

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX002982.D
 Acq On : 28 Jun 2018 13:54
 Operator : JC/MD
 Sample : VX0628WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

Quant Time: Jun 29 06:07:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	303344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	418392	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	395353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244254	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188525	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	
35) Dibromofluoromethane	5.51	113	150319	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
50) Toluene-d8	8.72	98	540018	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
62) 4-Bromofluorobenzene	11.14	95	205371	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61261	22.45	ug/l	98
3) Chloromethane	1.32	50	57701	19.80	ug/l	98
4) Vinyl Chloride	1.40	62	64689	18.86	ug/l	# 87
5) Bromomethane	1.64	94	25191	13.76	ug/l	97
6) Chloroethane	1.72	64	42709	19.95	ug/l	95
7) Trichlorofluoromethane	1.93	101	104154	18.00	ug/l	98
8) Diethyl Ether	2.19	74	37978	18.05	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58981	17.59	ug/l	99
10) Methyl Iodide	2.51	142	37597	15.91	ug/l	100
11) Tert butyl alcohol	3.07	59	77796	93.14	ug/l	100
12) 1,1-Dichloroethene	2.37	96	53432	17.86	ug/l	97
13) Acrolein	2.29	56	44949	99.66	ug/l	98
14) Allyl chloride	2.73	41	104676	17.75	ug/l	98
15) Acrylonitrile	3.15	53	162256	90.95	ug/l	99
16) Acetone	2.45	43	181185	104.35	ug/l	100
17) Carbon Disulfide	2.57	76	157311	19.74	ug/l	98
18) Methyl Acetate	2.78	43	76283	15.71	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	186978	17.39	ug/l	98
20) Methylene Chloride	2.85	84	58840	17.41	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	56525	17.35	ug/l	98
22) Diisopropyl ether	3.87	45	202839	17.99	ug/l	96
23) Vinyl Acetate	3.82	43	903526	94.66	ug/l	100
24) 1,1-Dichloroethane	3.70	63	110987	18.11	ug/l	99
25) 2-Butanone	4.71	43	248168	96.30	ug/l	99
26) 2,2-Dichloropropane	4.59	77	90302	18.13	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	65021	17.80	ug/l	98
28) Bromochloromethane	5.02	49	53137	18.12	ug/l	95
29) Tetrahydrofuran	5.17	42	153058	92.62	ug/l	98
30) Chloroform	5.22	83	113901	18.11	ug/l	97
31) Cyclohexane	5.57	56	96509	18.35	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	100492	18.16	ug/l	99
36) 1,1-Dichloropropene	5.81	75	81919	17.85	ug/l	99
37) Ethyl Acetate	4.87	43	93471	18.92	ug/l	99
38) Carbon Tetrachloride	5.78	117	89477	17.77	ug/l	97

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 Data File : VX002982.D
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 Sample : VX0628WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

Quant Time: Jun 29 06:07:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97137	18.18	ug/l	96
40) Benzene	6.15	78	240016	18.00	ug/l	99
41) Methacrylonitrile	5.07	41	51544	18.12	ug/l	98
42) 1,2-Dichloroethane	6.20	62	94529	17.55	ug/l	100
43) Isopropyl Acetate	6.47	43	146488	17.68	ug/l	99
44) Trichloroethene	7.21	130	70129	17.64	ug/l	98
45) 1,2-Dichloropropane	7.52	63	63144	17.86	ug/l	100
46) Dibromomethane	7.67	93	43743	17.82	ug/l	97
47) Bromodichloromethane	7.90	83	81429	17.95	ug/l	99
48) Methyl methacrylate	7.78	41	75405	17.66	ug/l	97
49) 1,4-Dioxane	7.76	88	29792	358.69	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	478669	92.34	ug/l	98
52) Toluene	8.79	92	155883	18.25	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	92436	17.99	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	85993	17.39	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	63608	18.13	ug/l	98
56) Ethyl methacrylate	9.18	69	93269	18.18	ug/l	97
57) 1,3-Dichloropropane	9.38	76	104142	18.07	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	243339	98.34	ug/l	99
59) 2-Hexanone	9.50	43	372130	94.46	ug/l	98
60) Dibromochloromethane	9.59	129	67303	18.22	ug/l	99
61) 1,2-Dibromoethane	9.68	107	66858	18.16	ug/l	99
64) Tetrachloroethene	9.34	164	75076	17.08	ug/l	98
65) Chlorobenzene	10.14	112	178104	17.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	65162	17.86	ug/l	99
67) Ethyl Benzene	10.26	91	298479	17.99	ug/l	97
68) m/p-Xylenes	10.36	106	233618	36.54	ug/l	99
69) o-Xylene	10.70	106	112473	18.07	ug/l	98
70) Styrene	10.71	104	185569	18.35	ug/l	99
71) Bromoform	10.86	173	51941	18.43	ug/l #	98
73) Isopropylbenzene	11.02	105	306613	18.66	ug/l	99
74) N-amyl acetate	6.47	43	146488	18.22	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	95897	18.95	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	102862	23.25	ug/l	81
77) Bromobenzene	11.26	156	85880	18.35	ug/l	96
78) n-propylbenzene	11.37	91	347464	18.58	ug/l	100
79) 2-Chlorotoluene	11.43	91	206274	18.22	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	260548	18.83	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21902	16.76	ug/l	93
82) 4-Chlorotoluene	11.51	91	243090	18.13	ug/l	100
83) tert-Butylbenzene	11.77	119	255633	18.74	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	263891	18.40	ug/l	98
85) sec-Butylbenzene	11.95	105	304927	18.43	ug/l	99
86) p-Isopropyltoluene	12.07	119	273150	18.36	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	154170	18.04	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	155191	17.65	ug/l	99
89) n-Butylbenzene	12.39	91	231548	17.88	ug/l	99
90) Hexachloroethane	12.60	117	38073	17.21	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	154608	17.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20321	17.86	ug/l	97

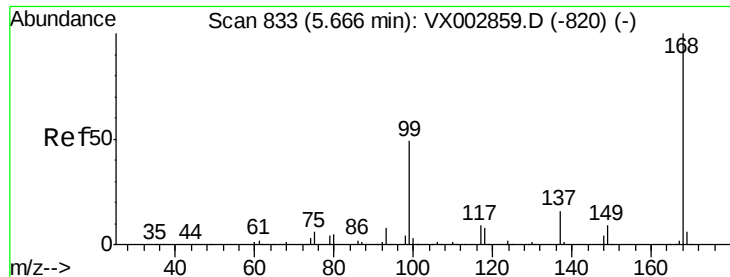
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062818\
Data File : VX002982.D
Acq On : 28 Jun 2018 13:54
Operator : JC/MD
Sample : VX0628WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Quant Time: Jun 29 06:07:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112019	17.84	ug/l	99
94) Hexachlorobutadiene	13.79	225	56145	17.93	ug/l	100
95) Naphthalene	13.84	128	309984	18.54	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	114111	18.20	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

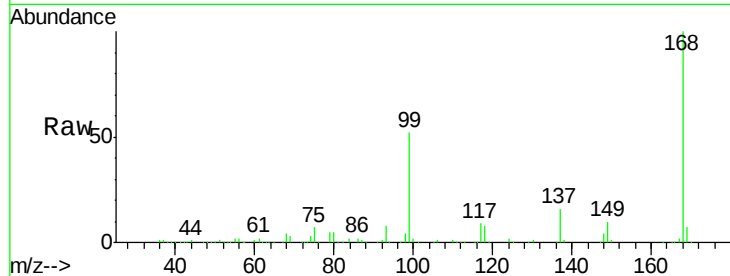
VX0628WBS01

Tot Ion:168 Resp: 303344

Ion Ratio Lower Upper

168 100

99 51.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

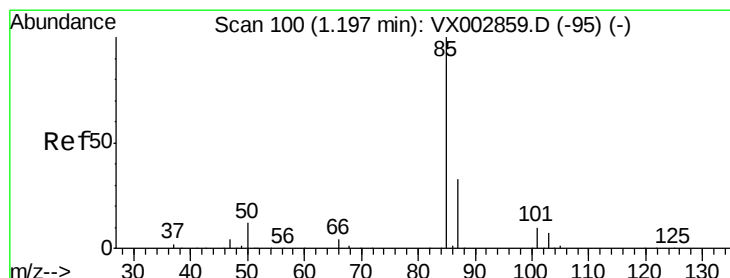
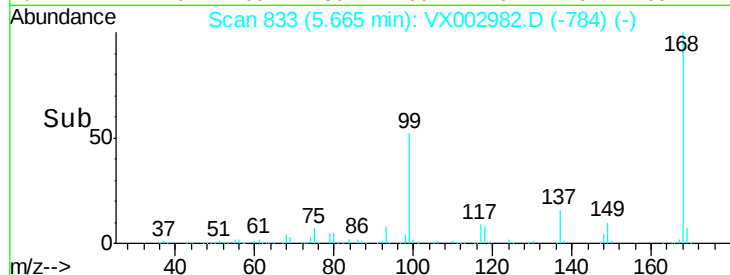
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.45 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002982.D

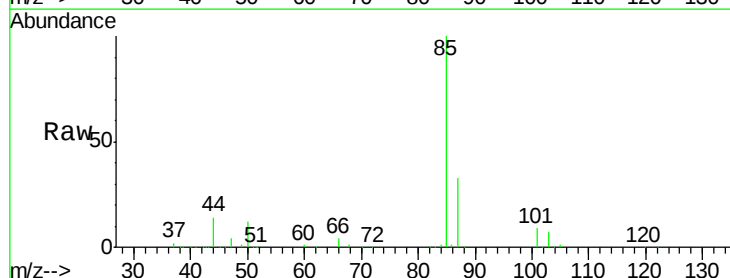
Acq: 28 Jun 2018 13:54

Tgt Ion: 85 Resp: 61261

Ion Ratio Lower Upper

85 100

87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

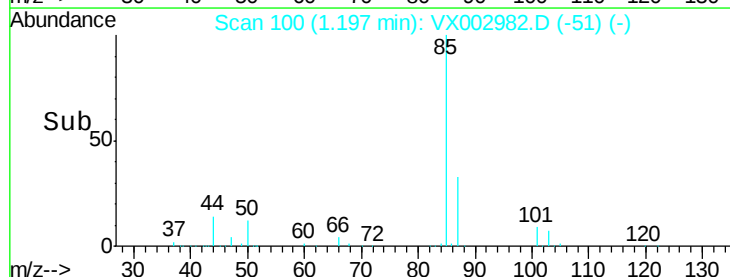
60000

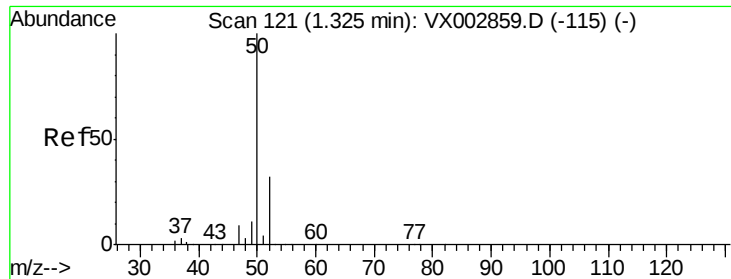
40000

20000

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Time-->





#3

Chloromethane

Concen: 19.80 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

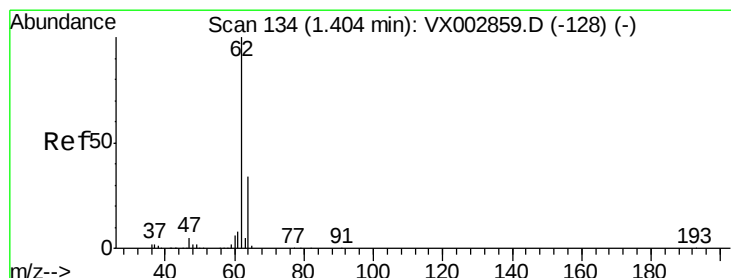
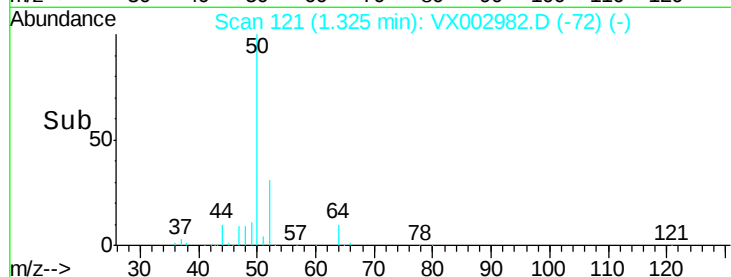
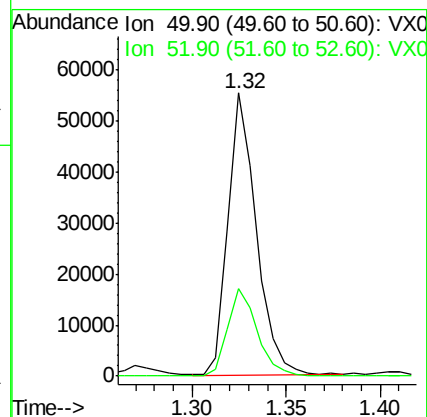
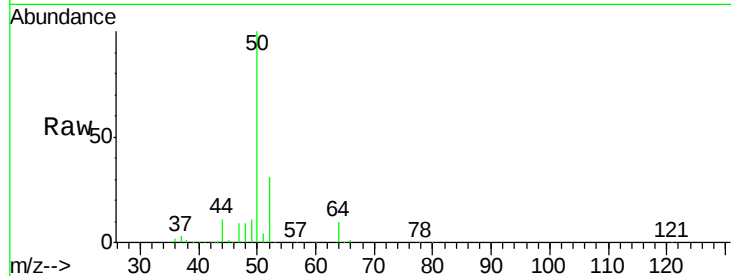
VX0628WBS01

Tot Ion: 50 Resp: 57701

Ion Ratio Lower Upper

50 100

52 30.9 25.7 38.5



#4

Vinyl Chloride

Concen: 18.86 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002982.D

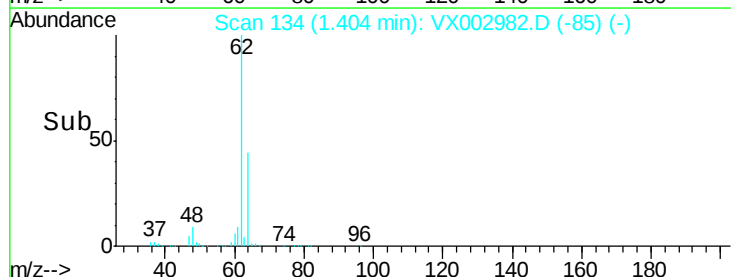
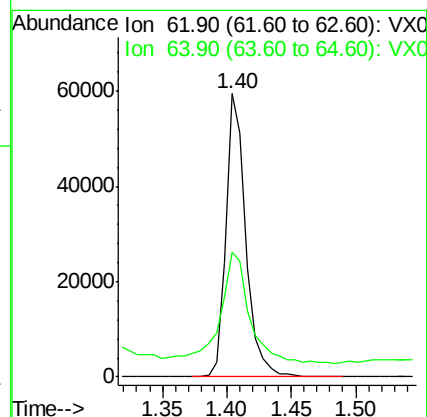
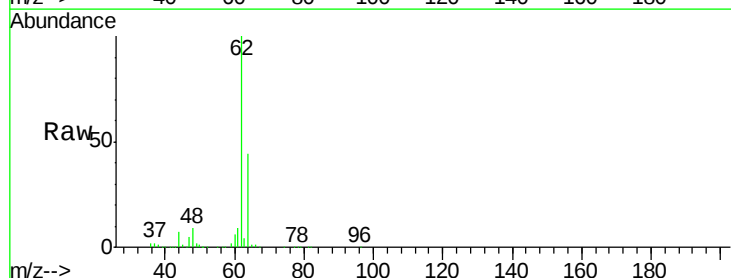
Acq: 28 Jun 2018 13:54

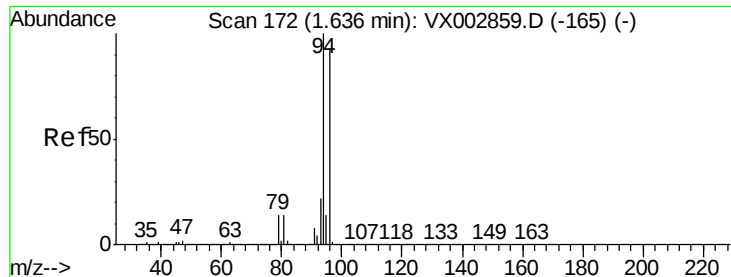
Tgt Ion: 62 Resp: 64689

Ion Ratio Lower Upper

62 100

64 39.0 25.4 38.2#





#5

Bromomethane

Concen: 13.76 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampled :

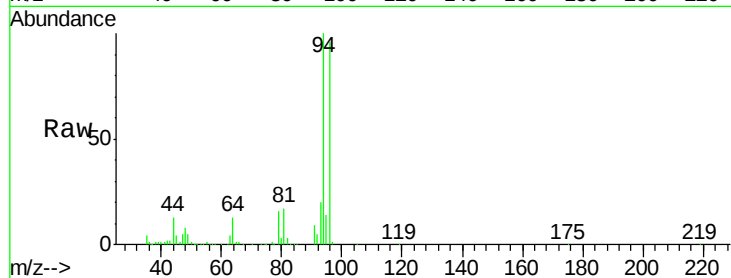
VX0628WBS01

Tot Ion: 94 Resp: 25191

Ion Ratio Lower Upper

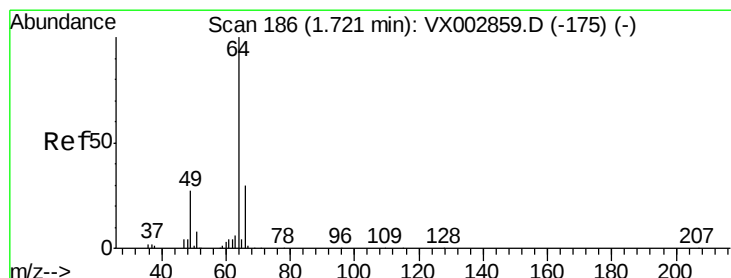
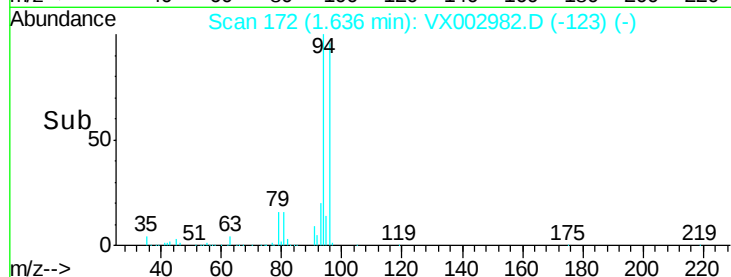
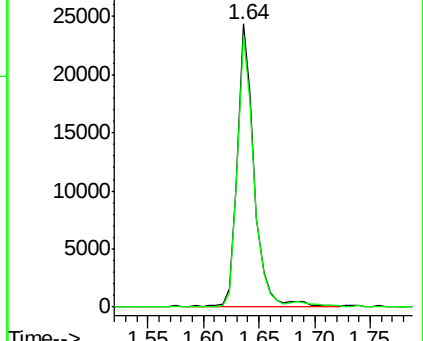
94 100

96 96.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.95 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002982.D

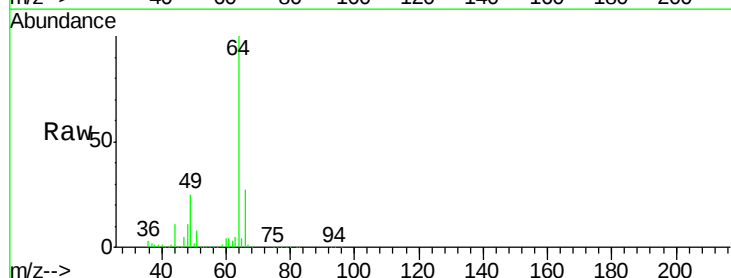
Acq: 28 Jun 2018 13:54

Tgt Ion: 64 Resp: 42709

Ion Ratio Lower Upper

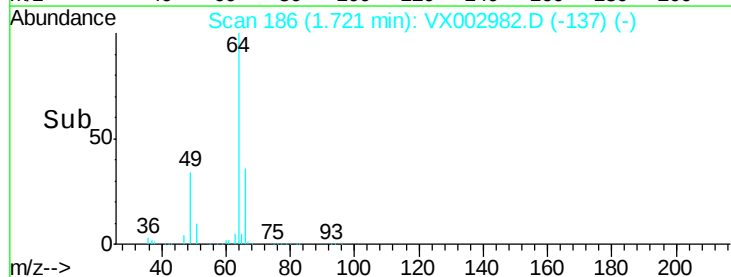
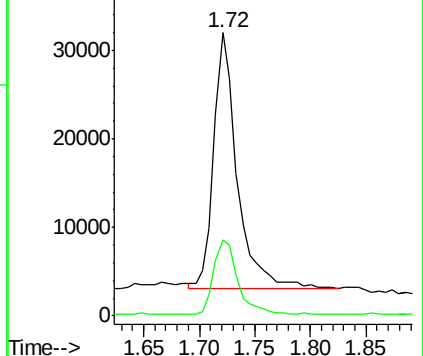
64 100

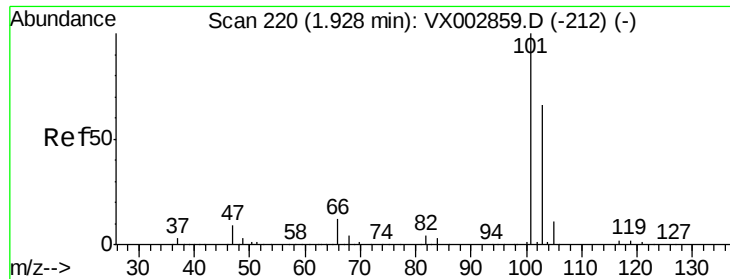
66 29.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



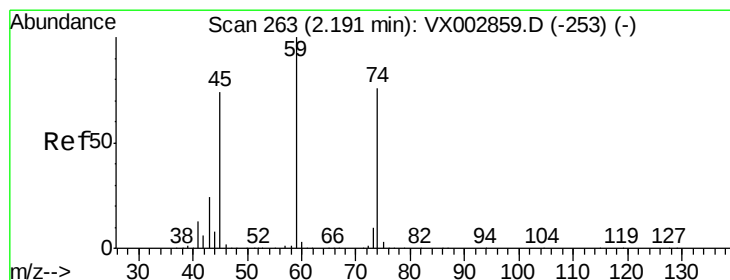
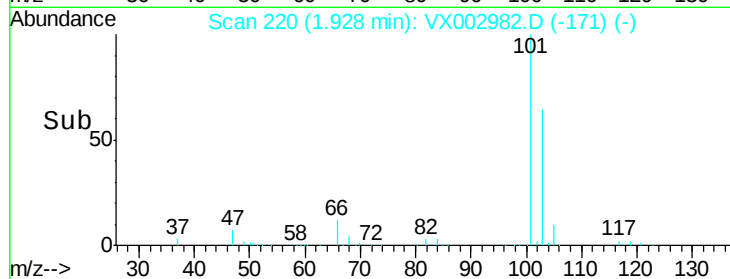
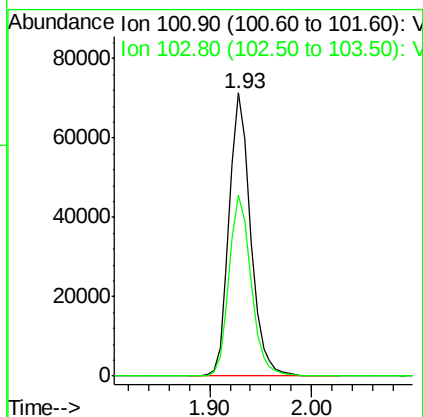
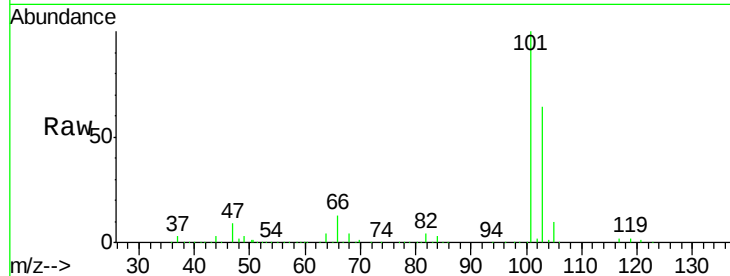


#7

Trichlorofluoromethane
 Concen: 18.00 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

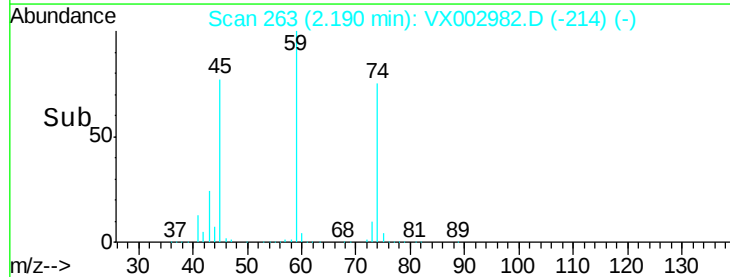
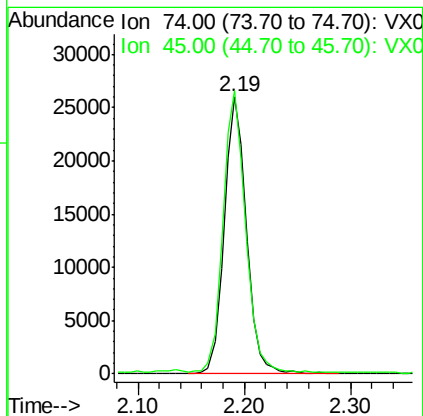
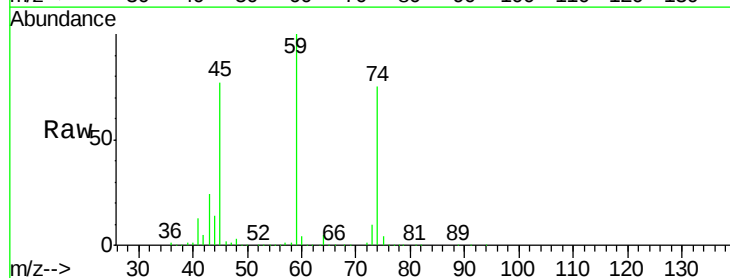
Tot Ion:101 Resp: 104154
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.8 79.2



#8

Diethyl Ether
 Concen: 18.05 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Tgt Ion: 74 Resp: 37978
 Ion Ratio Lower Upper
 74 100
 45 102.6 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.59 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

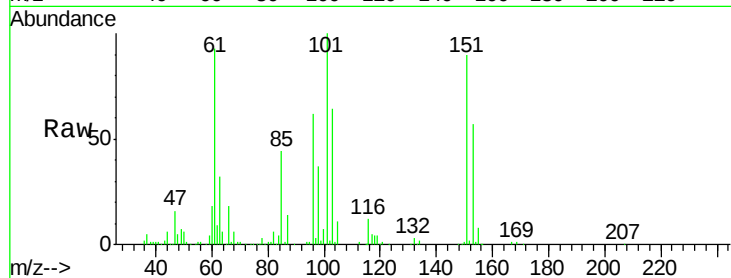
Tot Ion:101 Resp: 58981

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

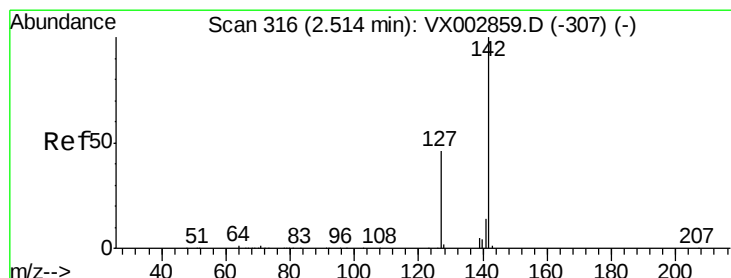
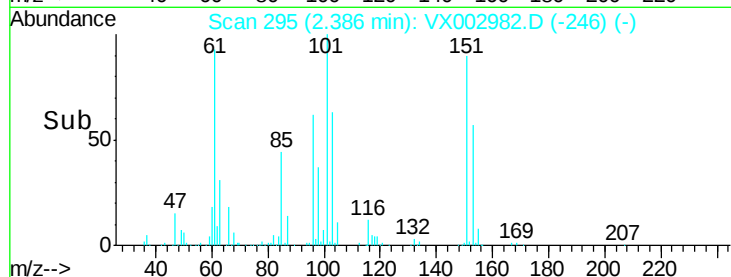
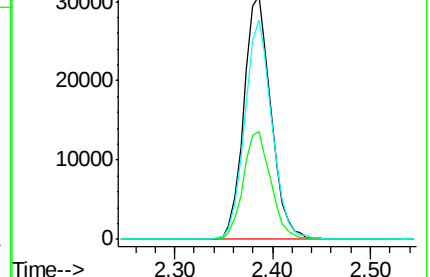
151 90.3 70.9 106.3



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: 15.91 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

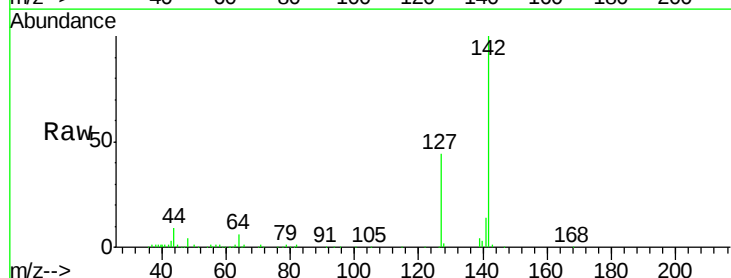
Tgt Ion:142 Resp: 37597

Ion Ratio Lower Upper

142 100

127 45.9 36.6 55.0

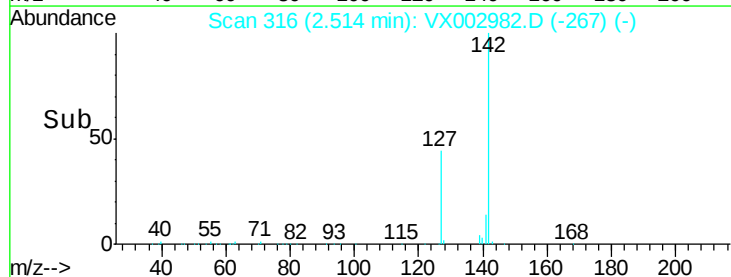
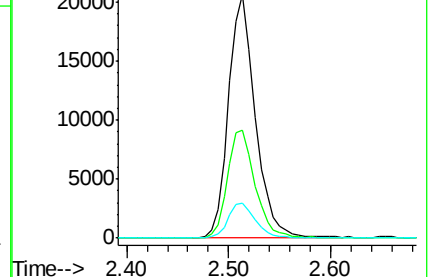
141 14.7 11.3 16.9

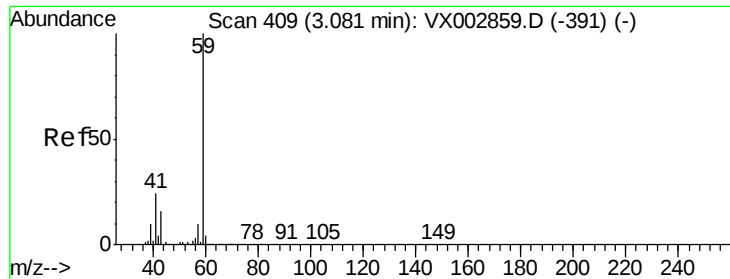


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



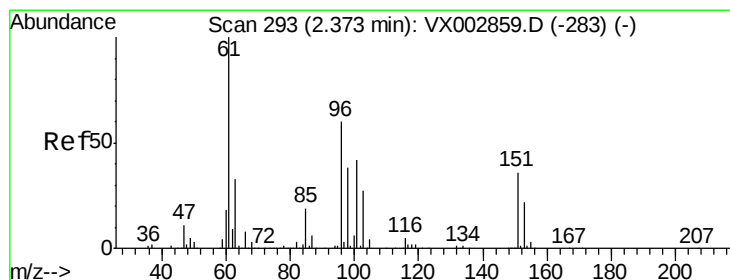
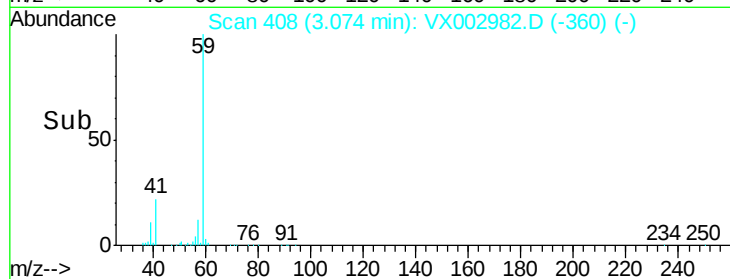
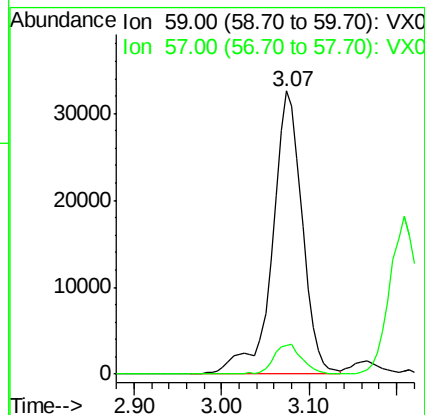
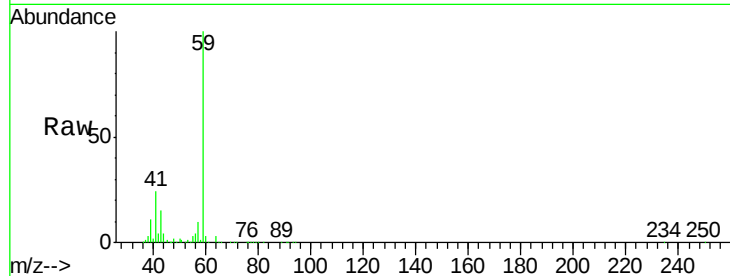


#11

Tert butyl alcohol
 Concen: 93.14 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

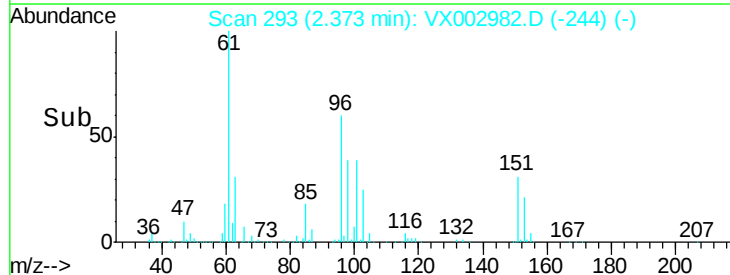
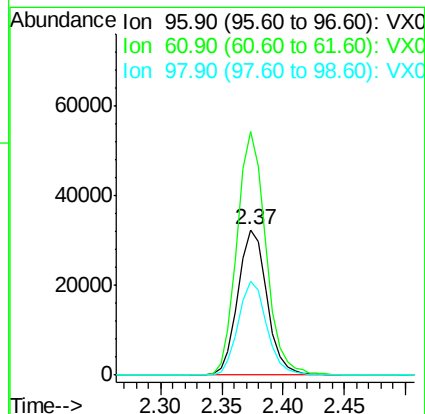
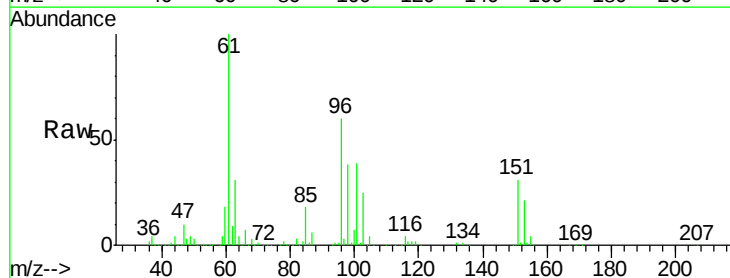
Tot Ion: 59 Resp: 77796
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2



#12

1,1-Dichloroethene
 Concen: 17.86 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Tgt Ion: 96 Resp: 53432
 Ion Ratio Lower Upper
 96 100
 61 167.6 137.9 206.9
 98 64.5 51.6 77.4





#13

Acrolein

Concen: 99.66 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

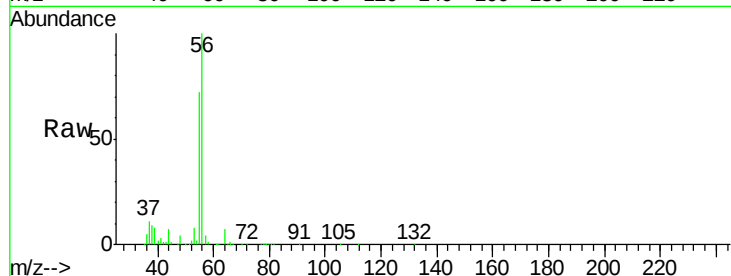
VX0628WBS01

Tot Ion: 56 Resp: 44949

Ion Ratio Lower Upper

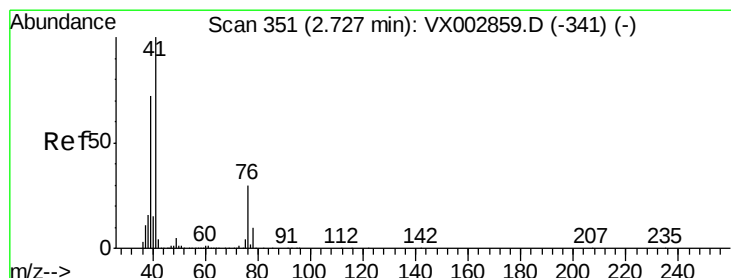
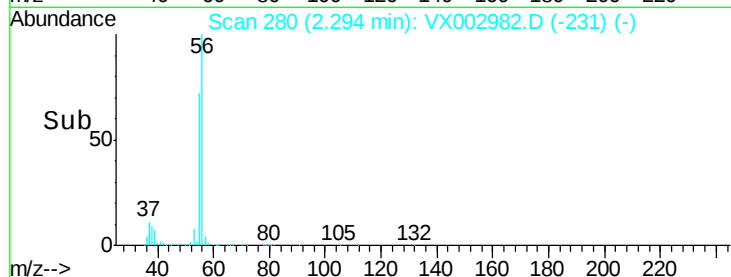
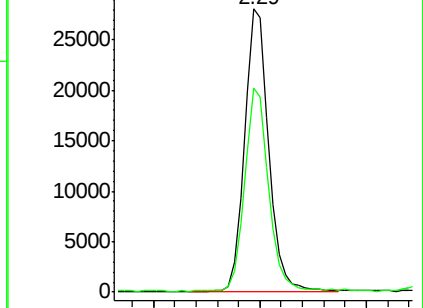
56 100

55 69.8 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: 17.75 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

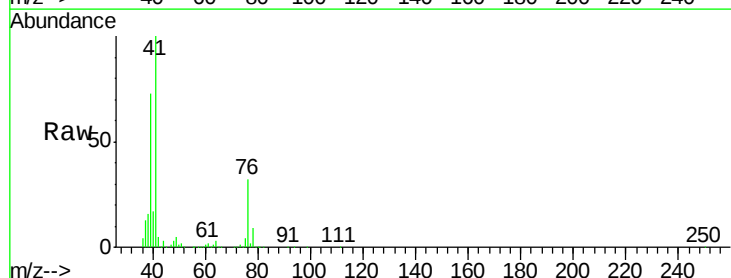
Tgt Ion: 41 Resp: 104676

Ion Ratio Lower Upper

41 100

39 68.5 56.8 85.2

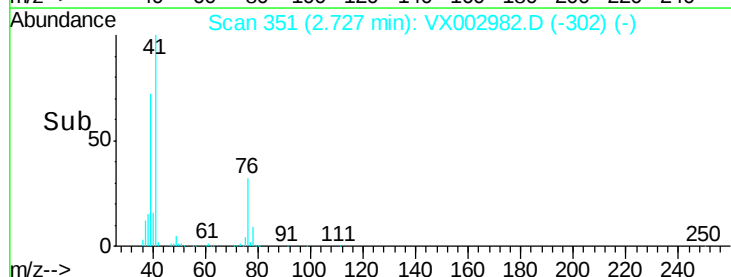
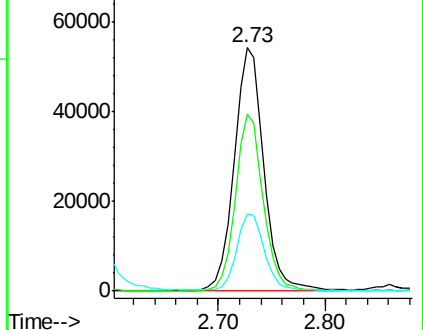
76 30.3 23.8 35.8

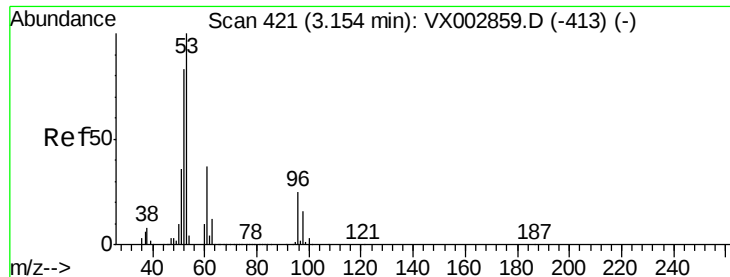


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

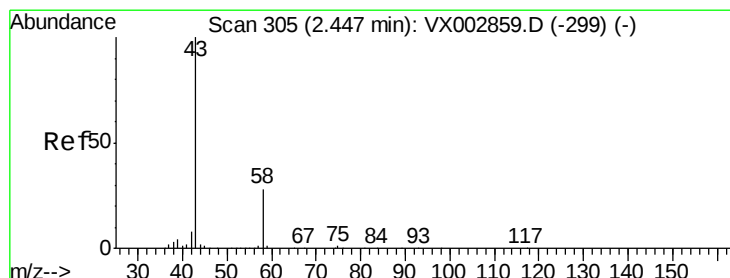
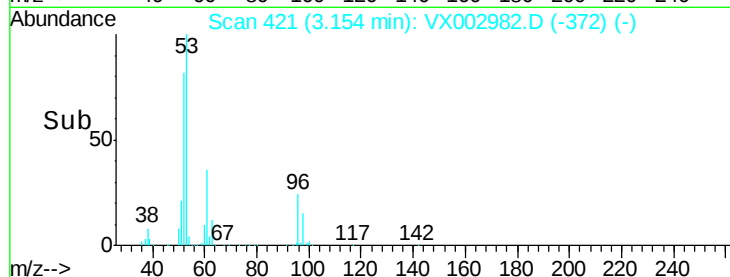
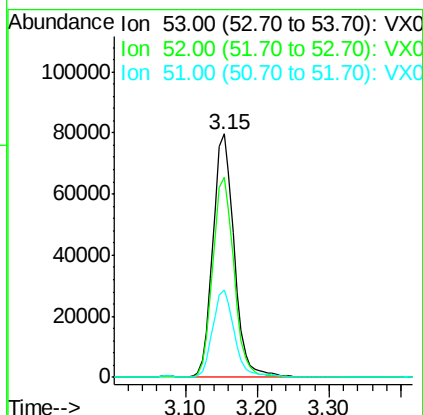
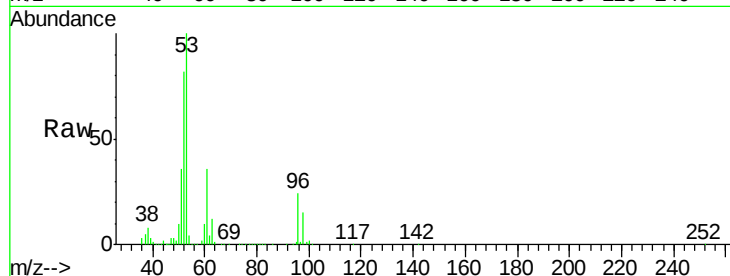




#15
 Acrylonitrile
 Concen: 90.95 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

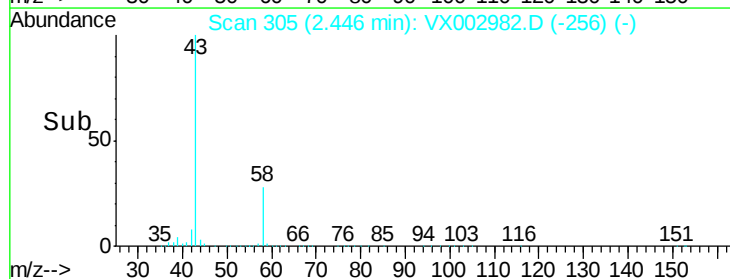
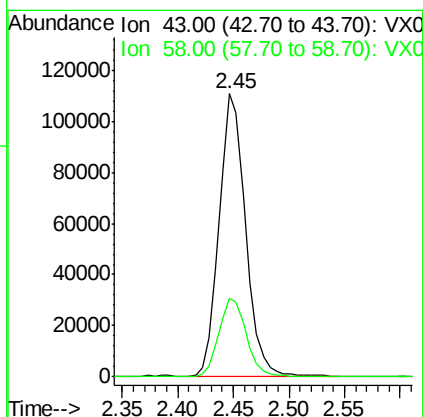
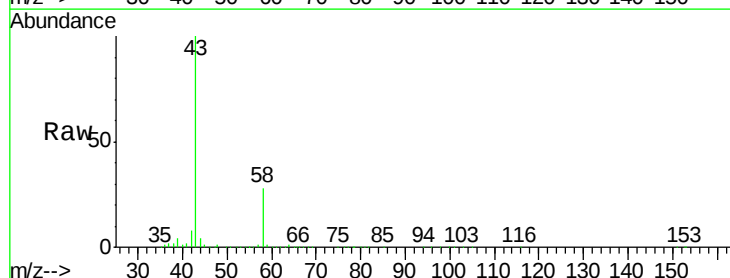
Instrument :
 MSVOA_X
 ClientSampled :
 VX0628WBS01

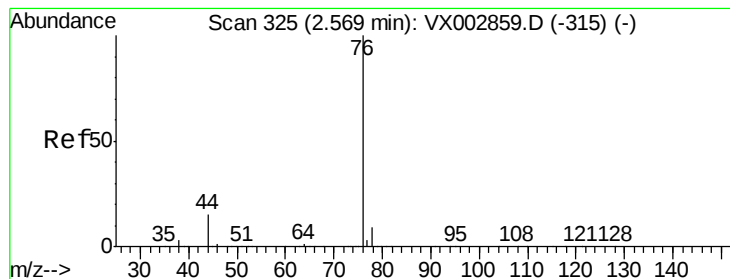
Tot Ion: 53 Resp: 162256
 Ion Ratio Lower Upper
 53 100
 52 82.3 66.7 100.1
 51 36.8 29.9 44.9



#16
 Acetone
 Concen: 104.35 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Tgt Ion: 43 Resp: 181185
 Ion Ratio Lower Upper
 43 100
 58 27.8 22.1 33.1





#17

Carbon Disulfide

Concen: 19.74 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

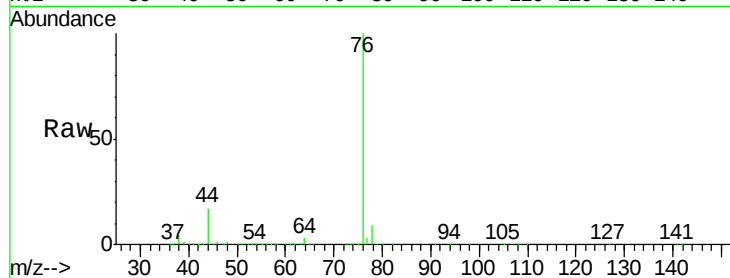
VX0628WBS01

Tot Ion: 76 Resp: 157311

Ion Ratio Lower Upper

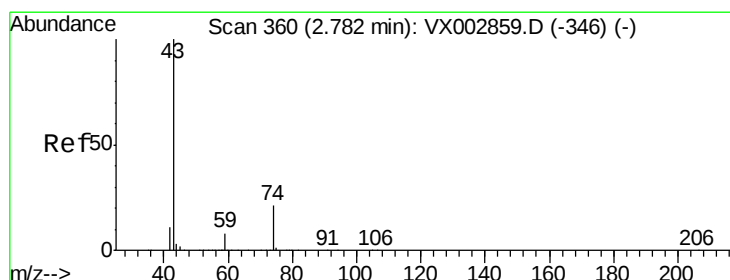
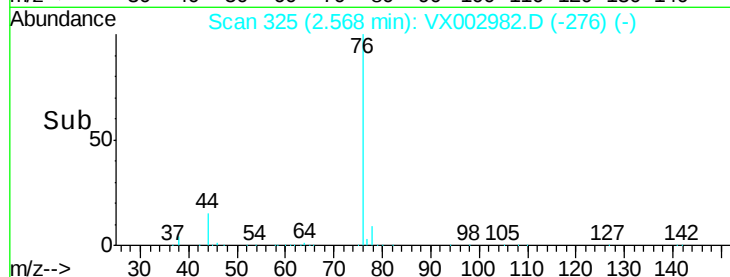
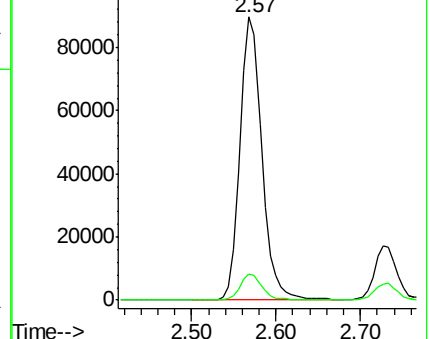
76 100

78 9.2 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: 15.71 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002982.D

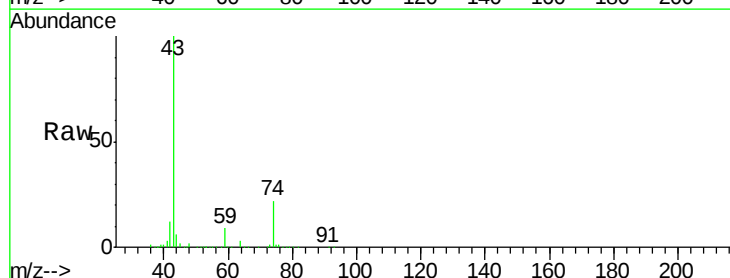
Acq: 28 Jun 2018 13:54

Tgt Ion: 43 Resp: 76283

Ion Ratio Lower Upper

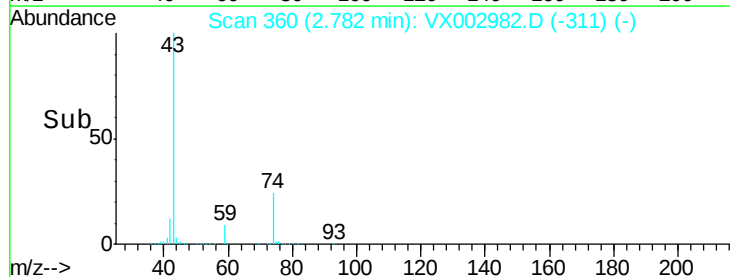
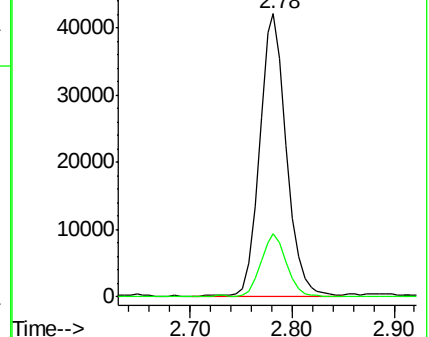
43 100

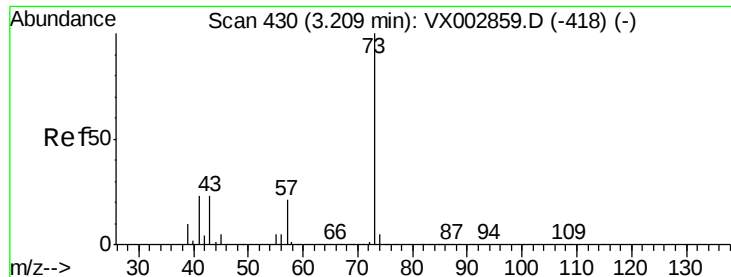
74 22.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

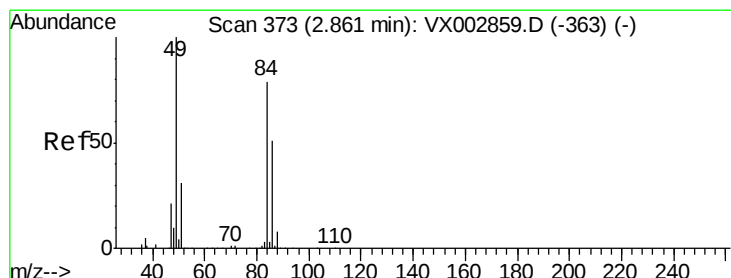
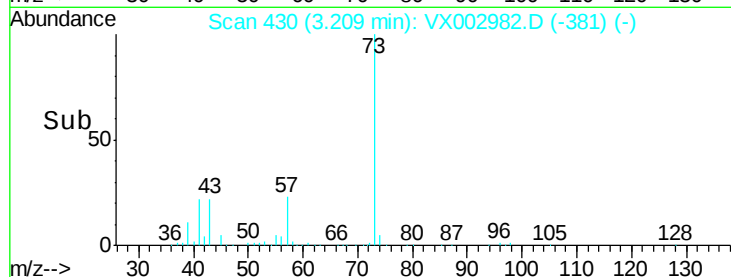
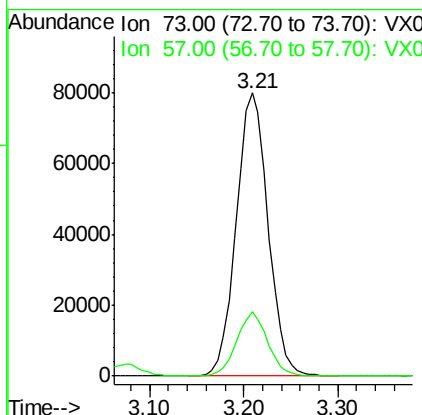
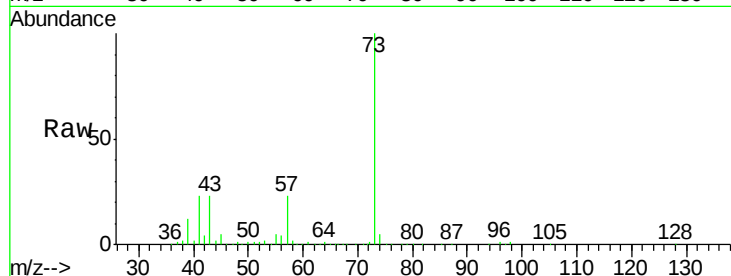




#19
Methyl tert-butyl Ether
Concen: 17.39 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

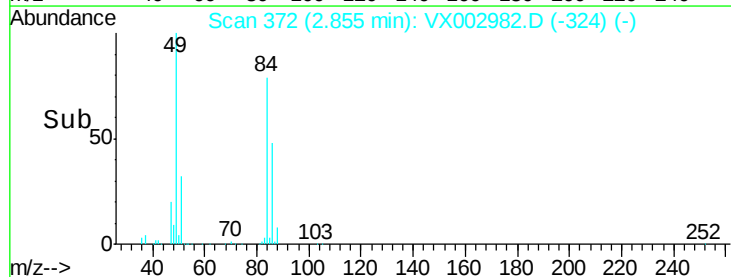
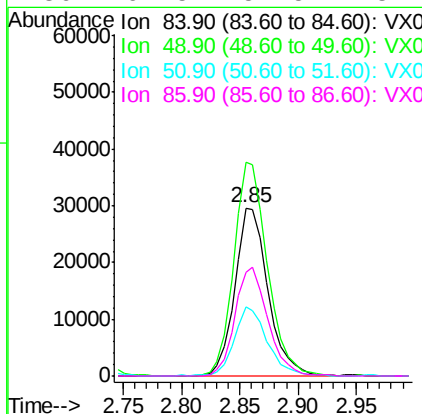
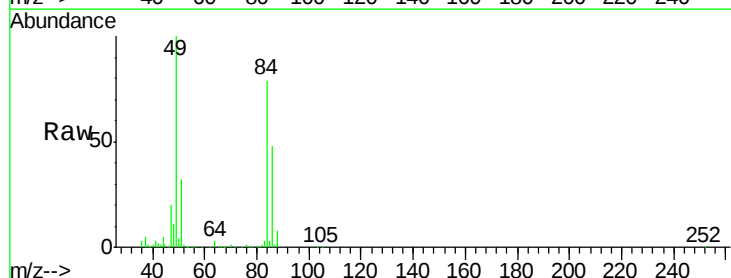
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tot Ion: 73 Resp: 186978
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5



#20
Methylene Chloride
Concen: 17.41 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

Tgt Ion: 84 Resp: 58840
Ion Ratio Lower Upper
84 100
49 126.9 107.8 161.6
51 41.1 32.8 49.2
86 61.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.35 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS01

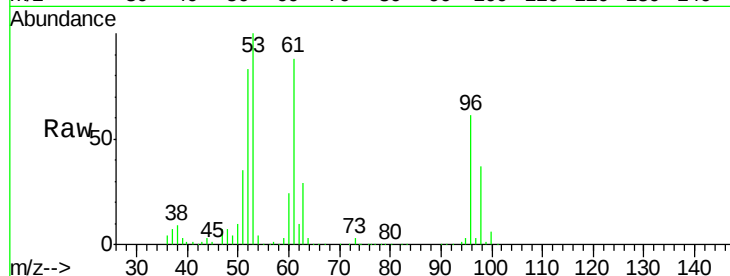
Tot Ion: 96 Resp: 56525

Ion Ratio Lower Upper

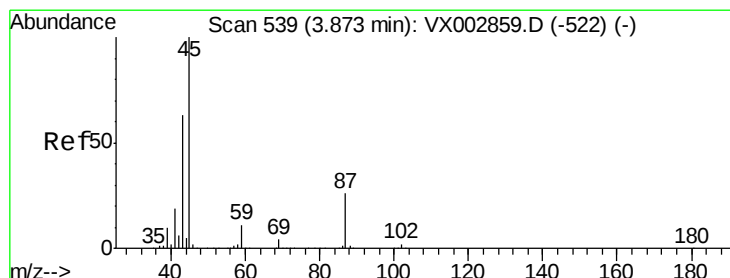
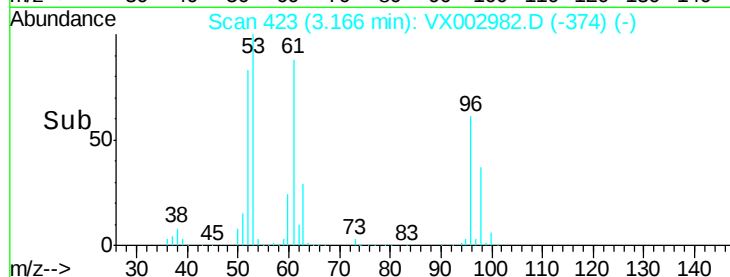
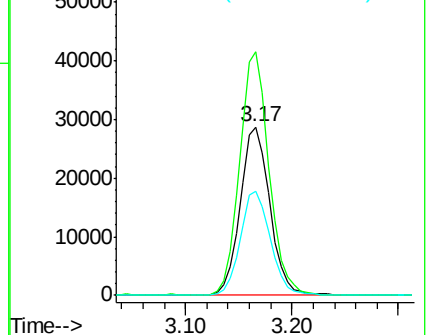
96 100

61 144.4 117.0 175.4

98 61.7 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: 17.99 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Tgt Ion: 45 Resp: 202839

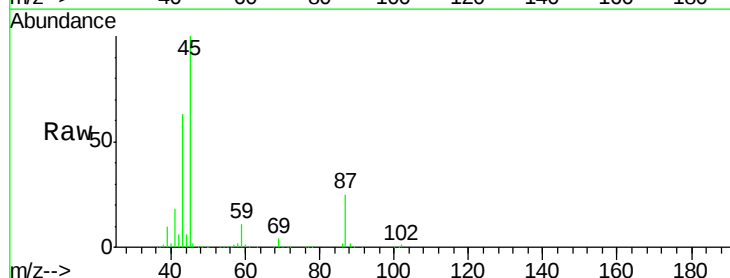
Ion Ratio Lower Upper

45 100

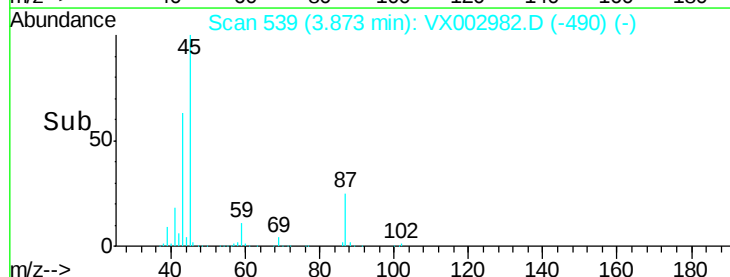
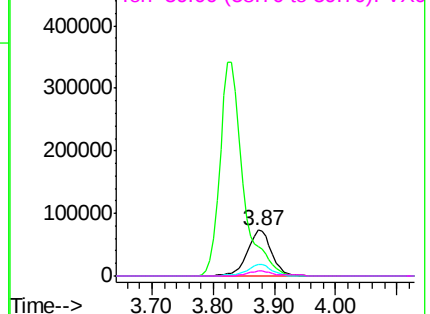
43 63.3 46.8 70.2

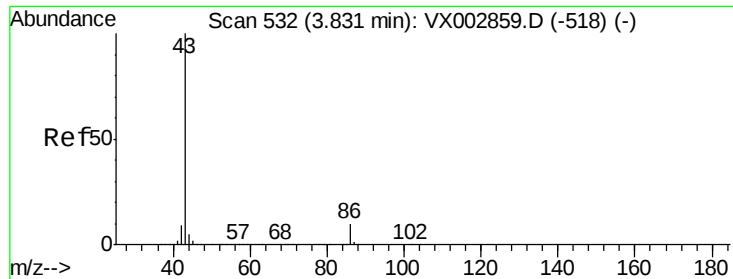
87 25.1 20.2 30.4

59 11.2 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: 94.66 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

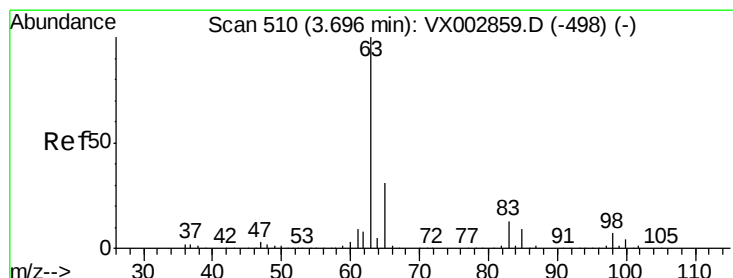
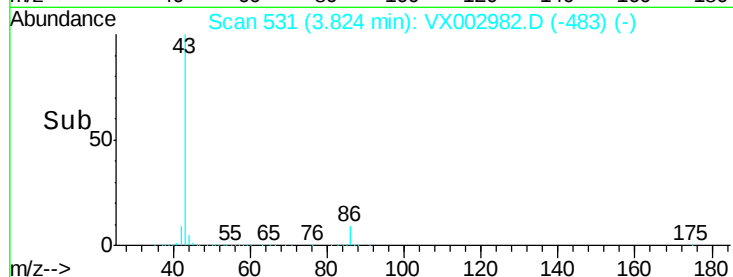
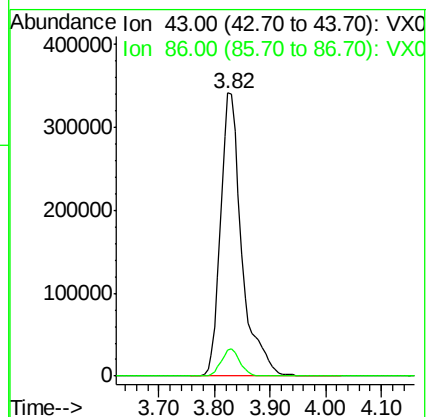
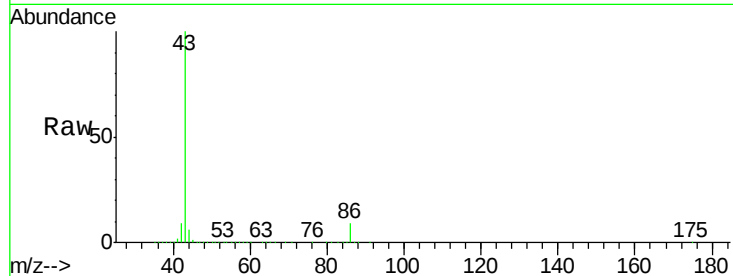
VX0628WBS01

Tot Ion: 43 Resp: 903526

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



#24

1,1-Dichloroethane

Concen: 18.11 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

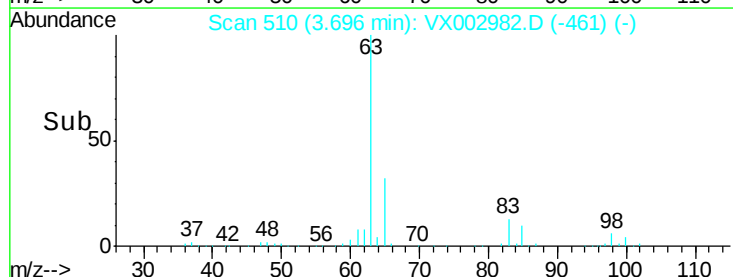
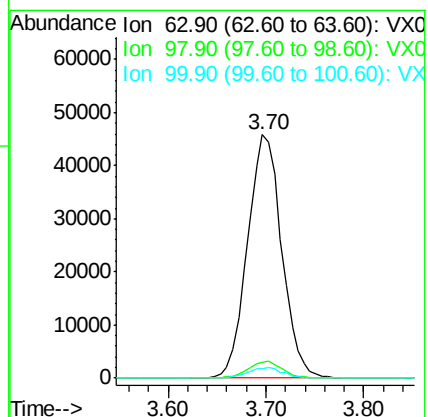
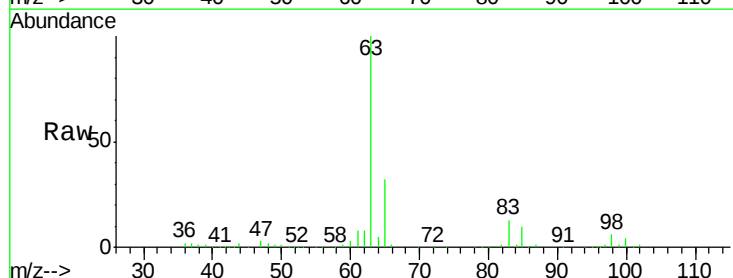
Tgt Ion: 63 Resp: 110987

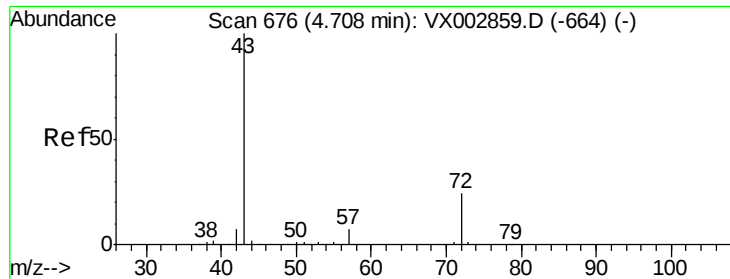
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 96.30 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

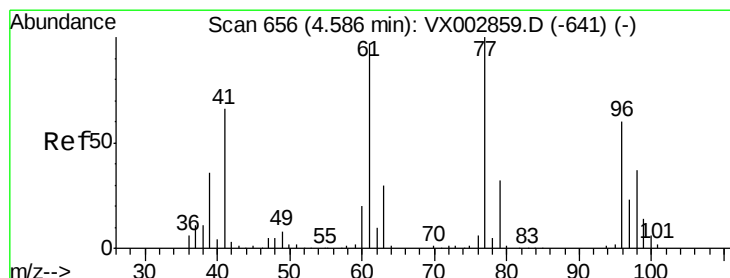
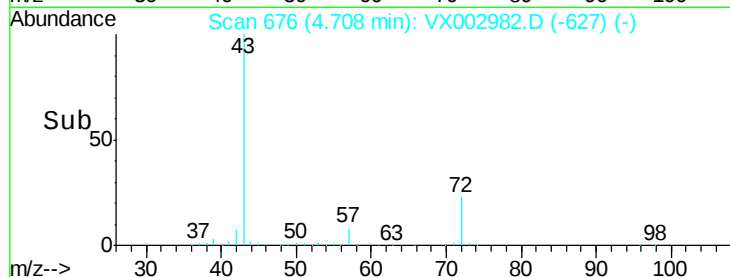
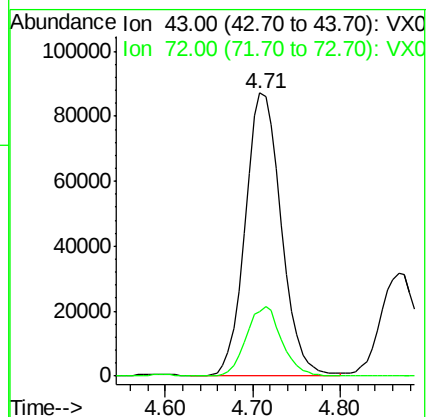
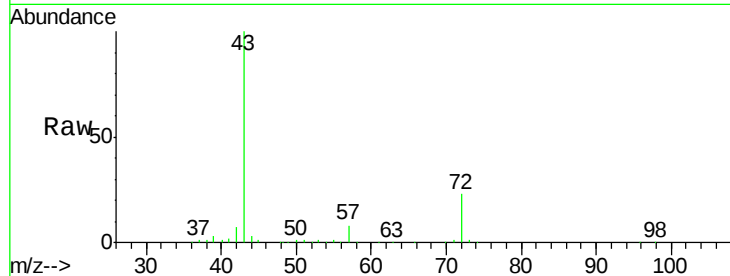
VX0628WBS01

Tot Ion: 43 Resp: 248168

Ion Ratio Lower Upper

43 100

72 22.5 18.5 27.7



#26

2,2-Dichloropropane

Concen: 18.13 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002982.D

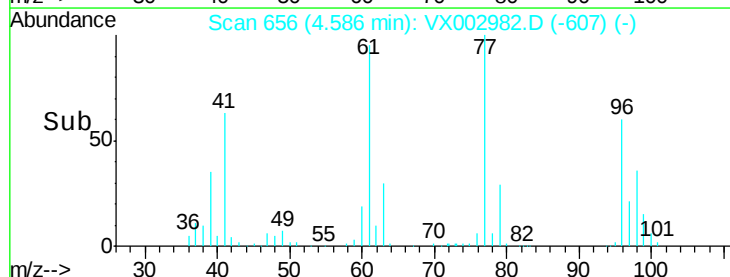
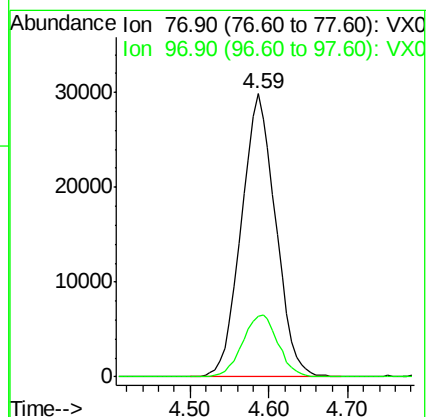
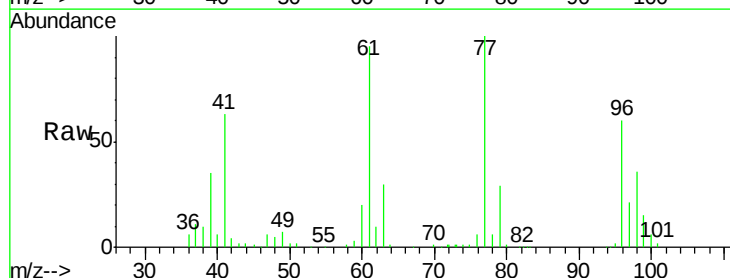
Acq: 28 Jun 2018 13:54

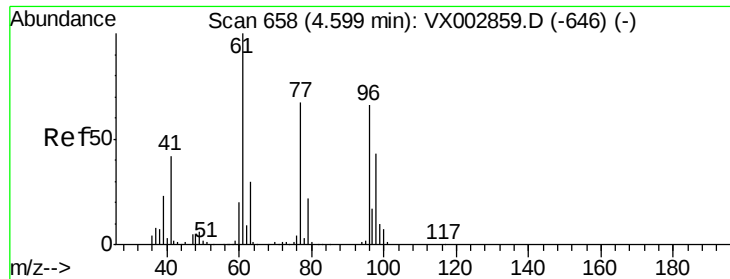
Tgt Ion: 77 Resp: 90302

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.5



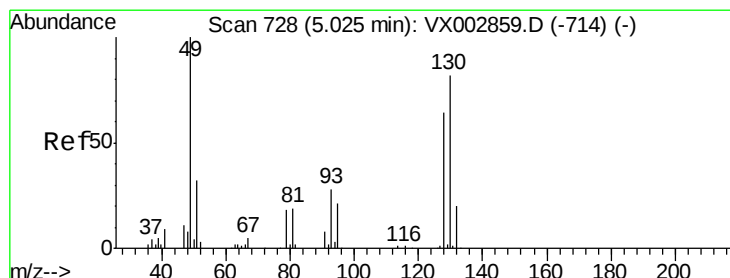
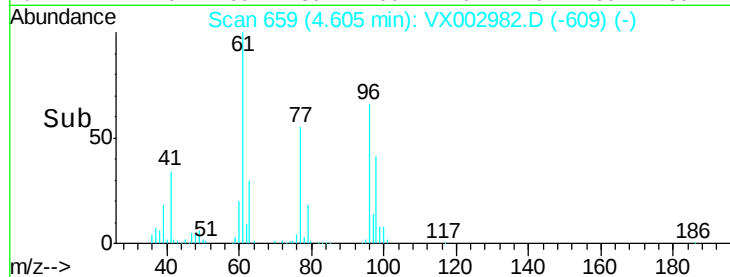
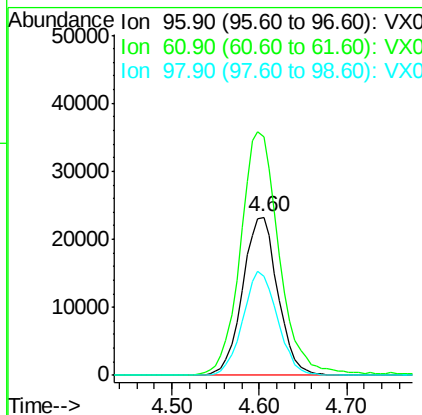
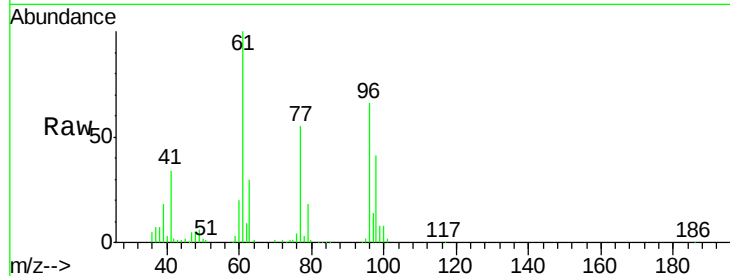


#27

cis-1,2-Dichloroethene
 Concen: 17.80 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

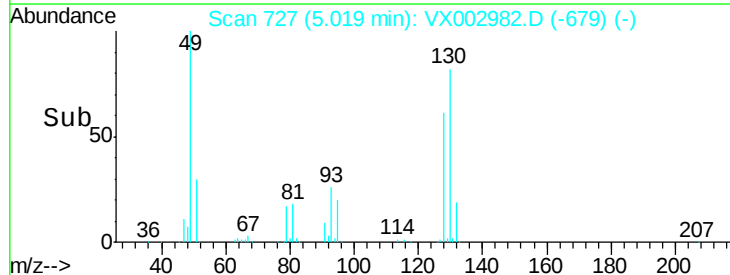
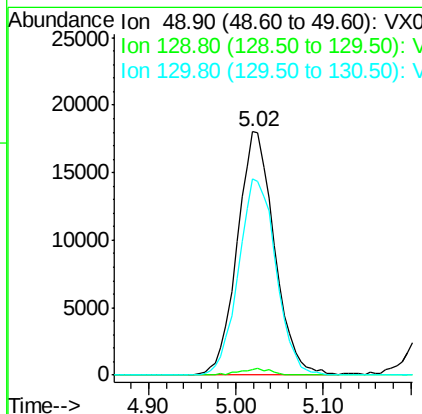
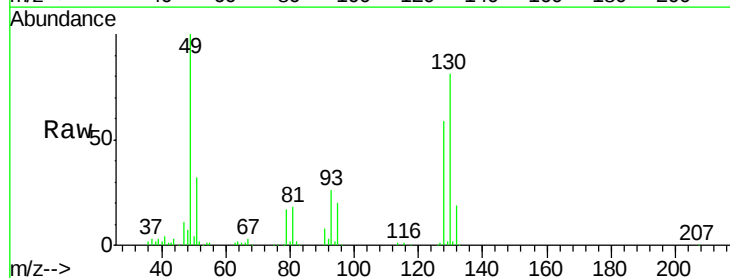
Tot Ion: 96 Resp: 65021
 Ion Ratio Lower Upper
 96 100
 61 169.3 0.0 330.2
 98 64.7 0.0 130.2

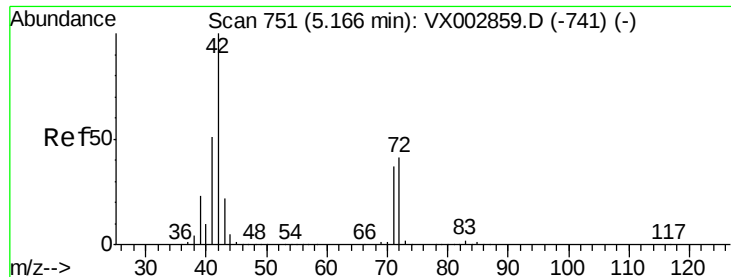


#28

Bromochloromethane
 Concen: 18.12 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Tgt Ion: 49 Resp: 53137
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 81.3 61.2 91.8





#29

Tetrahydrofuran

Concen: 92.62 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

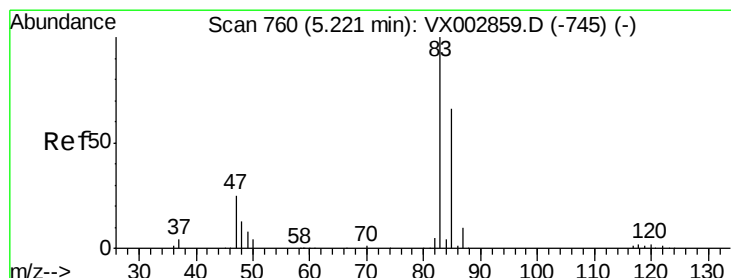
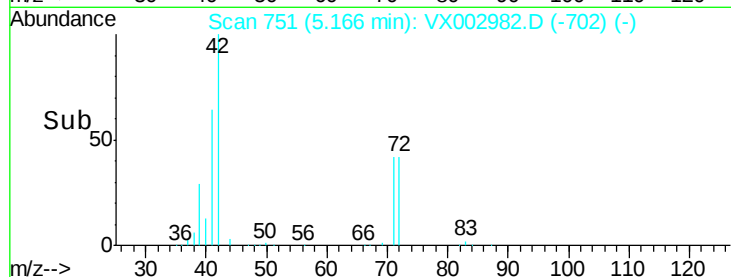
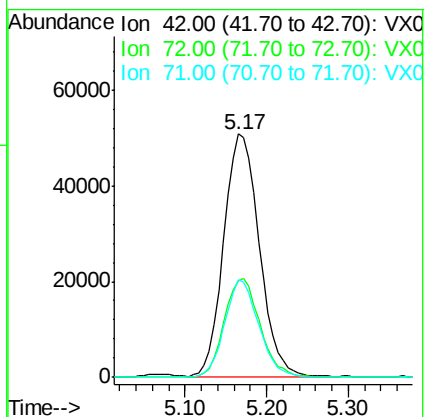
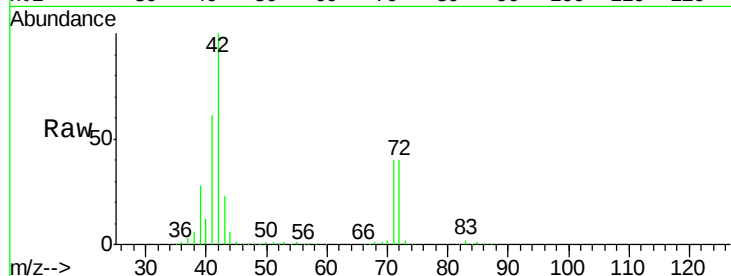
Tot Ion: 42 Resp: 153058

Ion Ratio Lower Upper

42 100

72 41.4 32.0 48.0

71 38.7 30.1 45.1



#30

Chloroform

Concen: 18.11 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002982.D

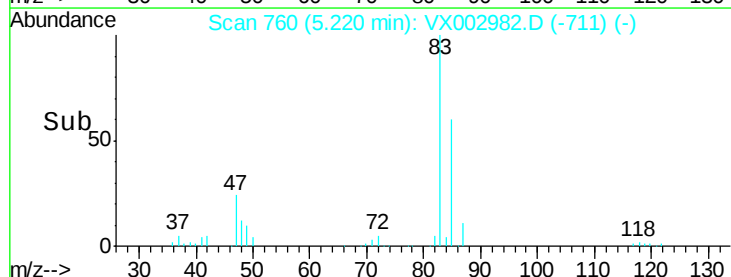
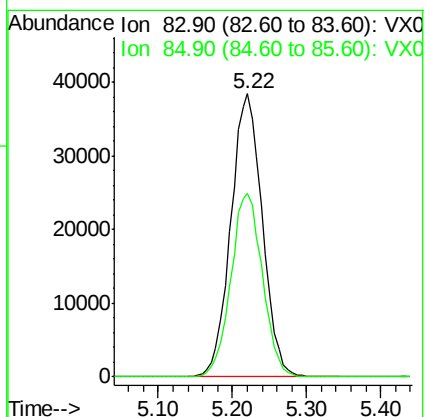
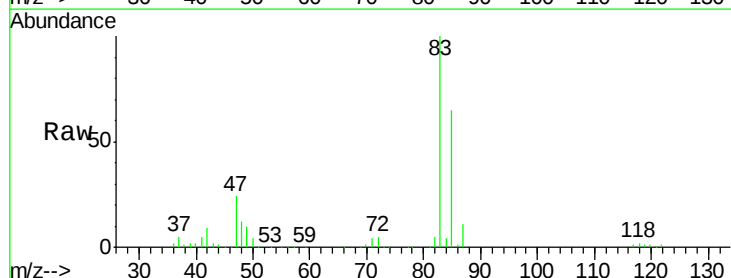
Acq: 28 Jun 2018 13:54

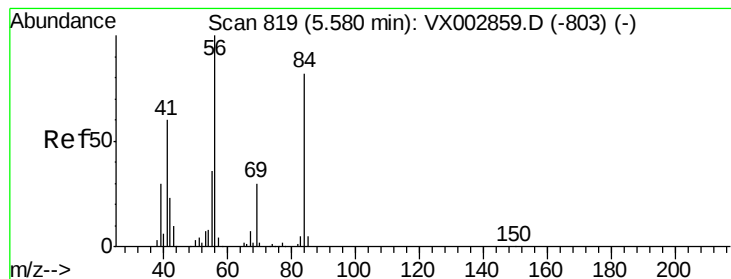
Tgt Ion: 83 Resp: 113901

Ion Ratio Lower Upper

83 100

85 65.0 50.4 75.6





#31

Cyclohexane

Concen: 18.35 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS01

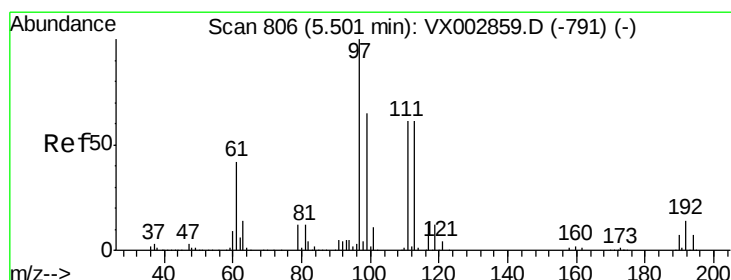
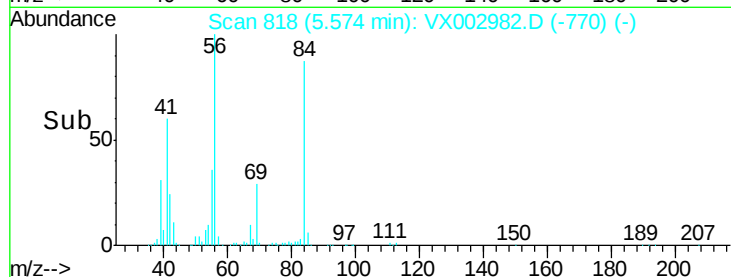
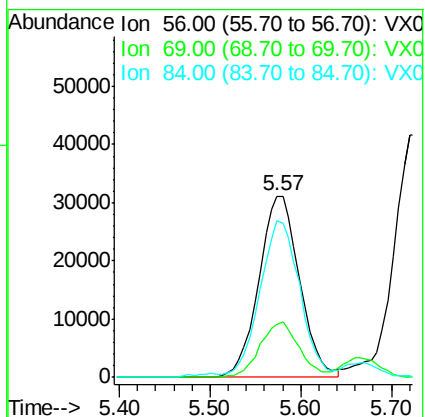
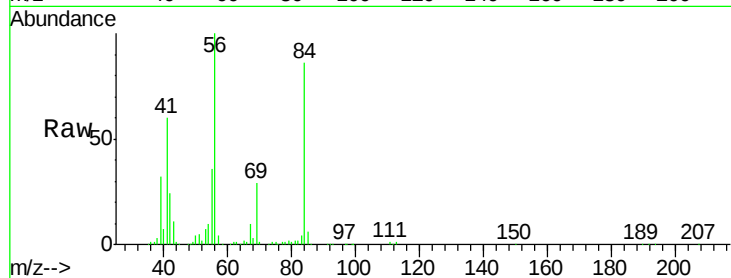
Tot Ion: 56 Resp: 96509

Ion Ratio Lower Upper

56 100

69 29.1 23.7 35.5

84 85.2 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 18.16 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

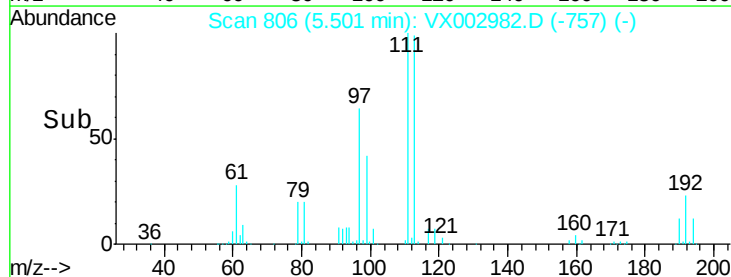
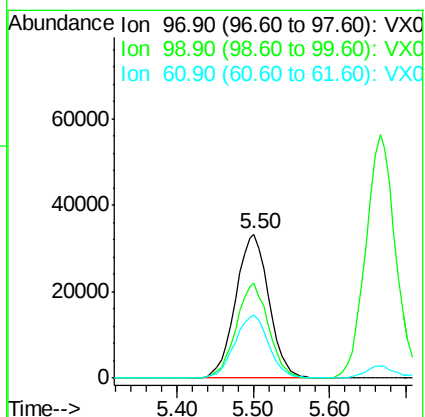
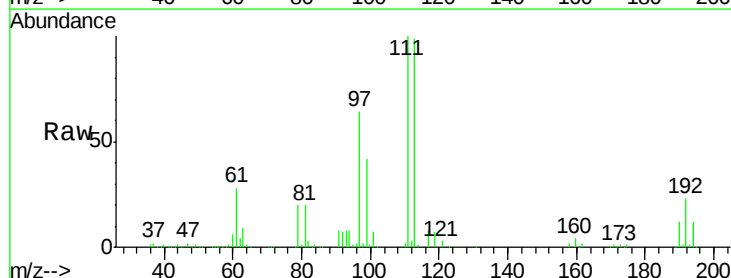
Tgt Ion: 97 Resp: 100492

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 44.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.96 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

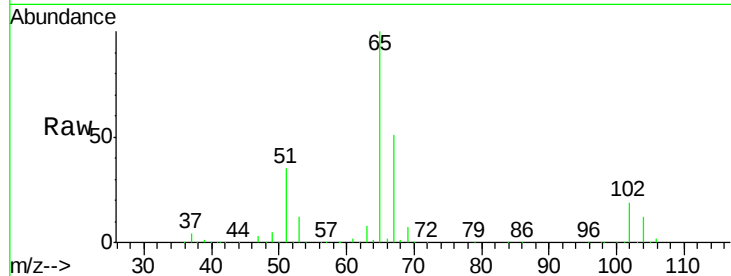
VX0628WBS01

Tot Ion: 65 Resp: 188525

Ion Ratio Lower Upper

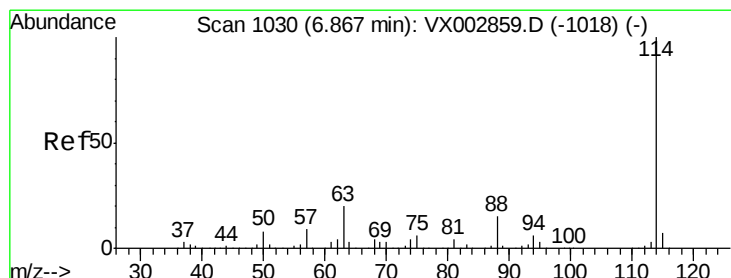
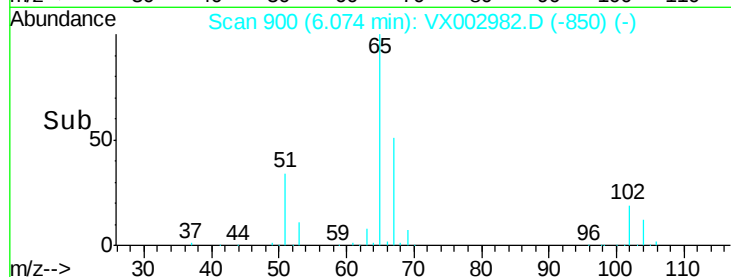
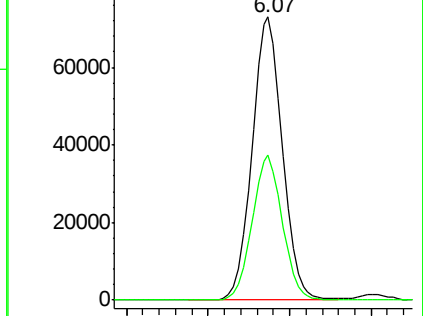
65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

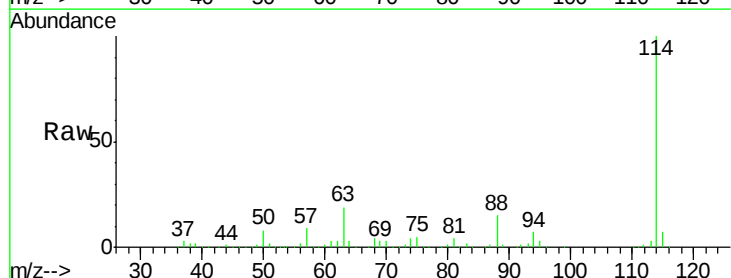
Tgt Ion: 114 Resp: 418392

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

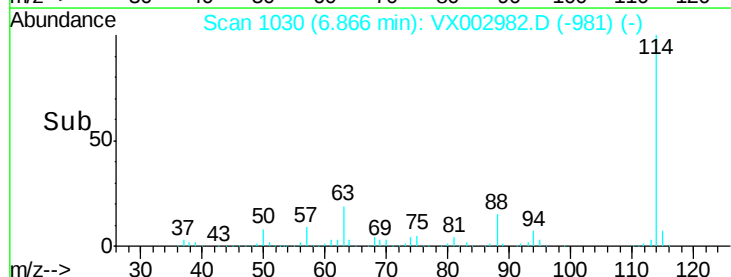
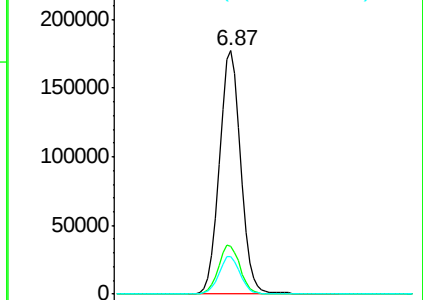
88 15.2 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

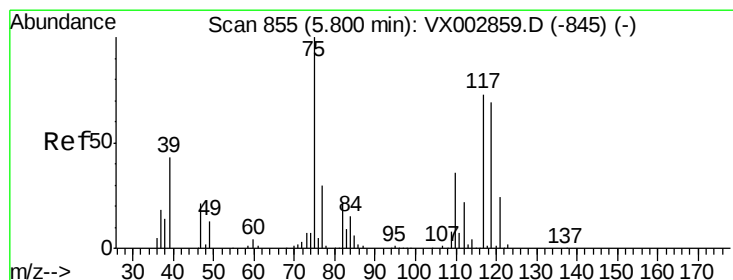
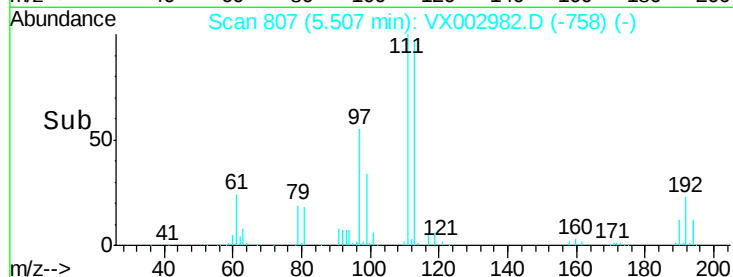
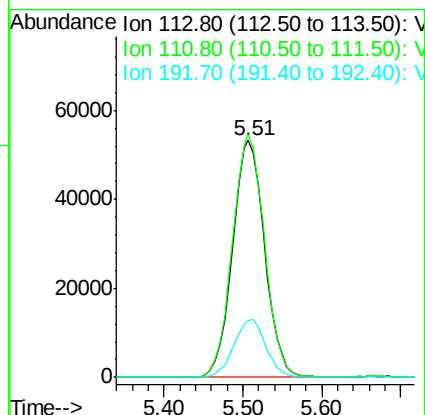
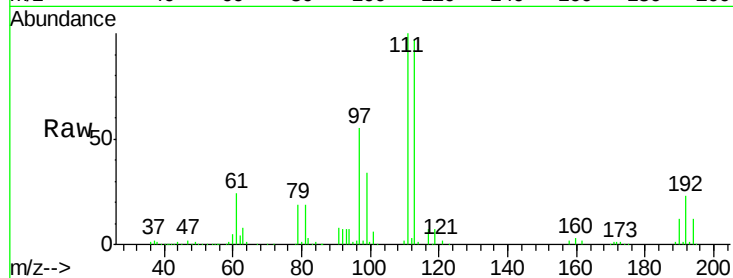




#35
 Dibromofluoromethane
 Concen: 45.37 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

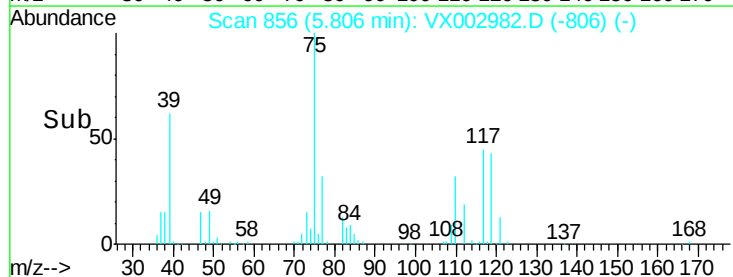
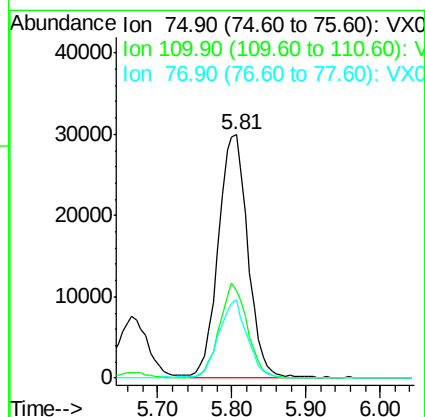
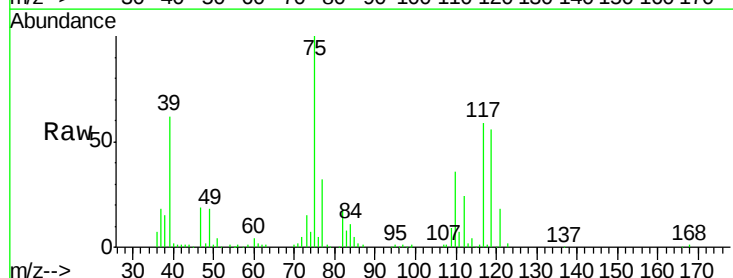
Instrument :
 MSVOA_X
 ClientSampled :
 VX0628WBS01

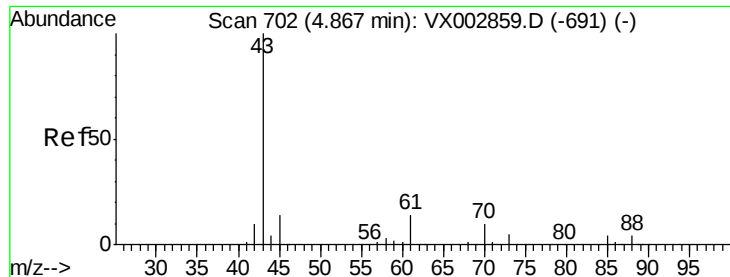
Tot Ion:113 Resp: 150319
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.4 122.0
 192 24.4 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 17.85 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Tgt Ion: 75 Resp: 81919
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.1 54.4
 77 30.7 24.3 36.5

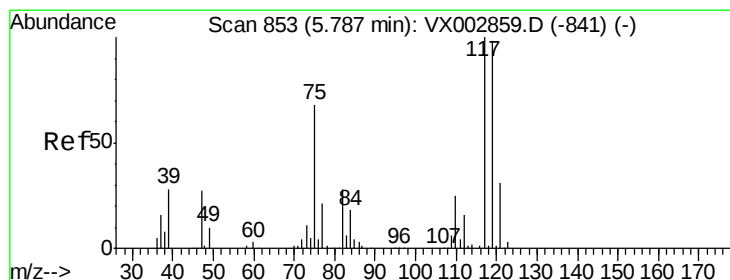
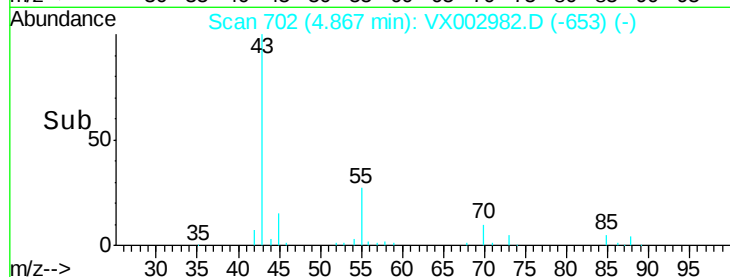
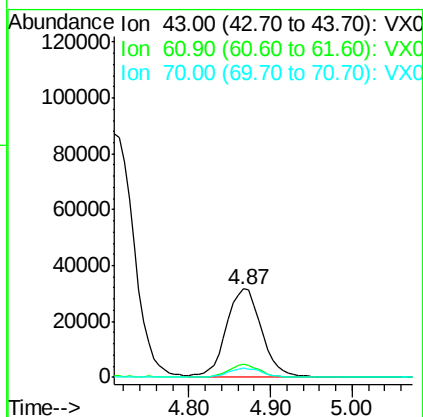
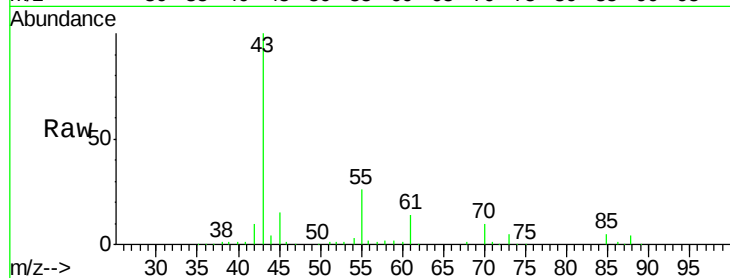




#37
Ethyl Acetate
Concen: 18.92 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

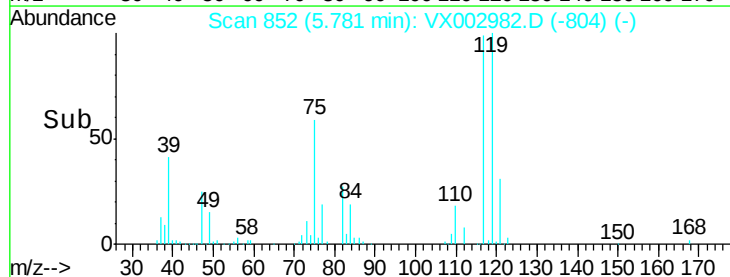
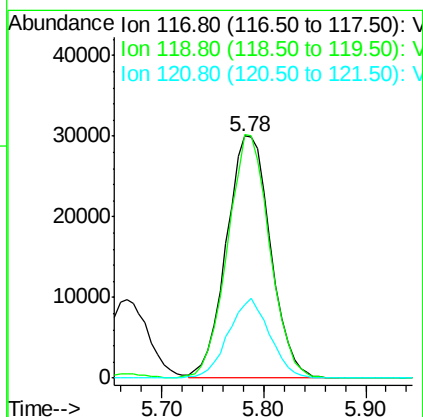
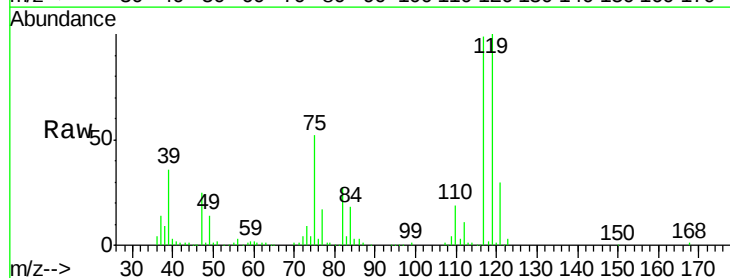
Instrument :
MSVOA_X
ClientSampled :
VX0628WBS01

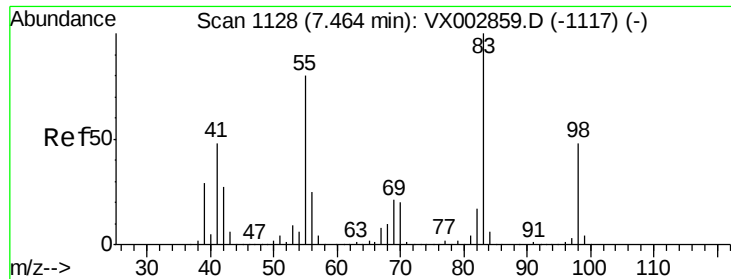
Tot Ion: 43 Resp: 93471
Ion Ratio Lower Upper
43 100
61 13.6 10.4 15.6
70 9.9 7.6 11.4



#38
Carbon Tetrachloride
Concen: 17.77 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

Tgt Ion: 117 Resp: 89477
Ion Ratio Lower Upper
117 100
119 100.7 77.4 116.0
121 30.6 24.4 36.6

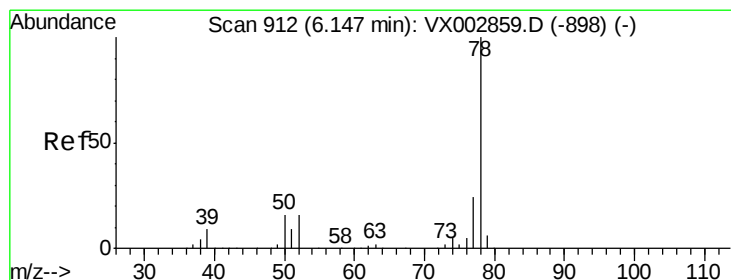
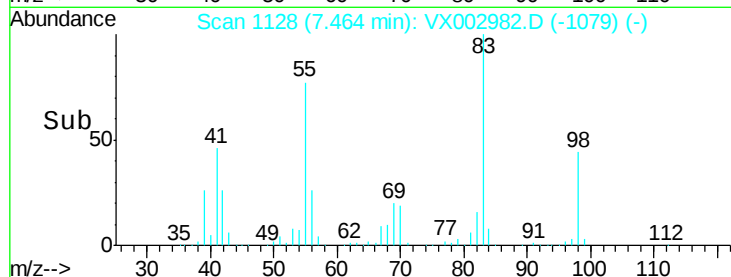
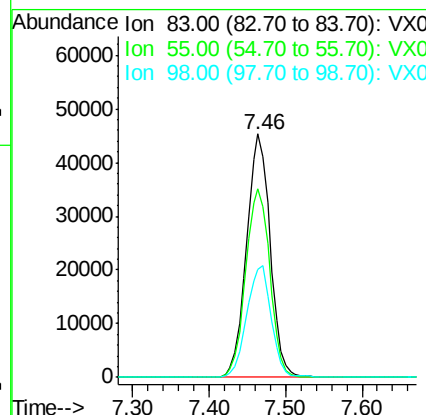
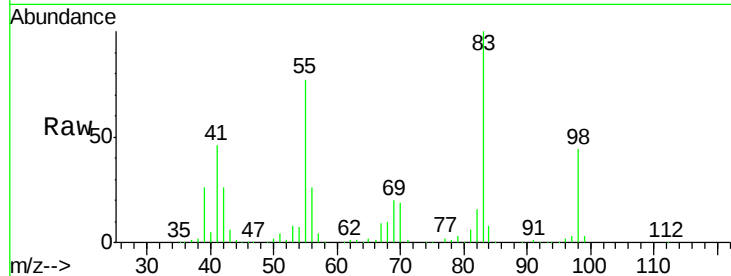




#39
Methvlcvclohexane
Concen: 18.18 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

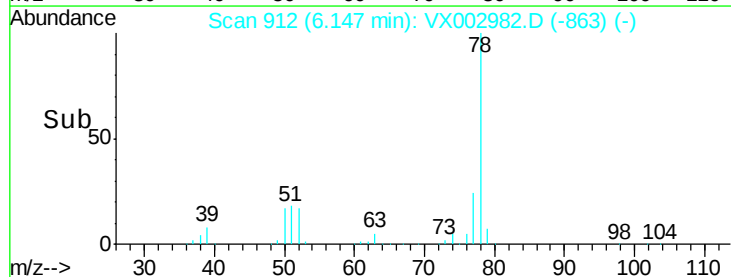
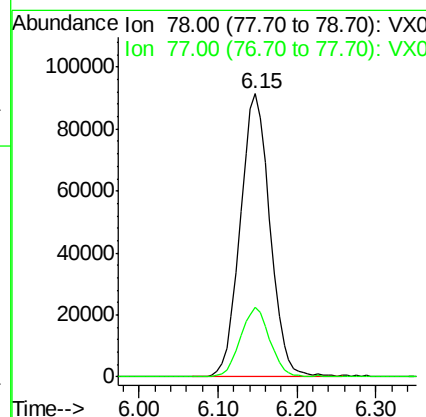
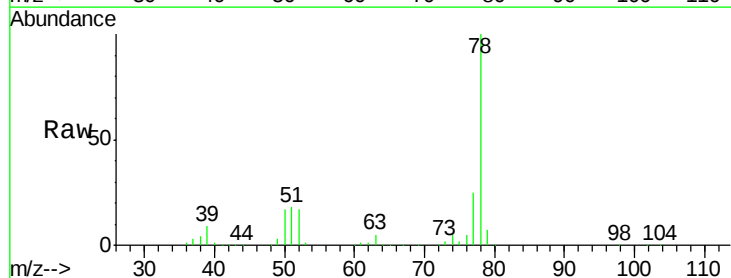
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

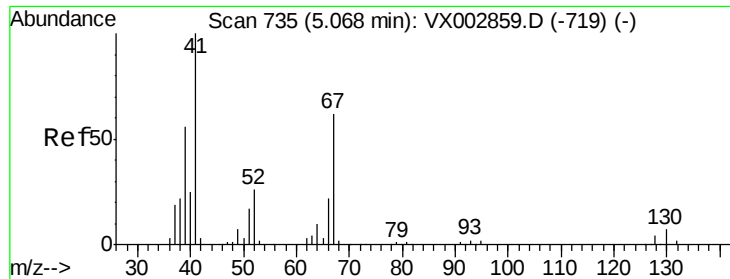
Tot Ion: 83 Resp: 97137
Ion Ratio Lower Upper
83 100
55 77.4 65.4 98.0
98 44.4 37.4 56.0



#40
Benzene
Concen: 18.00 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

Tgt Ion: 78 Resp: 240016
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

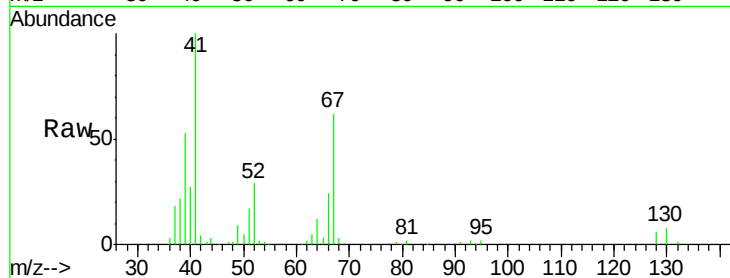




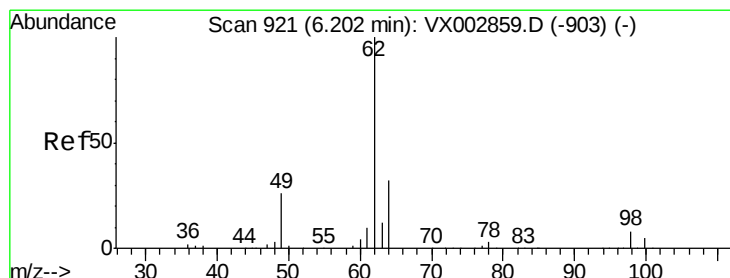
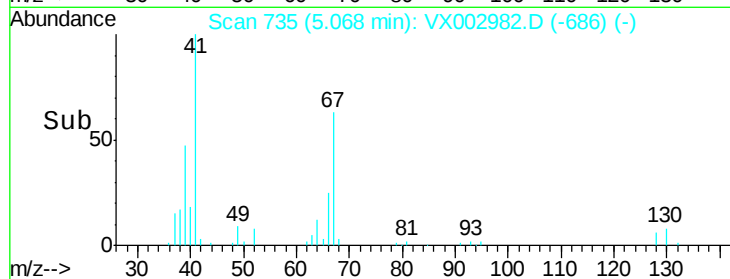
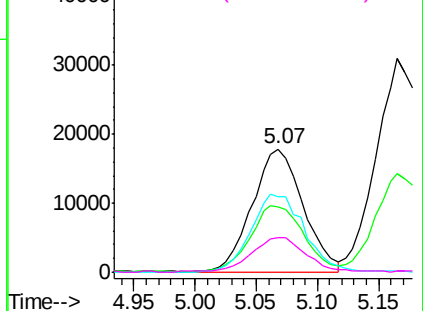
#41
Methacrylonitrile
Concen: 18.12 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tot Ion:	41	Resp:	51544
Ion	Ratio	Lower	Upper
41	100		
39	57.8	45.8	68.6
67	67.5	51.3	76.9
52	29.5	23.0	34.6

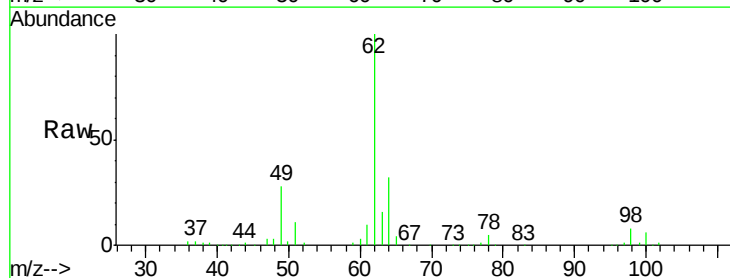


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

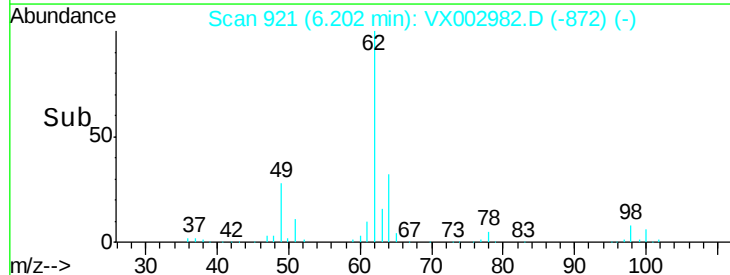
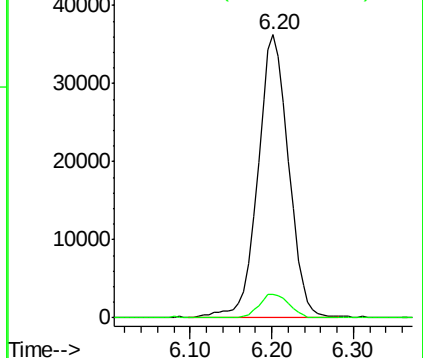


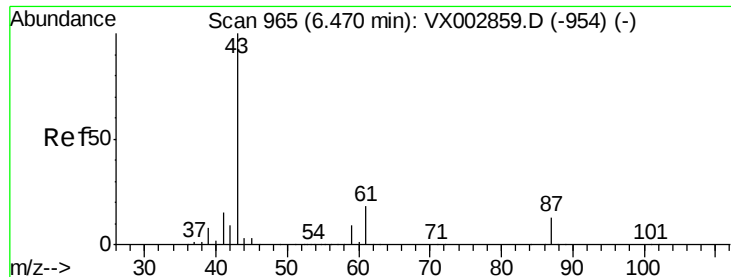
#42
1,2-Dichloroethane
Concen: 17.55 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

Tgt Ion:	62	Resp:	94529
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6



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



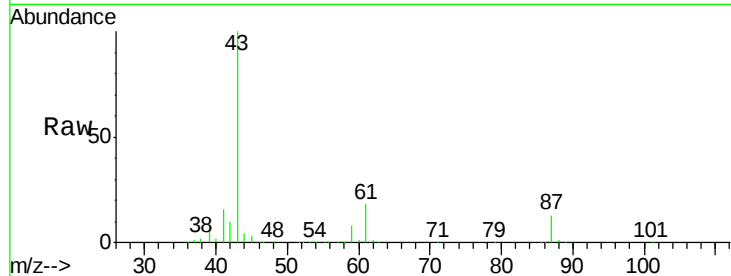


#43

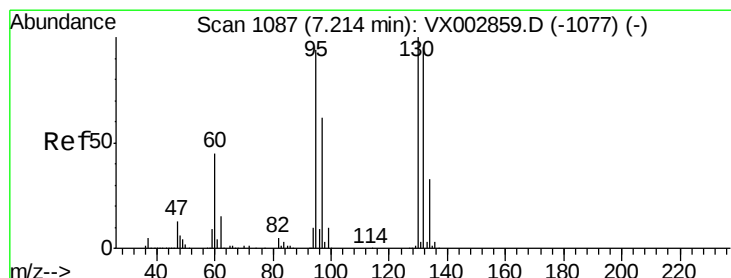
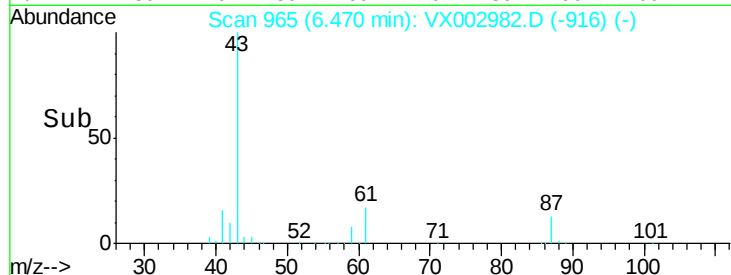
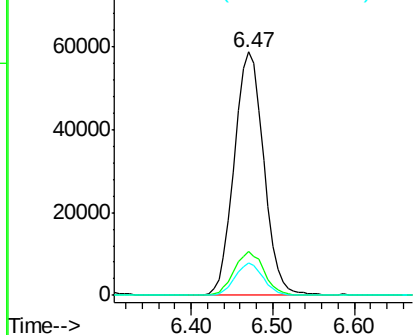
Isopropyl Acetate
 Concen: 17.68 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

Tot Ion: 43 Resp: 146488
 Ion Ratio Lower Upper
 43 100
 61 18.4 14.4 21.6
 87 12.8 9.5 14.3



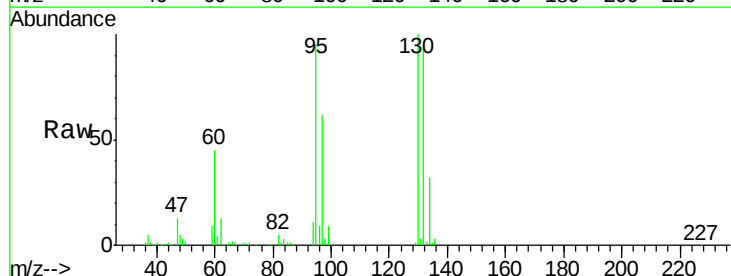
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



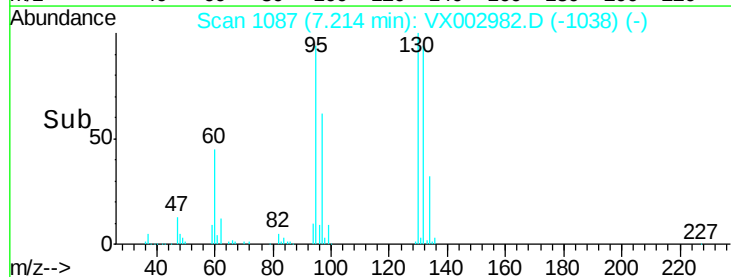
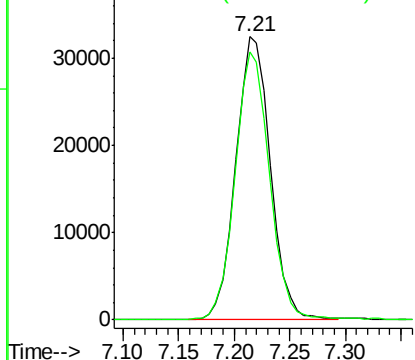
#44

Trichloroethene
 Concen: 17.64 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Tgt Ion:130 Resp: 70129
 Ion Ratio Lower Upper
 130 100
 95 94.7 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: 17.86 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

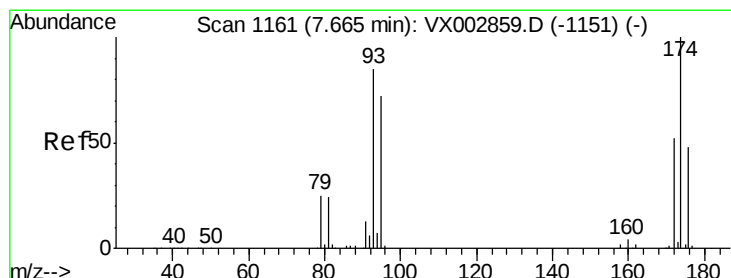
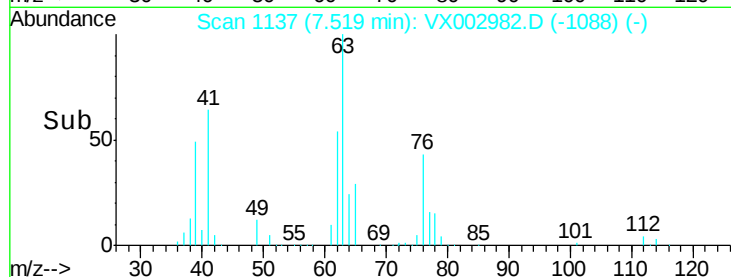
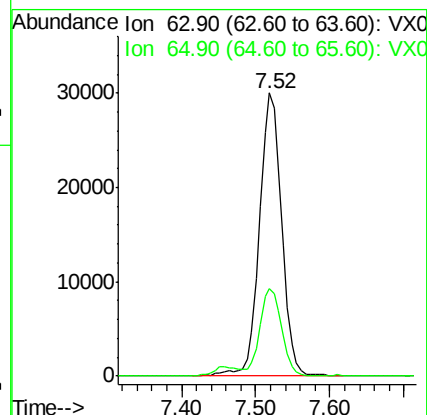
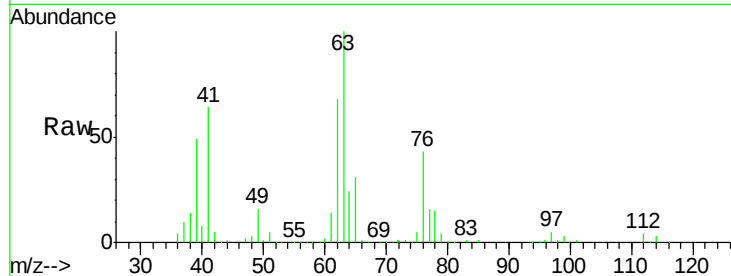
VX0628WBS01

Tot Ion: 63 Resp: 63144

Ion Ratio Lower Upper

63 100

65 30.8 24.7 37.1



#46

Dibromomethane

Concen: 17.82 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

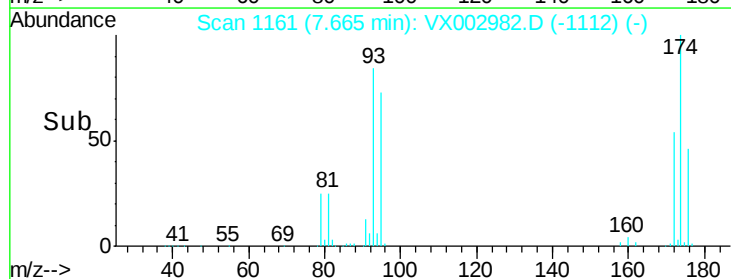
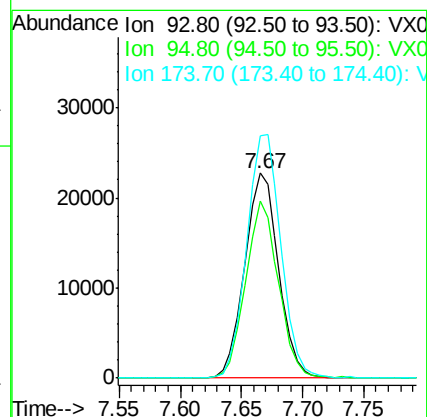
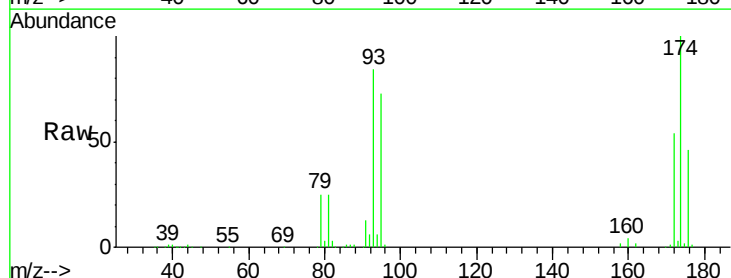
Tgt Ion: 93 Resp: 43743

Ion Ratio Lower Upper

93 100

95 83.8 65.9 98.9

174 120.8 92.4 138.6





#47

Bromodichloromethane

Concen: 17.95 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

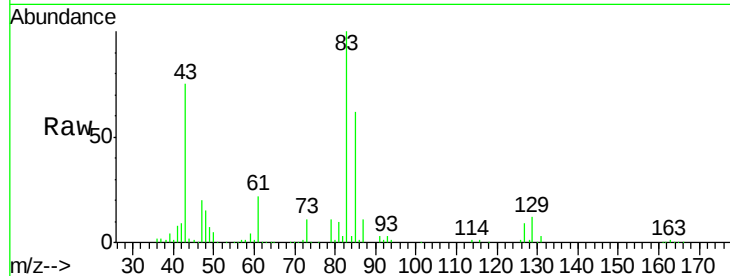
Tot Ion: 83 Resp: 81429

Ion Ratio Lower Upper

83 100

85 62.2 50.3 75.5

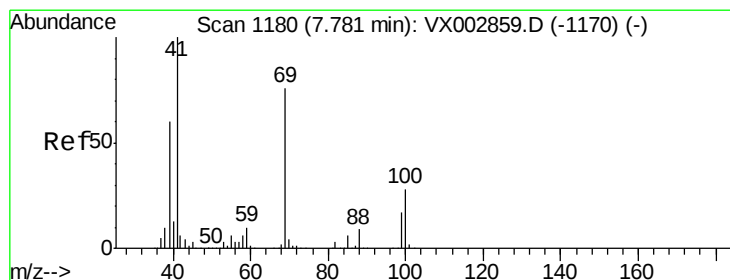
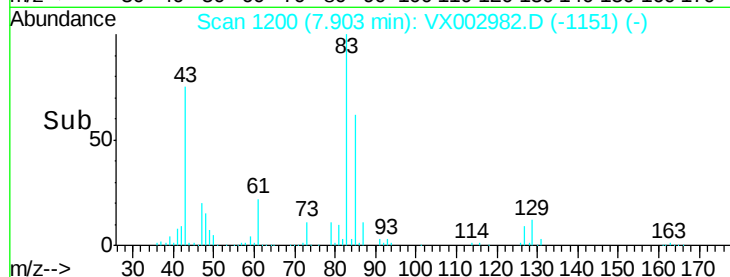
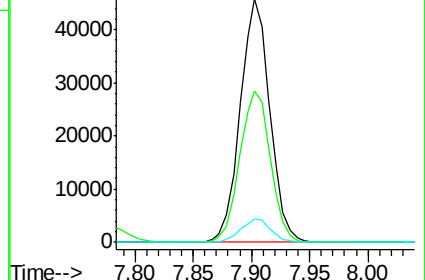
127 9.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.66 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

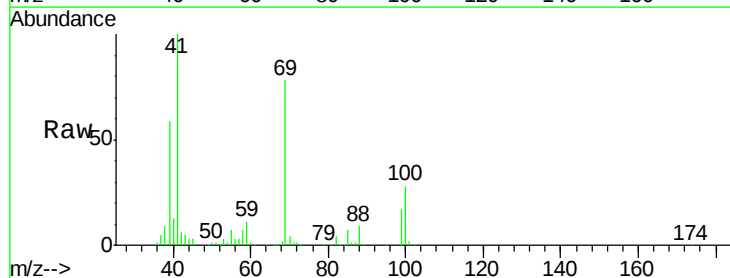
Tgt Ion: 41 Resp: 75405

Ion Ratio Lower Upper

41 100

69 77.5 59.1 88.7

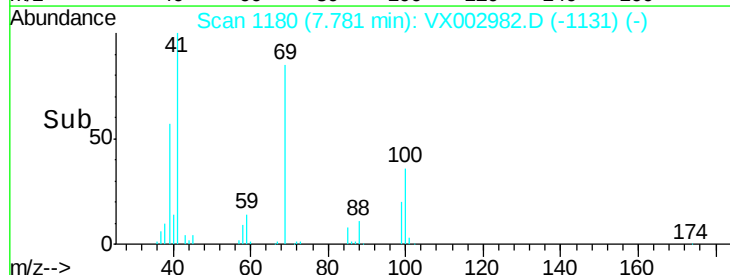
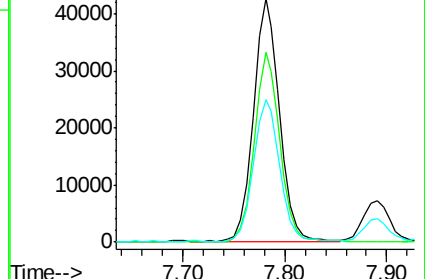
39 59.2 48.9 73.3

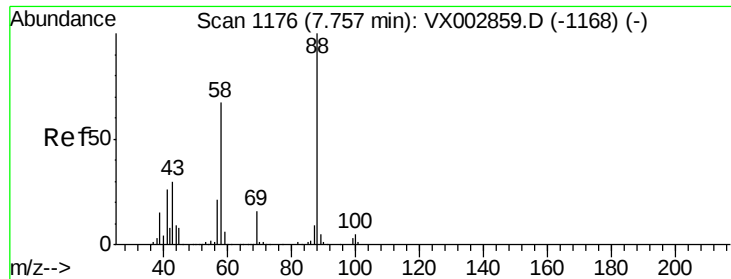


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

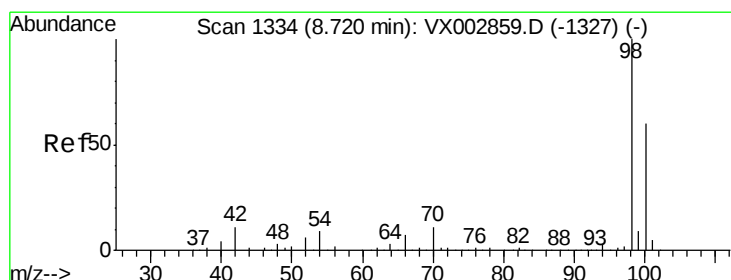
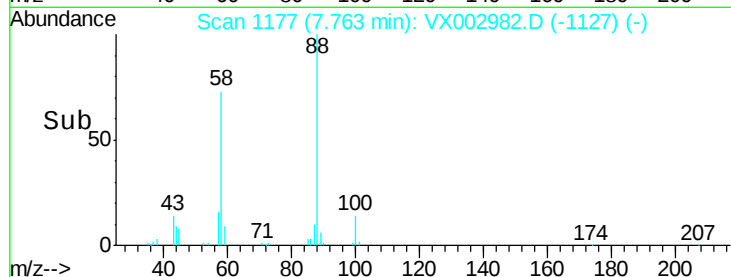
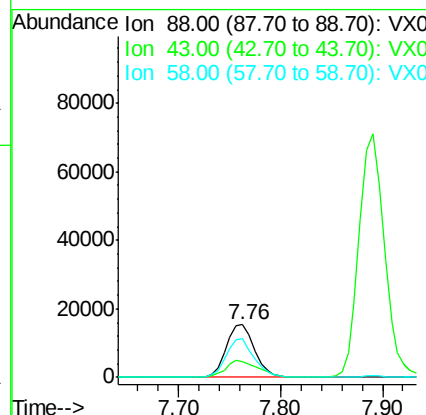
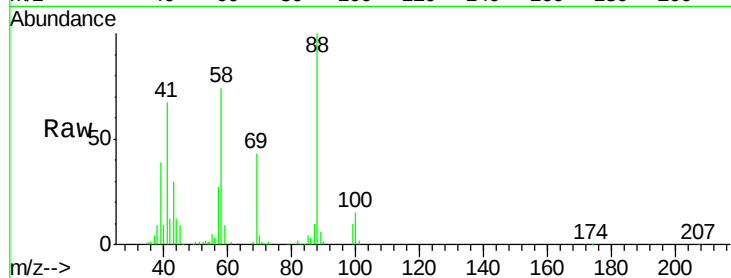




#49
1,4-Dioxane
Concen: 358.69 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

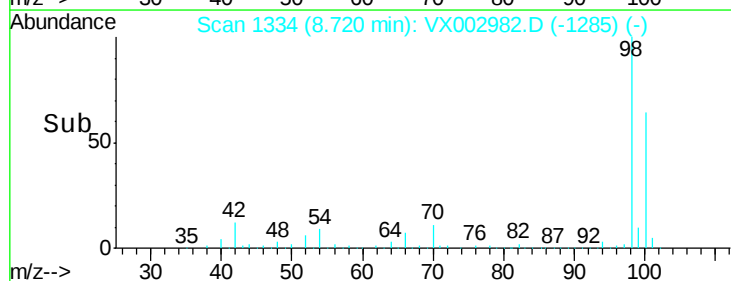
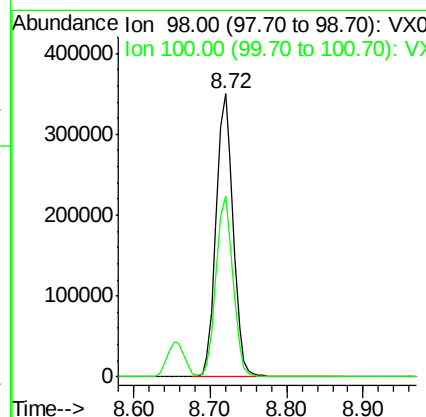
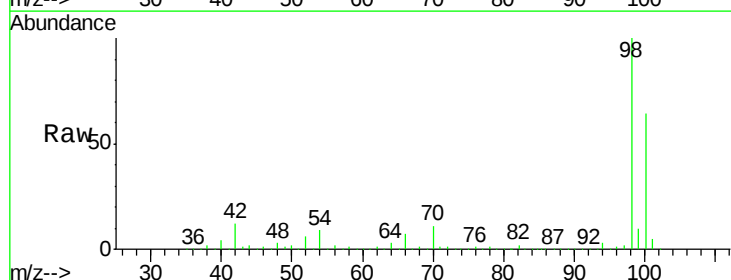
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

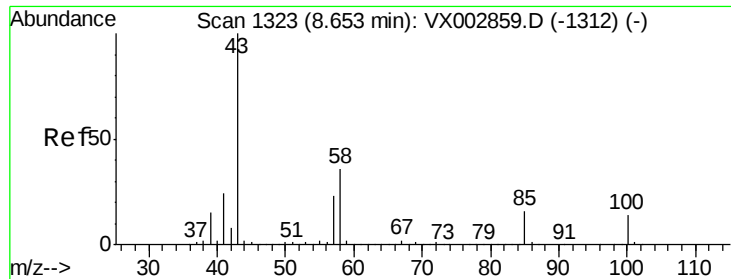
Tot Ion: 88 Resp: 29792
Ion Ratio Lower Upper
88 100
43 35.4 29.8 44.6
58 71.4 57.1 85.7



#50
Toluene-d8
Concen: 44.63 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

Tgt Ion: 98 Resp: 540018
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

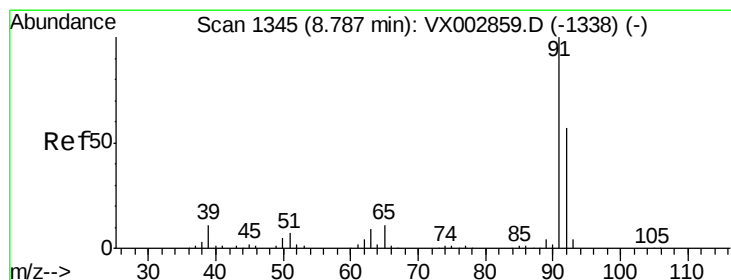
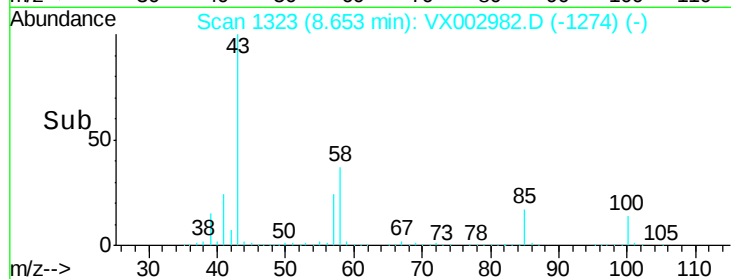
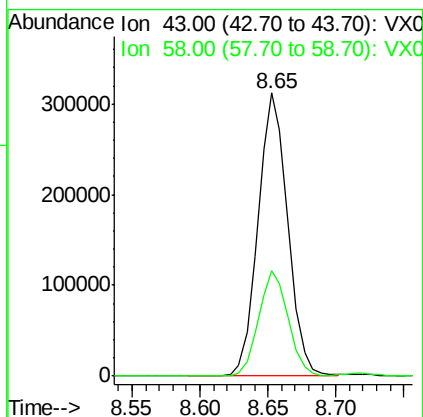
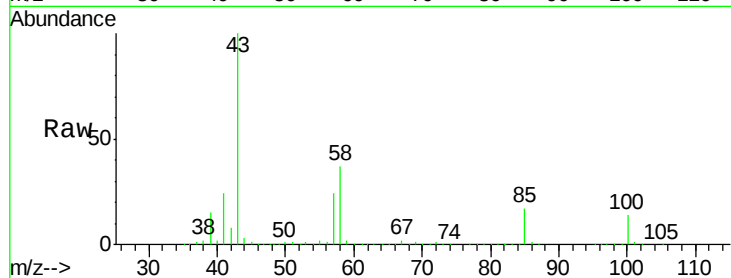




#51
4-Methyl-2-Pentanone
Concen: 92.34 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

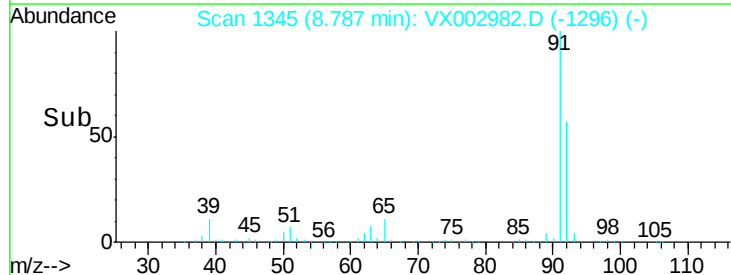
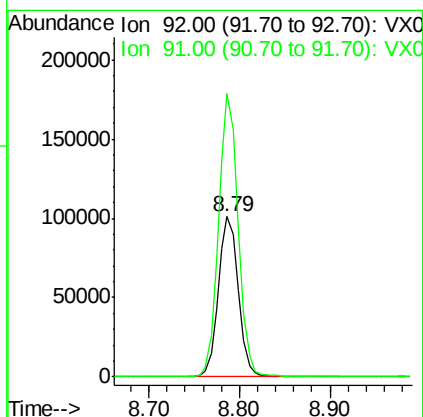
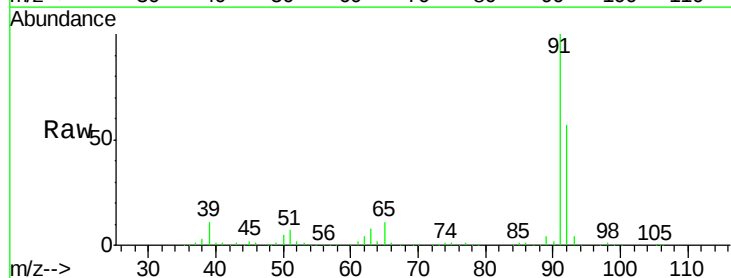
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

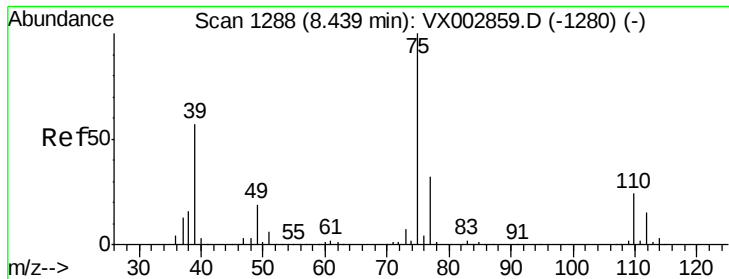
Tot Ion: 43 Resp: 478669
Ion Ratio Lower Upper
43 100
58 36.8 28.6 42.8



#52
Toluene
Concen: 18.25 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

Tgt Ion: 92 Resp: 155883
Ion Ratio Lower Upper
92 100
91 173.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 17.99 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

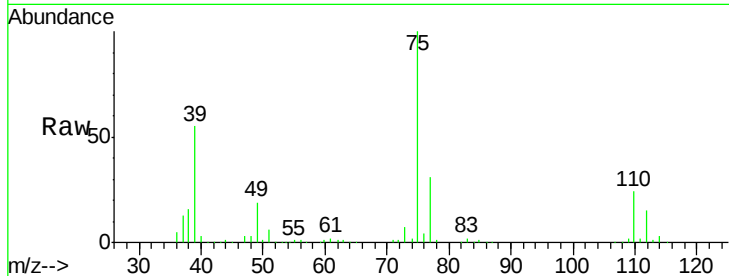
VX0628WBS01

Tot Ion: 75 Resp: 92436

Ion Ratio Lower Upper

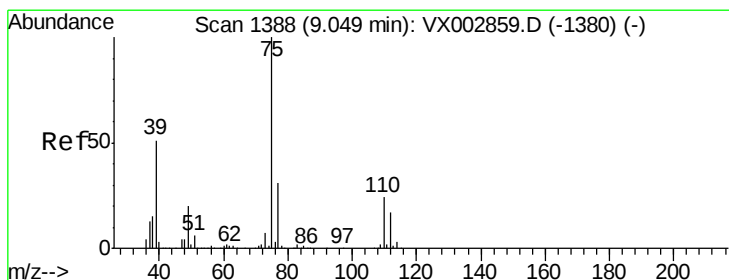
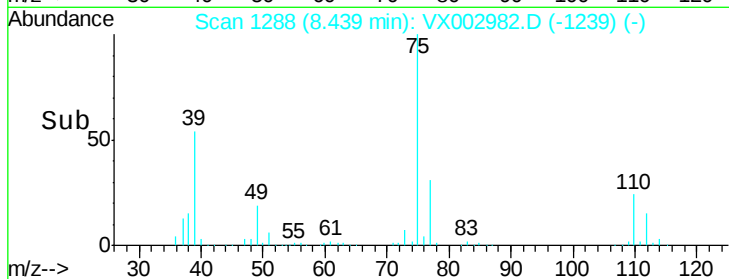
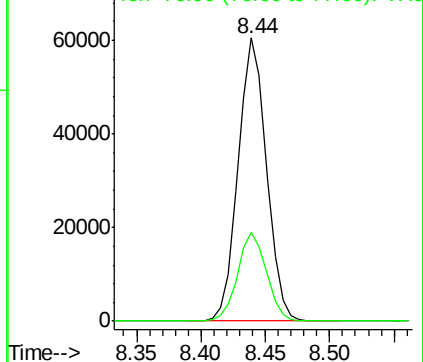
75 100

77 31.4 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: 17.39 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

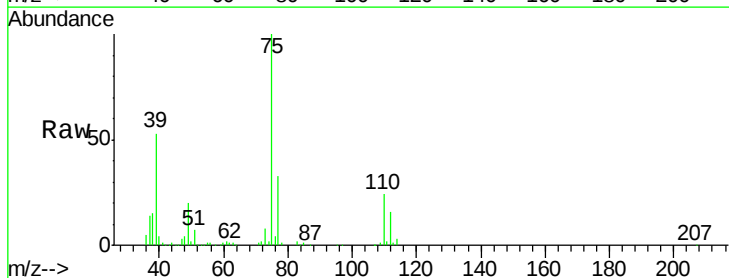
Tgt Ion: 75 Resp: 85993

Ion Ratio Lower Upper

75 100

77 32.6 24.8 37.2

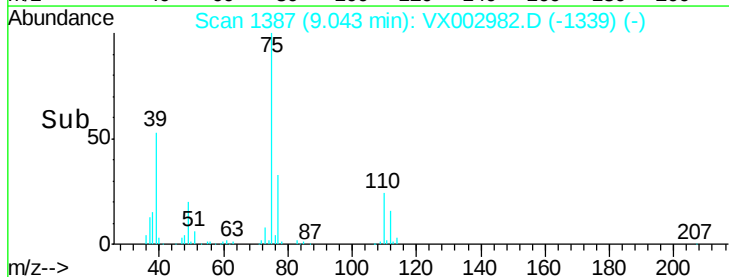
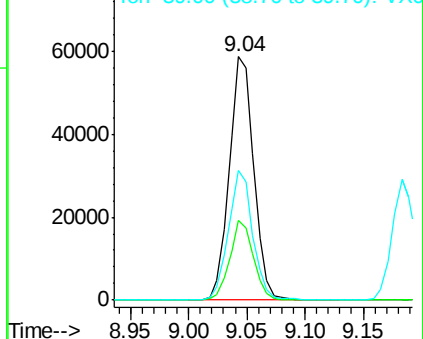
39 53.1 42.4 63.6

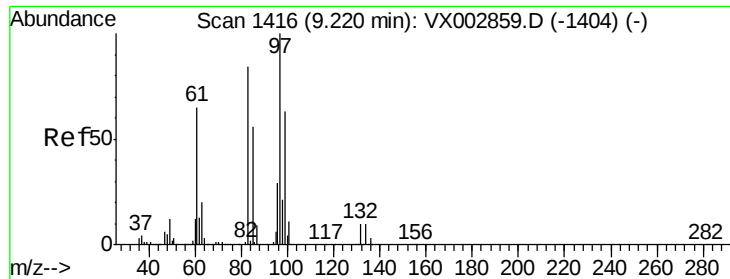


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

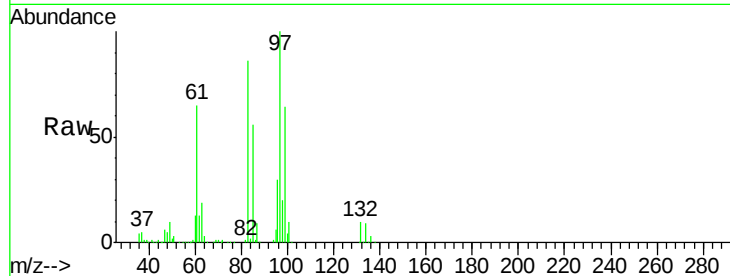




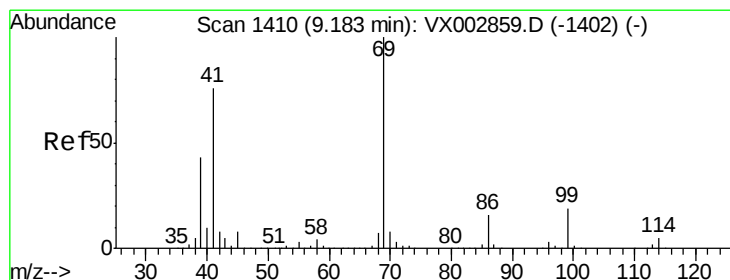
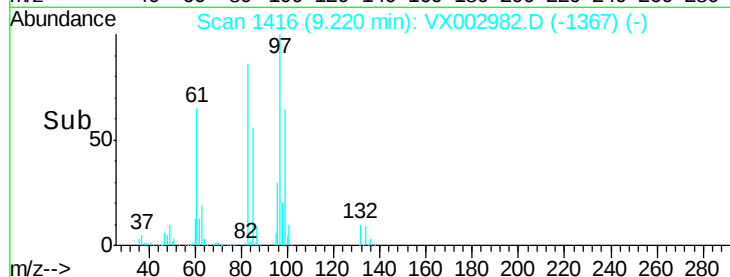
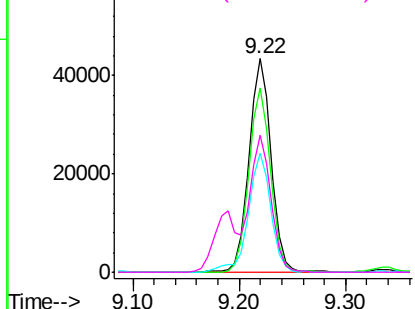
#55
 1,1,2-Trichloroethane
 Concen: 18.13 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

Tot Ion:	97	Resp:	63608
Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.2	105.2
85	55.8	44.9	67.3
99	64.3	49.8	74.8

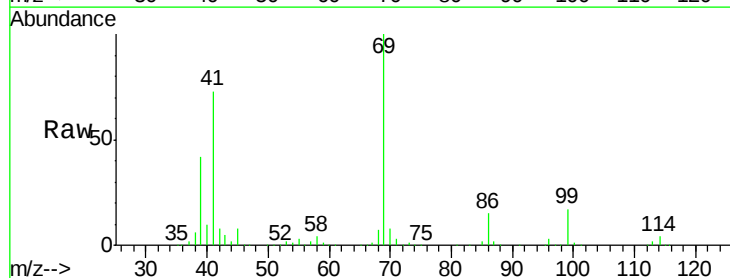


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

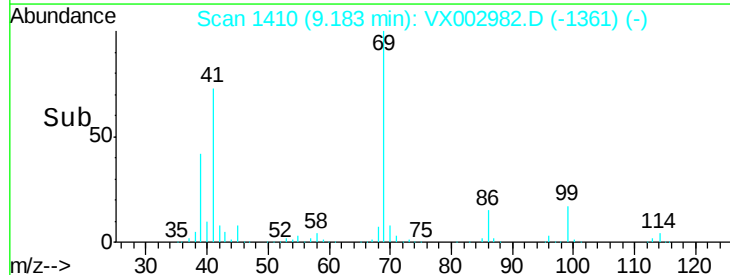
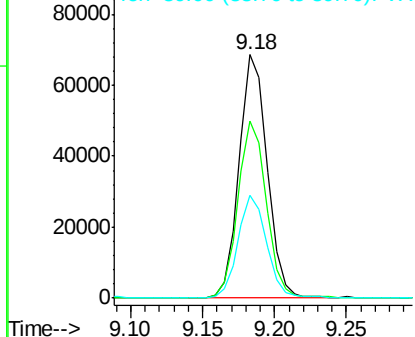


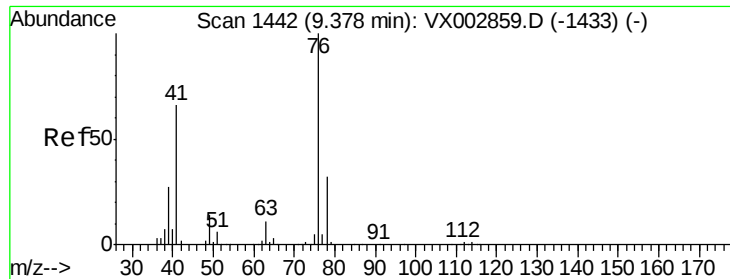
#56
 Ethyl methacrylate
 Concen: 18.18 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Tgt Ion:	69	Resp:	93269
Ion	Ratio	Lower	Upper
69	100		
41	73.4	60.3	90.5
39	42.5	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: 18.07 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

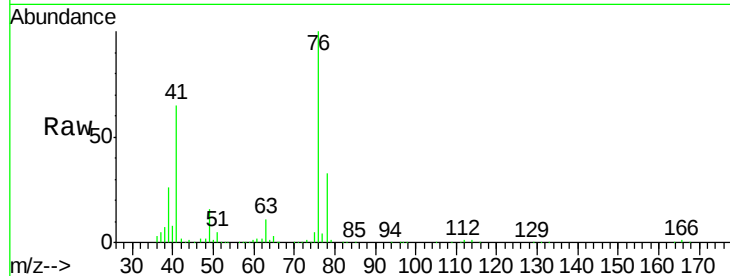
VX0628WBS01

Tot Ion: 76 Resp: 104142

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

80000

60000

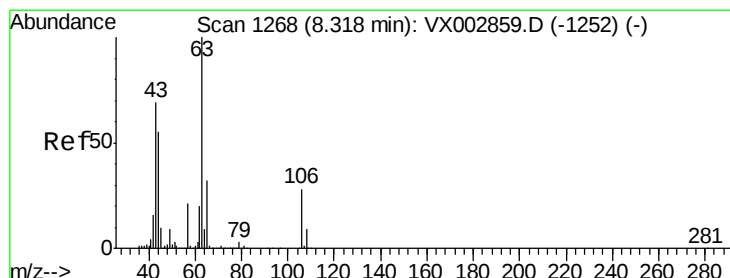
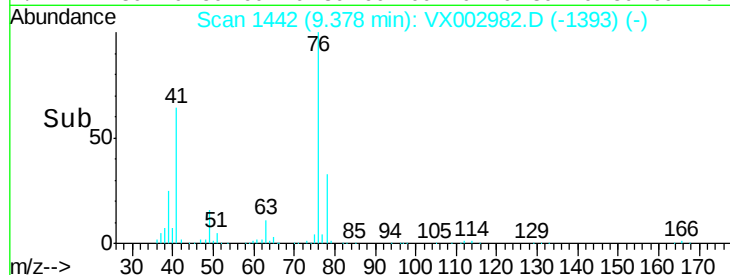
40000

20000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 98.34 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002982.D

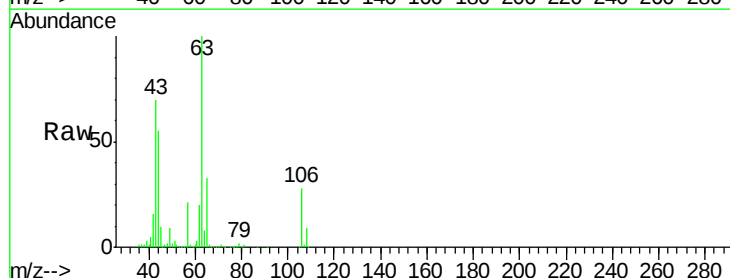
Acq: 28 Jun 2018 13:54

Tgt Ion: 63 Resp: 243339

Ion Ratio Lower Upper

63 100

106 28.0 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

150000

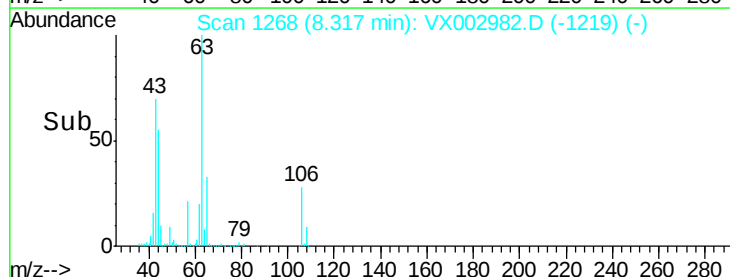
100000

50000

0

8.20 8.30 8.40

Time-->

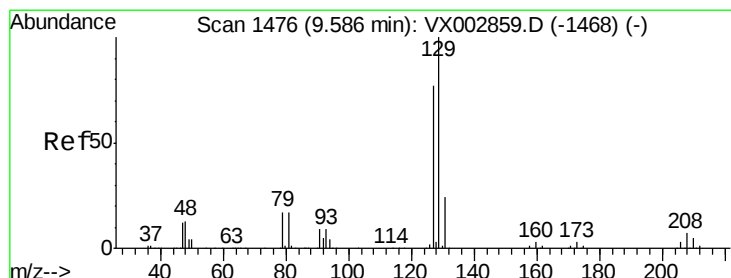
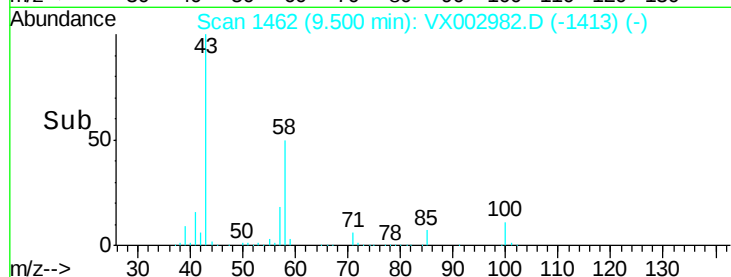
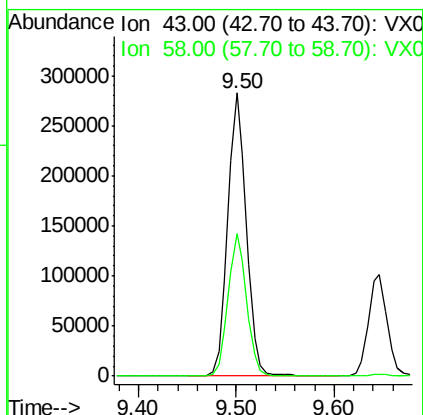
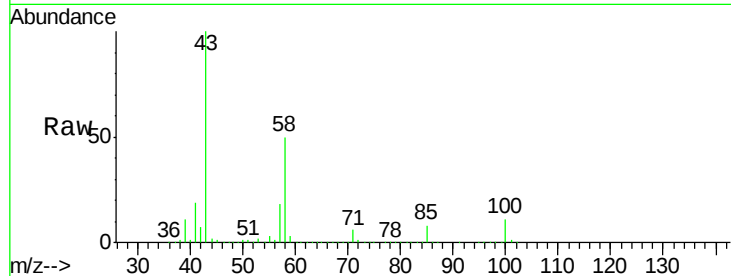




#59
2-Hexanone
Concen: 94.46 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

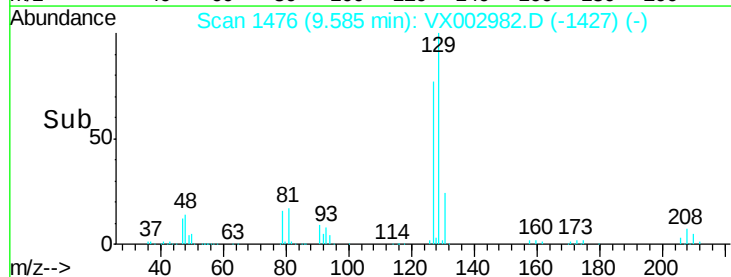
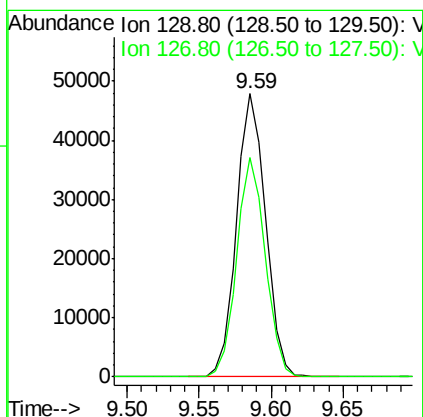
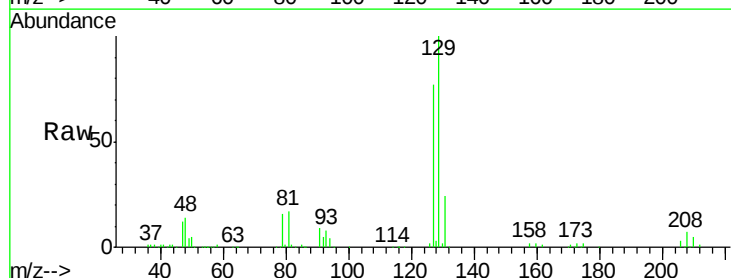
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

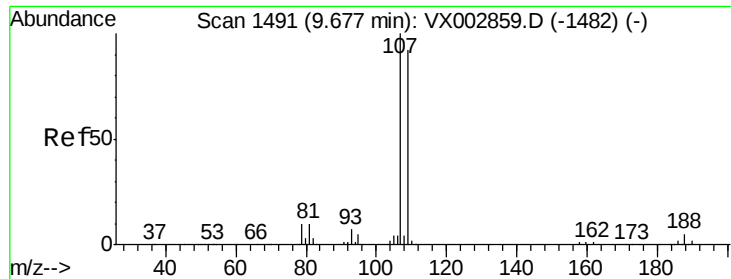
Tot Ion: 43 Resp: 372130
Ion Ratio Lower Upper
43 100
58 50.2 24.6 73.6



#60
Dibromochloromethane
Concen: 18.22 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

Tgt Ion: 129 Resp: 67303
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.16 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

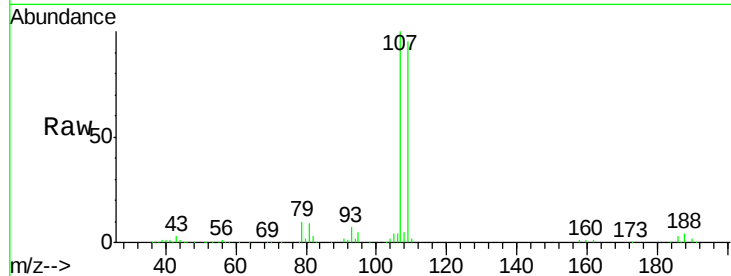
VX0628WBS01

Tot Ion:107 Resp: 66858

Ion Ratio Lower Upper

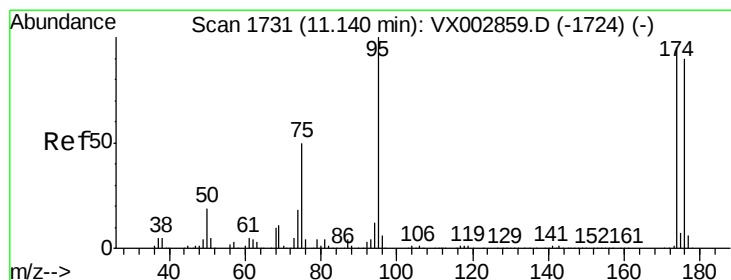
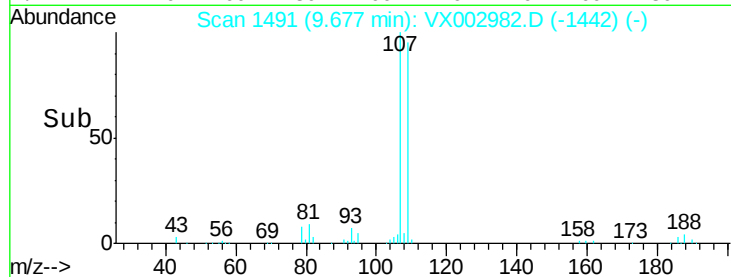
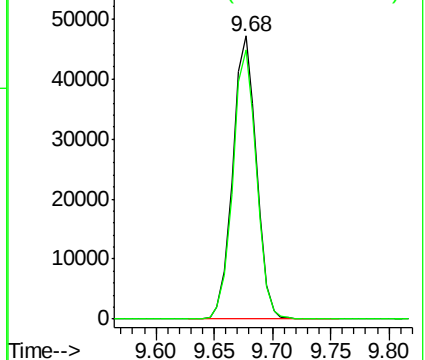
107 100

109 95.0 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: 44.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

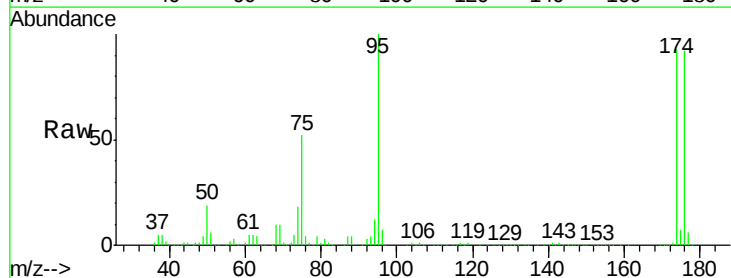
Tgt Ion: 95 Resp: 205371

Ion Ratio Lower Upper

95 100

174 97.1 0.0 187.4

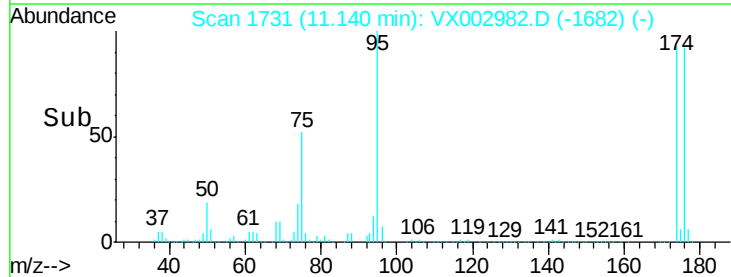
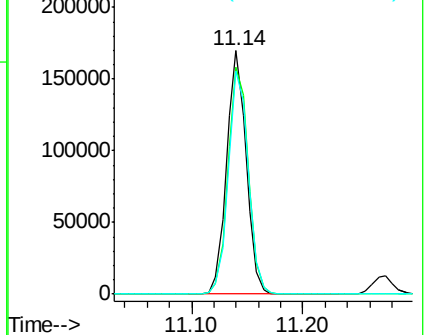
176 94.0 0.0 181.0

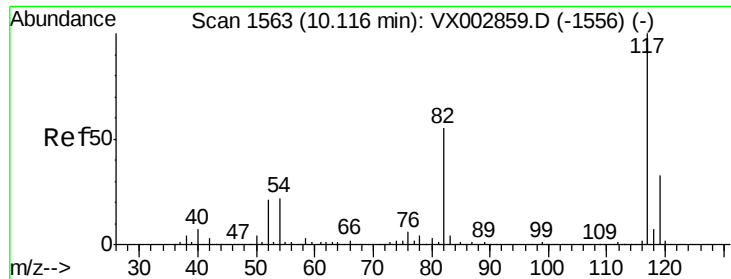


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

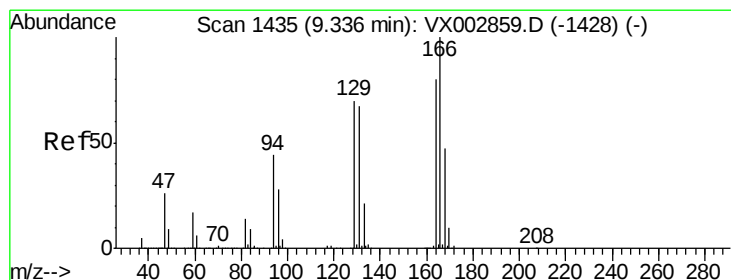
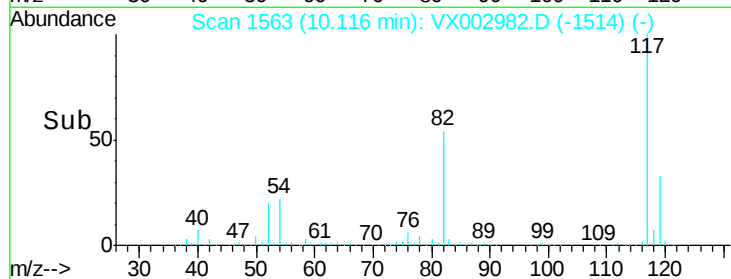
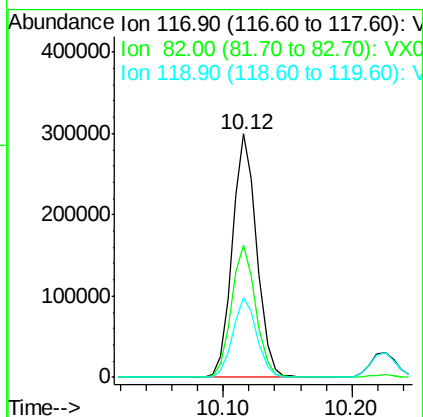
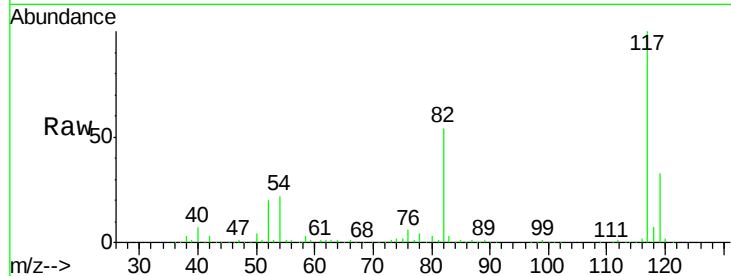




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

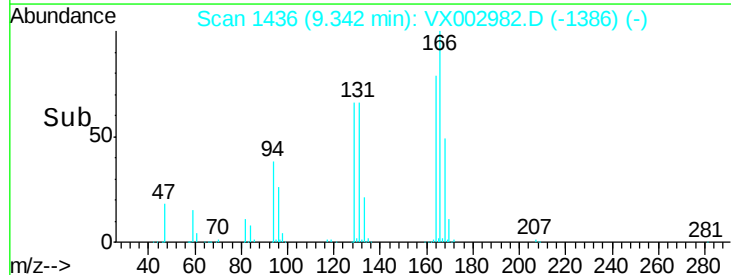
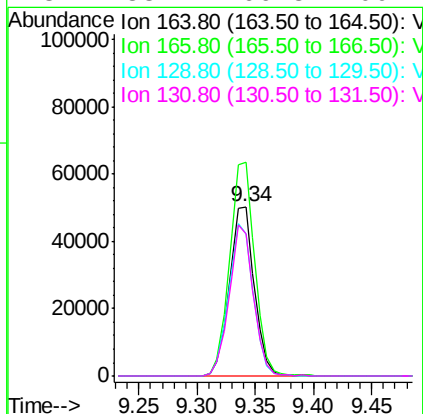
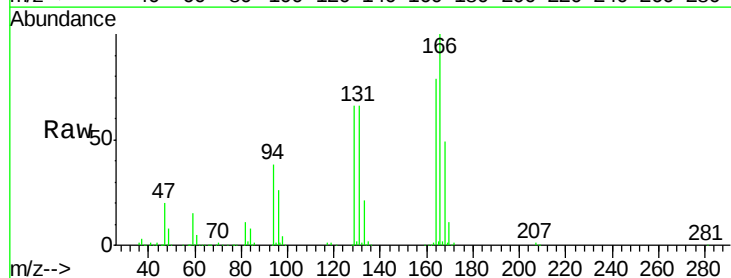
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tot Ion:117 Resp: 395353
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 17.08 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

Tgt Ion:164 Resp: 75076
Ion Ratio Lower Upper
164 100
166 126.1 102.9 154.3
129 83.7 68.6 102.8
131 83.7 66.8 100.2

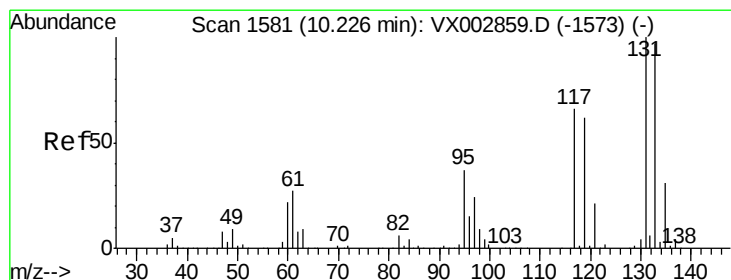
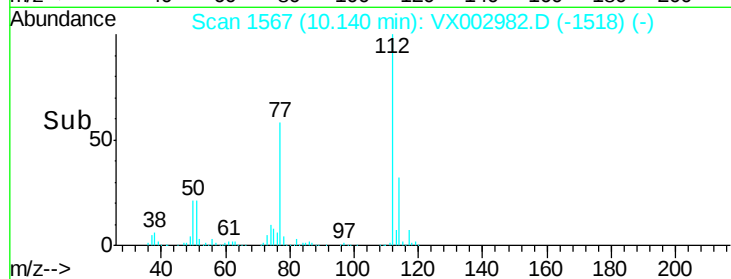
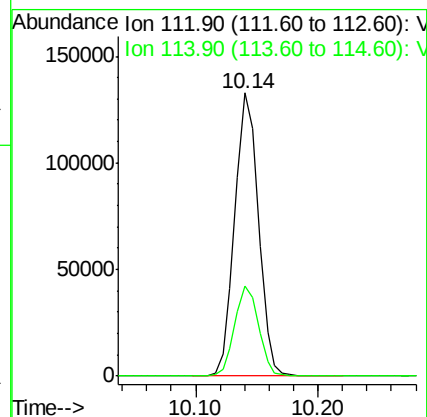
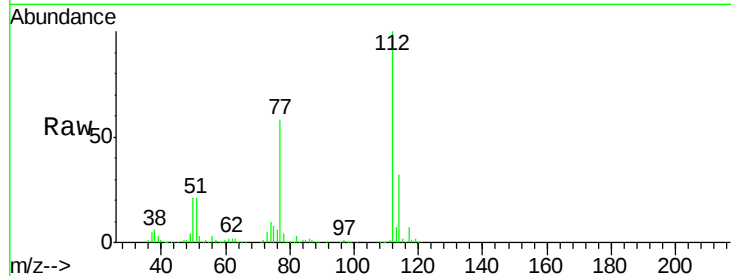




#65
Chlorobenzene
Concen: 17.74 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

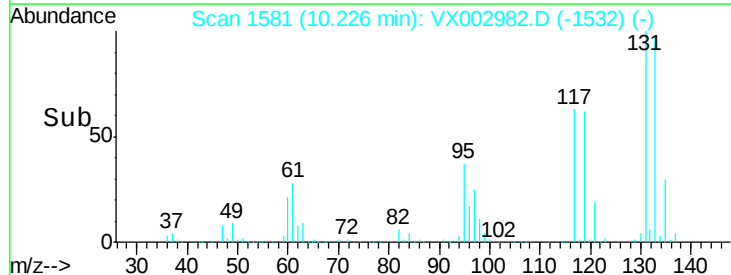
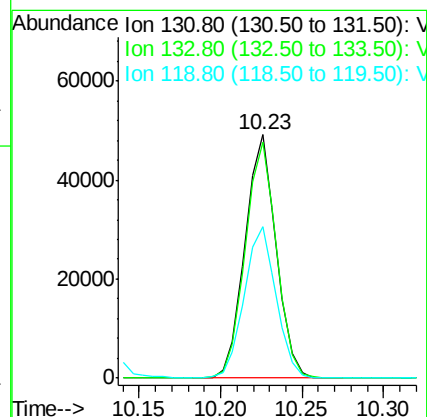
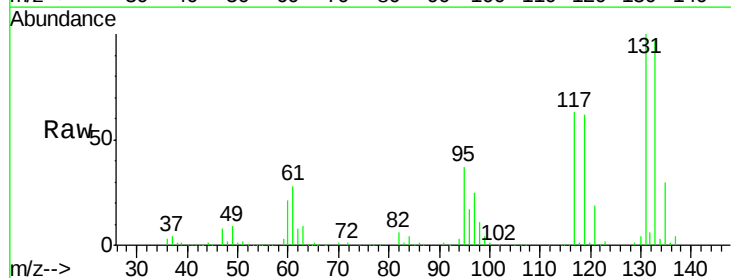
Instrument :
MSVOA_X
ClientSampled :
VX0628WBS01

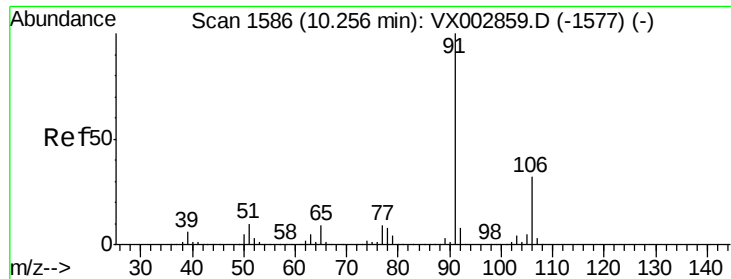
Tot Ion:112 Resp: 178104
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 17.86 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

Tgt Ion:131 Resp: 65162
Ion Ratio Lower Upper
131 100
133 97.2 47.9 143.6
119 64.1 31.8 95.3

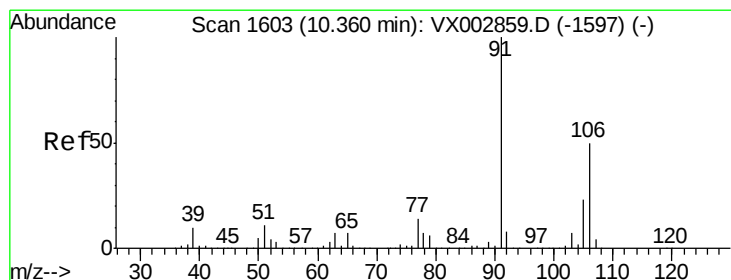
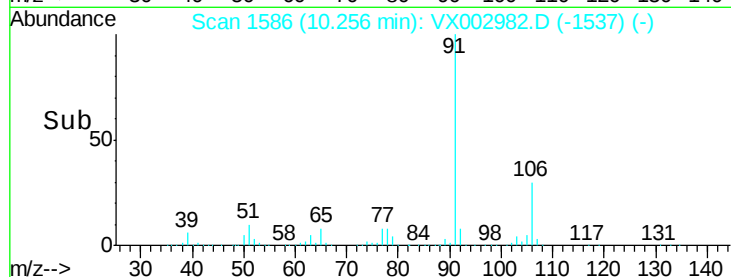
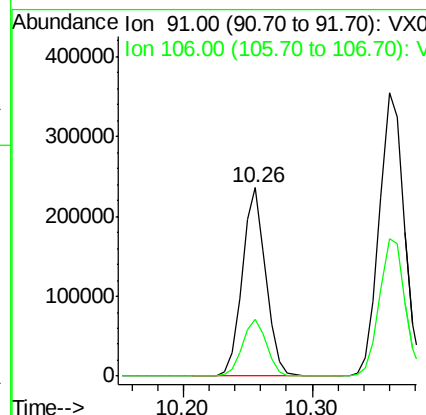
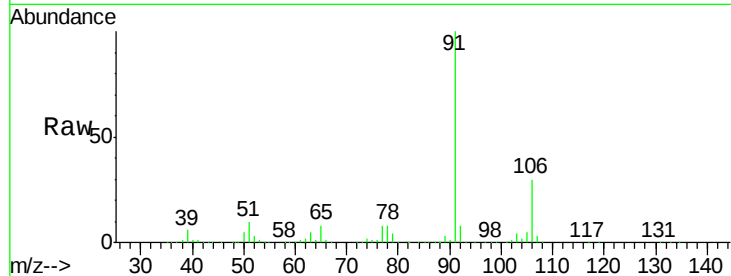




#67
Ethyl Benzene
Concen: 17.99 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

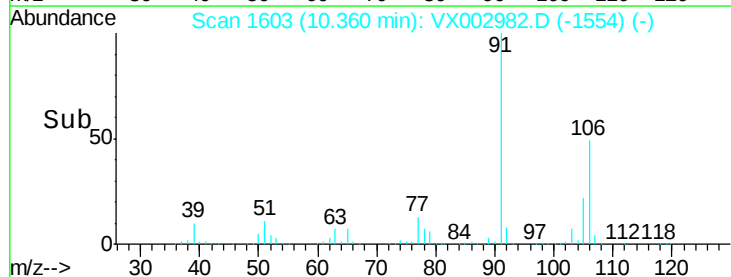
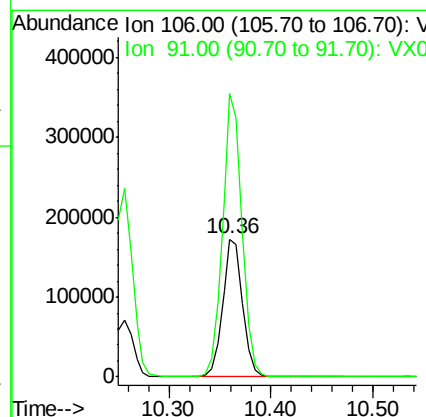
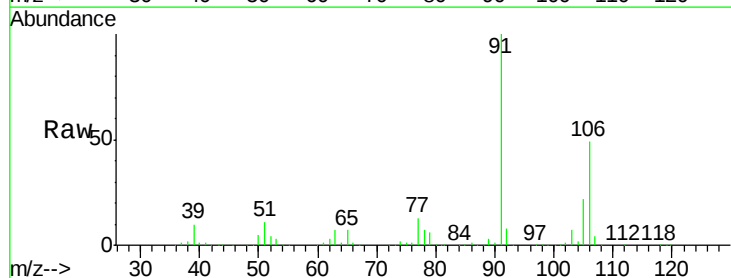
Instrument :
MSVOA_X
ClientSampled :
VX0628WBS01

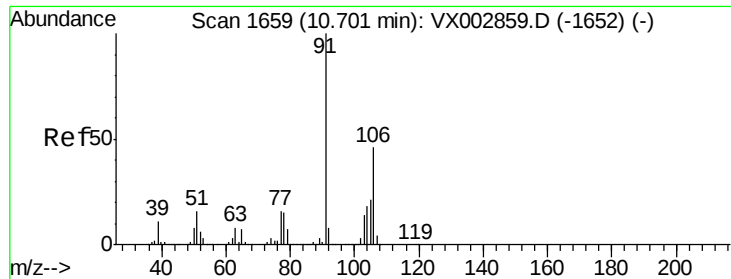
Tot Ion: 91 Resp: 298479
Ion Ratio Lower Upper
91 100
106 30.4 25.5 38.3



#68
m/p-Xylenes
Concen: 36.54 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

Tgt Ion: 106 Resp: 233618
Ion Ratio Lower Upper
106 100
91 202.5 163.4 245.2

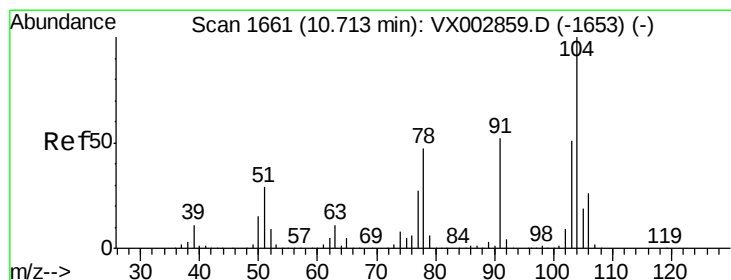
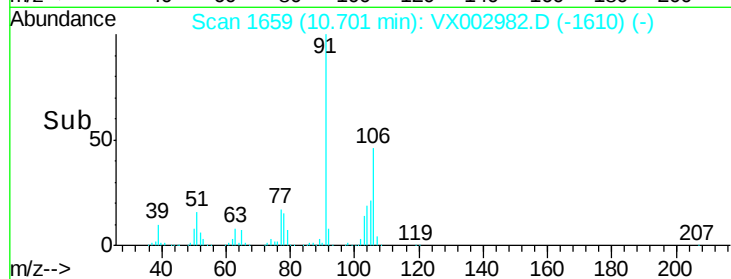
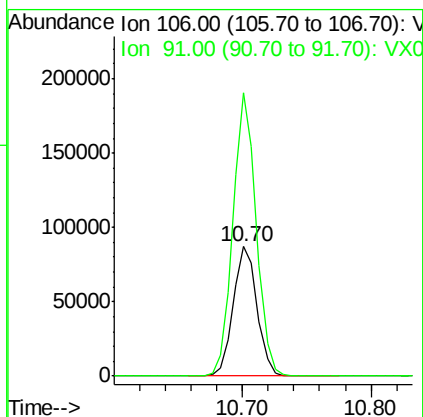
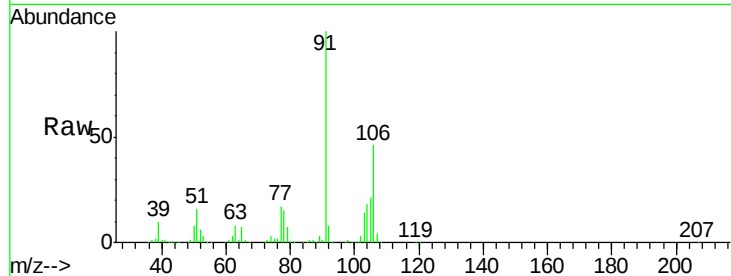




#69
o-Xylene
Concen: 18.07 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

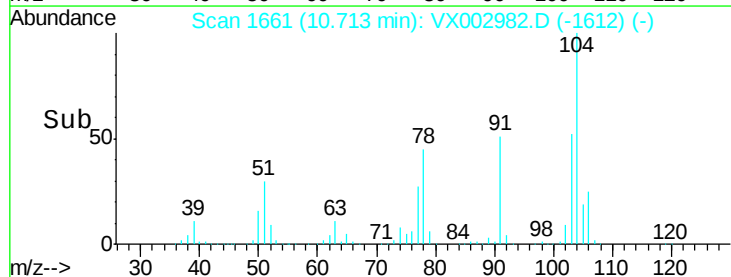
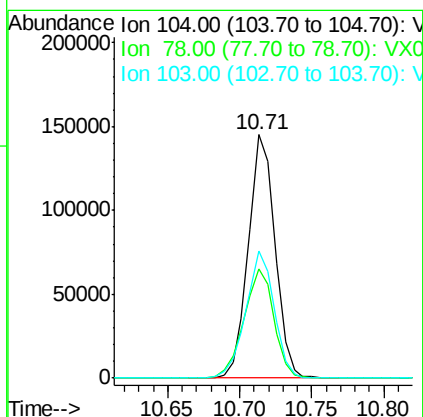
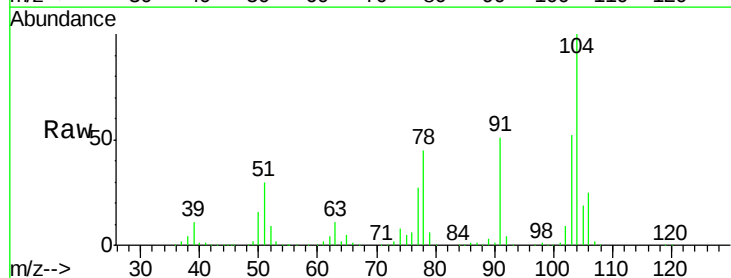
Instrument :
MSVOA_X
ClientSampled :
VX0628WBS01

Tot Ion:106 Resp: 112473
Ion Ratio Lower Upper
106 100
91 214.0 108.2 324.6



#70
Styrene
Concen: 18.35 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

Tgt Ion:104 Resp: 185569
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.6
103 55.8 44.2 66.4

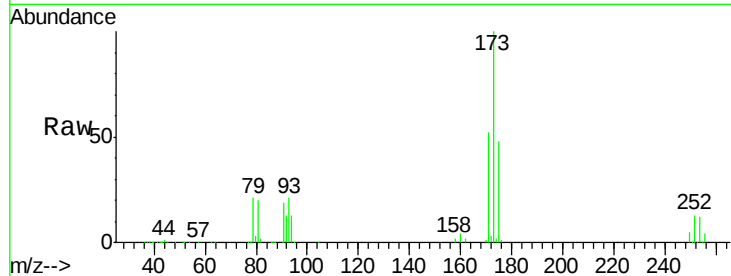




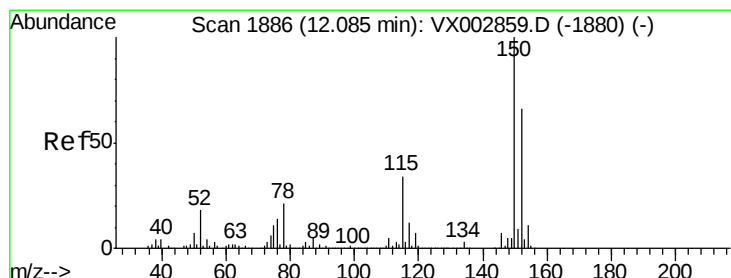
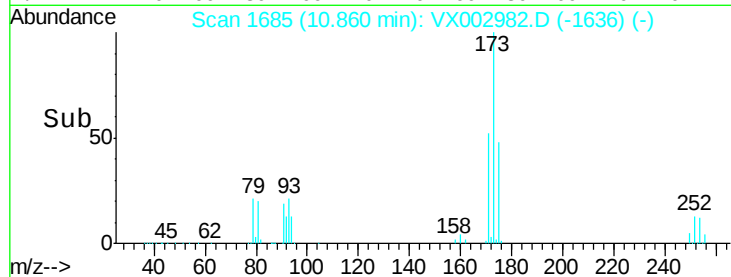
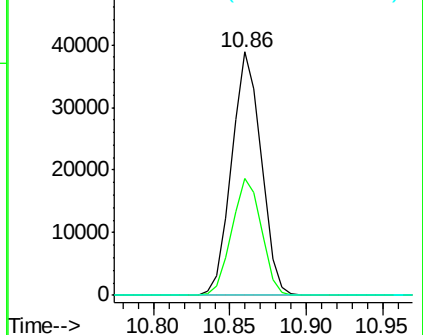
#71
Bromoform
Concen: 18.43 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

Instrument :
MSVOA_X
ClientSampled :
VX0628WBS01

Tot Ion:173 Resp: 51941
Ion Ratio Lower Upper
173 100
175 48.3 24.7 74.1
254 0.1 0.2 0.2#

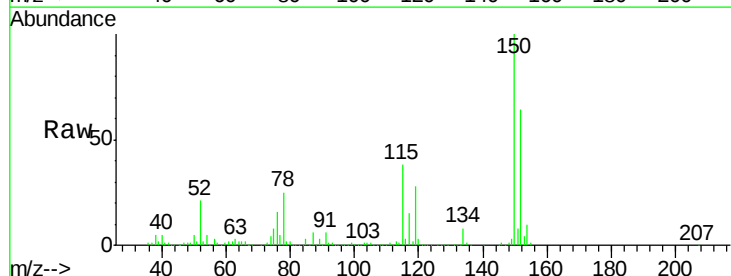


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

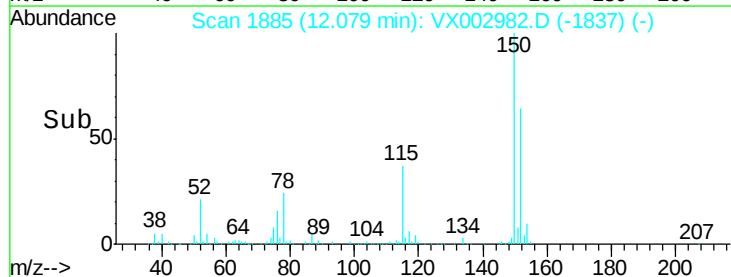
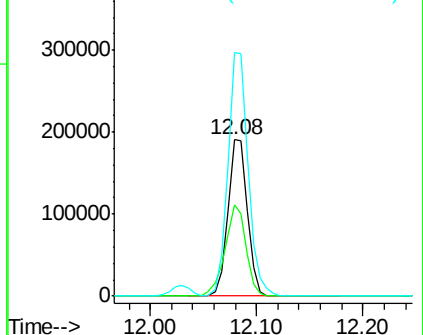


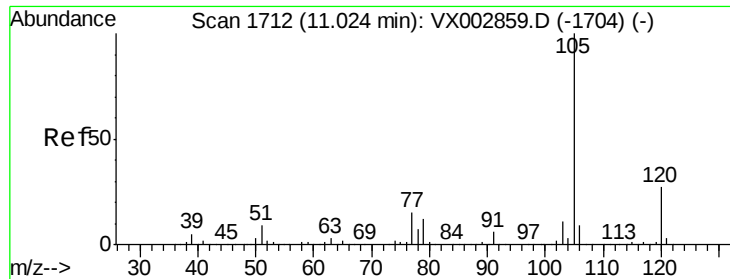
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002982.D
Acq: 28 Jun 2018 13:54

Tgt Ion:152 Resp: 244254
Ion Ratio Lower Upper
152 100
115 62.7 40.1 120.2
150 162.2 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: 18.66 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

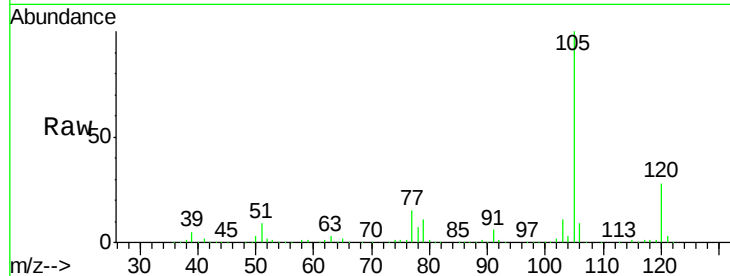
VX0628WBS01

Tot Ion:105 Resp: 306613

Ion Ratio Lower Upper

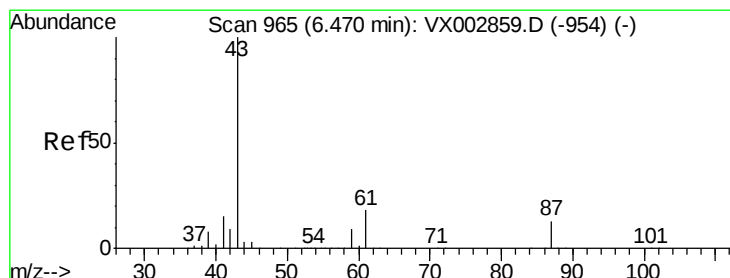
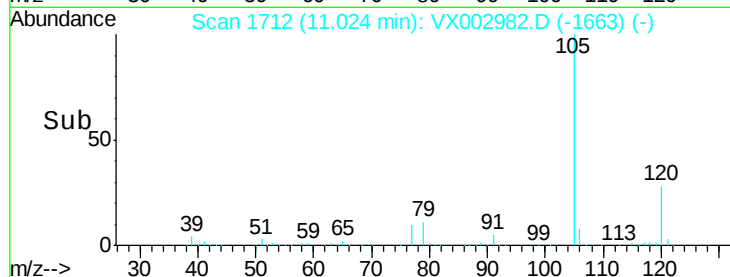
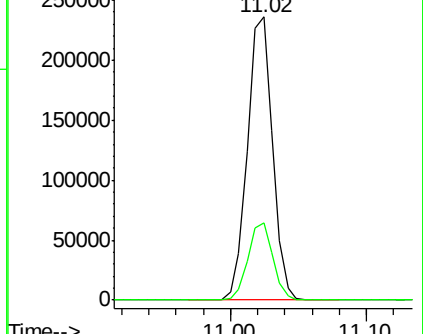
105 100

120 27.2 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: 18.22 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Tgt Ion: 43 Resp: 146488

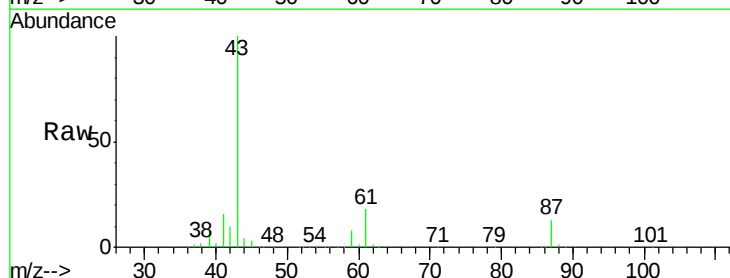
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.4 14.4 21.6

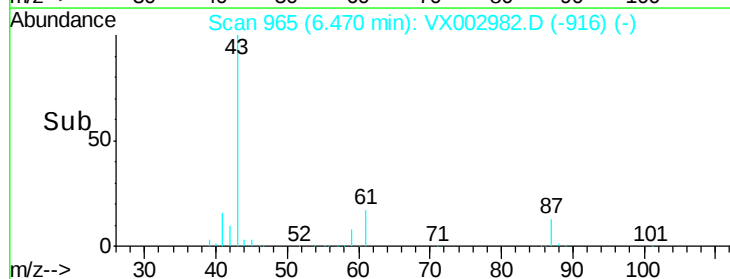
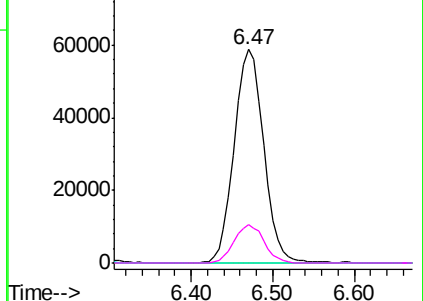


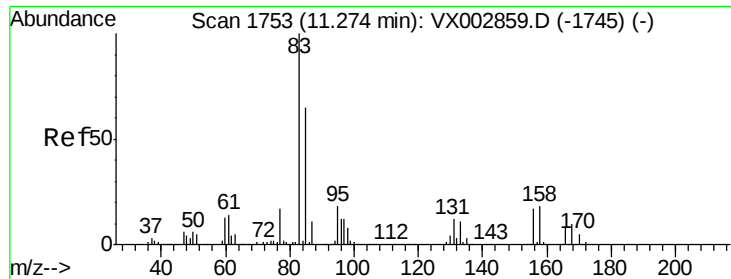
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.95 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

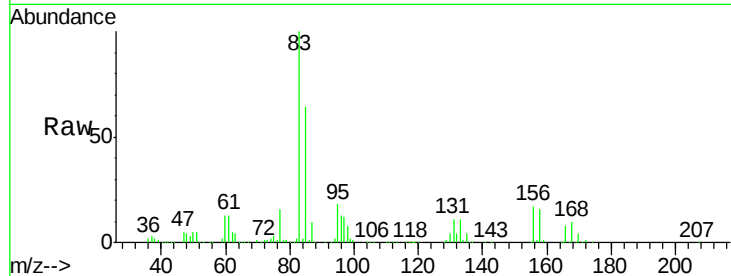
Tot Ion: 83 Resp: 95897

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

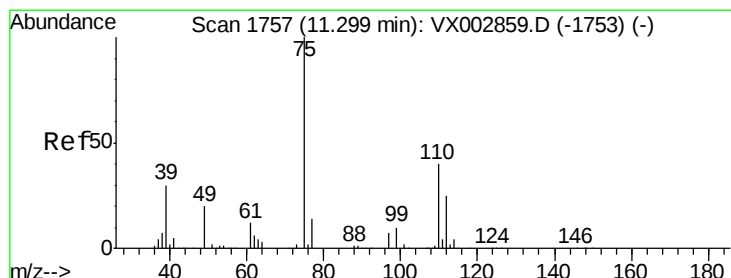
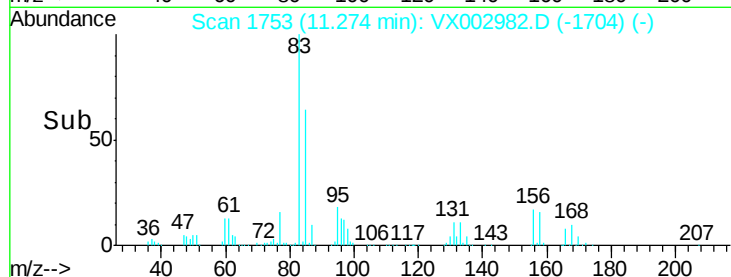
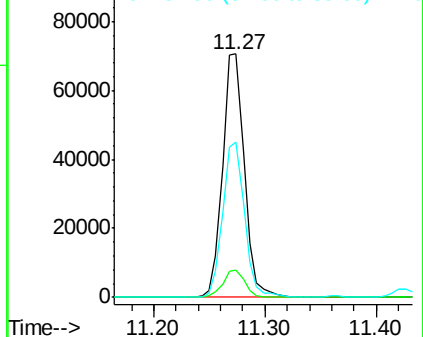
85 63.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.25 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002982.D

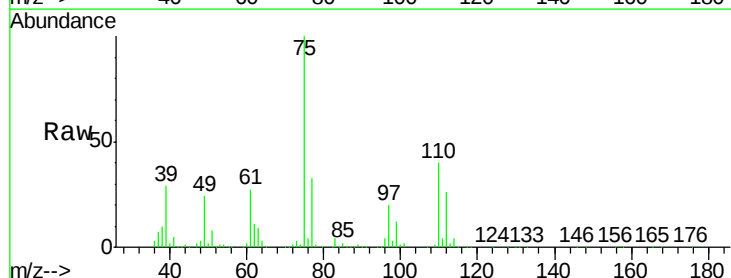
Acq: 28 Jun 2018 13:54

Tgt Ion: 75 Resp: 102862

Ion Ratio Lower Upper

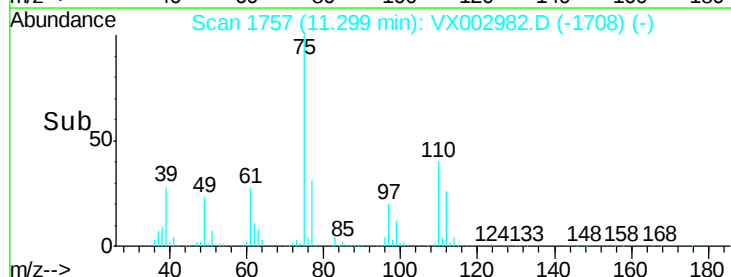
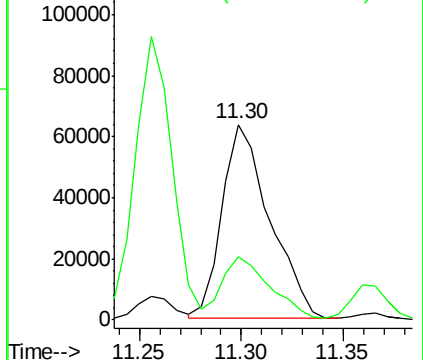
75 100

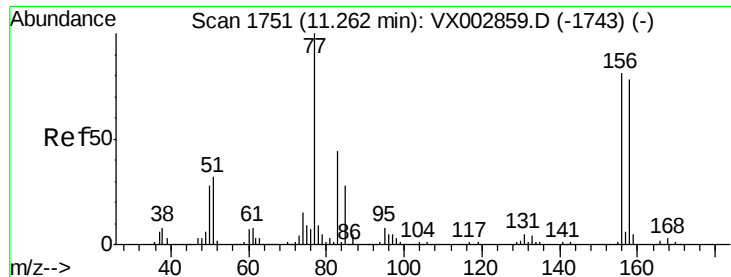
77 32.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.35 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

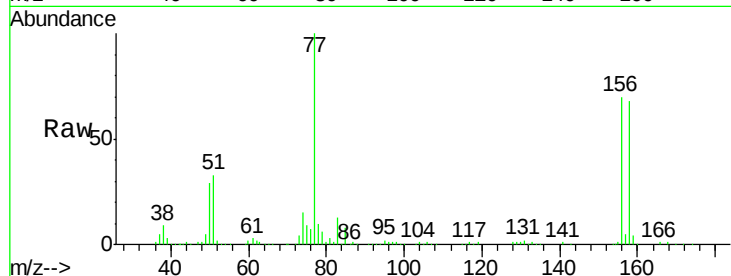
Tot Ion:156 Resp: 85880

Ion Ratio Lower Upper

156 100

77 136.3 71.4 214.2

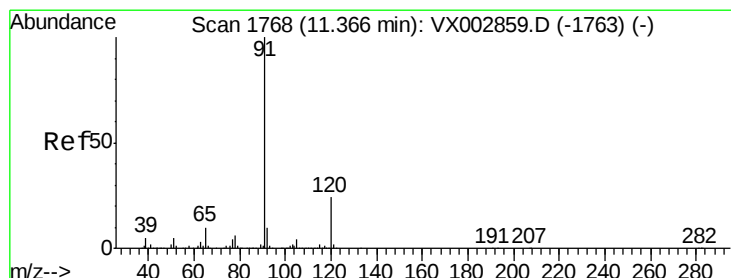
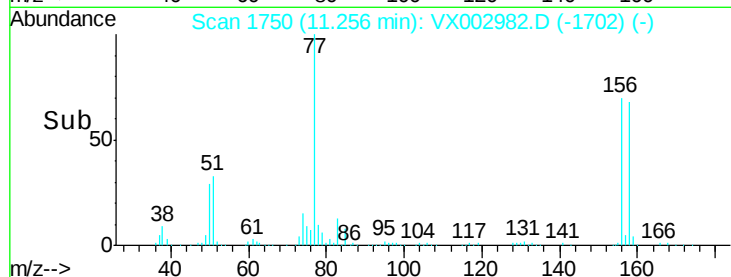
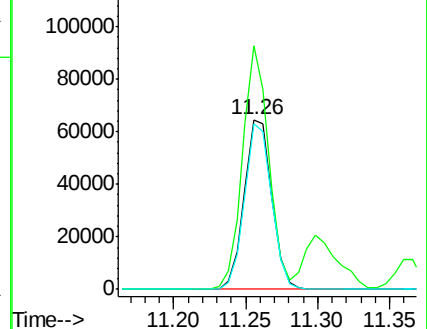
158 95.7 48.9 146.6



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: 18.58 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002982.D

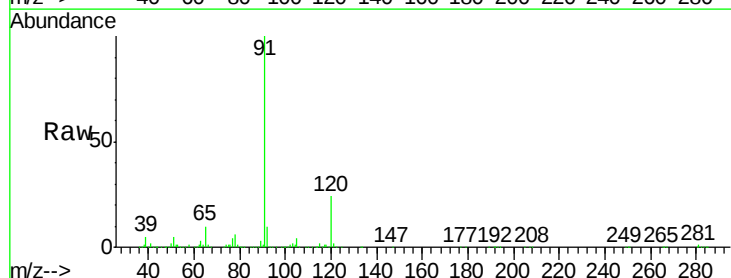
Acq: 28 Jun 2018 13:54

Tgt Ion: 91 Resp: 347464

Ion Ratio Lower Upper

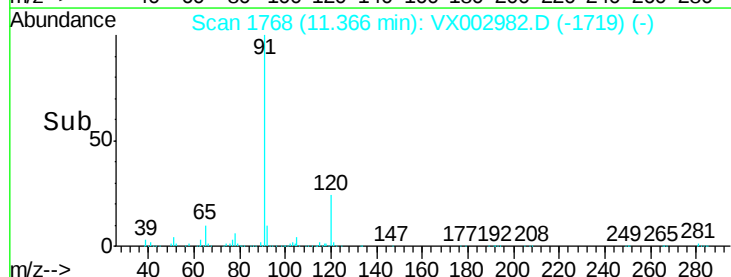
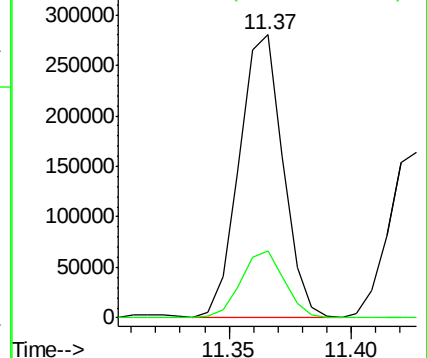
91 100

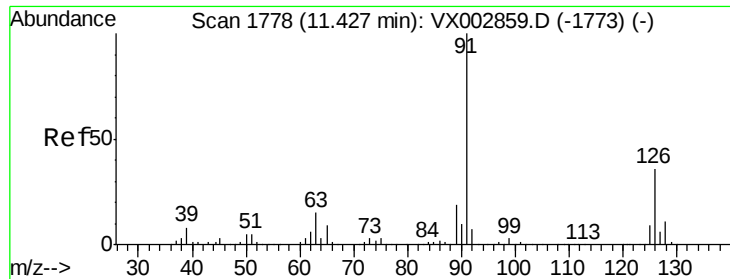
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

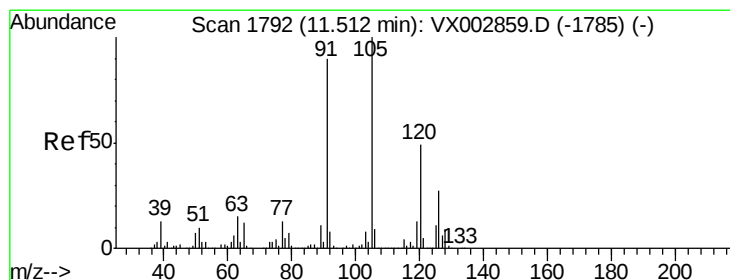
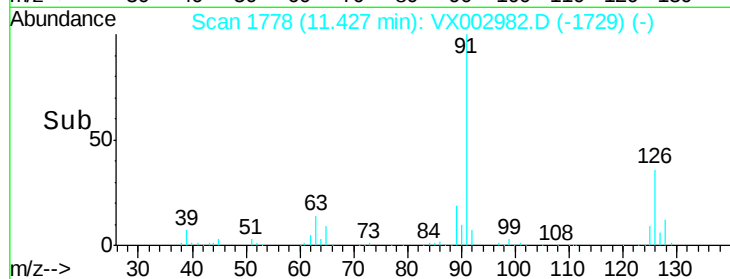
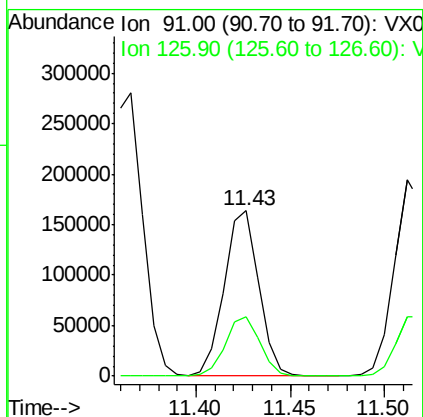
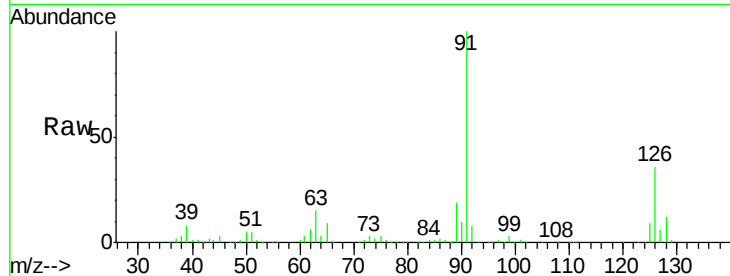




#79
 2-Chlorotoluene
 Concen: 18.22 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

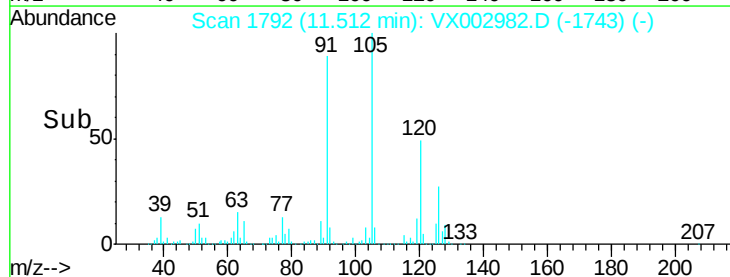
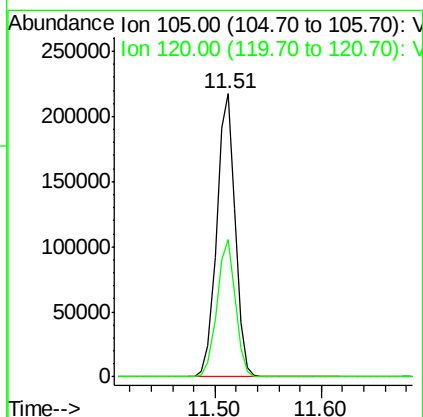
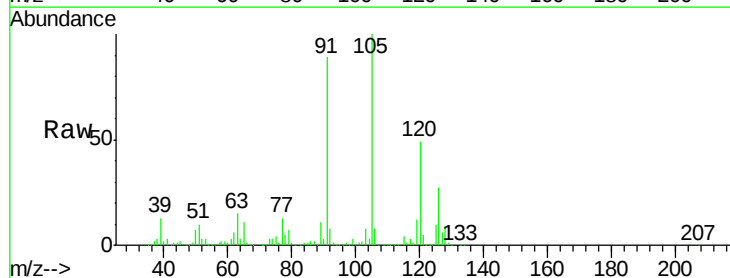
Instrument :
 MSVOA_X
 ClientSampled :
 VX0628WBS01

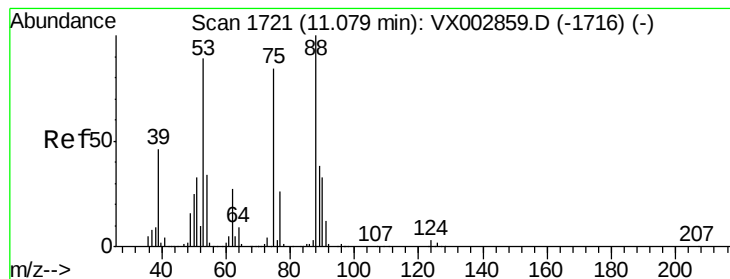
Tot Ion: 91 Resp: 206274
 Ion Ratio Lower Upper
 91 100
 126 36.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.83 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Tgt Ion: 105 Resp: 260548
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.76 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

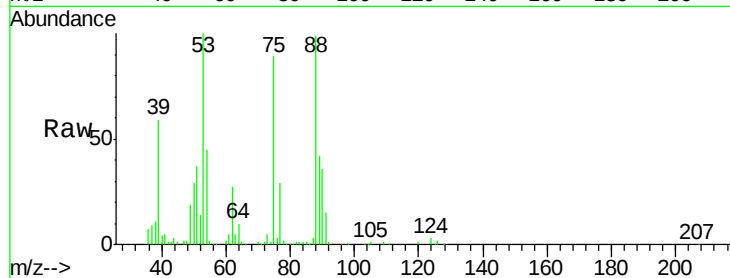
Tot Ion: 75 Resp: 21902

Ion Ratio Lower Upper

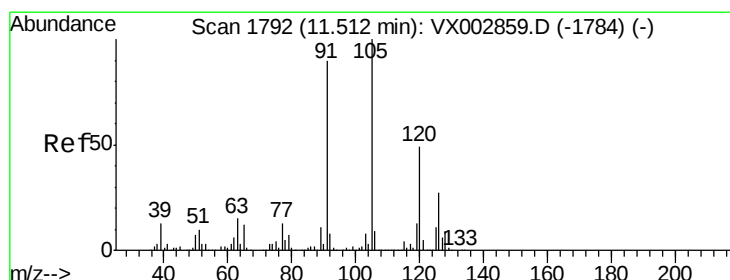
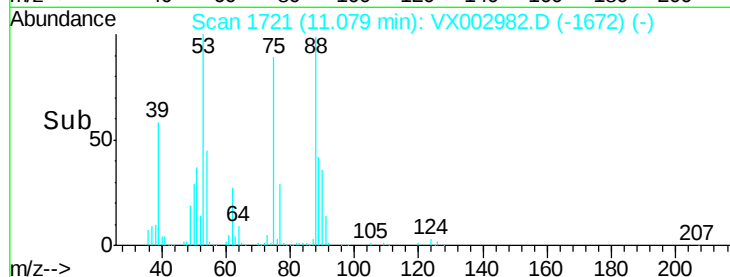
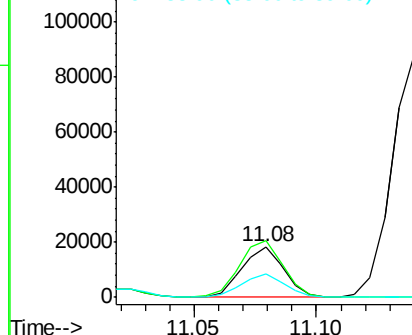
75 100

53 119.2 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: 18.13 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002982.D

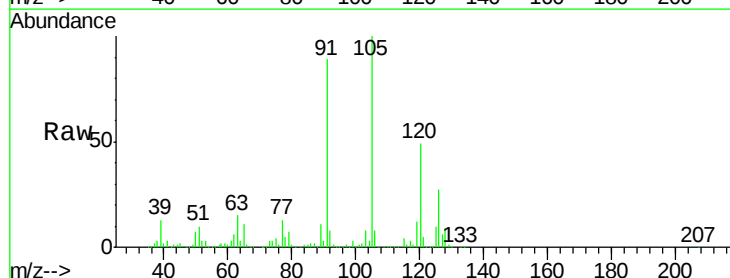
Acq: 28 Jun 2018 13:54

Tgt Ion: 91 Resp: 243090

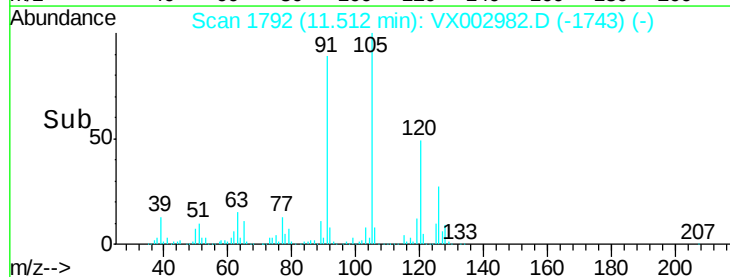
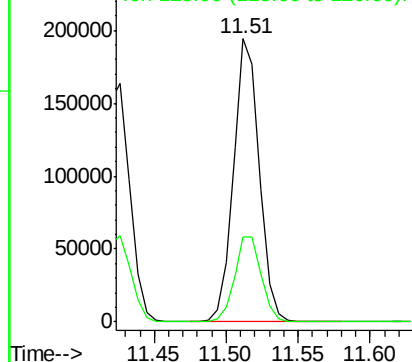
Ion Ratio Lower Upper

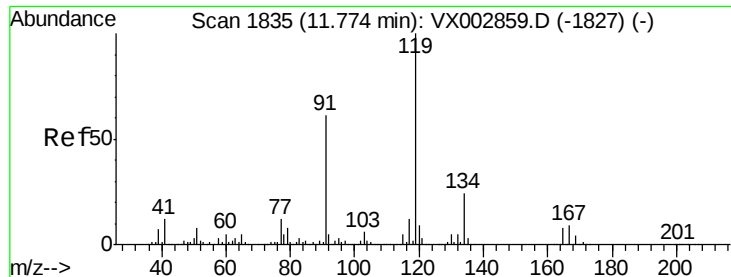
91 100

126 31.1 15.4 46.4



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

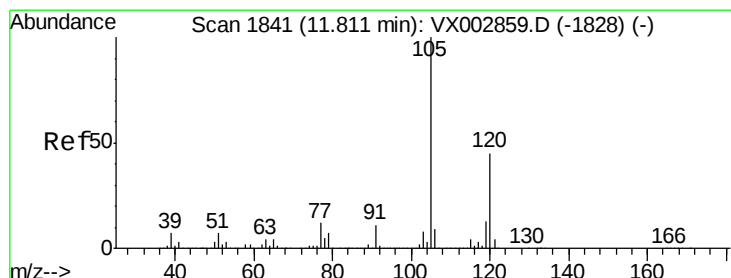
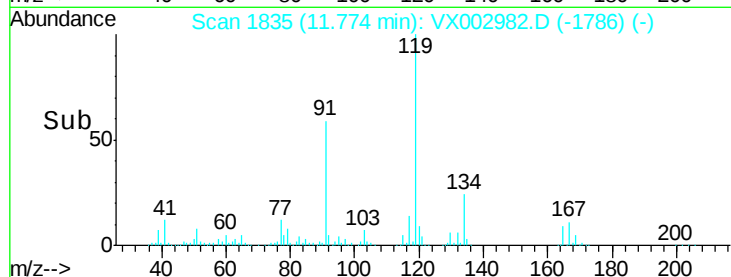
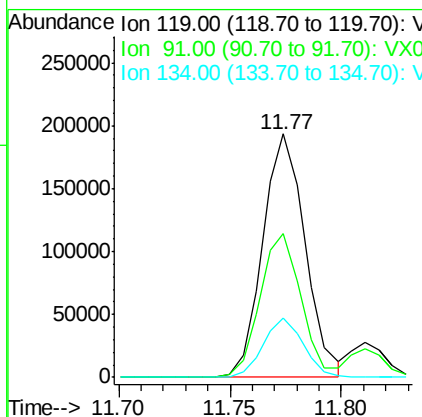
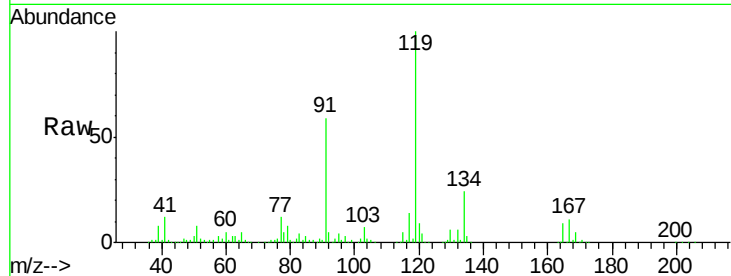




#83
 tert-Butylbenzene
 Concen: 18.74 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

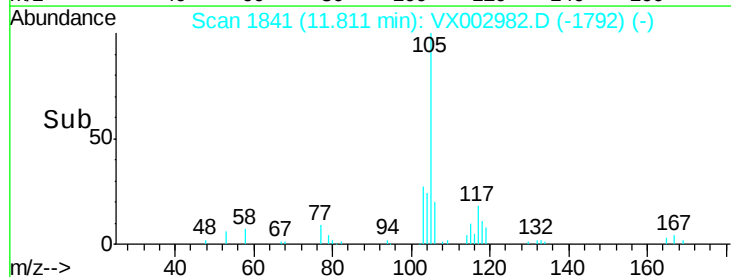
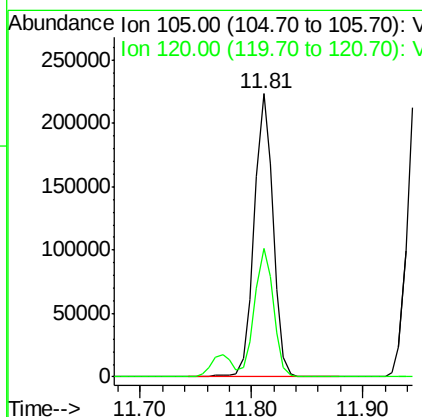
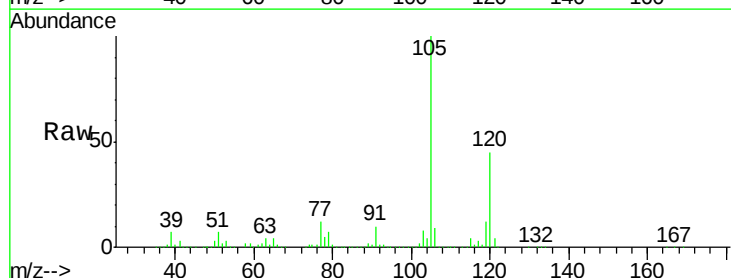
Instrument :
 MSVOA_X
 ClientSampled :
 VX0628WBS01

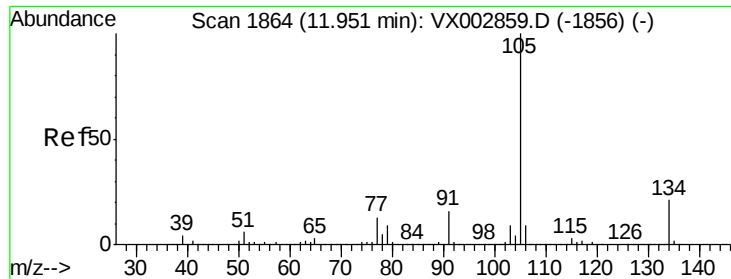
Tot Ion:119 Resp: 255633
 Ion Ratio Lower Upper
 119 100
 91 57.7 30.3 90.9
 134 23.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.40 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Tgt Ion:105 Resp: 263891
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 18.43 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

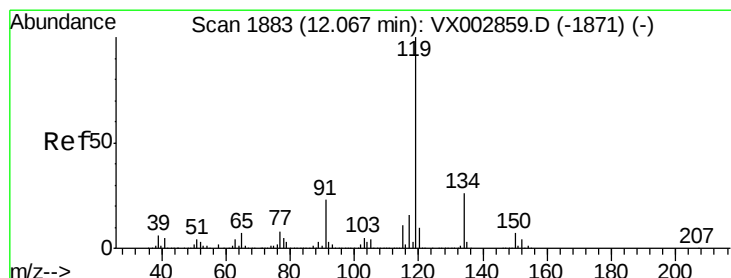
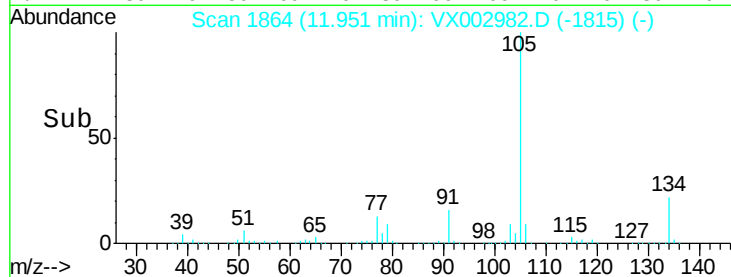
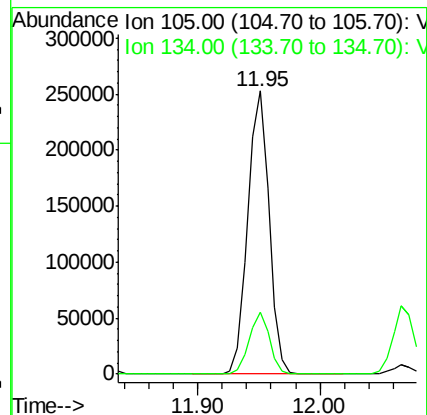
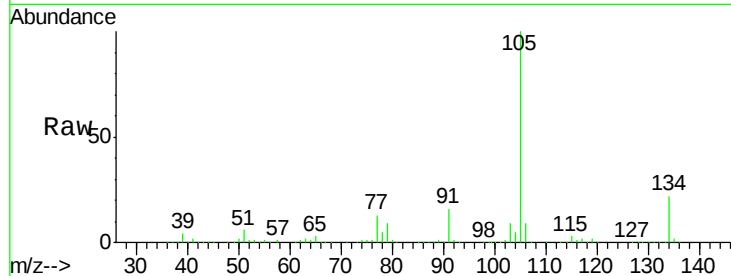
VX0628WBS01

Tot Ion:105 Resp: 304927

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 18.36 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

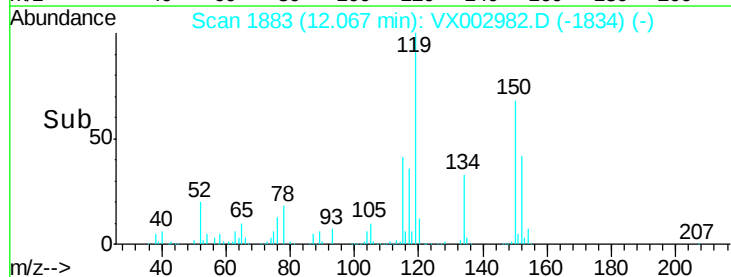
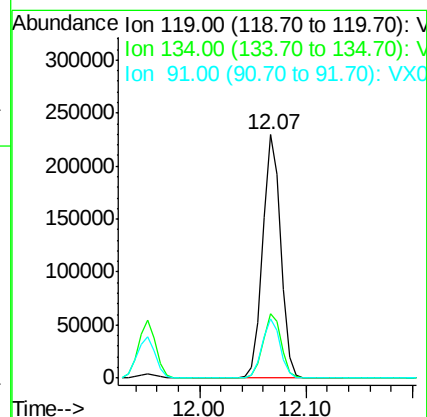
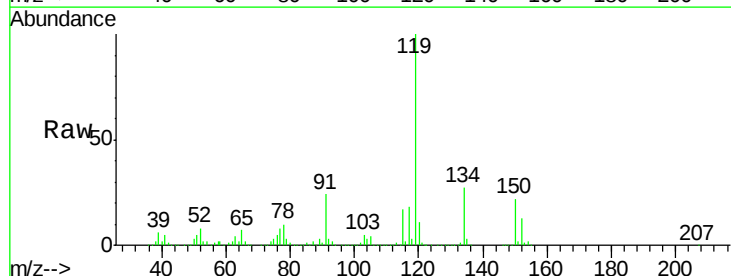
Tgt Ion:119 Resp: 273150

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 24.2 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 18.04 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS01

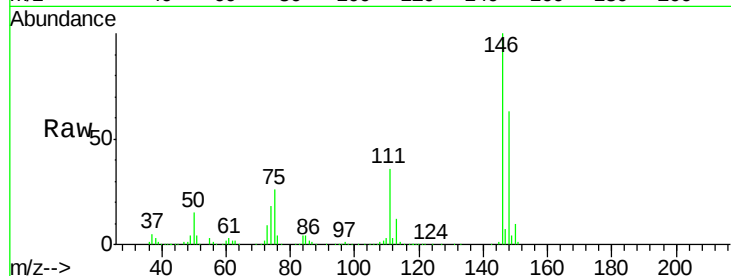
Tot Ion:146 Resp: 154170

Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.7

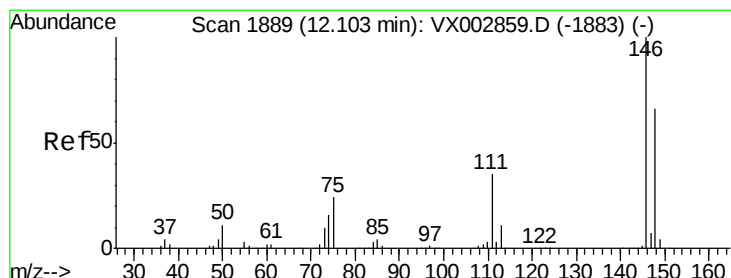
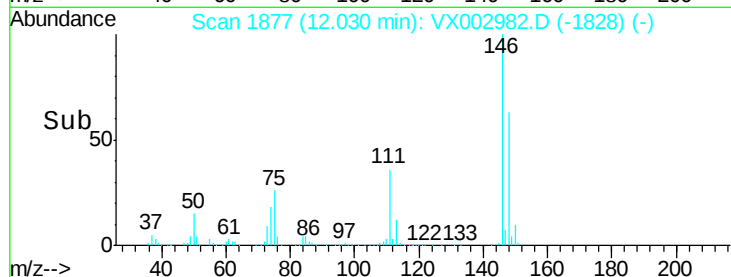
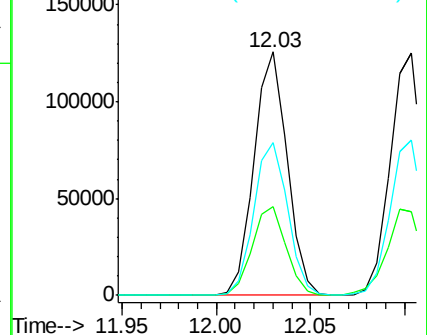
148 63.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.65 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

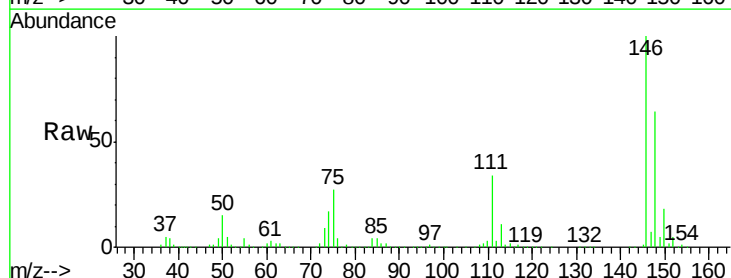
Tgt Ion:146 Resp: 155191

Ion Ratio Lower Upper

146 100

111 37.9 18.7 56.1

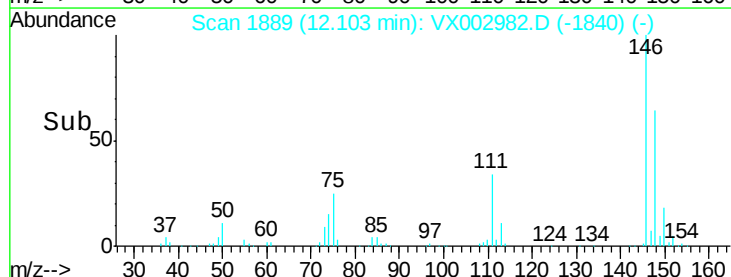
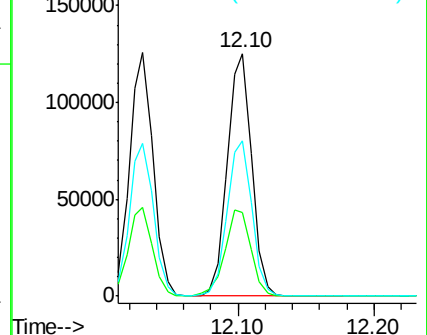
148 65.2 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.88 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS01

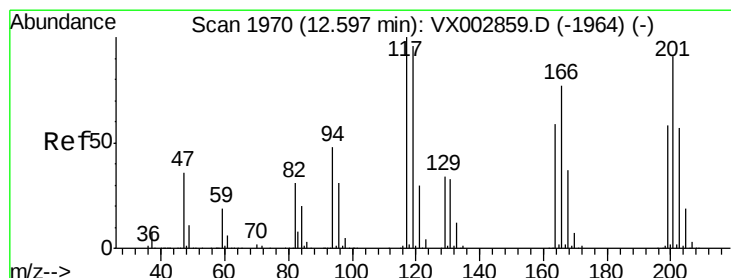
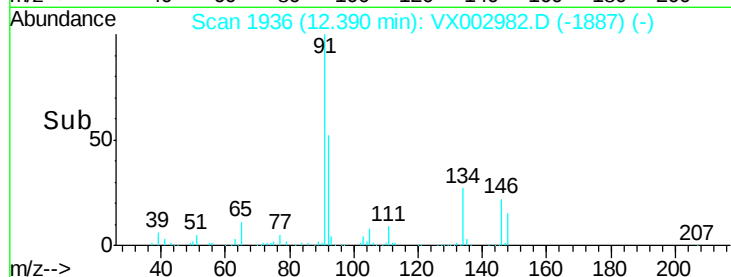
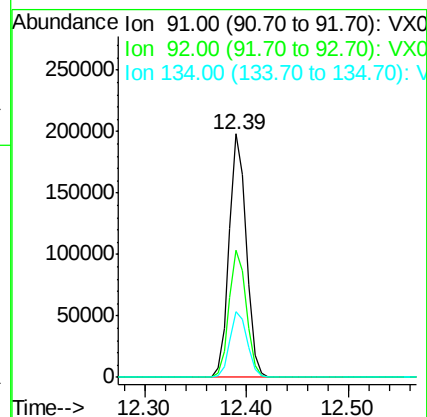
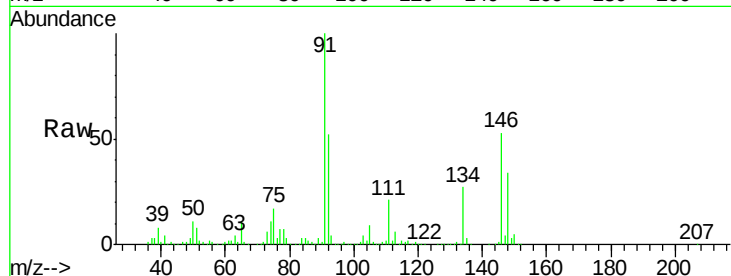
Tot Ion: 91 Resp: 231548

Ion Ratio Lower Upper

91 100

92 52.4 26.0 78.0

134 27.3 13.5 40.5



#90

Hexachloroethane

Concen: 17.21 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002982.D

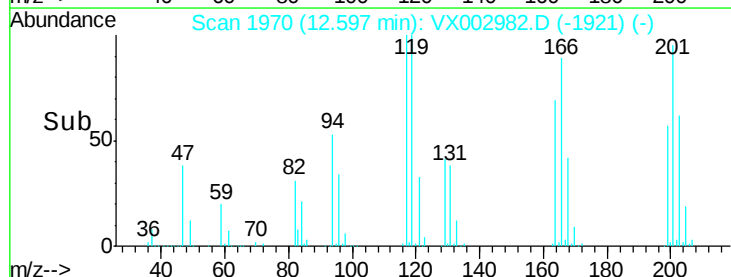
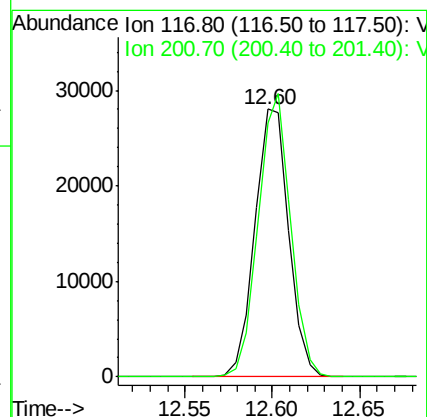
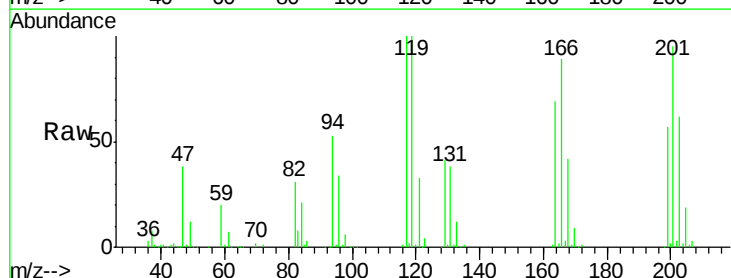
Acq: 28 Jun 2018 13:54

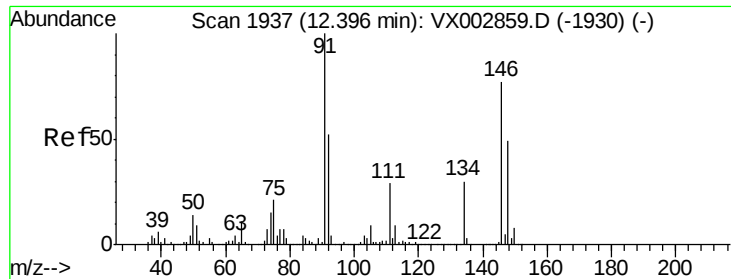
Tgt Ion: 117 Resp: 38073

Ion Ratio Lower Upper

117 100

201 100.6 49.0 147.0

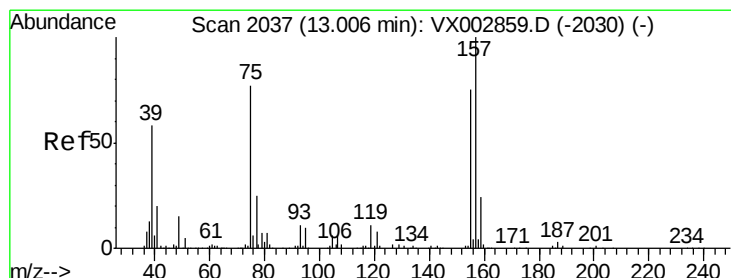
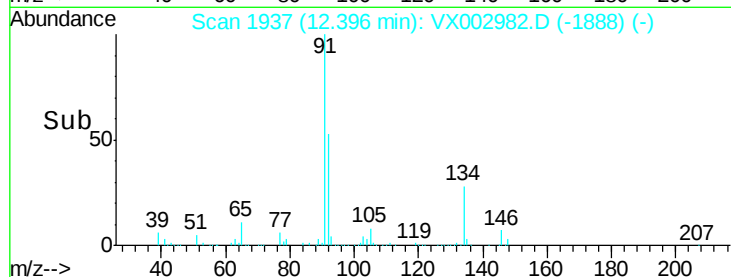
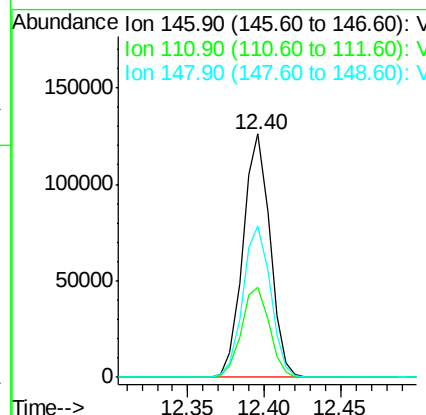
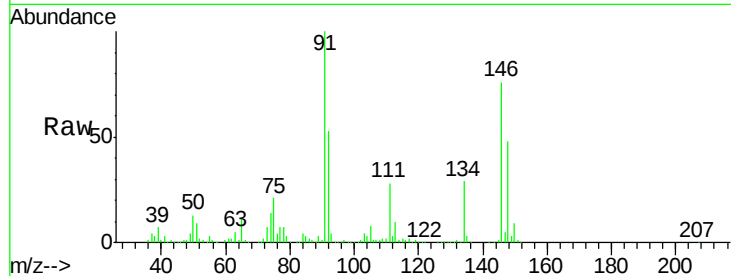




#91
 1,2-Dichlorobenzene
 Concen: 17.92 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

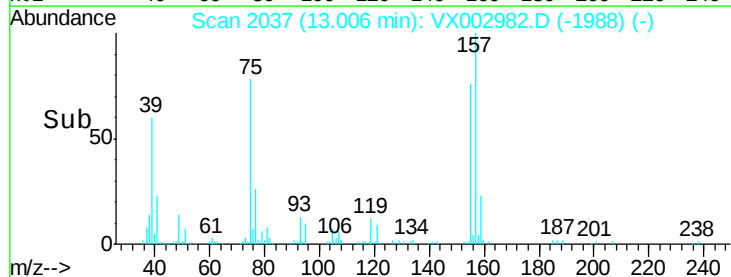
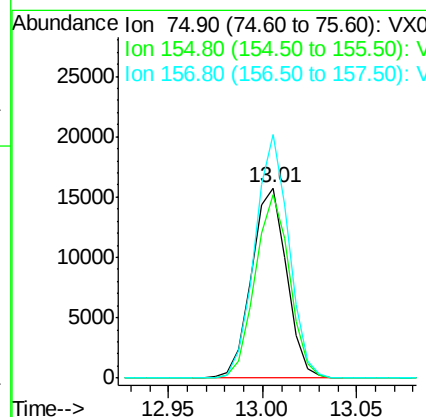
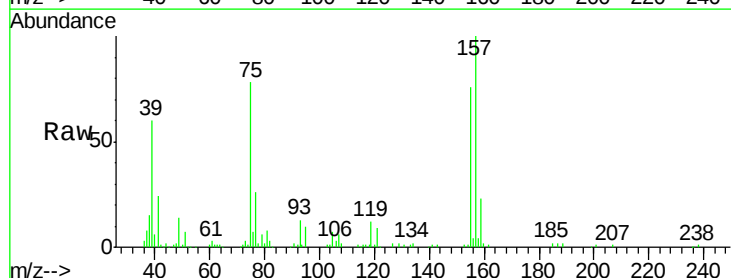
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

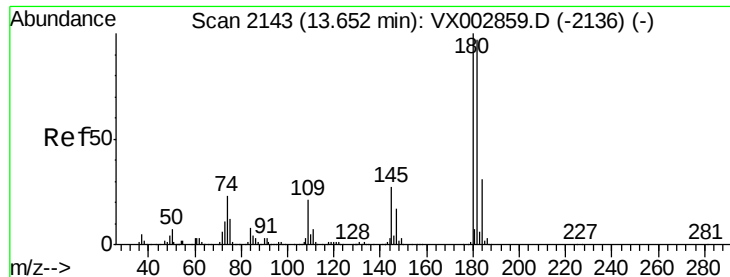
Tot Ion:146 Resp: 154608
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.1
 148 63.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.86 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Tgt Ion: 75 Resp: 20321
 Ion Ratio Lower Upper
 75 100
 155 94.8 45.8 137.4
 157 123.4 60.1 180.3

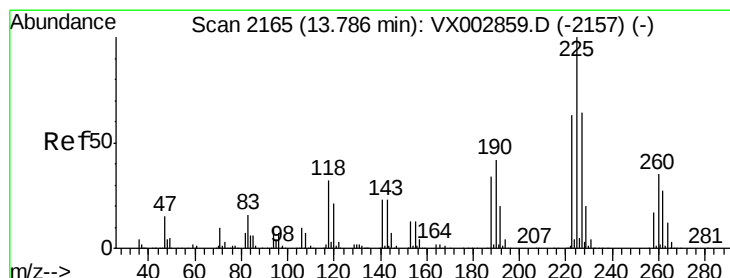
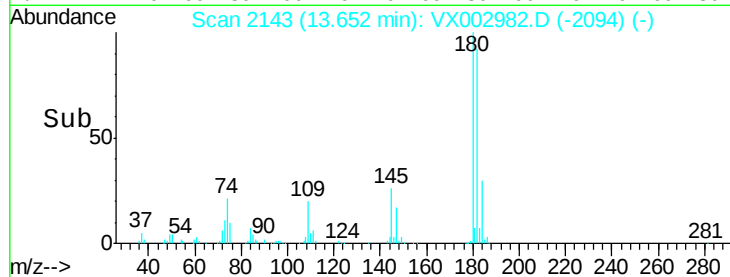
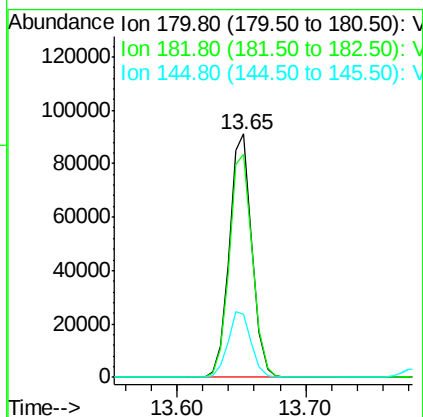
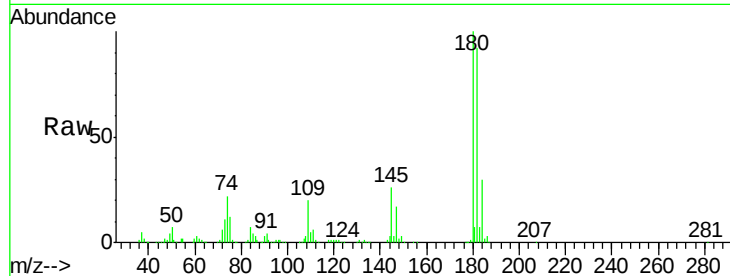




#93
 1,2,4-Trichlorobenzene
 Concen: 17.84 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

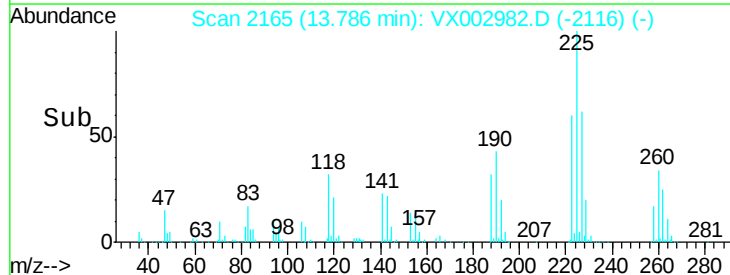
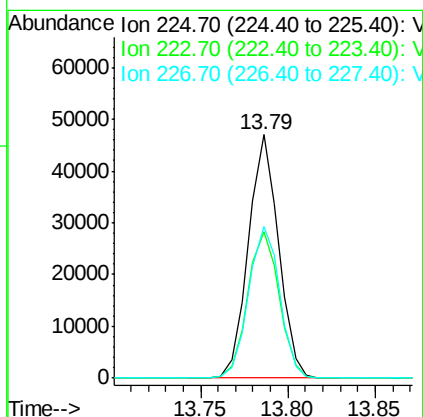
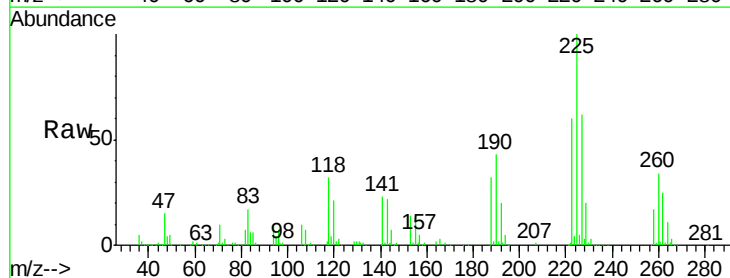
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

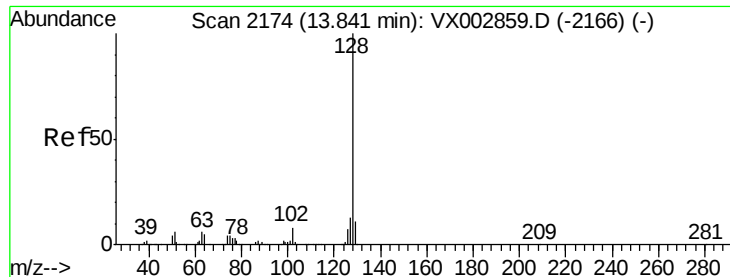
Tot Ion:180 Resp: 112019
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.7 143.1
 145 27.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 17.93 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002982.D
 Acq: 28 Jun 2018 13:54

Tgt Ion:225 Resp: 56145
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 95.0
 227 64.4 32.4 97.2





#95

Naphthalene

Concen: 18.54 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

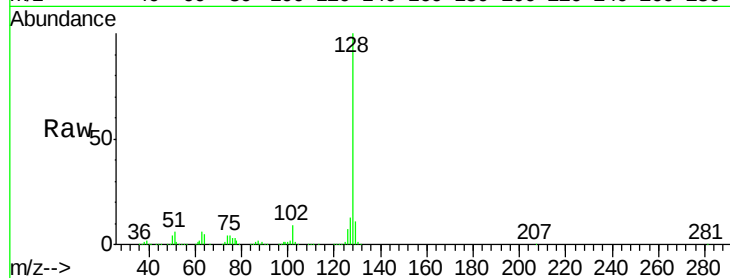
Tot Ion:128 Resp: 309984

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

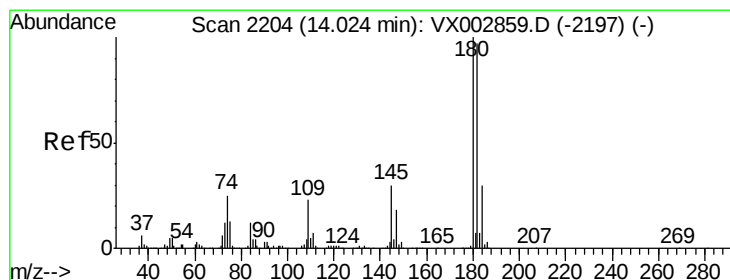
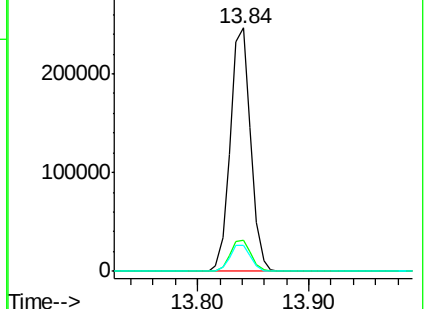
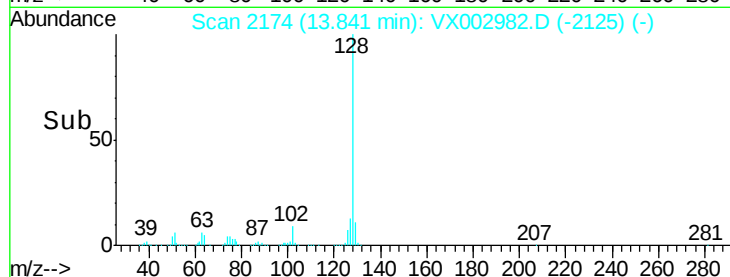
129 10.9 8.6 13.0



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: 18.20 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

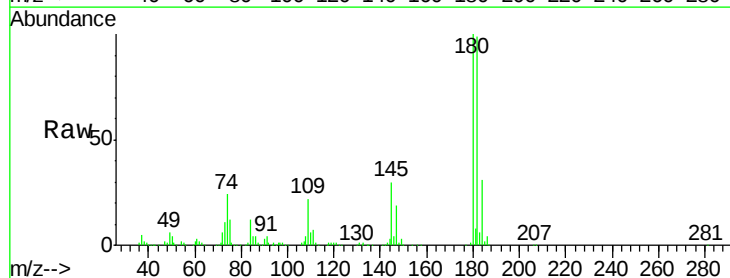
Tgt Ion:180 Resp: 114111

Ion Ratio Lower Upper

180 100

182 97.4 48.0 144.0

145 30.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

