

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
 Data File : VX003339.D
 Acq On : 11 Jul 2018 23:56
 Operator : JC/MD
 Sample : J3924-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Quant Time: Jul 12 01:00:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192260	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	188531	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
35) Dibromofluoromethane	5.51	113	162479	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
50) Toluene-d8	8.72	98	601124	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.14	95	216068	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	76541	22.27	ug/l	99
3) Chloromethane	1.32	50	76376	24.44	ug/l	99
4) Vinyl Chloride	1.40	62	85477	26.65	ug/l	99
5) Bromomethane	1.64	94	37028	39.79	ug/l	98
6) Chloroethane	1.72	64	51224	28.82	ug/l	99
7) Trichlorofluoromethane	1.93	101	115402	24.20	ug/l	99
8) Diethyl Ether	2.19	74	46808	27.16	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68661	24.59	ug/l	96
10) Methyl Iodide	2.51	142	61443	23.33	ug/l	95
11) Tert butyl alcohol	3.08	59	91677	142.11	ug/l	99
12) 1,1-Dichloroethene	2.37	96	66180	26.05	ug/l	89
13) Acrolein	2.29	56	63207	121.59	ug/l	99
14) Allyl chloride	2.73	41	123129	26.16	ug/l	89
15) Acrylonitrile	3.15	53	201163	139.65	ug/l	99
16) Acetone	2.45	43	174091	137.81	ug/l	90
17) Carbon Disulfide	2.57	76	173266	24.54	ug/l	98
18) Methyl Acetate	2.78	43	112726	31.63	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	218408	25.73	ug/l	99
20) Methylene Chloride	2.86	84	77075	29.48	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	69084	25.51	ug/l	98
22) Diisopropyl ether	3.88	45	209559	21.89	ug/l	97
23) Vinyl Acetate	3.82	43	870748	107.12	ug/l	100
24) 1,1-Dichloroethane	3.70	63	134881	27.07	ug/l	99
25) 2-Butanone	4.71	43	248369	111.11	ug/l	97
26) 2,2-Dichloropropane	4.59	77	67941	15.59	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	72301	21.72	ug/l	92
28) Bromochloromethane	5.02	49	62352	24.83	ug/l	95
29) Tetrahydrofuran	5.17	42	156723	108.02	ug/l	94
30) Chloroform	5.22	83	120291	21.94	ug/l	98
31) Cyclohexane	5.57	56	97094	20.81	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	97590	20.18	ug/l	99
36) 1,1-Dichloropropene	5.81	75	85244	19.31	ug/l	100
37) Ethyl Acetate	4.87	43	93063	19.22	ug/l	96
38) Carbon Tetrachloride	5.79	117	85184	17.64	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	93680	18.01	ug/l	98
40) Benzene	6.15	78	261997	20.02	ug/l	99
41) Methacrylonitrile	5.06	41	52567	19.84	ug/l	94
42) 1,2-Dichloroethane	6.20	62	91647	18.75	ug/l	98
43) Isopropyl Acetate	6.47	43	141570	18.62	ug/l	96
44) Trichloroethene	7.21	130	72447	18.72	ug/l	99
45) 1,2-Dichloropropane	7.52	63	67813	19.93	ug/l	100
46) Dibromomethane	7.67	93	43919	18.94	ug/l	98
47) Bromodichloromethane	7.90	83	80977	18.93	ug/l	100
48) Methyl methacrylate	7.78	41	73456	18.84	ug/l	89
49) 1,4-Dioxane	7.76	88	31583	387.44	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	481970	101.84	ug/l	93
52) Toluene	8.79	92	163484	19.76	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	92966	18.47	ug/l	95
54) cis-1,3-Dichloropropene	9.04	75	82587	18.02	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	66831	19.48	ug/l	97
56) Ethyl methacrylate	9.18	69	93814	19.96	ug/l #	88
57) 1,3-Dichloropropane	9.37	76	111510	20.17	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	258907	114.19	ug/l	100
59) 2-Hexanone	9.50	43	361569	100.59	ug/l	93
60) Dibromochloromethane	9.59	129	62922	17.56	ug/l	96
61) 1,2-Dibromoethane	9.68	107	68619	19.08	ug/l	100
64) Tetrachloroethene	9.34	164	87470	19.97	ug/l	96
65) Chlorobenzene	10.14	112	183842	18.68	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63835	17.98	ug/l	98
67) Ethyl Benzene	10.26	91	307034	19.29	ug/l	98
68) m/p-Xylenes	10.36	106	237845	38.41	ug/l	98
69) o-Xylene	10.70	106	114924	19.16	ug/l	97
70) Styrene	10.71	104	186183	19.14	ug/l	98
71) Bromoform	10.86	173	46498	15.91	ug/l #	100
73) Isopropylbenzene	11.02	105	305733	20.14	ug/l	100
74) N-amyl acetate	6.47	43	141570	19.55	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	96795	20.56	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	105227	25.32	ug/l	80
77) Bromobenzene	11.26	156	83842	19.13	ug/l	99
78) n-propylbenzene	11.36	91	348303	20.64	ug/l	99
79) 2-Chlorotoluene	11.43	91	208388	20.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	252957	20.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21656	17.03	ug/l	99
82) 4-Chlorotoluene	11.51	91	241996	20.16	ug/l	99
83) tert-Butylbenzene	11.77	119	236384	18.72	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	260342	20.11	ug/l	99
85) sec-Butylbenzene	11.95	105	296668	19.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	262848	19.33	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	149462	18.59	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	150855	18.53	ug/l	99
89) n-Butylbenzene	12.39	91	218167	19.21	ug/l	99
90) Hexachloroethane	12.60	117	35442	17.07	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	152002	18.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19085	18.89	ug/l	97

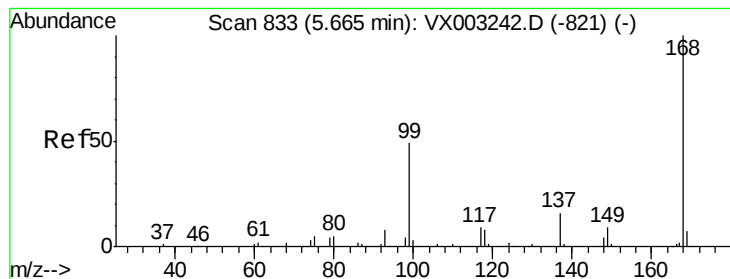
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Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111043	18.90	ug/l	99
94) Hexachlorobutadiene	13.79	225	51498	17.61	ug/l	100
95) Naphthalene	13.83	128	327354	21.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108394	18.50	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

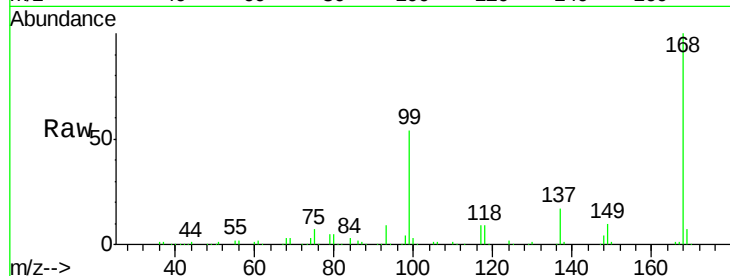
VX0711WBS02

Tot Ion:168 Resp: 226104

Ion Ratio Lower Upper

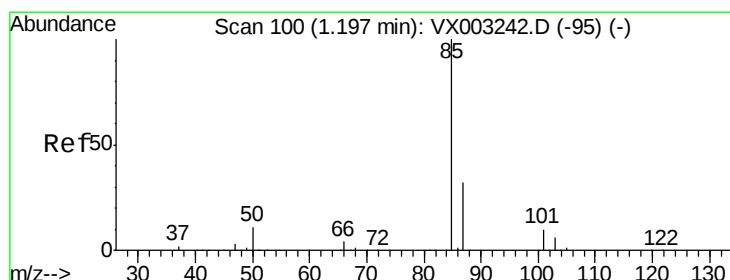
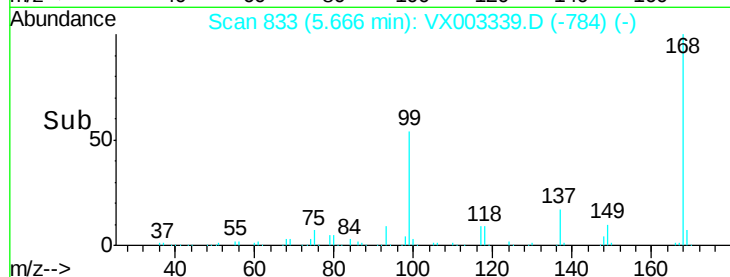
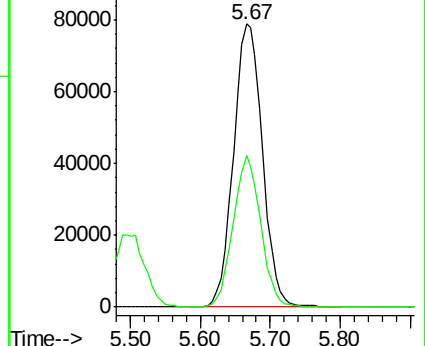
168 100

99 53.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.27 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003339.D

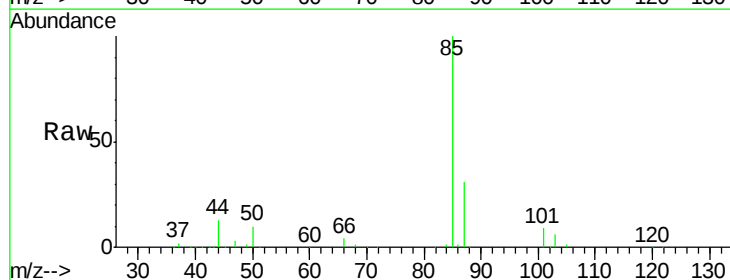
Acq: 11 Jul 2018 23:56

Tgt Ion: 85 Resp: 76541

Ion Ratio Lower Upper

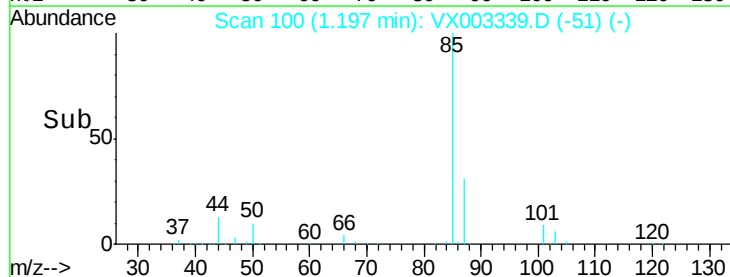
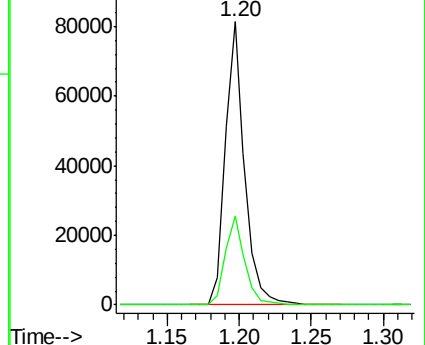
85 100

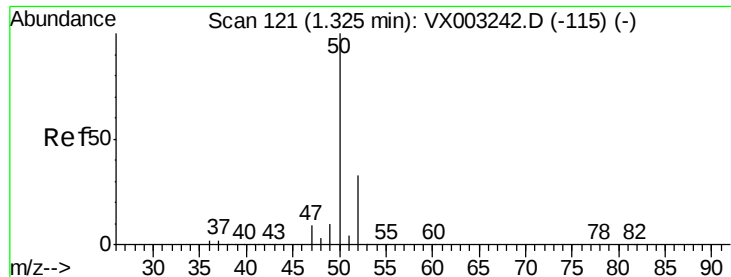
87 31.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 24.44 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

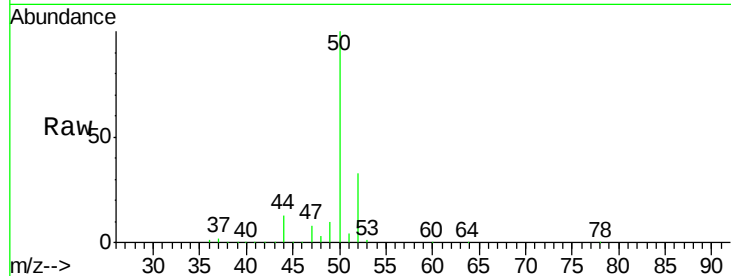
VX0711WBS02

Tot Ion: 50 Resp: 76376

Ion Ratio Lower Upper

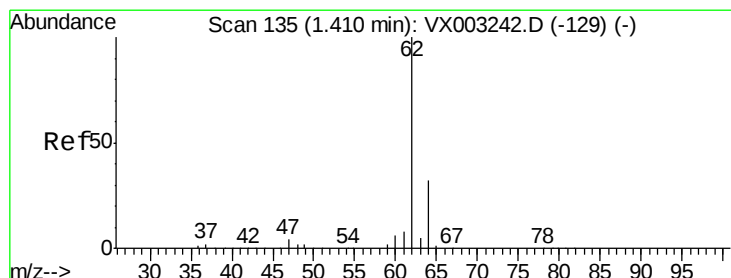
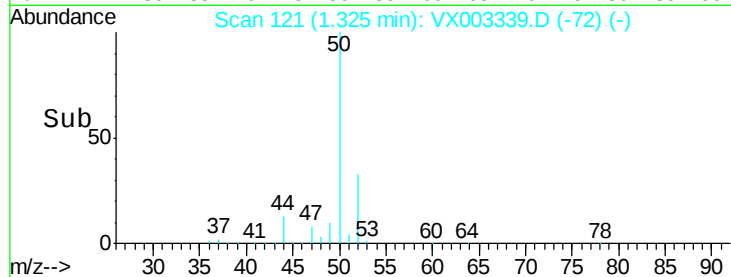
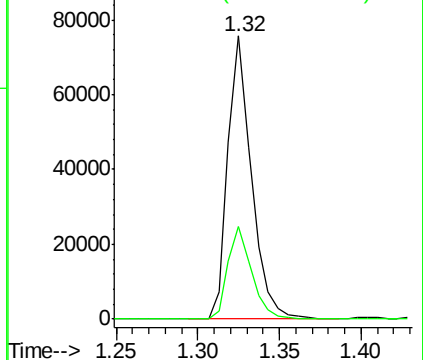
50 100

52 32.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 26.65 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003339.D

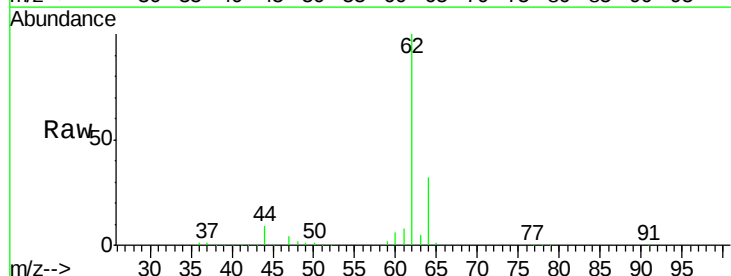
Acq: 11 Jul 2018 23:56

Tgt Ion: 62 Resp: 85477

Ion Ratio Lower Upper

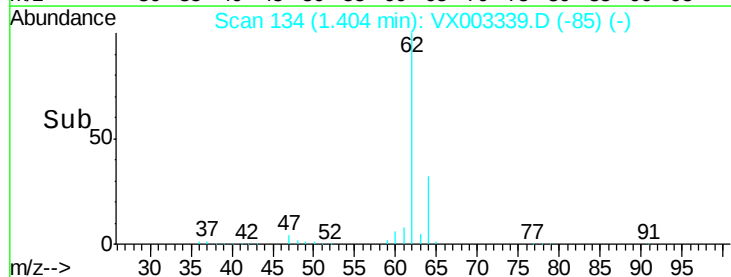
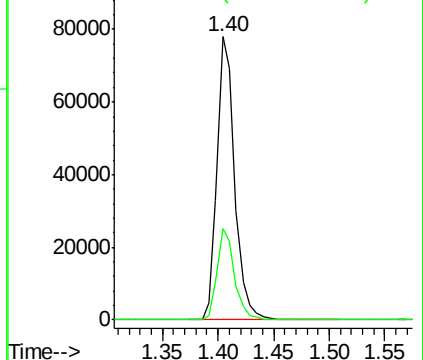
62 100

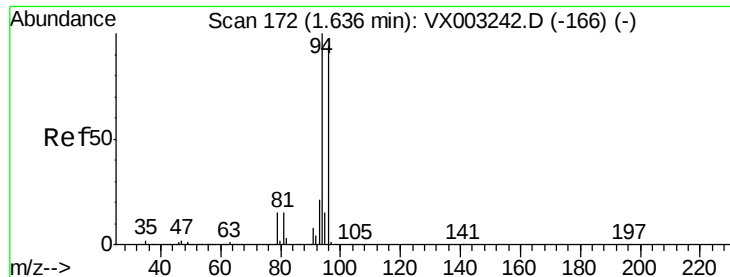
64 32.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 39.79 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

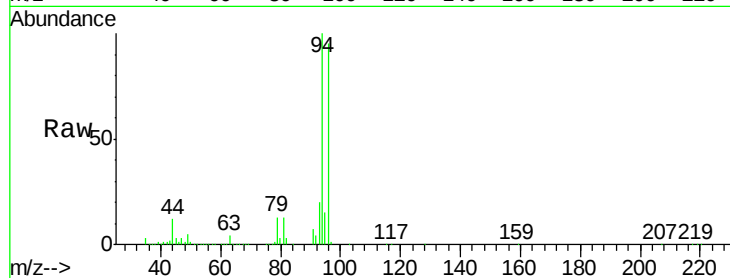
VX0711WBS02

Tot Ion: 94 Resp: 37028

Ion Ratio Lower Upper

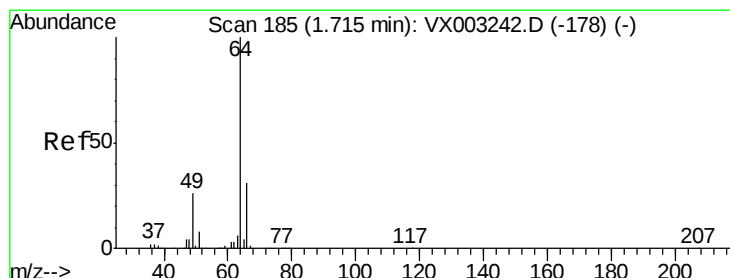
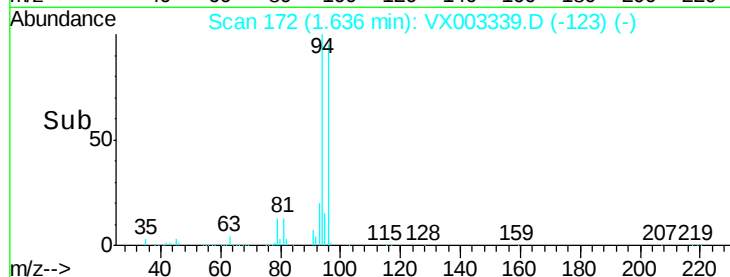
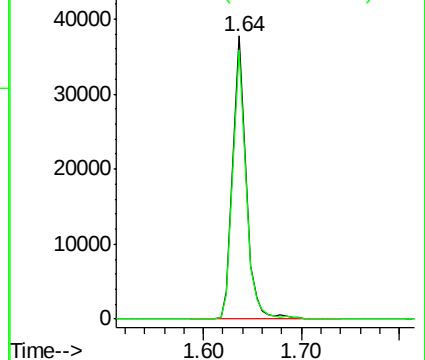
94 100

96 95.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 28.82 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003339.D

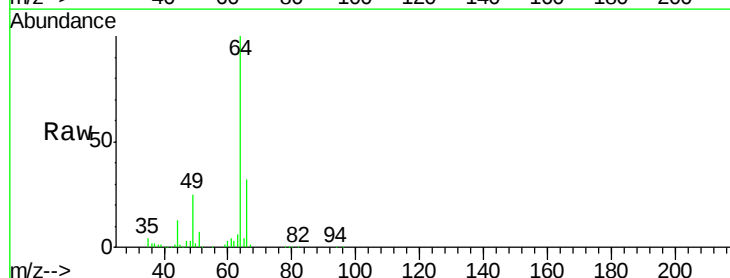
Acq: 11 Jul 2018 23:56

Tgt Ion: 64 Resp: 51224

Ion Ratio Lower Upper

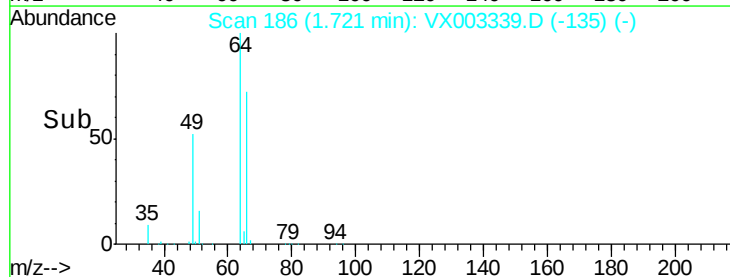
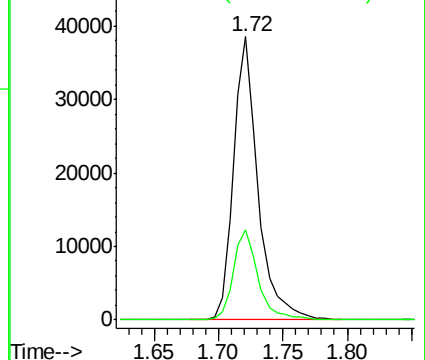
64 100

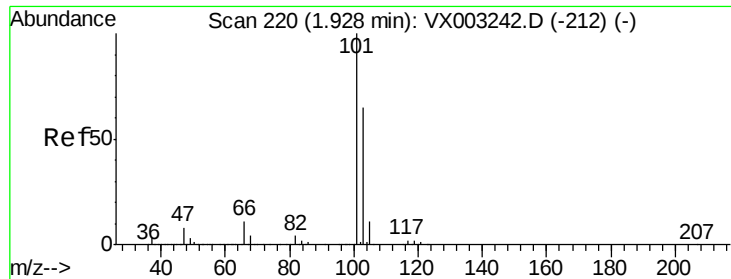
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



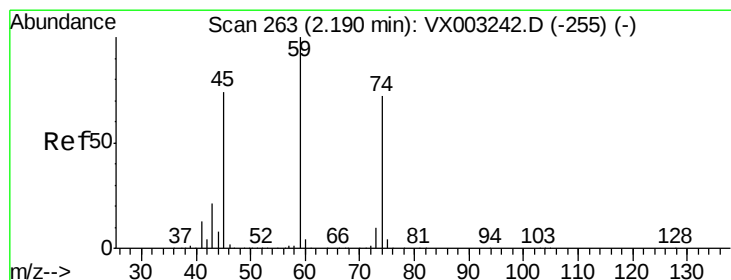
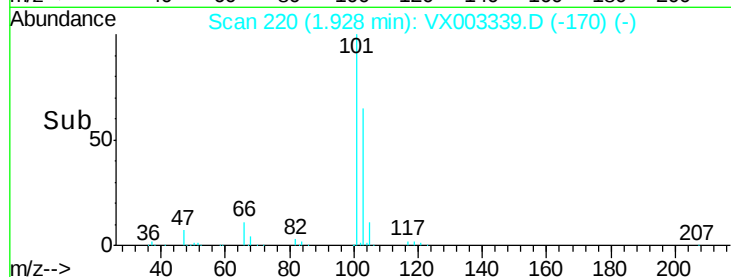
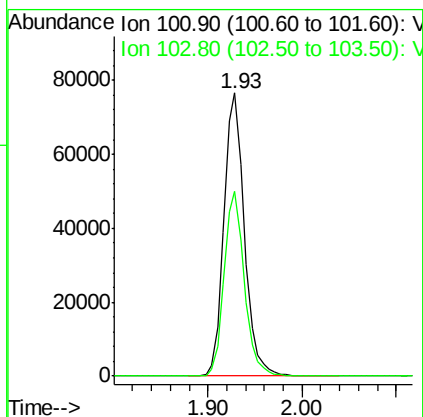
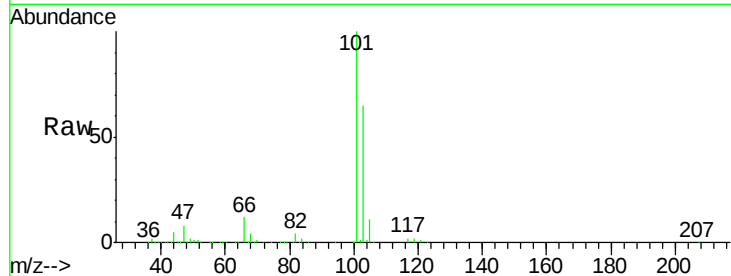


#7

Trichlorofluoromethane
 Concen: 24.20 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

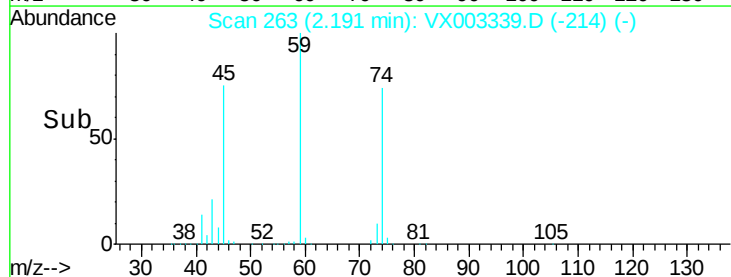
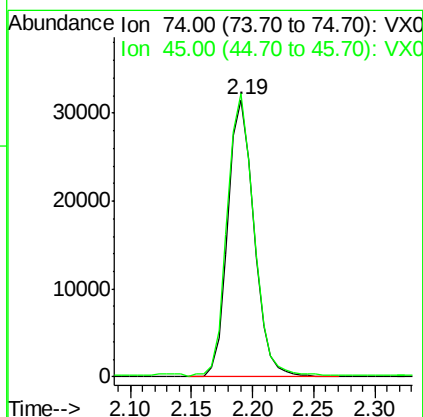
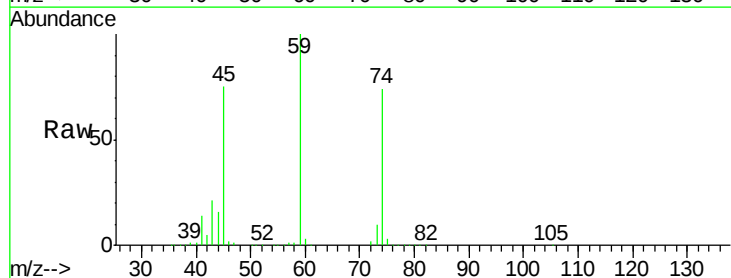
Tot Ion:101 Resp: 115402
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.8 79.2

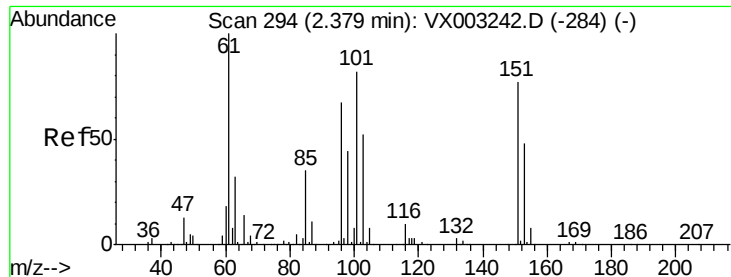


#8

Diethyl Ether
 Concen: 27.16 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Tgt Ion: 74 Resp: 46808
 Ion Ratio Lower Upper
 74 100
 45 102.8 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.59 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

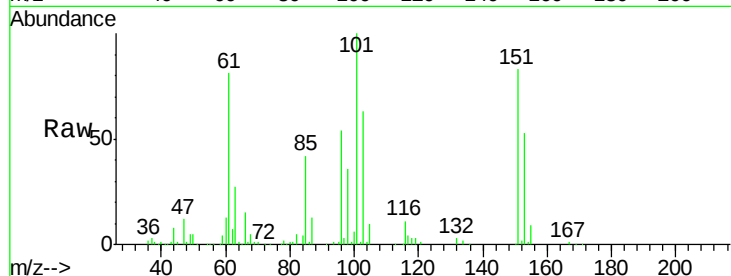
Tot Ion:101 Resp: 68661

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

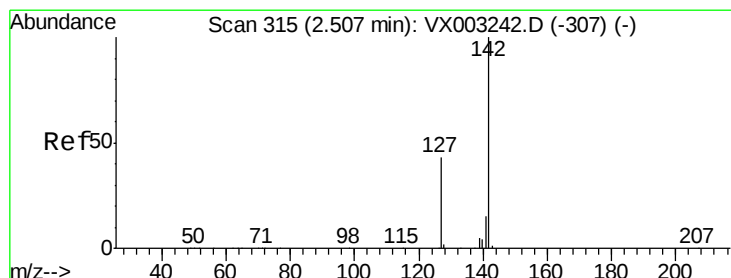
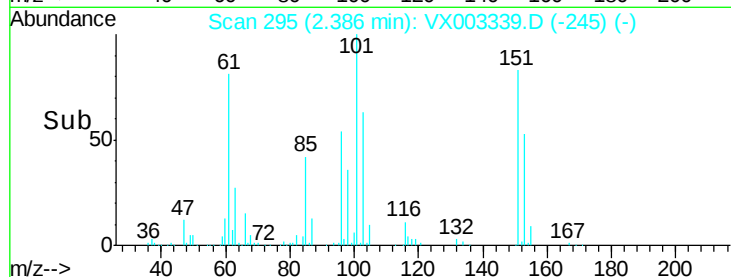
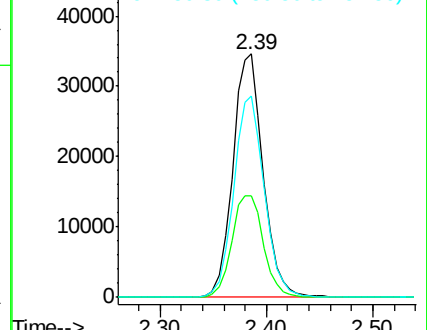
151 83.7 70.9 106.3



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: 23.33 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

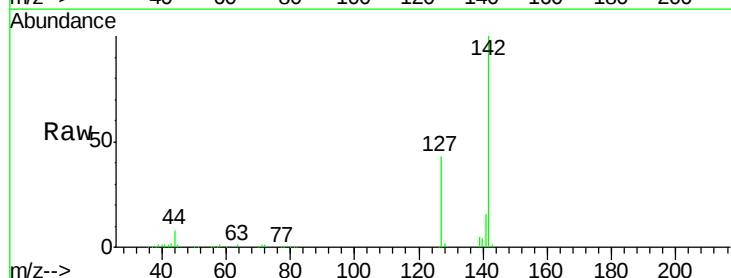
Tgt Ion:142 Resp: 61443

Ion Ratio Lower Upper

142 100

127 42.2 36.6 55.0

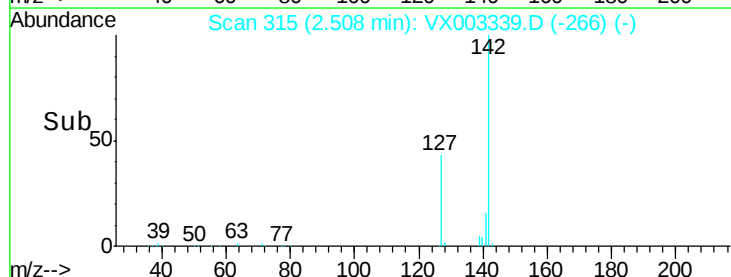
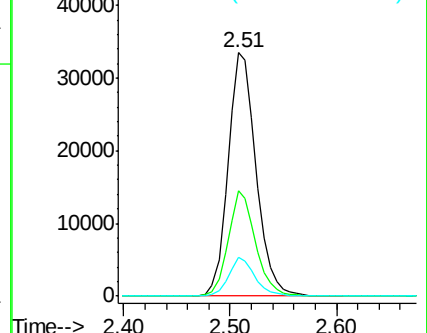
141 14.9 11.3 16.9

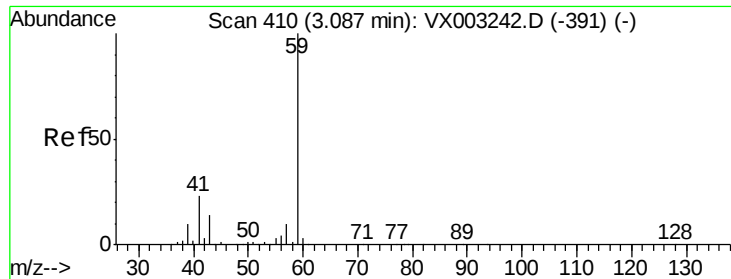


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



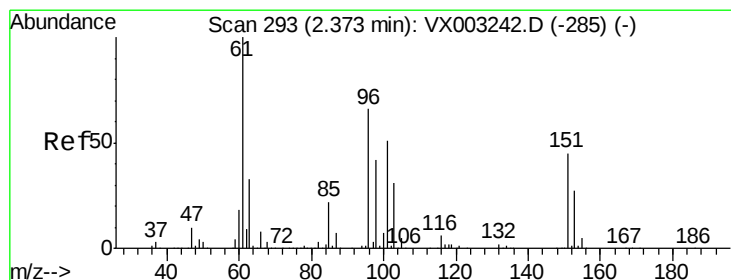
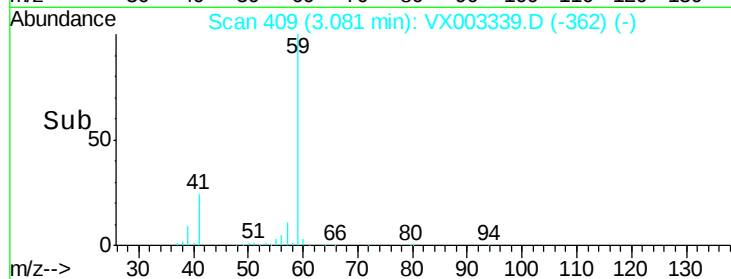
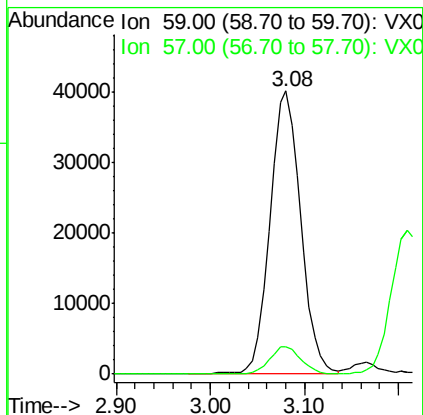
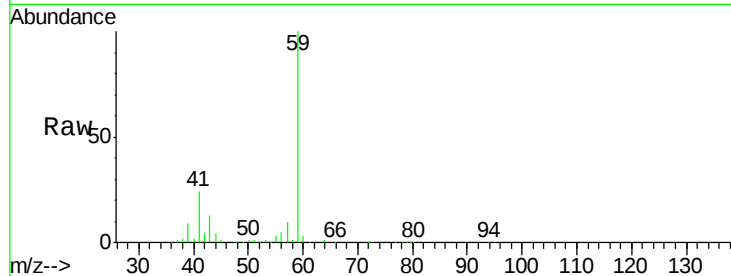


#11

Tert butyl alcohol
 Concen: 142.11 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

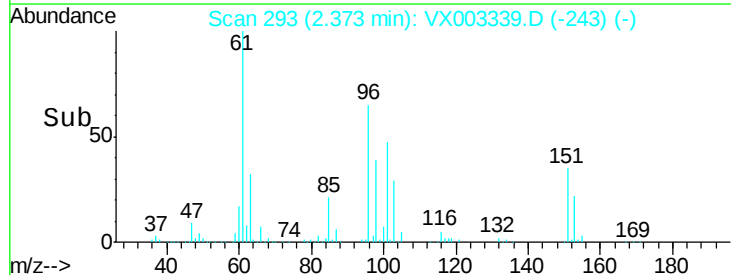
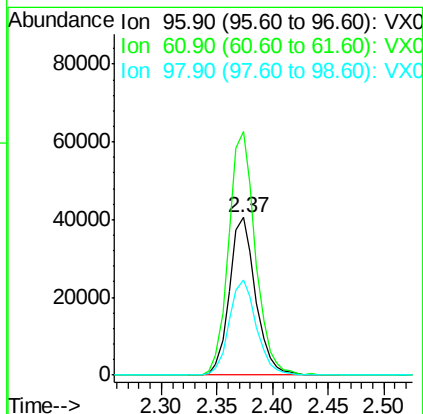
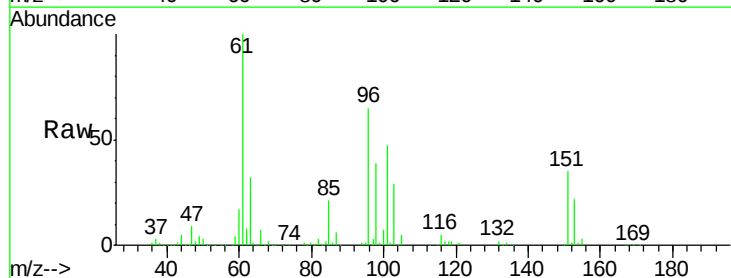
Tot Ion: 59 Resp: 91677
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.2

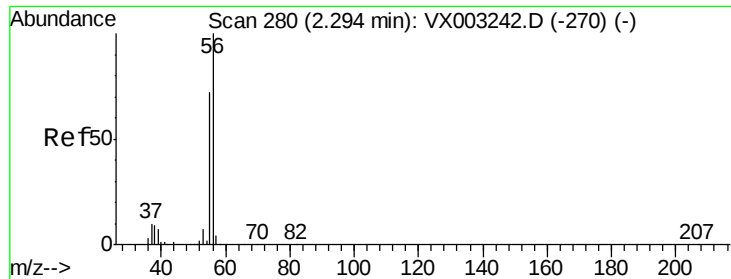


#12

1,1-Dichloroethene
 Concen: 26.05 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Tgt Ion: 96 Resp: 66180
 Ion Ratio Lower Upper
 96 100
 61 154.5 137.9 206.9
 98 60.4 51.6 77.4





#13

Acrolein

Concen: 121.59 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

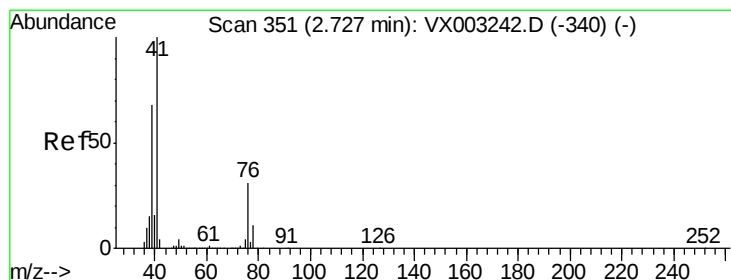
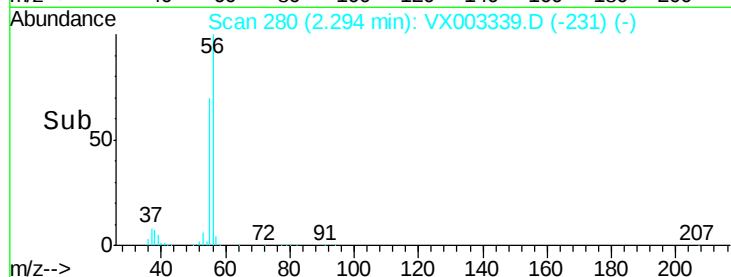
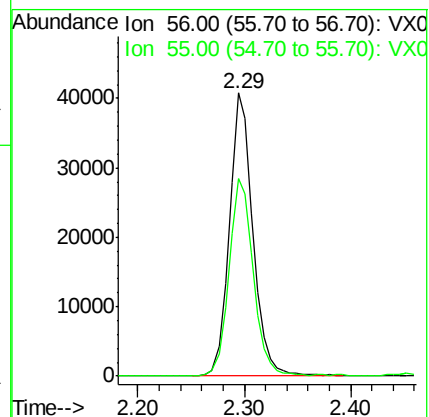
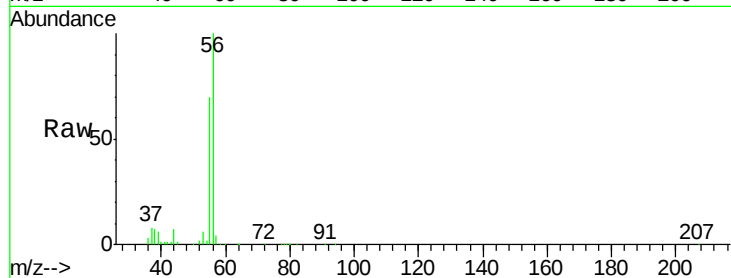
VX0711WBS02

Tot Ion: 56 Resp: 63207

Ion Ratio Lower Upper

56 100

55 72.1 57.0 85.4



#14

Allyl chloride

Concen: 26.16 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

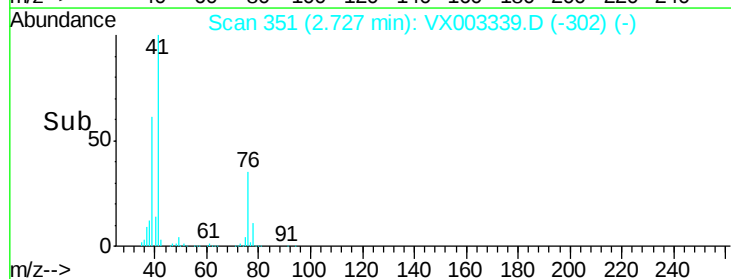
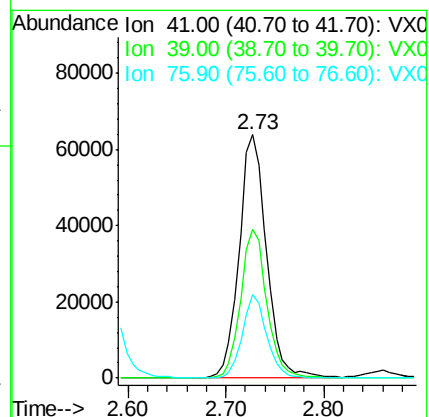
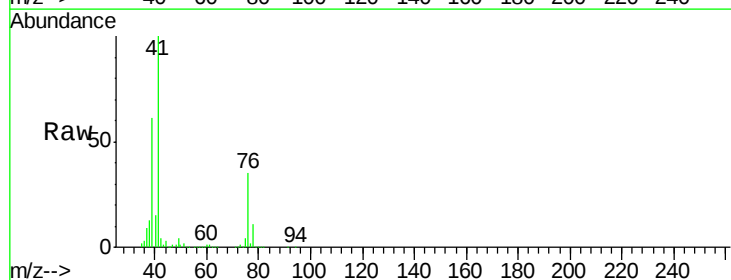
Tgt Ion: 41 Resp: 123129

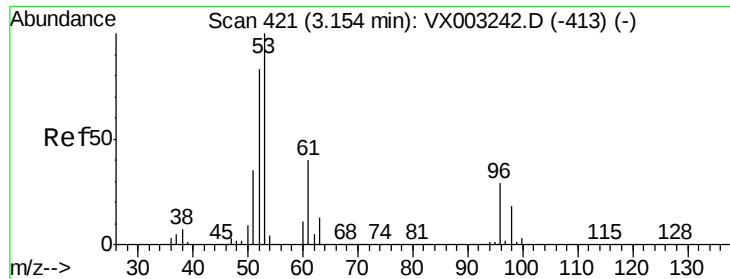
Ion Ratio Lower Upper

41 100

39 58.9 56.8 85.2

76 31.2 23.8 35.8





#15

Acrylonitrile

Concen: 139.65 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampled :

VX0711WBS02

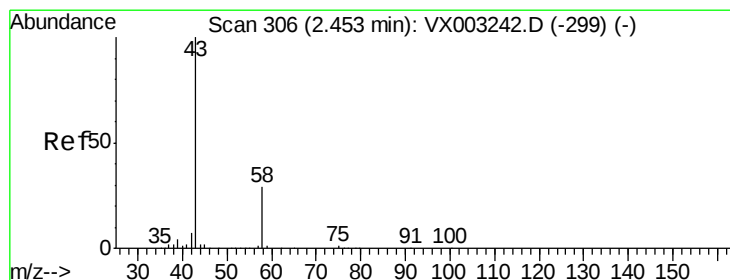
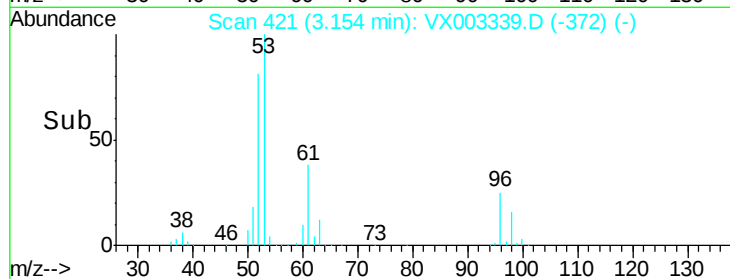
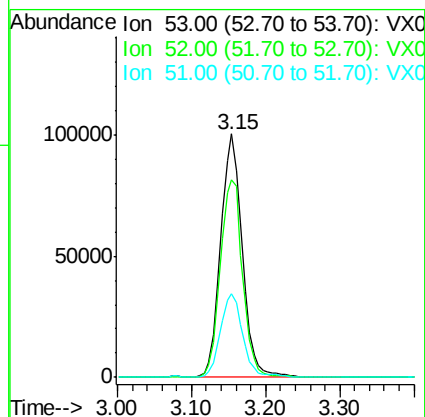
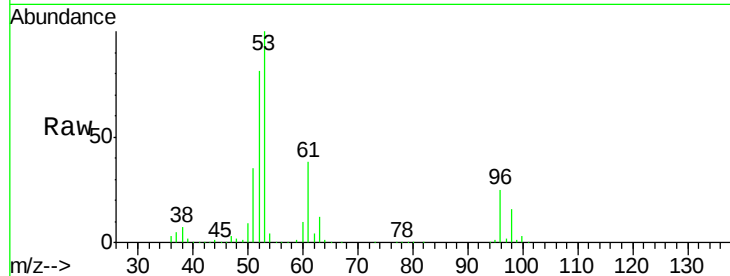
Tot Ion: 53 Resp: 201163

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

51 35.7 29.9 44.9



#16

Acetone

Concen: 137.81 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003339.D

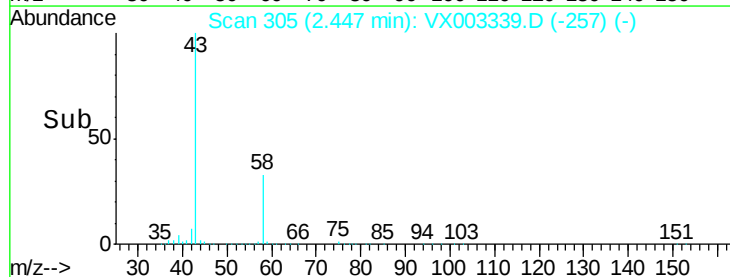
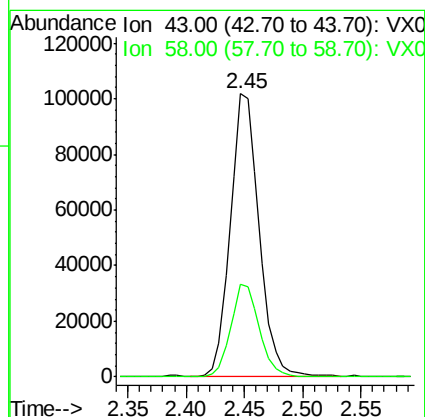
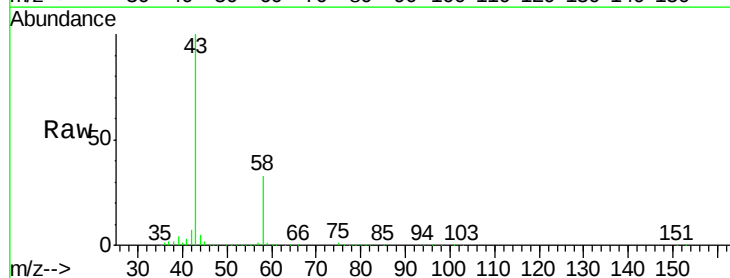
Acq: 11 Jul 2018 23:56

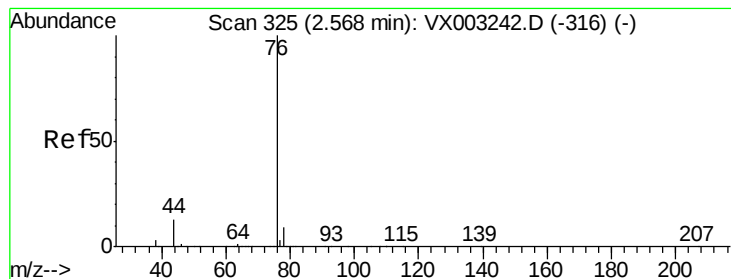
Tgt Ion: 43 Resp: 174091

Ion Ratio Lower Upper

43 100

58 32.6 22.1 33.1





#17

Carbon Disulfide

Concen: 24.54 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

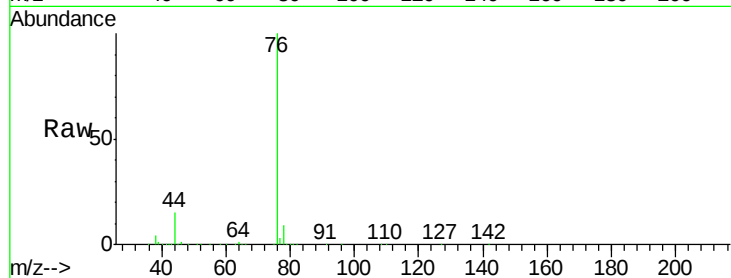
VX0711WBS02

Tot Ion: 76 Resp: 173266

Ion Ratio Lower Upper

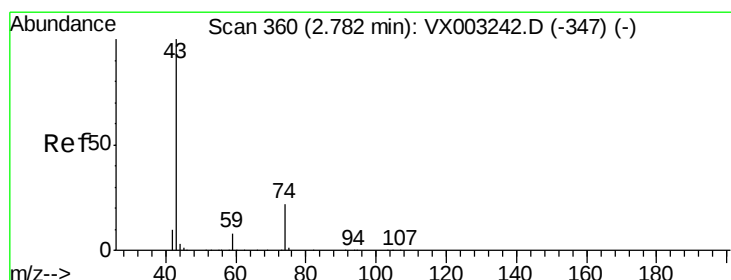
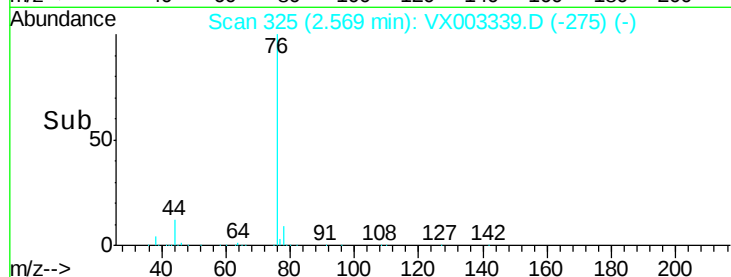
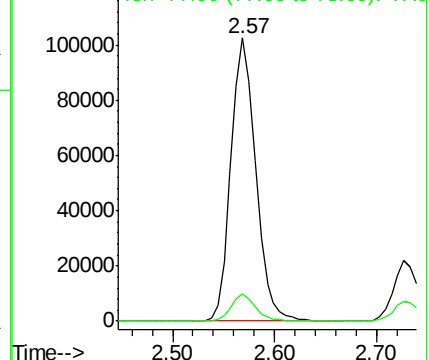
76 100

78 9.4 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 31.63 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003339.D

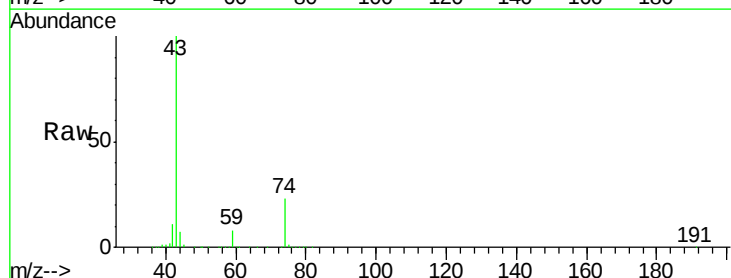
Acq: 11 Jul 2018 23:56

Tgt Ion: 43 Resp: 112726

Ion Ratio Lower Upper

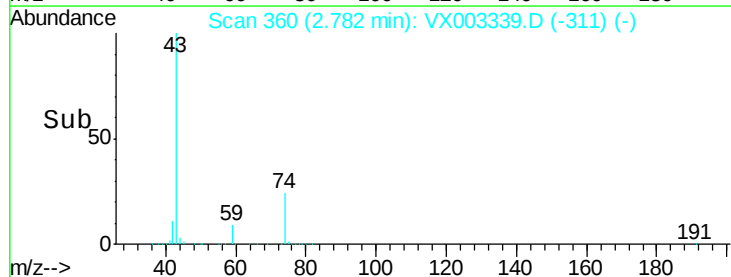
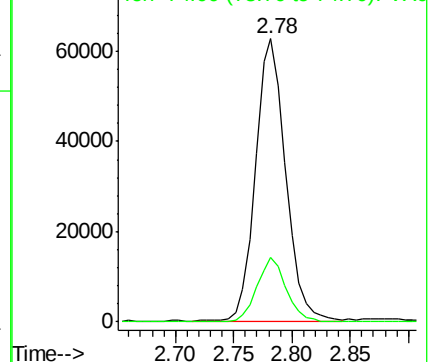
43 100

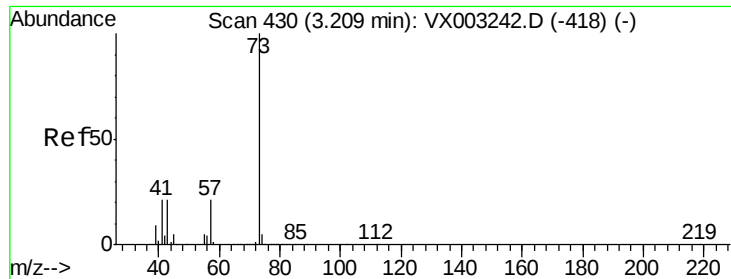
74 22.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

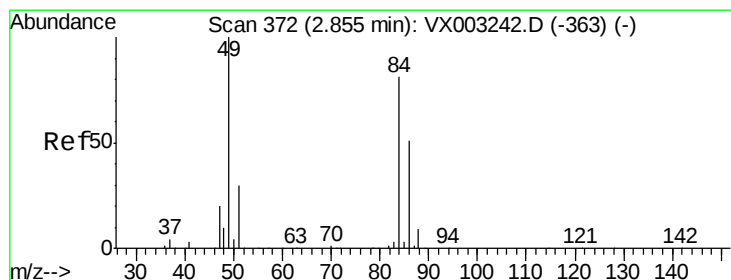
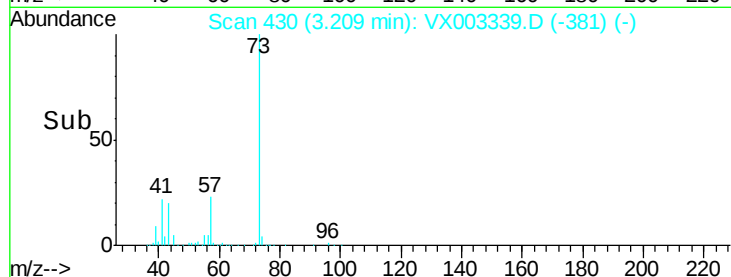
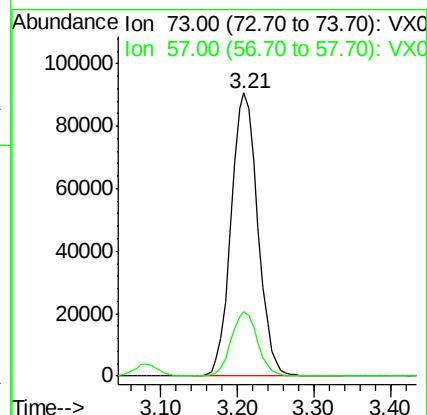
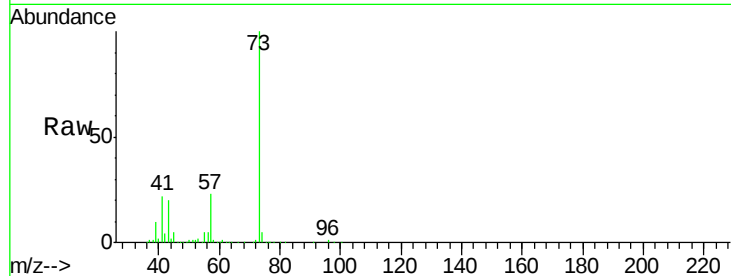




#19
Methyl tert-butyl Ether
Concen: 25.73 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

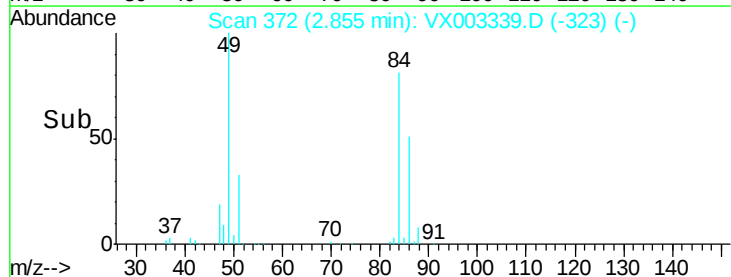
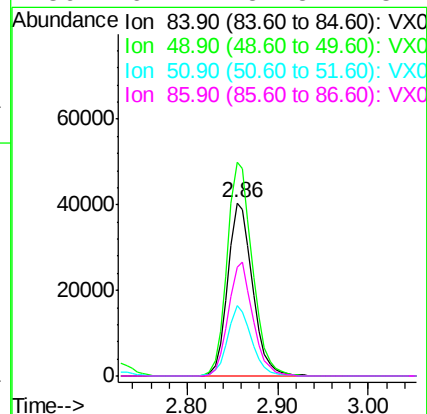
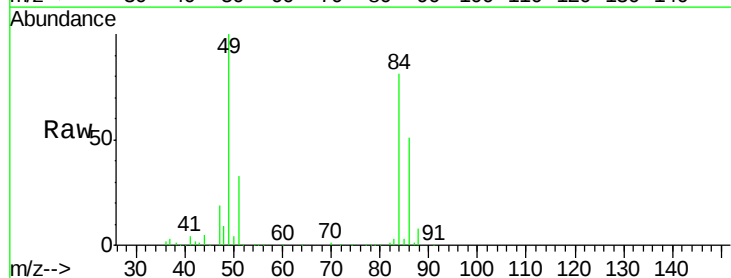
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

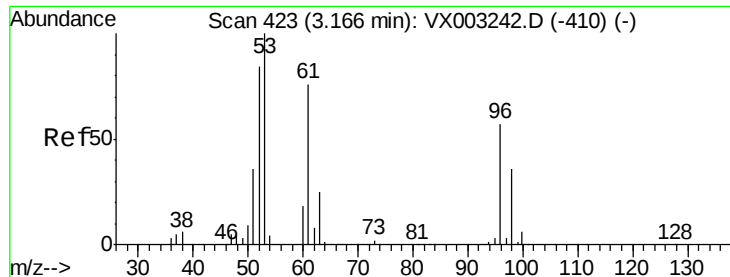
Tot Ion: 73 Resp: 218408
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#20
Methylene Chloride
Concen: 29.48 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion: 84 Resp: 77075
Ion Ratio Lower Upper
84 100
49 123.1 107.8 161.6
51 40.2 32.8 49.2
86 62.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 25.51 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

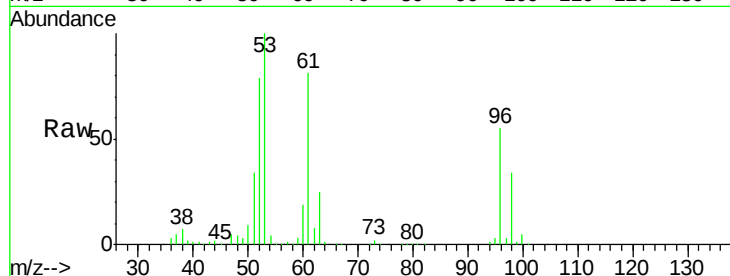
Tot Ion: 96 Resp: 69084

Ion Ratio Lower Upper

96 100

61 147.6 117.0 175.4

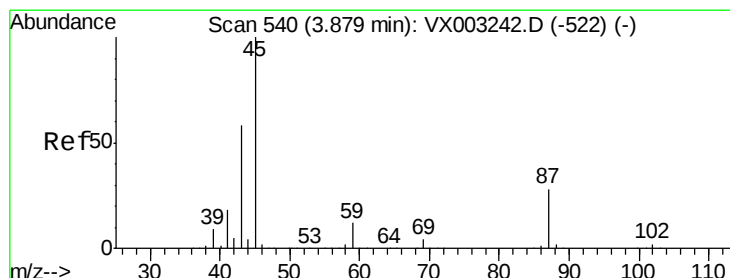
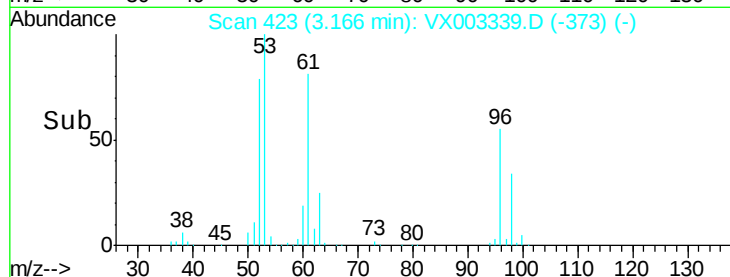
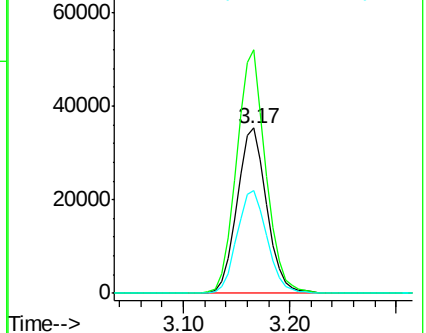
98 62.0 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.89 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Tgt Ion: 45 Resp: 209559

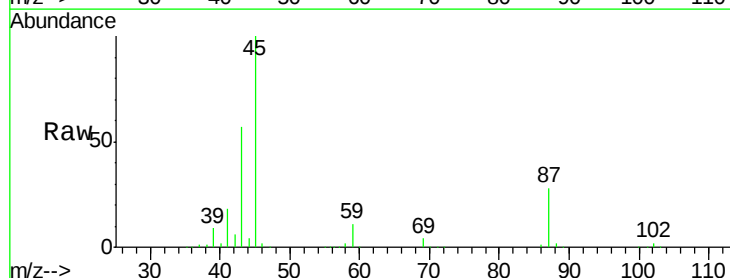
Ion Ratio Lower Upper

45 100

43 56.8 46.8 70.2

87 27.7 20.2 30.4

59 11.0 8.7 13.1

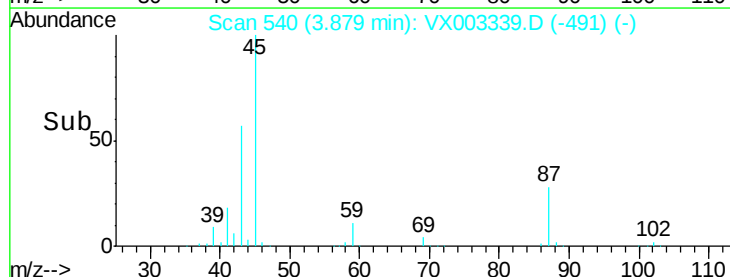
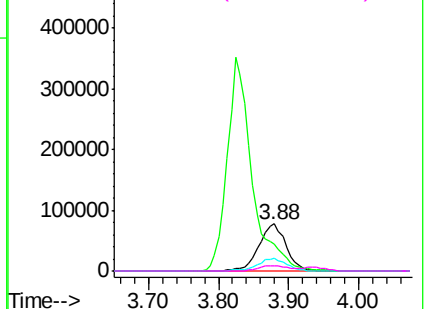


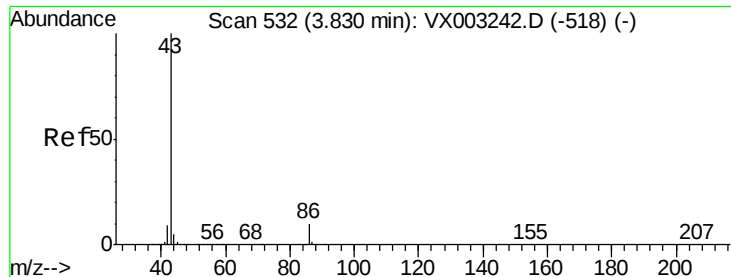
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 107.12 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

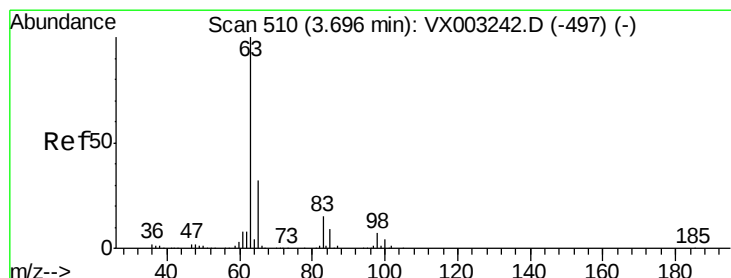
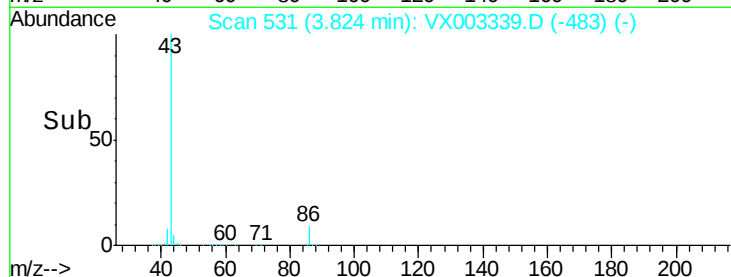
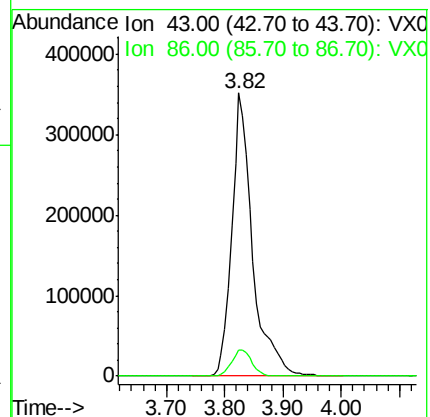
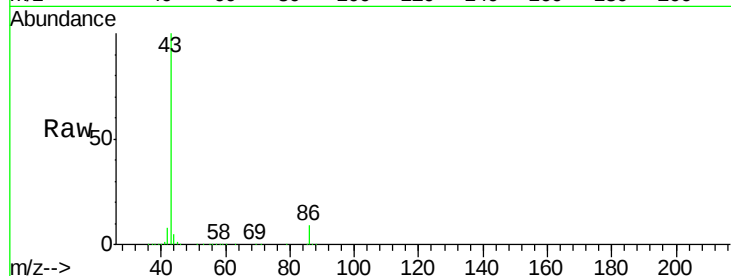
VX0711WBS02

Tot Ion: 43 Resp: 870748

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



#24

1,1-Dichloroethane

Concen: 27.07 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

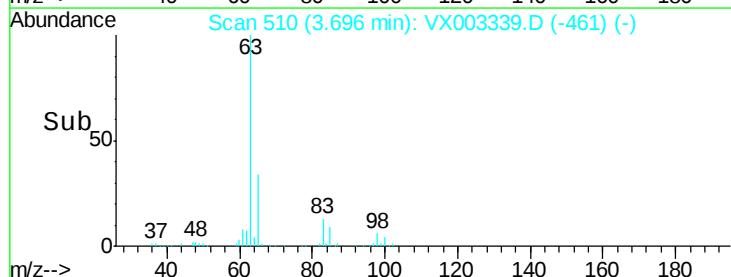
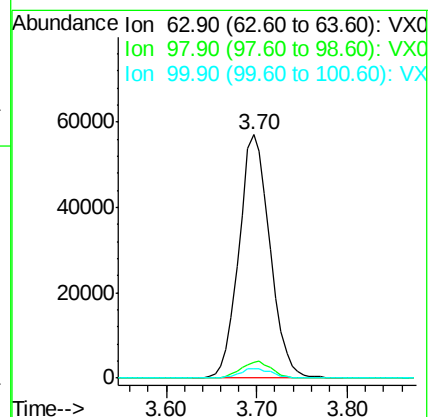
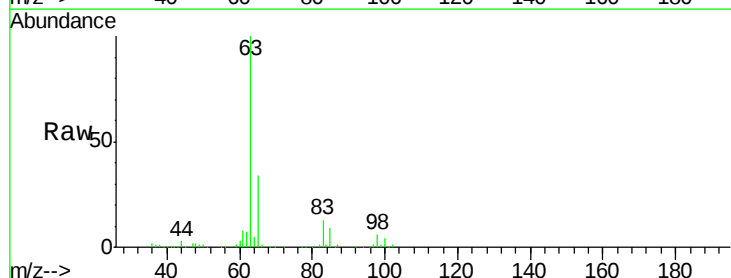
Tgt Ion: 63 Resp: 134881

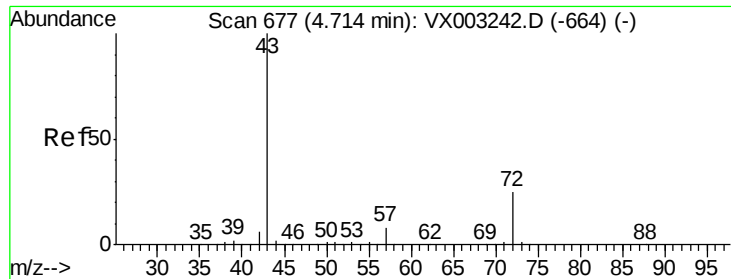
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 111.11 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

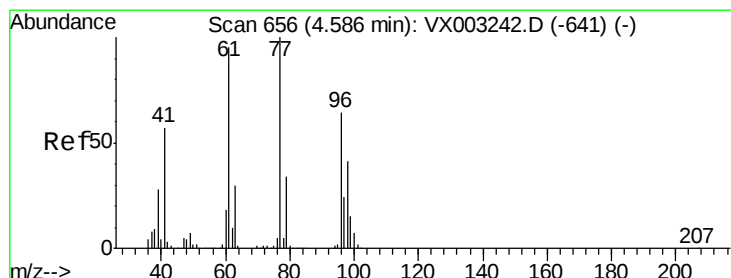
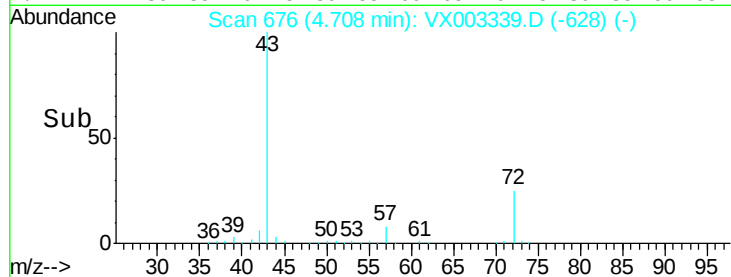
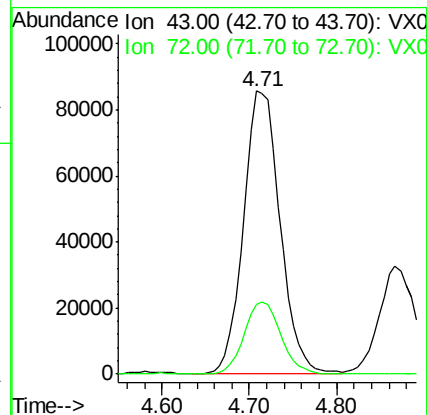
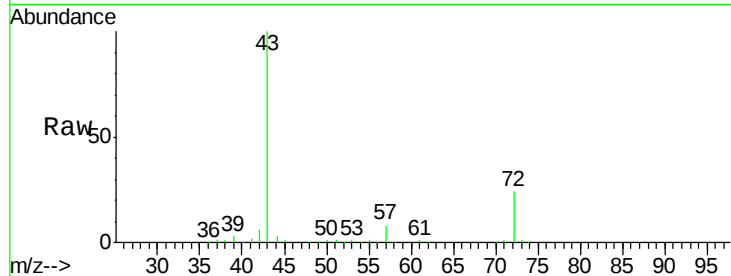
VX0711WBS02

Tot Ion: 43 Resp: 248369

Ion Ratio Lower Upper

43 100

72 24.5 18.5 27.7



#26

2,2-Dichloropropane

Concen: 15.59 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003339.D

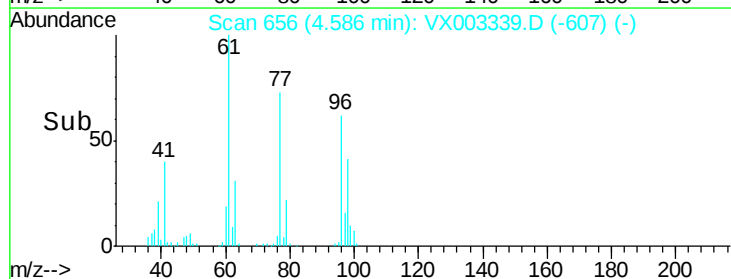
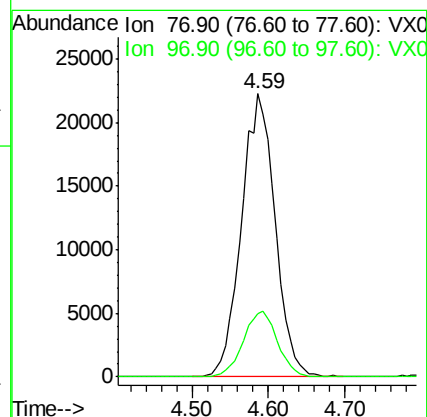
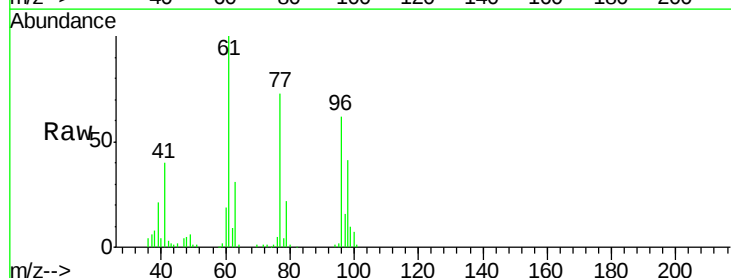
Acq: 11 Jul 2018 23:56

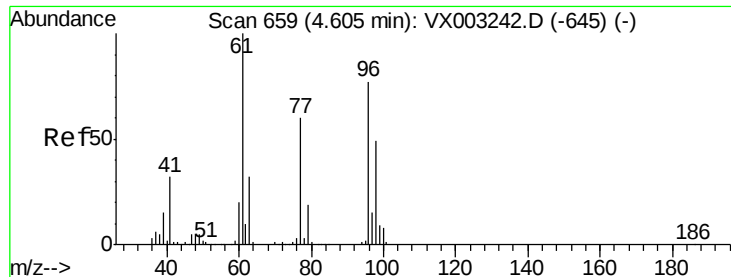
Tgt Ion: 77 Resp: 67941

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.5



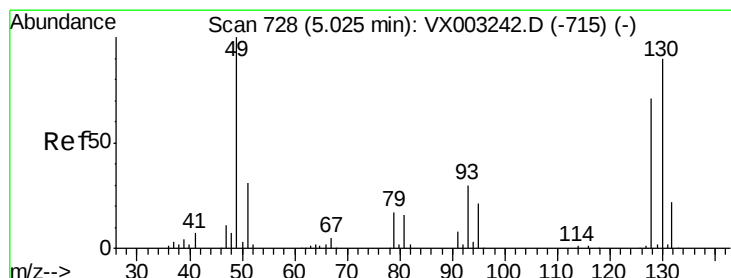
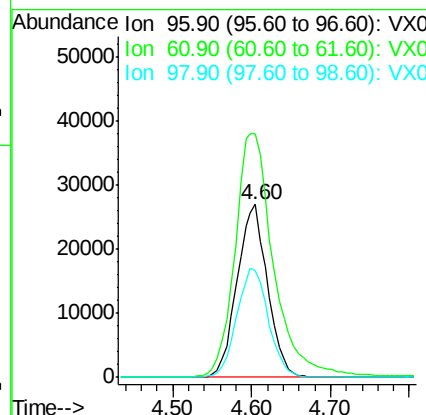
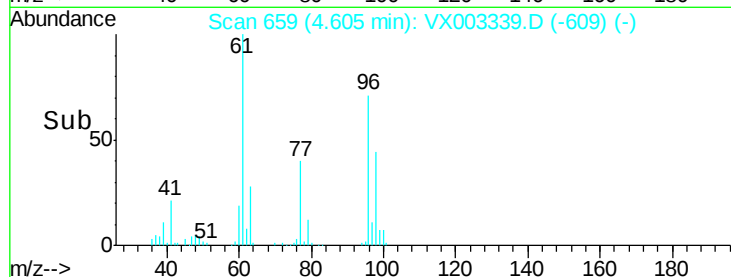
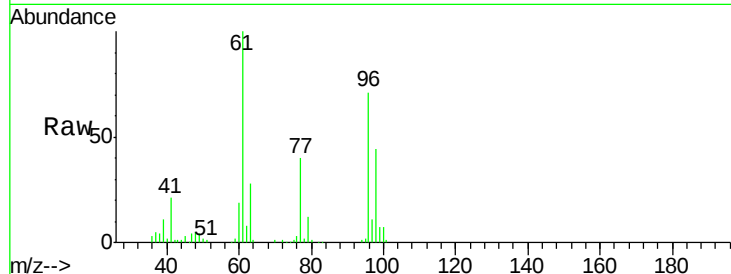


#27

cis-1,2-Dichloroethene
Concen: 21.72 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

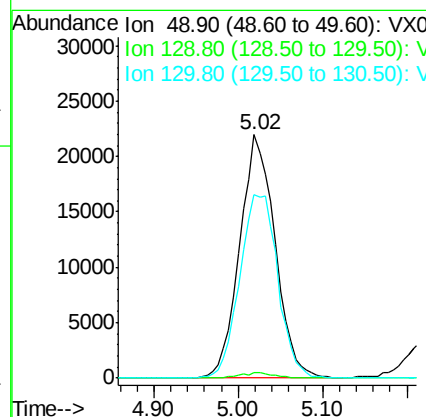
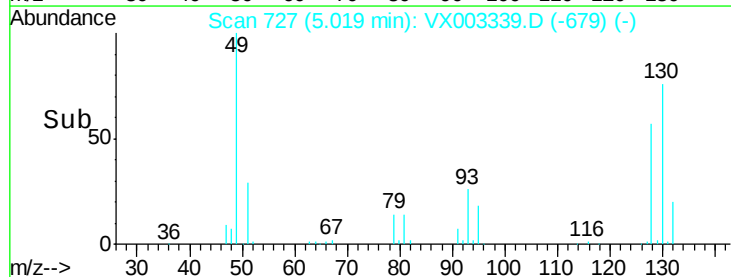
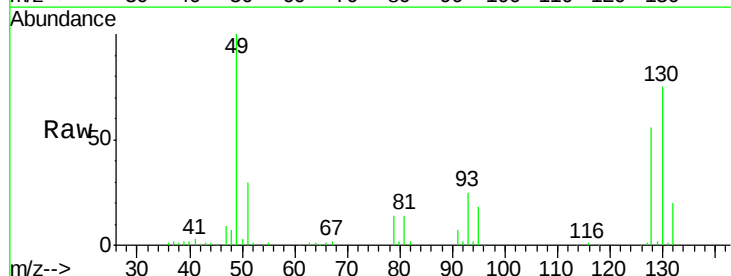
Tot Ion: 96 Resp: 72301
Ion Ratio Lower Upper
96 100
61 179.5 0.0 330.2
98 65.8 0.0 130.2

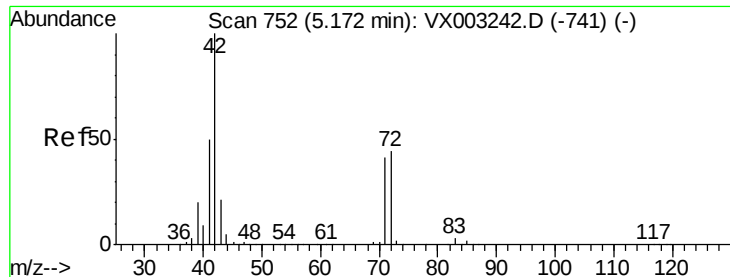


#28

Bromochloromethane
Concen: 24.83 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion: 49 Resp: 62352
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 81.2 61.2 91.8





#29

Tetrahydrofuran

Concen: 108.02 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

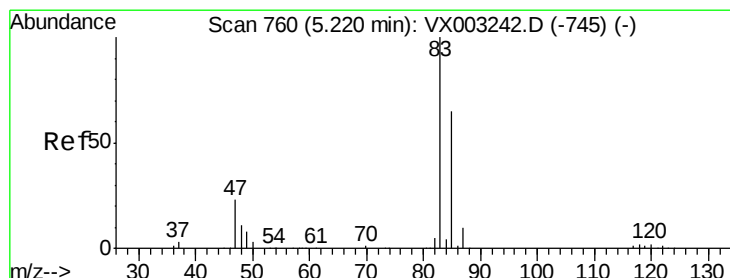
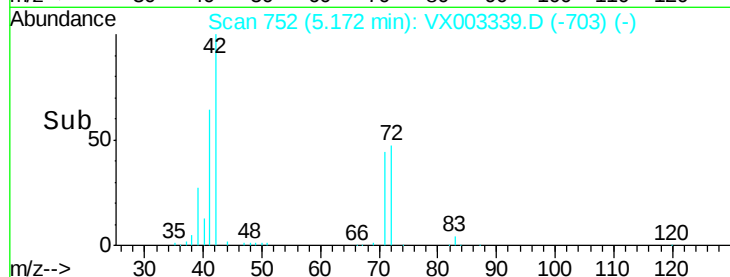
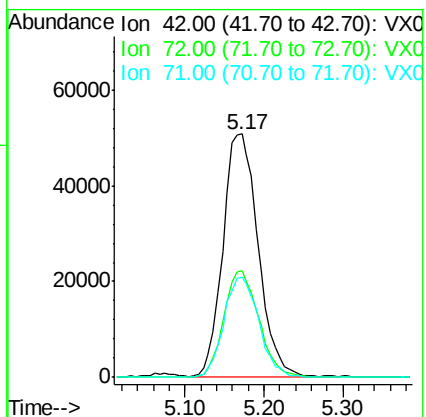
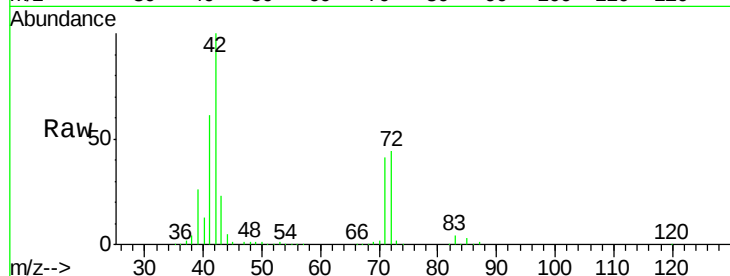
Tot Ion: 42 Resp: 156723

Ion Ratio Lower Upper

42 100

72 43.8 32.0 48.0

71 41.3 30.1 45.1



#30

Chloroform

Concen: 21.94 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003339.D

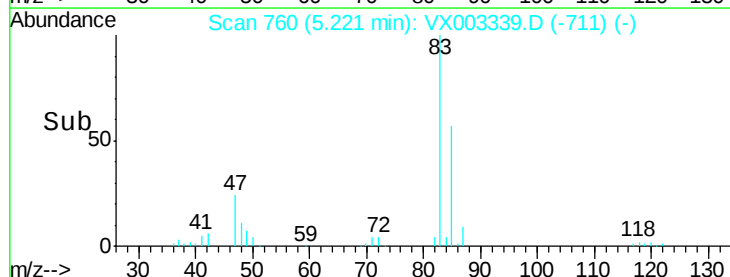
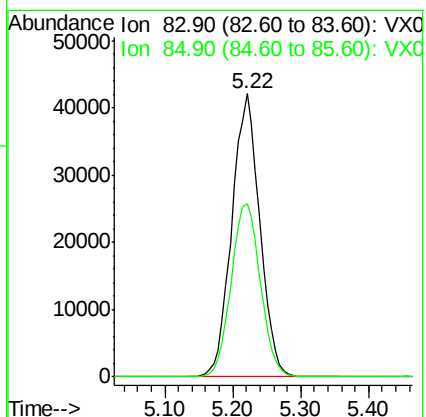
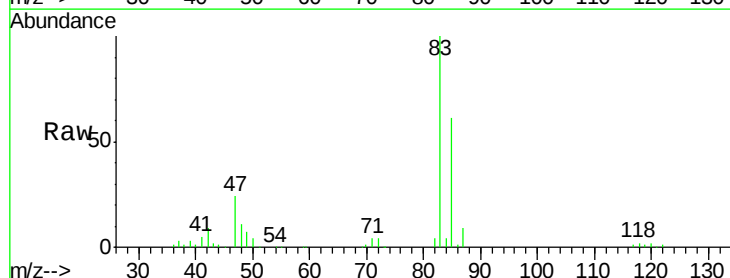
Acq: 11 Jul 2018 23:56

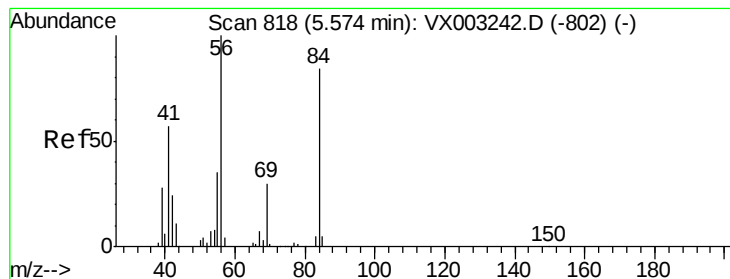
Tgt Ion: 83 Resp: 120291

Ion Ratio Lower Upper

83 100

85 61.3 50.4 75.6





#31

Cyclohexane

Concen: 20.81 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

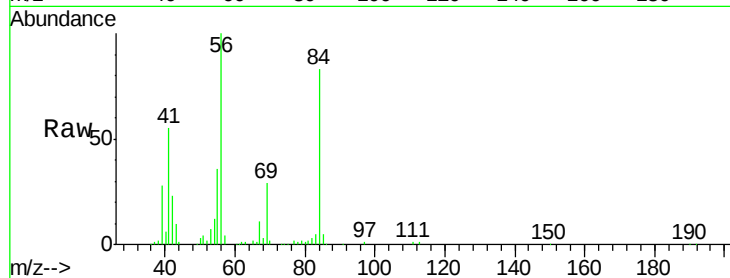
Tot Ion: 56 Resp: 97094

Ion Ratio Lower Upper

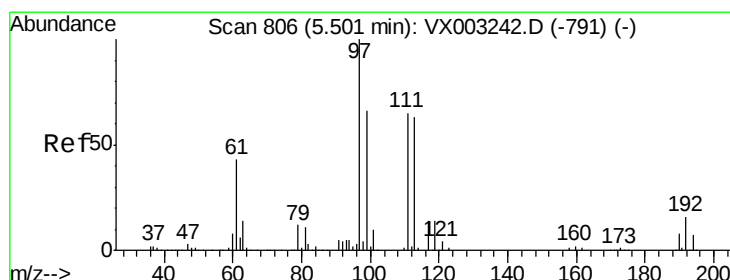
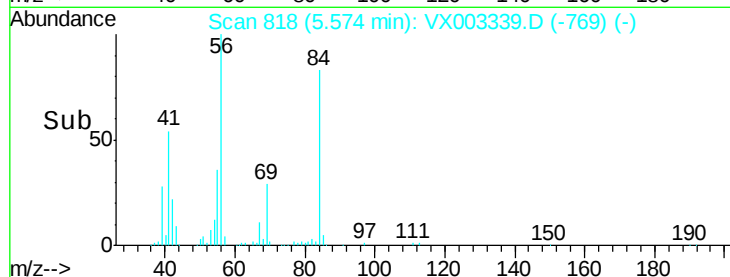
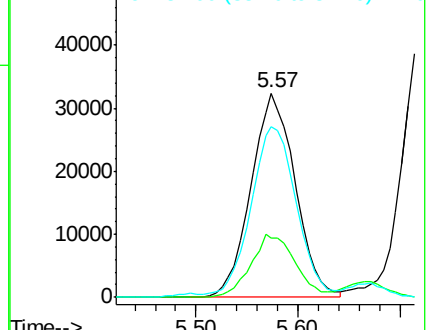
56 100

69 28.8 23.7 35.5

84 81.4 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.18 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

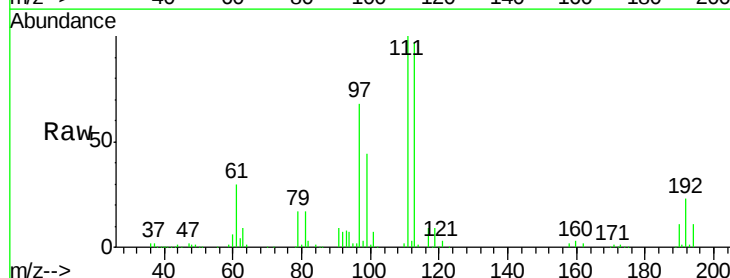
Tgt Ion: 97 Resp: 97590

Ion Ratio Lower Upper

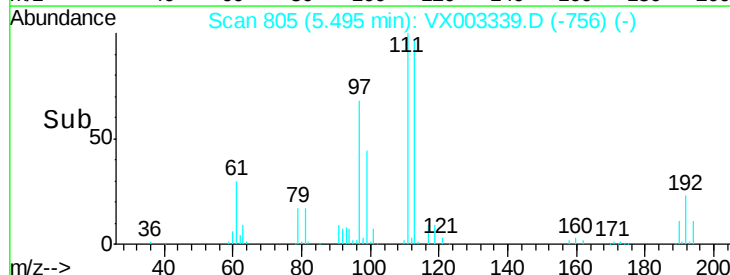
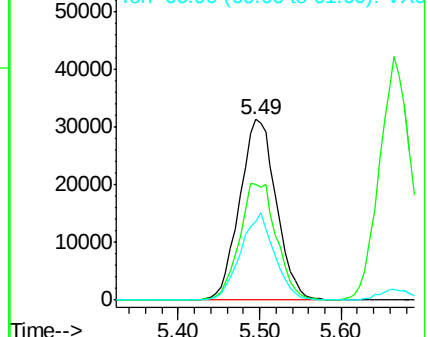
97 100

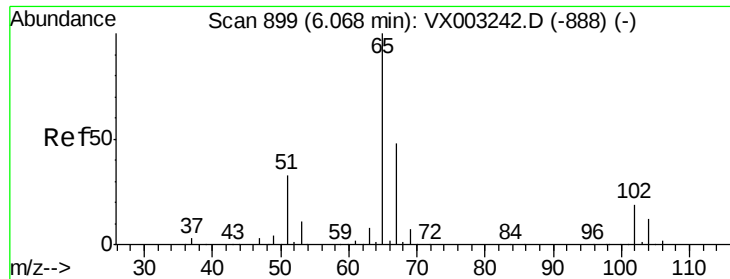
99 65.2 51.6 77.4

61 44.9 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

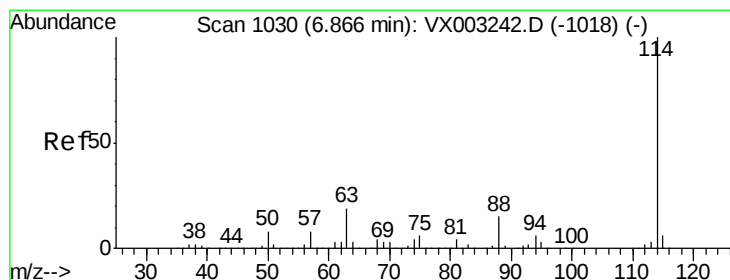
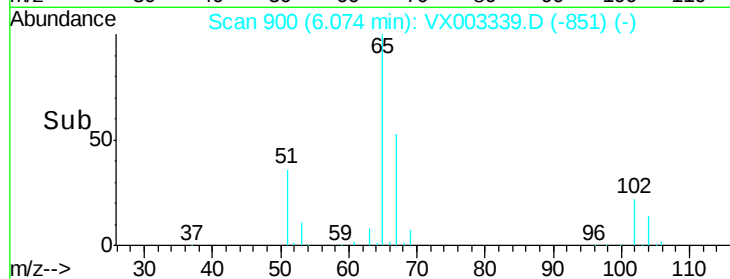
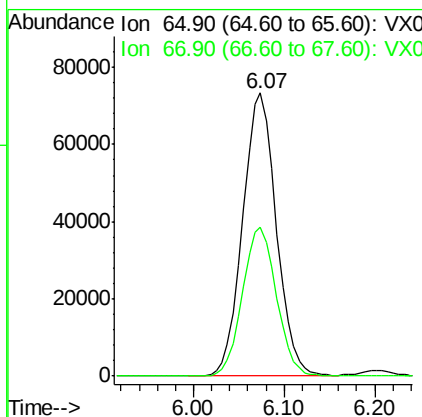
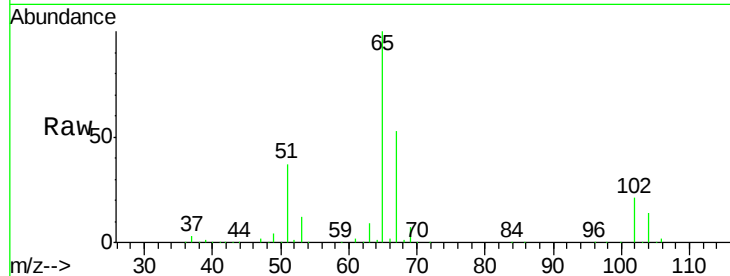




#33
 1,2-Dichloroethane-d4
 Concen: 52.98 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

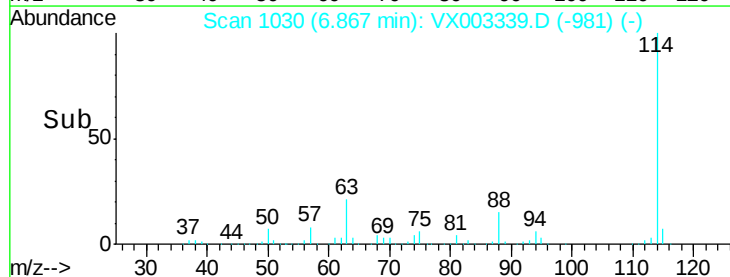
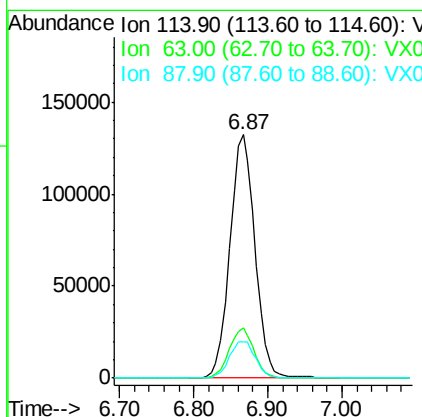
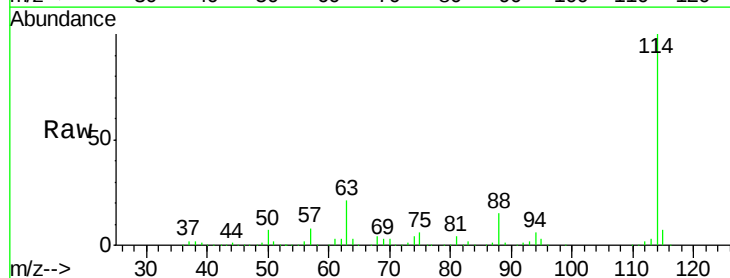
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

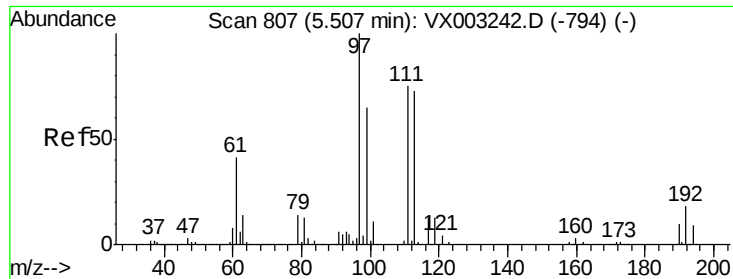
Tot Ion: 65 Resp: 188531
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Tgt Ion: 114 Resp: 311923
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.0 0.0 30.0

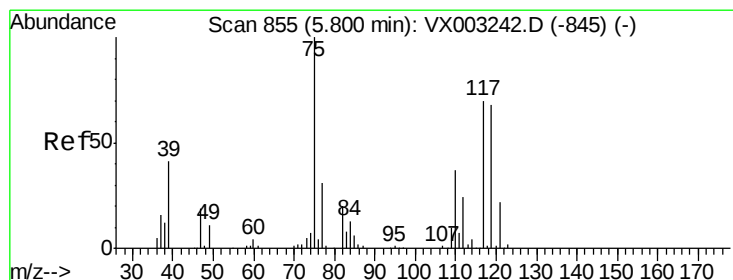
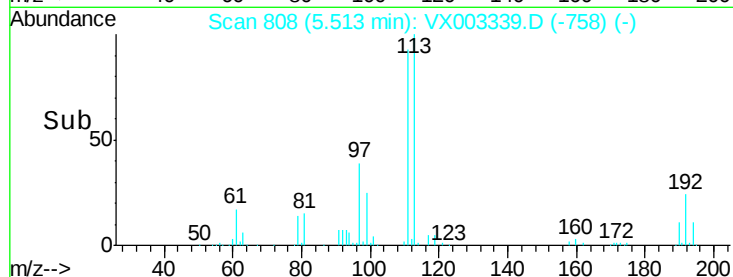
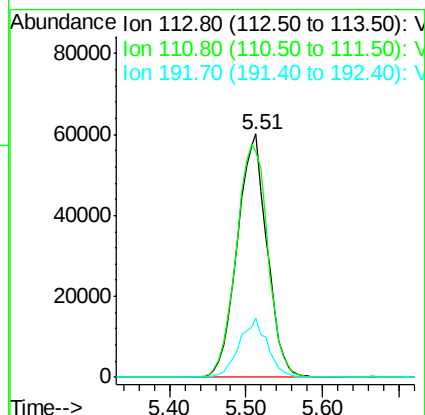
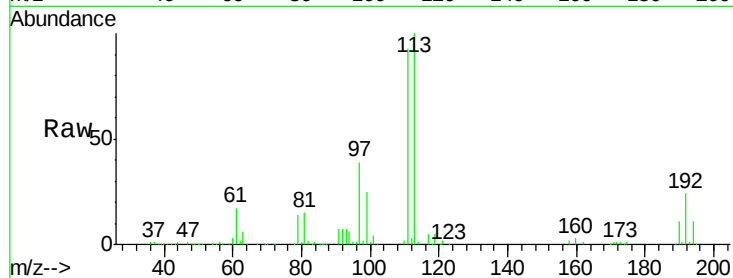




#35
 Dibromofluoromethane
 Concen: 48.49 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

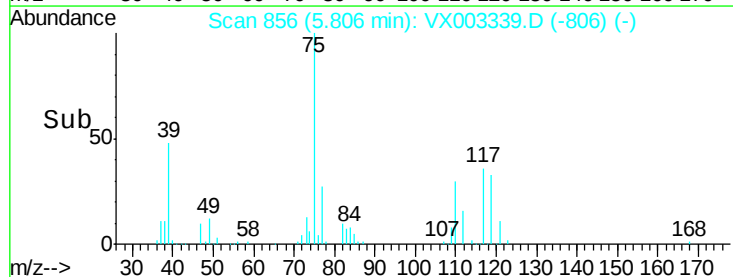
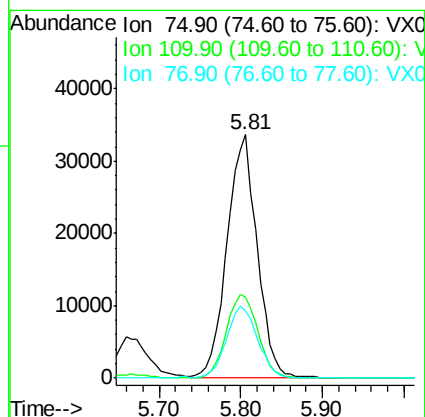
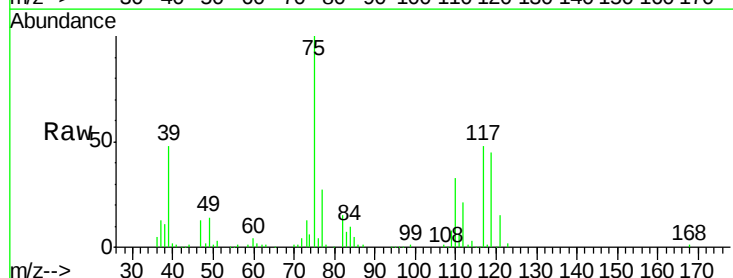
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

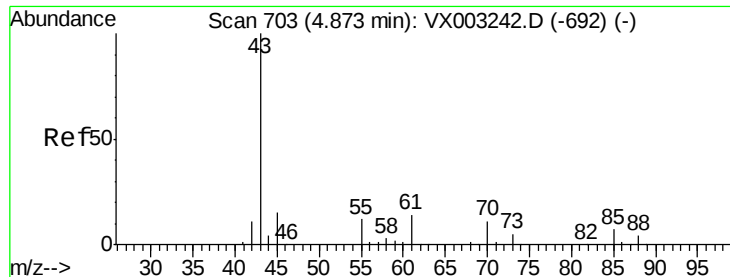
Tot Ion:113 Resp: 162479
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 23.1 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 19.31 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Tgt Ion: 75 Resp: 85244
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.1 54.4
 77 30.8 24.3 36.5

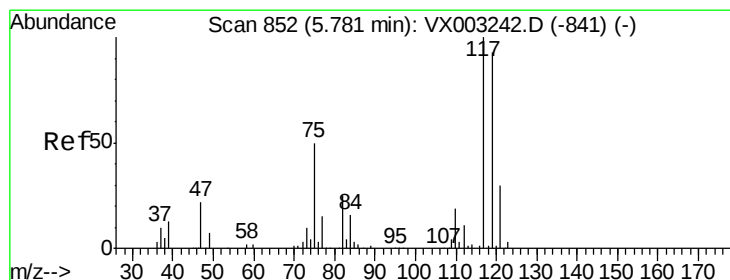
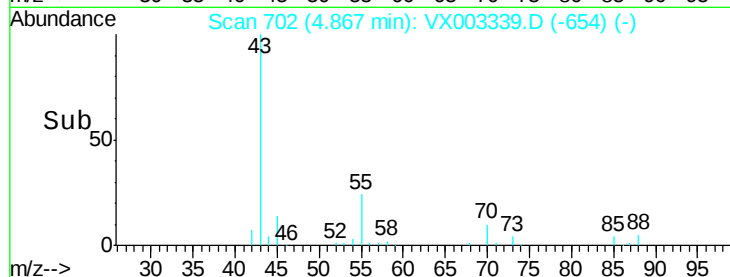
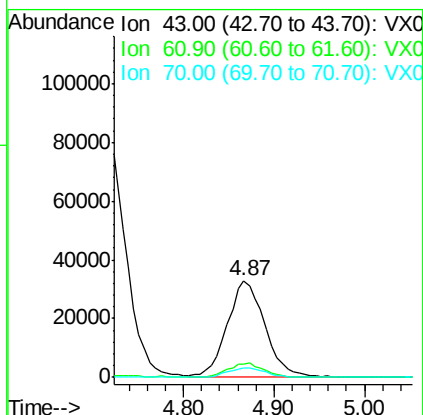
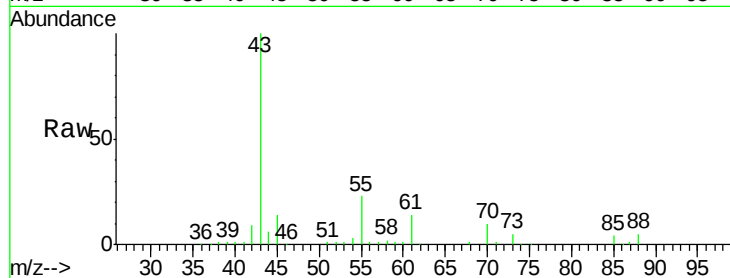




#37
Ethyl Acetate
Concen: 19.22 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

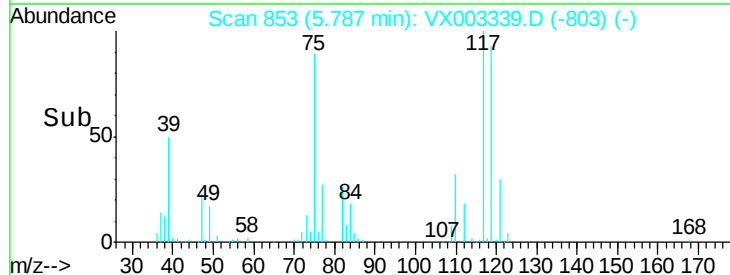
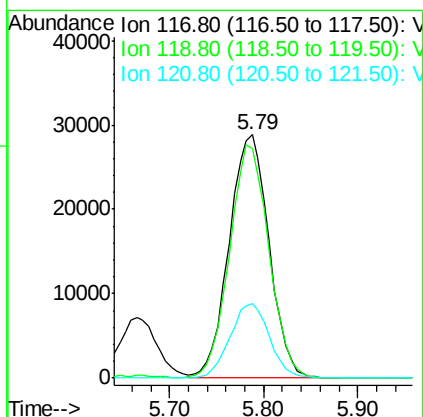
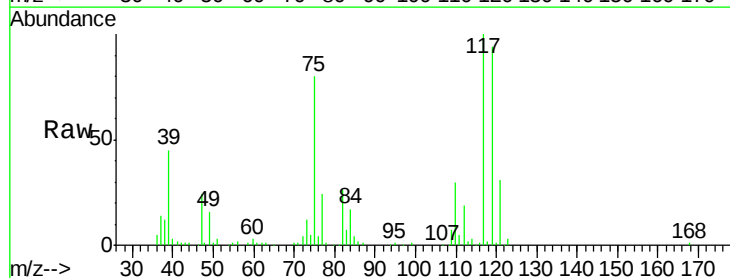
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion: 43 Resp: 93063
Ion Ratio Lower Upper
43 100
61 14.9 10.4 15.6
70 10.3 7.6 11.4



#38
Carbon Tetrachloride
Concen: 17.64 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion: 117 Resp: 85184
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.0
121 30.5 24.4 36.6

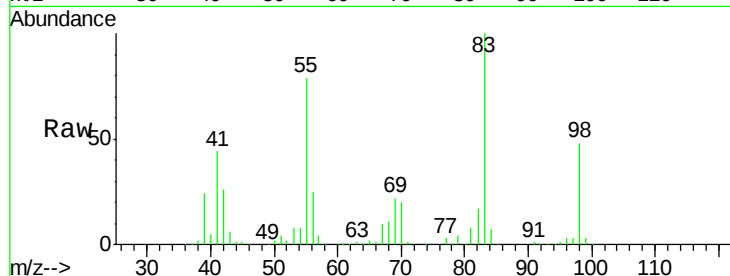




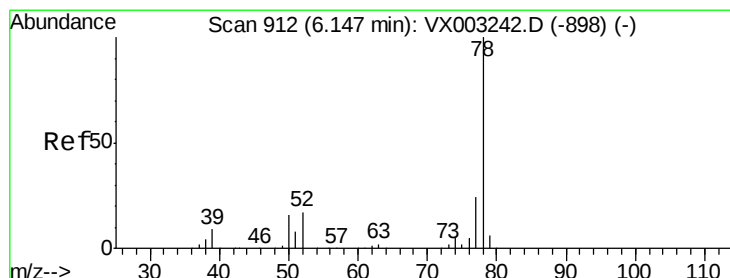
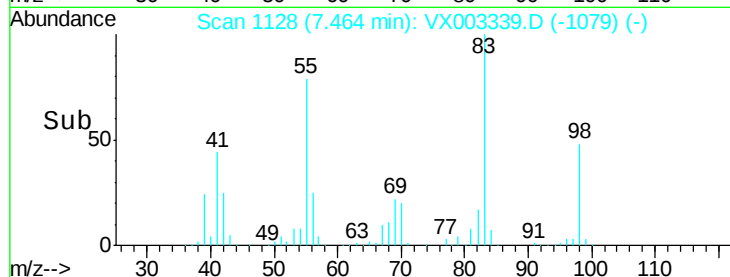
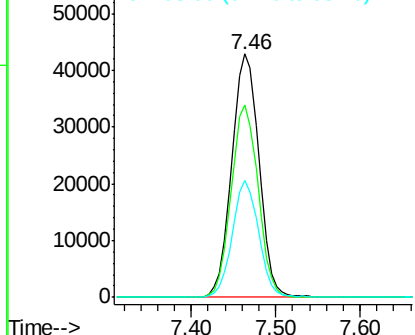
#39
Methvlcvclohexane
Concen: 18.01 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion: 83 Resp: 93680
Ion Ratio Lower Upper
83 100
55 79.2 65.4 98.0
98 48.0 37.4 56.0

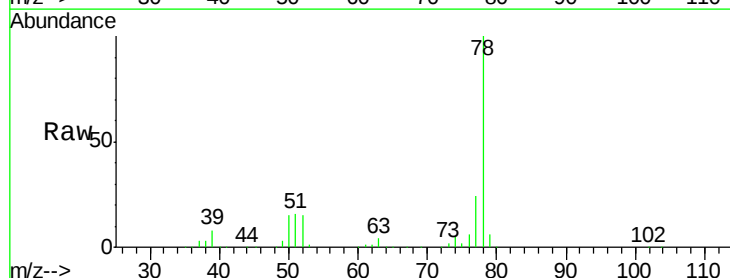


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

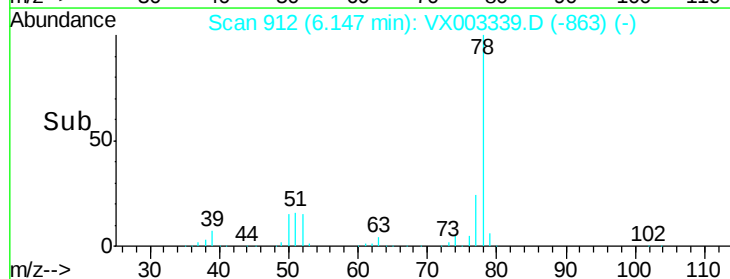
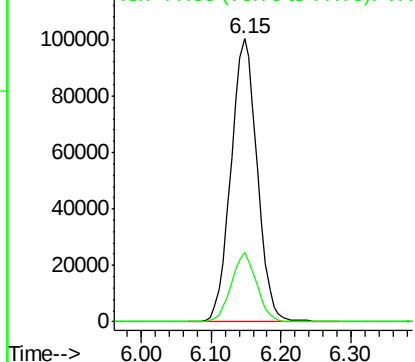


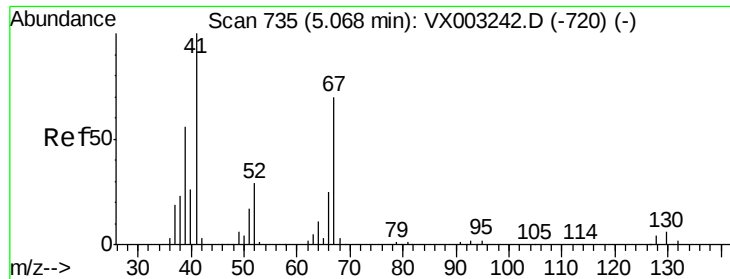
#40
Benzene
Concen: 20.02 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion: 78 Resp: 261997
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

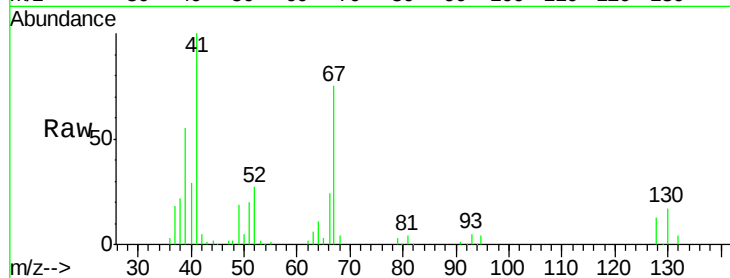




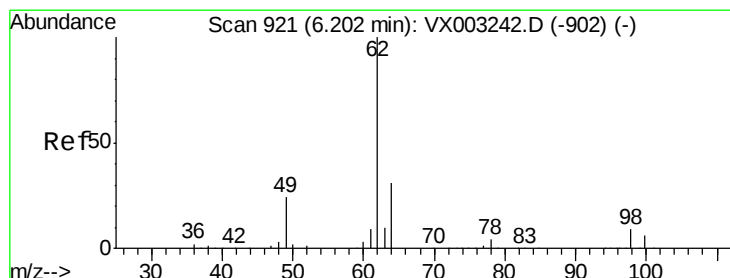
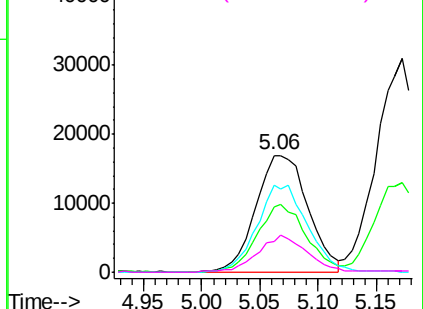
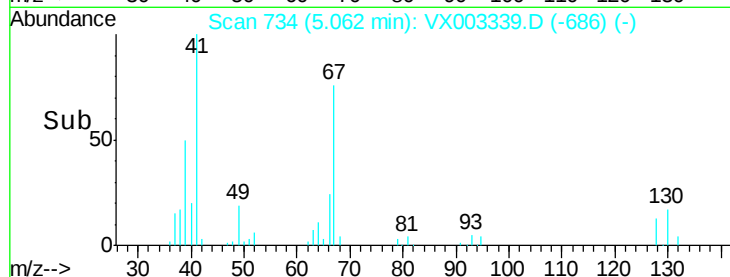
#41
Methacrylonitrile
Concen: 19.84 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion:	41	Resp:	52567
Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.8	68.6
67	72.6	51.3	76.9
52	30.1	23.0	34.6

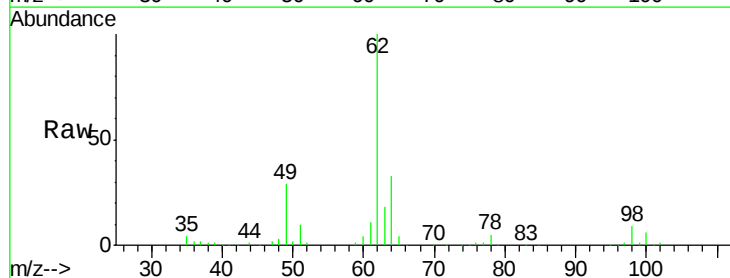


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

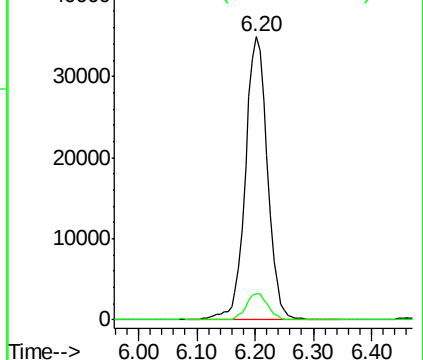
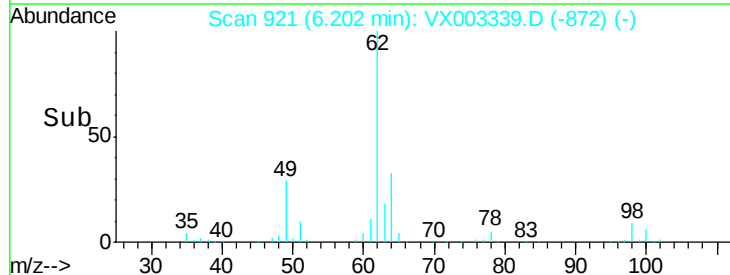


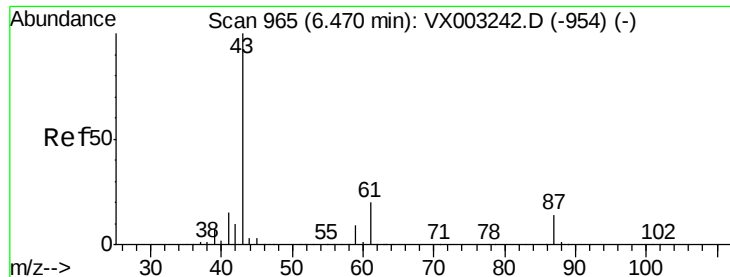
#42
1,2-Dichloroethane
Concen: 18.75 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion:	62	Resp:	91647
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



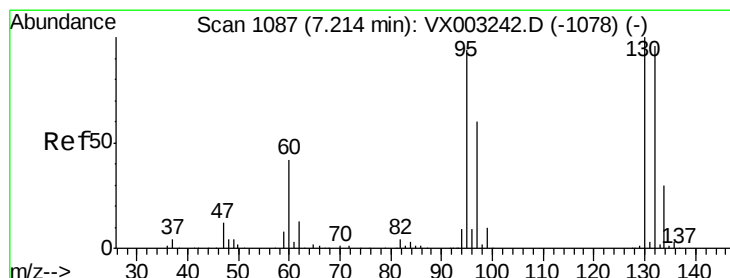
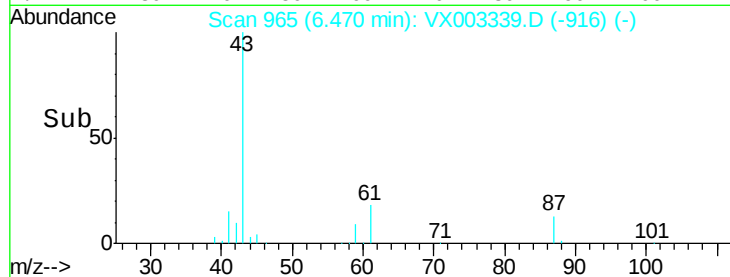
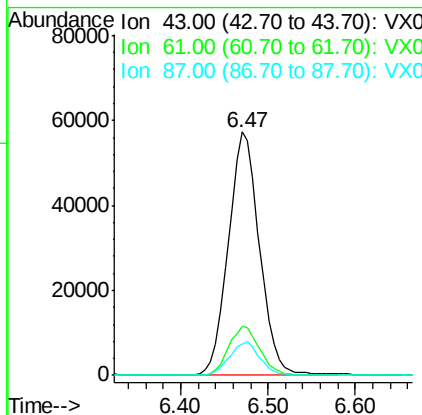
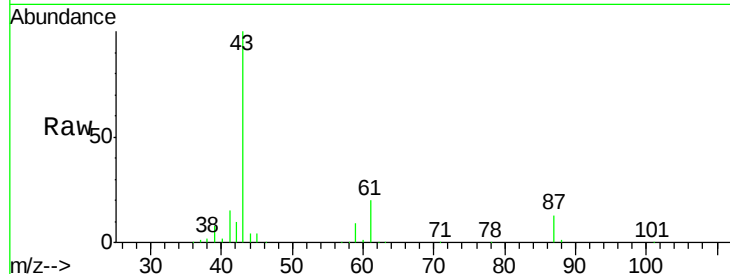


#43

Isopropyl Acetate
 Concen: 18.62 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

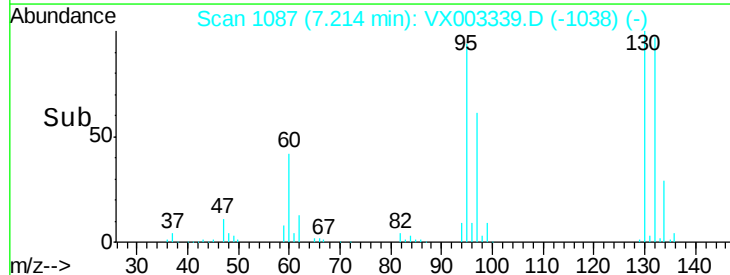
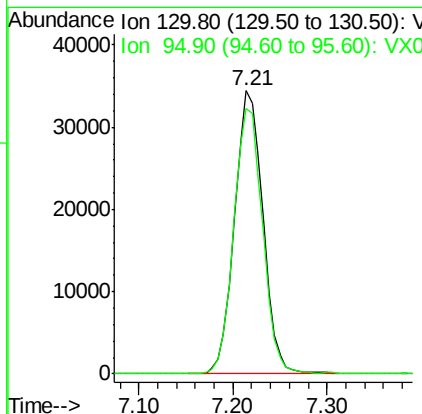
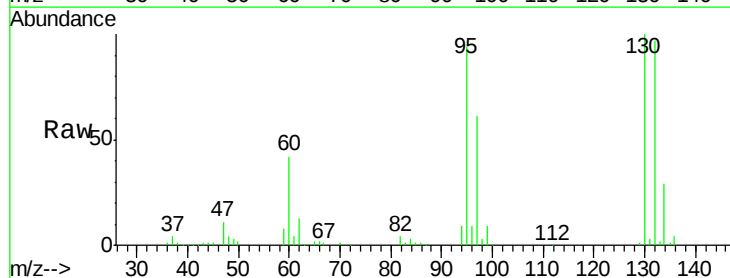
Tot Ion: 43 Resp: 141570
 Ion Ratio Lower Upper
 43 100
 61 20.2 14.4 21.6
 87 13.4 9.5 14.3

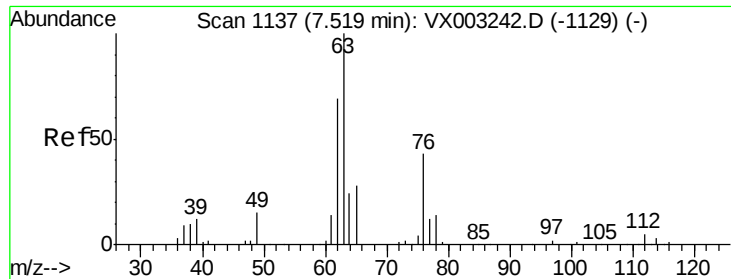


#44

Trichloroethene
 Concen: 18.72 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Tgt Ion: 130 Resp: 72447
 Ion Ratio Lower Upper
 130 100
 95 93.7 0.0 185.4





#45

1,2-Dichloropropane

Concen: 19.93 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

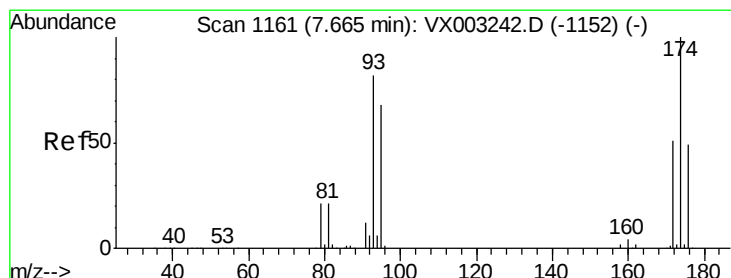
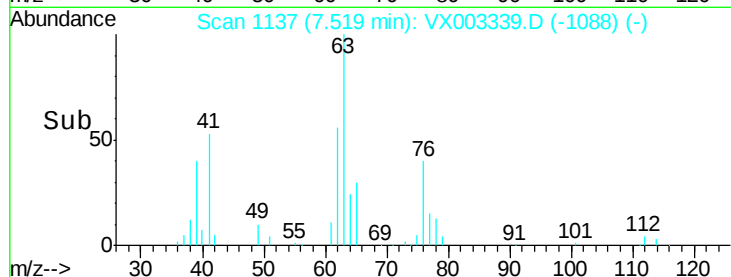
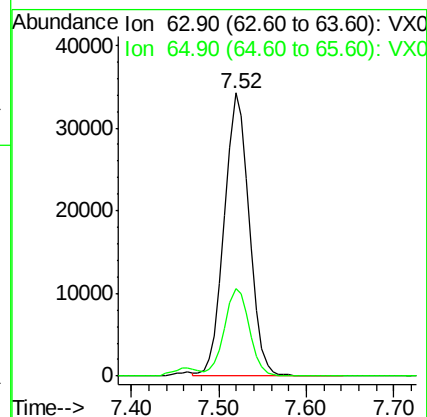
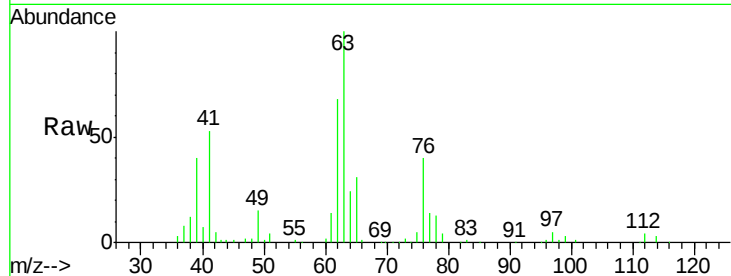
VX0711WBS02

Tot Ion: 63 Resp: 67813

Ion Ratio Lower Upper

63 100

65 30.7 24.7 37.1



#46

Dibromomethane

Concen: 18.94 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

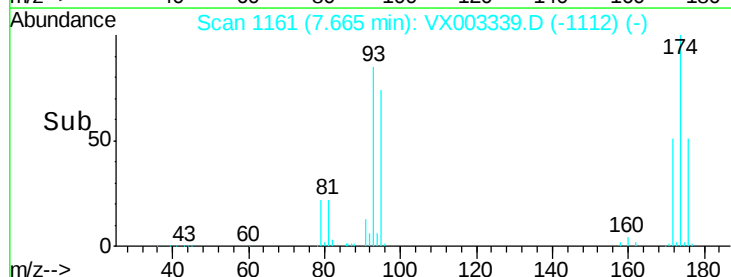
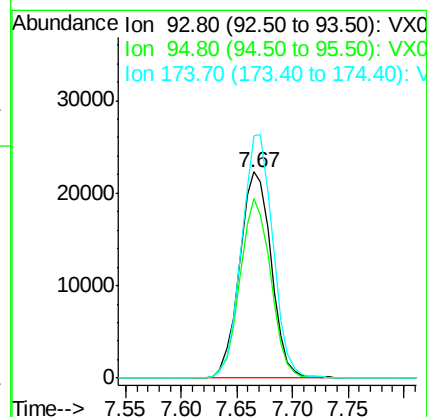
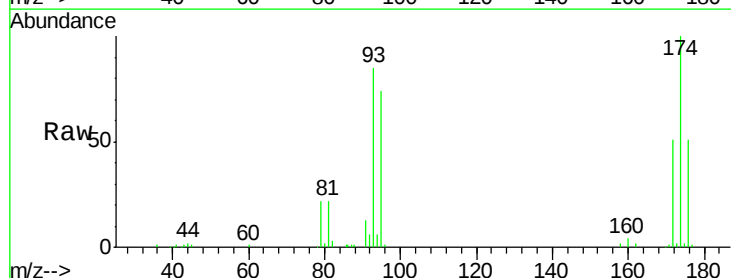
Tgt Ion: 93 Resp: 43919

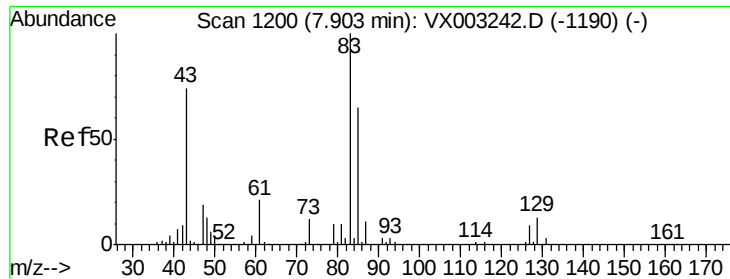
Ion Ratio Lower Upper

93 100

95 84.8 65.9 98.9

174 116.7 92.4 138.6





#47

Bromodichloromethane

Concen: 18.93 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

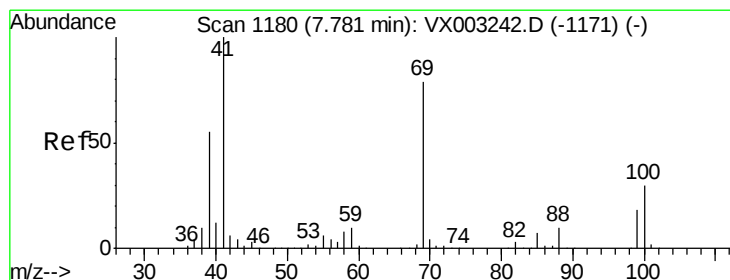
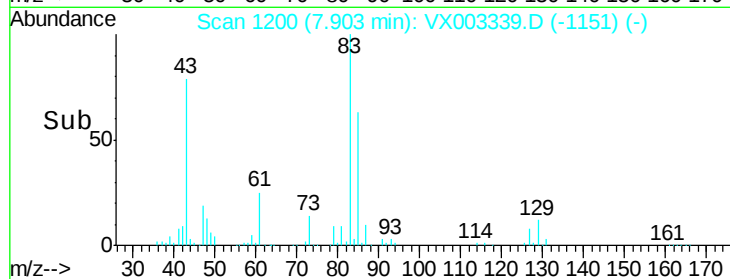
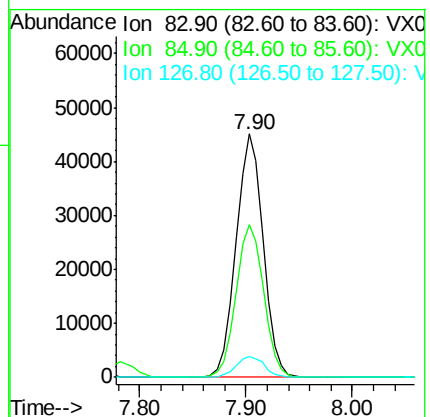
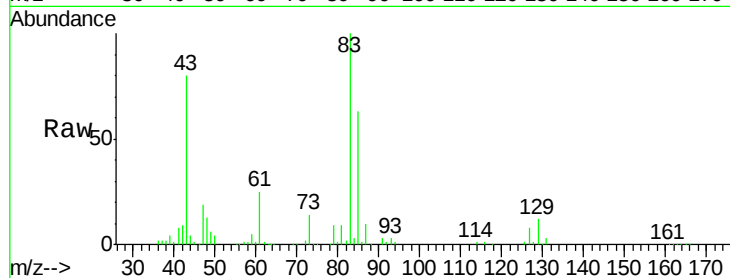
Tot Ion: 83 Resp: 80977

Ion Ratio Lower Upper

83 100

85 62.8 50.3 75.5

127 8.4 7.0 10.4



#48

Methyl methacrylate

Concen: 18.84 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

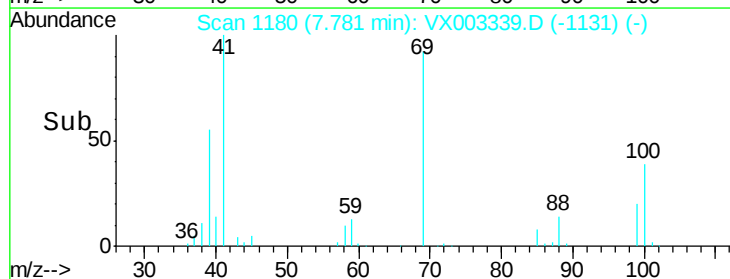
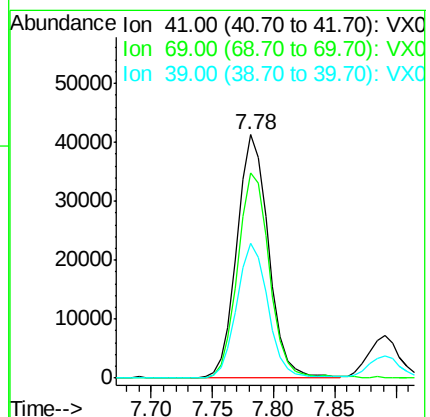
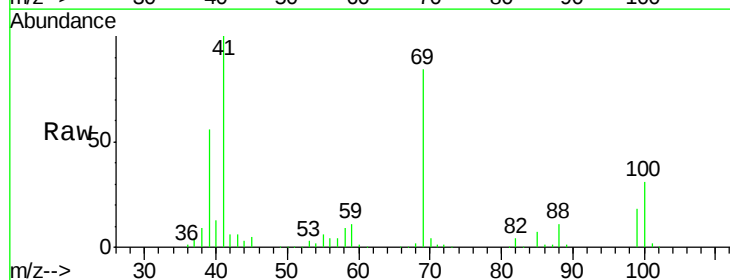
Tgt Ion: 41 Resp: 73456

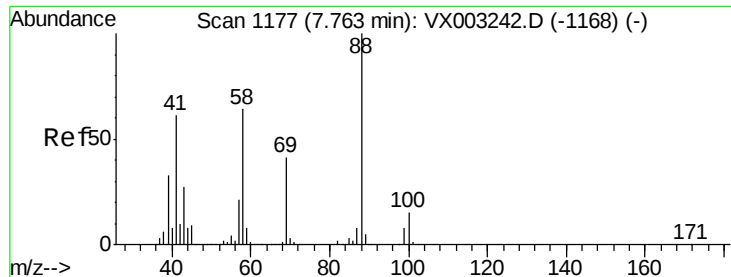
Ion Ratio Lower Upper

41 100

69 85.6 59.1 88.7

39 54.8 48.9 73.3



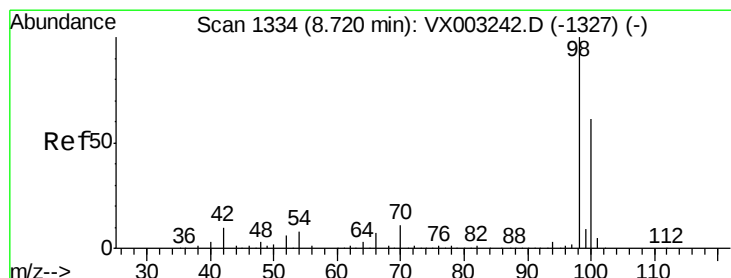
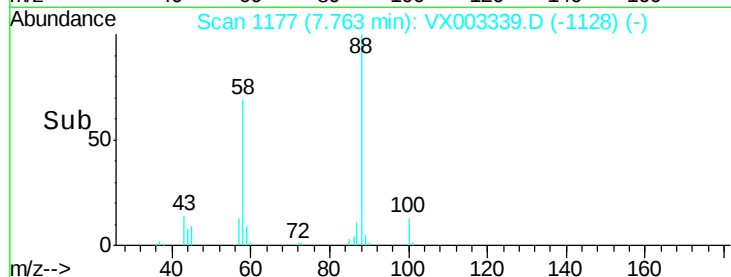
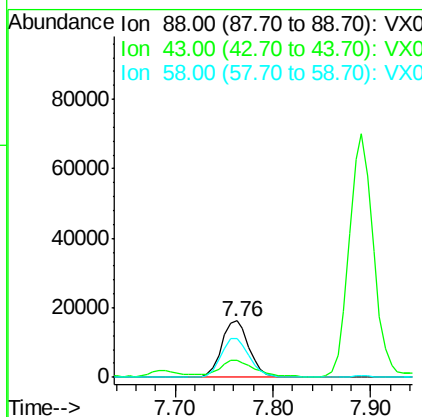
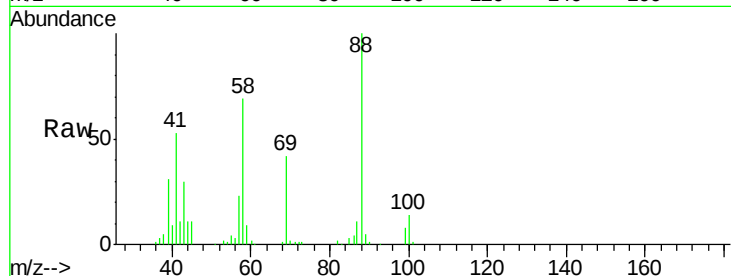


#49
 1,4-Dioxane
 Concen: 387.44 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Tot Ion: 88 Resp: 31583

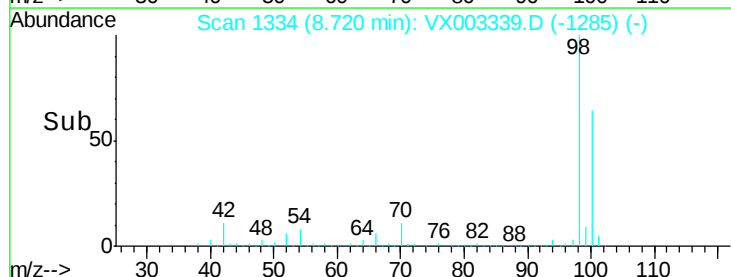
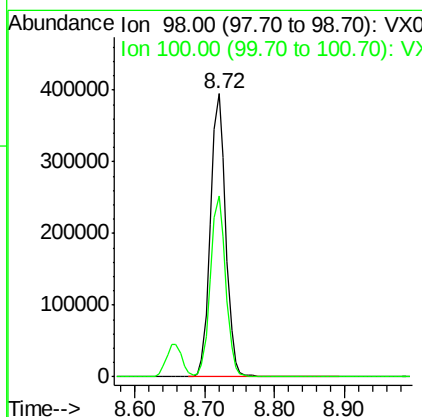
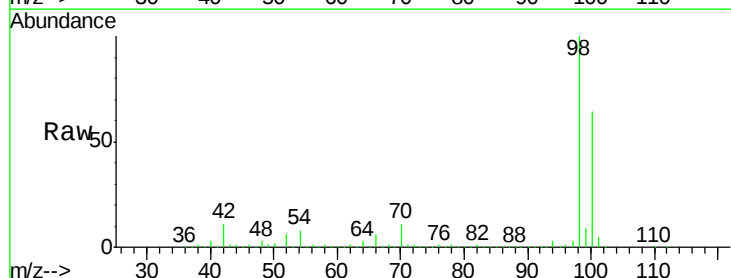
Ion	Ratio	Lower	Upper
88	100		
43	34.4	29.8	44.6
58	72.3	57.1	85.7



#50
 Toluene-d8
 Concen: 50.50 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Tgt Ion: 98 Resp: 601124

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.9	76.3

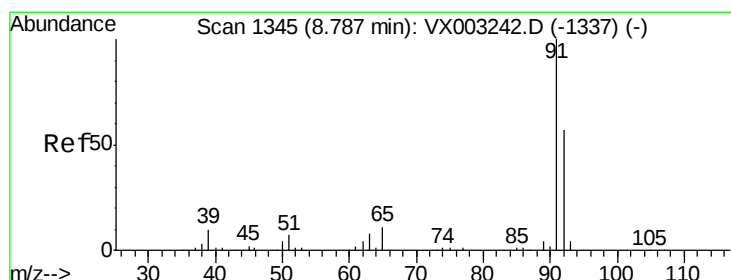
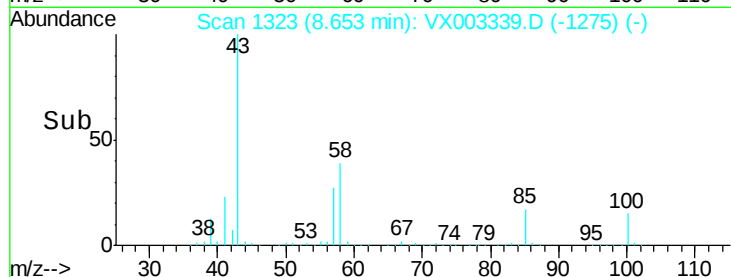
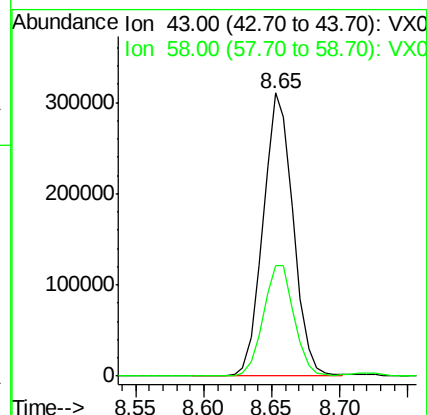
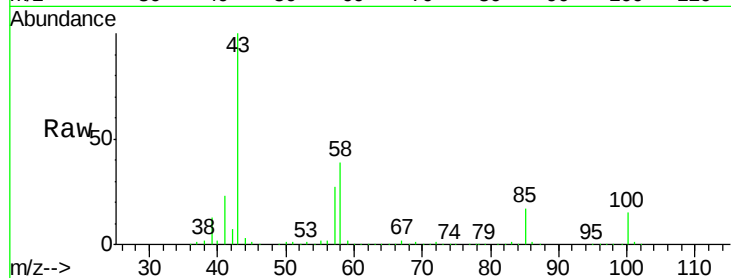




#51
4-Methyl-2-Pentanone
Concen: 101.84 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

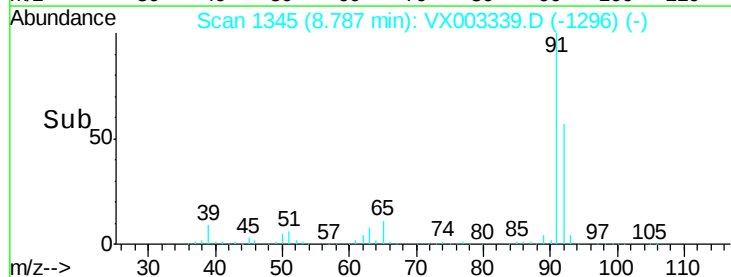
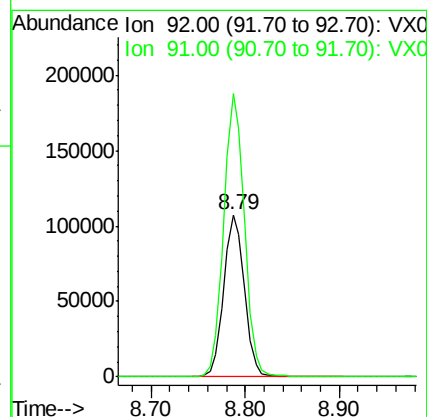
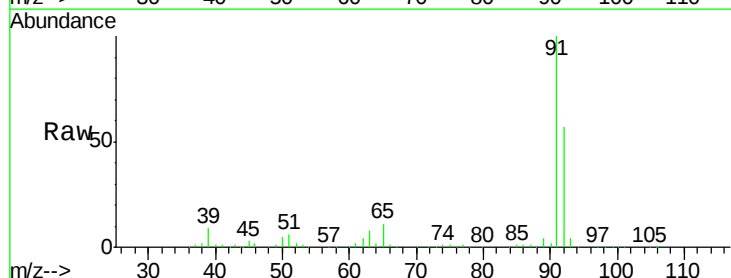
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

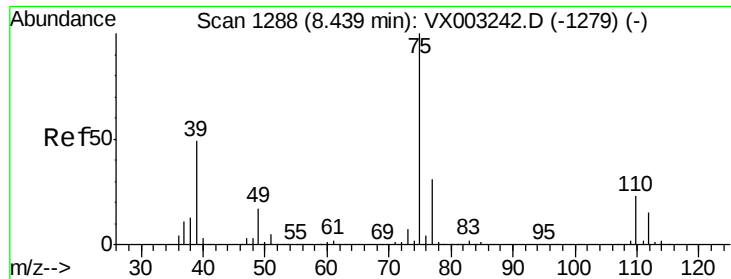
Tot Ion: 43 Resp: 481970
Ion Ratio Lower Upper
43 100
58 39.9 28.6 42.8



#52
Toluene
Concen: 19.76 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion: 92 Resp: 163484
Ion Ratio Lower Upper
92 100
91 175.3 140.4 210.6

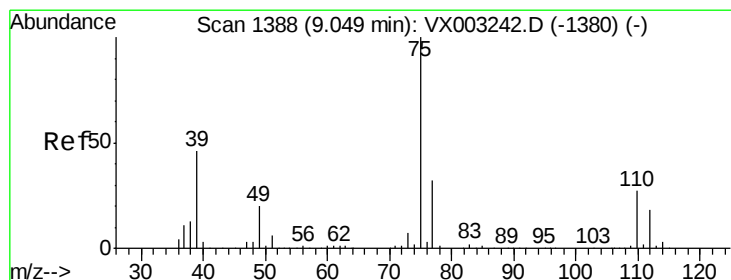
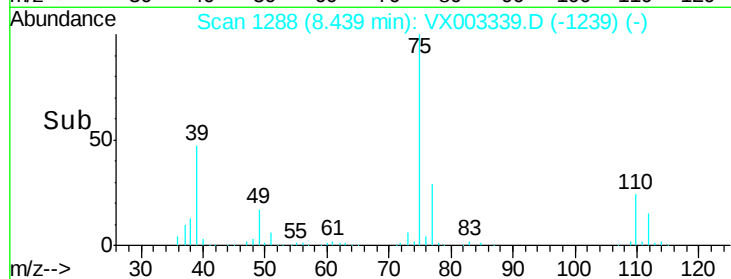
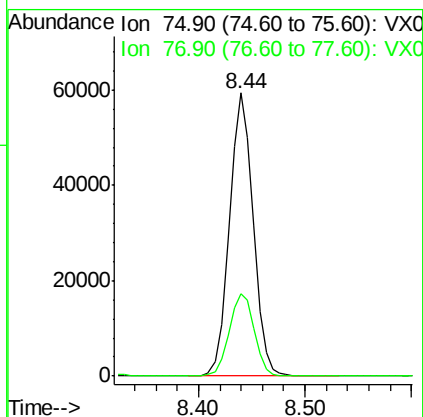
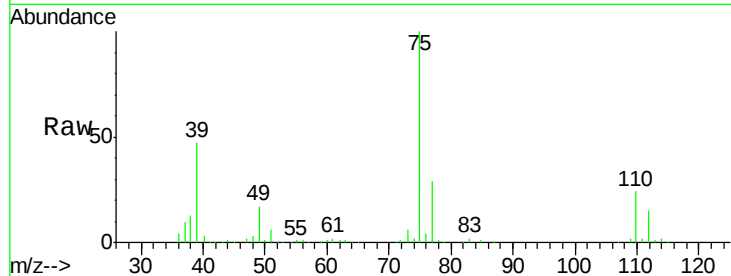




#53
t-1,3-Dichloropropene
Concen: 18.47 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

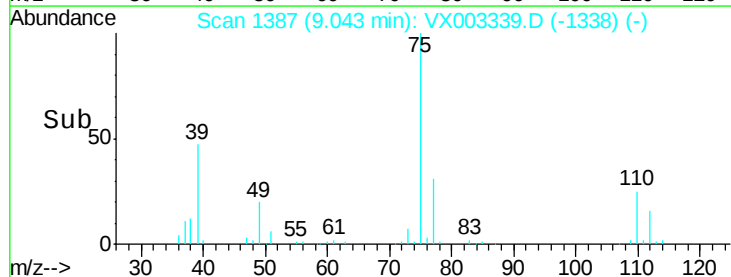
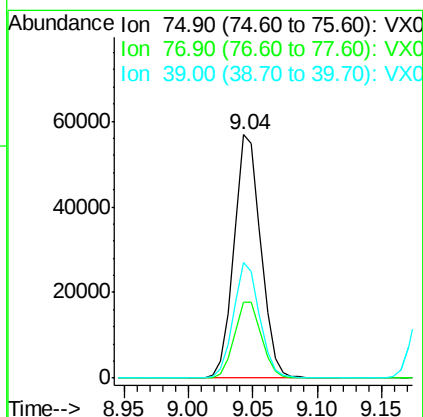
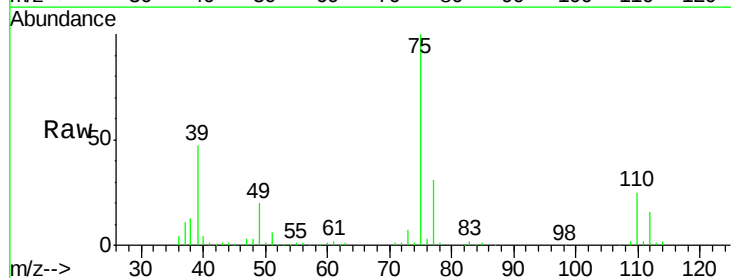
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

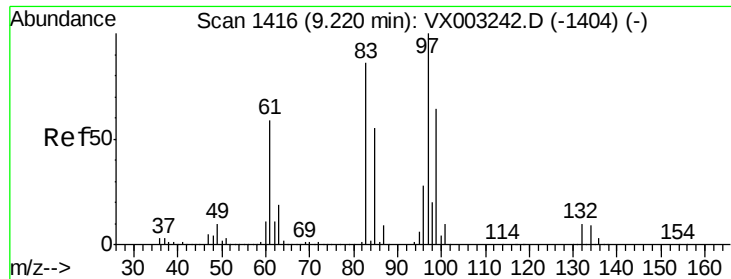
Tot Ion: 75 Resp: 92966
Ion Ratio Lower Upper
75 100
77 29.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.02 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion: 75 Resp: 82587
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2
39 47.3 42.4 63.6

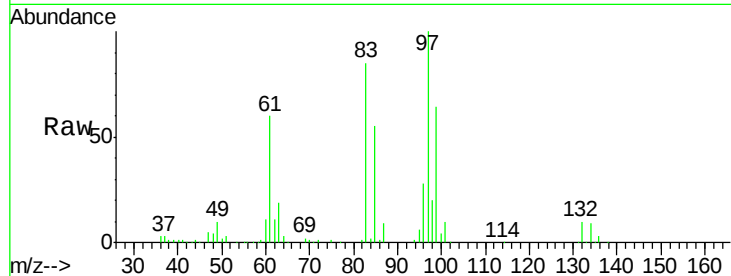




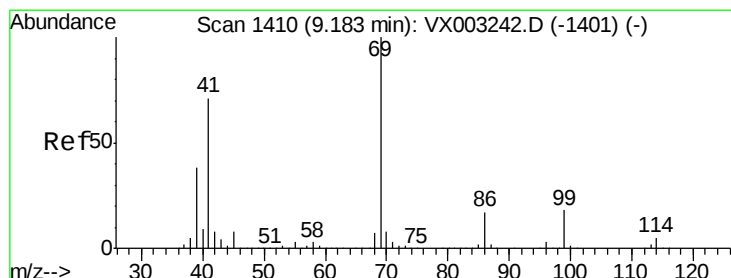
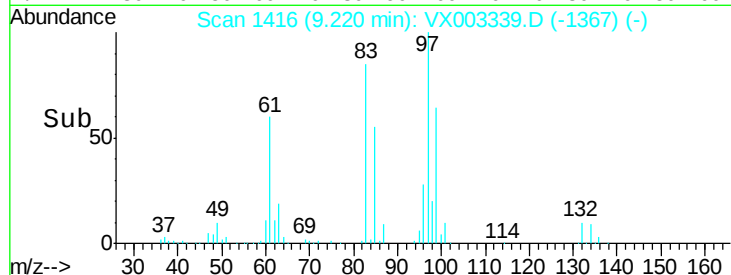
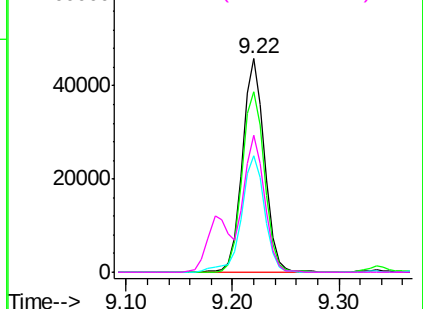
#55
 1,1,2-Trichloroethane
 Concen: 19.48 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Tot Ion: 97 Resp: 66831
 Ion Ratio Lower Upper
 97 100
 83 84.5 70.2 105.2
 85 54.7 44.9 67.3
 99 64.3 49.8 74.8

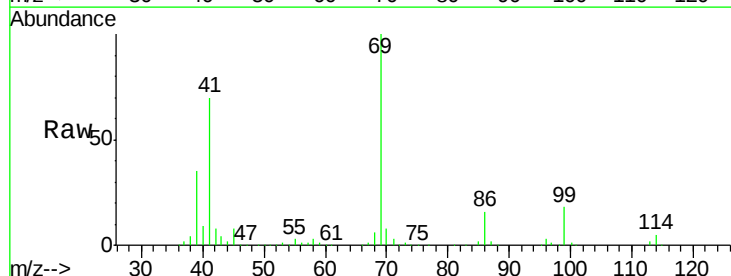


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

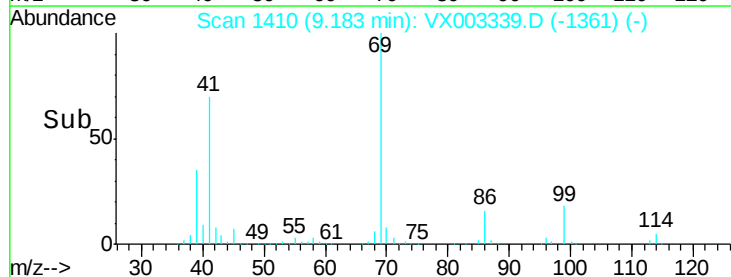
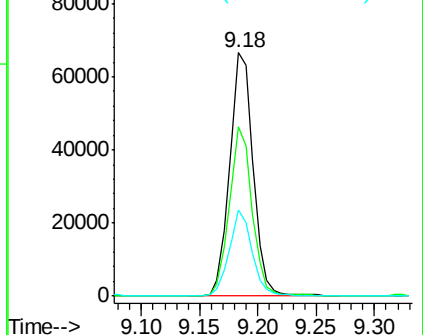


#56
 Ethyl methacrylate
 Concen: 19.96 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Tgt Ion: 69 Resp: 93814
 Ion Ratio Lower Upper
 69 100
 41 67.1 60.3 90.5
 39 34.2 35.8 53.8#



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





#57

1,3-Dichloropropane

Concen: 20.17 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

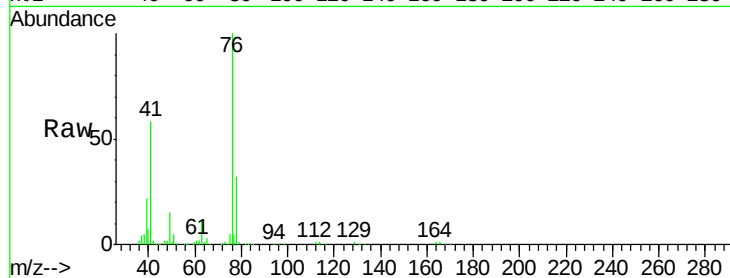
VX0711WBS02

Tot Ion: 76 Resp: 111510

Ion Ratio Lower Upper

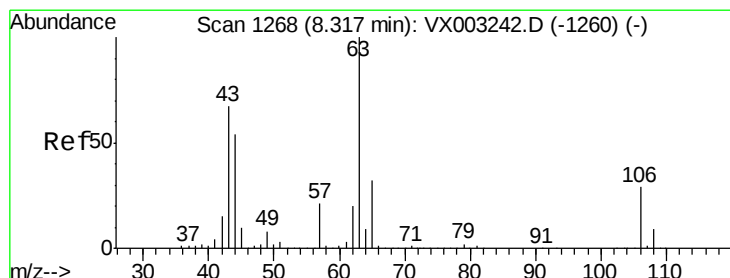
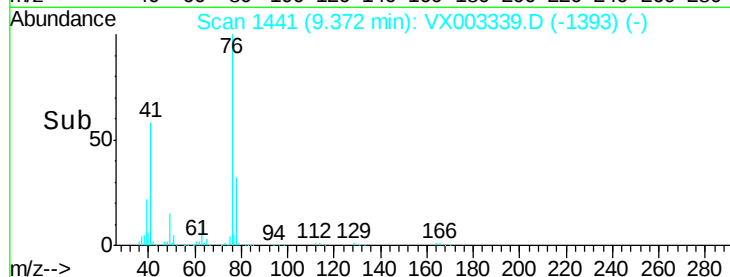
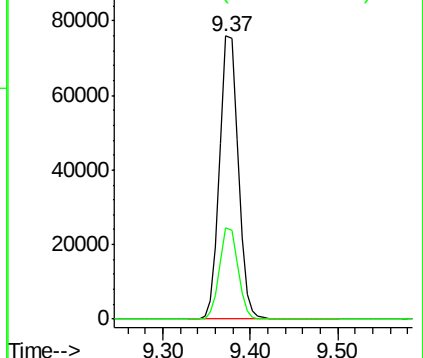
76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 114.19 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003339.D

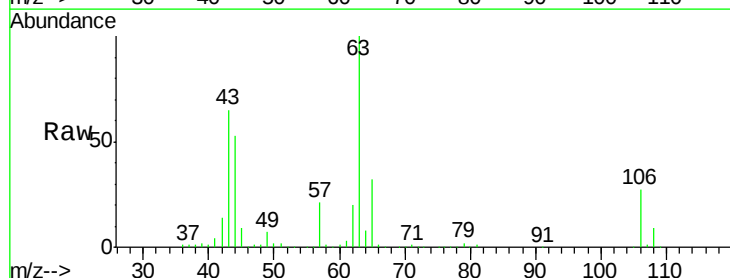
Acq: 11 Jul 2018 23:56

Tgt Ion: 63 Resp: 258907

Ion Ratio Lower Upper

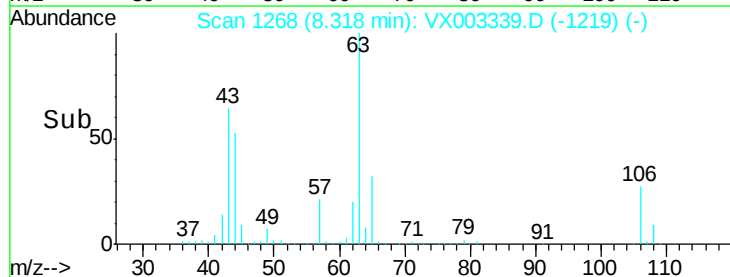
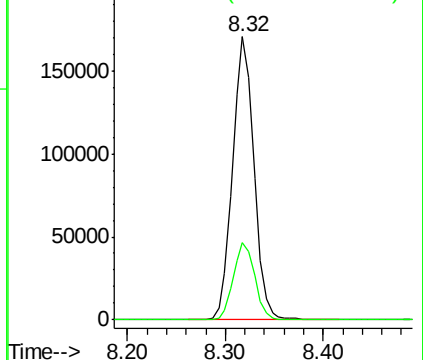
63 100

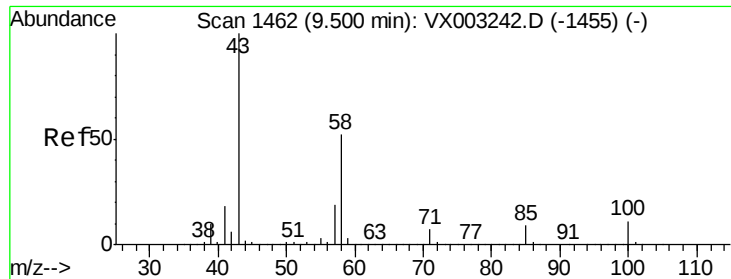
106 27.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

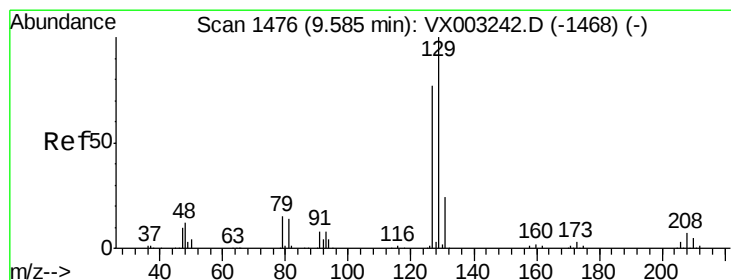
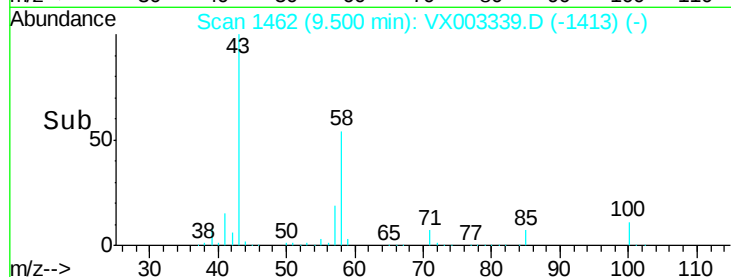
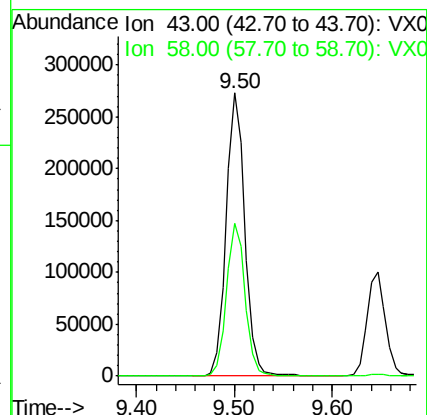
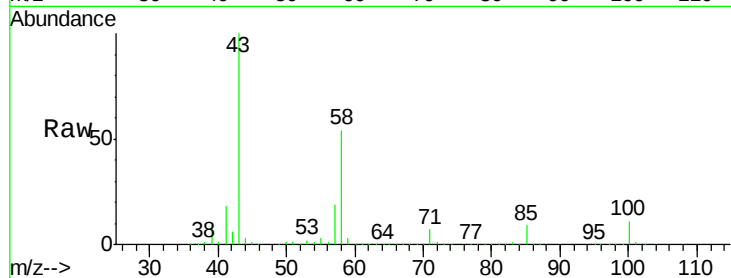




#59
2-Hexanone
Concen: 100.59 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

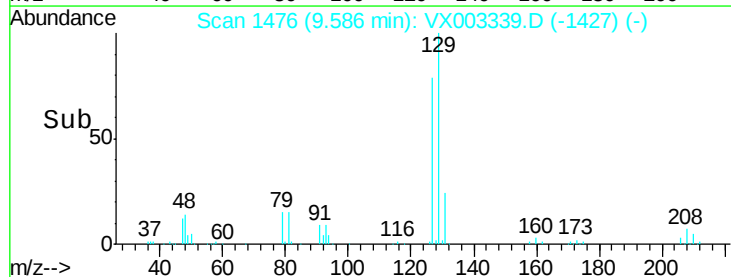
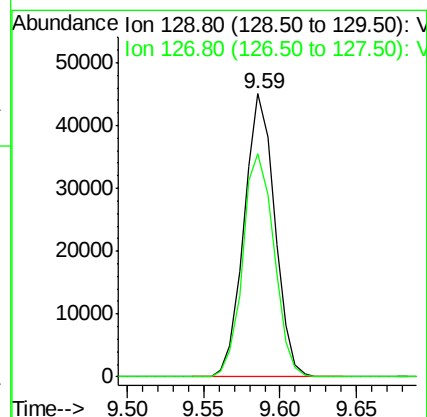
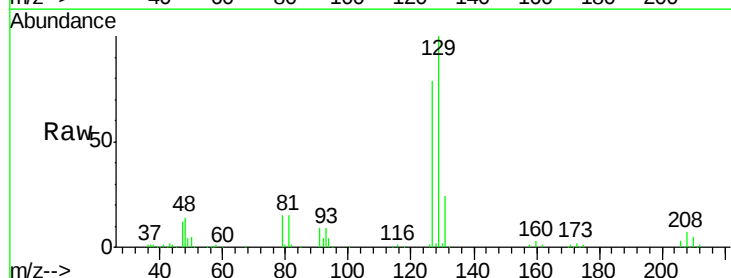
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

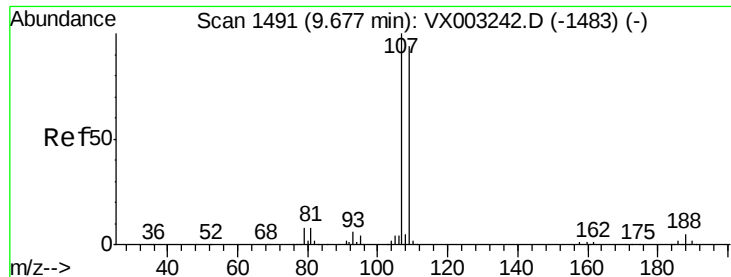
Tot Ion: 43 Resp: 361569
Ion Ratio Lower Upper
43 100
58 54.0 24.6 73.6



#60
Dibromochloromethane
Concen: 17.56 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion: 129 Resp: 62922
Ion Ratio Lower Upper
129 100
127 80.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.08 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

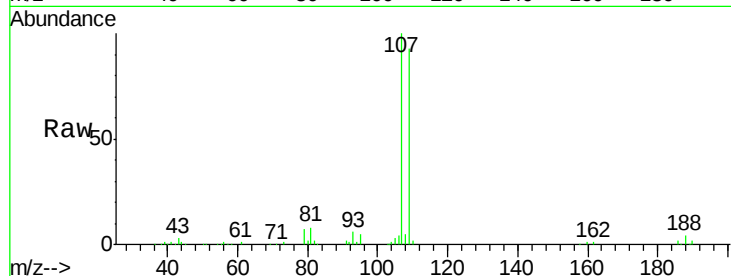
VX0711WBS02

Tot Ion:107 Resp: 68619

Ion Ratio Lower Upper

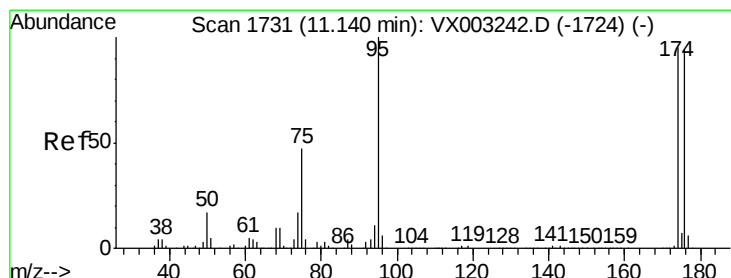
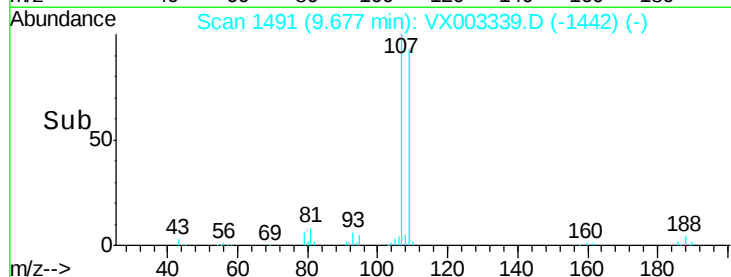
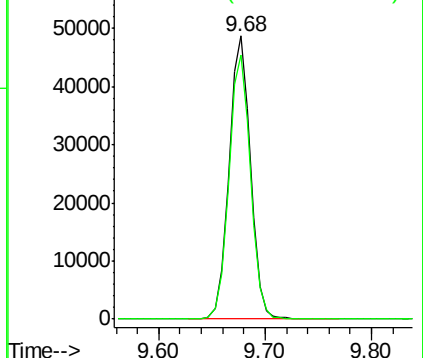
107 100

109 93.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

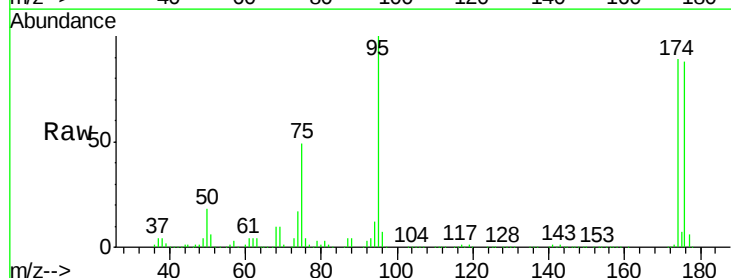
Tgt Ion: 95 Resp: 216068

Ion Ratio Lower Upper

95 100

174 91.6 0.0 187.4

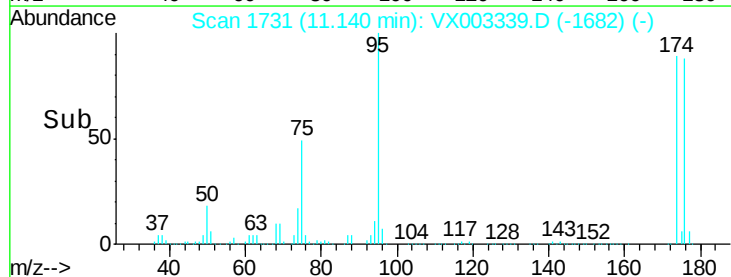
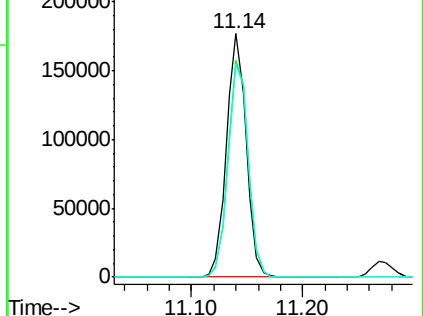
176 89.9 0.0 181.0

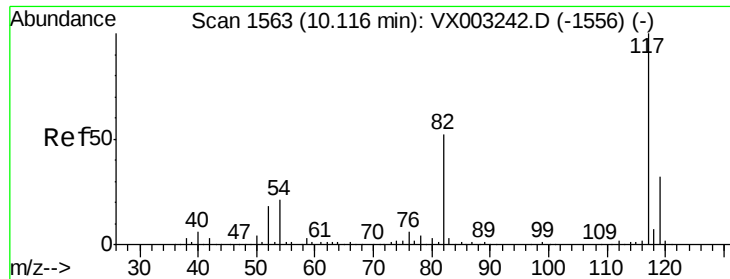


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

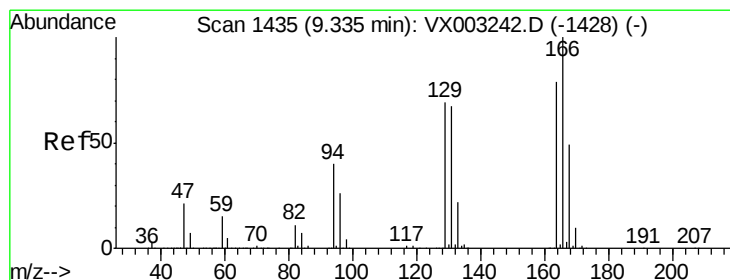
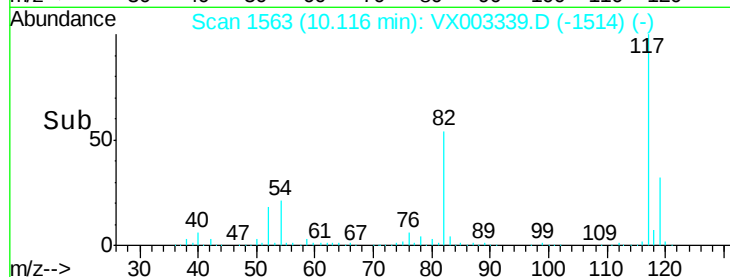
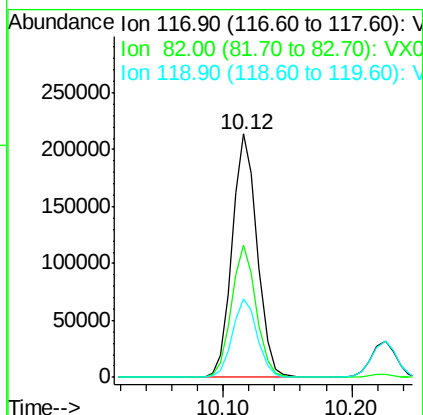
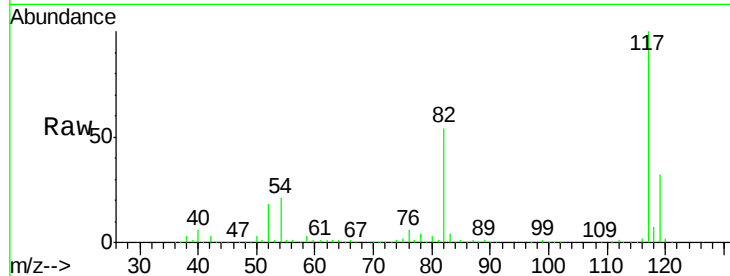




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

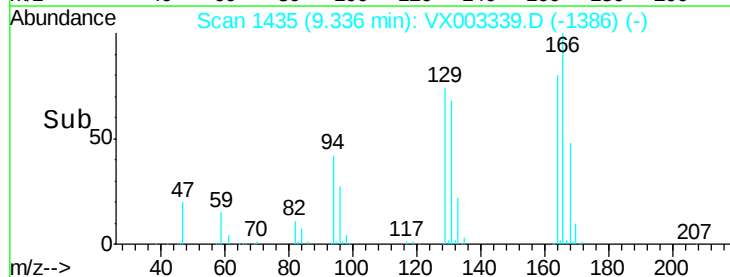
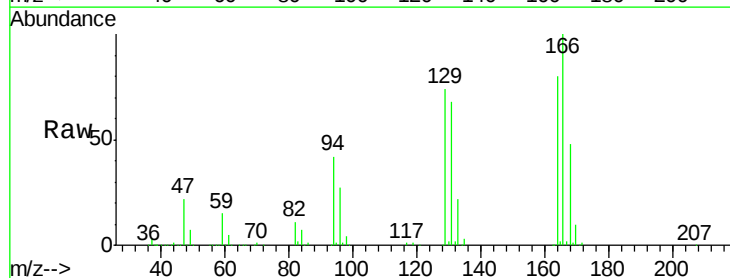
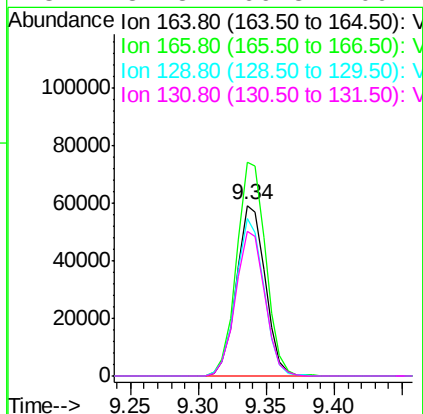
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

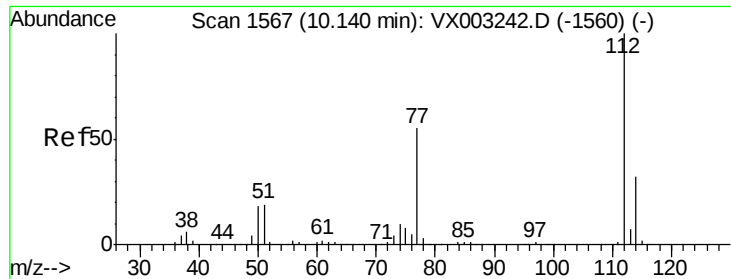
Tot Ion:117 Resp: 289678
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 19.97 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion:164 Resp: 87470
Ion Ratio Lower Upper
164 100
166 125.1 102.9 154.3
129 92.3 68.6 102.8
131 84.8 66.8 100.2

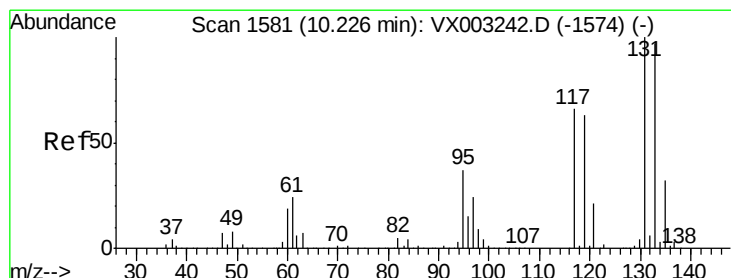
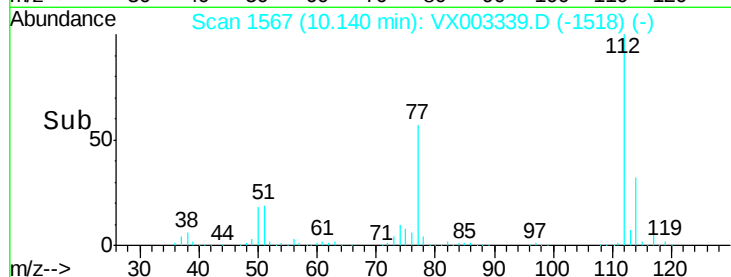
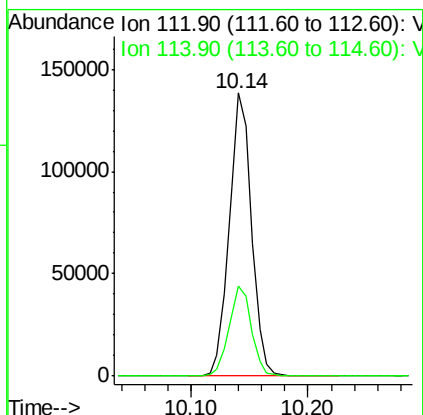
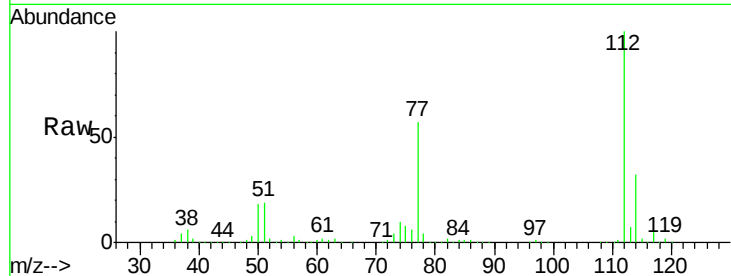




#65
Chlorobenzene
Concen: 18.68 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

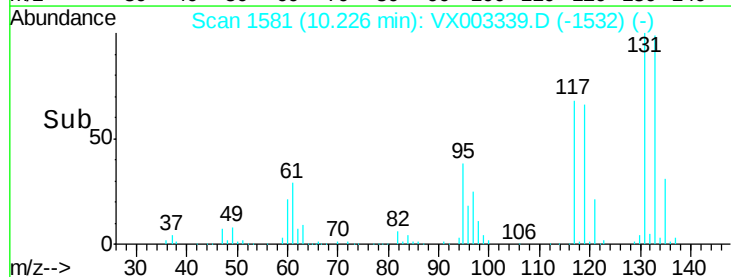
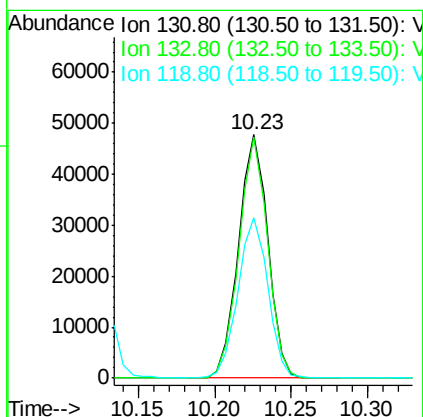
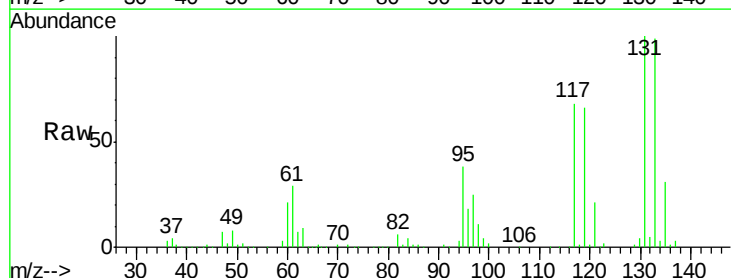
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

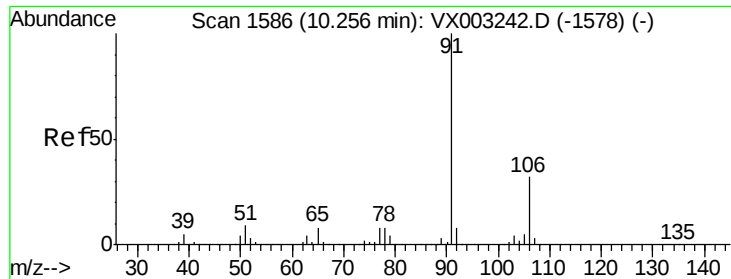
Tot Ion:112 Resp: 183842
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 17.98 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion:131 Resp: 63835
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.6
119 66.9 31.8 95.3





#67

Ethyl Benzene

Concen: 19.29 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampled :

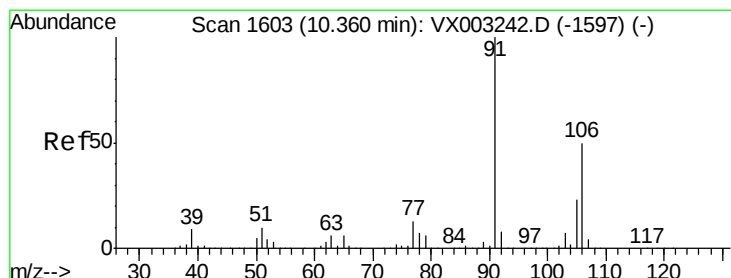
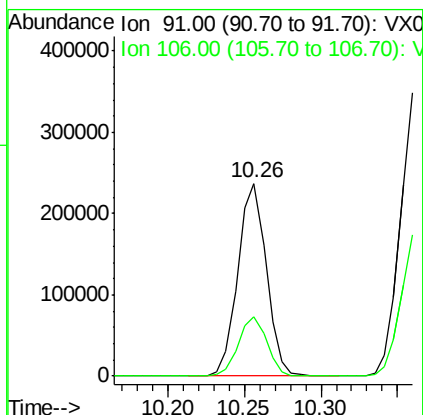
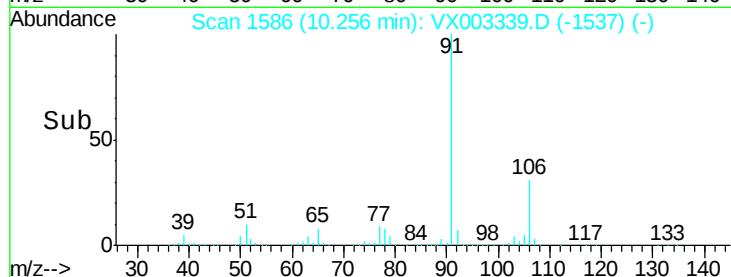
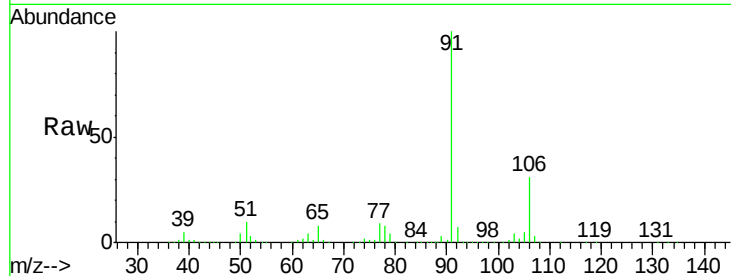
VX0711WBS02

Tot Ion: 91 Resp: 307034

Ion Ratio Lower Upper

91 100

106 31.0 25.5 38.3



#68

m/p-Xylenes

Concen: 38.41 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003339.D

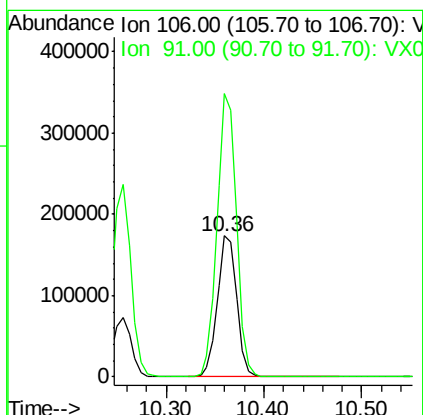
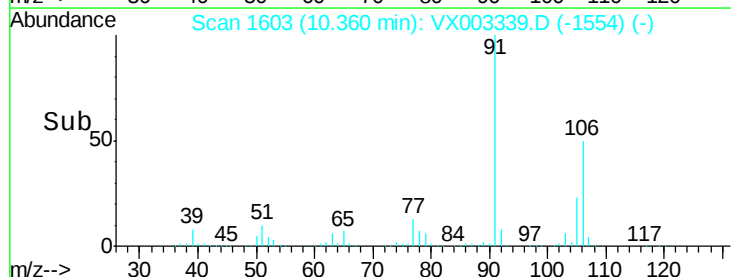
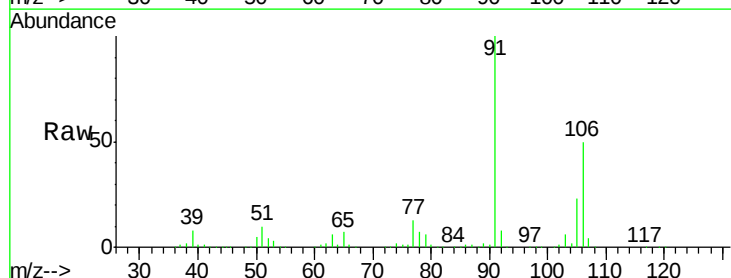
Acq: 11 Jul 2018 23:56

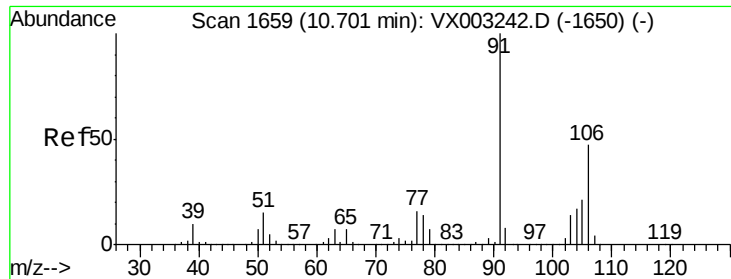
Tgt Ion: 106 Resp: 237845

Ion Ratio Lower Upper

106 100

91 201.6 163.4 245.2

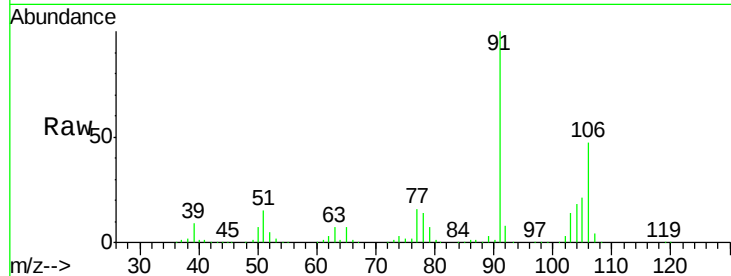




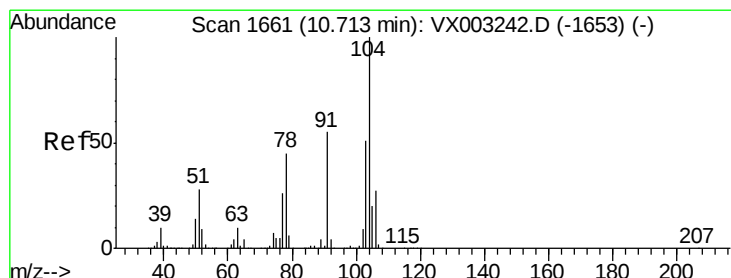
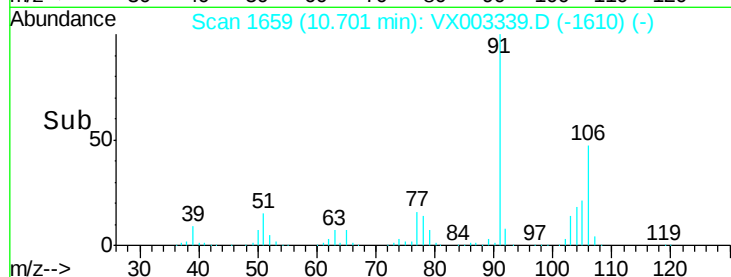
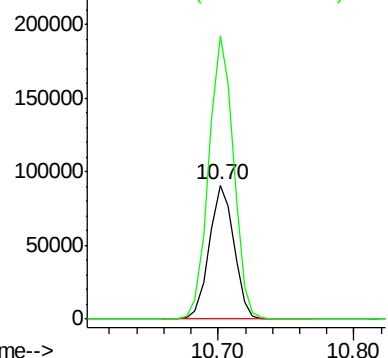
#69
o-Xylene
Concen: 19.16 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampled :
VX0711WBS02

Tot Ion:106 Resp: 114924
Ion Ratio Lower Upper
106 100
91 212.2 108.2 324.6

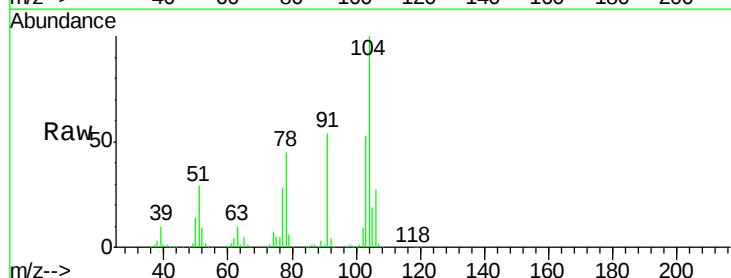


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

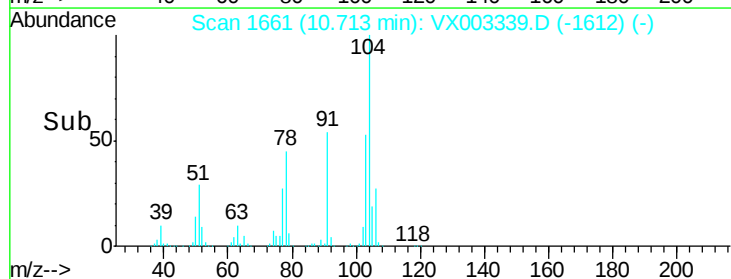
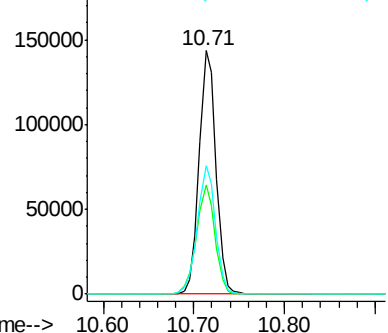


#70
Styrene
Concen: 19.14 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion:104 Resp: 186183
Ion Ratio Lower Upper
104 100
78 49.2 41.0 61.6
103 56.5 44.2 66.4



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

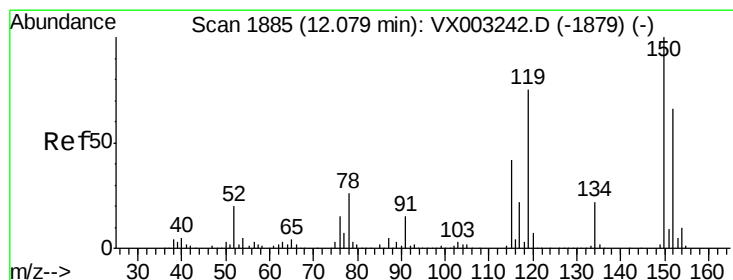
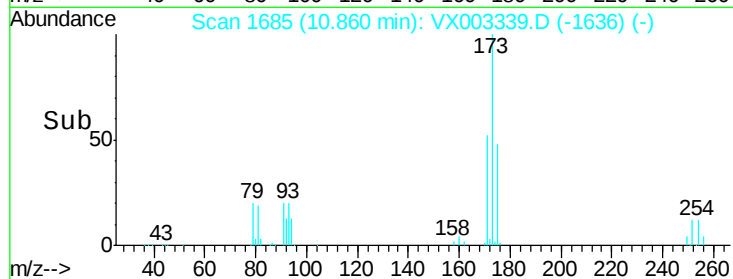
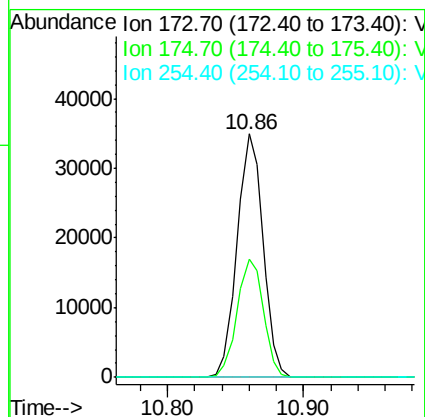
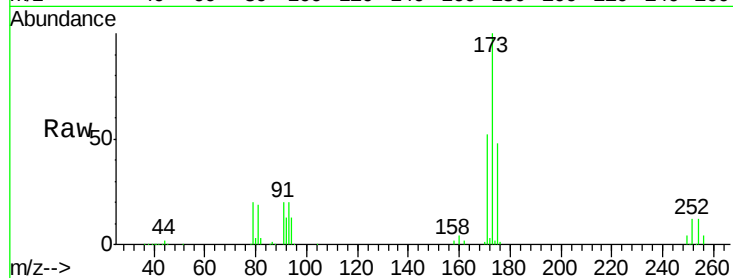




#71
Bromoform
Concen: 15.91 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

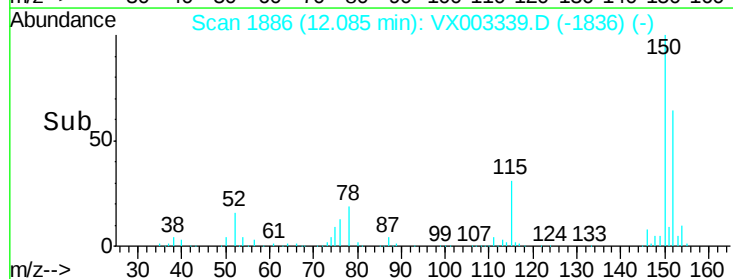
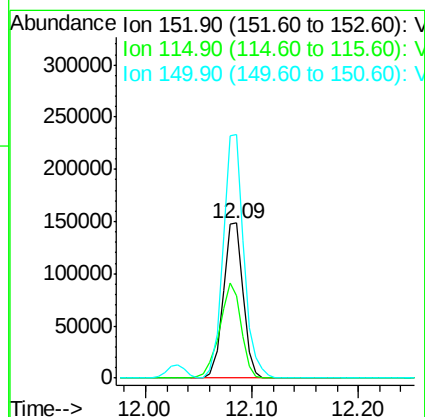
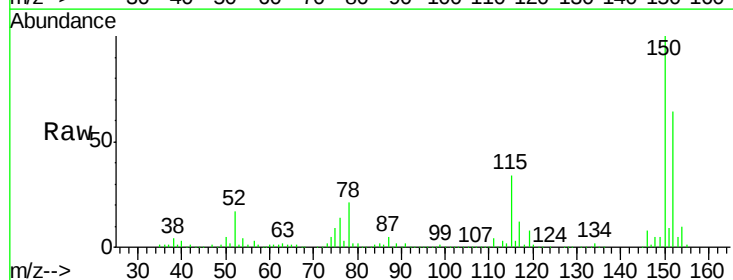
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

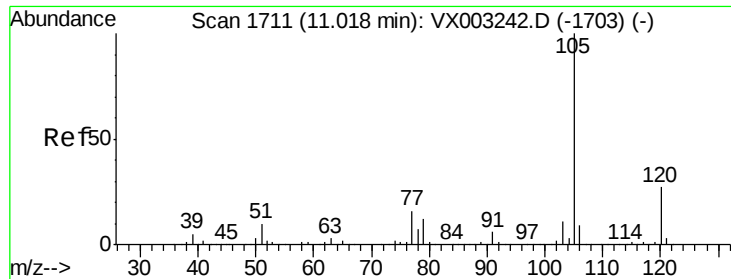
Tot Ion:173 Resp: 46498
Ion Ratio Lower Upper
173 100
175 49.1 24.7 74.1
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion:152 Resp: 192260
Ion Ratio Lower Upper
152 100
115 66.3 40.1 120.2
150 164.5 0.0 347.2





#73

Isopropylbenzene

Concen: 20.14 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

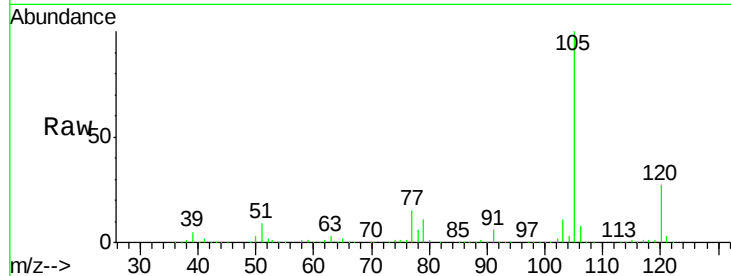
VX0711WBS02

Tot Ion:105 Resp: 305733

Ion Ratio Lower Upper

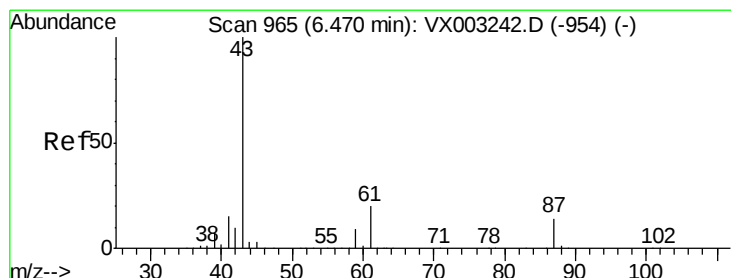
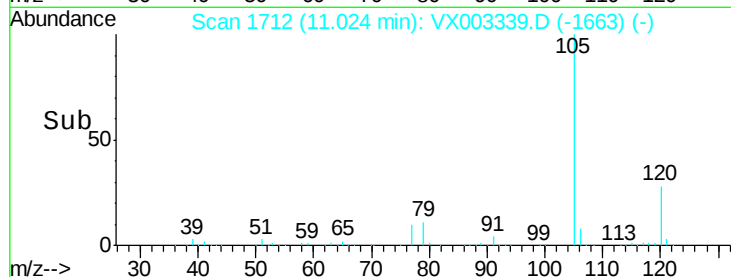
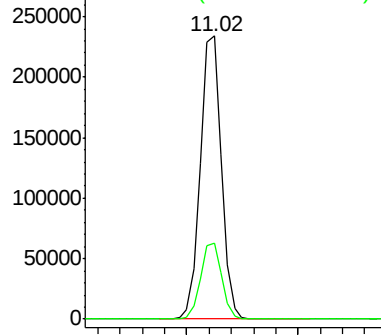
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.55 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Tgt Ion: 43 Resp: 141570

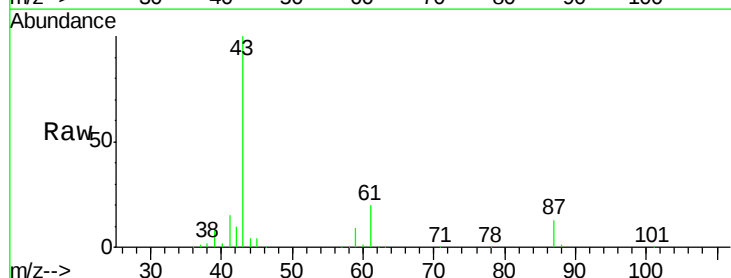
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.2 14.4 21.6

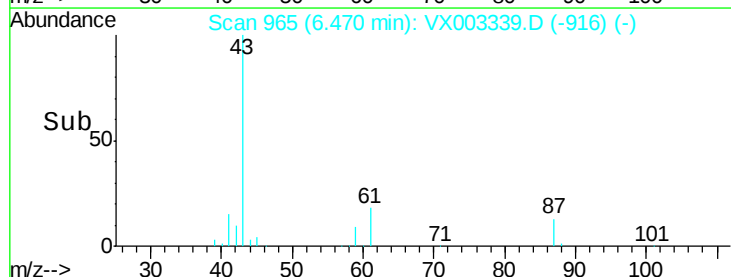
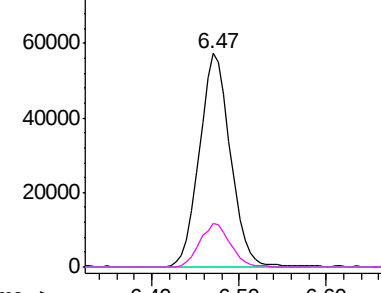


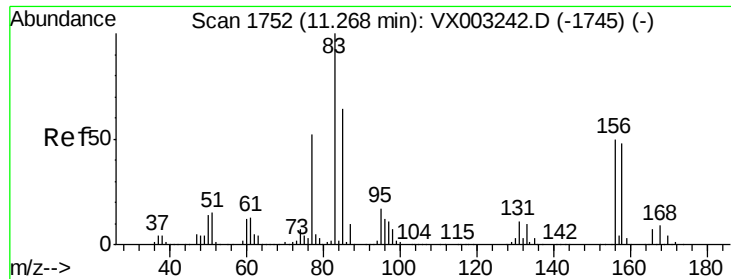
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.56 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

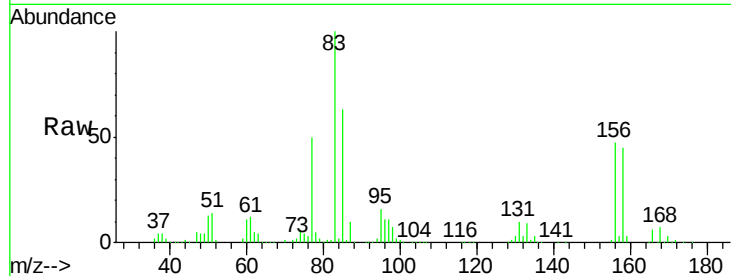
Tot Ion: 83 Resp: 96795

Ion Ratio Lower Upper

83 100

131 10.4 5.6 16.8

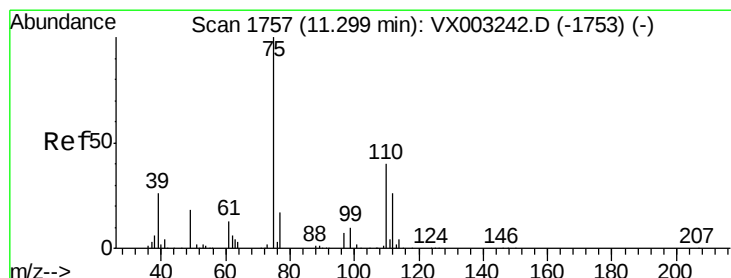
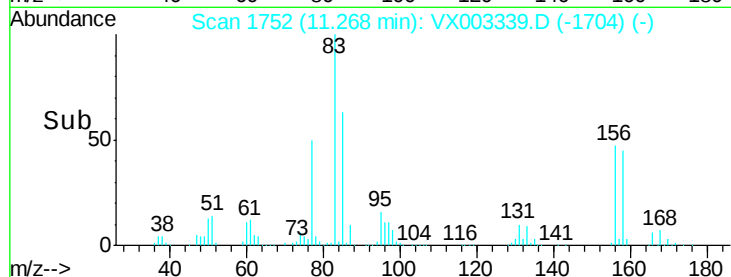
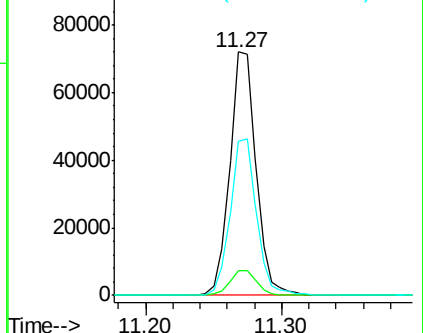
85 64.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.32 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003339.D

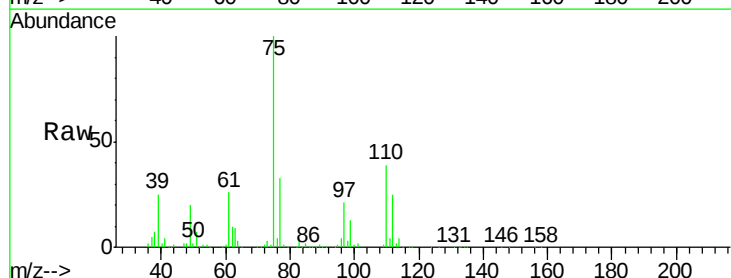
Acq: 11 Jul 2018 23:56

Tgt Ion: 75 Resp: 105227

Ion Ratio Lower Upper

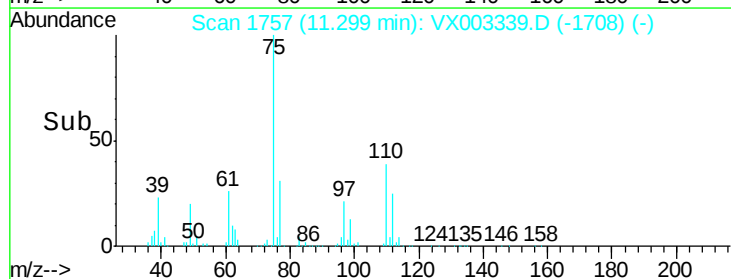
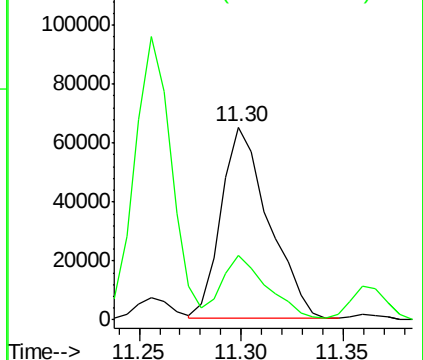
75 100

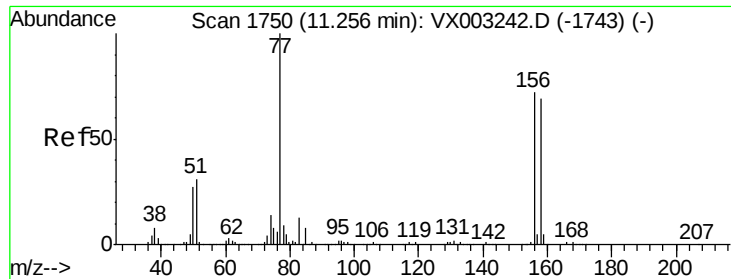
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.13 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

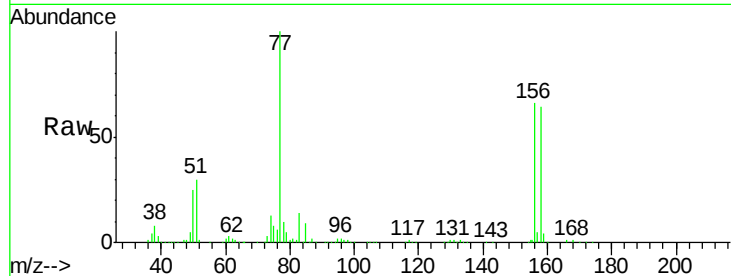
Tot Ion:156 Resp: 83842

Ion Ratio Lower Upper

156 100

77 143.8 71.4 214.2

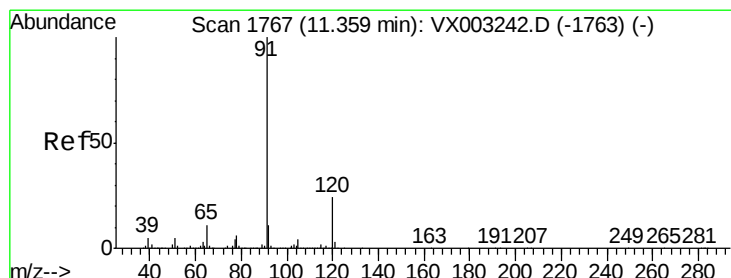
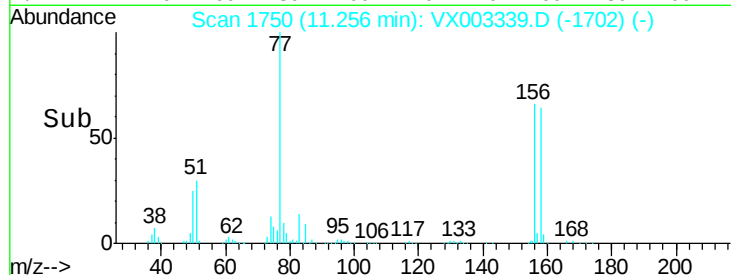
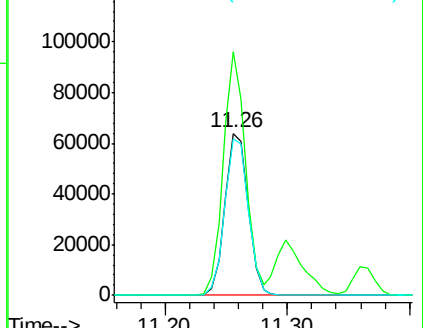
158 98.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.64 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003339.D

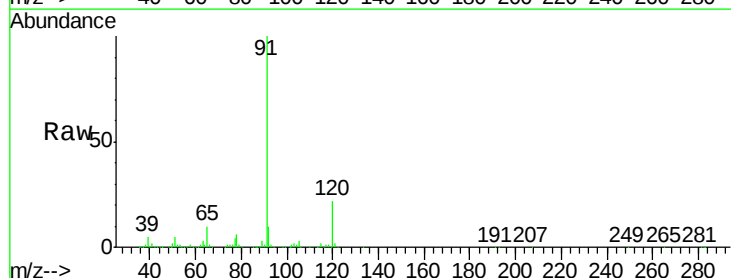
Acq: 11 Jul 2018 23:56

Tgt Ion: 91 Resp: 348303

Ion Ratio Lower Upper

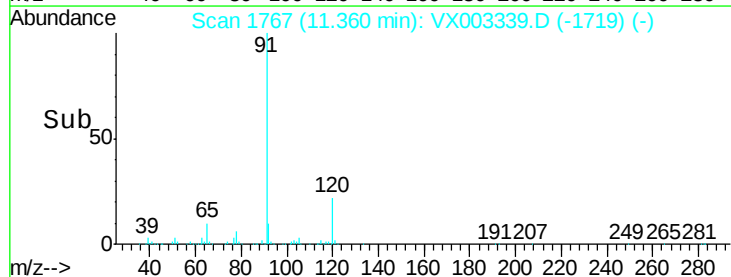
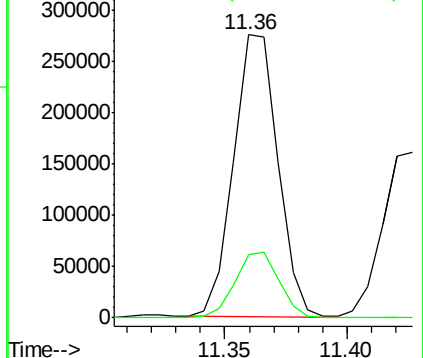
91 100

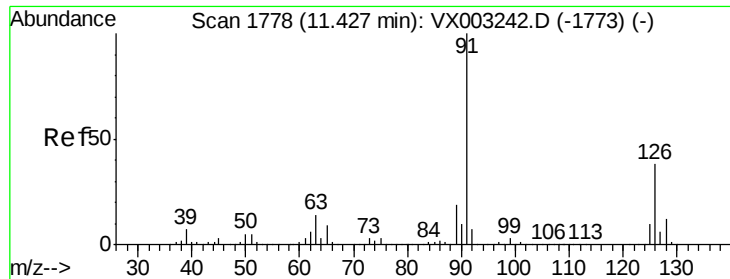
120 23.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

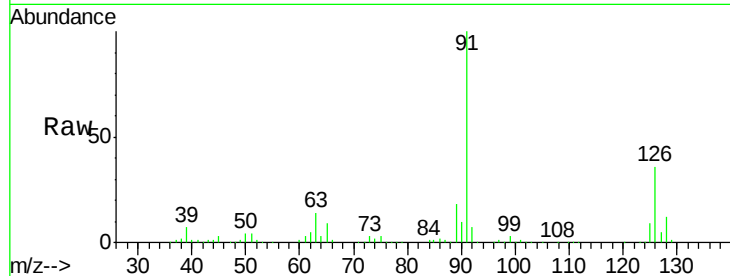




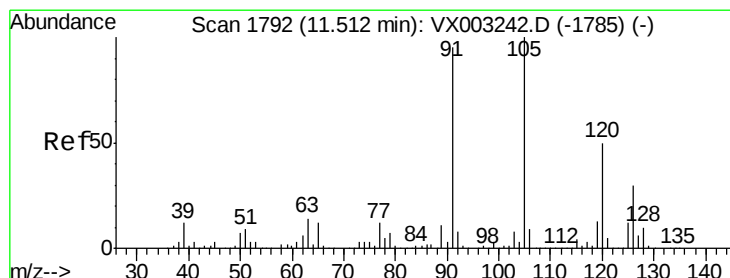
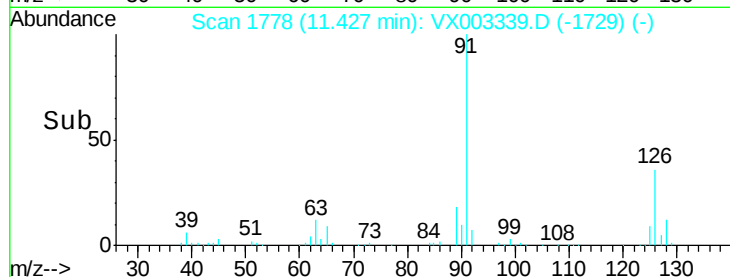
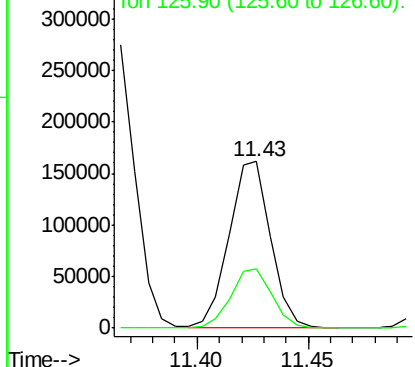
#79
 2-Chlorotoluene
 Concen: 20.27 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Tot Ion: 91 Resp: 208388
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.7 53.1

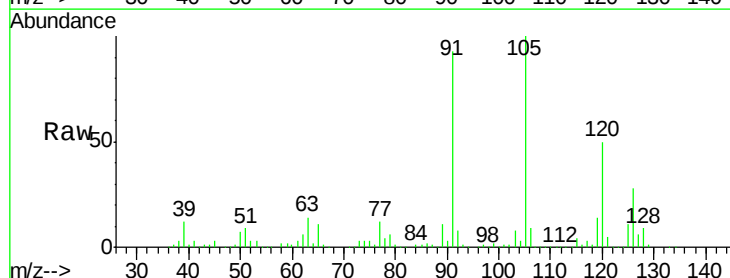


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

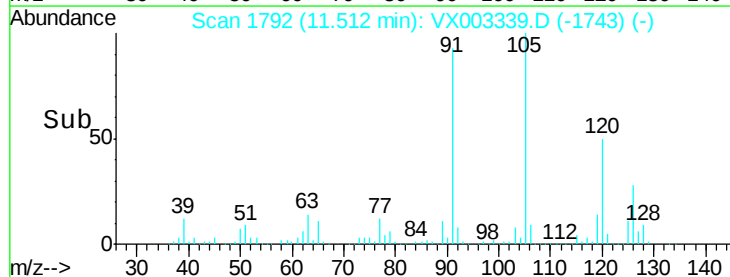
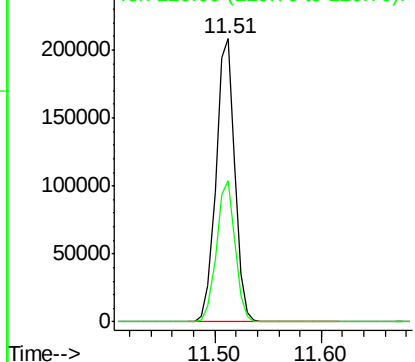


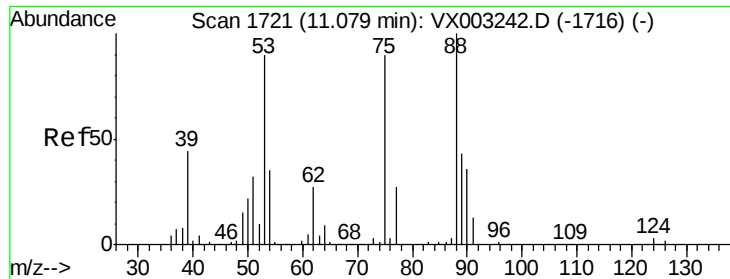
#80
 1,3,5-Trimethylbenzene
 Concen: 20.01 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Tgt Ion: 105 Resp: 252957
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4



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

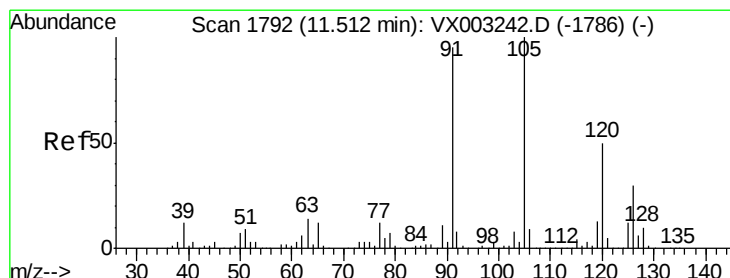
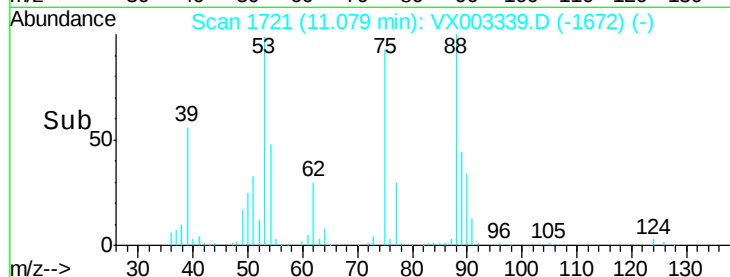
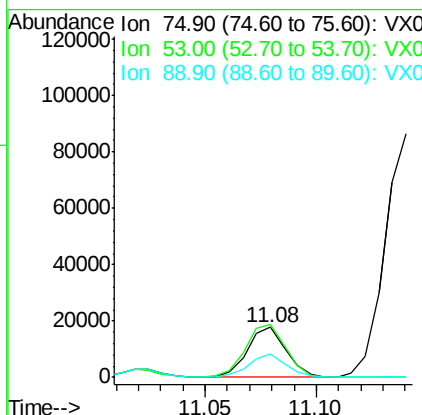
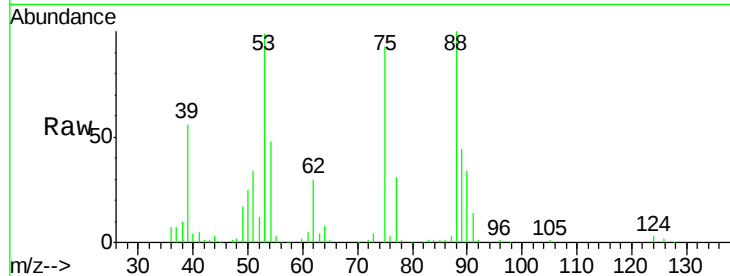




#81
trans-1,4-Dichloro-2-butene
Concen: 17.03 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

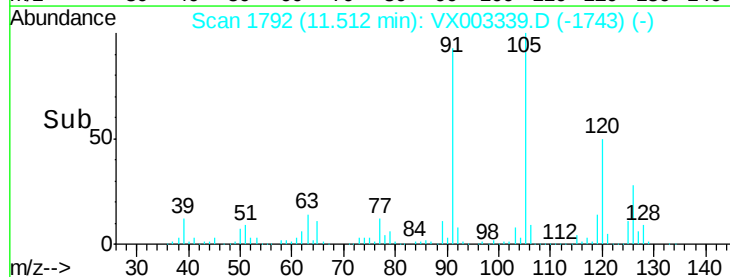
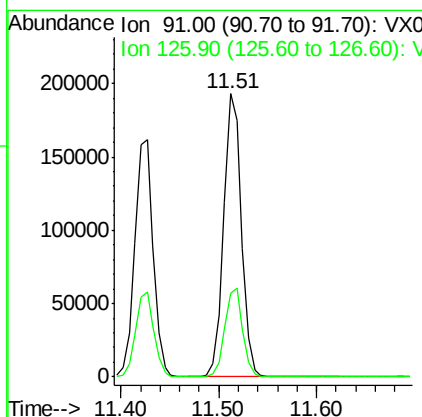
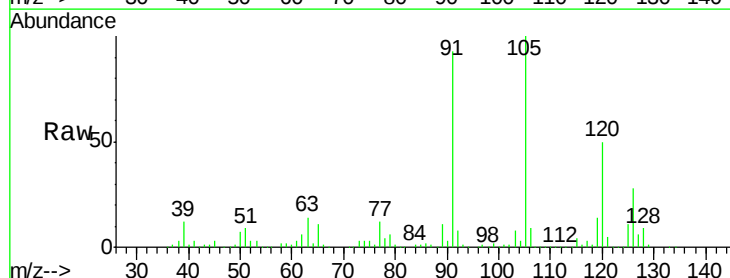
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

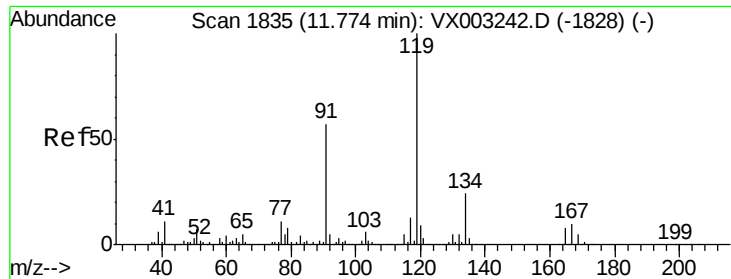
Tot Ion: 75 Resp: 21656
Ion Ratio Lower Upper
75 100
53 109.3 86.8 130.2
89 45.7 38.2 57.2



#82
4-Chlorotoluene
Concen: 20.16 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion: 91 Resp: 241996
Ion Ratio Lower Upper
91 100
126 31.4 15.4 46.4

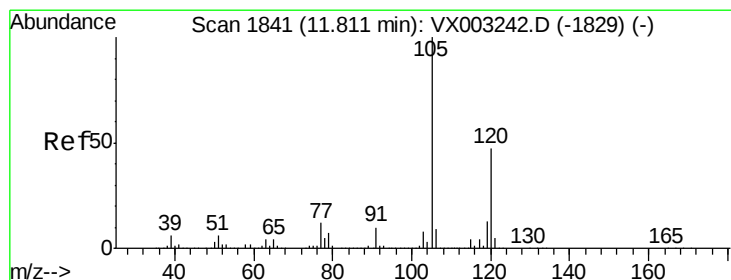
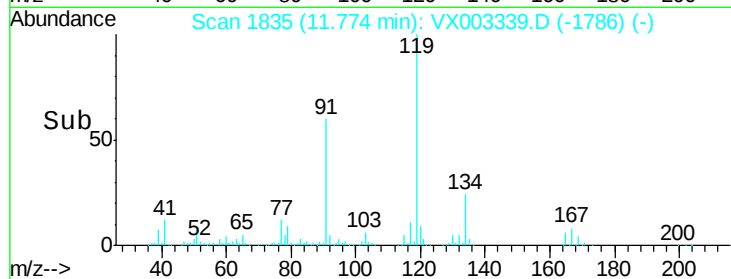
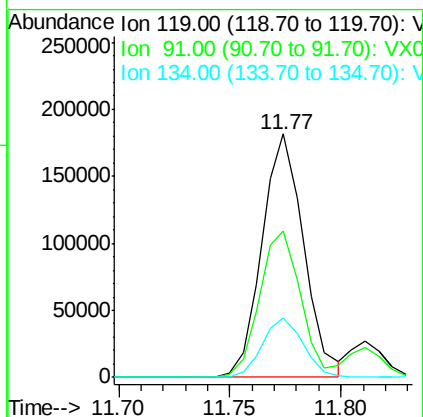
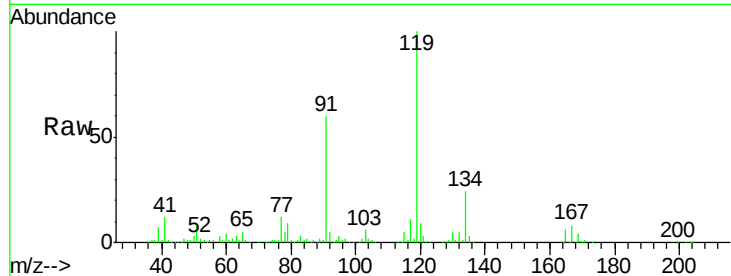




#83
 tert-Butylbenzene
 Concen: 18.72 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

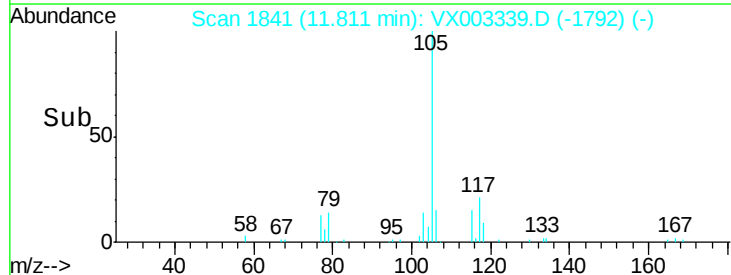
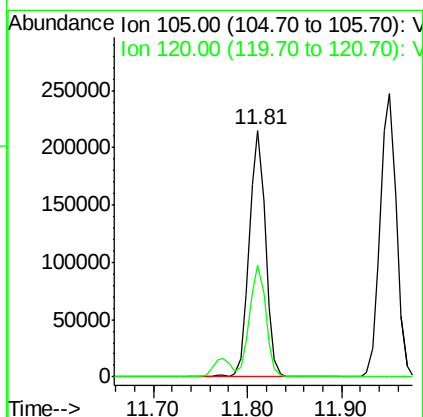
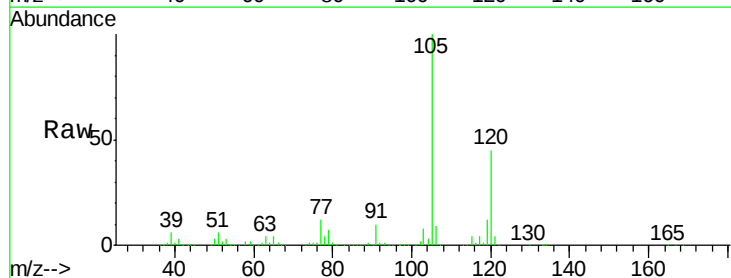
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

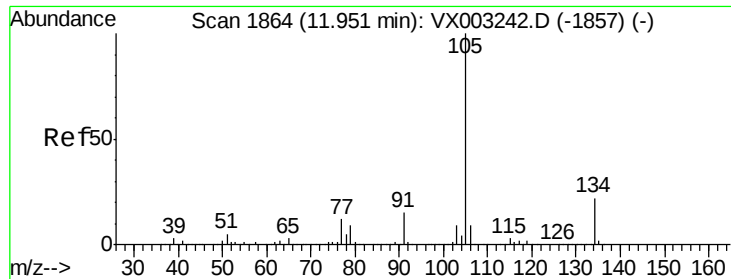
Tot Ion:119 Resp: 236384
 Ion Ratio Lower Upper
 119 100
 91 58.4 30.3 90.9
 134 24.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.11 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Tgt Ion:105 Resp: 260342
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.88 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampled :

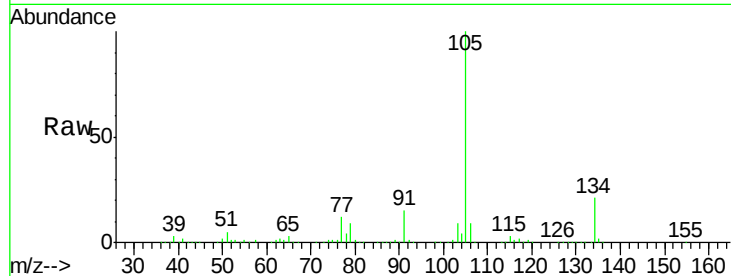
VX0711WBS02

Tot Ion:105 Resp: 296668

Ion Ratio Lower Upper

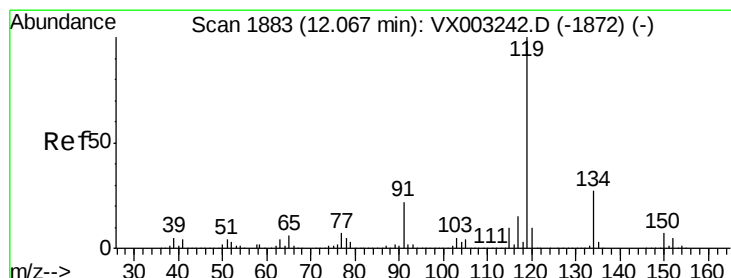
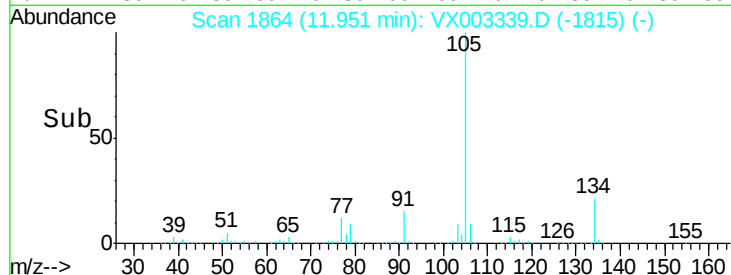
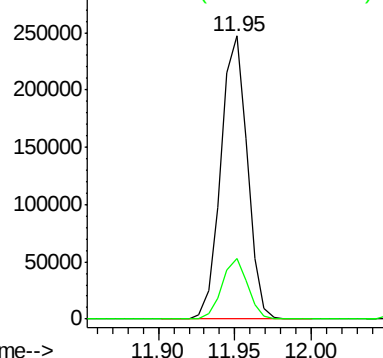
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.33 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

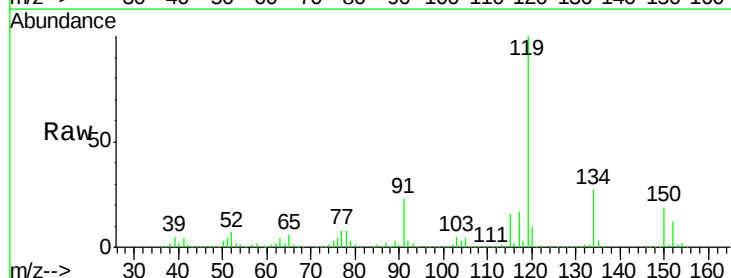
Tgt Ion:119 Resp: 262848

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

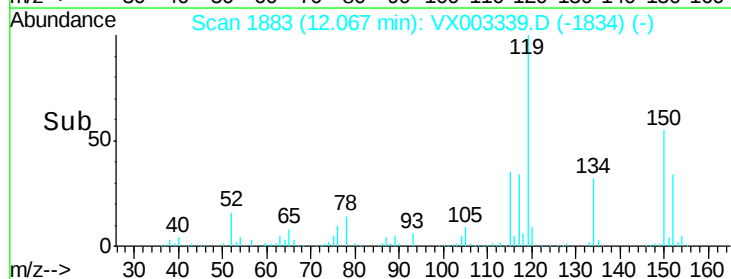
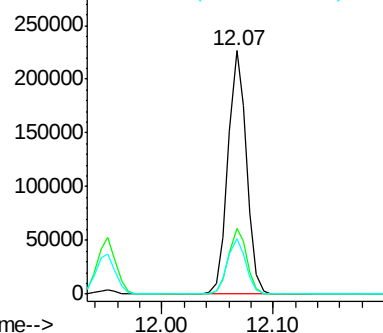
91 22.8 11.9 35.7

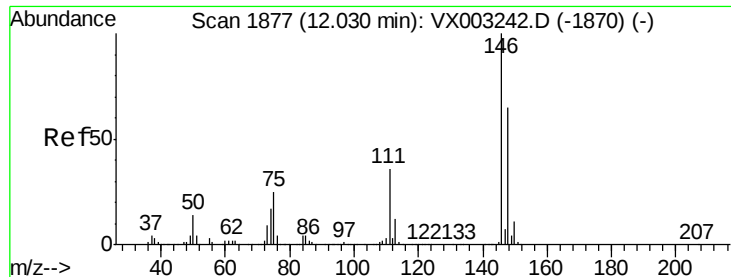


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.59 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

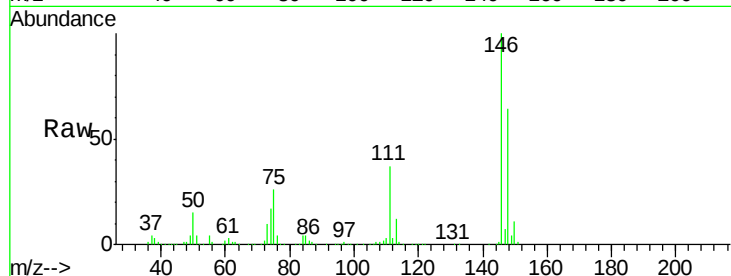
Tot Ion:146 Resp: 149462

Ion Ratio Lower Upper

146 100

111 37.6 18.9 56.7

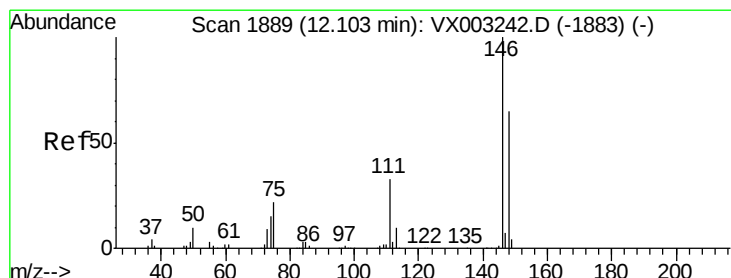
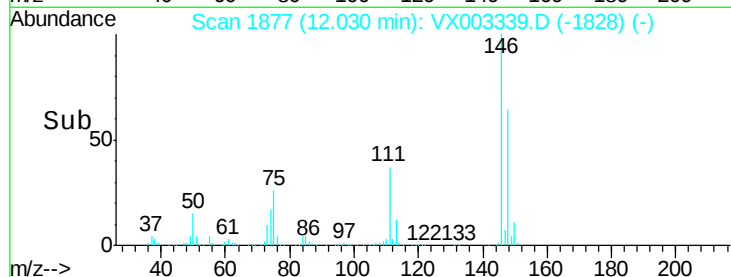
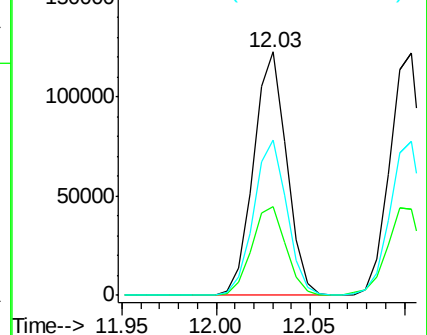
148 63.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.53 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

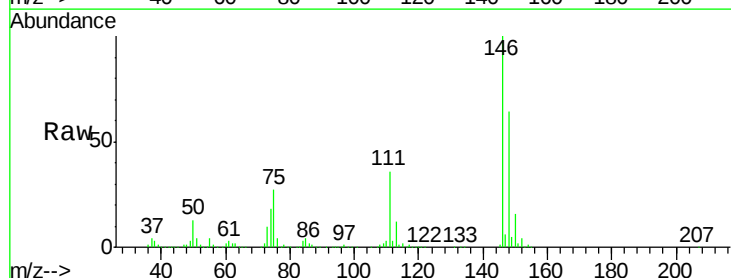
Tgt Ion:146 Resp: 150855

Ion Ratio Lower Upper

146 100

111 38.0 18.7 56.1

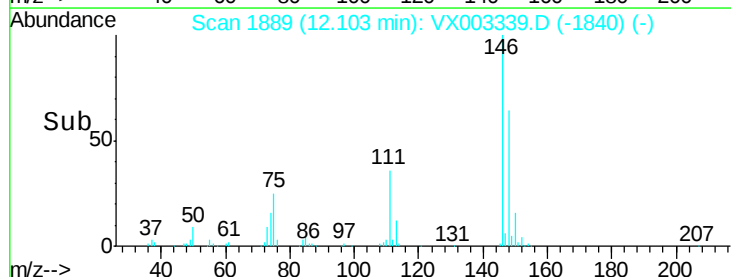
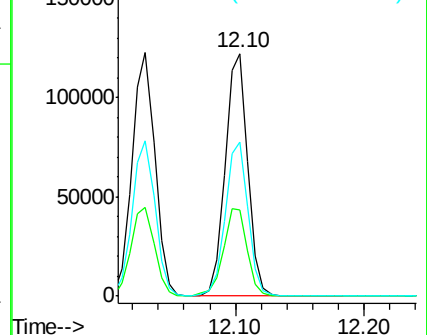
148 64.4 32.4 97.0

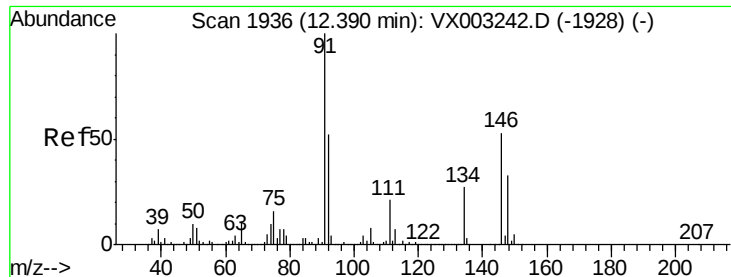


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

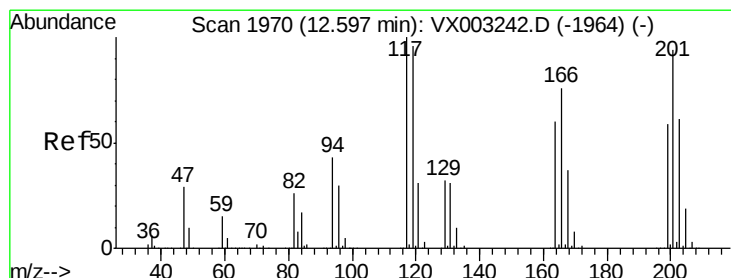
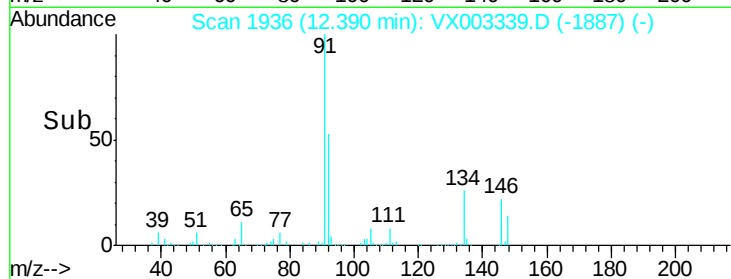
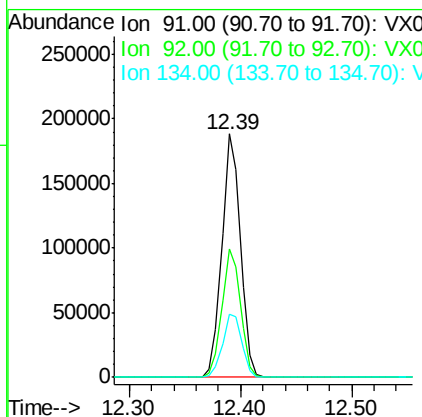
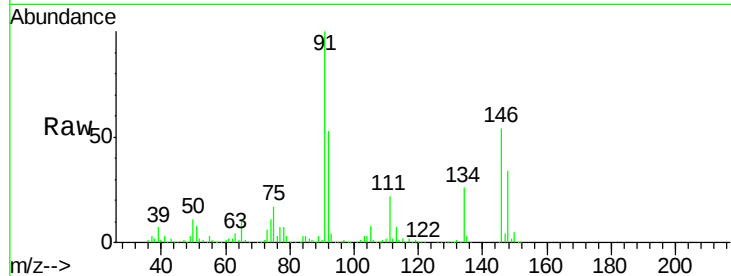




#89
n-Butylbenzene
Concen: 19.21 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

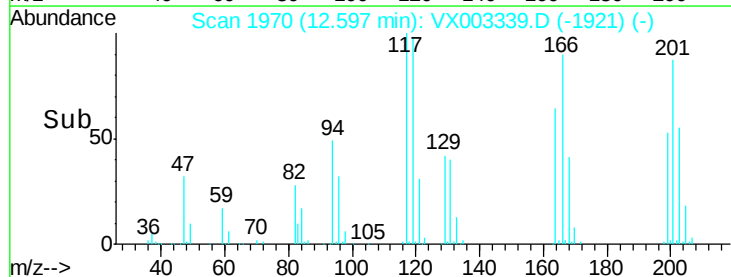
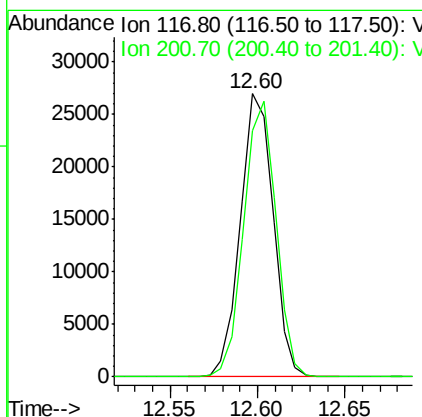
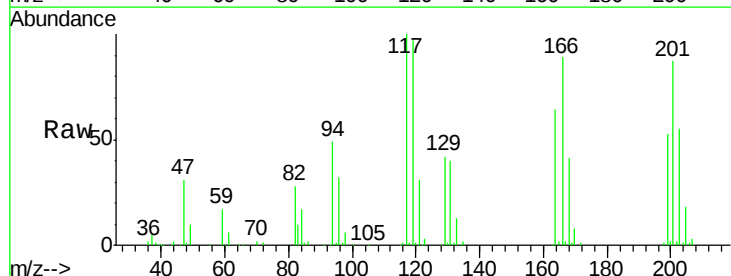
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

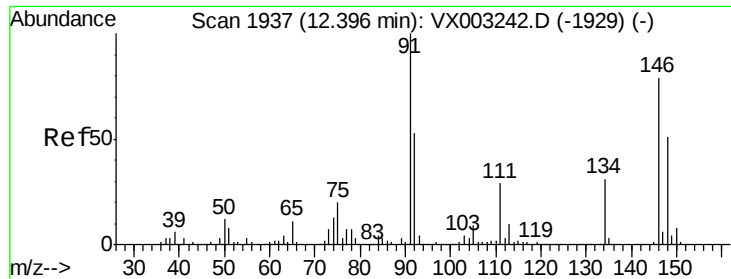
Tot Ion: 91 Resp: 218167
Ion Ratio Lower Upper
91 100
92 52.8 26.0 78.0
134 26.8 13.5 40.5



#90
Hexachloroethane
Concen: 17.07 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion: 117 Resp: 35442
Ion Ratio Lower Upper
117 100
201 95.3 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 18.83 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

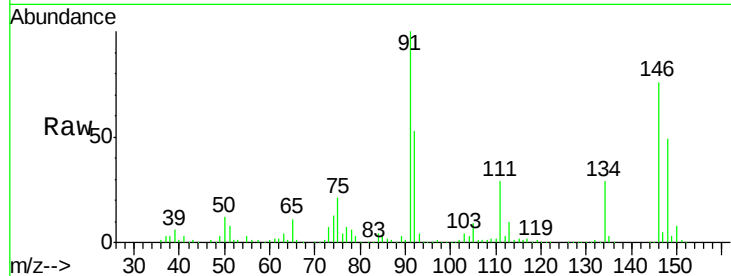
Tot Ion:146 Resp: 152002

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.1

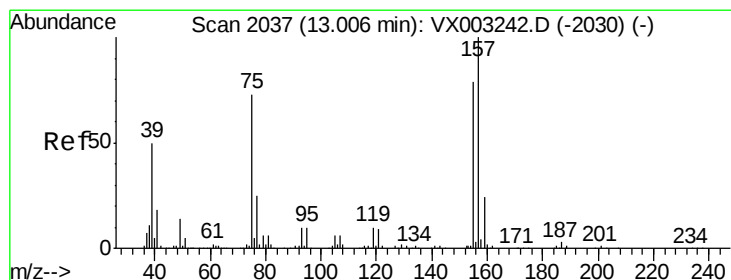
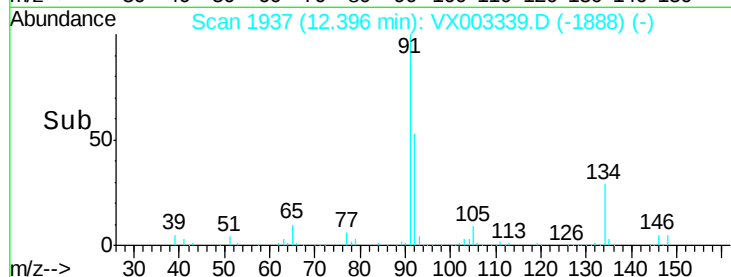
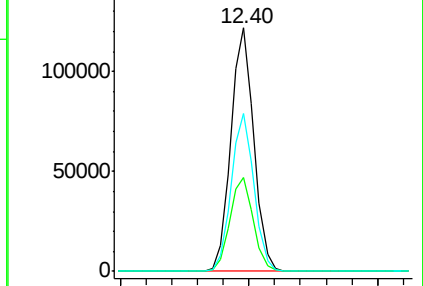
148 64.3 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.89 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

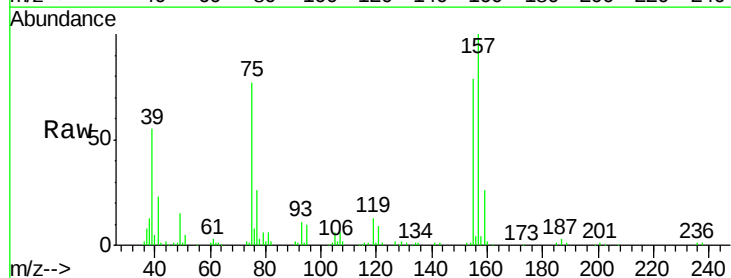
Tgt Ion: 75 Resp: 19085

Ion Ratio Lower Upper

75 100

155 96.1 45.8 137.4

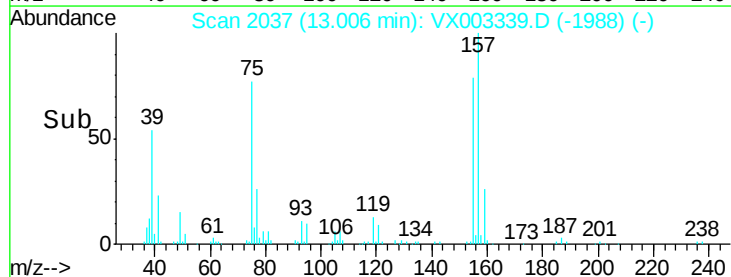
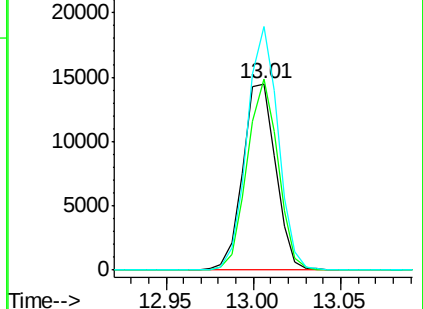
157 122.9 60.1 180.3

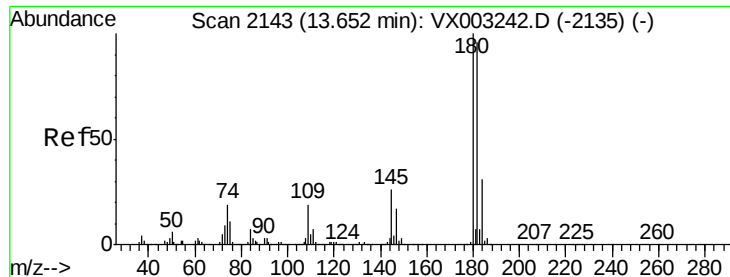


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

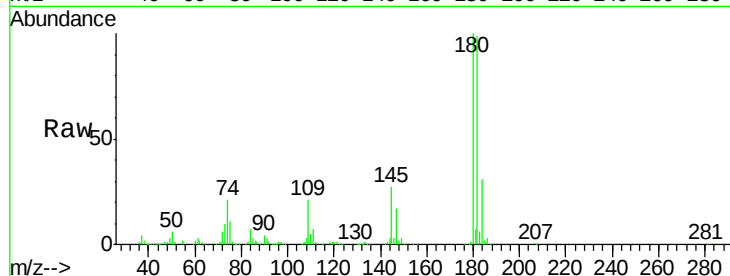




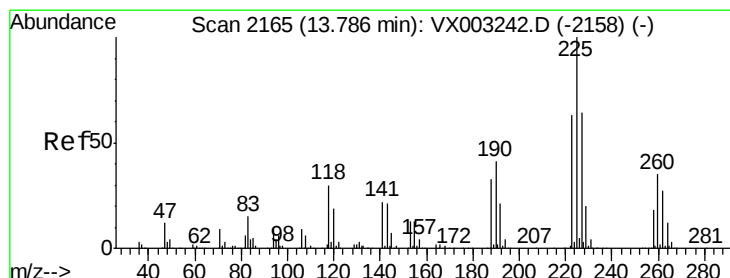
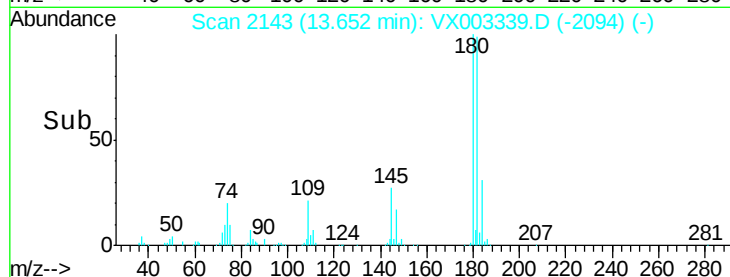
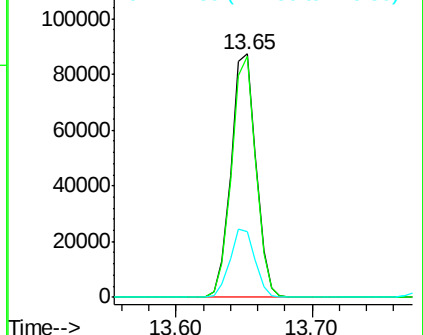
#93
 1,2,4-Trichlorobenzene
 Concen: 18.90 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Tot Ion:180 Resp: 111043
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.7 143.1
 145 28.2 14.1 42.4

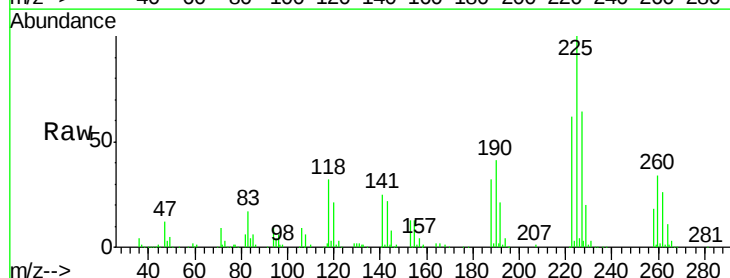


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

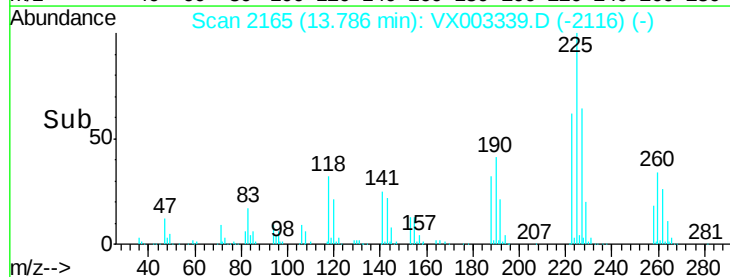
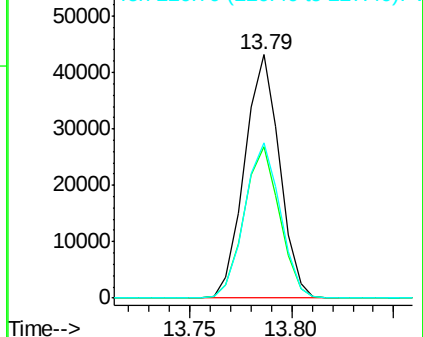


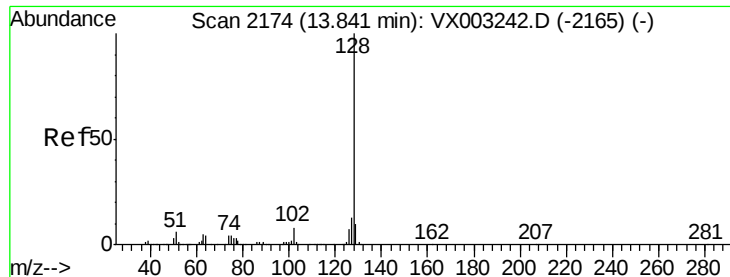
#94
 Hexachlorobutadiene
 Concen: 17.61 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Tgt Ion:225 Resp: 51498
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 64.8 32.4 97.2



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





#95

Naphthalene

Concen: 21.30 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

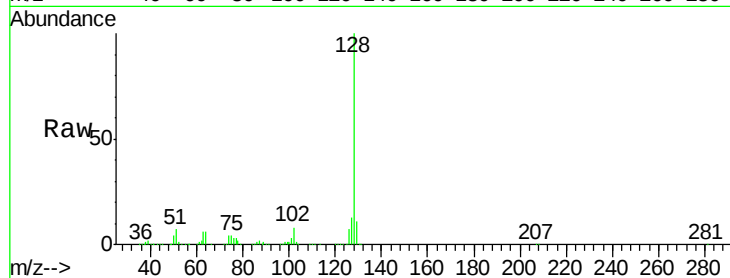
Tot Ion:128 Resp: 327354

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

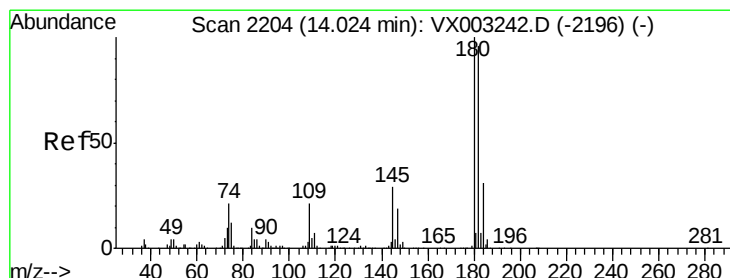
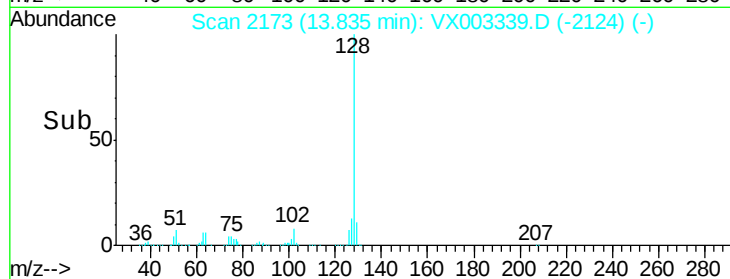
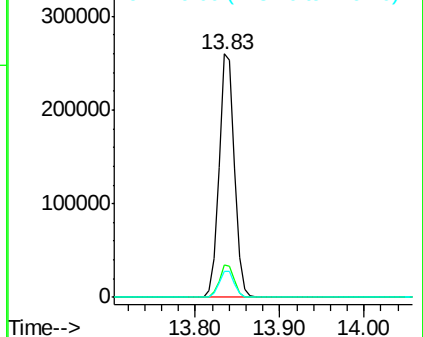
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.50 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

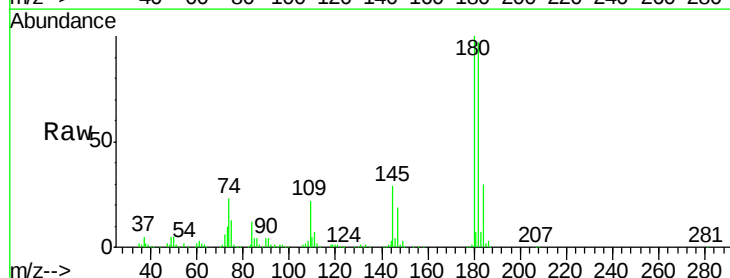
Tgt Ion:180 Resp: 108394

Ion Ratio Lower Upper

180 100

182 95.1 48.0 144.0

145 29.3 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

