

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003304.D
 Acq On : 11 Jul 2018 01:03
 Operator : JC/MD
 Sample : VX0710WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

Quant Time: Jul 11 04:56:47 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	231624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	302387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194036	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	186039	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
35) Dibromofluoromethane	5.51	113	153900	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
50) Toluene-d8	8.72	98	567756	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.14	95	205595	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	71237	20.23	ug/l	100
3) Chloromethane	1.32	50	62441	19.50	ug/l	98
4) Vinyl Chloride	1.40	62	60498	18.41	ug/l	98
5) Bromomethane	1.64	94	23167	23.91	ug/l	99
6) Chloroethane	1.72	64	33503	18.40	ug/l	100
7) Trichlorofluoromethane	1.93	101	93914	19.23	ug/l	100
8) Diethyl Ether	2.19	74	31505	17.84	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53322	18.64	ug/l	95
10) Methyl Iodide	2.51	142	52981	20.53	ug/l	97
11) Tert butyl alcohol	3.08	59	70181	106.20	ug/l	98
12) 1,1-Dichloroethene	2.37	96	48329	18.57	ug/l	90
13) Acrolein	2.29	56	40010	75.13	ug/l	100
14) Allyl chloride	2.73	41	85105	17.65	ug/l	95
15) Acrylonitrile	3.15	53	143557	97.28	ug/l	99
16) Acetone	2.45	43	133882	103.45	ug/l	98
17) Carbon Disulfide	2.57	76	124666	17.24	ug/l	100
18) Methyl Acetate	2.78	43	79557	21.79	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	162085	18.64	ug/l	100
20) Methylene Chloride	2.86	84	53412	19.71	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	51560	18.58	ug/l	94
22) Diisopropyl ether	3.88	45	165657	16.89	ug/l	98
23) Vinyl Acetate	3.83	43	707425	84.95	ug/l	98
24) 1,1-Dichloroethane	3.70	63	94583	18.53	ug/l	99
25) 2-Butanone	4.71	43	238143	103.99	ug/l	95
26) 2,2-Dichloropropane	4.59	77	51431	11.52	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	66088	19.38	ug/l	90
28) Bromochloromethane	5.03	49	52681	20.48	ug/l	87
29) Tetrahydrofuran	5.17	42	149492	100.58	ug/l	96
30) Chloroform	5.22	83	110133	19.61	ug/l	99
31) Cyclohexane	5.57	56	90203	18.87	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	96148	19.41	ug/l	98
36) 1,1-Dichloropropene	5.80	75	78126	18.25	ug/l	98
37) Ethyl Acetate	4.87	43	88869	18.94	ug/l	98
38) Carbon Tetrachloride	5.79	117	87188	18.62	ug/l	95

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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	85623	16.98	ug/l	98
40) Benzene	6.15	78	238775	18.82	ug/l	99
41) Methacrylonitrile	5.07	41	49022	19.08	ug/l	95
42) 1,2-Dichloroethane	6.20	62	87680	18.50	ug/l	97
43) Isopropyl Acetate	6.48	43	135700	18.41	ug/l	96
44) Trichloroethene	7.22	130	70916	18.90	ug/l	98
45) 1,2-Dichloropropane	7.52	63	60793	18.43	ug/l	100
46) Dibromomethane	7.67	93	42050	18.71	ug/l	94
47) Bromodichloromethane	7.90	83	77195	18.61	ug/l	97
48) Methyl methacrylate	7.78	41	71156	18.83	ug/l	93
49) 1,4-Dioxane	7.76	88	31046	392.87	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	459144	100.08	ug/l	97
52) Toluene	8.79	92	153612	19.16	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	83589	17.13	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	75361	16.97	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	62744	18.86	ug/l	96
56) Ethyl methacrylate	9.18	69	85342	18.73	ug/l	91
57) 1,3-Dichloropropane	9.38	76	101548	18.95	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	228510	103.96	ug/l	97
59) 2-Hexanone	9.50	43	351513	100.88	ug/l	96
60) Dibromochloromethane	9.59	129	62431	17.97	ug/l	98
61) 1,2-Dibromoethane	9.68	107	66191	18.99	ug/l	100
64) Tetrachloroethene	9.34	164	87912	21.20	ug/l	97
65) Chlorobenzene	10.14	112	176098	18.90	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	64132	19.07	ug/l	99
67) Ethyl Benzene	10.26	91	286200	18.99	ug/l	99
68) m/p-Xylenes	10.36	106	226923	38.71	ug/l	98
69) o-Xylene	10.70	106	109470	19.27	ug/l	95
70) Styrene	10.71	104	177416	19.26	ug/l	99
71) Bromoform	10.86	173	48897	17.68	ug/l #	100
73) Isopropylbenzene	11.02	105	295206	19.27	ug/l	100
74) N-amyl acetate	6.48	43	135700	18.57	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	91072	19.17	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	98198	23.42	ug/l	81
77) Bromobenzene	11.26	156	85000	19.22	ug/l	94
78) n-propylbenzene	11.37	91	328483	19.28	ug/l	98
79) 2-Chlorotoluene	11.43	91	198464	19.13	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	245200	19.22	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18755	14.62	ug/l	97
82) 4-Chlorotoluene	11.51	91	231152	19.08	ug/l	98
83) tert-Butylbenzene	11.77	119	234755	18.42	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	251292	19.24	ug/l	97
85) sec-Butylbenzene	11.95	105	284642	18.90	ug/l	99
86) p-Isopropyltoluene	12.07	119	262108	19.10	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	152518	18.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	152652	18.58	ug/l	99
89) n-Butylbenzene	12.39	91	204886	17.87	ug/l	99
90) Hexachloroethane	12.60	117	35947	17.16	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	152662	18.74	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19104	18.74	ug/l	92

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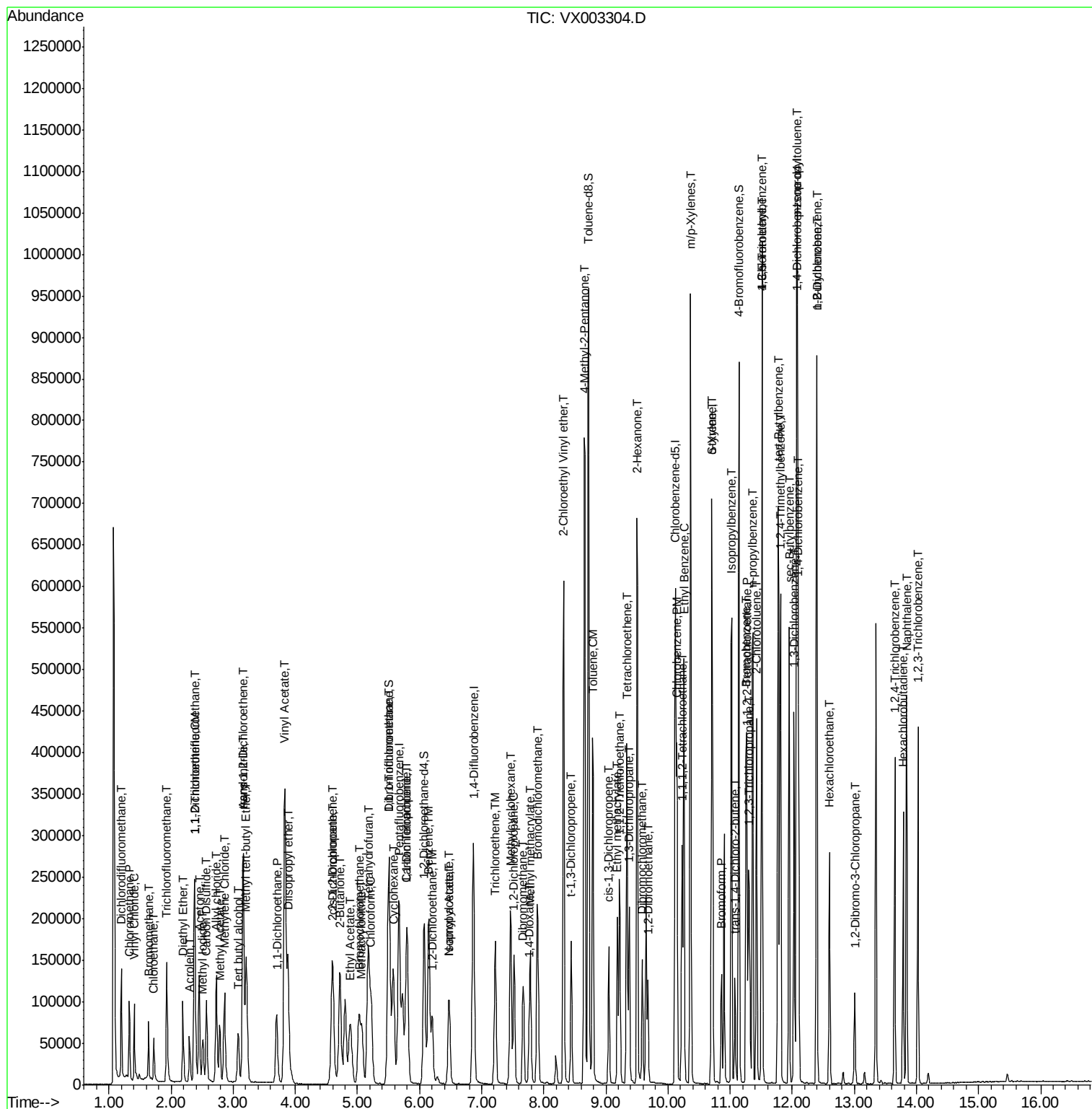
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

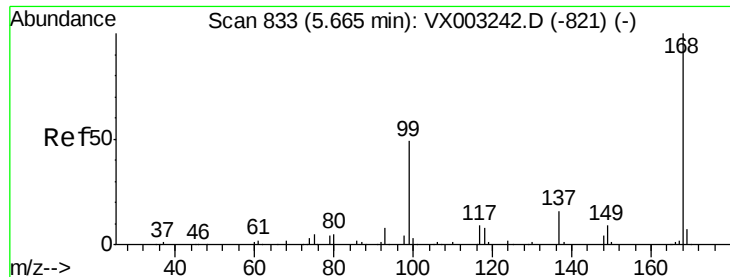
Quant Time: Jul 11 04:56:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107811	18.18	ug/l	99
94) Hexachlorobutadiene	13.79	225	52164	17.67	ug/l	98
95) Naphthalene	13.84	128	294969	19.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110247	18.64	ug/l	100

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

Quant Time: Jul 11 01:23:23 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

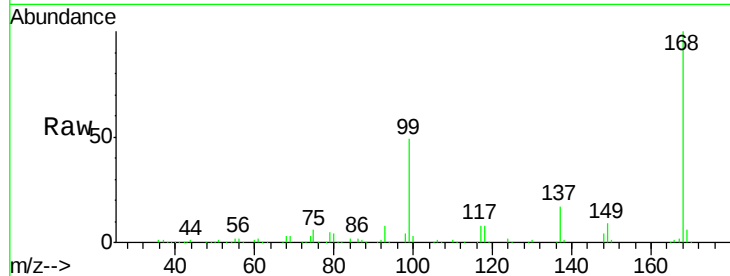
VX0710WBS02

Tot Ion:168 Resp: 231624

Ion Ratio Lower Upper

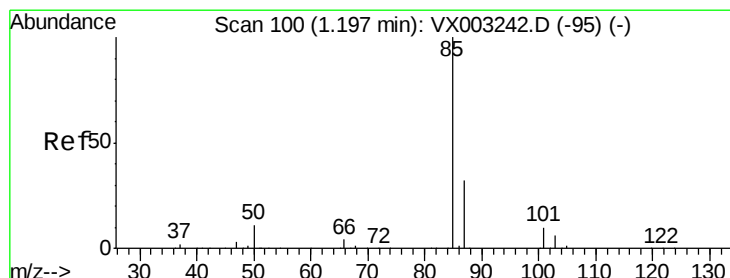
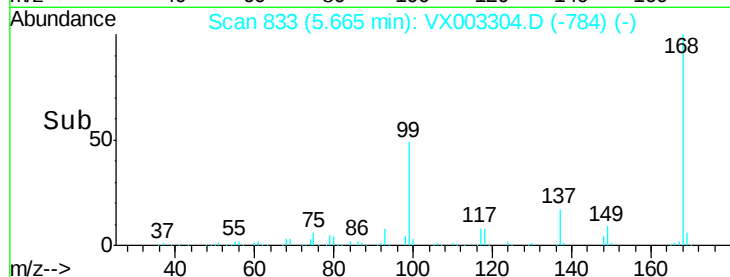
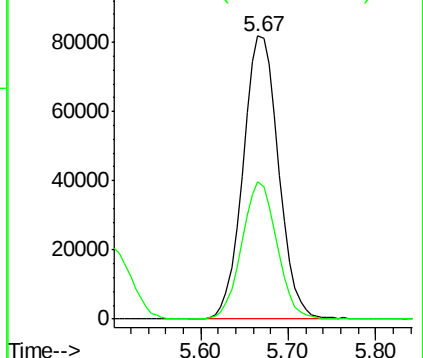
168 100

99 48.5 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: 20.23 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003304.D

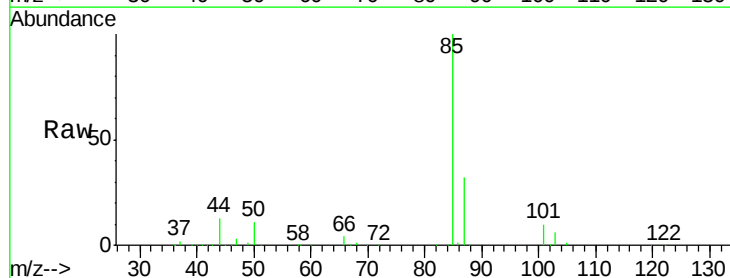
Acq: 11 Jul 2018 01:03

Tgt Ion: 85 Resp: 71237

Ion Ratio Lower Upper

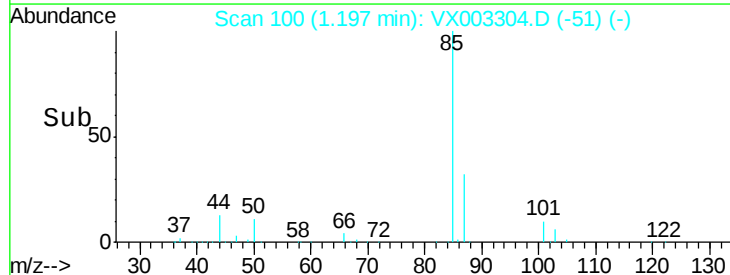
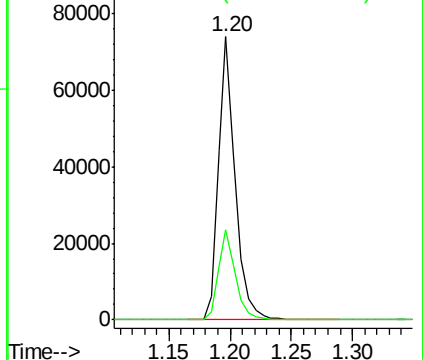
85 100

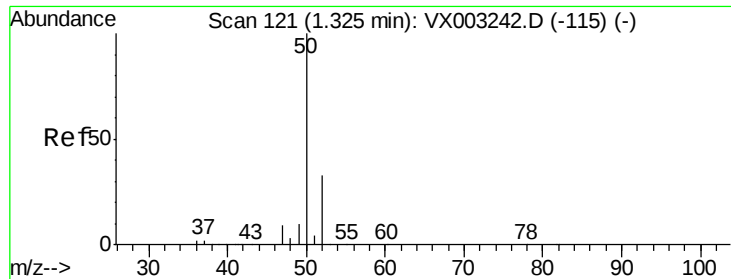
87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.50 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

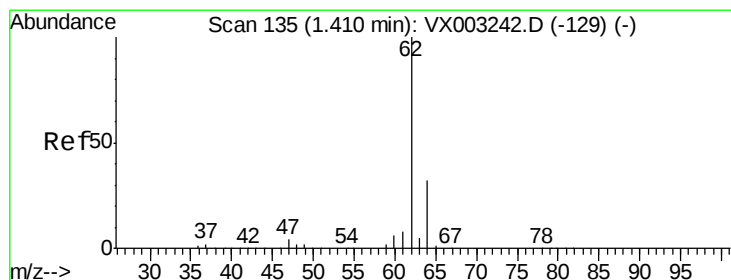
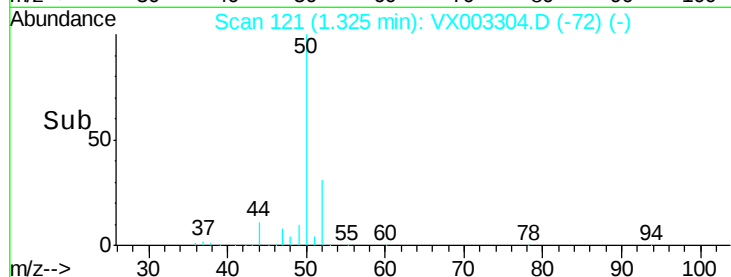
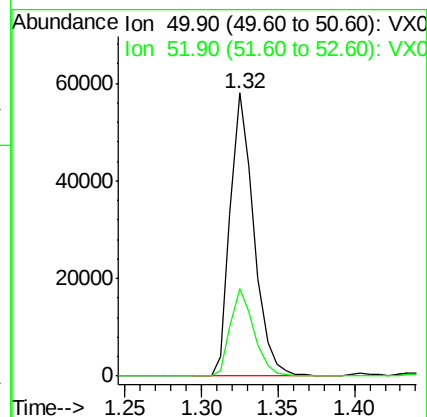
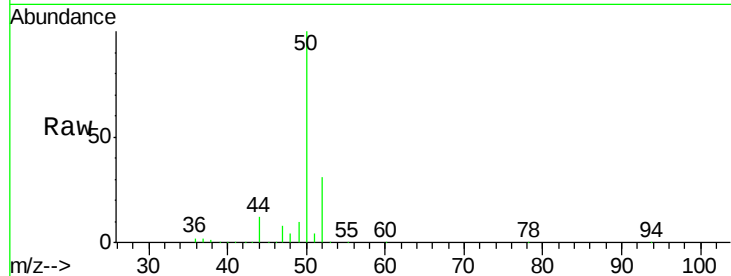
VX0710WBS02

Tot Ion: 50 Resp: 62441

Ion Ratio Lower Upper

50 100

52 30.7 25.7 38.5



#4

Vinyl Chloride

Concen: 18.41 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003304.D

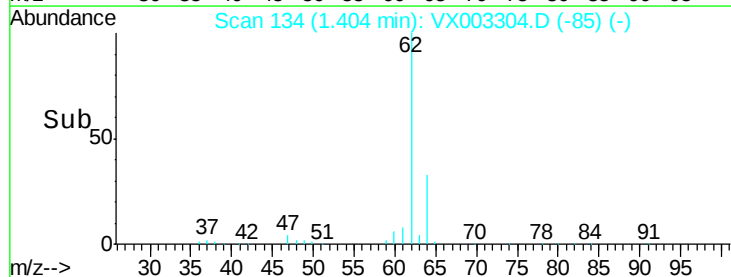
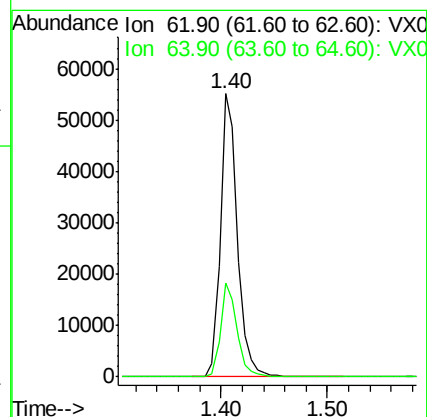
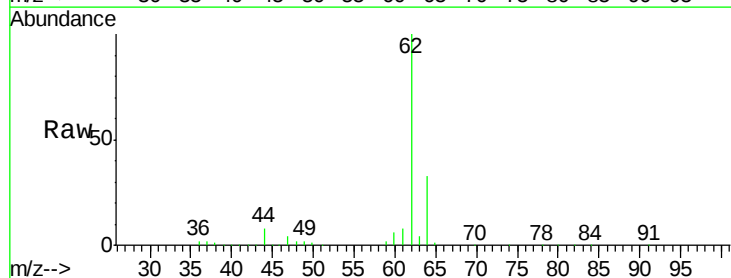
Acq: 11 Jul 2018 01:03

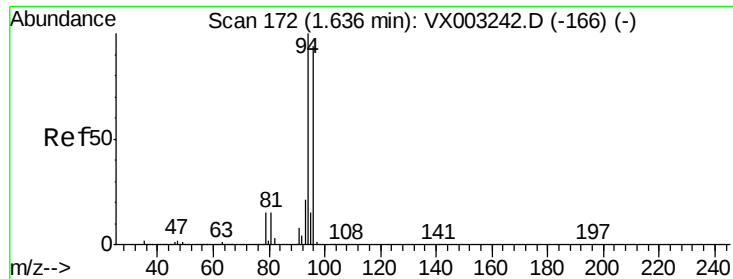
Tgt Ion: 62 Resp: 60498

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.2





#5

Bromomethane

Concen: 23.91 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

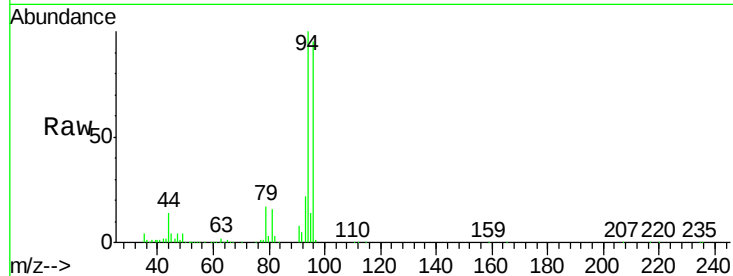
VX0710WBS02

Tot Ion: 94 Resp: 23167

Ion Ratio Lower Upper

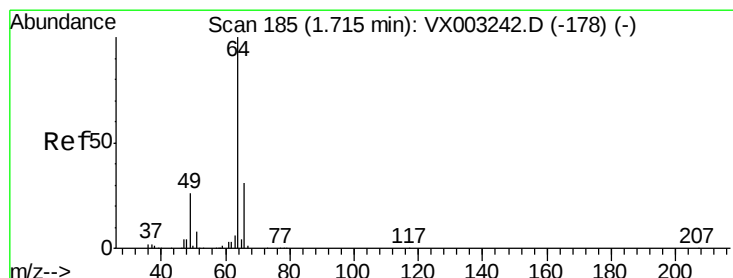
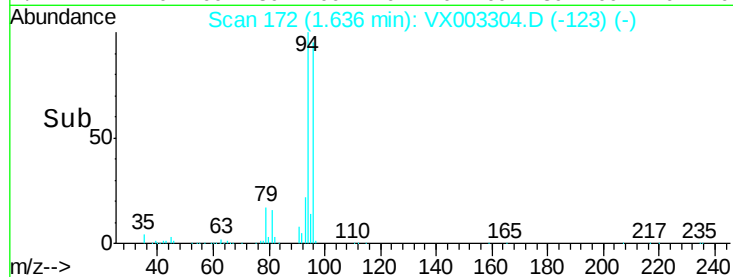
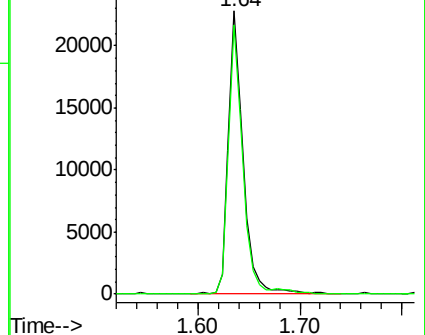
94 100

96 95.0 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: 18.40 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003304.D

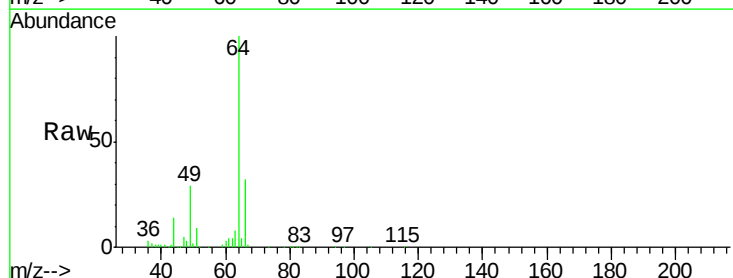
Acq: 11 Jul 2018 01:03

Tgt Ion: 64 Resp: 33503

Ion Ratio Lower Upper

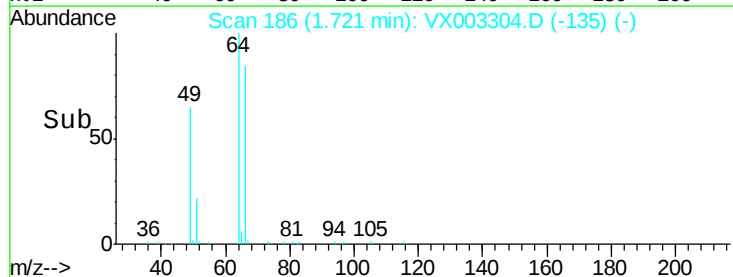
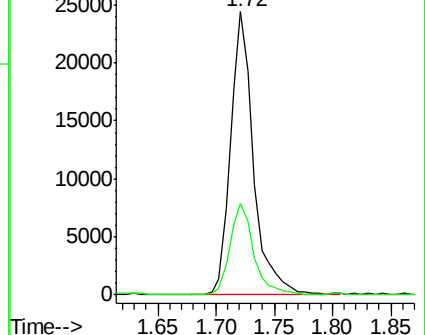
64 100

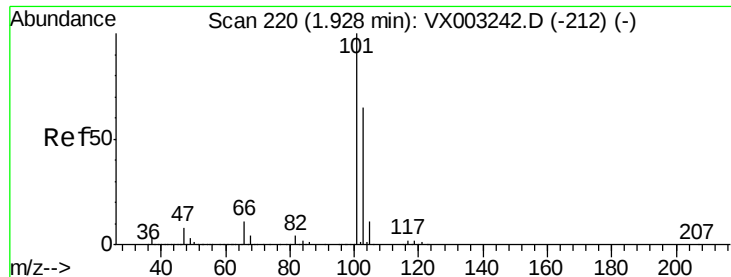
66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 19.23 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

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ClientSampleId :

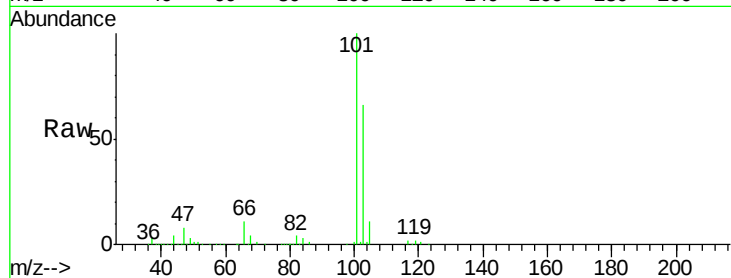
VX0710WBS02

Tot Ion:101 Resp: 93914

Ion Ratio Lower Upper

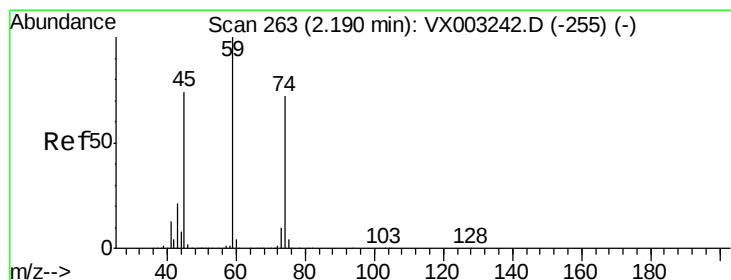
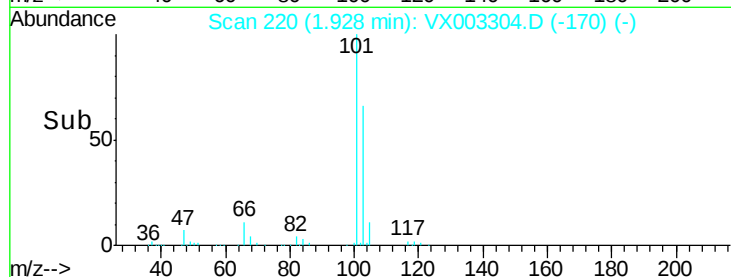
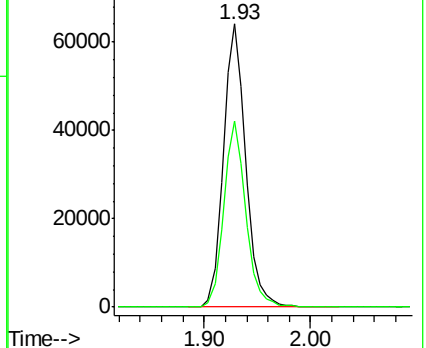
101 100

103 65.6 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 17.84 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003304.D

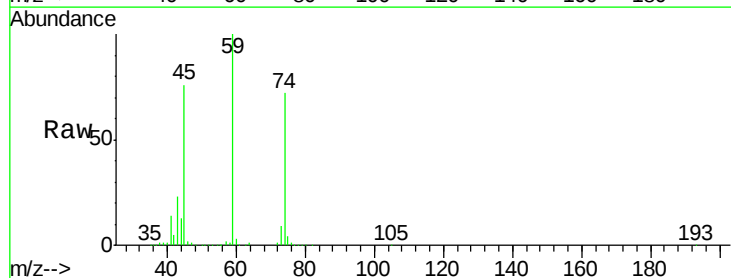
Acq: 11 Jul 2018 01:03

Tgt Ion: 74 Resp: 31505

Ion Ratio Lower Upper

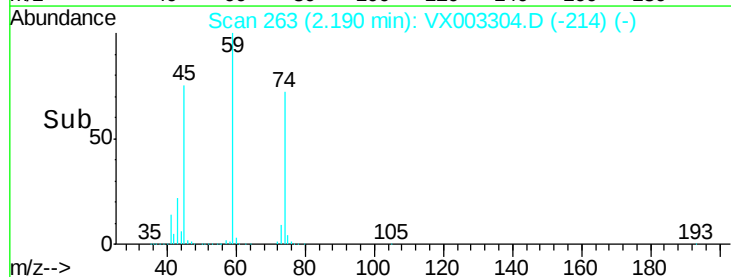
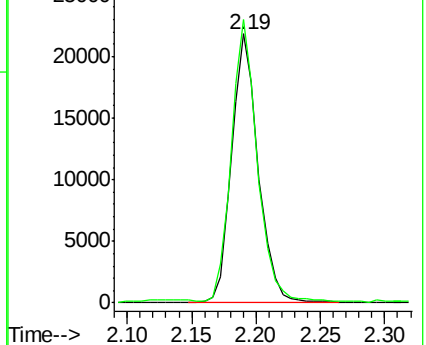
74 100

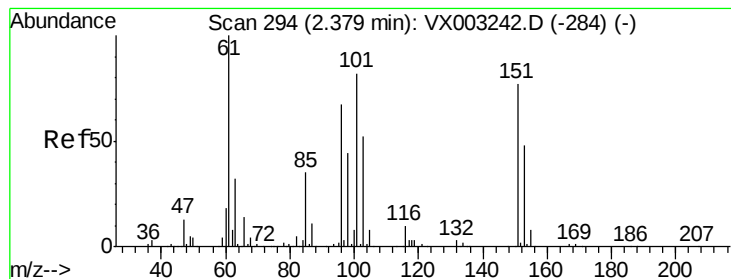
45 102.2 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.64 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

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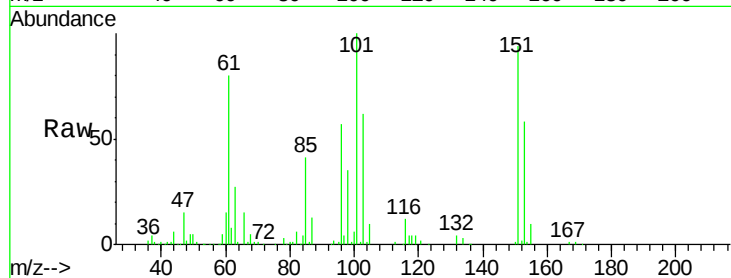
Tot Ion:101 Resp: 53322

Ion Ratio Lower Upper

101 100

85 41.9 36.0 54.0

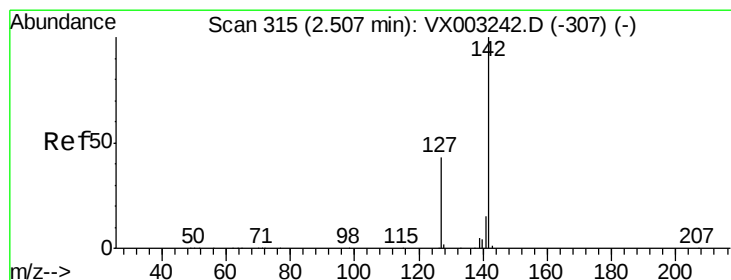
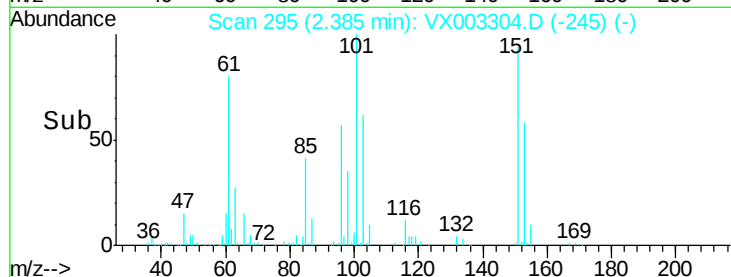
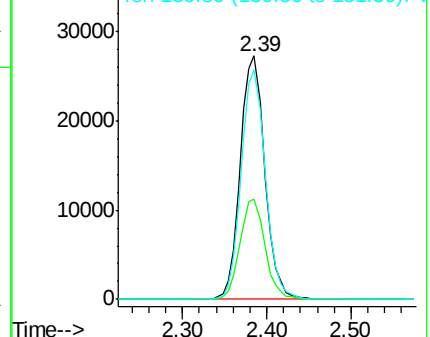
151 93.1 70.9 106.3



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: 20.53 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

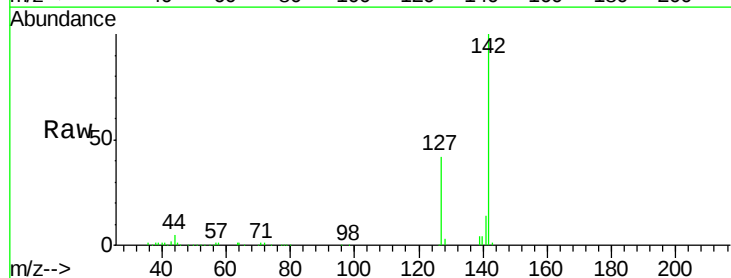
Tgt Ion:142 Resp: 52981

Ion Ratio Lower Upper

142 100

127 43.1 36.6 55.0

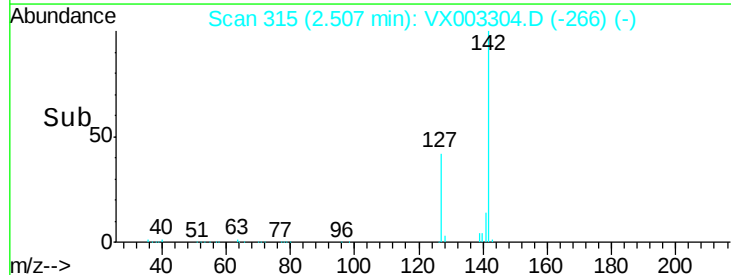
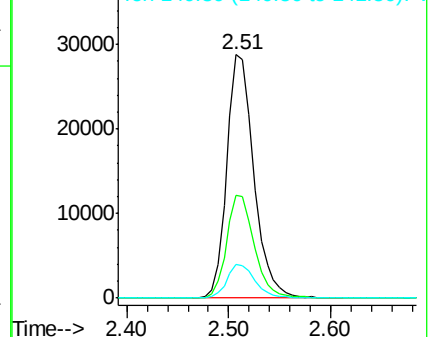
141 14.4 11.3 16.9

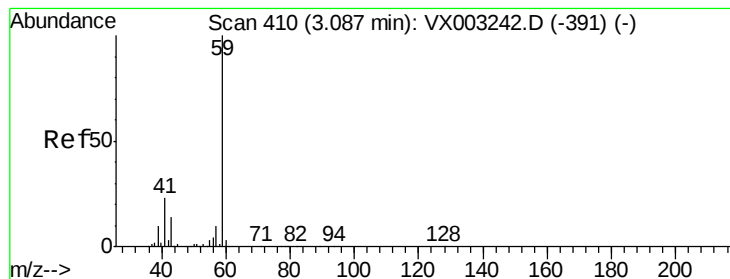


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 106.20 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampled :

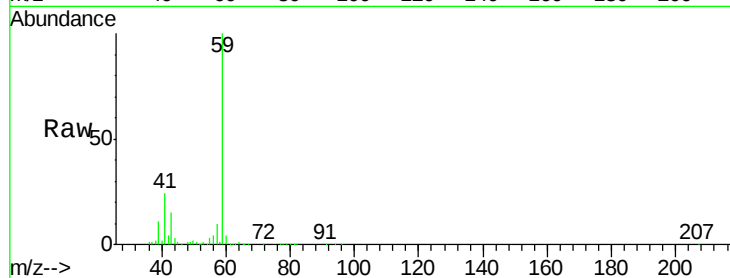
VX0710WBS02

Tot Ion: 59 Resp: 70181

Ion Ratio Lower Upper

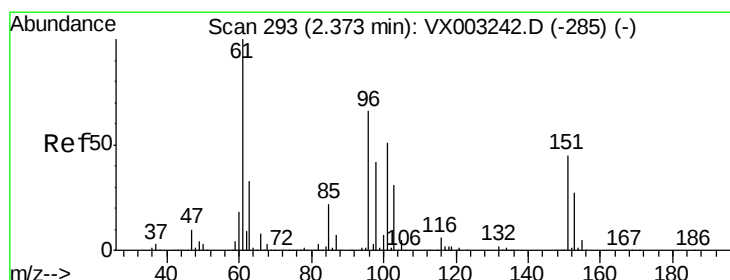
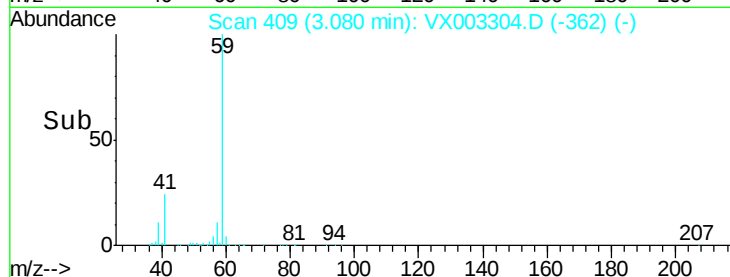
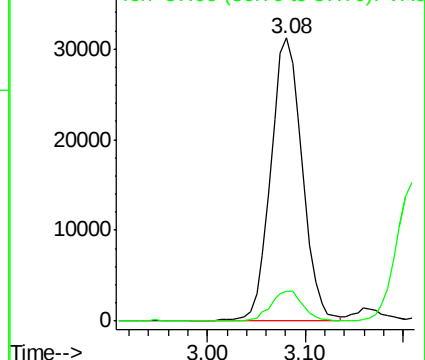
59 100

57 11.1 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 18.57 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

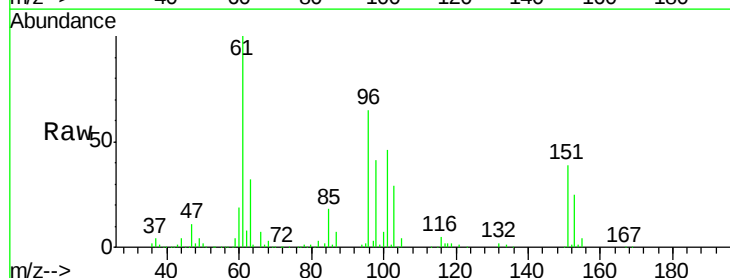
Tgt Ion: 96 Resp: 48329

Ion Ratio Lower Upper

96 100

61 154.1 137.9 206.9

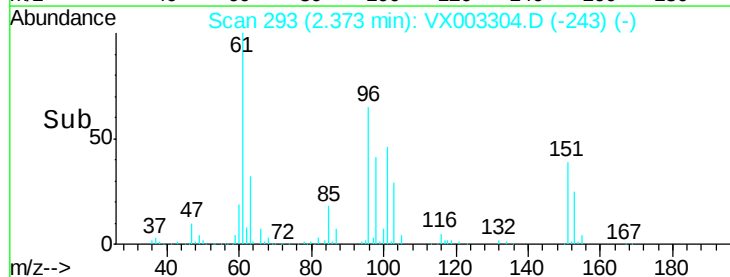
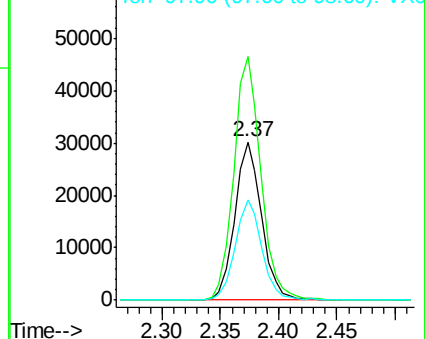
98 63.1 51.6 77.4

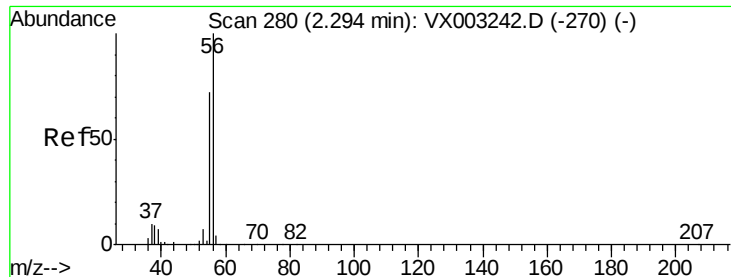


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 75.13 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

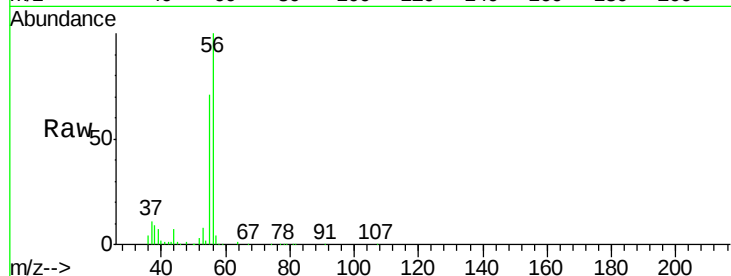
VX0710WBS02

Tot Ion: 56 Resp: 40010

Ion Ratio Lower Upper

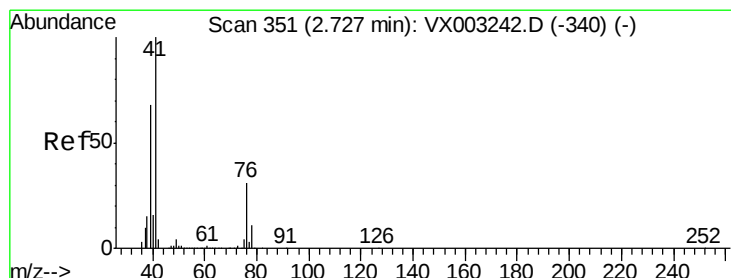
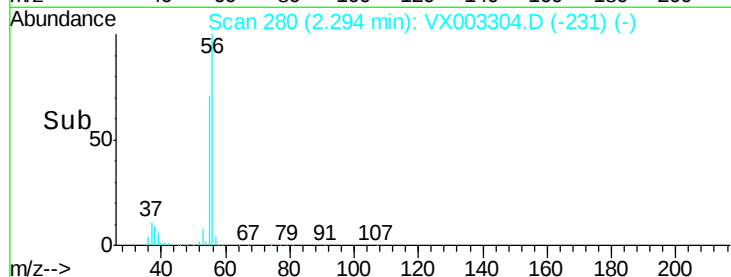
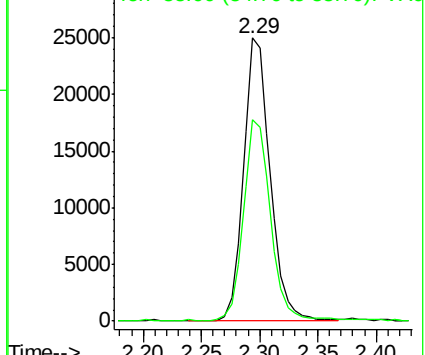
56 100

55 71.1 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.65 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

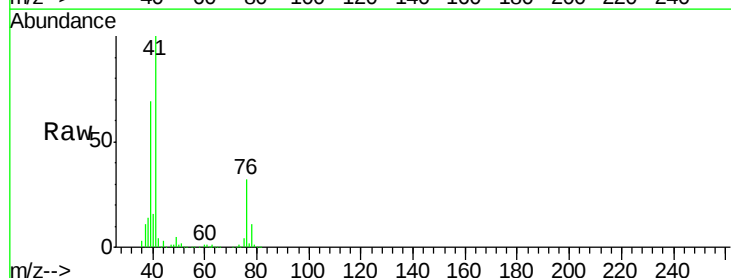
Tgt Ion: 41 Resp: 85105

Ion Ratio Lower Upper

41 100

39 66.6 56.8 85.2

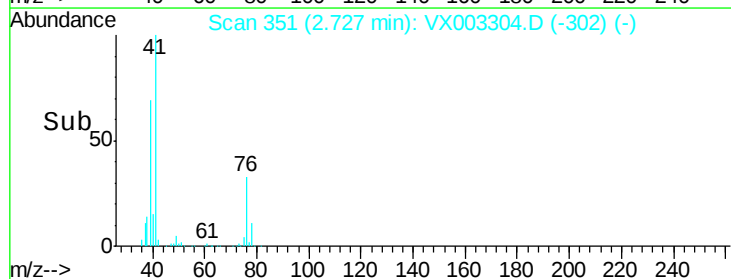
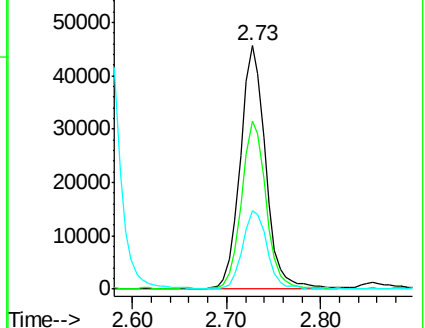
76 31.9 23.8 35.8

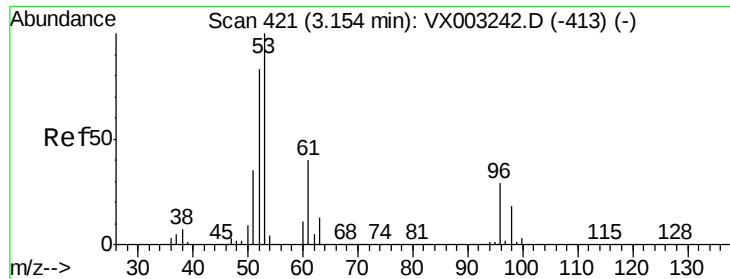


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

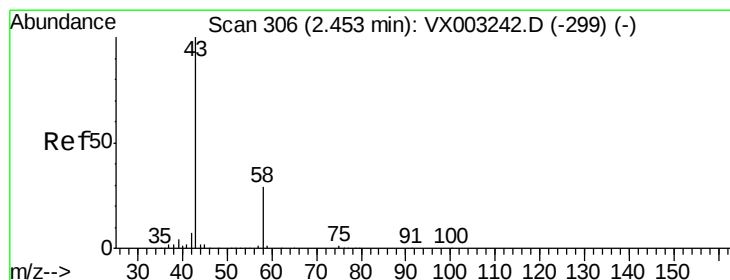
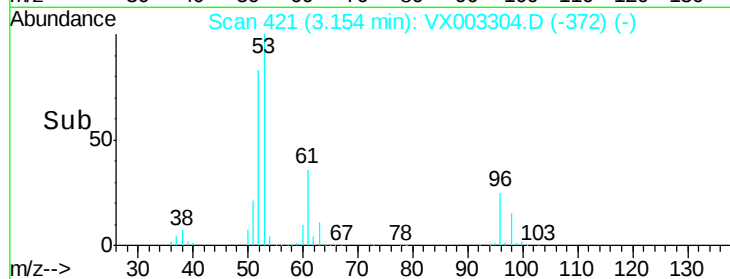
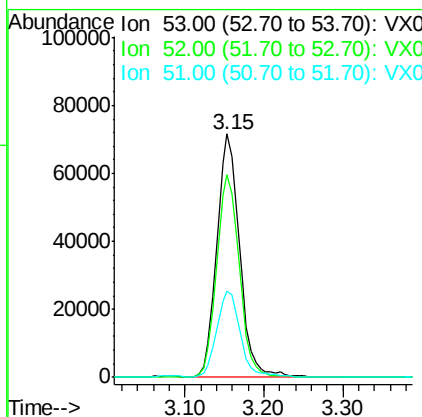
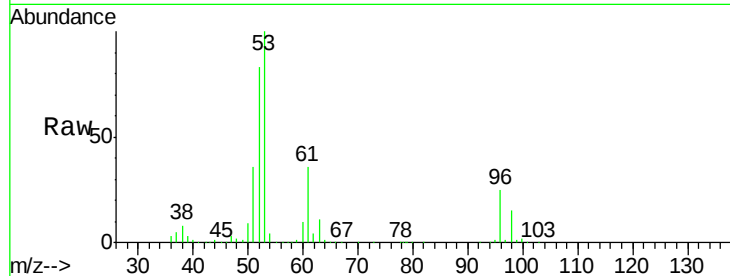




#15
 Acrylonitrile
 Concen: 97.28 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

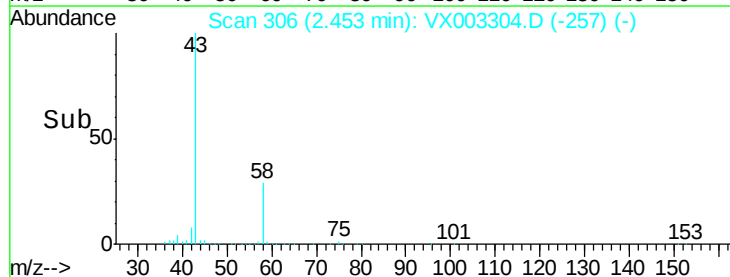
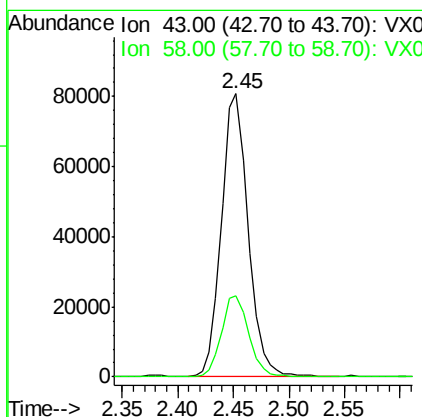
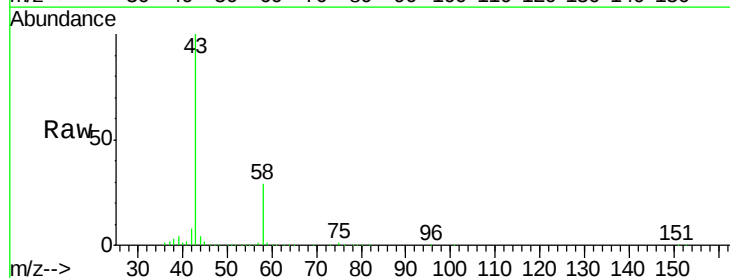
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

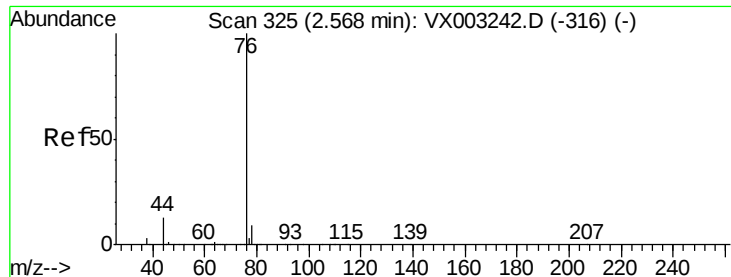
Tot Ion:	53	Resp:	143557
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.7	100.1
51	36.9	29.9	44.9



#16
 Acetone
 Concen: 103.45 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion:	43	Resp:	133882
Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.1	33.1





#17

Carbon Disulfide

Concen: 17.24 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

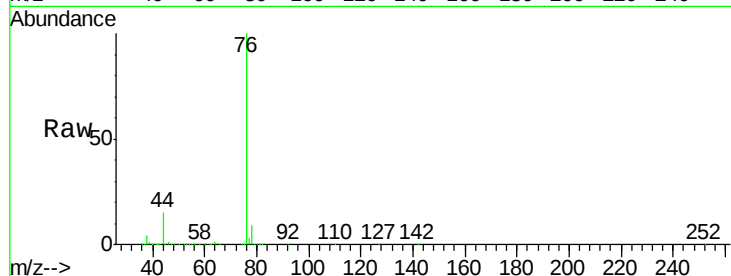
VX0710WBS02

Tot Ion: 76 Resp: 124666

Ion Ratio Lower Upper

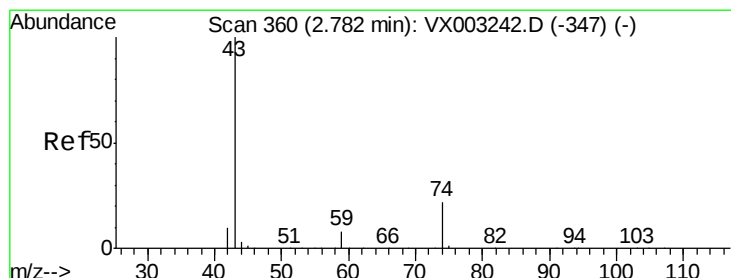
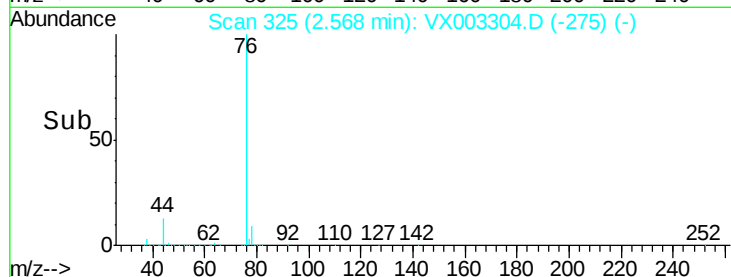
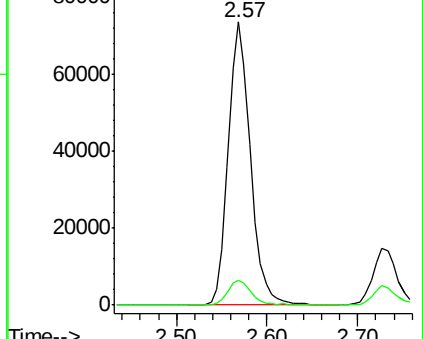
76 100

78 8.7 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: 21.79 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003304.D

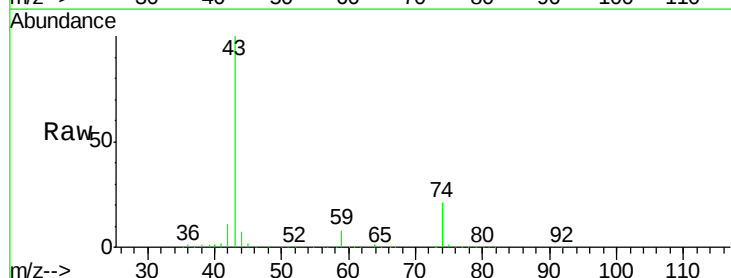
Acq: 11 Jul 2018 01:03

Tgt Ion: 43 Resp: 79557

Ion Ratio Lower Upper

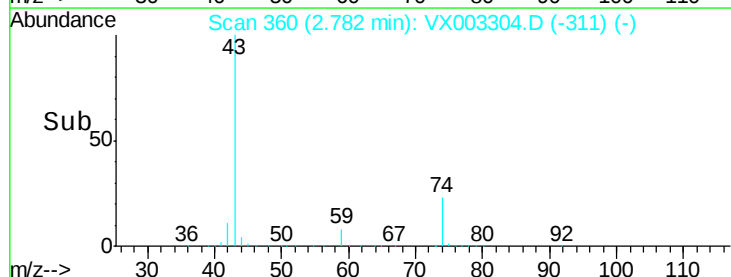
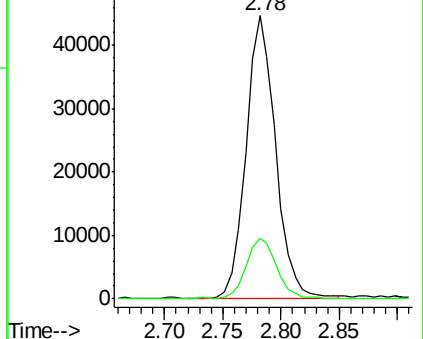
43 100

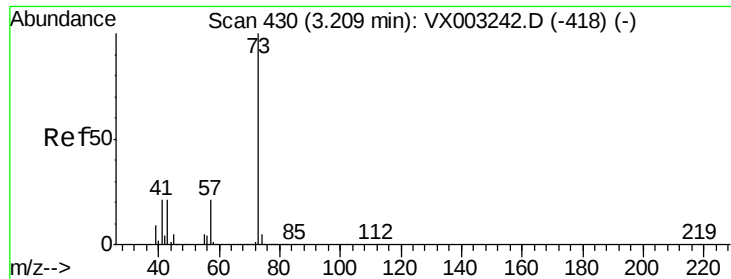
74 22.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

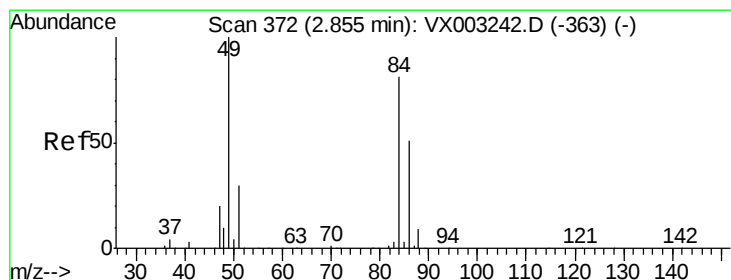
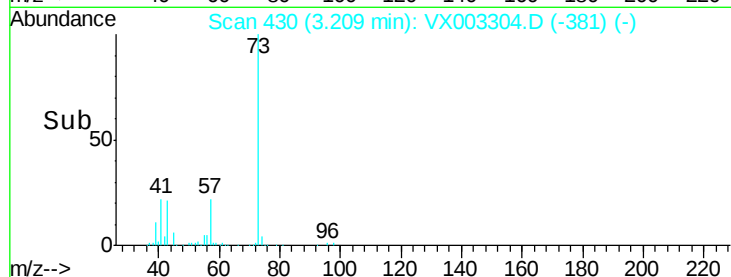
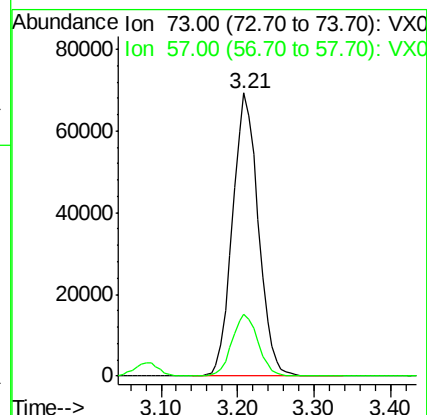
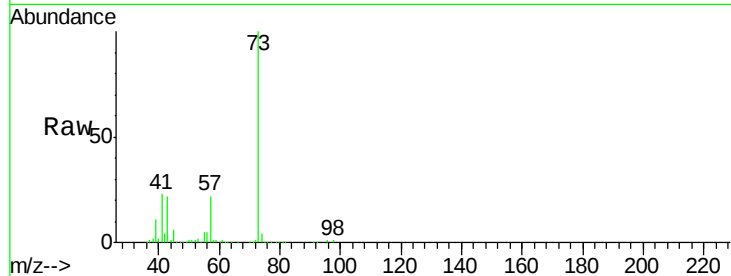




#19
Methyl tert-butyl Ether
Concen: 18.64 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

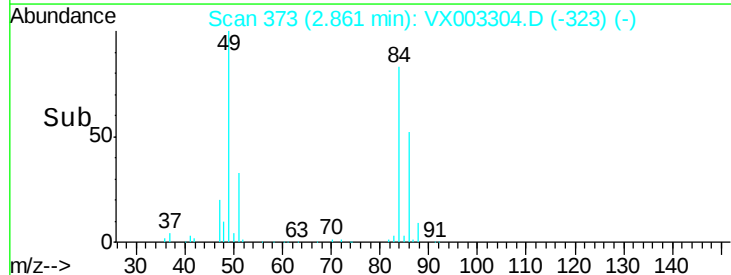
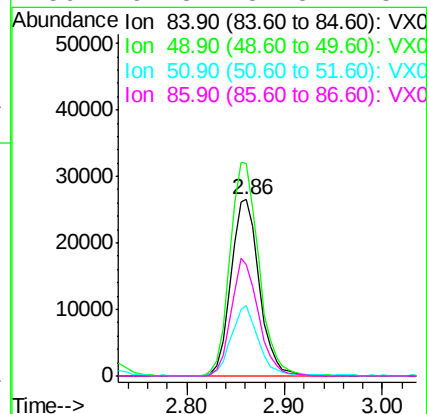
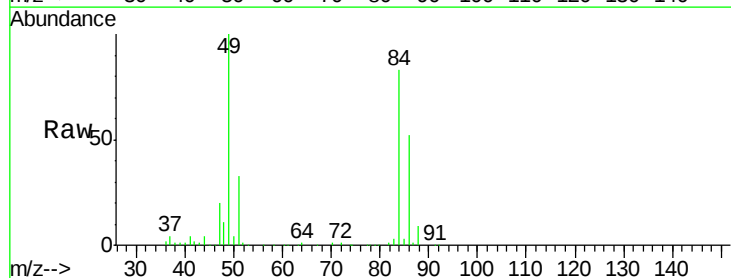
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

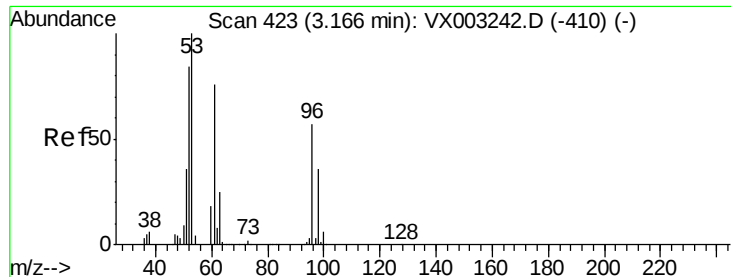
Tot Ion: 73 Resp: 162085
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 19.71 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion: 84 Resp: 53412
Ion Ratio Lower Upper
84 100
49 120.5 107.8 161.6
51 40.0 32.8 49.2
86 62.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.58 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

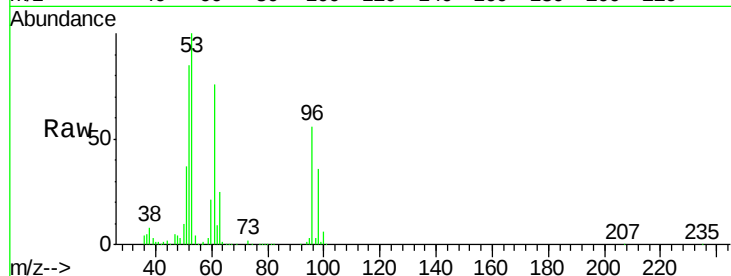
Tot Ion: 96 Resp: 51560

Ion Ratio Lower Upper

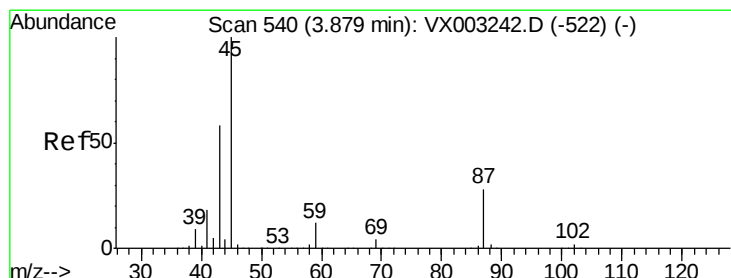
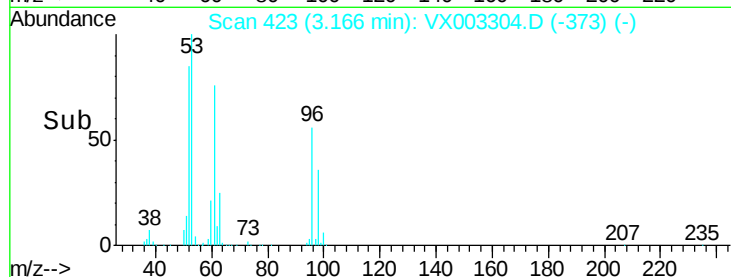
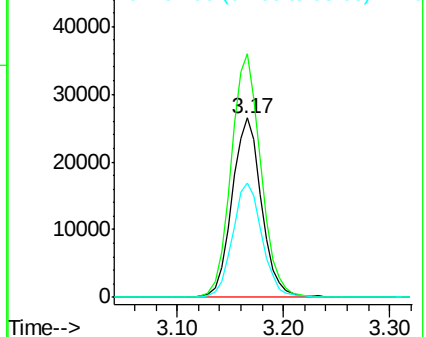
96 100

61 135.7 117.0 175.4

98 63.8 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: 16.89 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Tgt Ion: 45 Resp: 165657

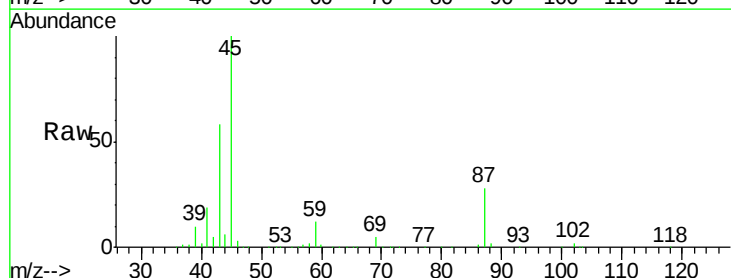
Ion Ratio Lower Upper

45 100

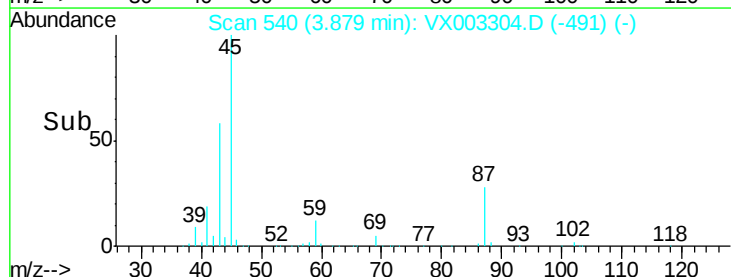
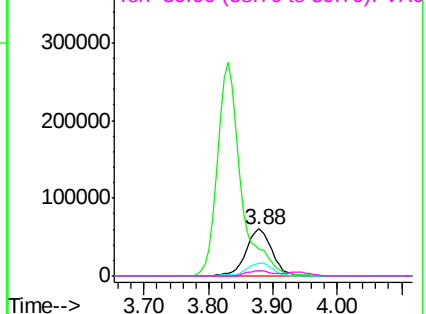
43 58.0 46.8 70.2

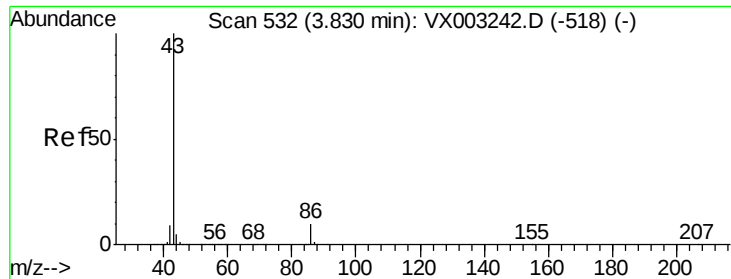
87 27.7 20.2 30.4

59 11.6 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: 84.95 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

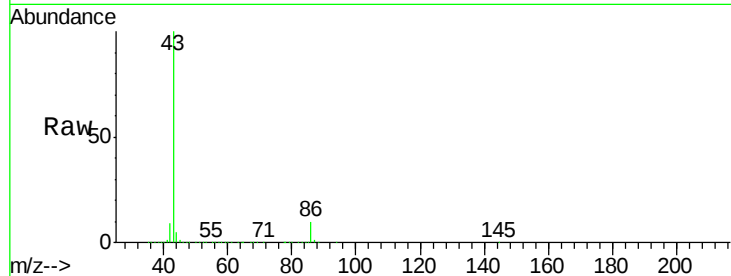
VX0710WBS02

Tot Ion: 43 Resp: 707425

Ion Ratio Lower Upper

43 100

86 10.0 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

250000

200000

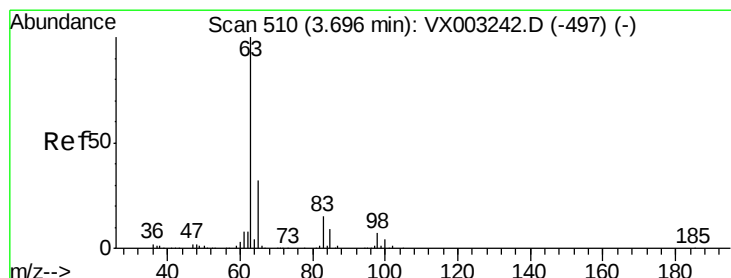
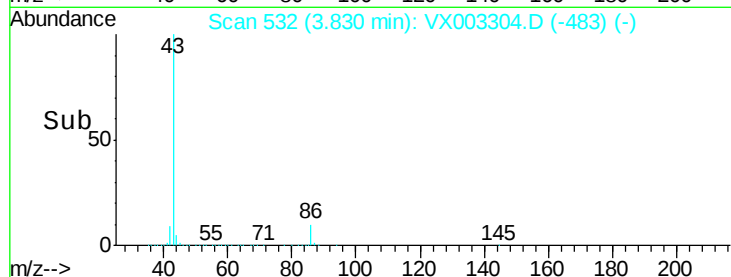
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.53 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

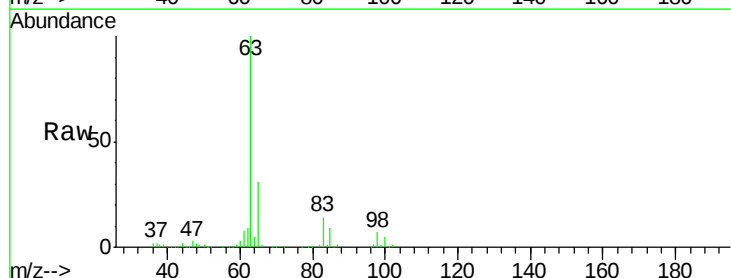
Tgt Ion: 63 Resp: 94583

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

40000

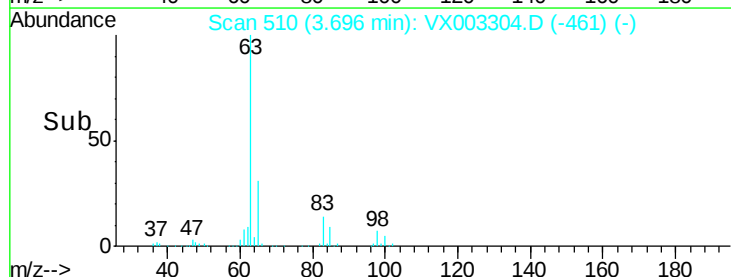
30000

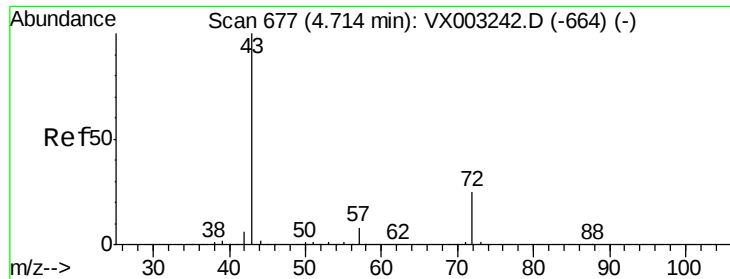
20000

10000

0

Time-->





#25

2-Butanone

Concen: 103.99 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

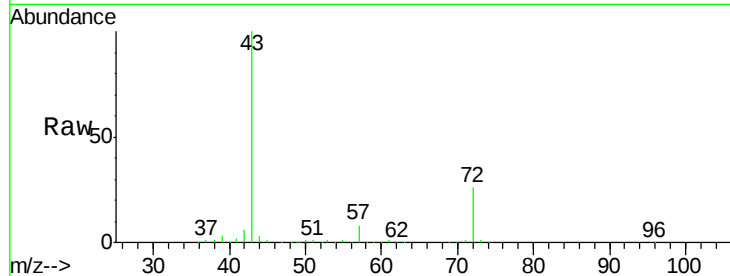
VX0710WBS02

Tot Ion: 43 Resp: 238143

Ion Ratio Lower Upper

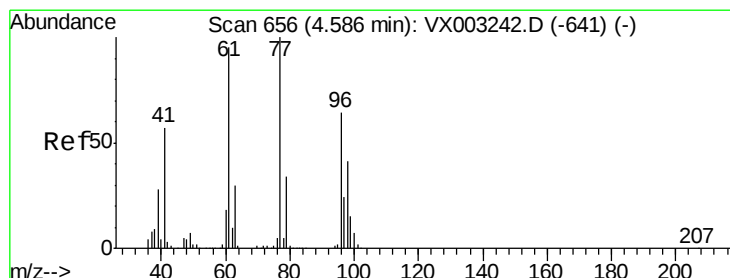
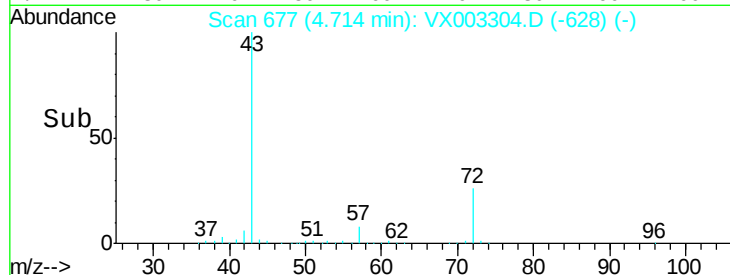
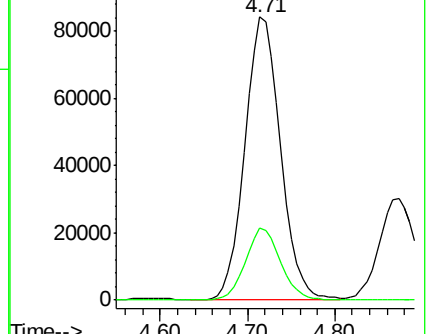
43 100

72 25.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 11.52 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003304.D

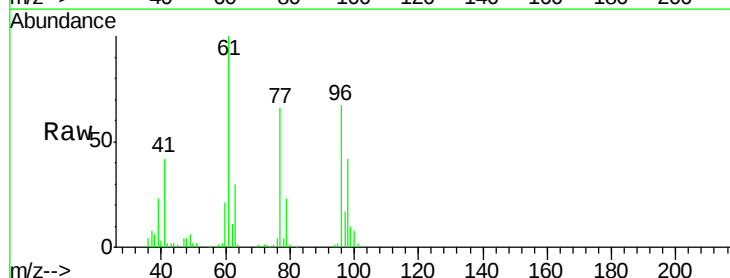
Acq: 11 Jul 2018 01:03

Tgt Ion: 77 Resp: 51431

Ion Ratio Lower Upper

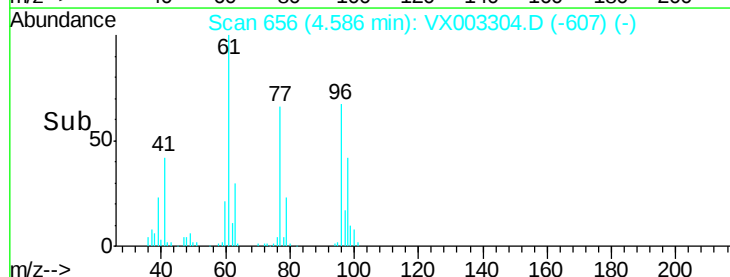
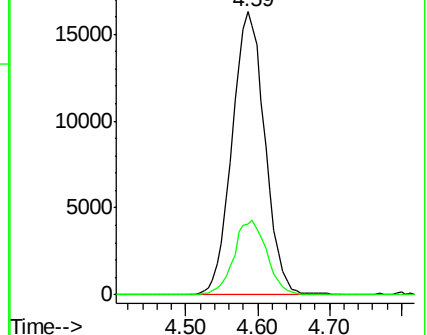
77 100

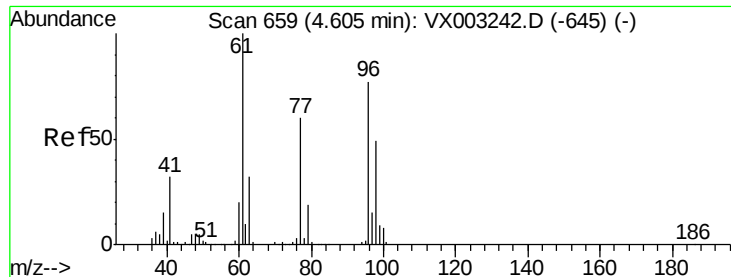
97 26.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.38 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

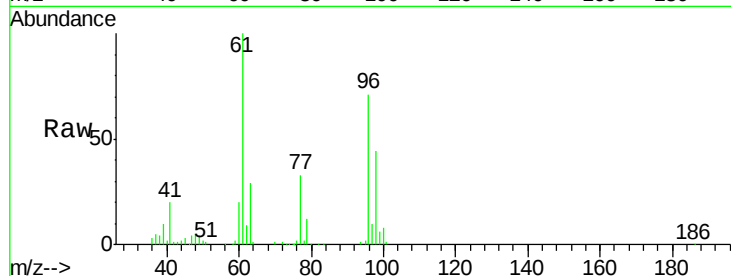
Tot Ion: 96 Resp: 66088

Ion Ratio Lower Upper

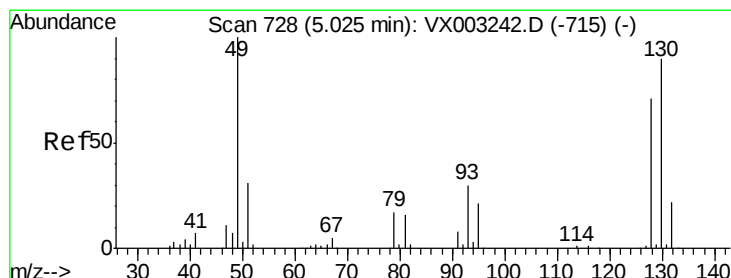
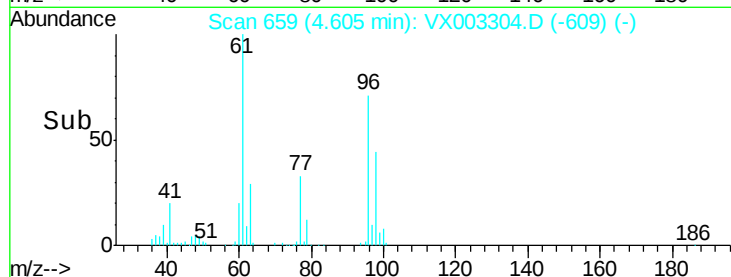
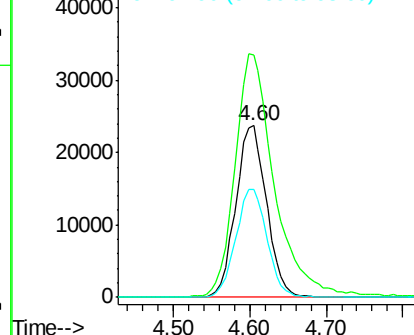
96 100

61 182.6 0.0 330.2

98 64.0 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.48 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

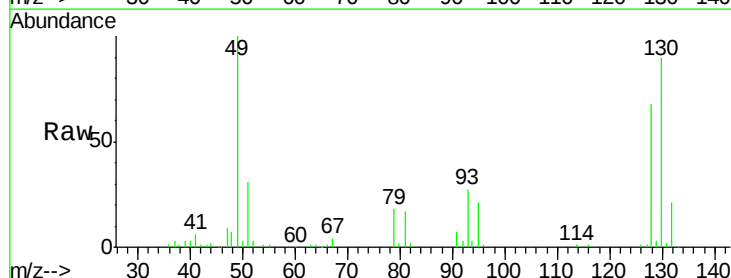
Tgt Ion: 49 Resp: 52681

Ion Ratio Lower Upper

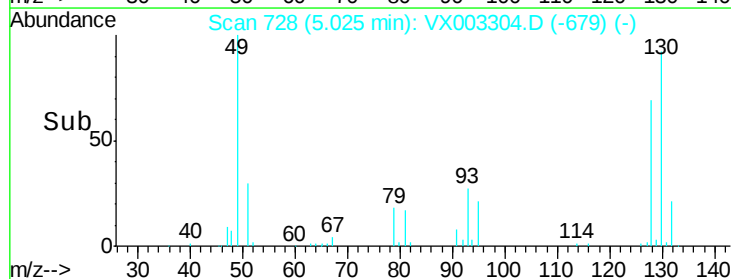
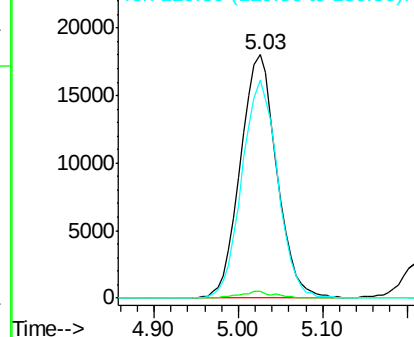
49 100

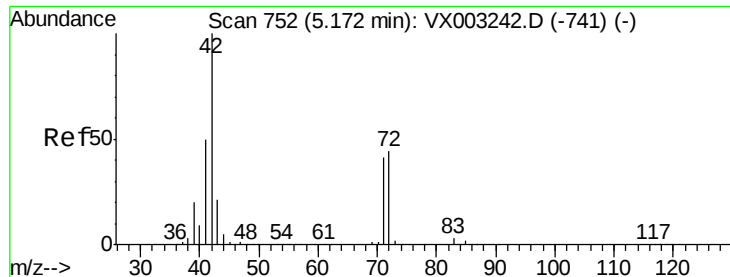
129 2.6 0.0 4.2

130 88.1 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

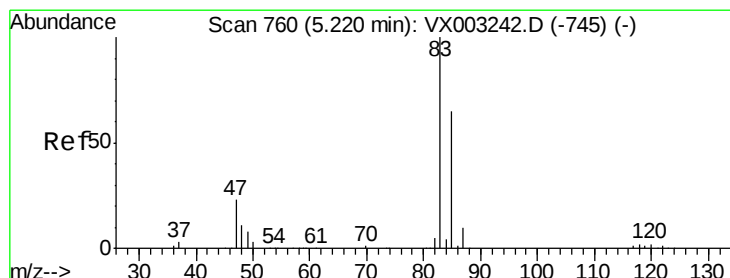
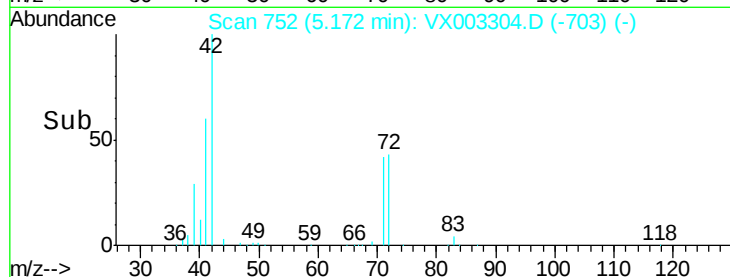
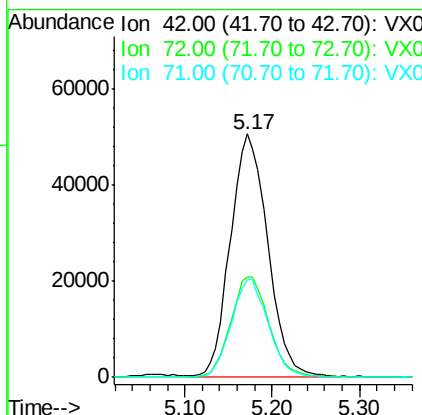
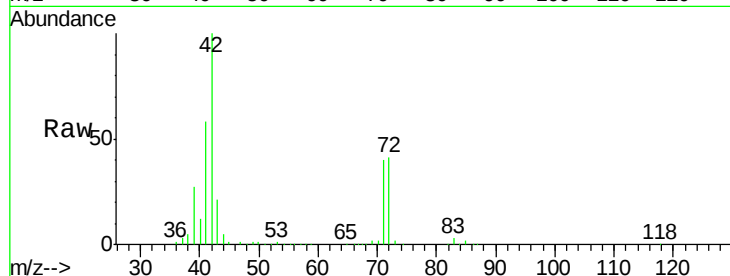




#29
Tetrahydrofuran
Concen: 100.58 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

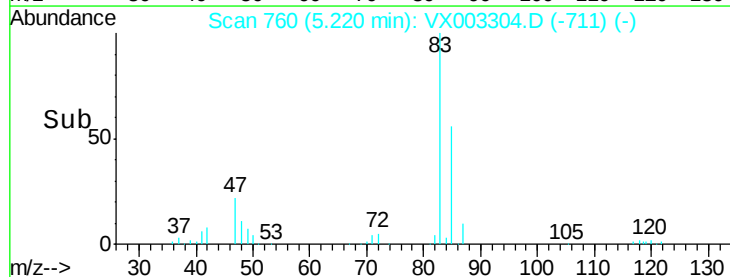
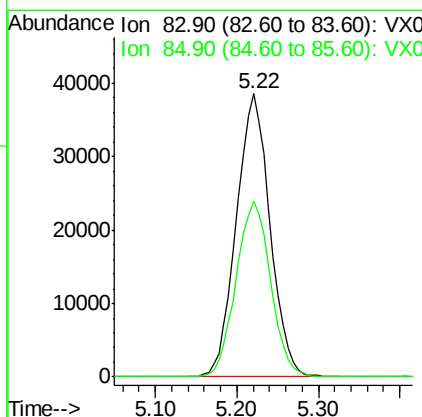
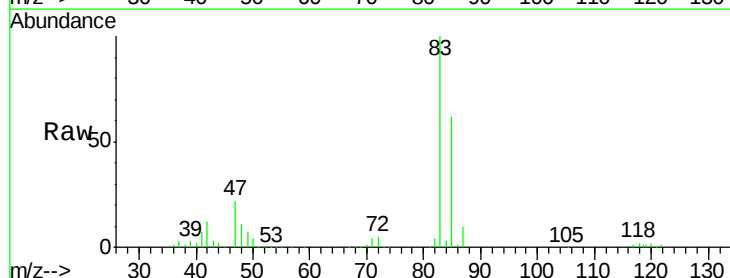
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

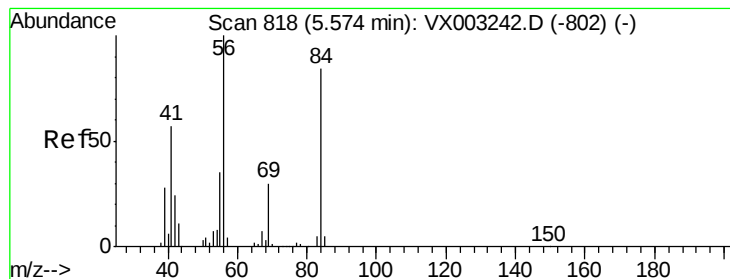
Tot Ion: 42 Resp: 149492
Ion Ratio Lower Upper
42 100
72 42.4 32.0 48.0
71 40.1 30.1 45.1



#30
Chloroform
Concen: 19.61 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion: 83 Resp: 110133
Ion Ratio Lower Upper
83 100
85 62.1 50.4 75.6





#31

Cyclohexane

Concen: 18.87 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampled :

VX0710WBS02

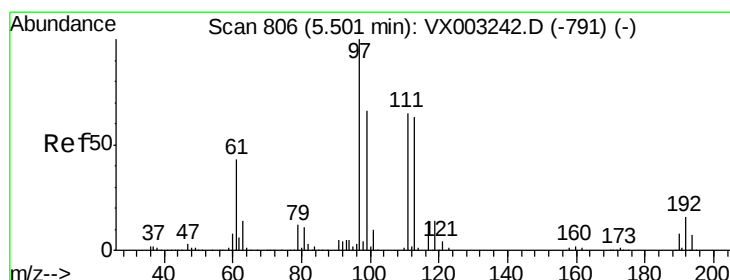
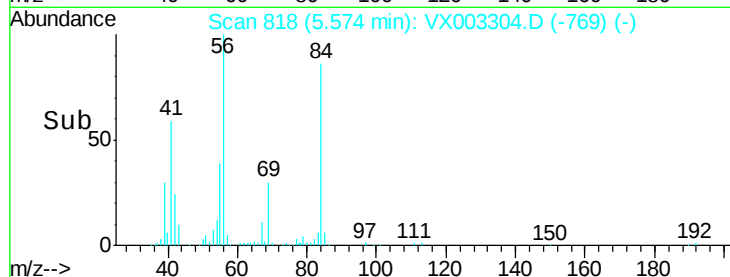
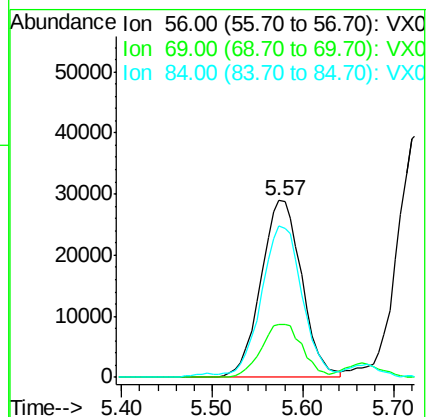
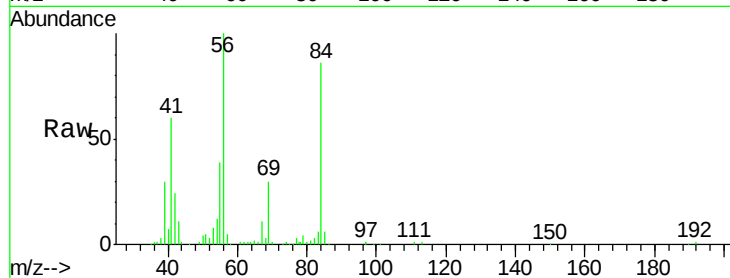
Tot Ion: 56 Resp: 90203

Ion Ratio Lower Upper

56 100

69 30.2 23.7 35.5

84 84.8 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 19.41 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

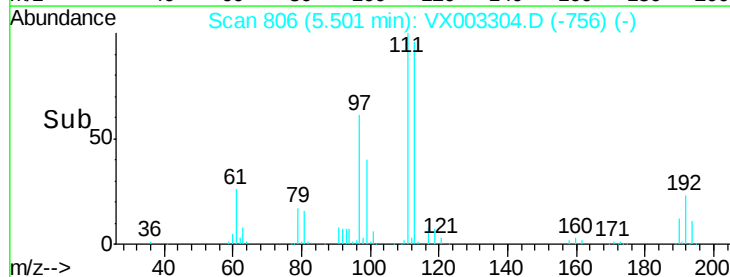
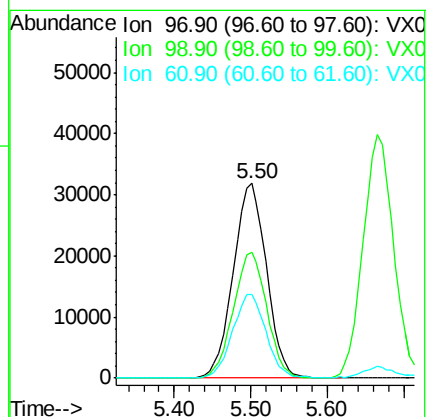
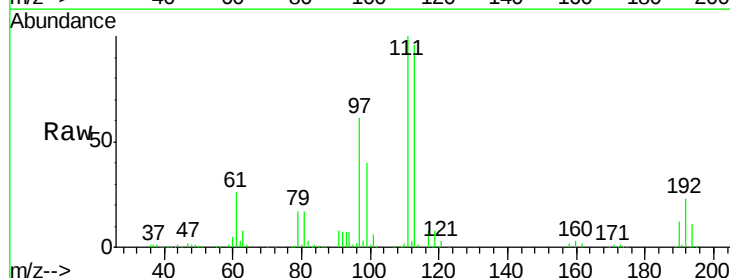
Tgt Ion: 97 Resp: 96148

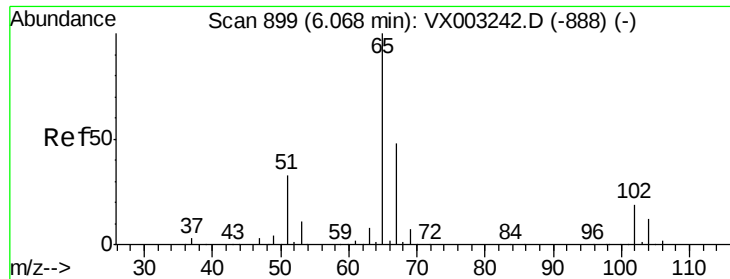
Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

61 43.2 36.4 54.6

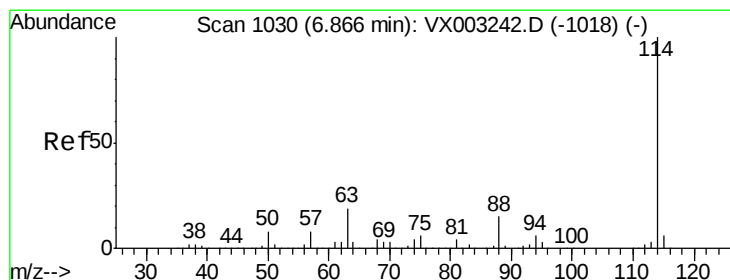
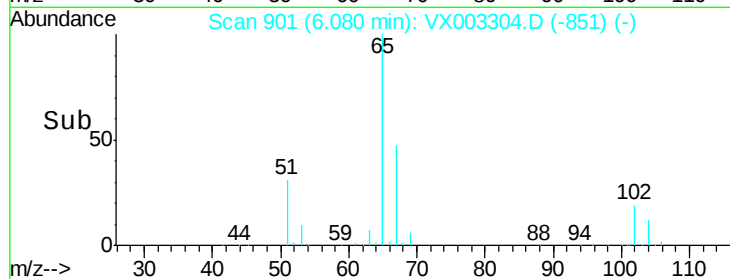
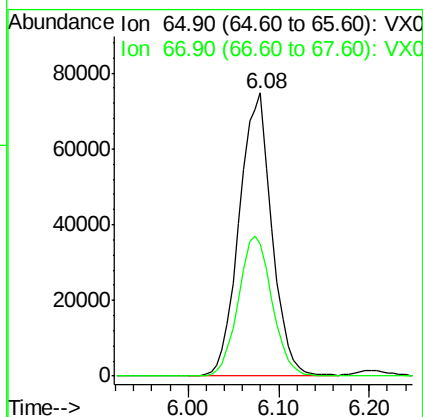
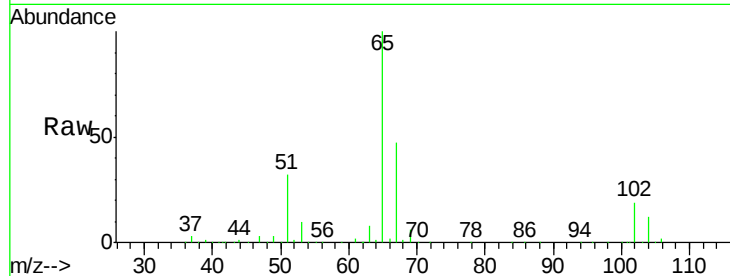




#33
 1,2-Dichloroethane-d4
 Concen: 51.04 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

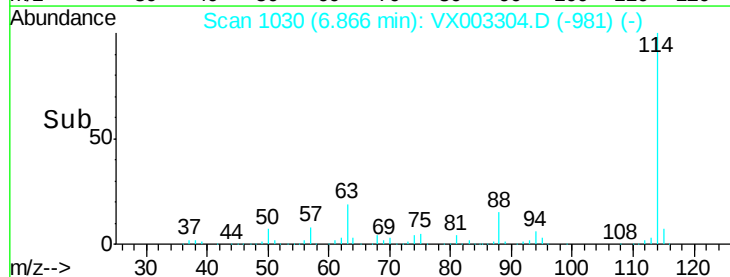
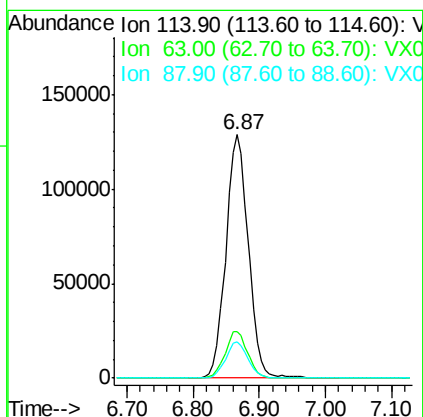
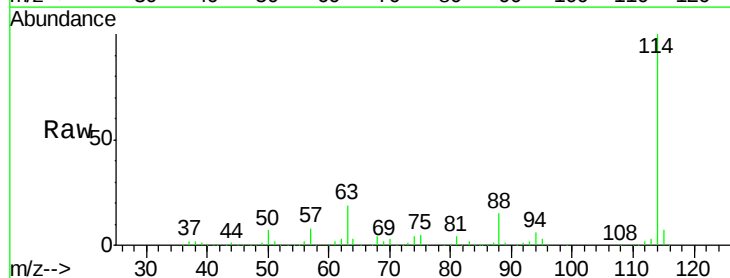
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

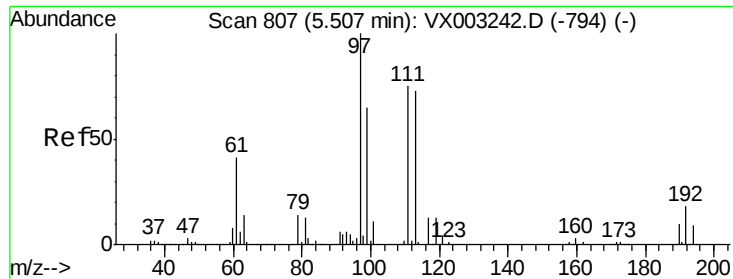
Tot Ion: 65 Resp: 186039
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion: 114 Resp: 302387
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.4
 88 15.0 0.0 30.0

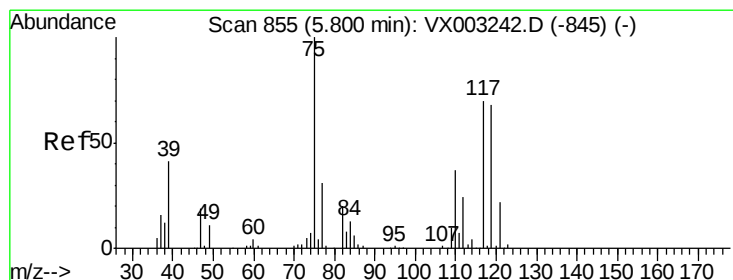
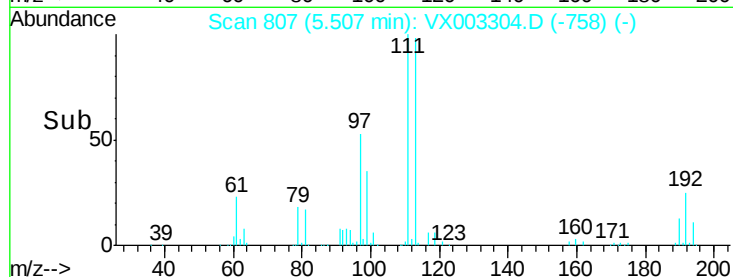
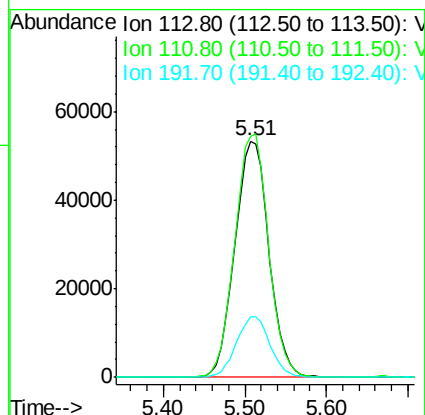
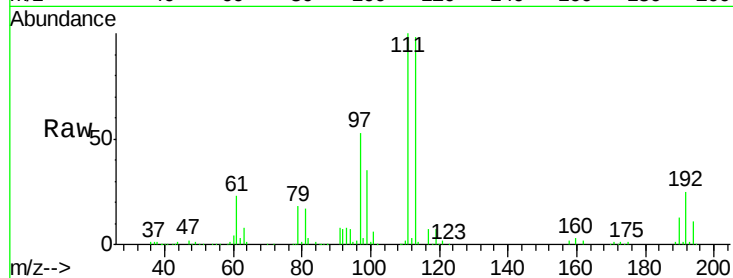




#35
 Dibromofluoromethane
 Concen: 47.37 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

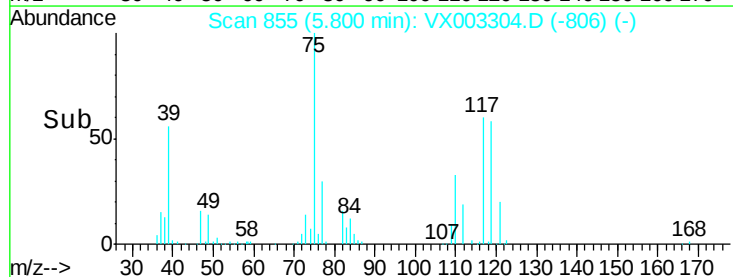
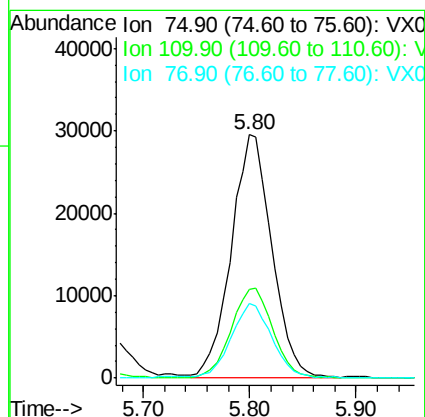
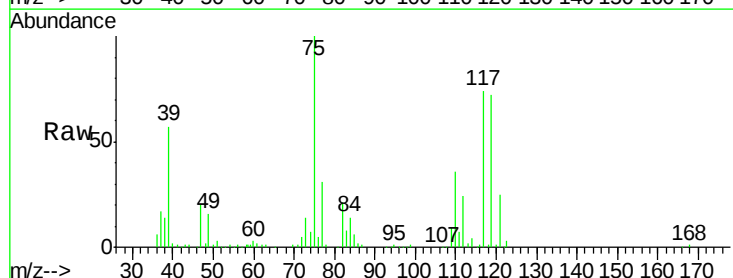
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

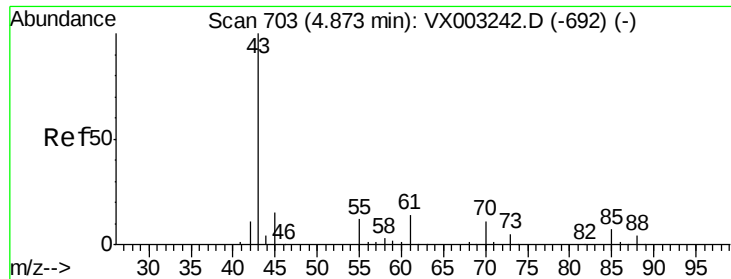
Tot Ion:113 Resp: 153900
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 25.3 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 18.25 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion: 75 Resp: 78126
 Ion Ratio Lower Upper
 75 100
 110 38.3 18.1 54.4
 77 30.6 24.3 36.5

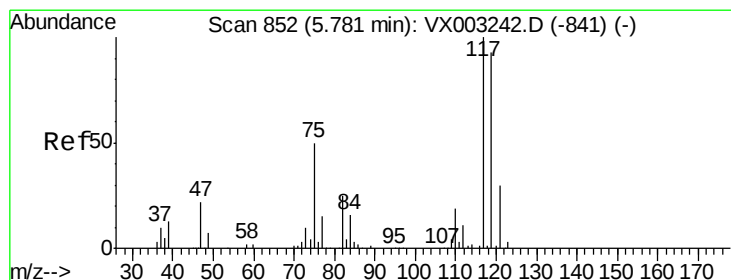
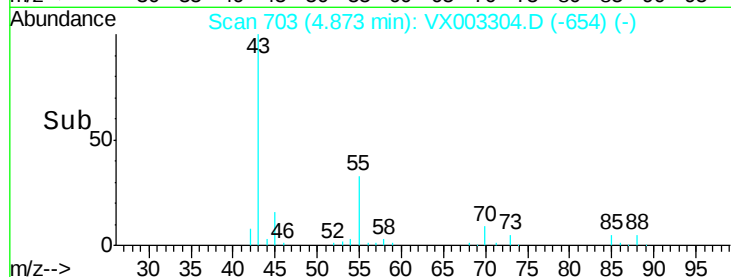
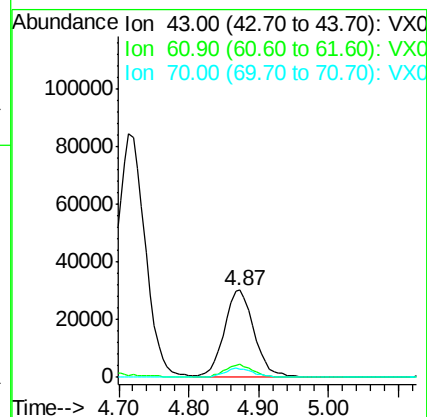
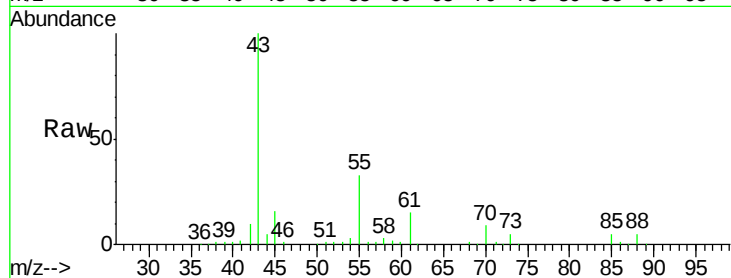




#37
Ethyl Acetate
Concen: 18.94 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

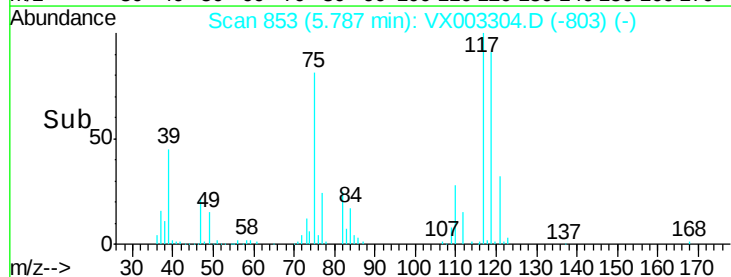
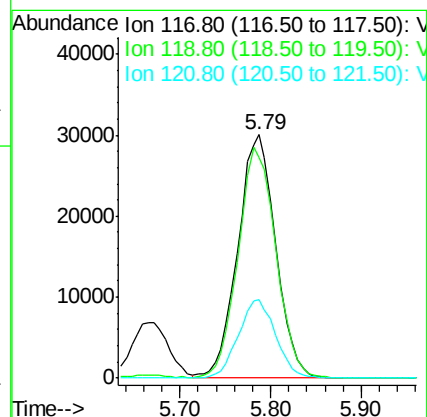
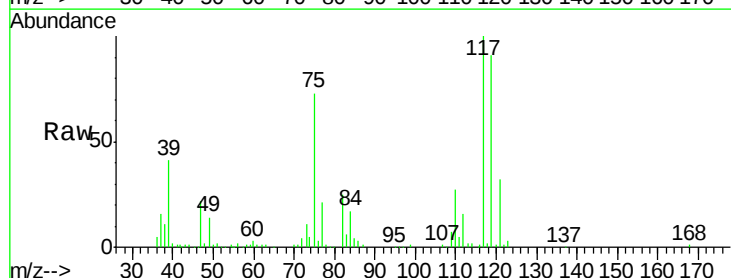
Instrument :
MSVOA_X
ClientSampleID :
VX0710WBS02

Tot Ion: 43 Resp: 88869
Ion Ratio Lower Upper
43 100
61 13.9 10.4 15.6
70 10.3 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.62 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion: 117 Resp: 87188
Ion Ratio Lower Upper
117 100
119 90.8 77.4 116.0
121 32.3 24.4 36.6

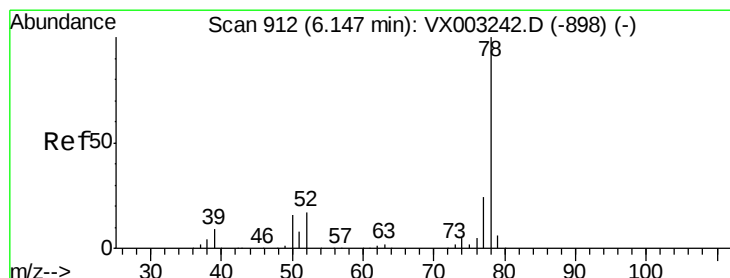
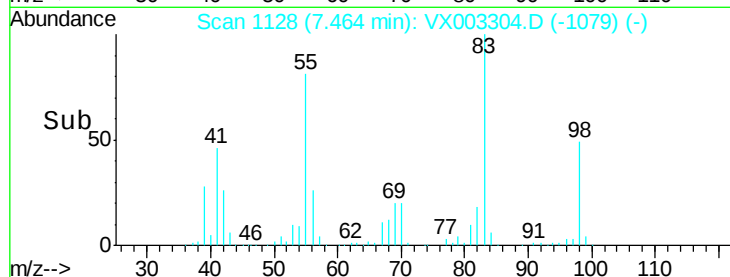
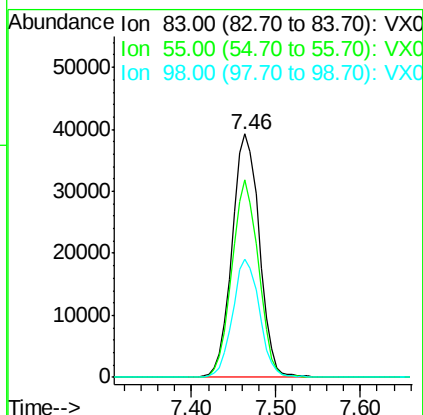
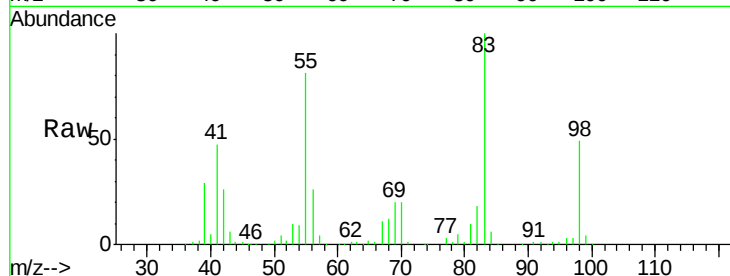




#39
Methvlcvclohexane
Concen: 16.98 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

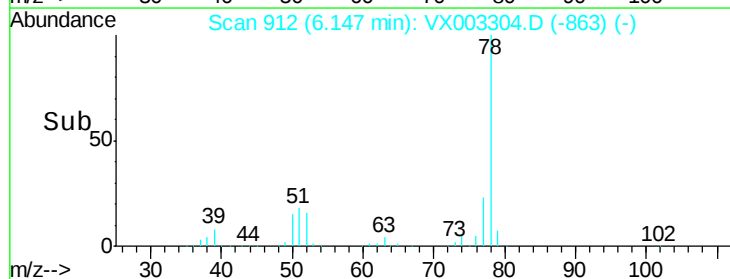
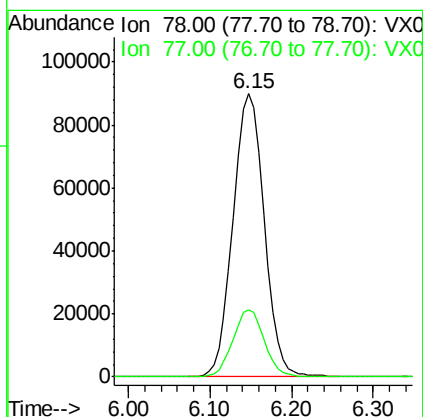
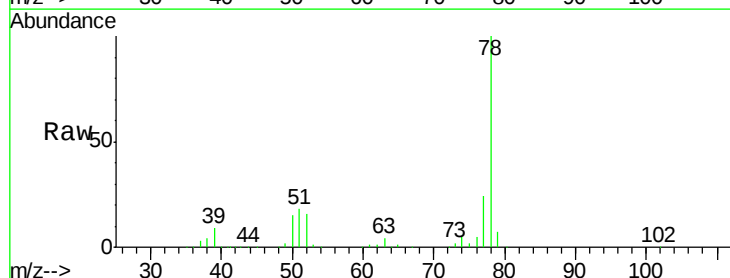
Instrument :
MSVOA_X
ClientSampled :
VX0710WBS02

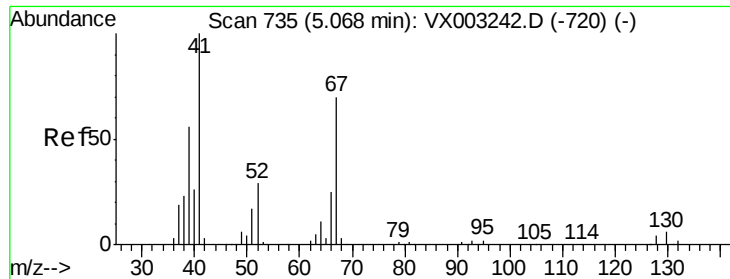
Tot Ion: 83 Resp: 85623
Ion Ratio Lower Upper
83 100
55 80.9 65.4 98.0
98 48.6 37.4 56.0



#40
Benzene
Concen: 18.82 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion: 78 Resp: 238775
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

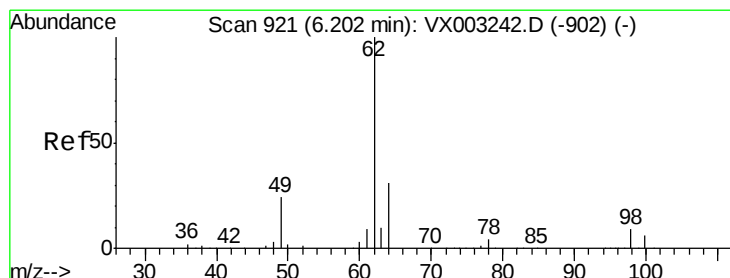
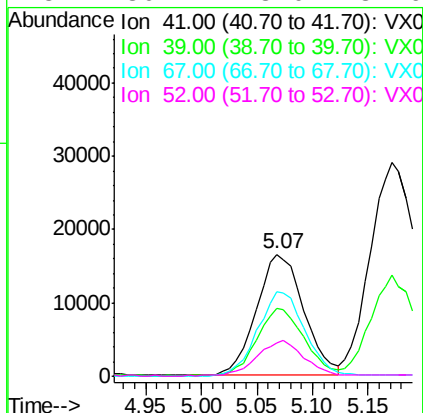
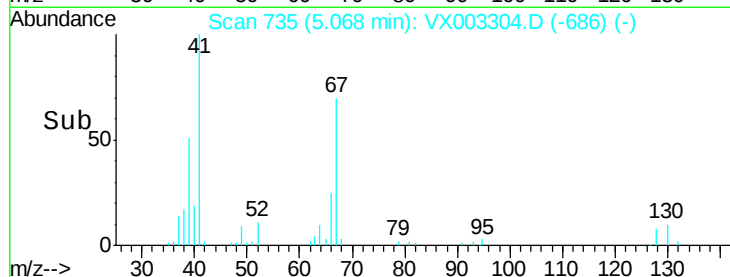
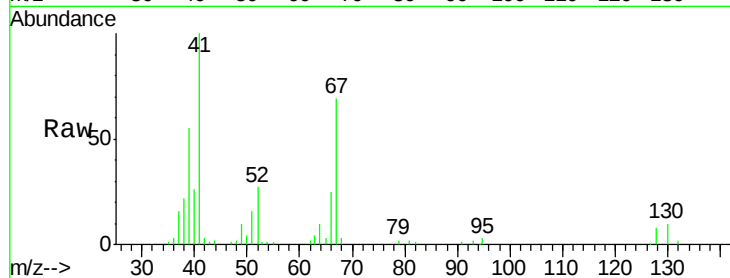




#41
Methacrylonitrile
Concen: 19.08 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

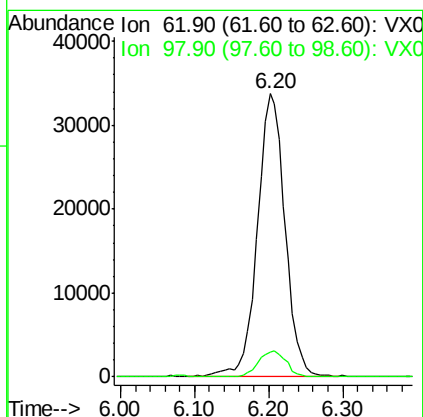
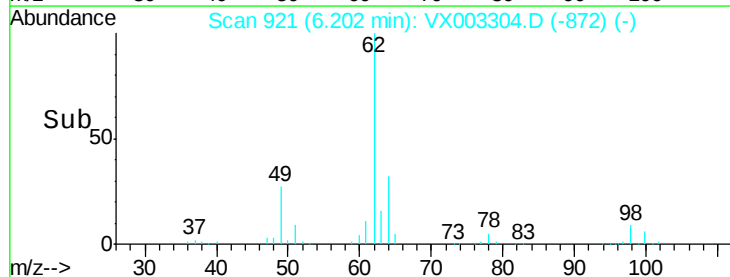
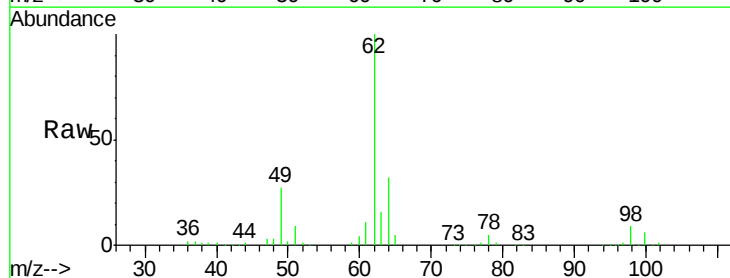
Instrument :
MSVOA_X
ClientSampled :
VX0710WBS02

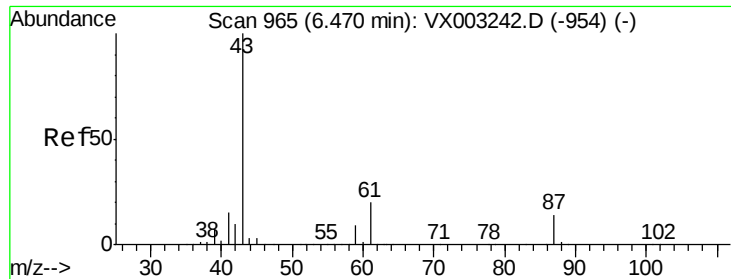
Tot Ion:	41	Resp:	49022
Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.8	68.6
67	70.1	51.3	76.9
52	30.1	23.0	34.6



#42
1,2-Dichloroethane
Concen: 18.50 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion:	62	Resp:	87680
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.41 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

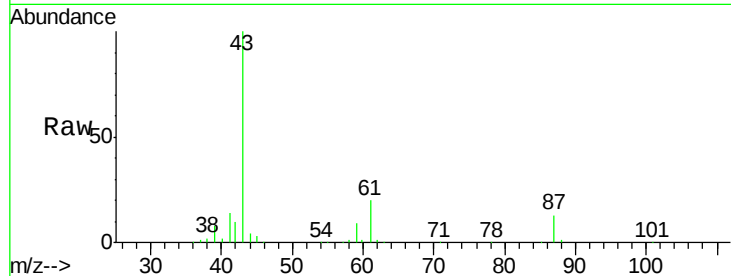
Tot Ion: 43 Resp: 135700

Ion Ratio Lower Upper

43 100

61 19.9 14.4 21.6

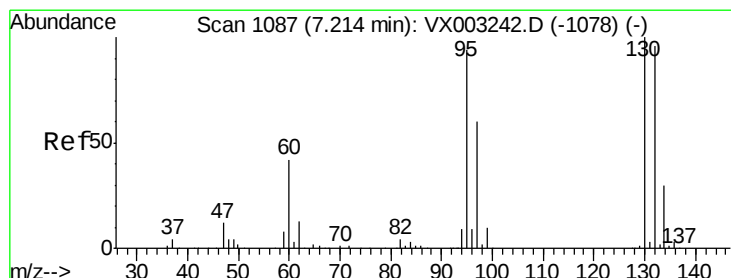
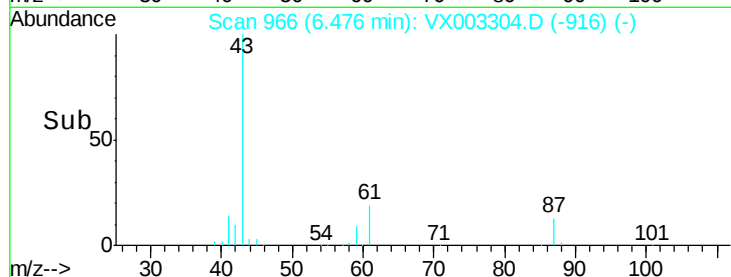
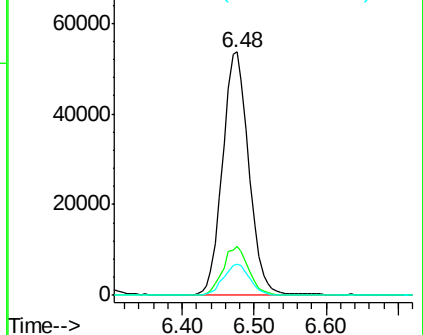
87 13.0 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.90 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003304.D

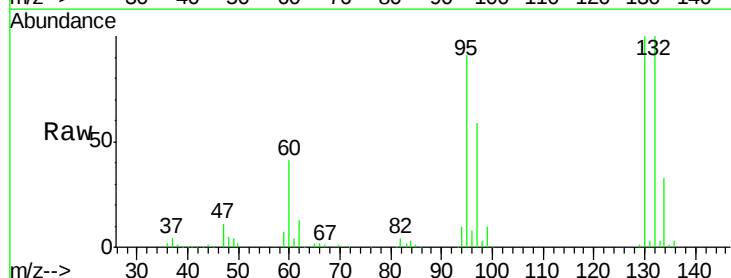
Acq: 11 Jul 2018 01:03

Tgt Ion:130 Resp: 70916

Ion Ratio Lower Upper

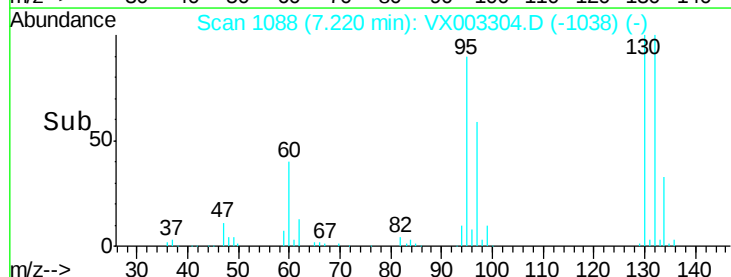
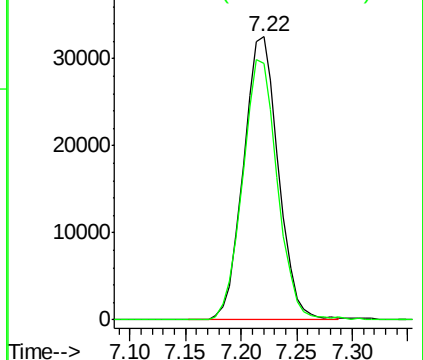
130 100

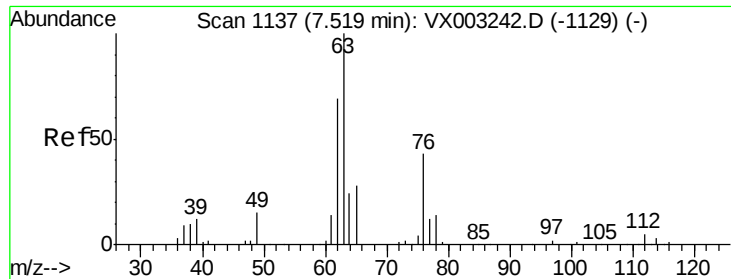
95 90.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

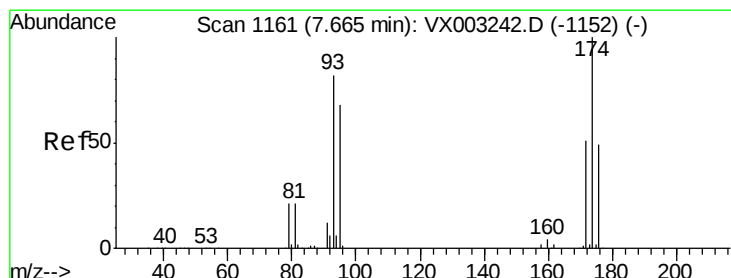
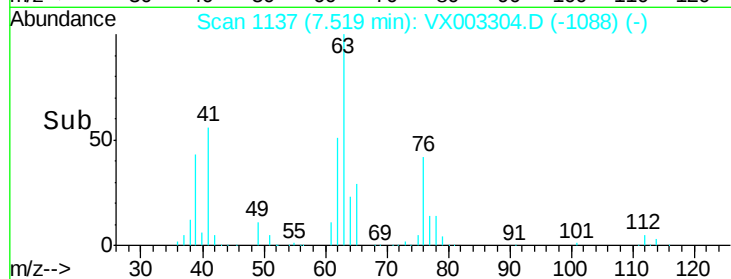
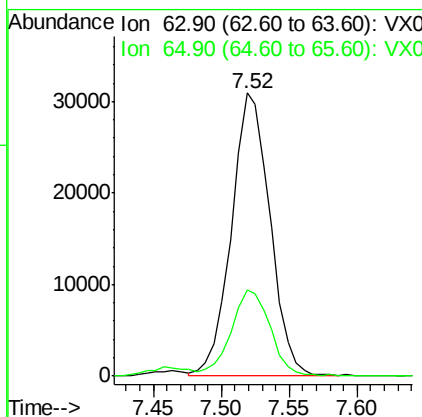
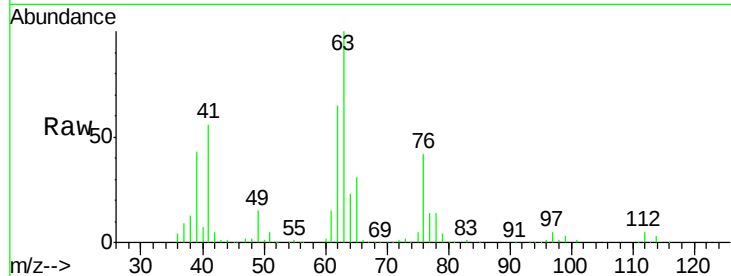




#45
 1,2-Dichloropropane
 Concen: 18.43 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

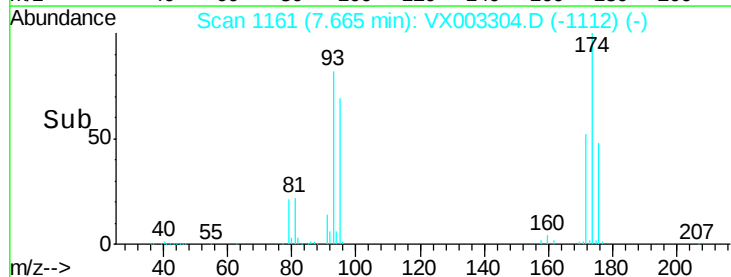
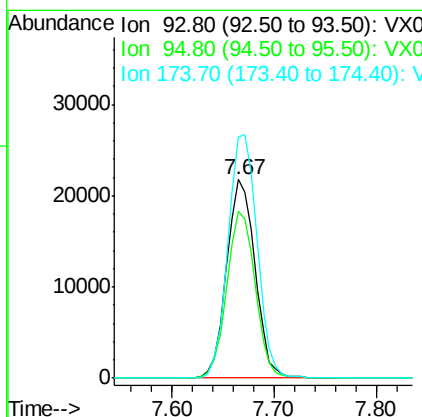
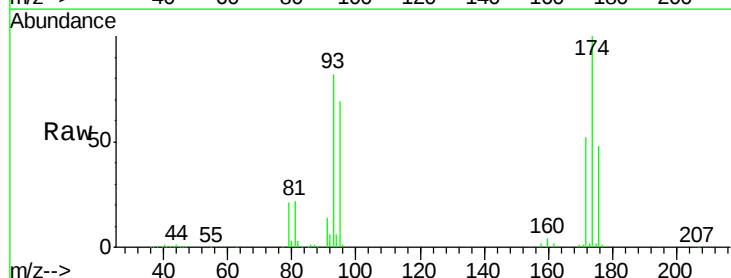
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

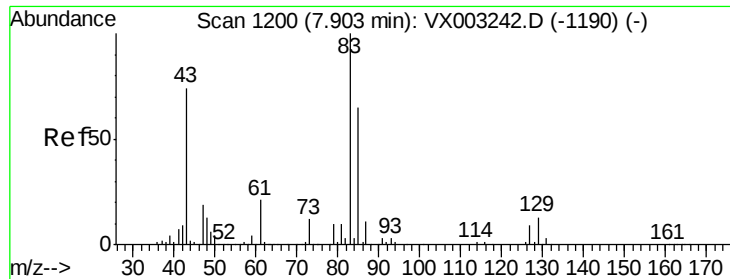
Tot Ion: 63 Resp: 60793
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 18.71 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion: 93 Resp: 42050
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.9 98.9
 174 125.0 92.4 138.6





#47

Bromodichloromethane

Concen: 18.61 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

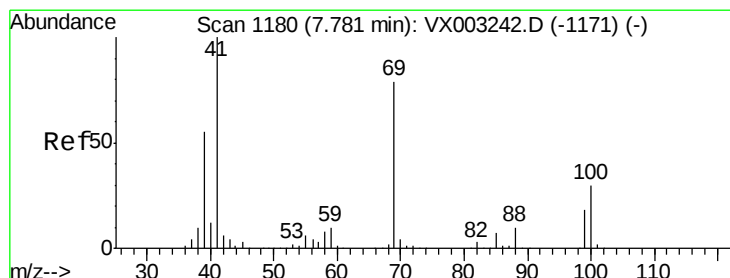
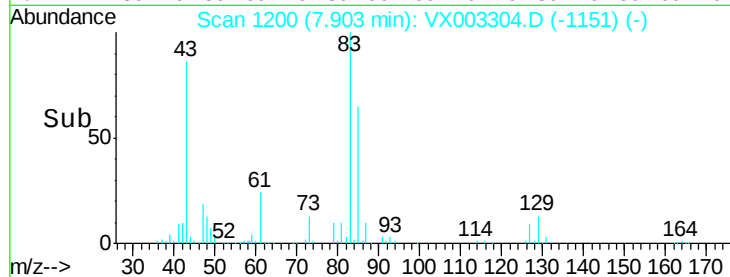
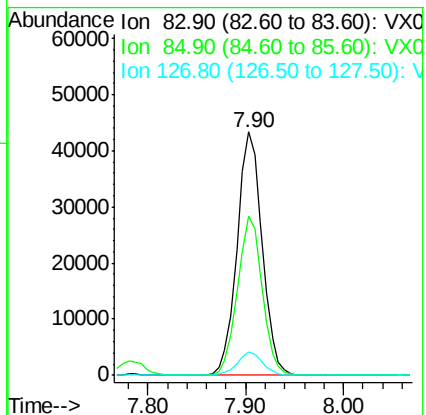
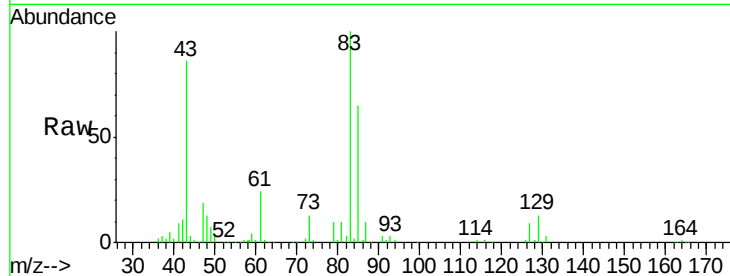
Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion: 83 Resp: 77195

Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.3	75.5
127	9.4	7.0	10.4



#48

Methyl methacrylate

Concen: 18.83 ug/l

RT: 7.78 min Scan# 1180

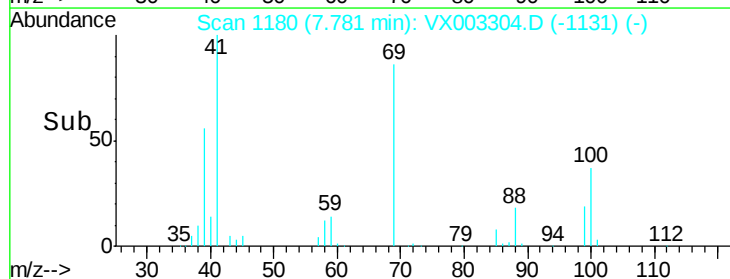
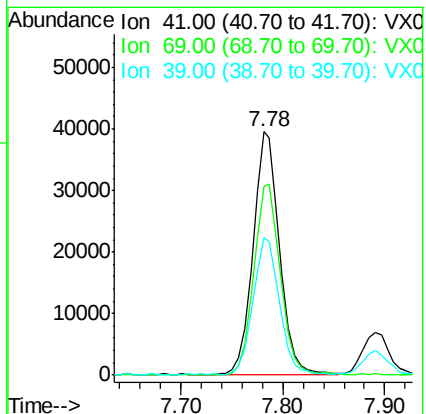
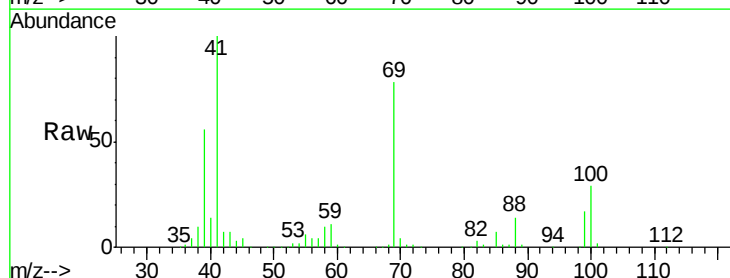
Delta R.T. -0.00 min

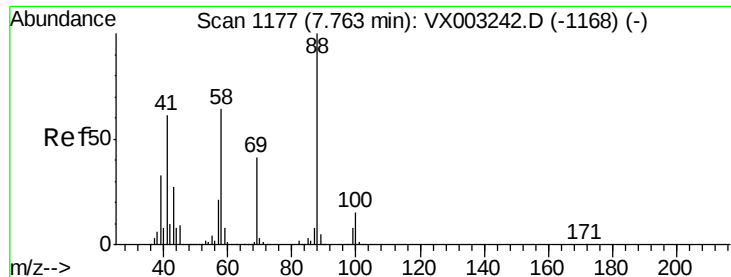
Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Tgt Ion: 41 Resp: 71156

Ion	Ratio	Lower	Upper
41	100		
69	79.9	59.1	88.7
39	55.9	48.9	73.3





#49

1,4-Dioxane

Concen: 392.87 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

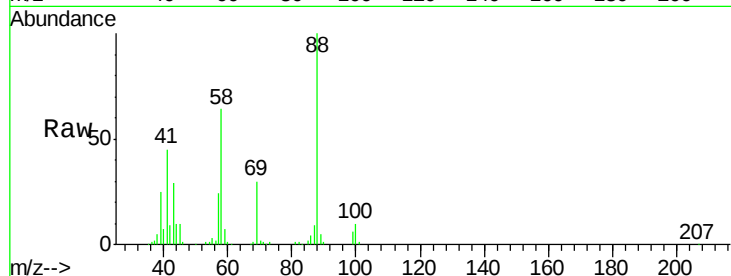
Tot Ion: 88 Resp: 31046

Ion Ratio Lower Upper

88 100

43 34.1 29.8 44.6

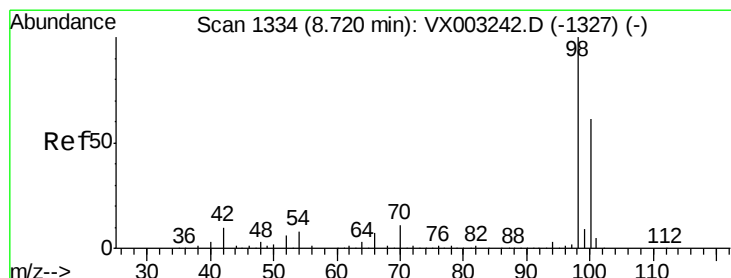
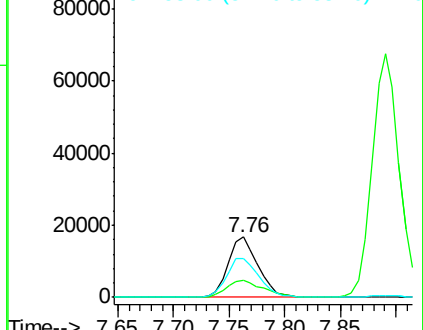
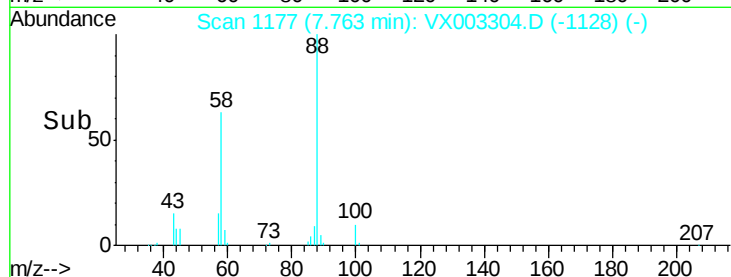
58 71.7 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.20 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003304.D

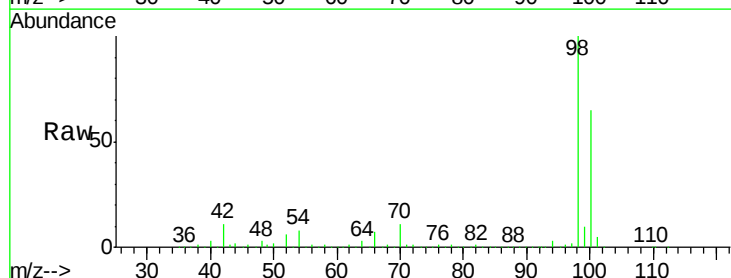
Acq: 11 Jul 2018 01:03

Tgt Ion: 98 Resp: 567756

Ion Ratio Lower Upper

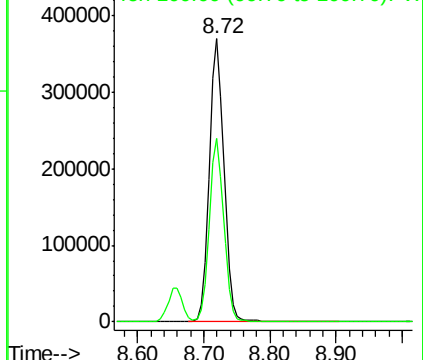
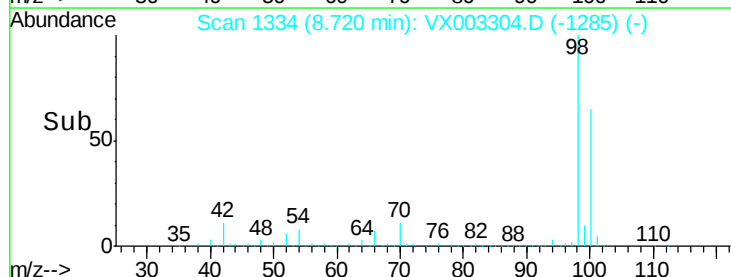
98 100

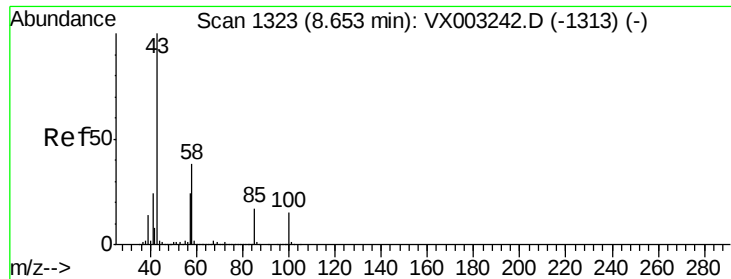
100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

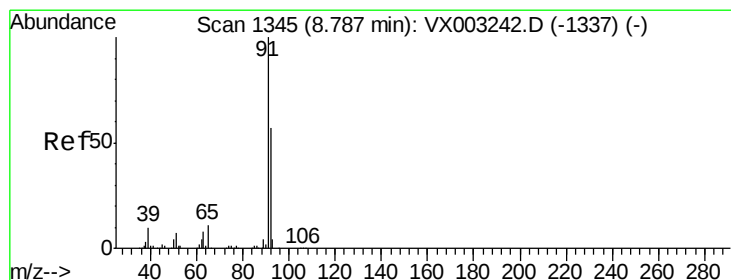
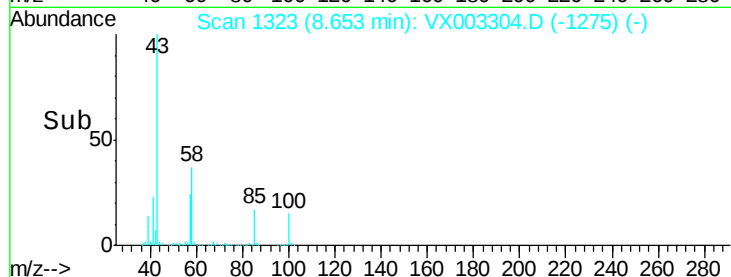
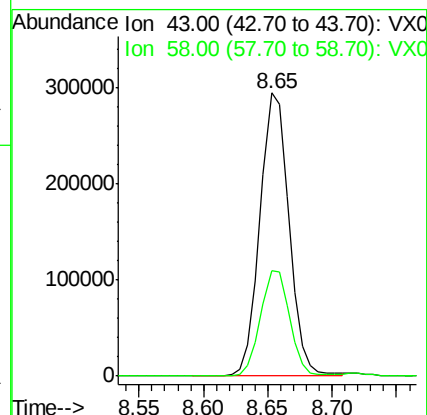
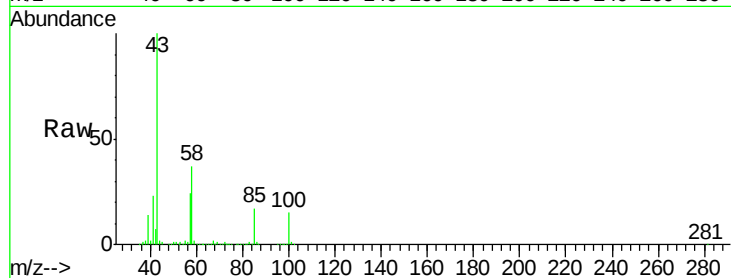




#51
 4-Methyl-2-Pentanone
 Concen: 100.08 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

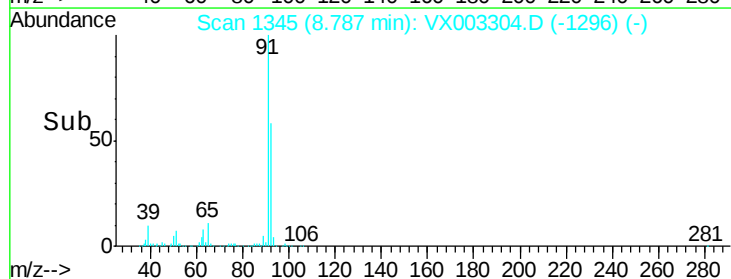
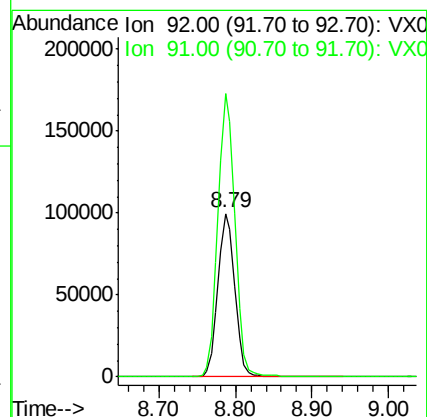
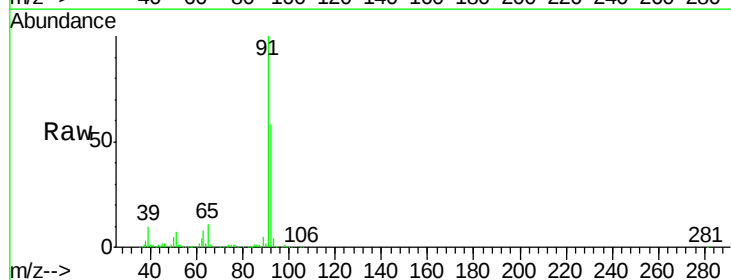
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

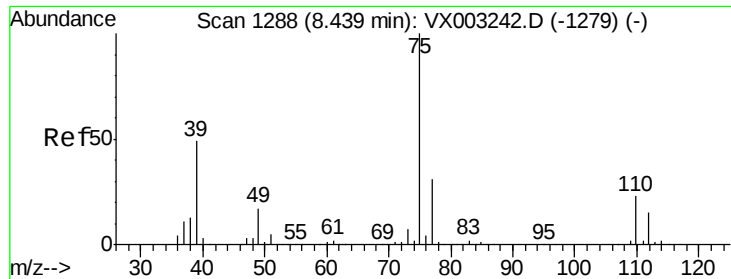
Tot Ion: 43 Resp: 459144
 Ion Ratio Lower Upper
 43 100
 58 37.6 28.6 42.8



#52
 Toluene
 Concen: 19.16 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion: 92 Resp: 153612
 Ion Ratio Lower Upper
 92 100
 91 174.5 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 17.13 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

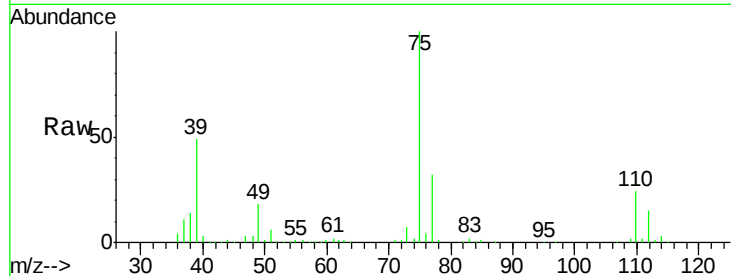
VX0710WBS02

Tot Ion: 75 Resp: 83589

Ion Ratio Lower Upper

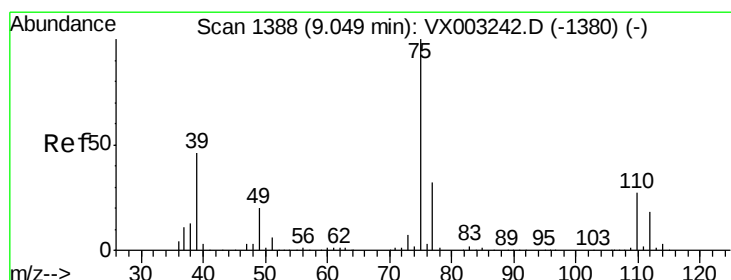
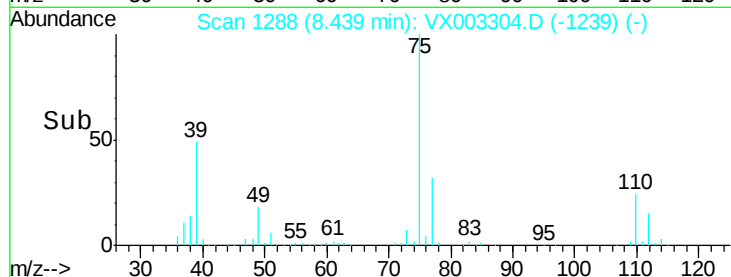
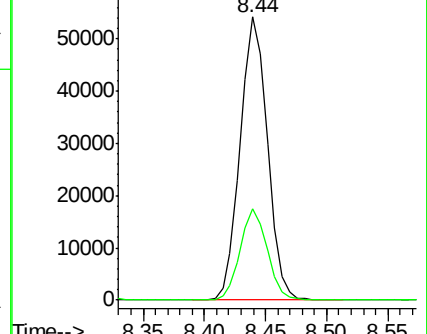
75 100

77 32.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.97 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

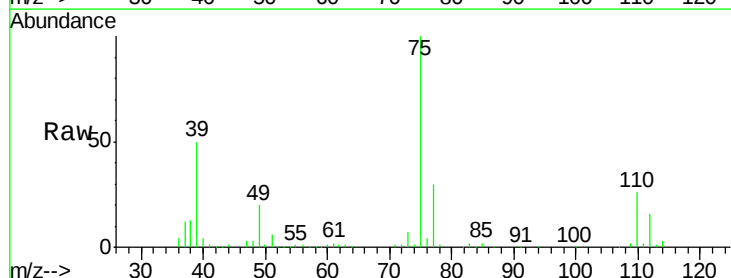
Tgt Ion: 75 Resp: 75361

Ion Ratio Lower Upper

75 100

77 30.2 24.8 37.2

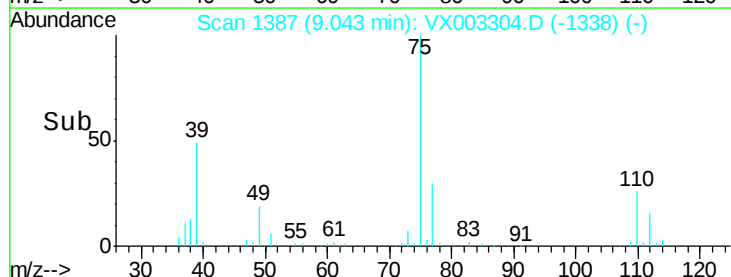
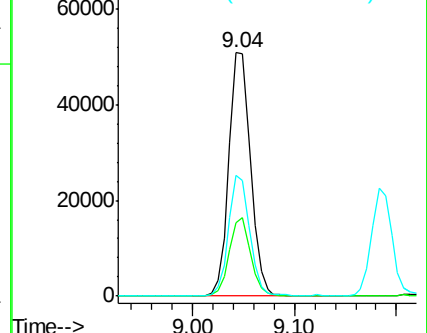
39 49.5 42.4 63.6

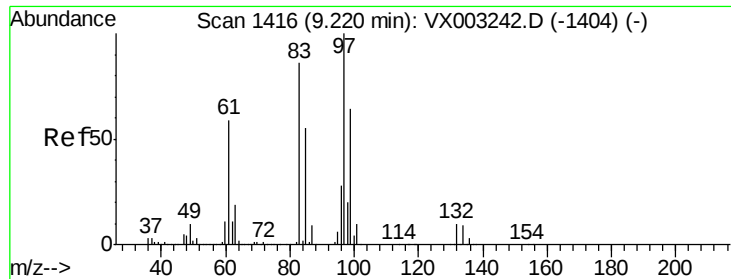


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

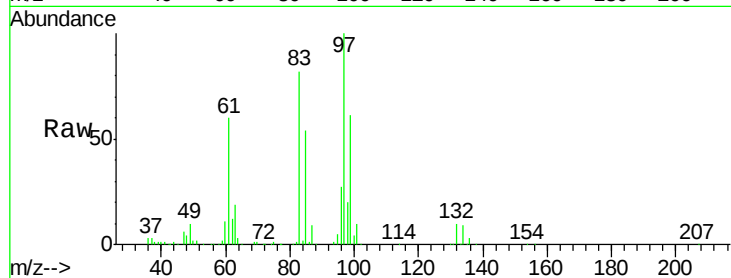




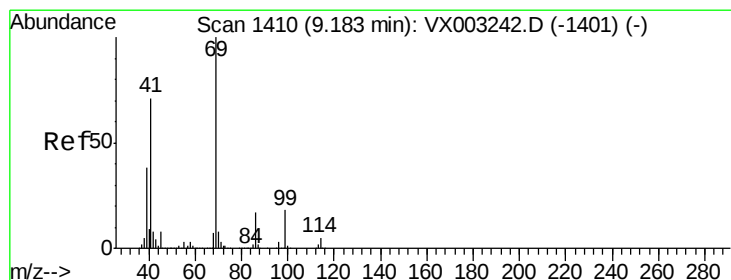
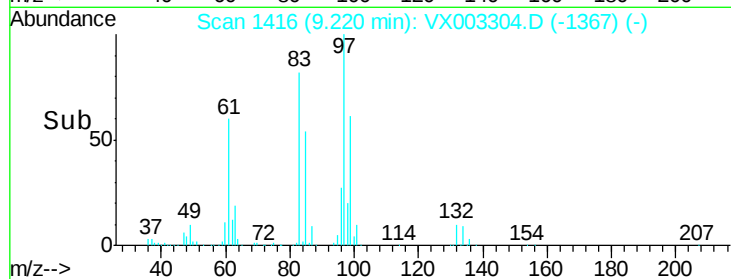
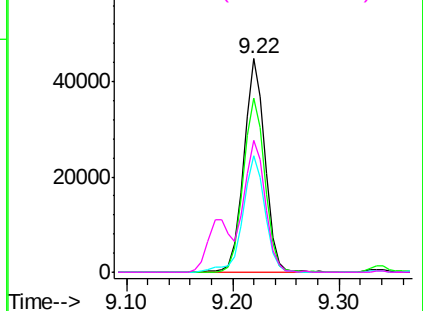
#55
 1,1,2-Trichloroethane
 Concen: 18.86 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

Tot Ion: 97 Resp: 62744
 Ion Ratio Lower Upper
 97 100
 83 81.6 70.2 105.2
 85 54.3 44.9 67.3
 99 61.3 49.8 74.8

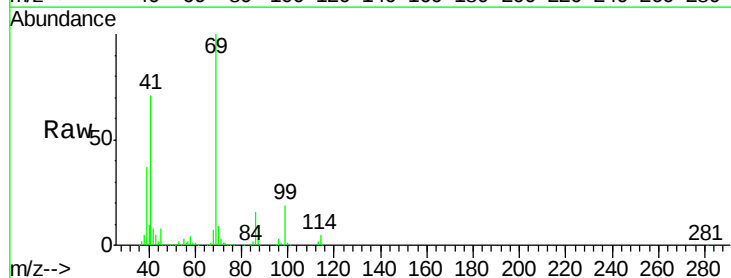


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

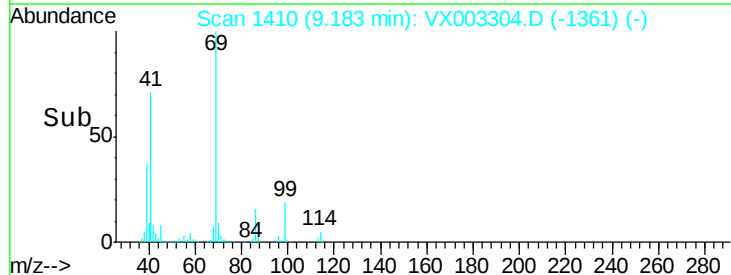
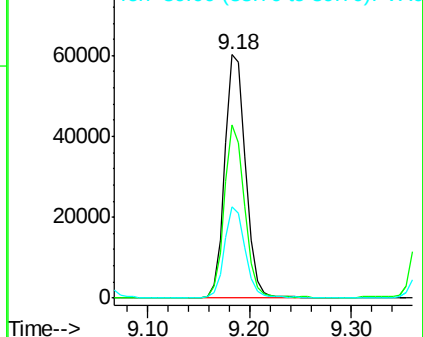


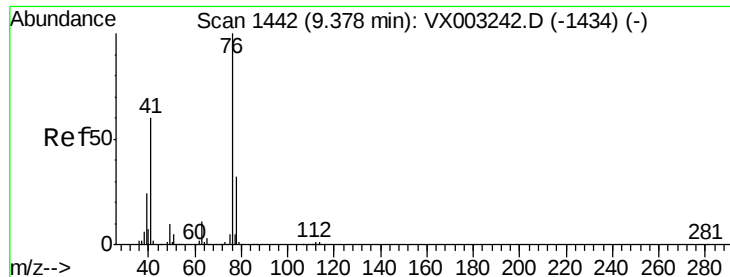
#56
 Ethyl methacrylate
 Concen: 18.73 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion: 69 Resp: 85342
 Ion Ratio Lower Upper
 69 100
 41 69.4 60.3 90.5
 39 36.8 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: 18.95 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

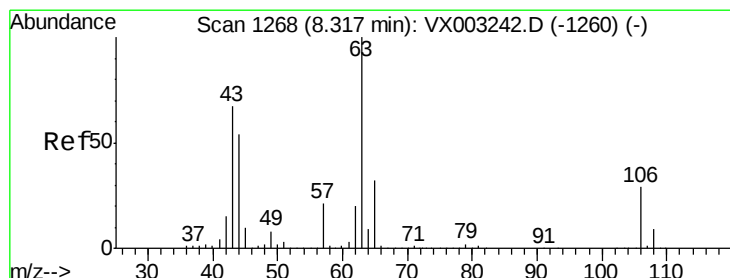
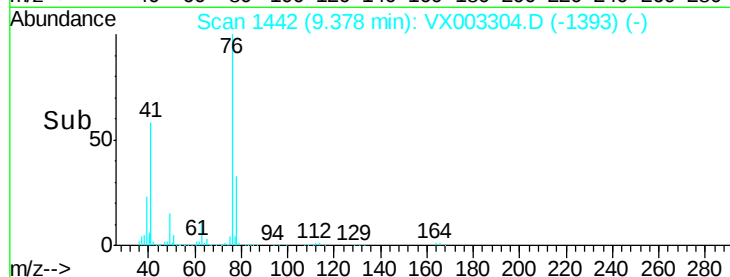
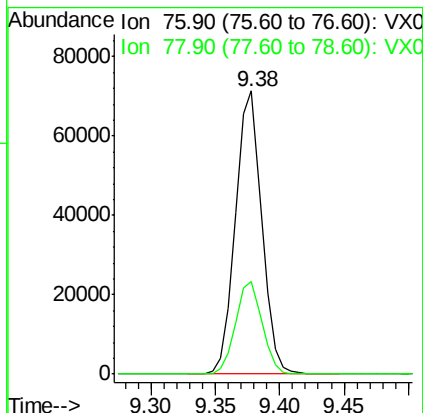
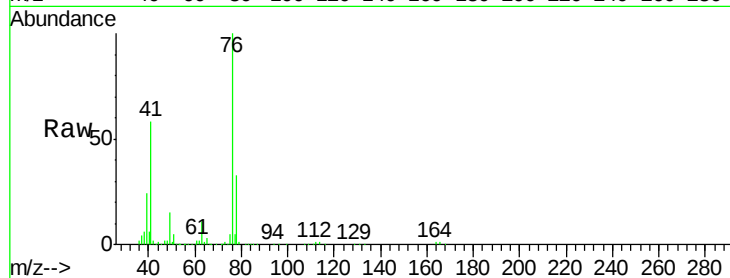
VX0710WBS02

Tot Ion: 76 Resp: 101548

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 103.96 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003304.D

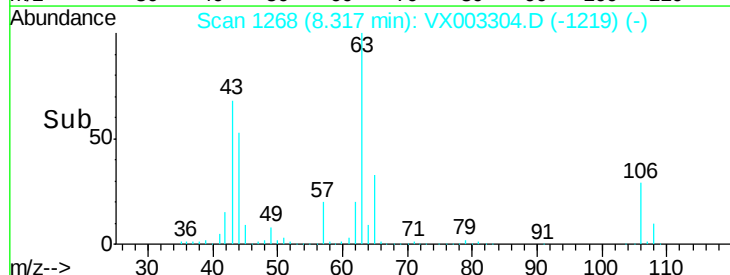
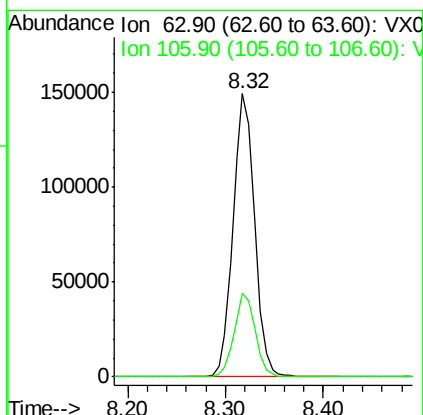
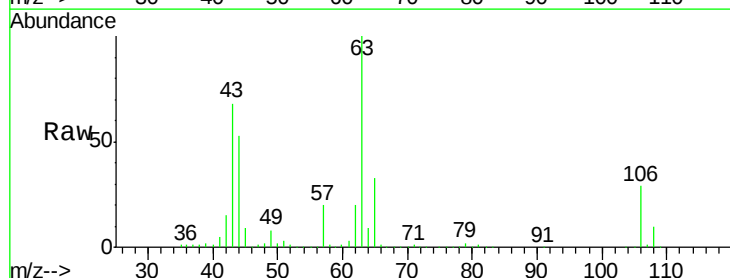
Acq: 11 Jul 2018 01:03

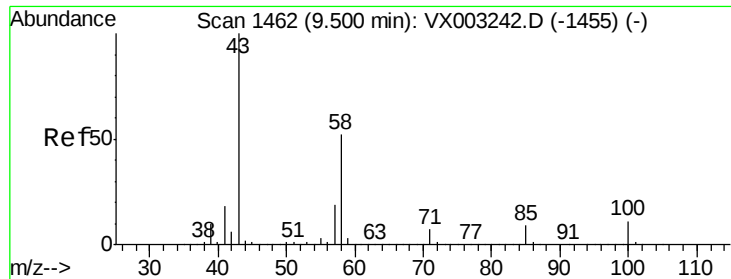
Tgt Ion: 63 Resp: 228510

Ion Ratio Lower Upper

63 100

106 29.0 21.8 32.8

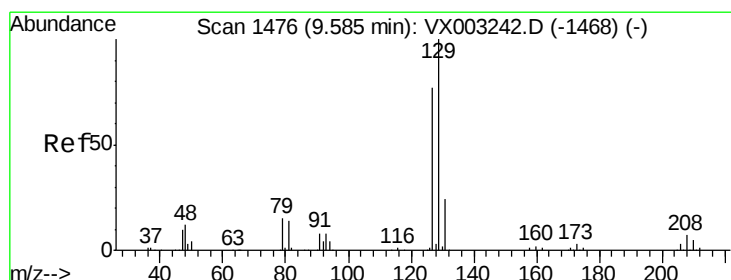
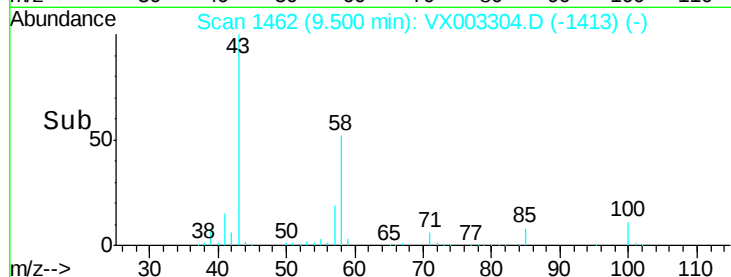
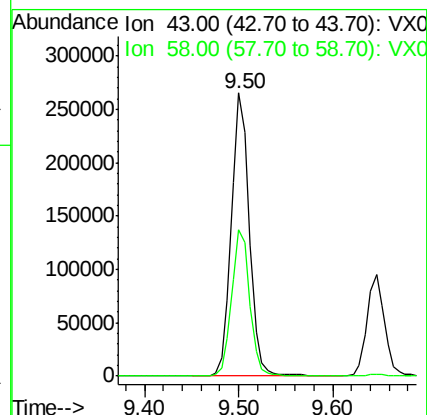
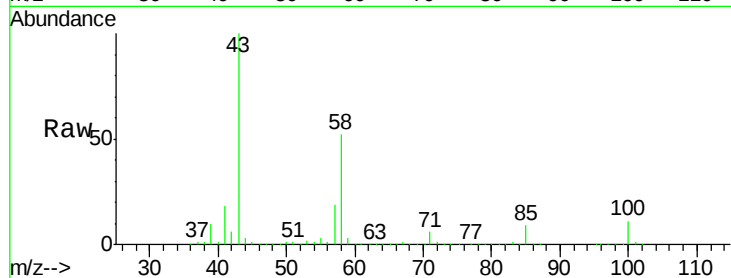




#59
2-Hexanone
Concen: 100.88 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

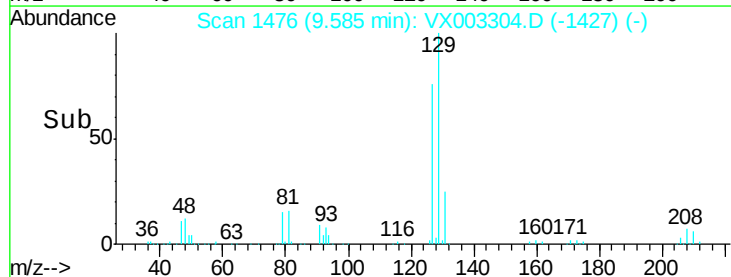
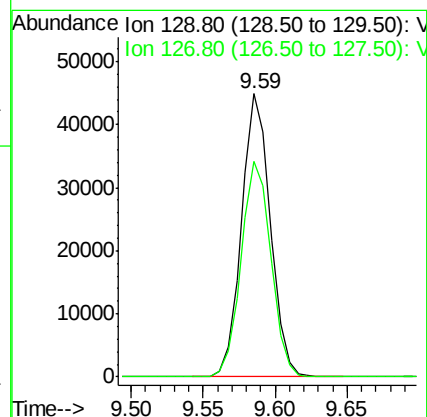
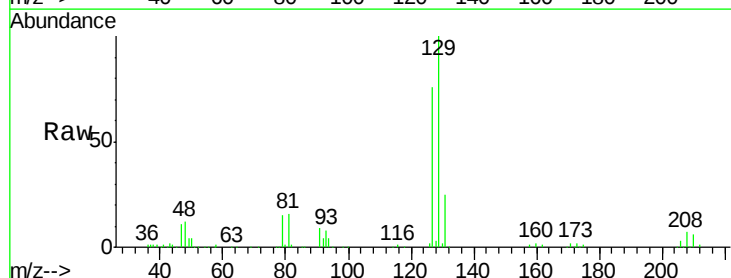
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

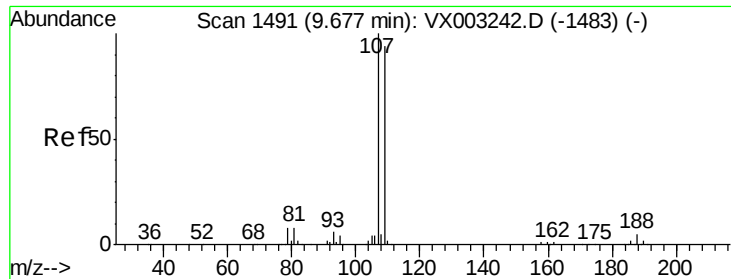
Tot Ion: 43 Resp: 351513
Ion Ratio Lower Upper
43 100
58 52.1 24.6 73.6



#60
Dibromochloromethane
Concen: 17.97 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion: 129 Resp: 62431
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.99 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

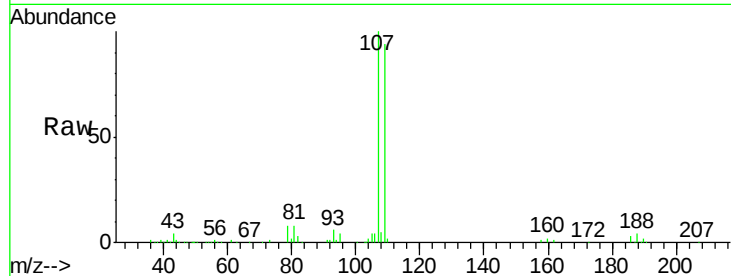
VX0710WBS02

Tot Ion:107 Resp: 66191

Ion Ratio Lower Upper

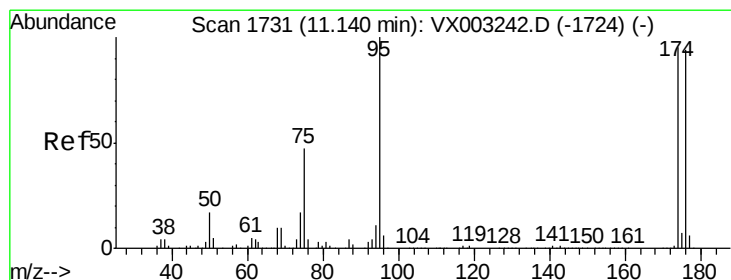
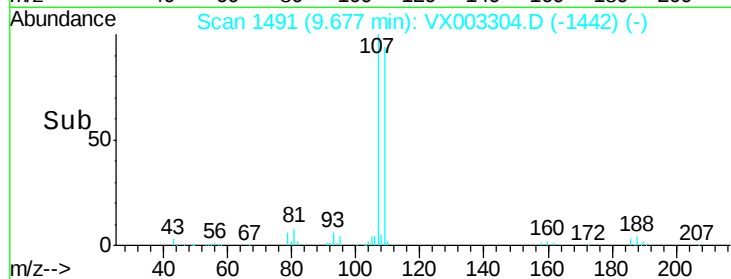
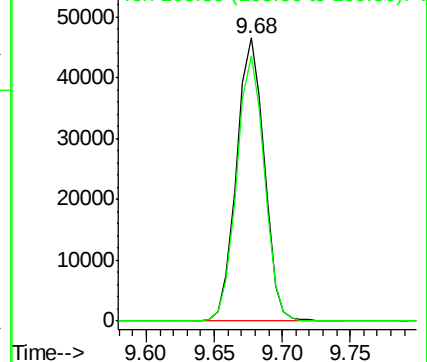
107 100

109 93.8 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: 48.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

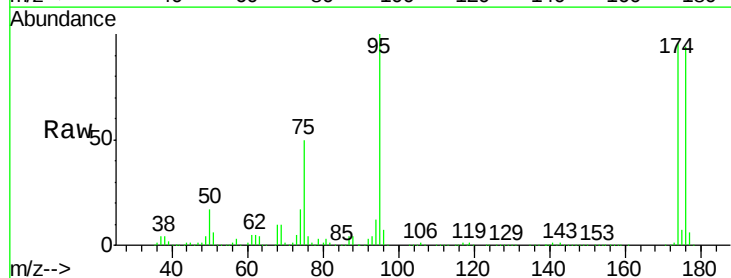
Tgt Ion: 95 Resp: 205595

Ion Ratio Lower Upper

95 100

174 99.8 0.0 187.4

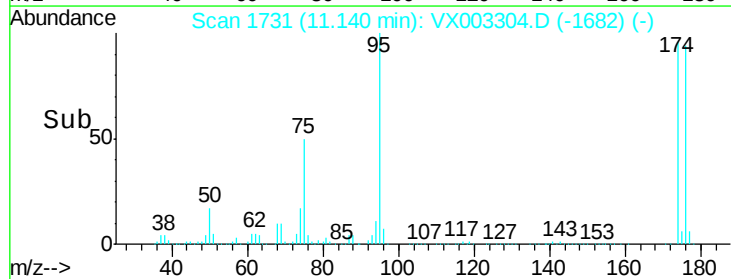
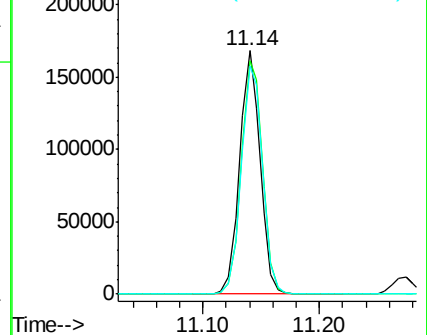
176 97.9 0.0 181.0

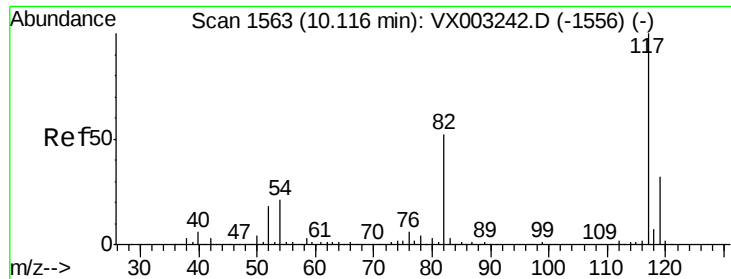


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

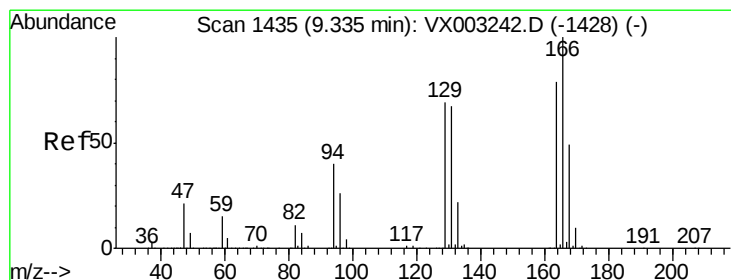
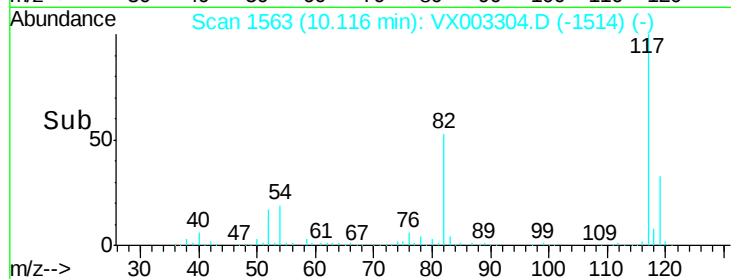
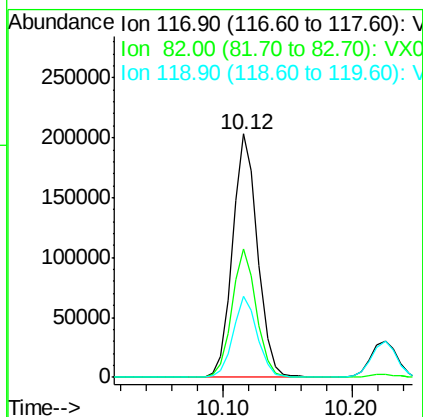
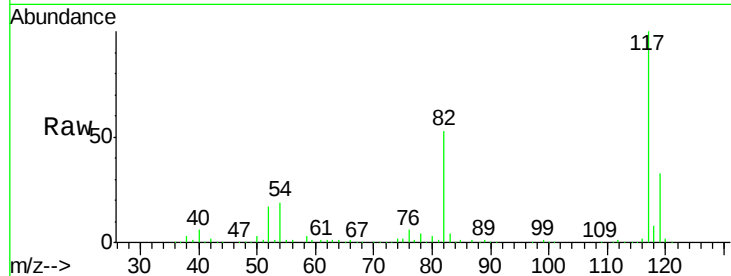




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

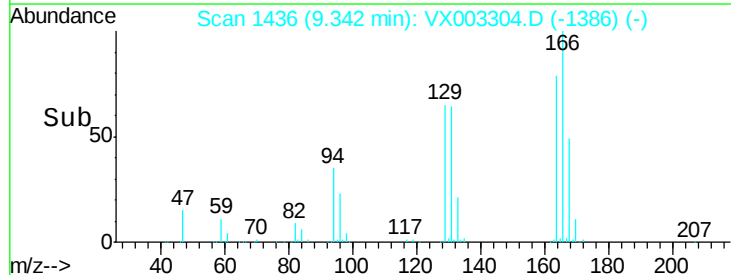
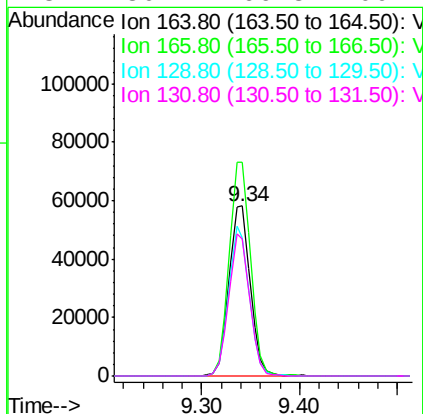
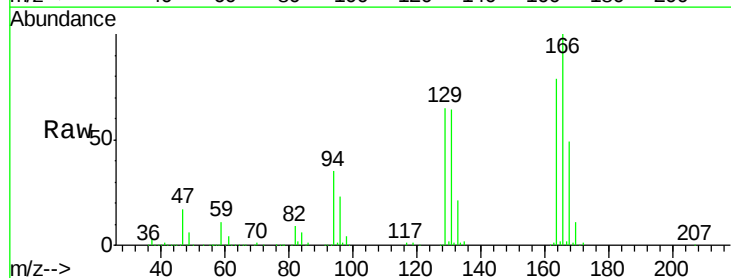
Instrument :
MSVOA_X
ClientSampled :
VX0710WBS02

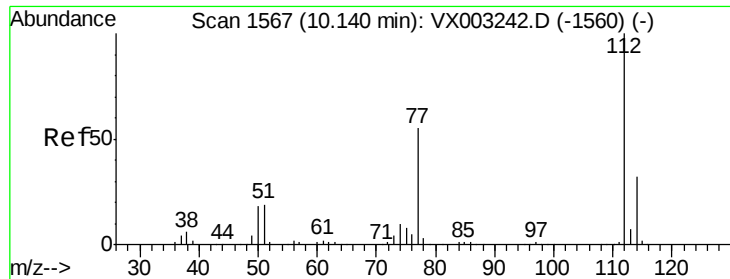
Tot Ion:117 Resp: 274255
Ion Ratio Lower Upper
117 100
82 52.7 45.0 67.4
119 33.4 25.8 38.6



#64
Tetrachloroethene
Concen: 21.20 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion:164 Resp: 87912
Ion Ratio Lower Upper
164 100
166 125.8 102.9 154.3
129 81.7 68.6 102.8
131 80.7 66.8 100.2

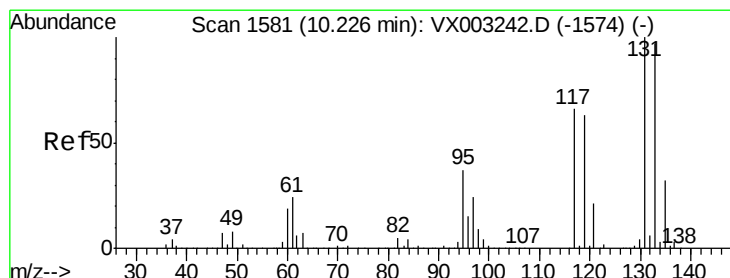
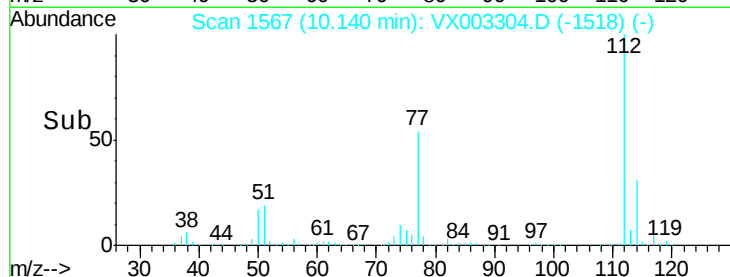
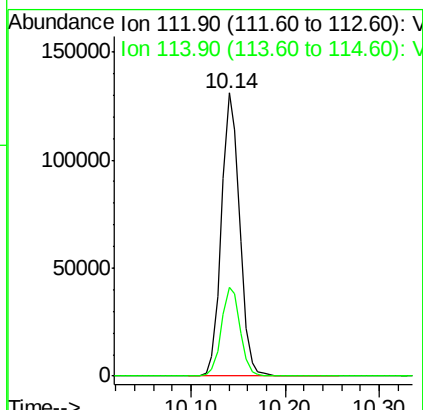
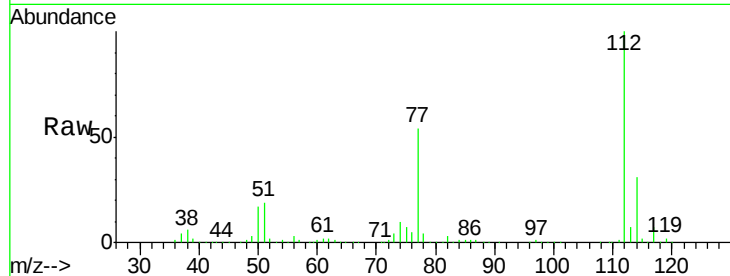




#65
Chlorobenzene
Concen: 18.90 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

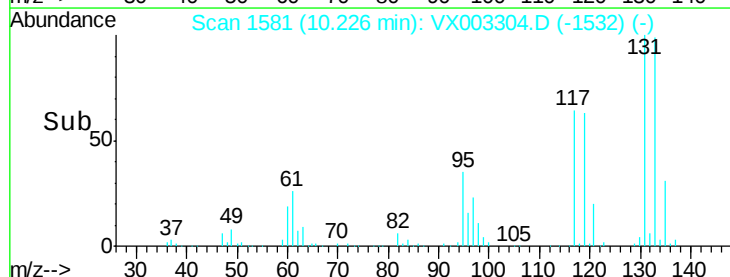
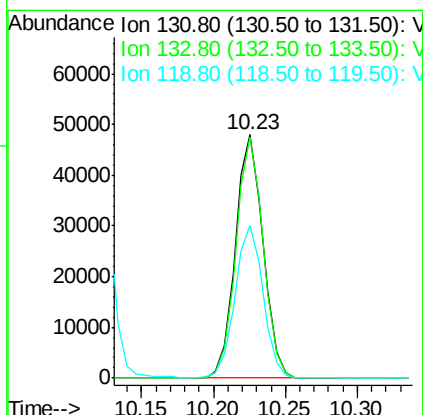
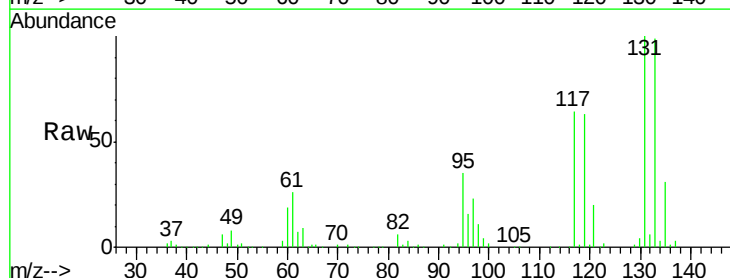
Instrument :
MSVOA_X
ClientSampled :
VX0710WBS02

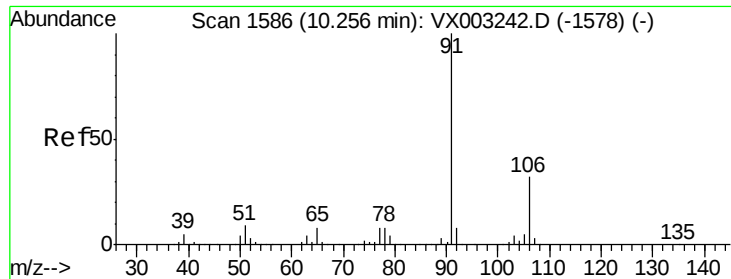
Tot Ion:112 Resp: 176098
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.07 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion:131 Resp: 64132
Ion Ratio Lower Upper
131 100
133 97.3 47.9 143.6
119 63.9 31.8 95.3

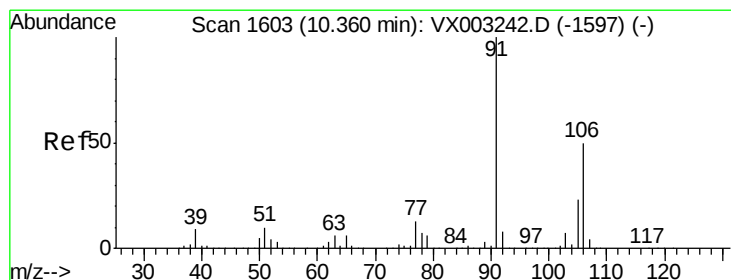
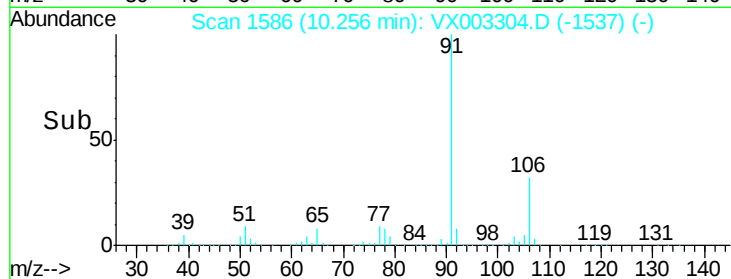
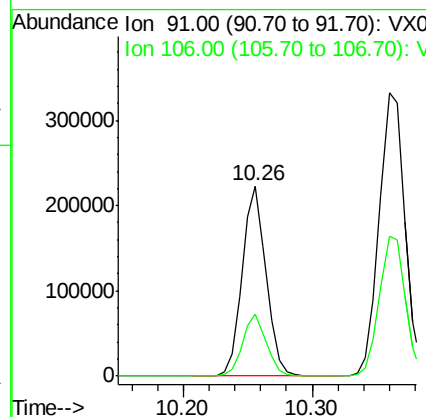
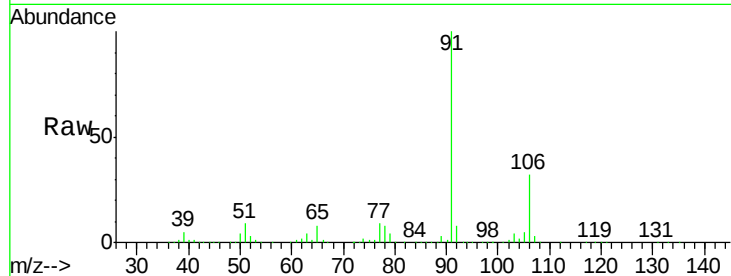




#67
Ethyl Benzene
Concen: 18.99 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

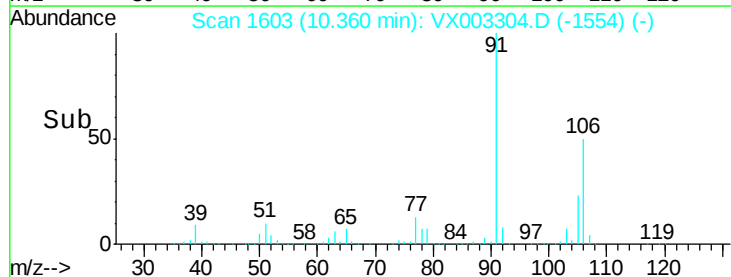
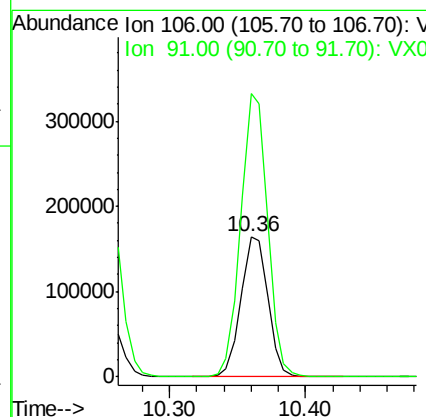
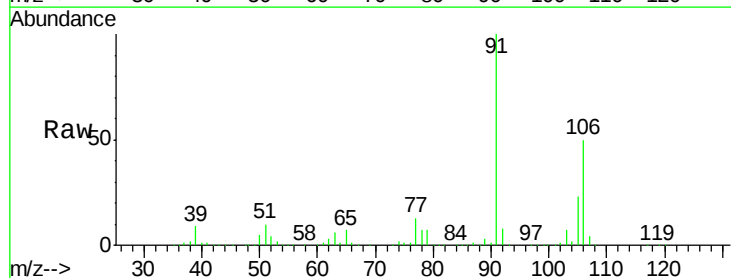
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

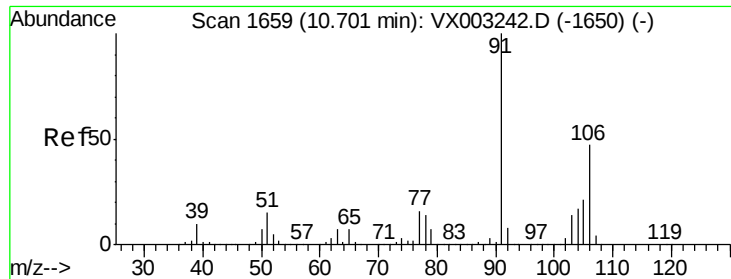
Tot Ion: 91 Resp: 286200
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3



#68
m/p-Xylenes
Concen: 38.71 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion: 106 Resp: 226923
Ion Ratio Lower Upper
106 100
91 200.8 163.4 245.2

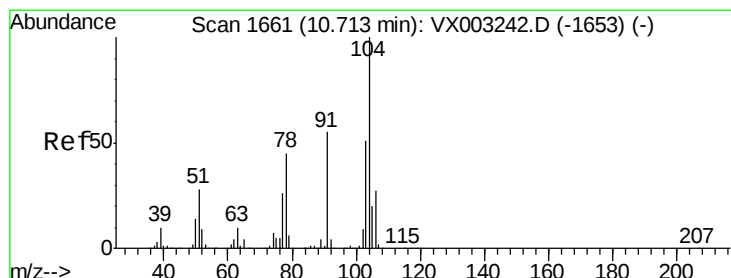
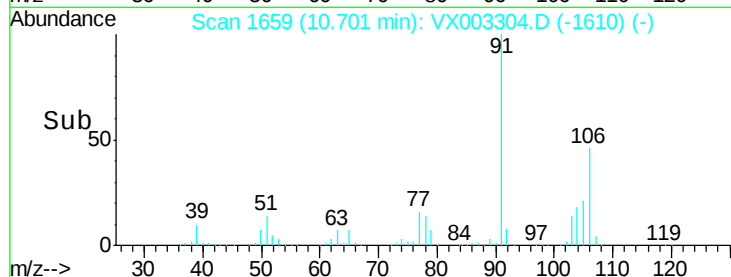
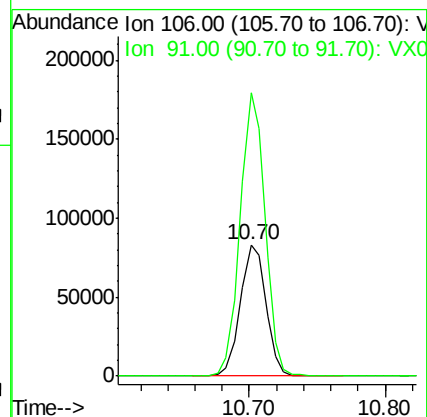
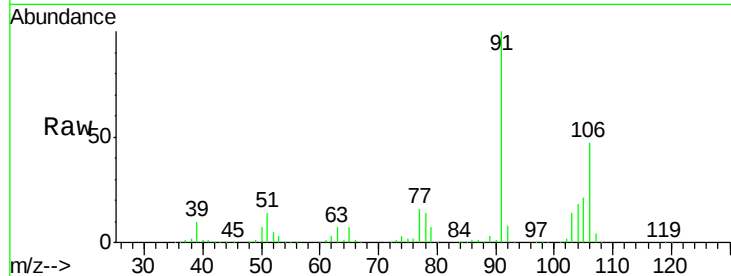




#69
o-Xylene
Concen: 19.27 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

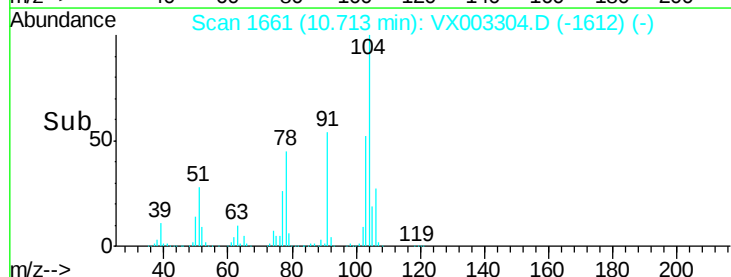
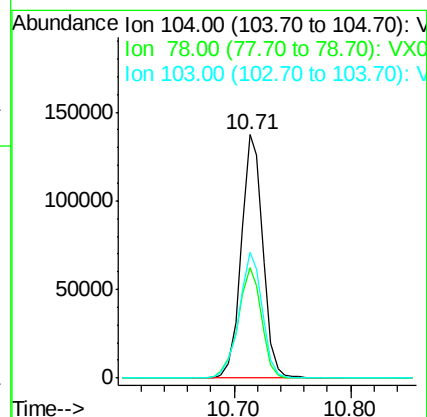
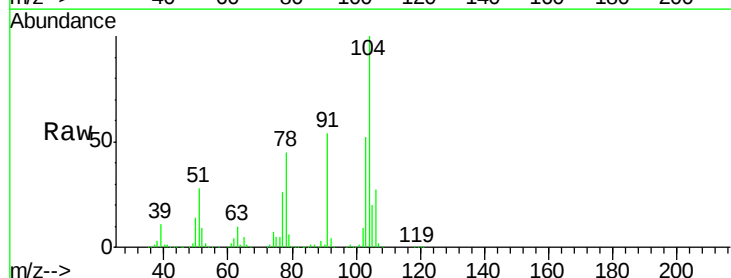
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion:106 Resp: 109470
Ion Ratio Lower Upper
106 100
91 209.0 108.2 324.6



#70
Styrene
Concen: 19.26 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion:104 Resp: 177416
Ion Ratio Lower Upper
104 100
78 49.3 41.0 61.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 17.68 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

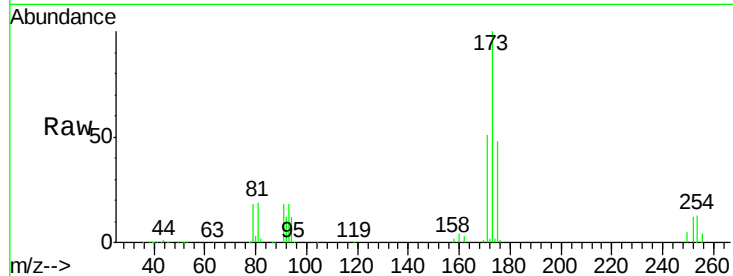
Tot Ion:173 Resp: 48897

Ion Ratio Lower Upper

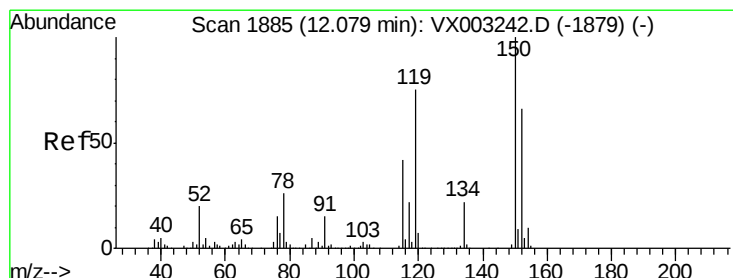
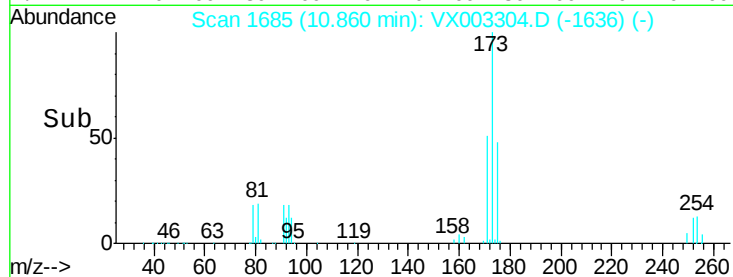
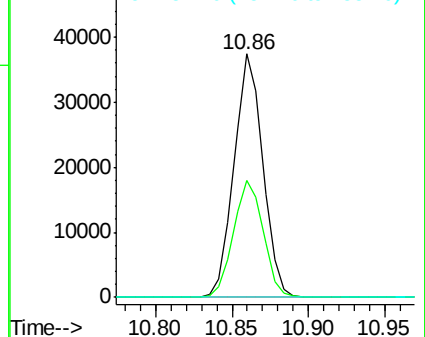
173 100

175 49.2 24.7 74.1

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

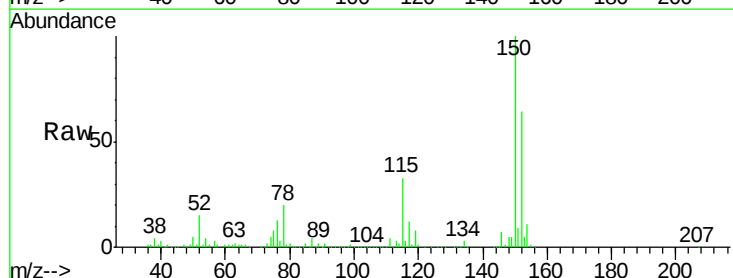
Tgt Ion:152 Resp: 194036

Ion Ratio Lower Upper

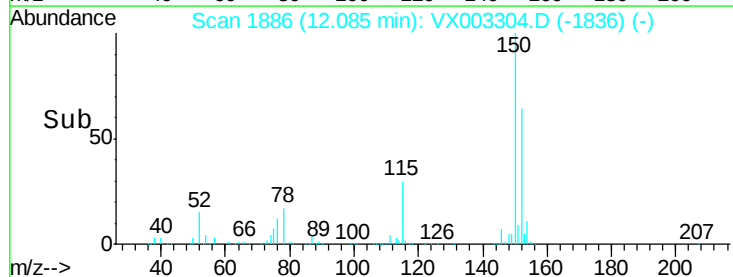
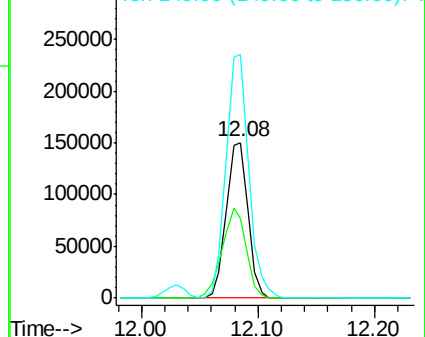
152 100

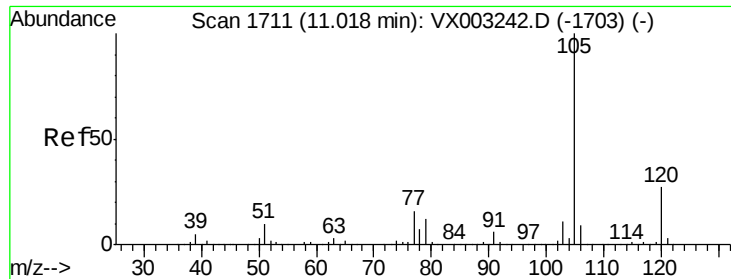
115 63.5 40.1 120.2

150 164.5 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.27 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampled :

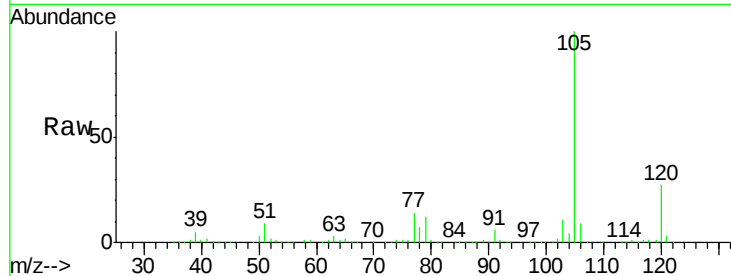
VX0710WBS02

Tot Ion:105 Resp: 295206

Ion Ratio Lower Upper

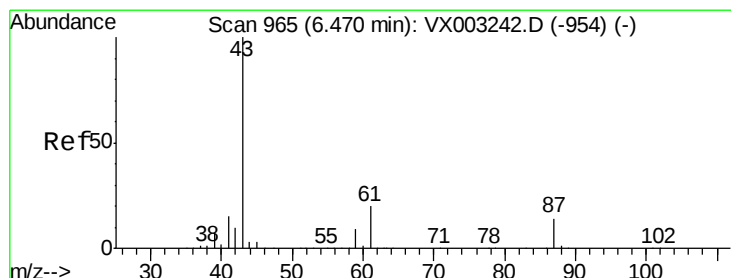
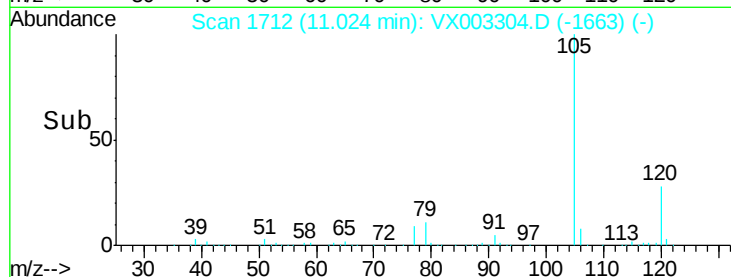
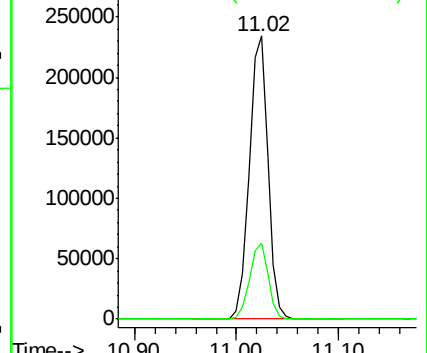
105 100

120 26.9 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: 18.57 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Tgt Ion: 43 Resp: 135700

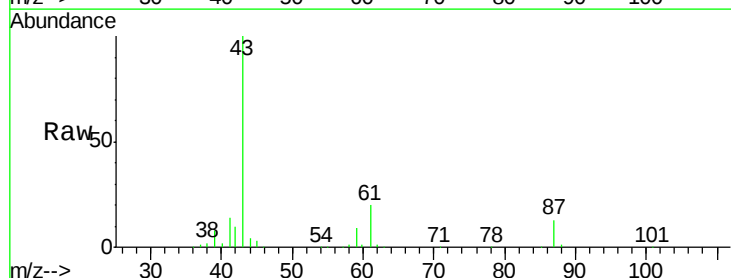
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 19.9 14.4 21.6

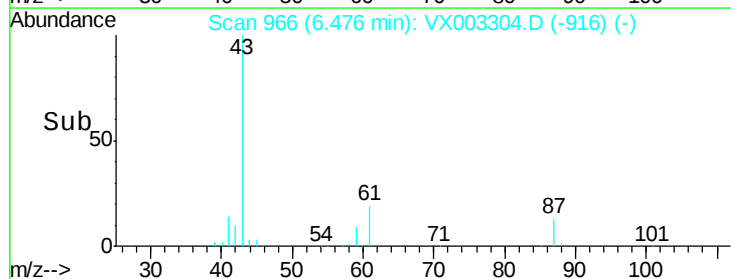
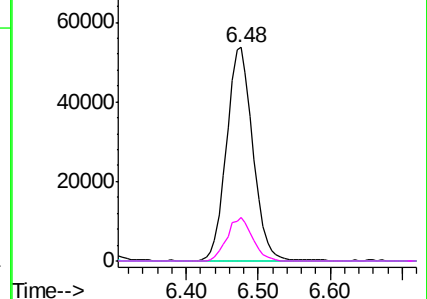


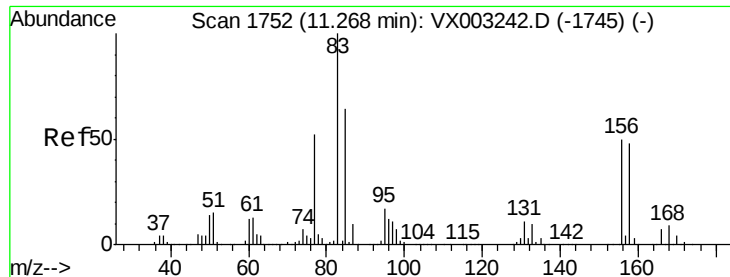
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.17 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

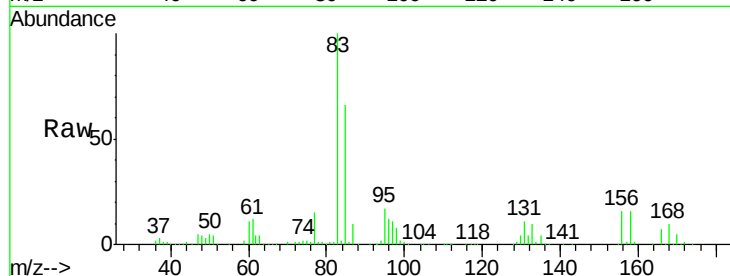
Tot Ion: 83 Resp: 91072

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

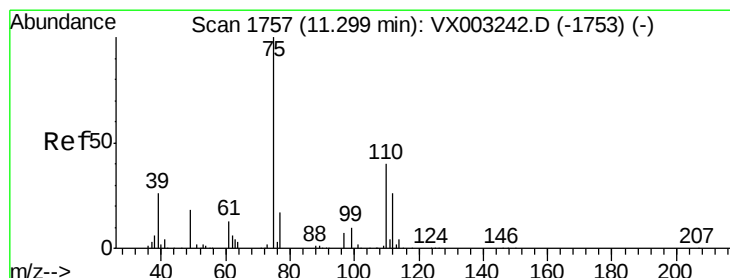
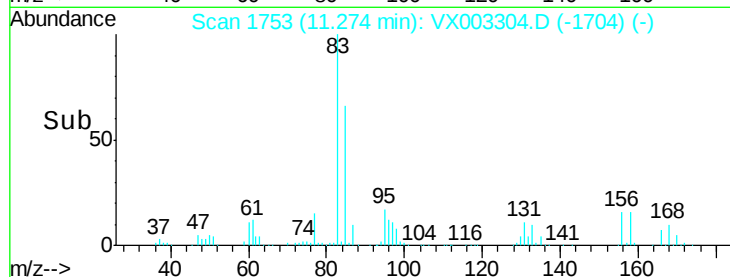
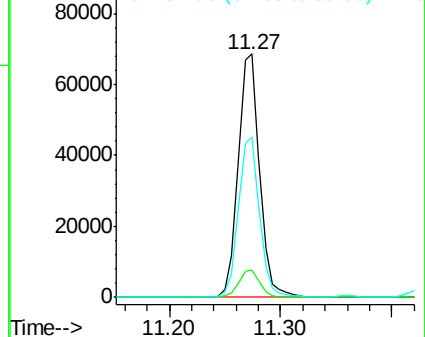
85 65.1 32.4 97.2



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: 23.42 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003304.D

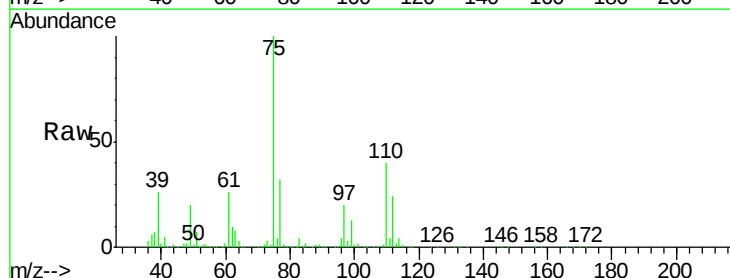
Acq: 11 Jul 2018 01:03

Tgt Ion: 75 Resp: 98198

Ion Ratio Lower Upper

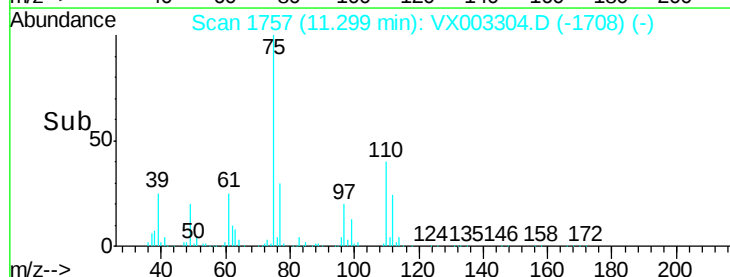
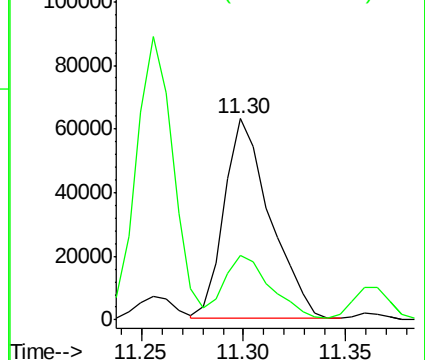
75 100

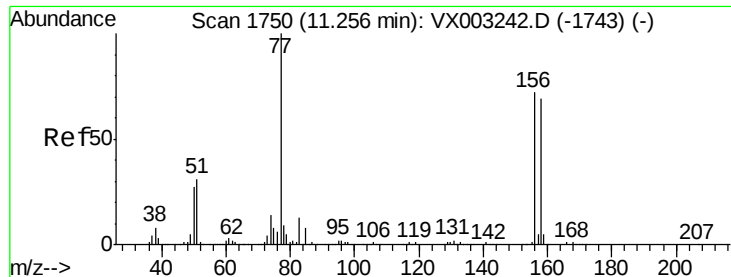
77 33.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.22 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

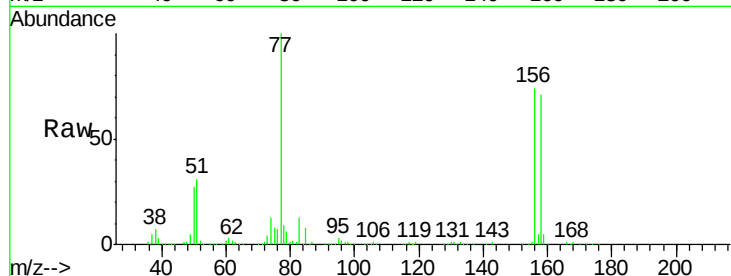
Tot Ion:156 Resp: 85000

Ion Ratio Lower Upper

156 100

77 132.2 71.4 214.2

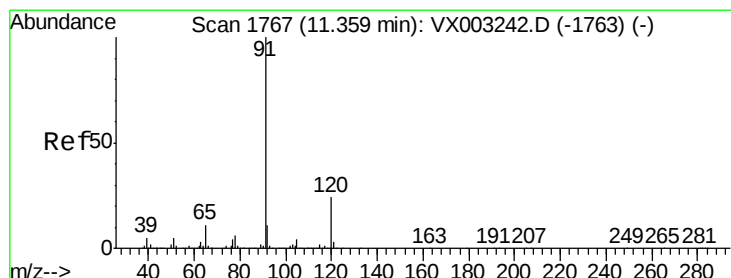
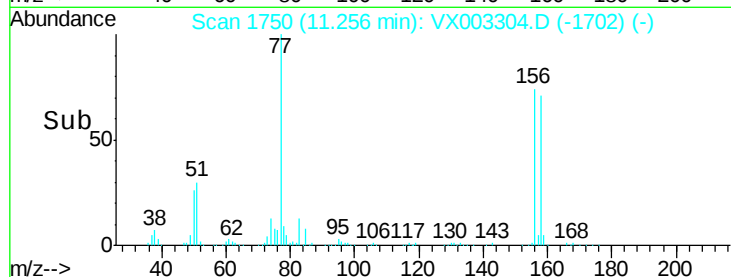
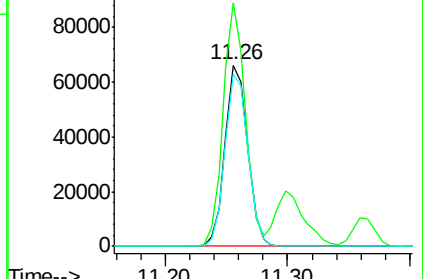
158 96.5 48.9 146.6



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: 19.28 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003304.D

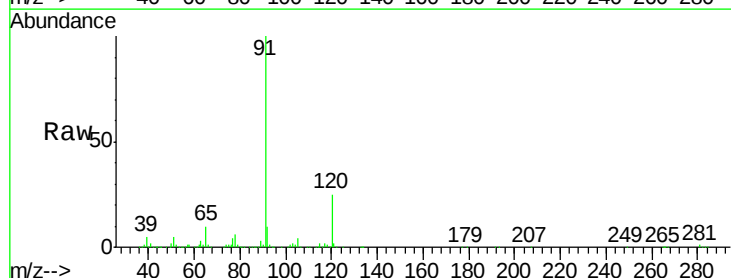
Acq: 11 Jul 2018 01:03

Tgt Ion: 91 Resp: 328483

Ion Ratio Lower Upper

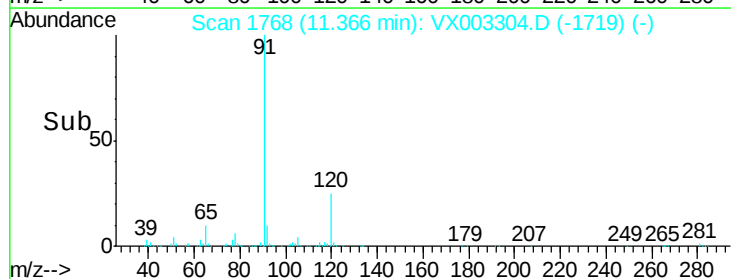
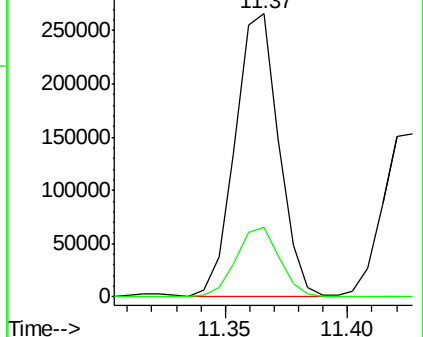
91 100

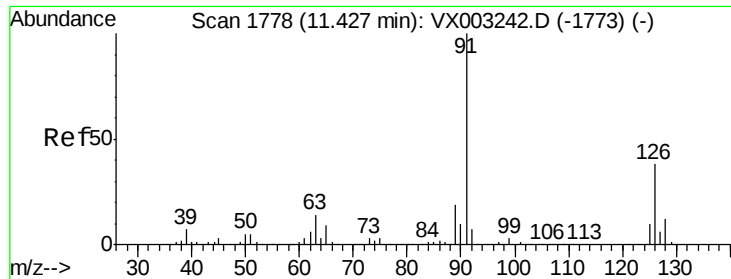
120 24.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

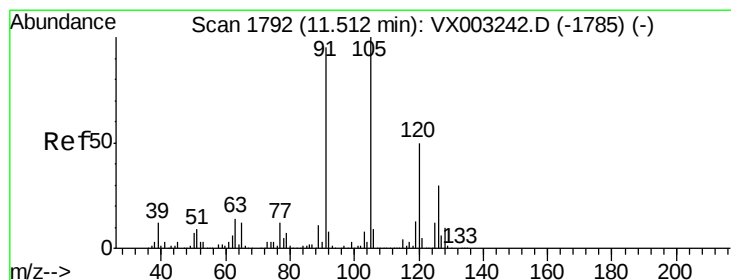
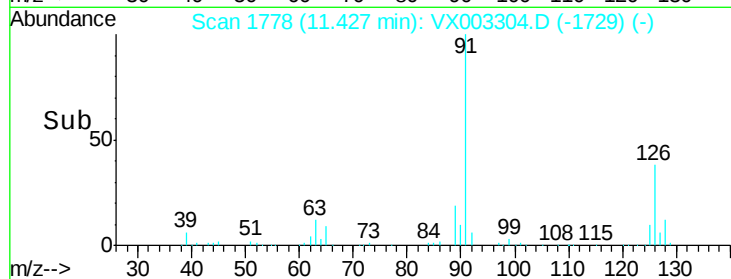
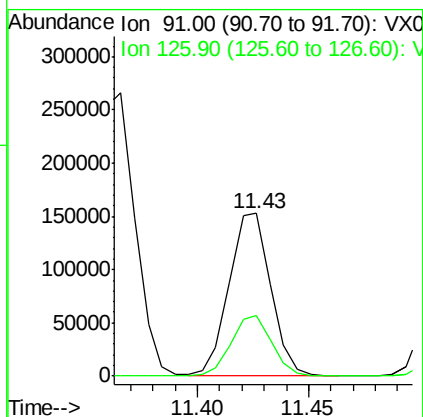
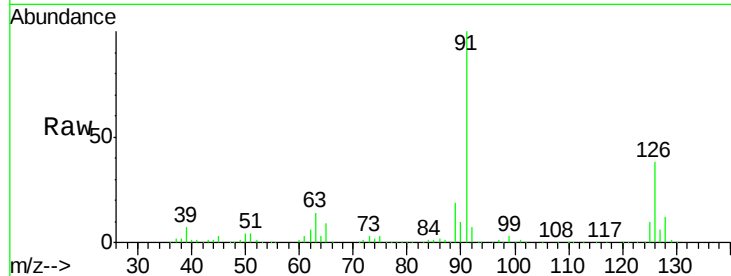




#79
 2-Chlorotoluene
 Concen: 19.13 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

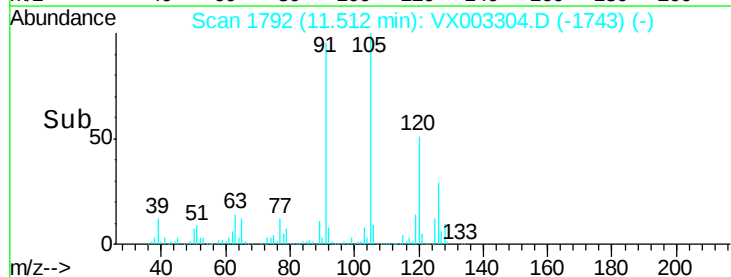
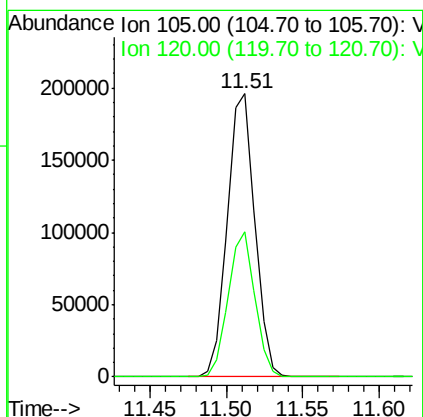
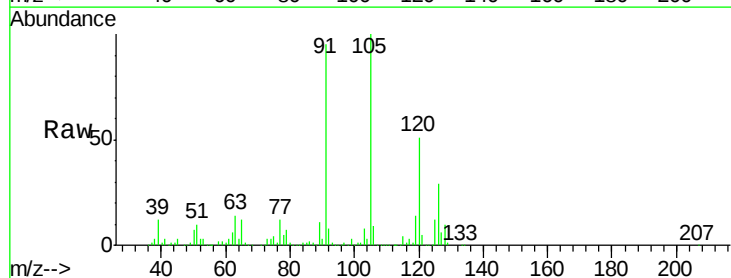
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

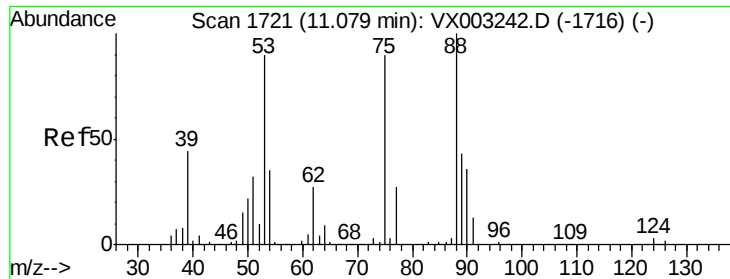
Tot Ion: 91 Resp: 198464
 Ion Ratio Lower Upper
 91 100
 126 36.8 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.22 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion: 105 Resp: 245200
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 14.62 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampled :

VX0710WBS02

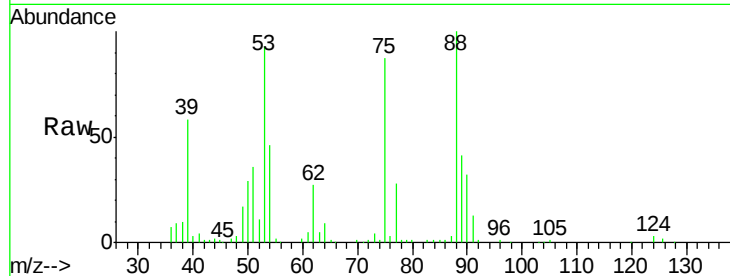
Tot Ion: 75 Resp: 18755

Ion Ratio Lower Upper

75 100

53 112.8 86.8 130.2

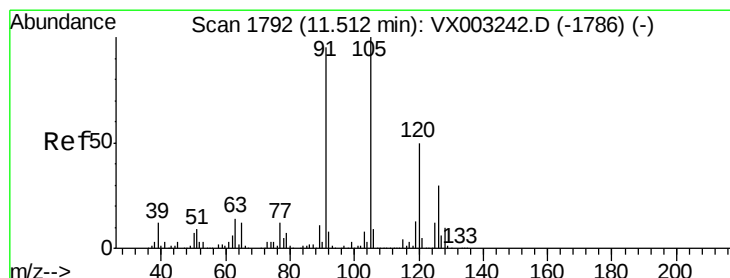
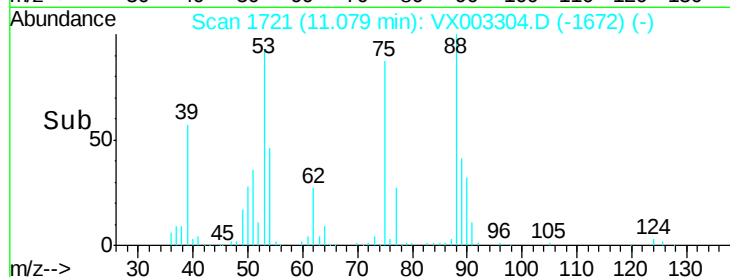
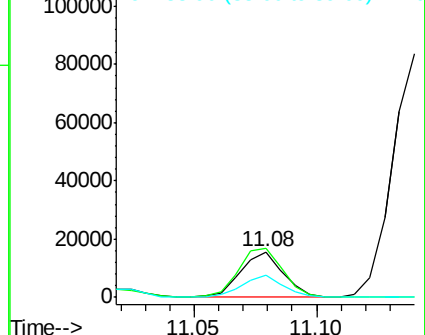
89 48.1 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.08 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003304.D

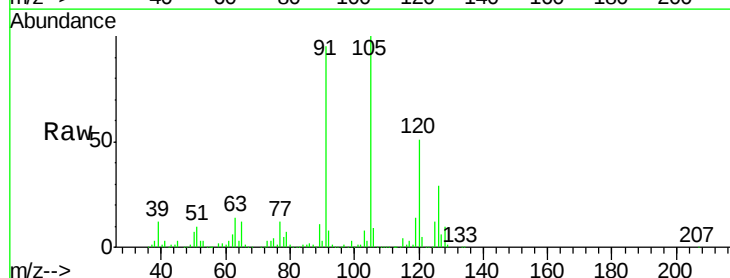
Acq: 11 Jul 2018 01:03

Tgt Ion: 91 Resp: 231152

Ion Ratio Lower Upper

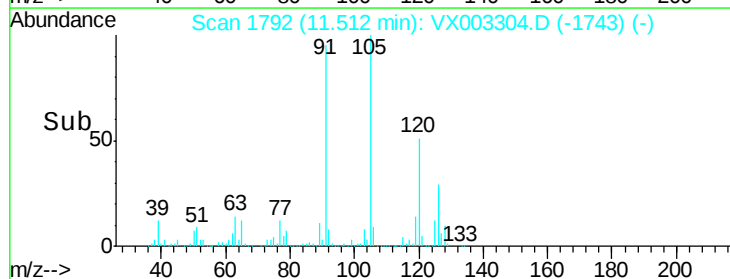
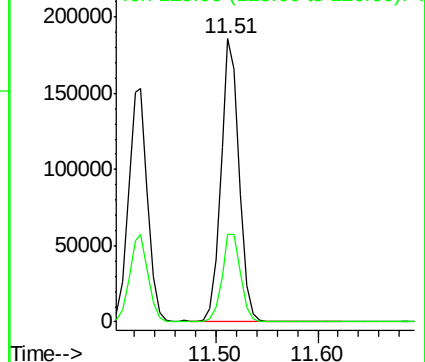
91 100

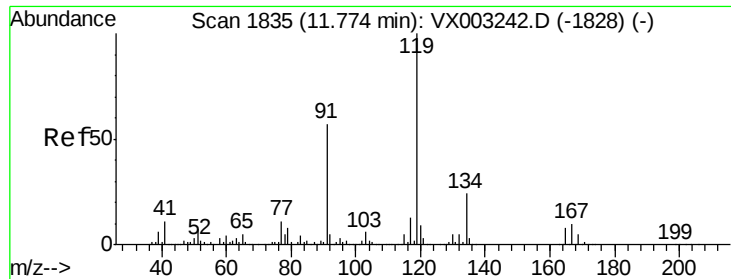
126 32.1 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

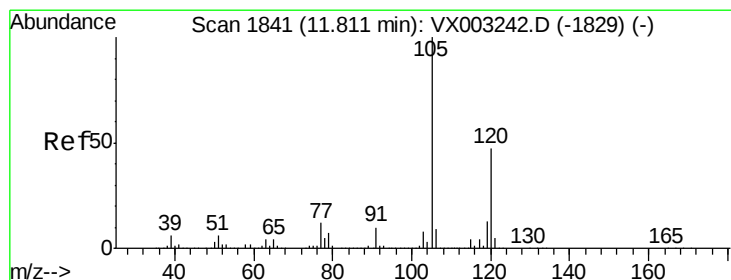
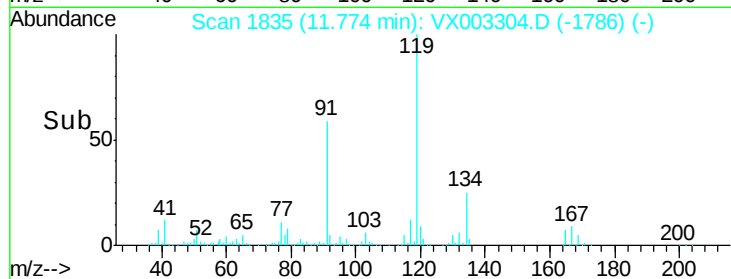
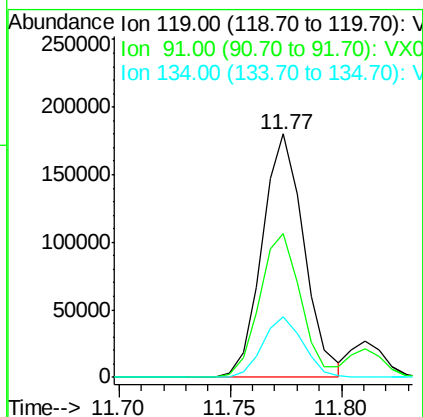
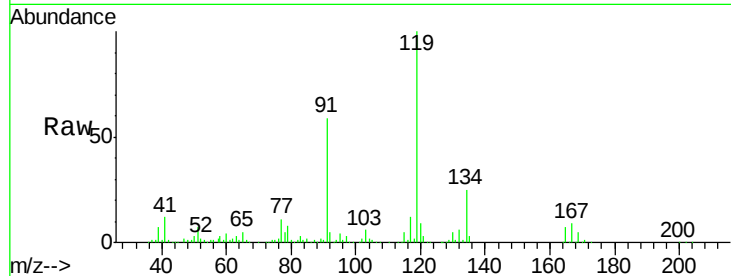




#83
 tert-Butylbenzene
 Concen: 18.42 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

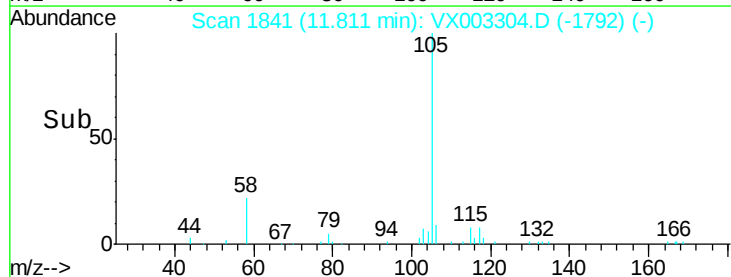
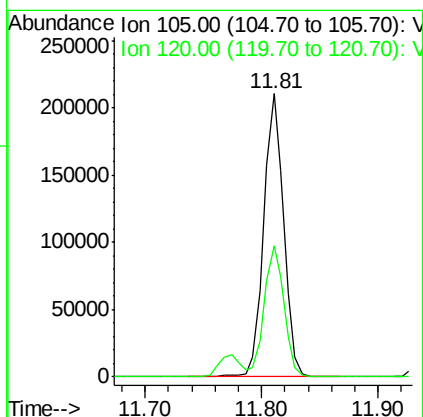
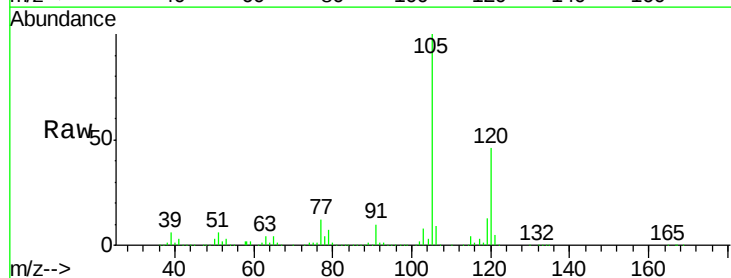
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

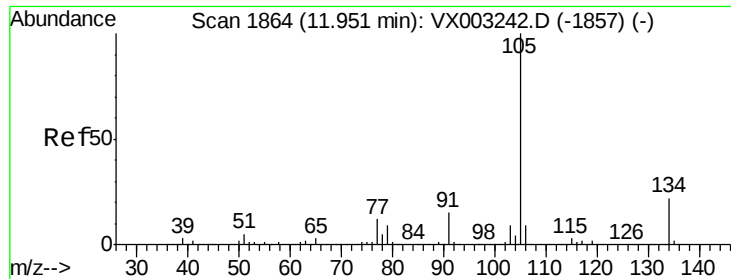
Tot Ion:119 Resp: 234755
 Ion Ratio Lower Upper
 119 100
 91 58.9 30.3 90.9
 134 24.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.24 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion:105 Resp: 251292
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 18.90 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampled :

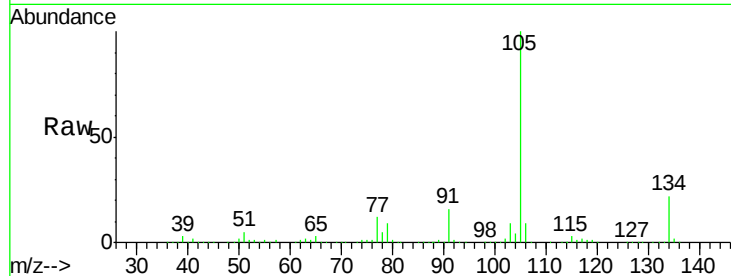
VX0710WBS02

Tot Ion:105 Resp: 284642

Ion Ratio Lower Upper

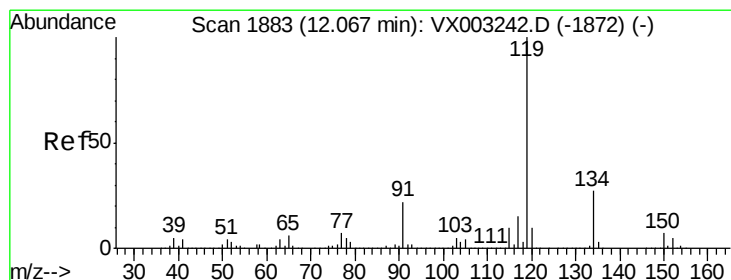
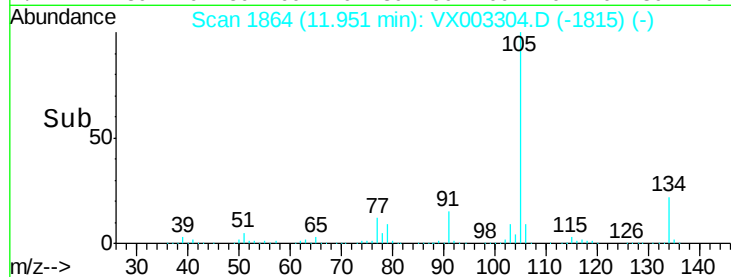
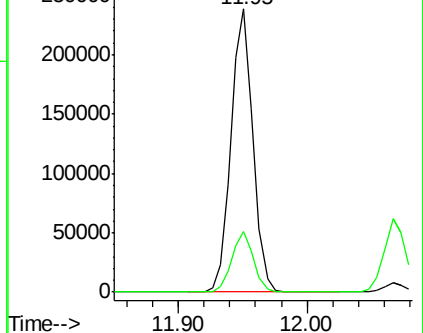
105 100

134 21.2 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: 19.10 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

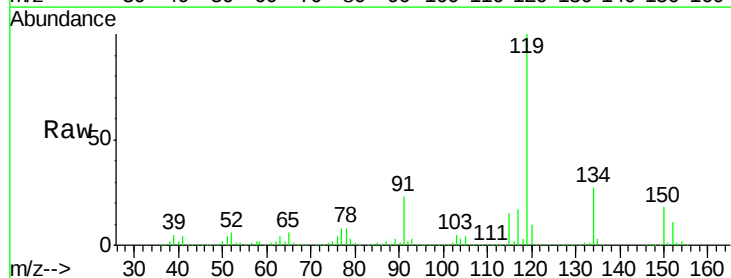
Tgt Ion:119 Resp: 262108

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.1

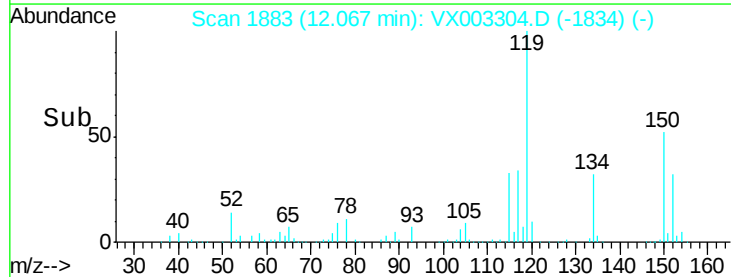
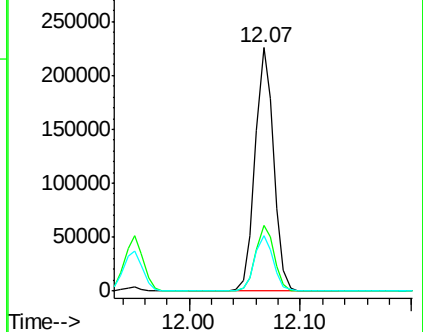
91 22.9 11.9 35.7

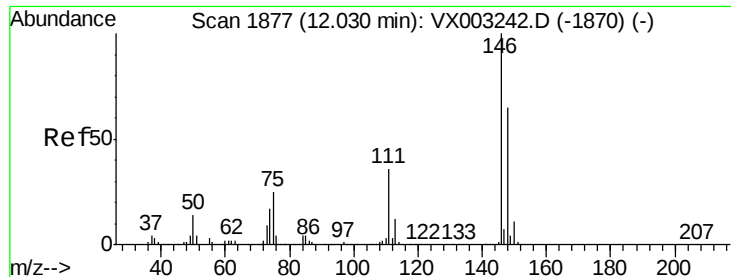


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.80 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

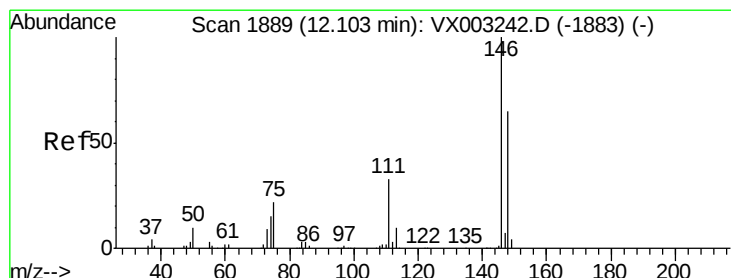
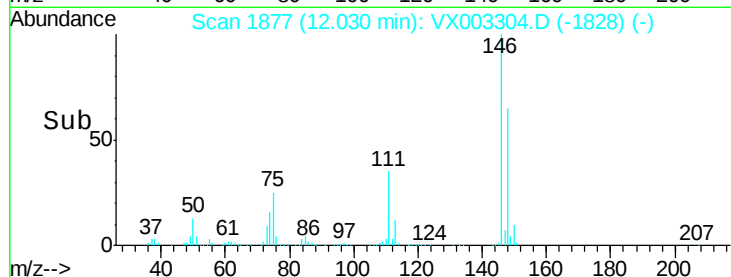
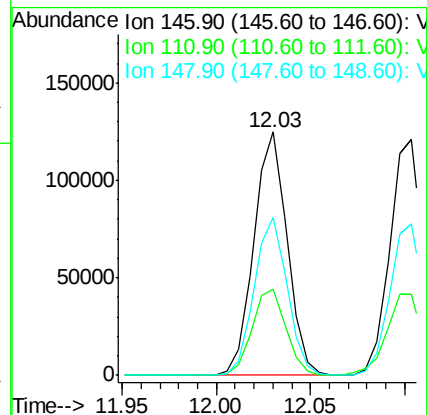
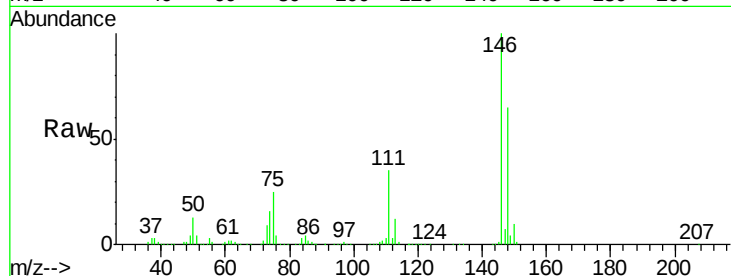
Tot Ion:146 Resp: 152518

Ion Ratio Lower Upper

146 100

111 36.3 18.9 56.7

148 64.4 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 18.58 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

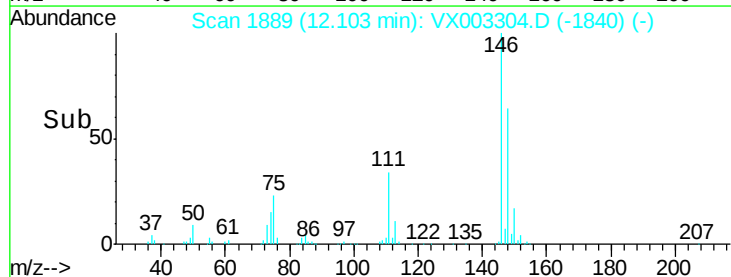
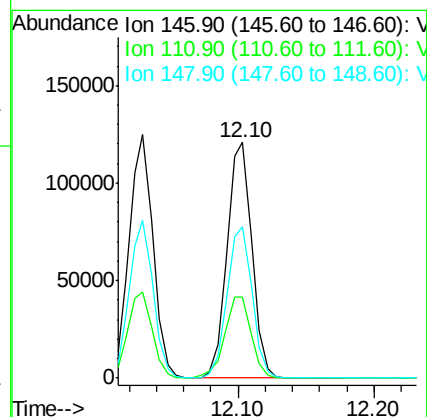
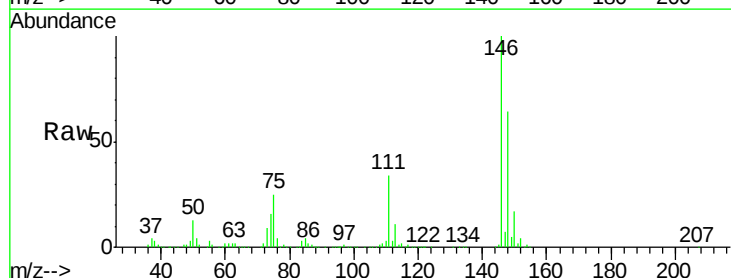
Tgt Ion:146 Resp: 152652

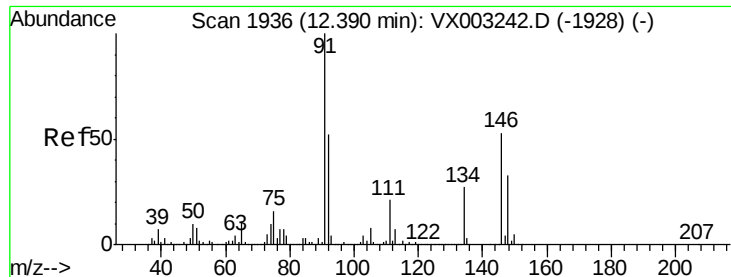
Ion Ratio Lower Upper

146 100

111 36.6 18.7 56.1

148 65.0 32.4 97.0

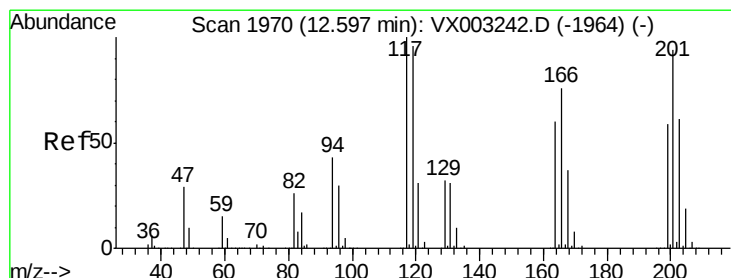
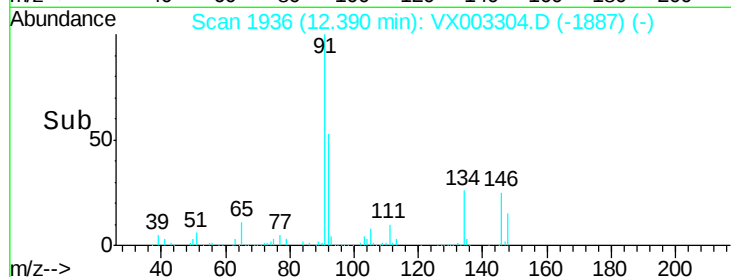
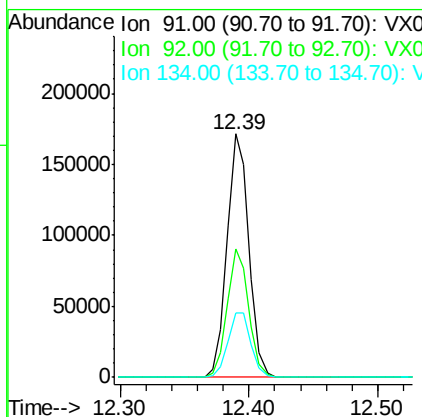
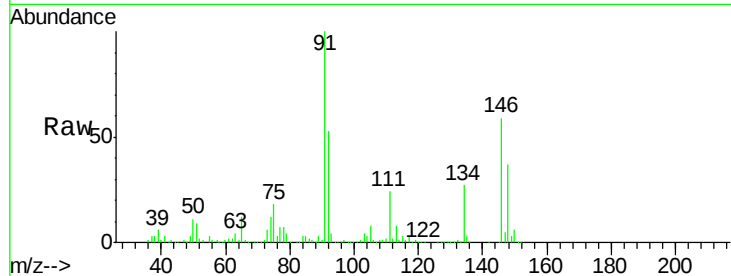




#89
n-Butylbenzene
Concen: 17.87 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

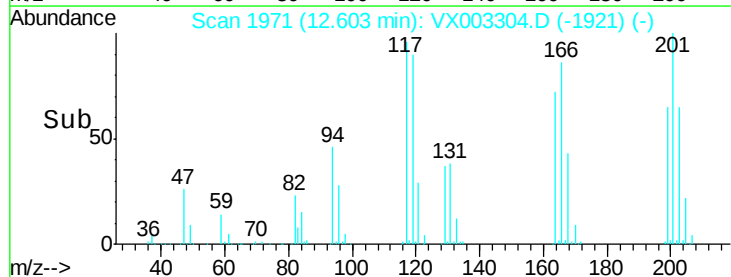
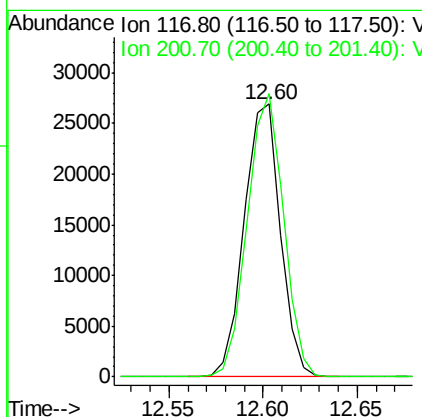
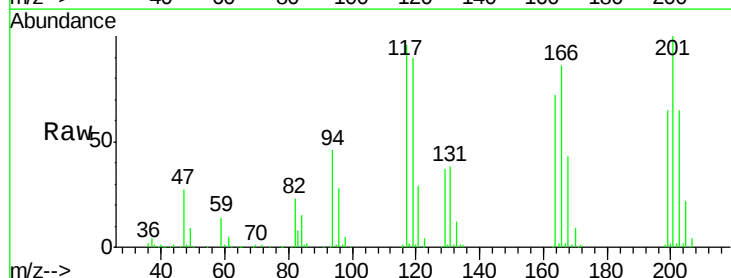
Instrument :
MSVOA_X
ClientSampled :
VX0710WBS02

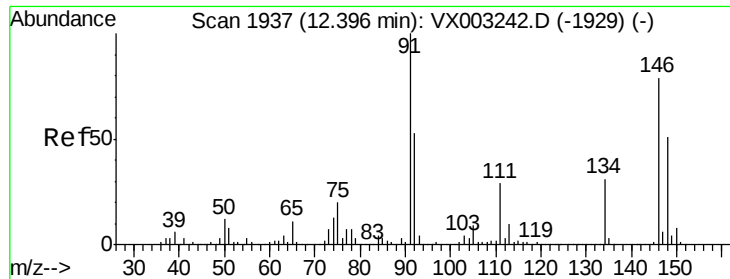
Tot Ion: 91 Resp: 204886
Ion Ratio Lower Upper
91 100
92 51.8 26.0 78.0
134 27.9 13.5 40.5



#90
Hexachloroethane
Concen: 17.16 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion: 117 Resp: 35947
Ion Ratio Lower Upper
117 100
201 103.3 49.0 147.0

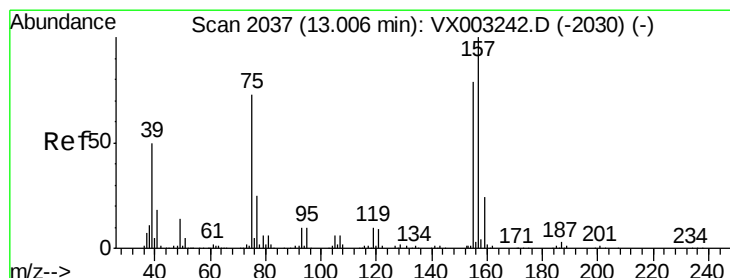
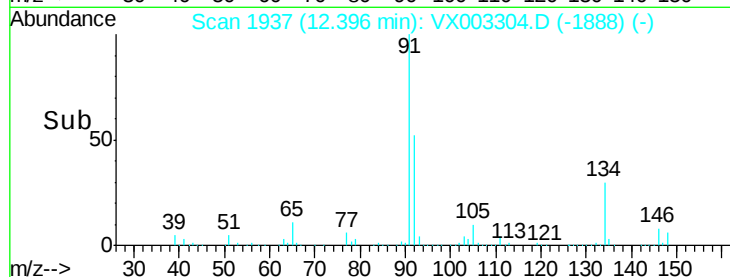
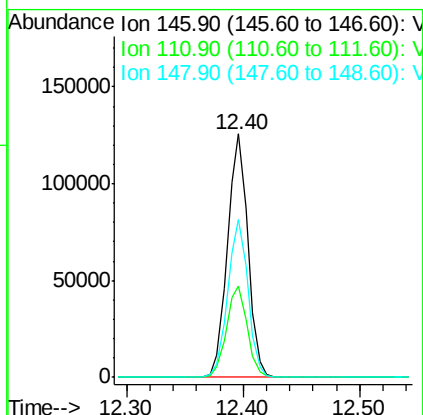
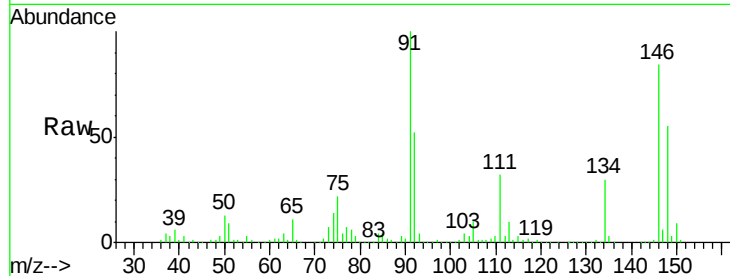




#91
 1,2-Dichlorobenzene
 Concen: 18.74 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

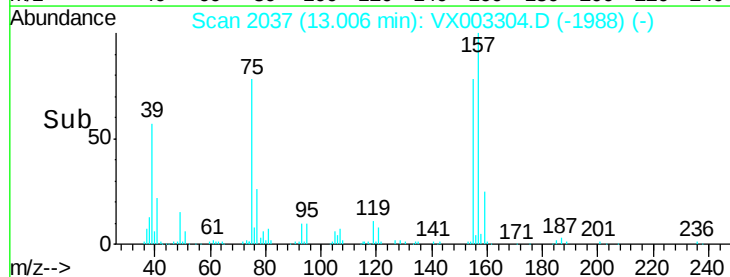
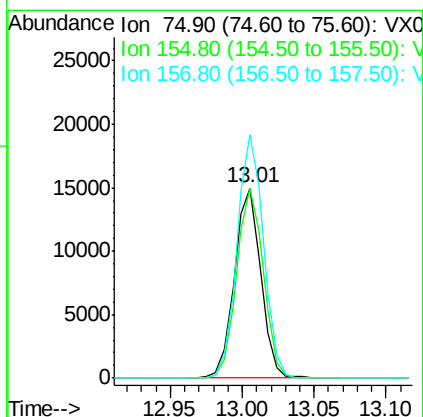
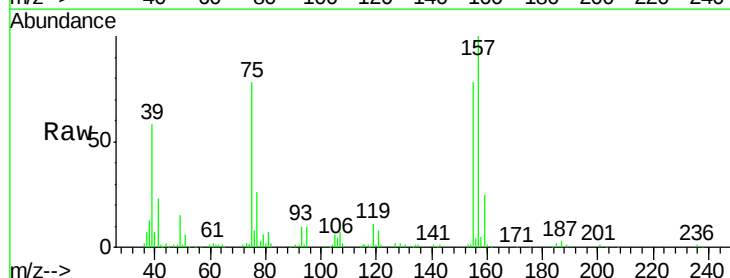
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

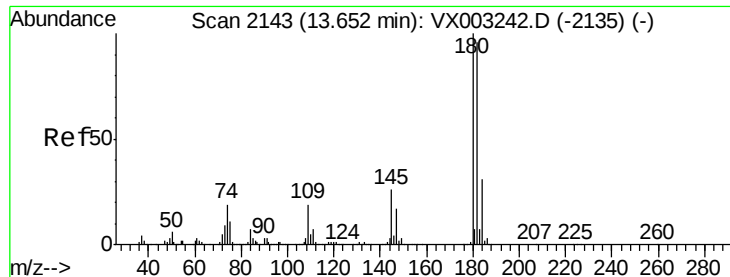
Tot Ion:146 Resp: 152662
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.4 58.1
 148 64.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.74 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion: 75 Resp: 19104
 Ion Ratio Lower Upper
 75 100
 155 101.0 45.8 137.4
 157 127.4 60.1 180.3

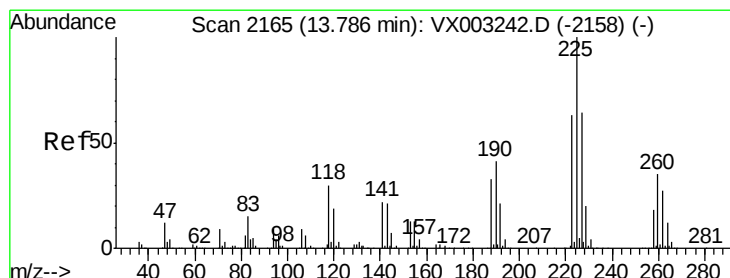
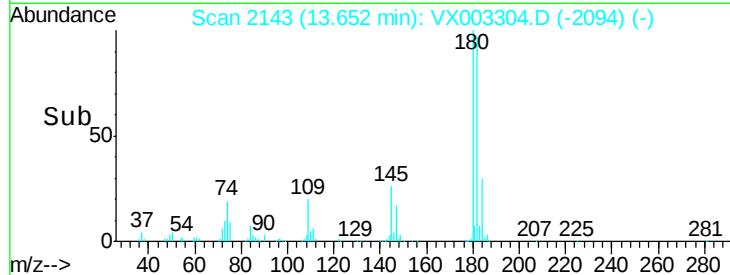
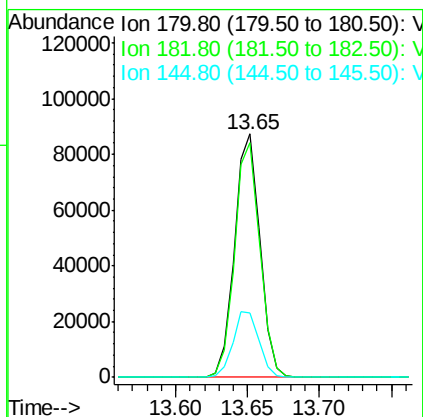
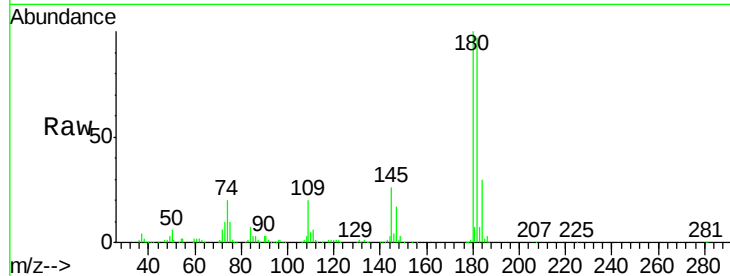




#93
 1,2,4-Trichlorobenzene
 Concen: 18.18 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

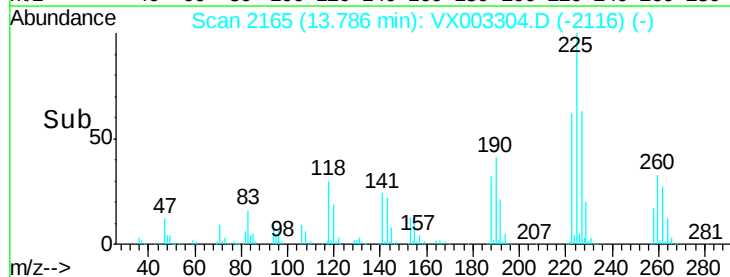
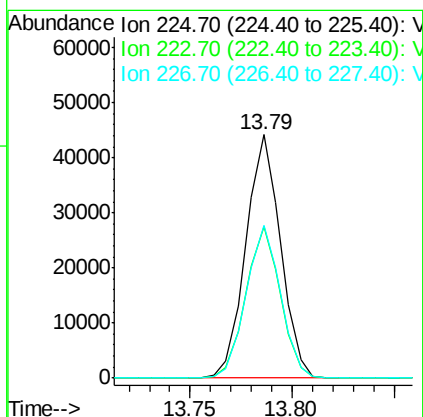
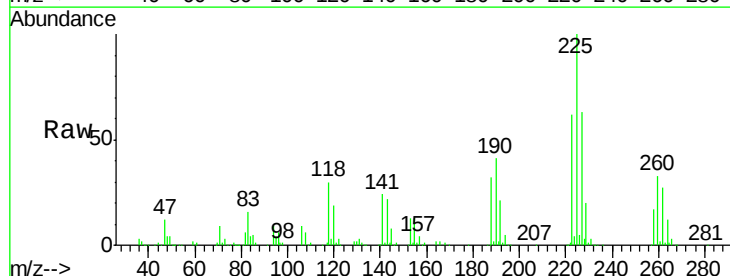
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

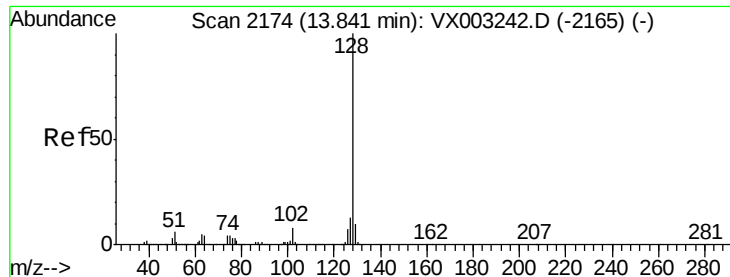
Tot Ion:180 Resp: 107811
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.7 143.1
 145 27.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 17.67 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion:225 Resp: 52164
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.6 95.0
 227 62.3 32.4 97.2





#95

Naphthalene

Concen: 19.01 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

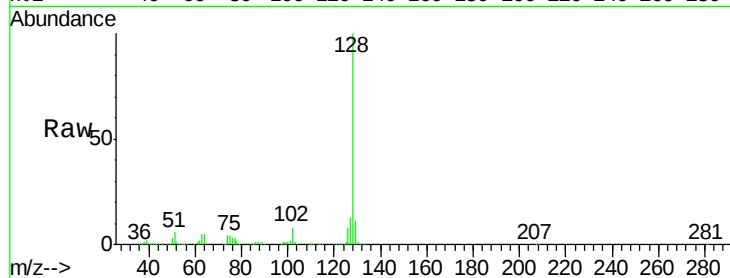
Tot Ion:128 Resp: 294969

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

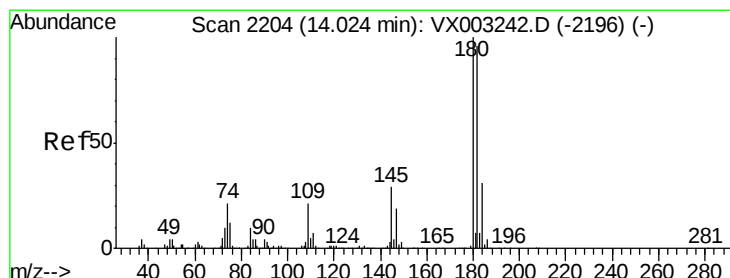
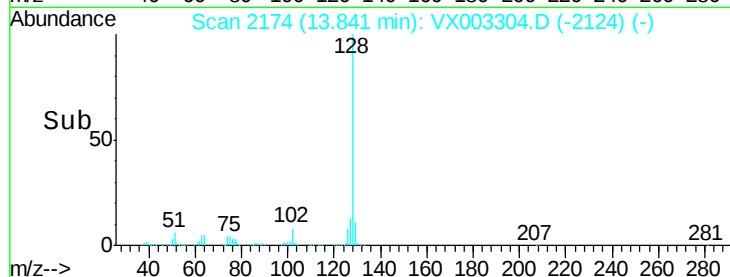
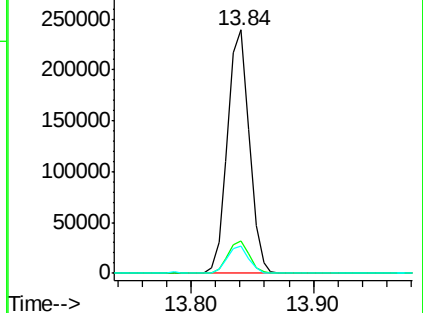
129 10.9 8.6 13.0



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: 18.64 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

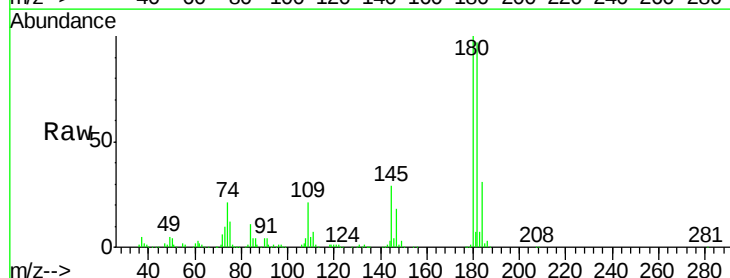
Tgt Ion:180 Resp: 110247

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.0

145 29.2 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

