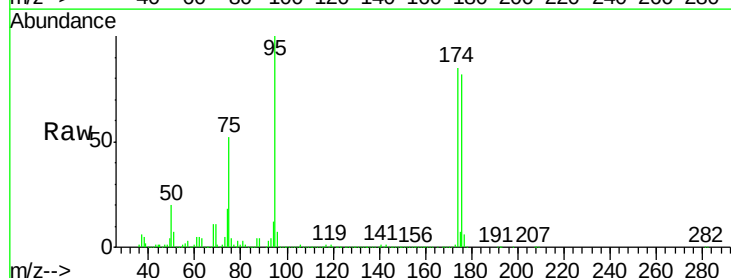
Tgt Ion: 95 Resp: 647128

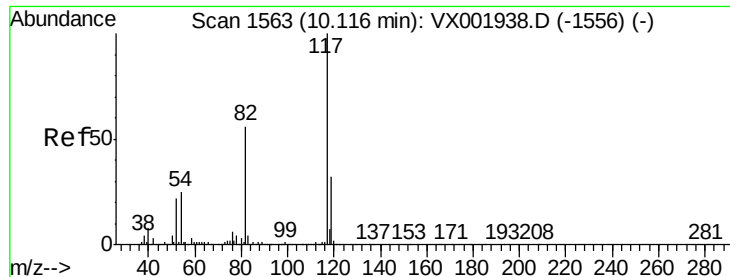
Ion Ratio Lower Upper

95 100

174 91.4 0.0 178.8

176 89.5 0.0 175.6

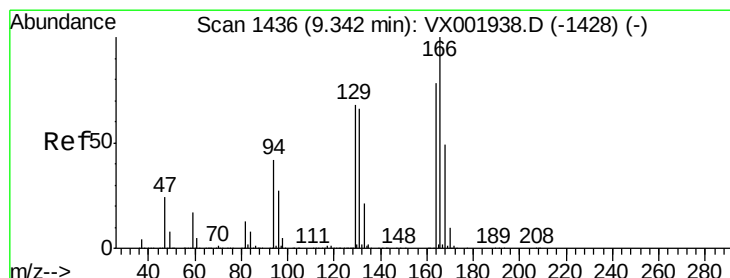
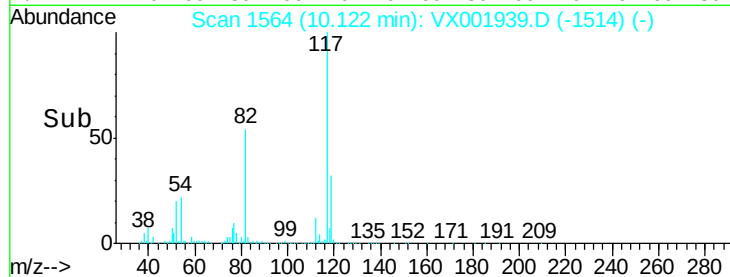
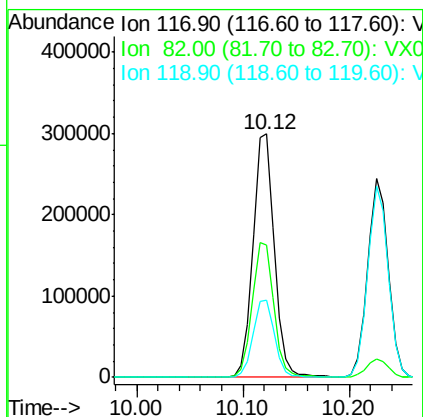
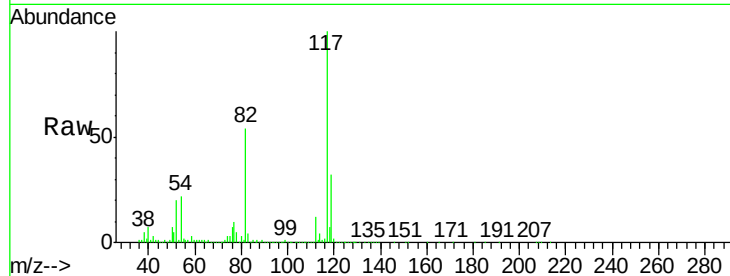




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

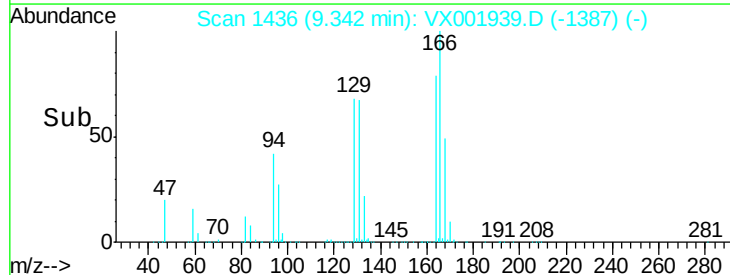
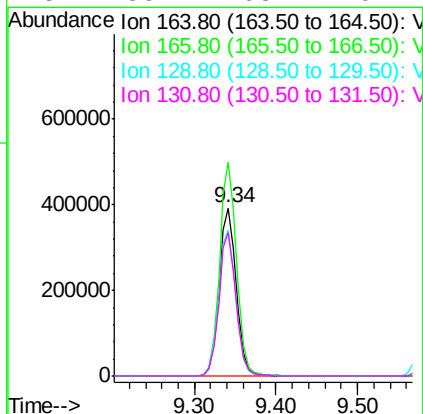
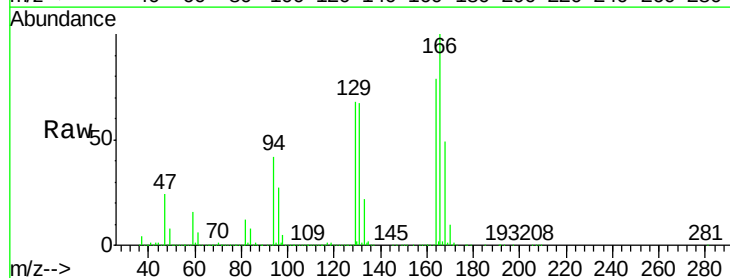
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

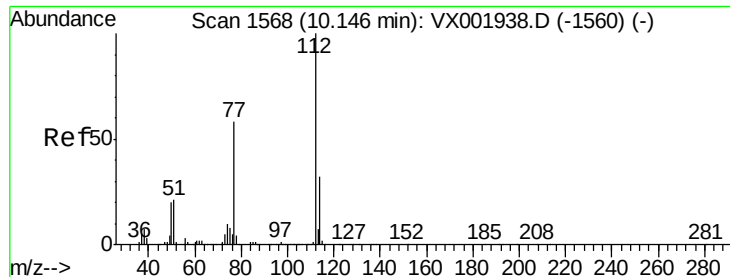
Tgt Ion:117 Resp: 422402
Ion Ratio Lower Upper
117 100
82 54.0 44.8 67.2
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 98.15 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

Tgt Ion:164 Resp: 570622
Ion Ratio Lower Upper
164 100
166 127.2 102.7 154.1
129 87.0 70.3 105.5
131 85.1 68.2 102.4





#65

Chlorobenzene

Concen: 98.58 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

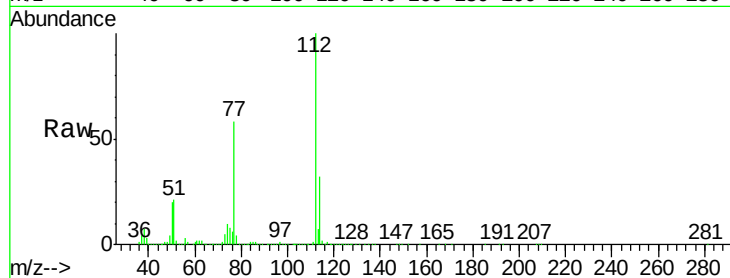
VSTDIC100

Tgt Ion:112 Resp: 1267719

Ion Ratio Lower Upper

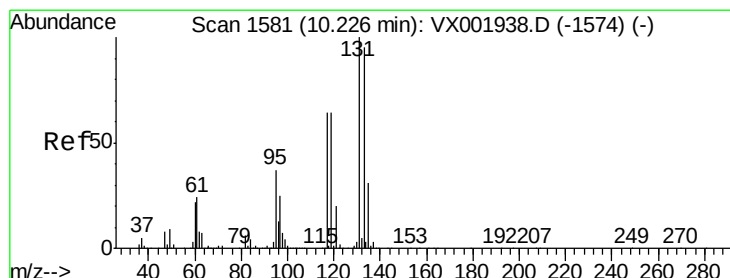
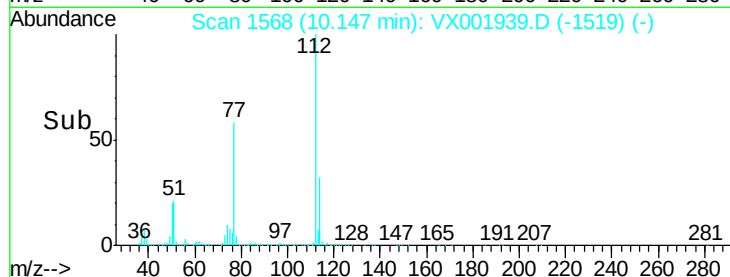
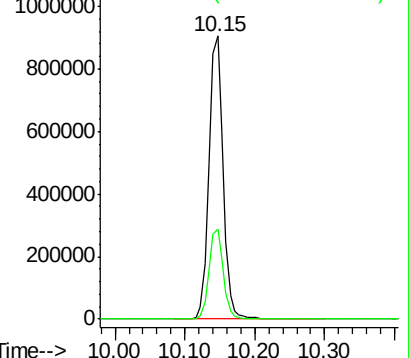
112 100

114 32.0 25.9 38.9



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: 98.74 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

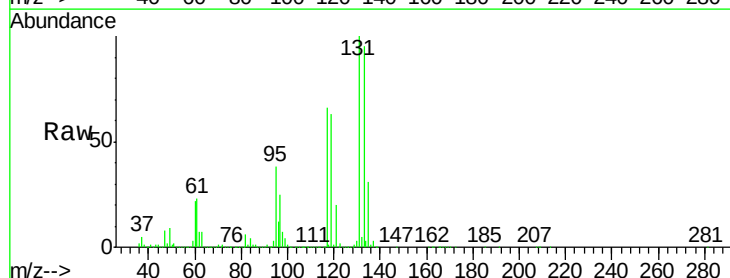
Tgt Ion:131 Resp: 508882

Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.0

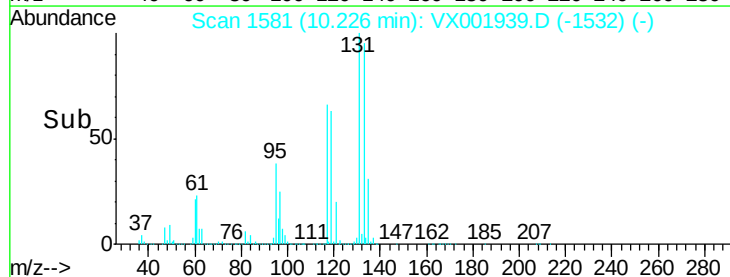
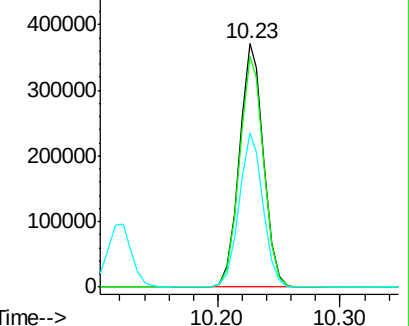
119 62.7 31.9 95.5

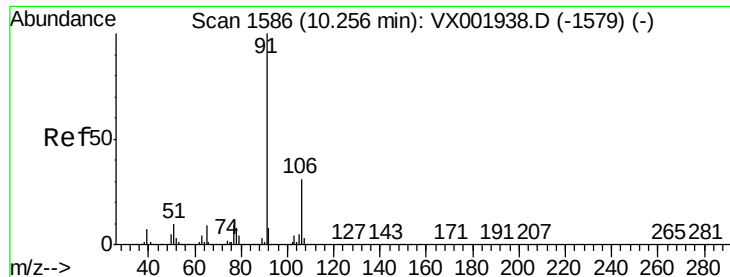


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 96.92 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

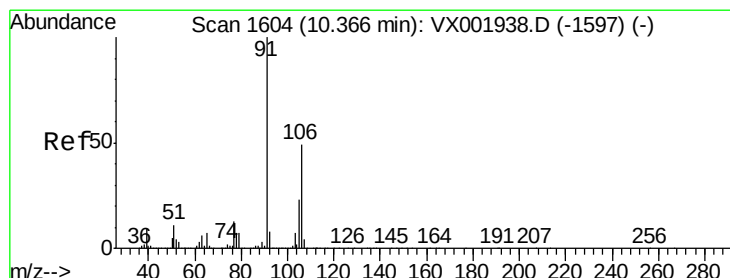
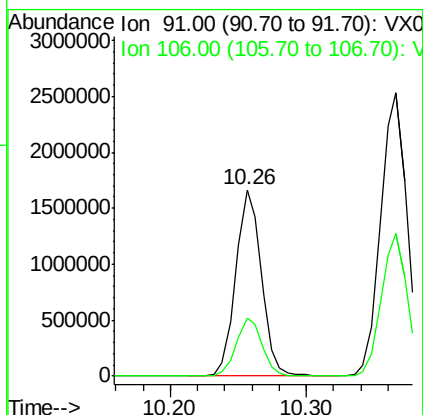
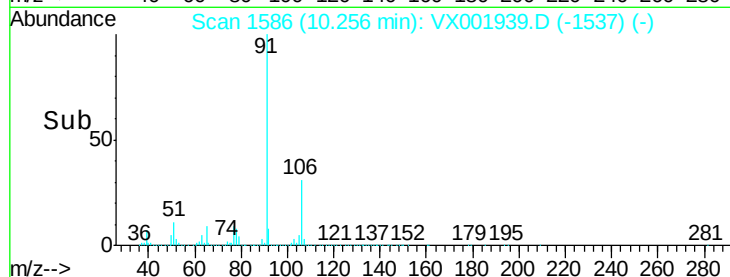
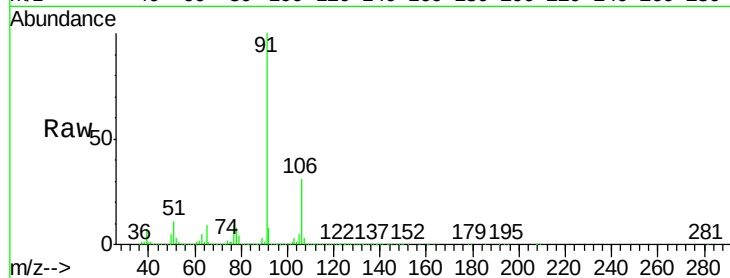
VSTDIC100

Tgt Ion: 91 Resp: 2188344

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.6



#68

m/p-Xylenes

Concen: 197.33 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001939.D

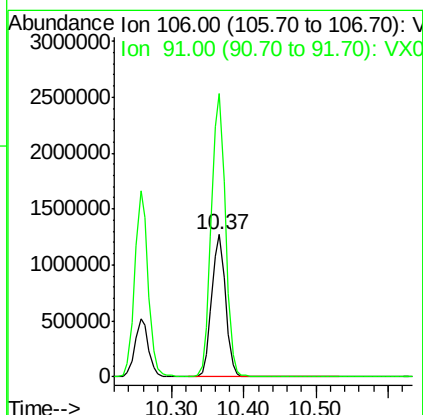
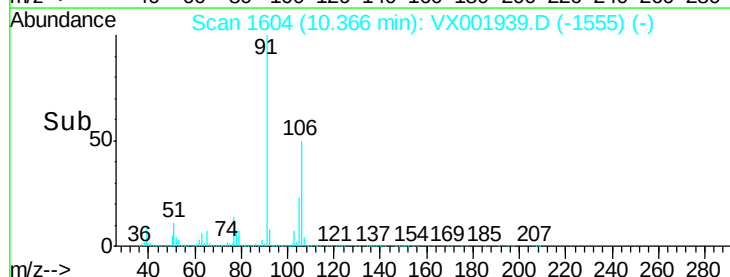
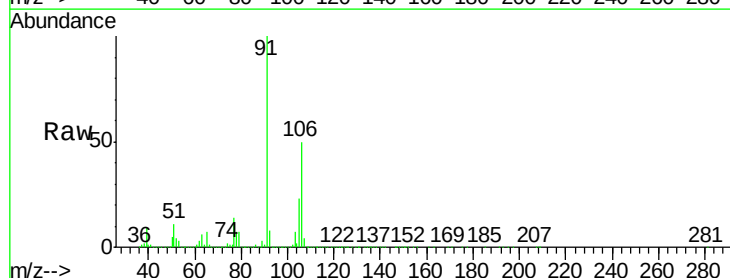
Acq: 24 May 2018 12:13

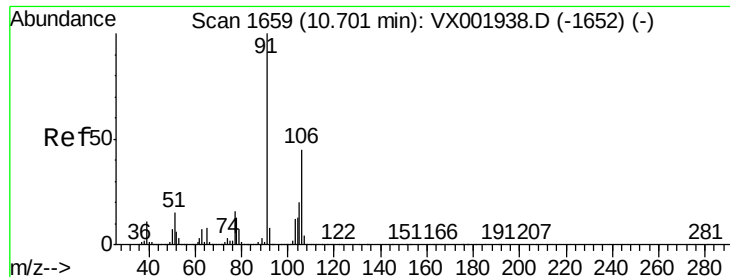
Tgt Ion: 106 Resp: 1695367

Ion Ratio Lower Upper

106 100

91 202.4 165.0 247.6

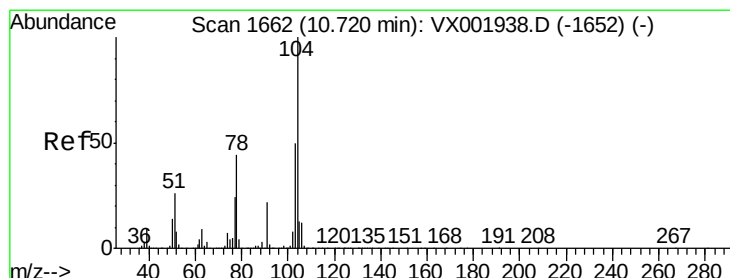
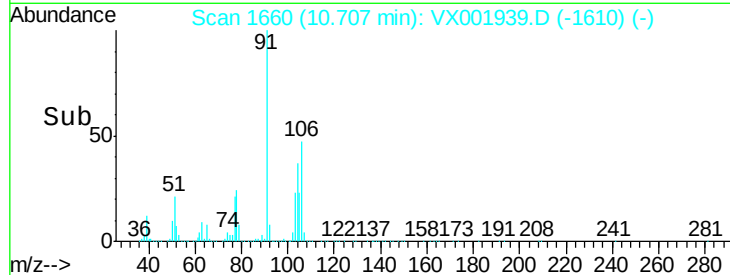
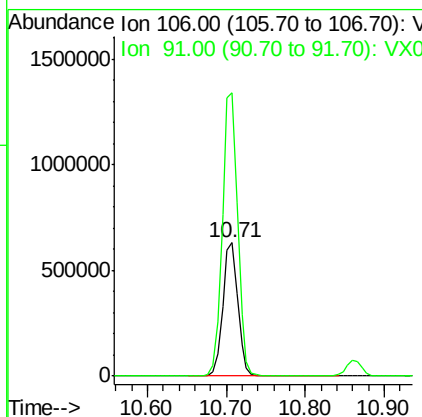
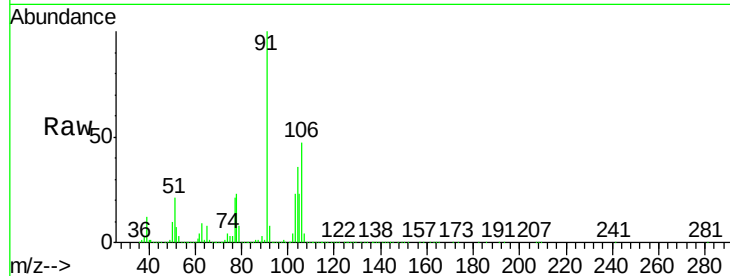




#69
o-Xylene
Concen: 98.04 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

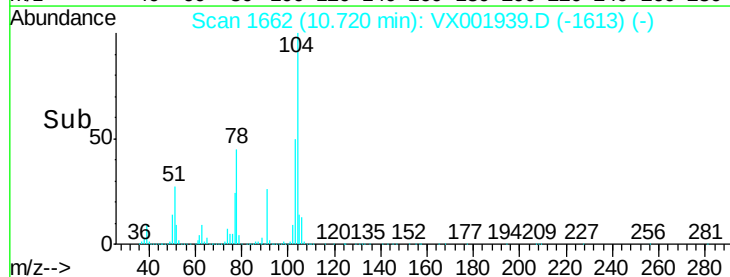
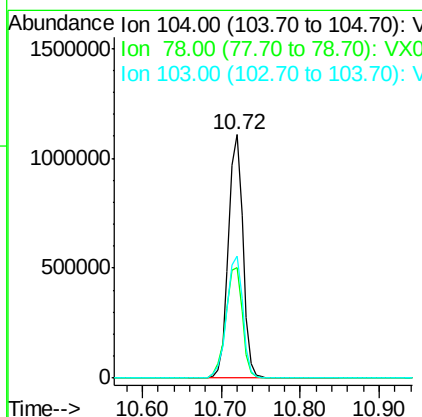
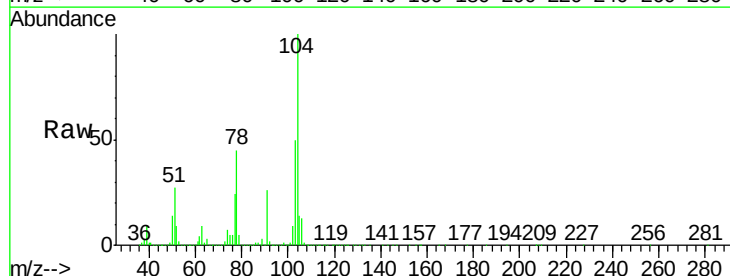
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

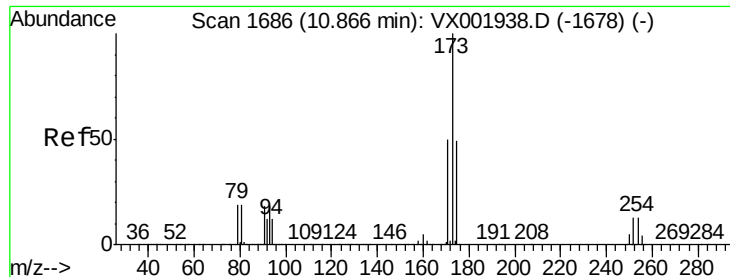
Tgt Ion:106 Resp: 834556
Ion Ratio Lower Upper
106 100
91 216.7 108.7 325.9



#70
Styrene
Concen: 99.45 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

Tgt Ion:104 Resp: 1421536
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.6
103 55.4 44.6 67.0





#71

Bromoform

Concen: 101.15 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

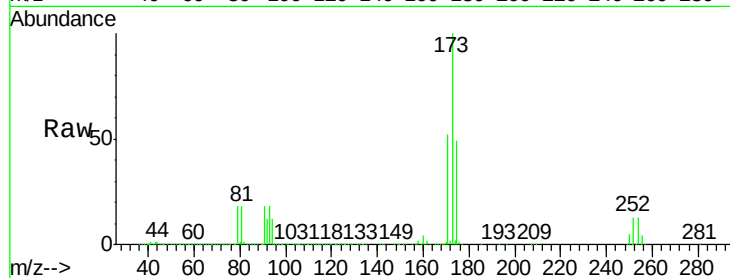
Tgt Ion:173 Resp: 507366

Ion Ratio Lower Upper

173 100

175 49.2 24.3 72.9

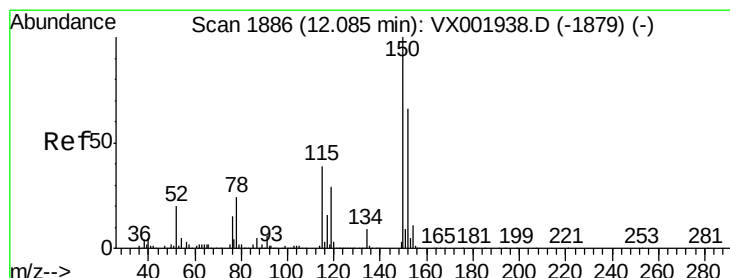
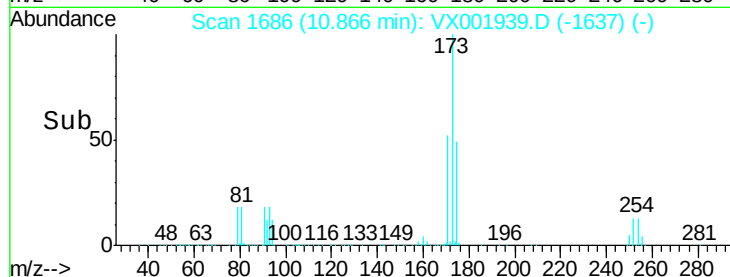
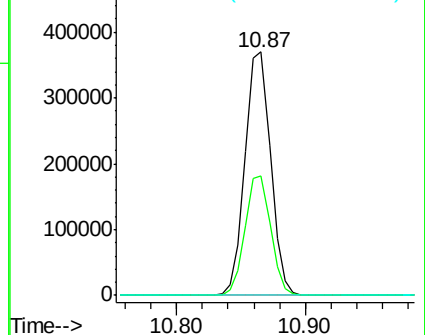
254 0.2 0.1 0.1#



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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

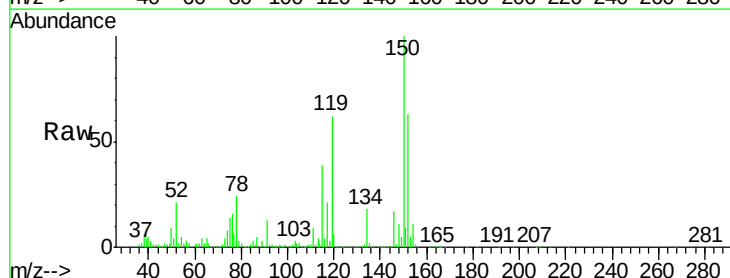
Tgt Ion:152 Resp: 300448

Ion Ratio Lower Upper

152 100

115 110.0 42.3 126.8

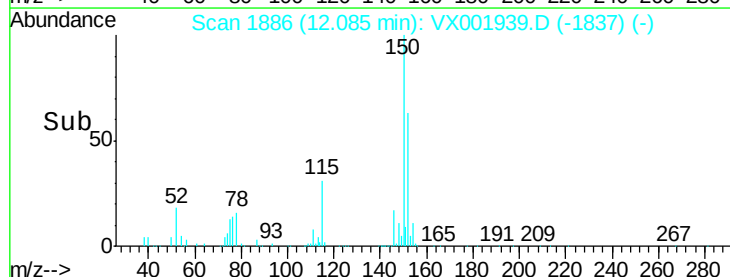
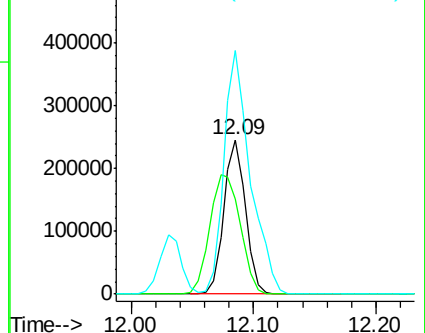
150 193.3 0.0 351.0

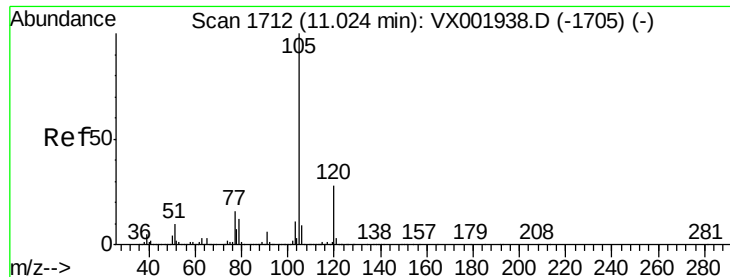


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 92.83 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

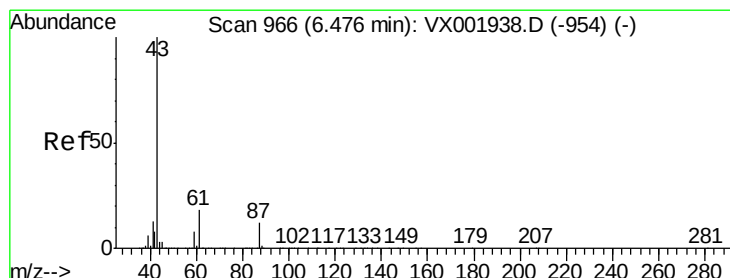
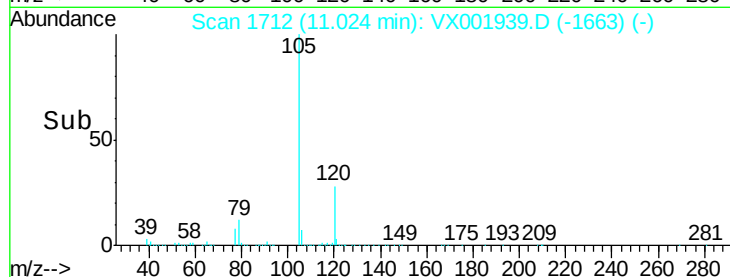
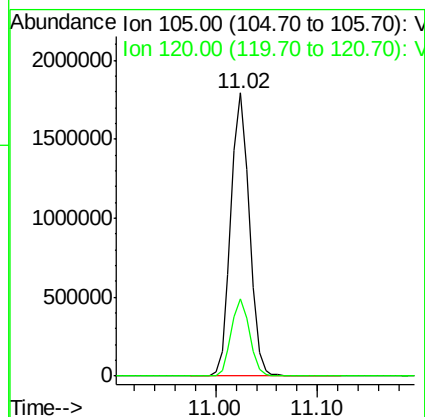
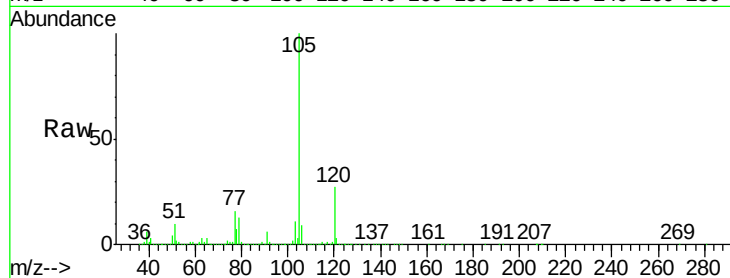
VSTDIC100

Tgt Ion:105 Resp: 2250448

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 89.74 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Tgt Ion: 43 Resp: 1280348

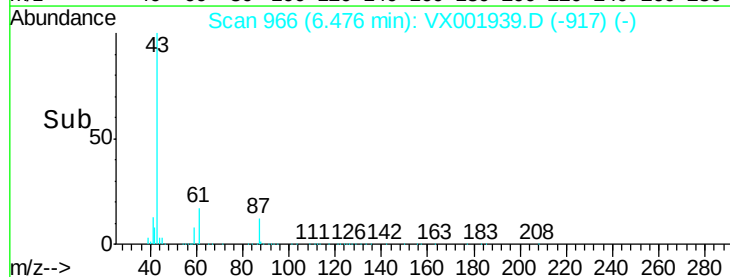
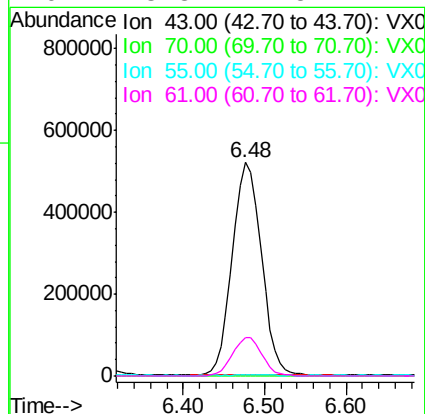
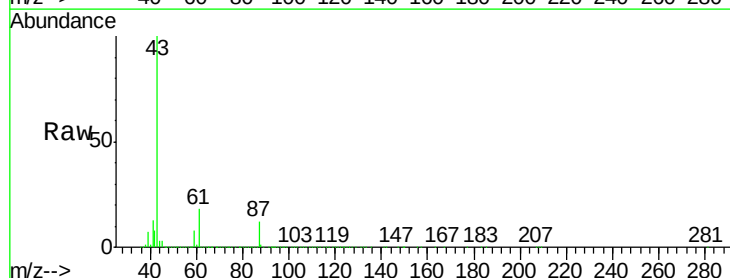
Ion Ratio Lower Upper

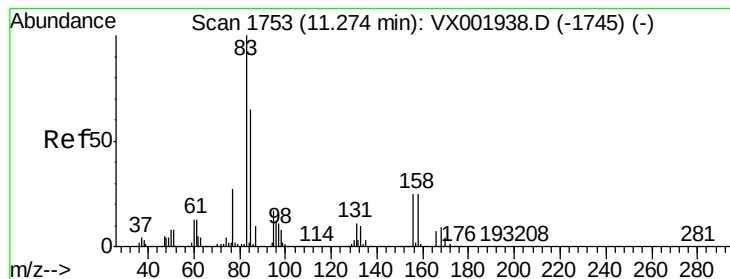
43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1#

61 18.3 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 95.37 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

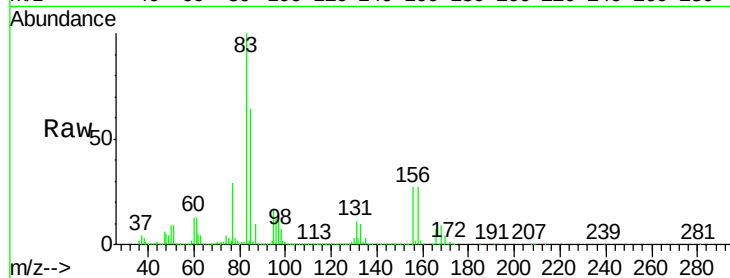
Tgt Ion: 83 Resp: 675641

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

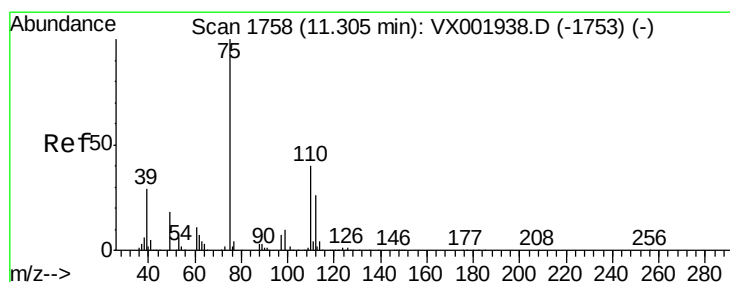
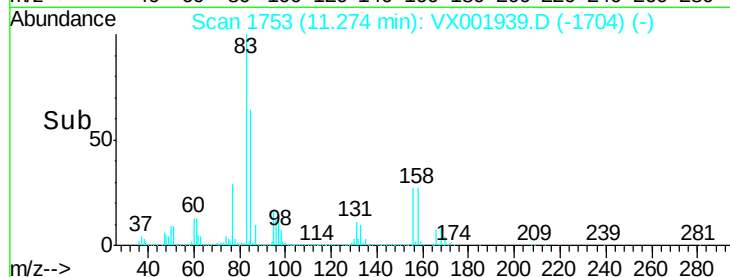
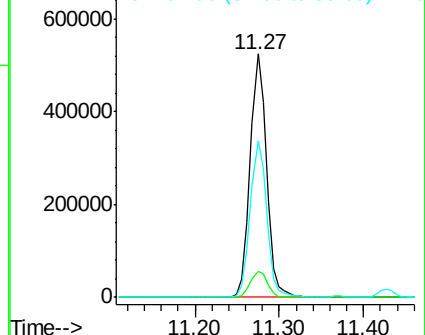
85 64.9 32.6 97.7



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: 137.64 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001939.D

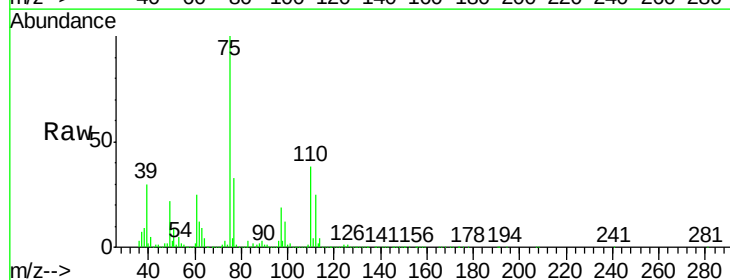
Acq: 24 May 2018 12:13

Tgt Ion: 75 Resp: 913389

Ion Ratio Lower Upper

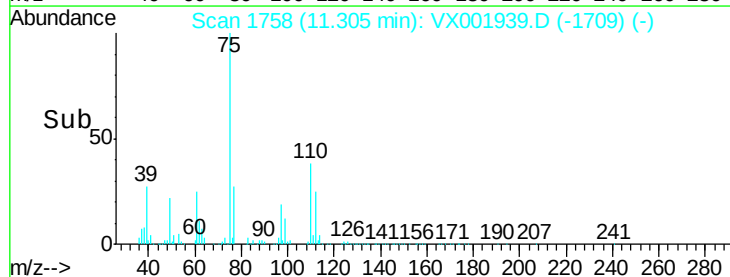
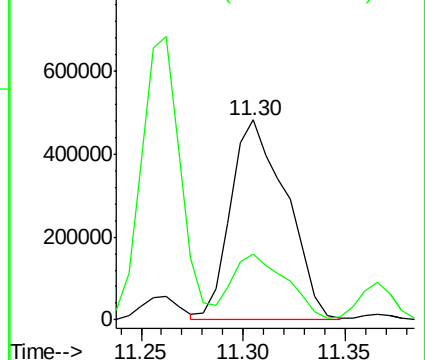
75 100

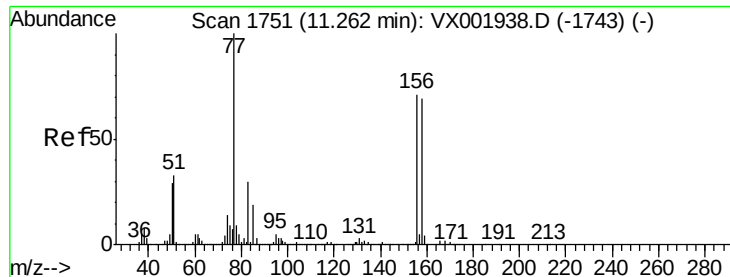
77 31.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 95.83 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

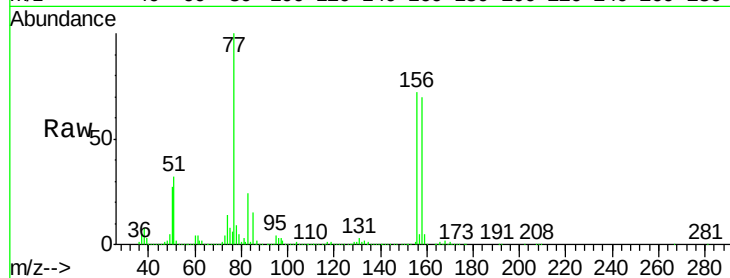
Tgt Ion:156 Resp: 617711

Ion Ratio Lower Upper

156 100

77 146.2 75.2 225.6

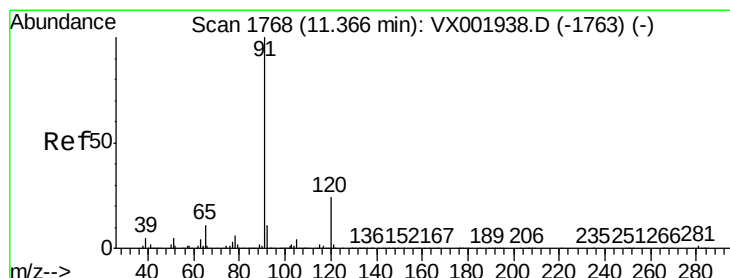
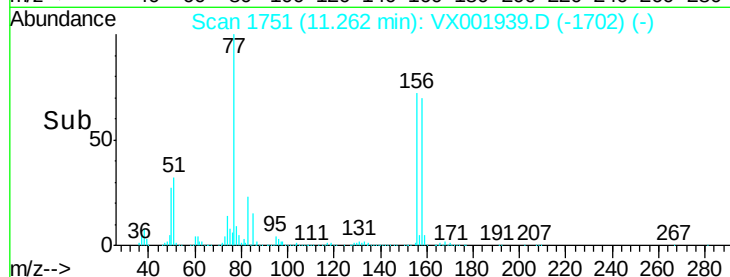
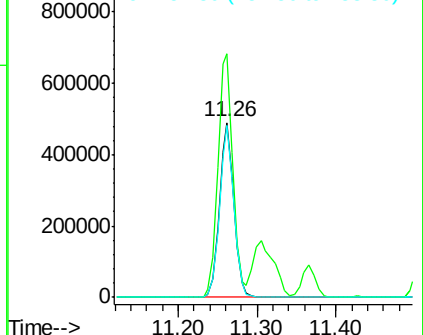
158 97.8 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 92.92 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001939.D

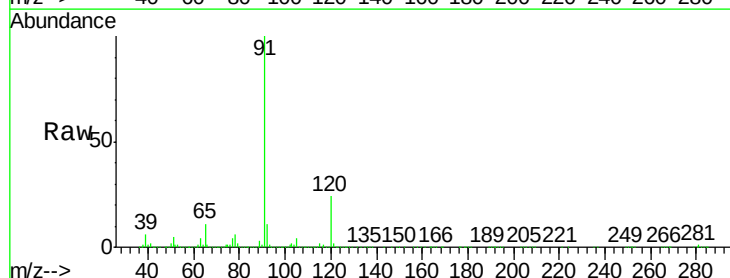
Acq: 24 May 2018 12:13

Tgt Ion: 91 Resp: 2556592

Ion Ratio Lower Upper

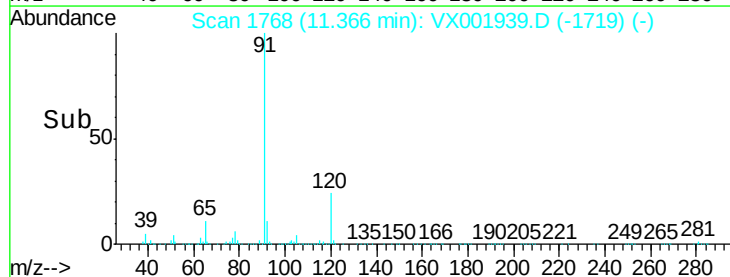
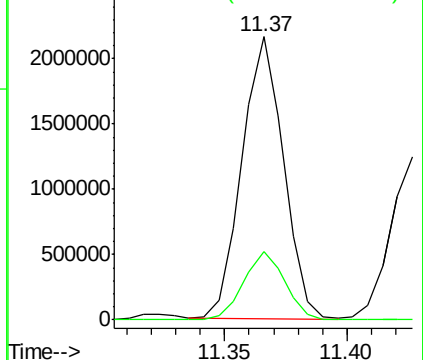
91 100

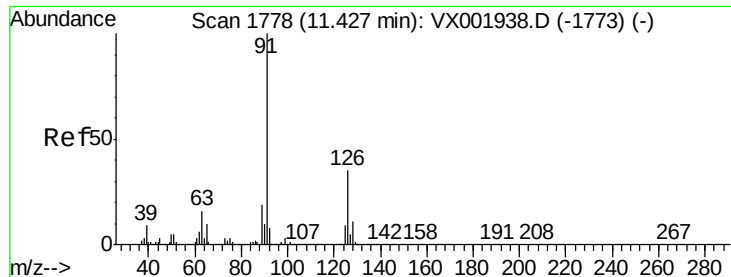
120 24.1 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 93.52 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

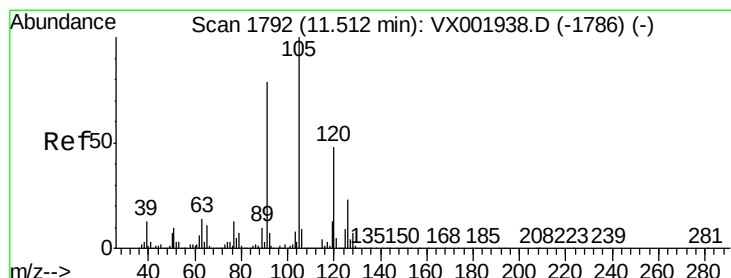
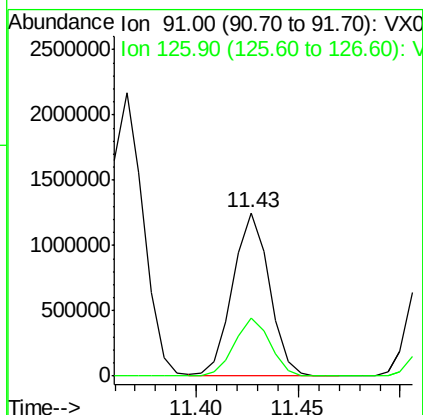
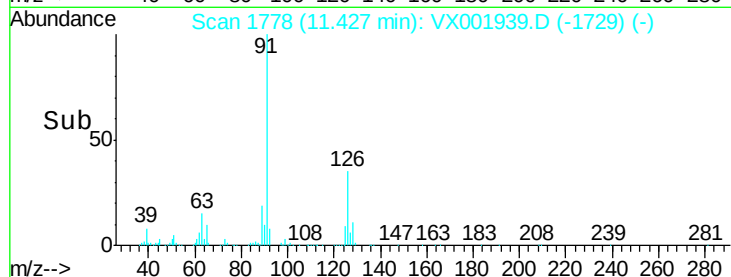
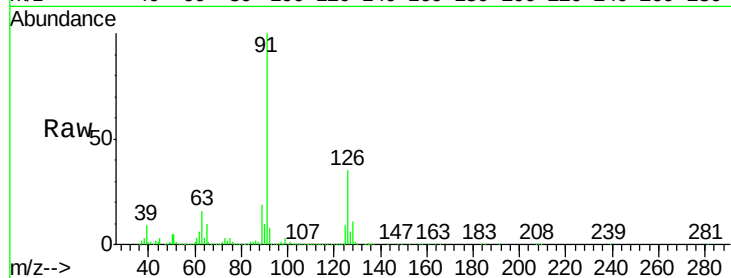
VSTDIC100

Tgt Ion: 91 Resp: 1541544

Ion Ratio Lower Upper

91 100

126 35.3 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 93.46 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001939.D

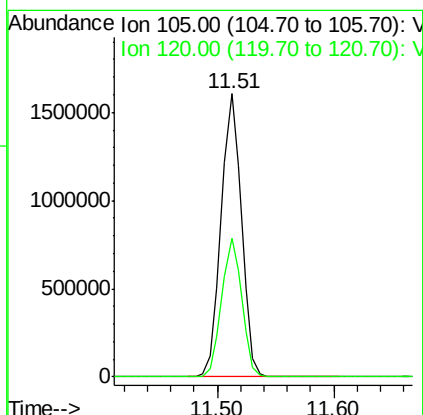
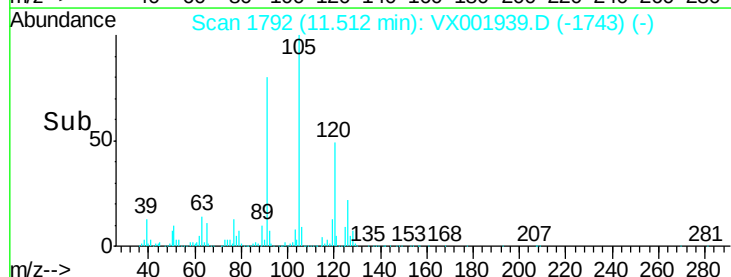
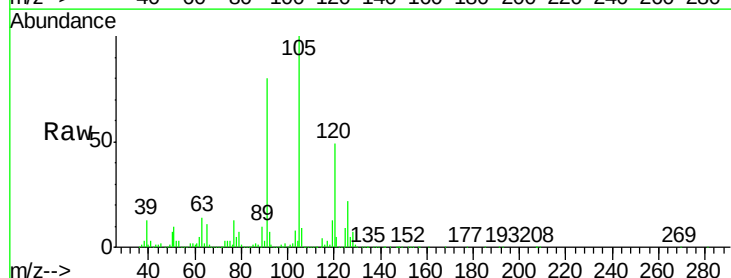
Acq: 24 May 2018 12:13

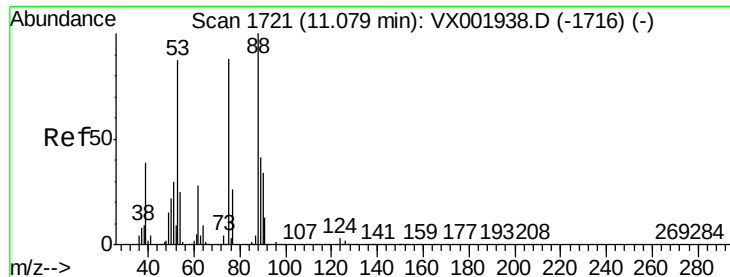
Tgt Ion: 105 Resp: 1931701

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 93.48 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

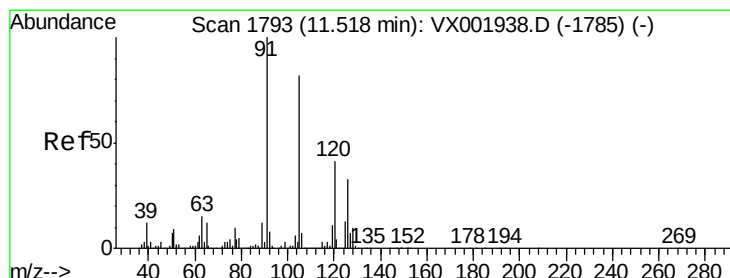
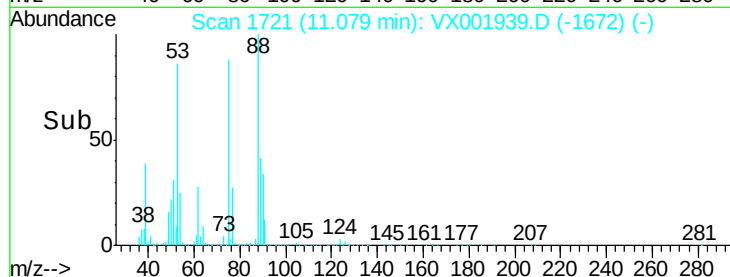
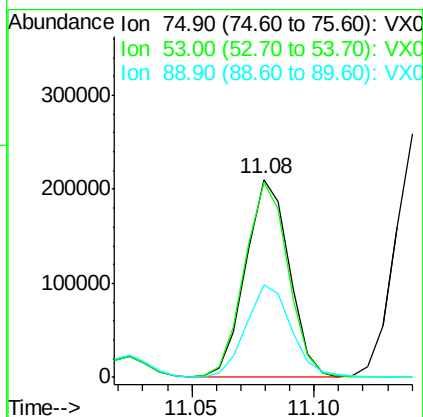
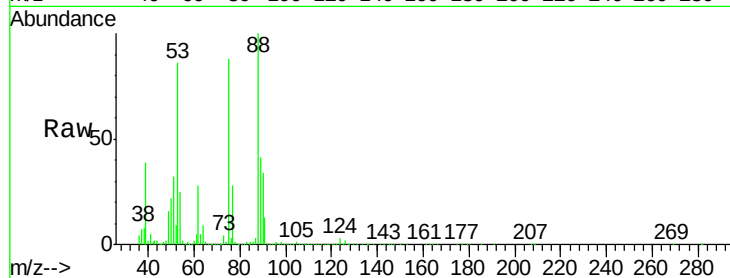
Tgt Ion: 75 Resp: 260818

Ion Ratio Lower Upper

75 100

53 98.5 78.0 117.0

89 49.3 39.4 59.2



#82

4-Chlorotoluene

Concen: 93.90 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001939.D

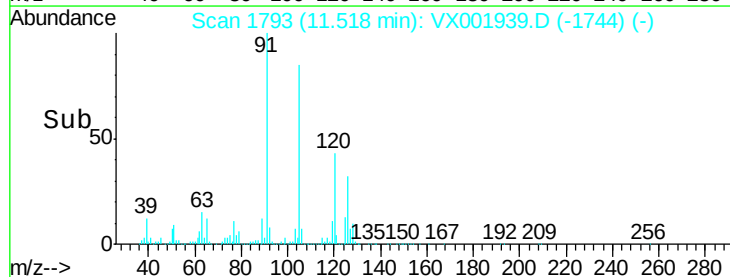
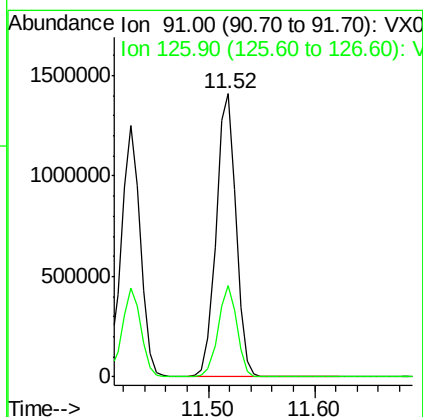
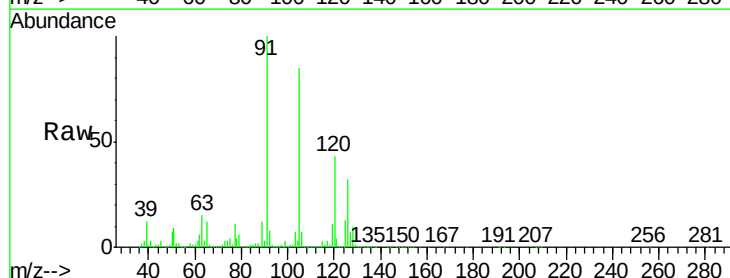
Acq: 24 May 2018 12:13

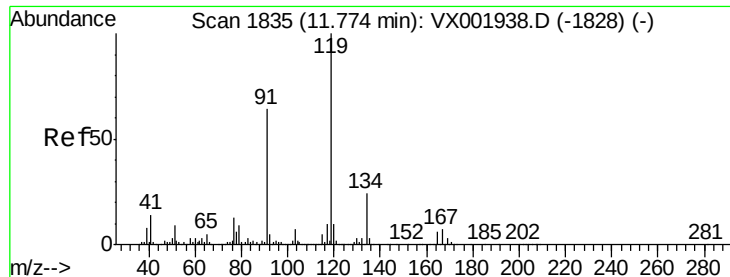
Tgt Ion: 91 Resp: 1805425

Ion Ratio Lower Upper

91 100

126 30.7 15.3 45.8

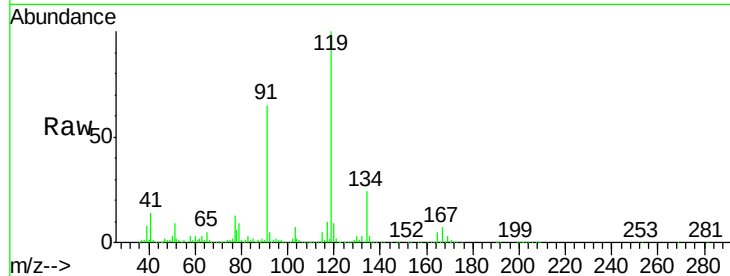




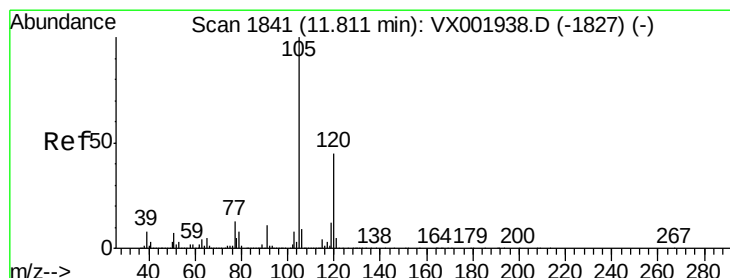
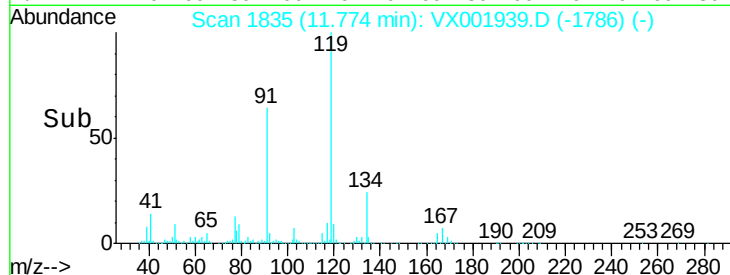
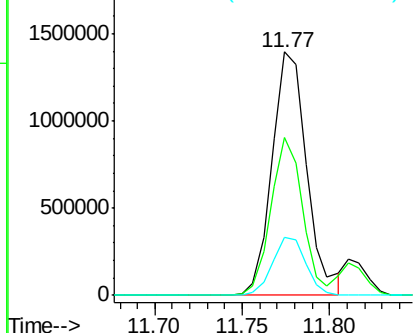
#83
 tert-Butylbenzene
 Concen: 96.14 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001939.D
 Acq: 24 May 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 1928252
 Ion Ratio Lower Upper
 119 100
 91 59.0 30.6 91.8
 134 22.8 11.7 35.0

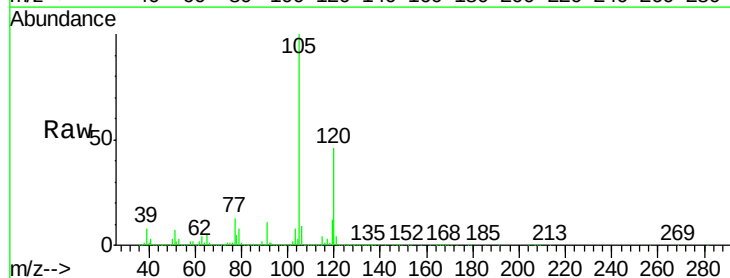


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

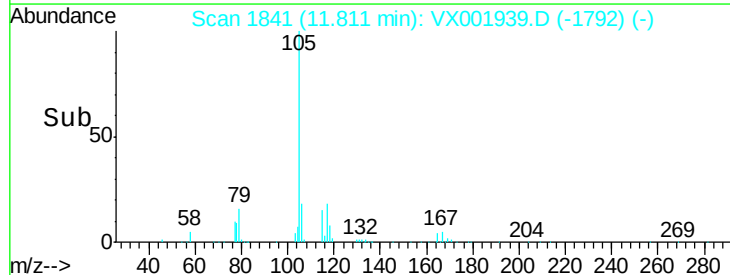
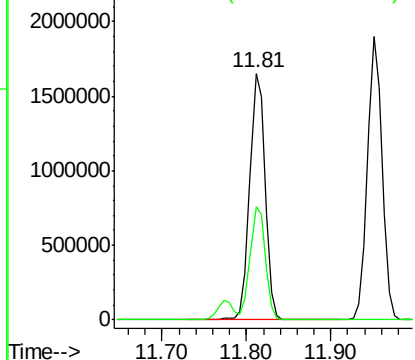


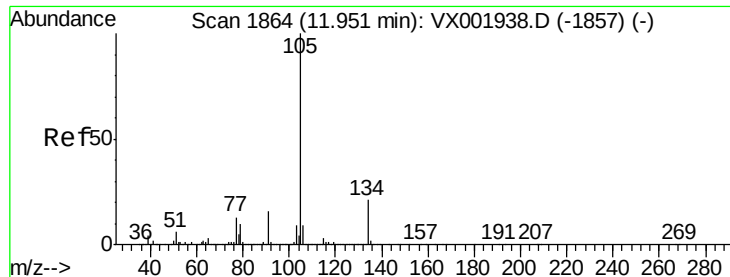
#84
 1,2,4-Trimethylbenzene
 Concen: 94.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001939.D
 Acq: 24 May 2018 12:13

Tgt Ion:105 Resp: 1996556
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.1 66.5



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





#85

sec-Butylbenzene

Concen: 93.89 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

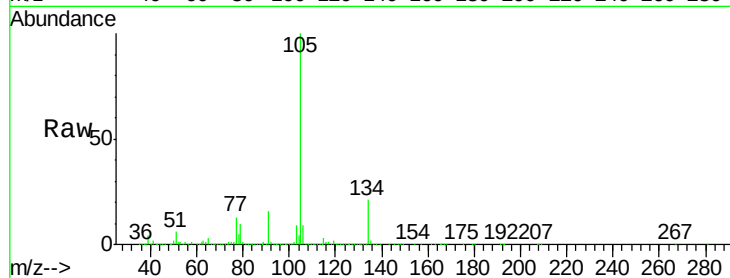
VSTDIC100

Tgt Ion:105 Resp: 2306891

Ion Ratio Lower Upper

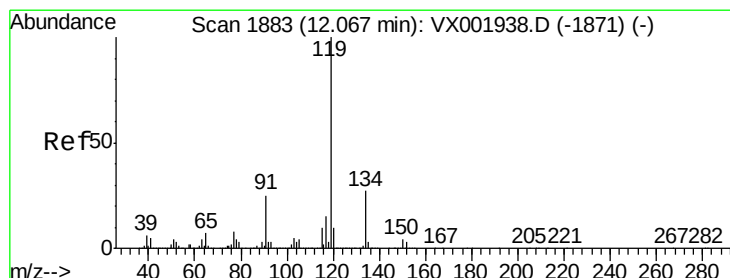
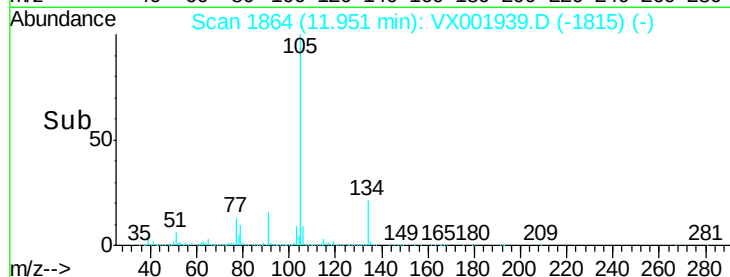
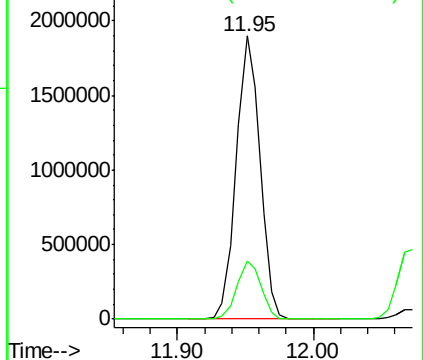
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 95.26 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001939.D

Acq: 24 May 2018 12:13

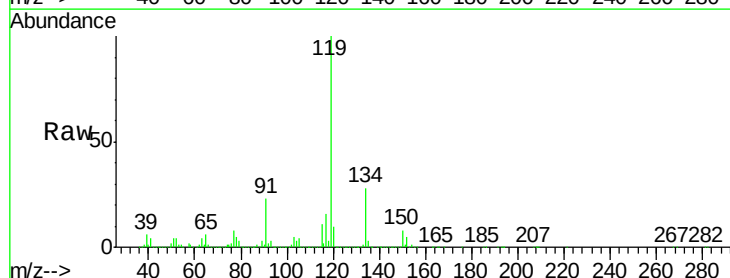
Tgt Ion:119 Resp: 2100922

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

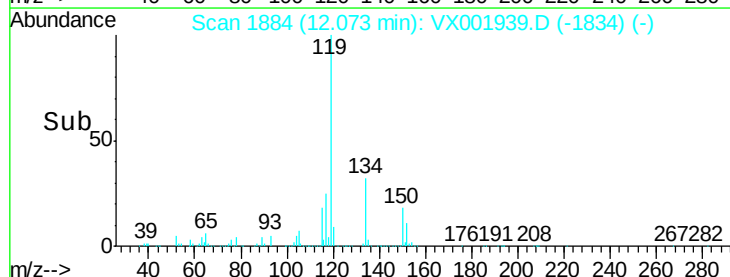
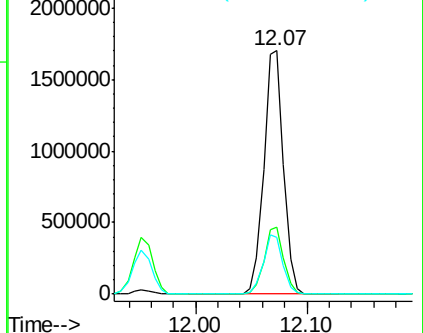
91 24.1 12.2 36.4

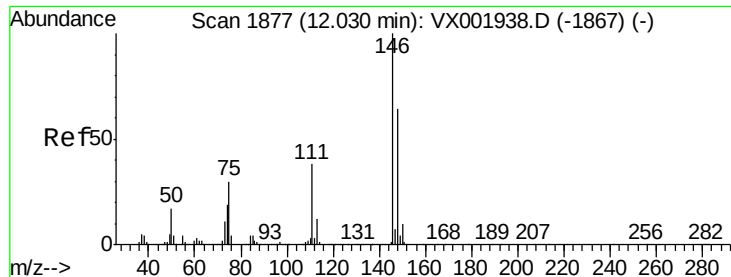


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

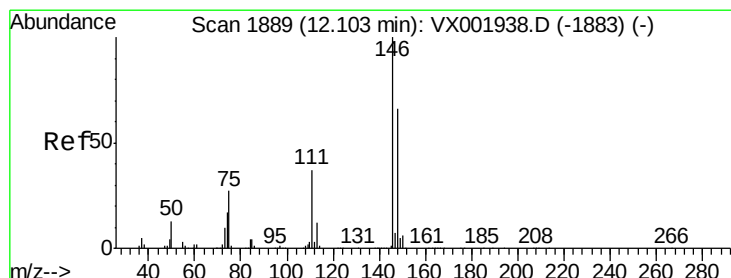
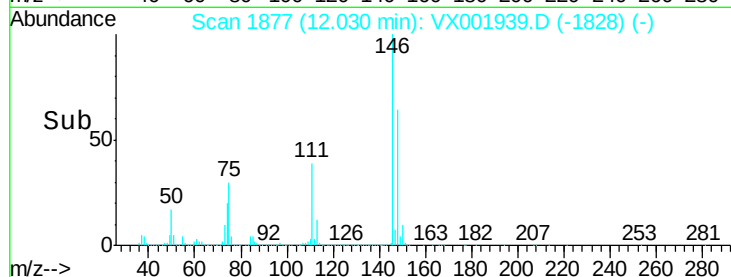
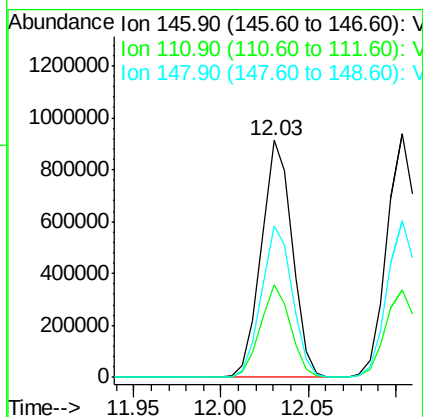
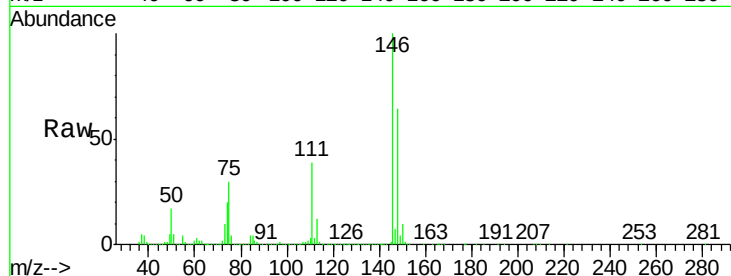




#87
 1,3-Dichlorobenzene
 Concen: 97.79 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001939.D
 Acq: 24 May 2018 12:13

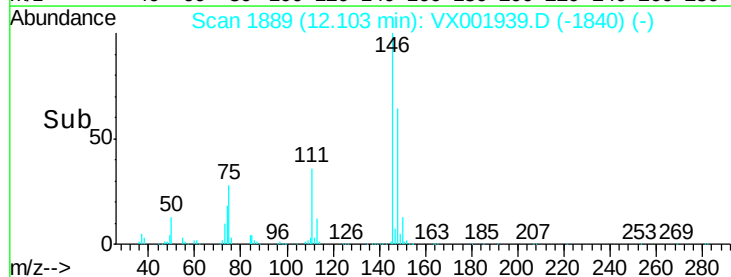
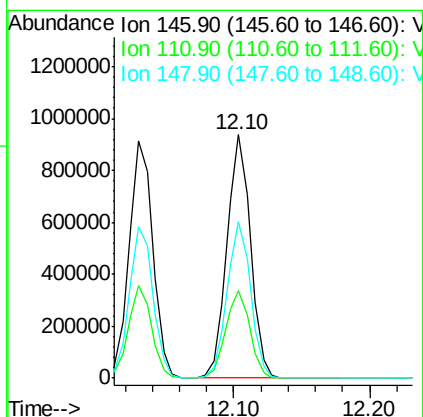
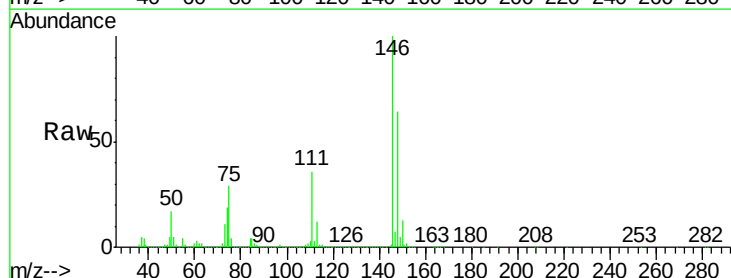
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

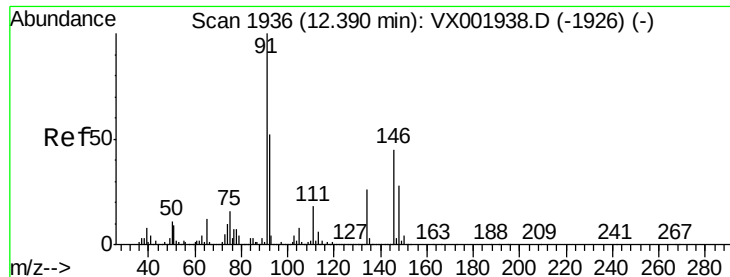
Tgt Ion:146 Resp: 1125019
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.3 57.8
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 97.24 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001939.D
 Acq: 24 May 2018 12:13

Tgt Ion:146 Resp: 1125560
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.9 56.5
 148 64.3 32.3 96.8

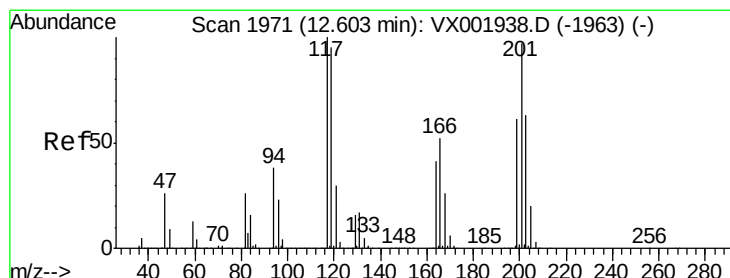
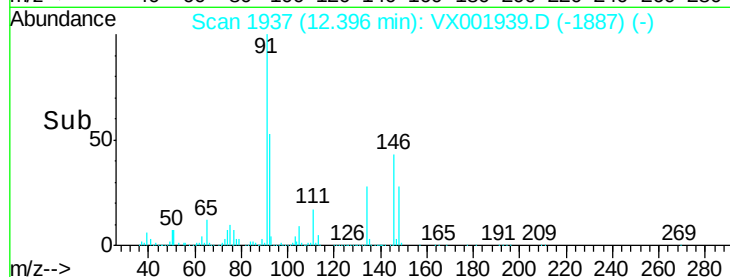
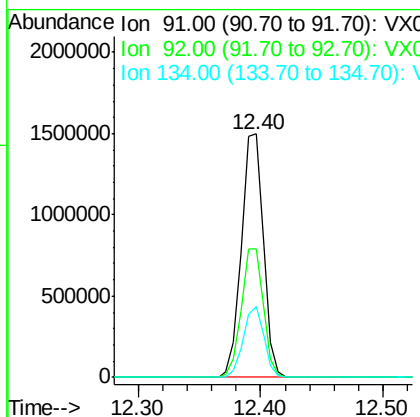
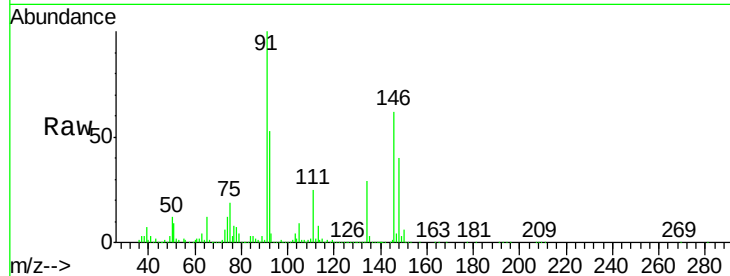




#89
n-Butylbenzene
Concen: 96.37 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.01 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

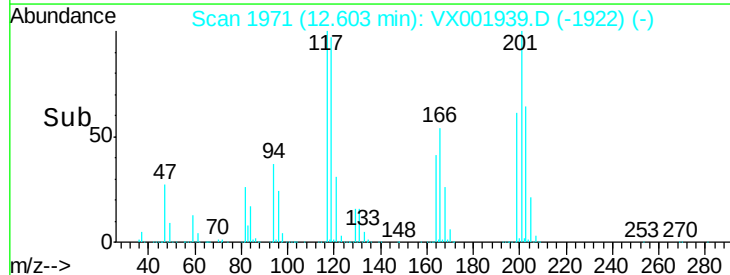
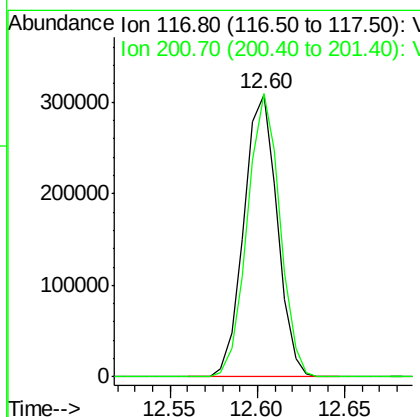
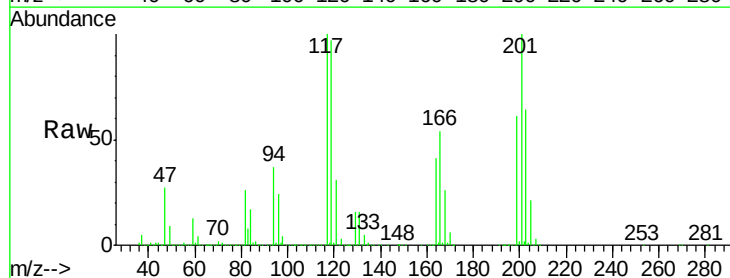
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

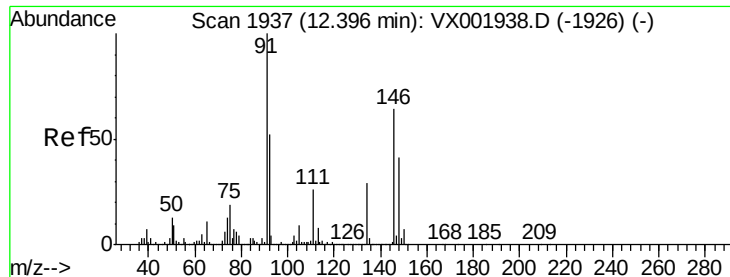
Tgt Ion: 91 Resp: 1846514
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 27.7 13.6 40.7



#90
Hexachloroethane
Concen: 94.29 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

Tgt Ion: 117 Resp: 407519
Ion Ratio Lower Upper
117 100
201 97.9 48.0 144.0

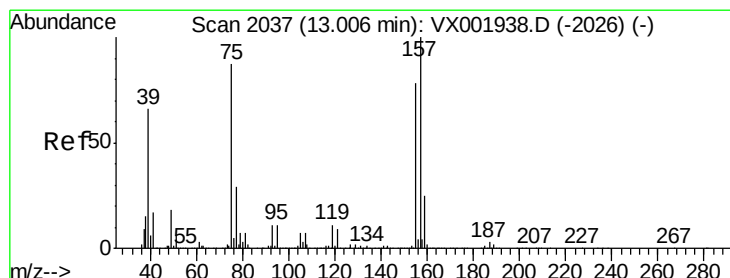
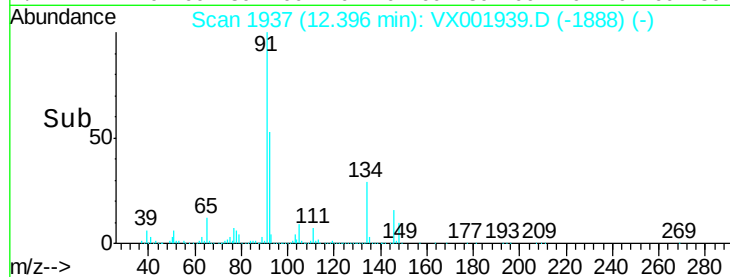
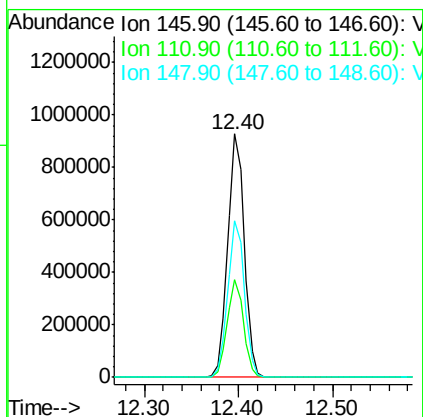
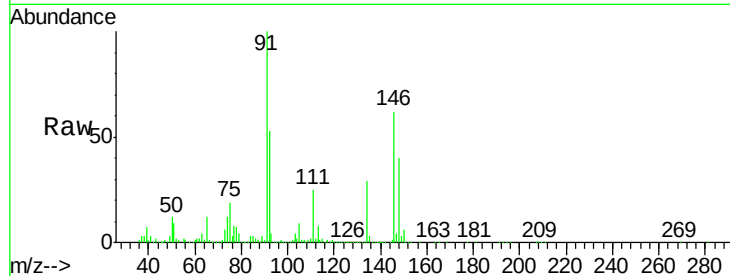




#91
 1,2-Dichlorobenzene
 Concen: 96.13 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001939.D
 Acq: 24 May 2018 12:13

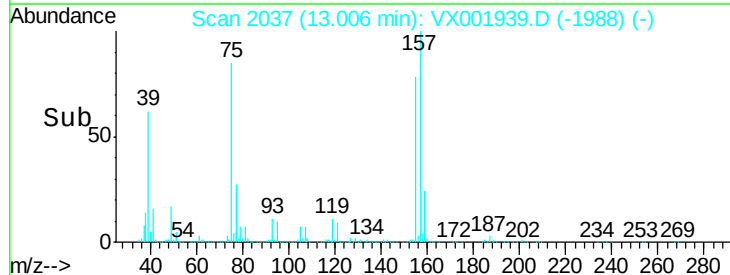
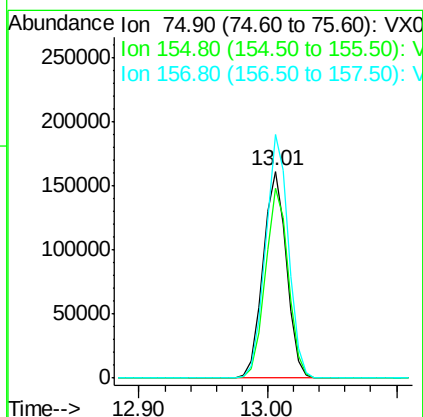
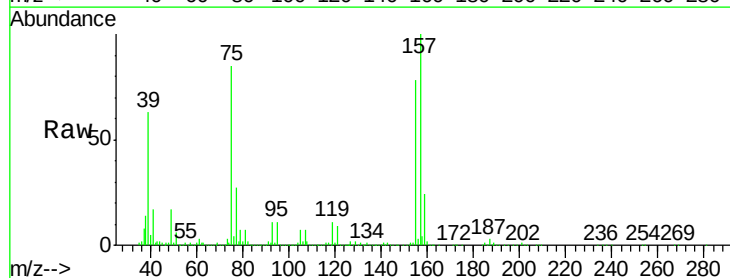
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

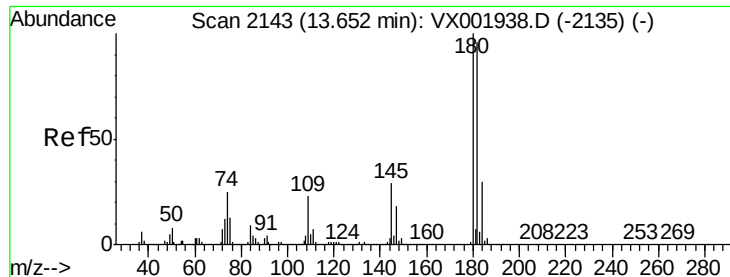
Tgt Ion:146 Resp: 1134963
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.8 59.3
 148 64.5 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 93.45 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001939.D
 Acq: 24 May 2018 12:13

Tgt Ion: 75 Resp: 201824
 Ion Ratio Lower Upper
 75 100
 155 90.5 45.1 135.2
 157 116.1 58.1 174.2

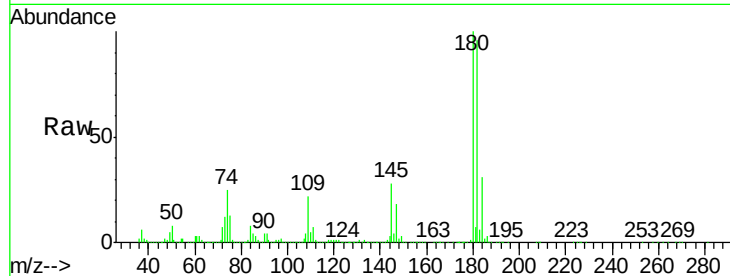




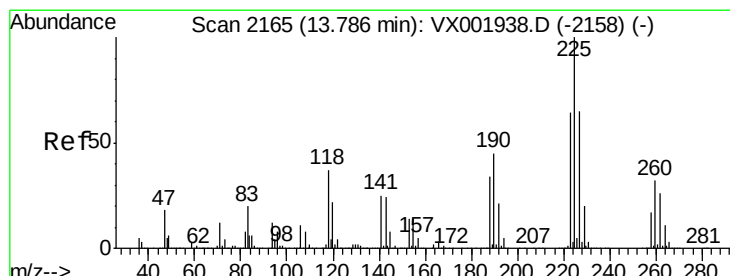
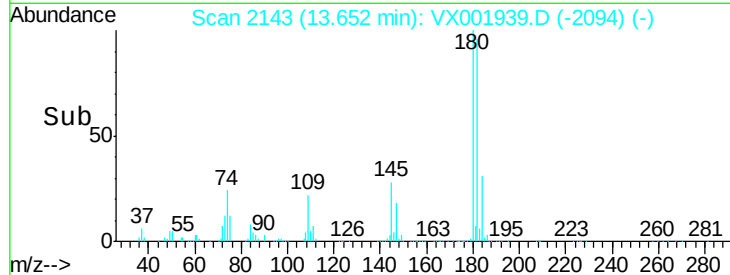
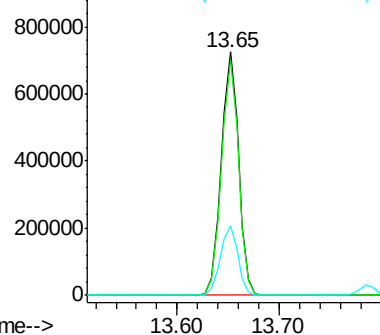
#93
 1,2,4-Trichlorobenzene
 Concen: 99.32 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001939.D
 Acq: 24 May 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 857520
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 28.9 14.4 43.0

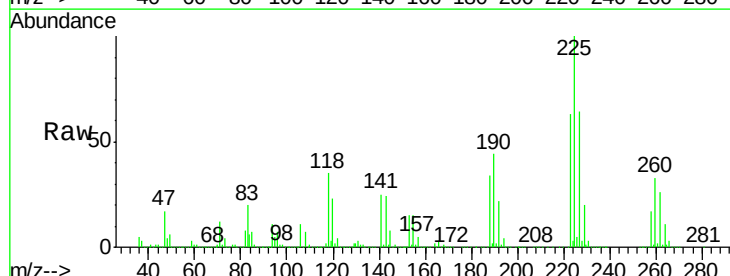


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

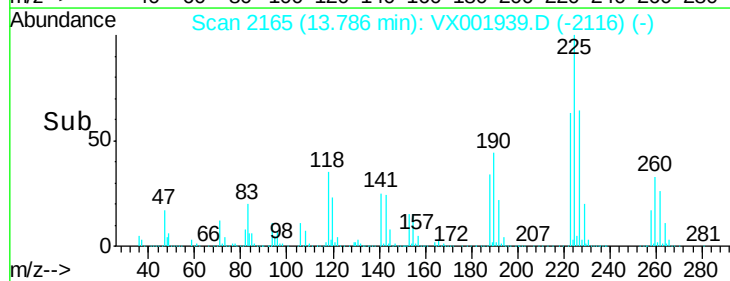
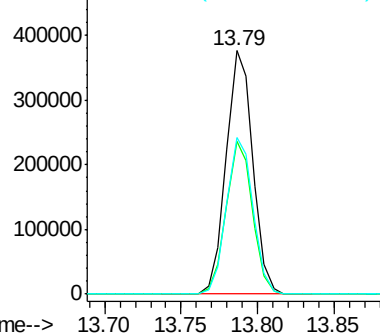


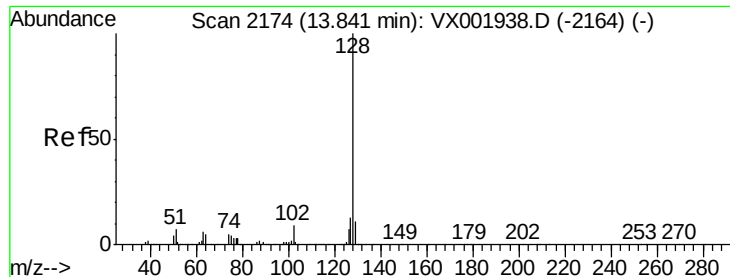
#94
 Hexachlorobutadiene
 Concen: 98.92 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001939.D
 Acq: 24 May 2018 12:13

Tgt Ion:225 Resp: 456225
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.1 93.5
 227 64.1 32.1 96.5



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

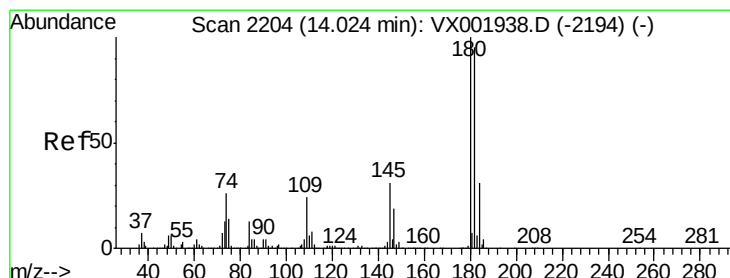
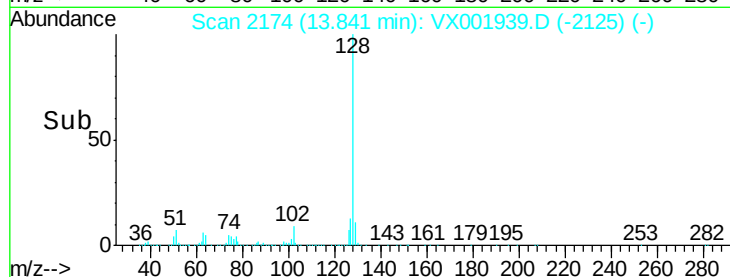
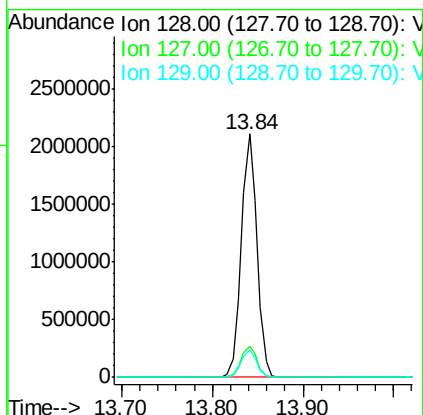
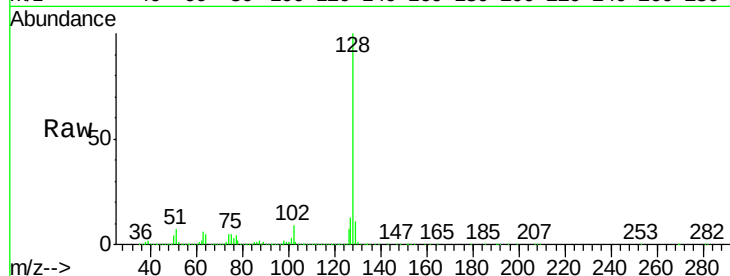




#95
Naphthalene
Concen: 94.87 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

Tgt Ion:128 Resp: 2512251
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 97.48 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001939.D
Acq: 24 May 2018 12:13

Tgt Ion:180 Resp: 864341
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.6
145 30.3 15.1 45.3

