

Data File : VX001963.D

Acq On : 25 May 2018 02:06

Operator : JC/MD

Sample : VX0525WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Quant Time: May 25 02:28:15 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri May 25 02:17:15 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	67763	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	371625	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	333539	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	156227	29.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.67%
60) 4-Bromofluorobenzene	11.14	95	168625	29.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.43%
63) Toluene-d8	8.72	98	453448	30.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.67%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71950	20.00	ug/l	100
3) Chloromethane	1.32	50	88659	20.72	ug/l	98
4) Vinyl Chloride	1.40	62	85698	20.13	ug/l	99
5) Bromomethane	1.64	94	59478	24.94	ug/l	99
6) Chloroethane	1.73	64	52168	20.71	ug/l	99
7) Trichlorofluoromethane	1.93	101	133866	20.62	ug/l	99
8) Diethyl Ether	2.20	74	49384	20.21	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71925	20.57	ug/l	99
10) 1,1-Dichloroethene	2.37	96	69662	20.66	ug/l	99
11) Methyl Iodide	2.51	142	88624	16.73	ug/l	99
12) Methyl Acetate	2.79	43	112488	20.58	ug/l	95
13) Acrolein	2.30	56	43439	93.37	ug/l	99
14) Acrylonitrile	3.16	53	232176	103.27	ug/l	99
15) Acetone	2.45	58	62146	103.69	ug/l	99
16) Carbon Disulfide	2.57	76	196210	20.38	ug/l	99
17) Allyl chloride	2.73	41	142783	20.52	ug/l	99
18) Methylene Chloride	2.86	84	77654	20.49	ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	74199	20.82	ug/l	98
20) Diisopropyl ether	3.88	45	274688	20.67	ug/l	99
21) 1,1-Dichloroethane	3.70	63	145801	20.62	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	86171	20.28	ug/l	91
23) tert-Butyl Alcohol	3.09	59	122562	105.10	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	271298	20.62	ug/l	99
25) Chloroform	5.22	83	151941	20.43	ug/l	97
26) Cyclohexane	5.58	56	132099	20.30	ug/l	# 100
29) 1,1-Dichloropropene	5.81	75	107313	20.64	ug/l	100
30) 2-Butanone	4.72	43	380424	104.90	ug/l	100
31) 2,2-Dichloropropane	4.59	77	78727	17.23	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	140682	20.72	ug/l	99
33) Carbon Tetrachloride	5.79	117	126557	20.51	ug/l	93
34) Benzene	6.15	78	326186	20.78	ug/l	99
35) Methacrylonitrile	5.07	41	82467	20.53	ug/l	98
36) 1,2-Dichloroethane	6.21	62	129836	21.23	ug/l	100
37) Trichloroethene	7.22	130	91591	20.56	ug/l	94
38) Methylcyclohexane	7.46	83	122769	20.24	ug/l	98
39) 1,2-Dichloropropane	7.52	63	87821	20.69	ug/l	98
40) Dibromomethane	7.67	93	58706	20.61	ug/l	97

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ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Quant Time: May 25 02:28:15 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri May 25 02:17:15 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	121833	20.62	ug/l	98
42) Vinyl Acetate	3.83	43	1215882	105.97	ug/l	100
43) Ethyl Acetate	4.87	43	151191	21.24	ug/l	99
44) Isopropyl Acetate	6.48	43	248824	21.02	ug/l	100
45) 1,4-Dioxane	7.76	88	47707	423.64	ug/l #	90
46) Methyl methacrylate	7.79	41	123592	20.62	ug/l	99
47) n-amyl Acetate	10.90	43	220877	20.28	ug/l #	91
48) t-1,3-Dichloropropene	8.45	75	133418	20.09	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	127848	19.89	ug/l	98
50) 1,1,2-Trichloroethane	9.22	97	85272	20.86	ug/l	97
51) Ethyl methacrylate	9.19	69	147031	20.76	ug/l	97
52) 1,3-Dichloropropane	9.38	76	142343	20.64	ug/l	99
53) Dibromochloromethane	9.59	129	100759	20.17	ug/l	99
54) 1,2-Dibromoethane	9.68	107	90452	20.43	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	332540	100.03	ug/l	99
56) Bromoform	10.87	173	85305	19.42	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	769367	106.00	ug/l	100
59) 2-Hexanone	9.51	43	592646	105.22	ug/l	99
61) Tetrachloroethene	9.34	164	104563	20.55	ug/l	97
62) Toluene	8.79	91	354522	20.81	ug/l	98
64) Chlorobenzene	10.15	112	225175	20.43	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	92375	20.59	ug/l	99
66) Ethyl Benzene	10.26	91	397266	20.75	ug/l	96
67) m/p-Xylenes	10.37	106	298041	41.01	ug/l	97
68) o-Xylene	10.71	106	149964	20.60	ug/l	100
69) Styrene	10.72	104	249554	20.42	ug/l	99
70) Isopropylbenzene	11.02	105	397836	20.42	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	126038	20.64	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	159830	27.78	ug/l	89
73) Bromobenzene	11.26	156	107210	20.48	ug/l	98
74) n-propylbenzene	11.37	91	445307	20.47	ug/l	99
75) 2-Chlorotoluene	11.43	91	278059	20.73	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	338319	20.42	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	39394	18.90	ug/l	97
78) 4-Chlorotoluene	11.52	91	310294	20.34	ug/l	99
79) tert-butylbenzene	12.07	119	351308	20.22	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	342821	20.47	ug/l	99
81) sec-Butylbenzene	11.95	105	398571	20.52	ug/l	100
82) p-Isopropyltoluene	12.07	119	351308	20.22	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	183597	19.80	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	181935	19.71	ug/l	99
85) n-Butylbenzene	12.40	91	286518	19.67	ug/l	99
86) Hexachloroethane	12.60	117	68432	19.80	ug/l	98
87) 1,2-Dichlorobenzene	12.40	146	191850	20.08	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	36189	20.34	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	131936	19.45	ug/l	100
90) Hexachlorobutadiene	13.79	225	71589	19.84	ug/l	99
91) Naphthalene	13.84	128	433947	20.27	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	142503	20.11	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Quantitation Report (Not Reviewed)

Data File : VX001963.D
Acq On : 25 May 2018 02:06
Operator : JC/MD
Sample : VX0525WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Quant Time: May 25 02:28:15 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX001963.D

Acq On : 25 May 2018 02:06

Operator : JC/MD

Sample : VX0525WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 32 Sample Multiplier: 1

Instrument :

MSVOA_X

Client Sample ID :

VX0525WBS01

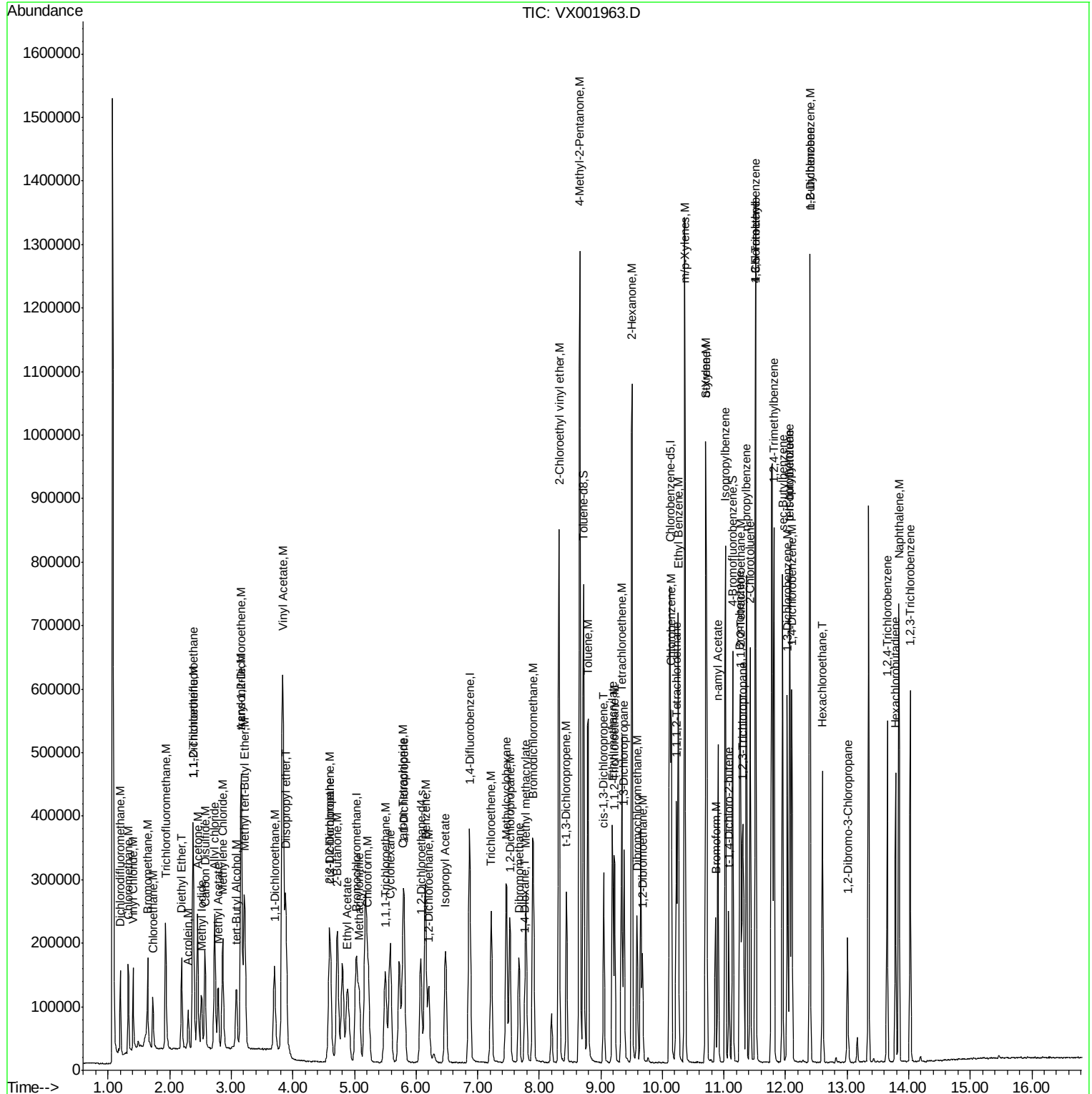
Quant Time: May 25 02:28:15 2018

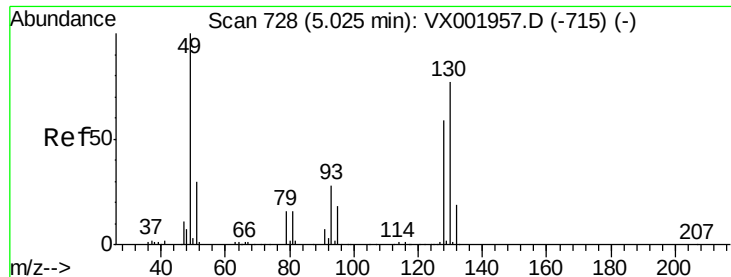
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri May 25 02:17:15 2018

Response via : Initial Calibration

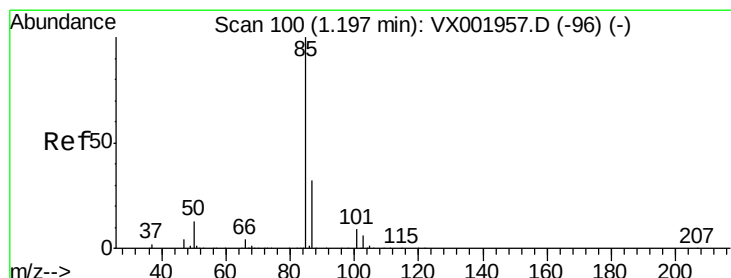
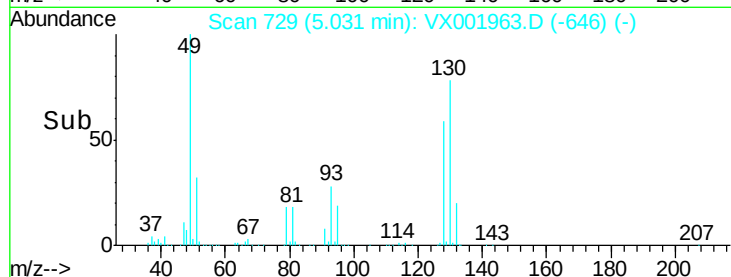
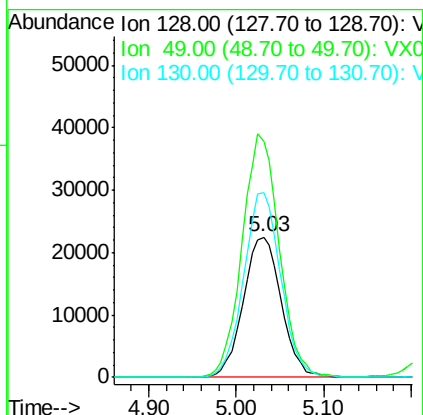
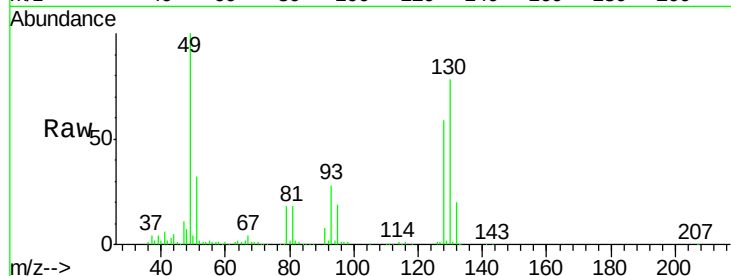




#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

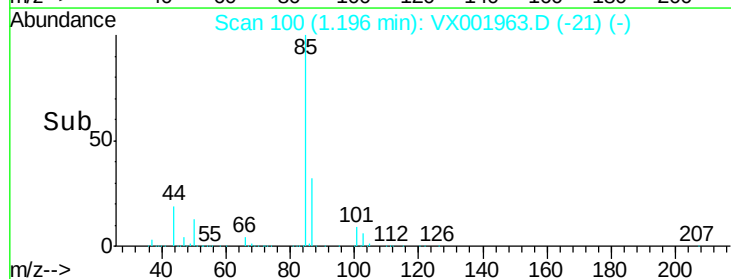
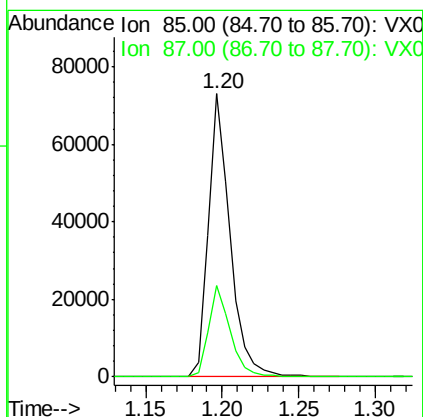
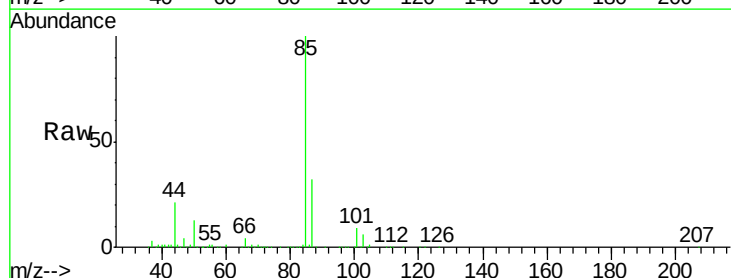
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

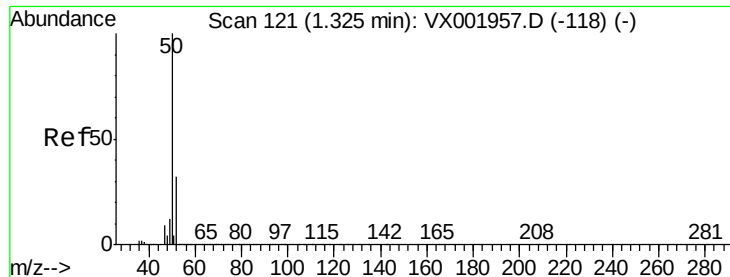
Tgt Ion:128 Resp: 67763
 Ion Ratio Lower Upper
 128 100
 49 169.8 0.0 423.0
 130 128.6 0.0 324.3



#2
 Dichlorodifluoromethane
 Concen: 20.00 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Tgt Ion: 85 Resp: 71950
 Ion Ratio Lower Upper
 85 100
 87 32.2 16.2 48.5





#3

Chloromethane

Concen: 20.72 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

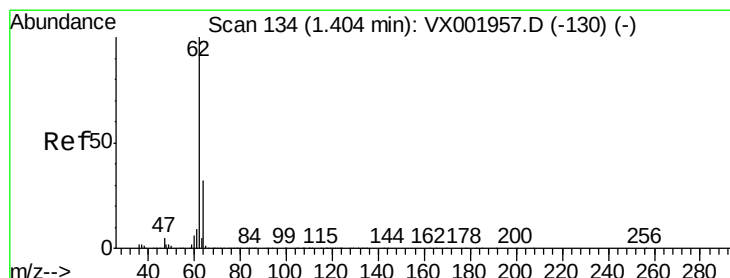
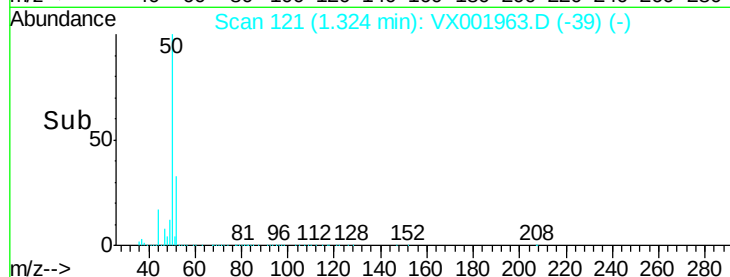
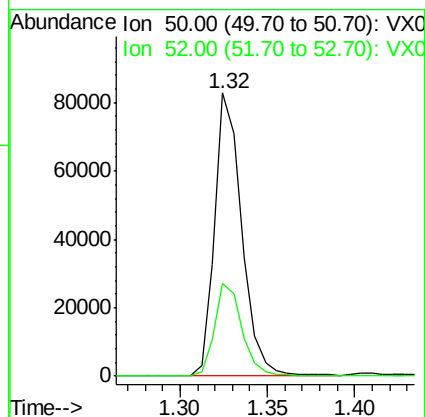
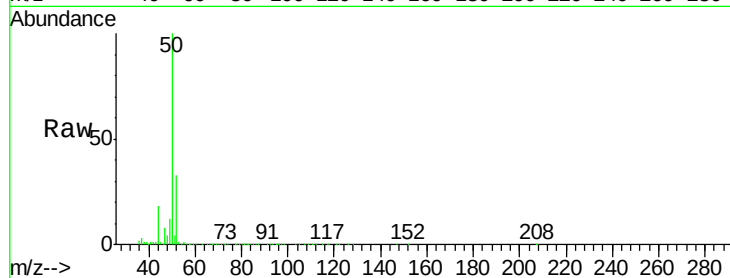
VX0525WBS01

Tgt Ion: 50 Resp: 88659

Ion Ratio Lower Upper

50 100

52 32.9 25.6 38.4



#4

Vinyl Chloride

Concen: 20.13 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001963.D

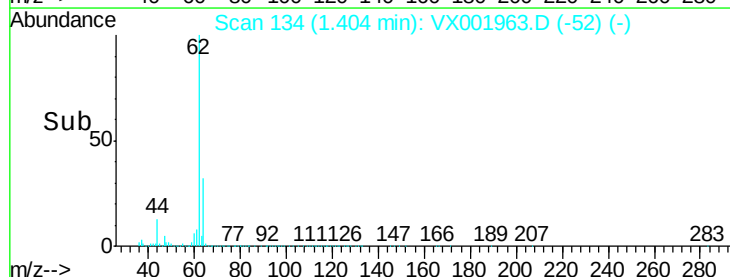
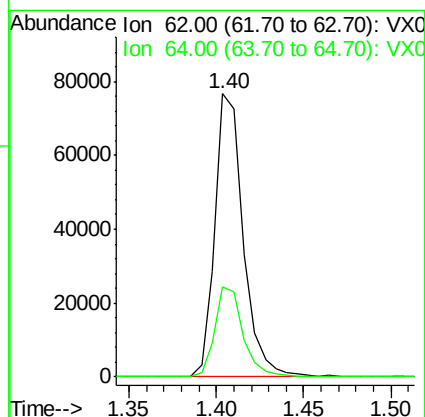
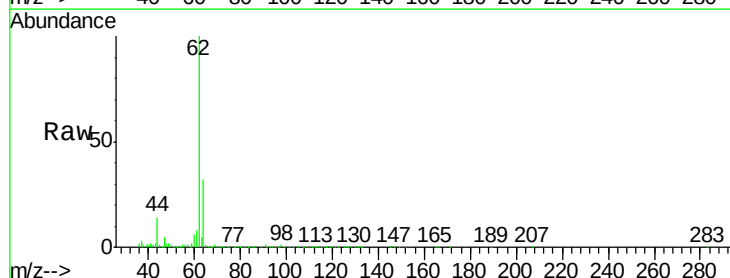
Acq: 25 May 2018 02:06

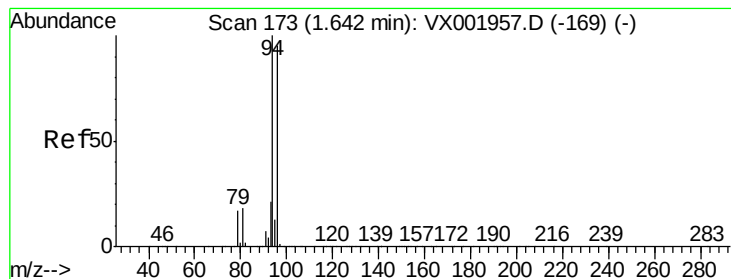
Tgt Ion: 62 Resp: 85698

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 24.94 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

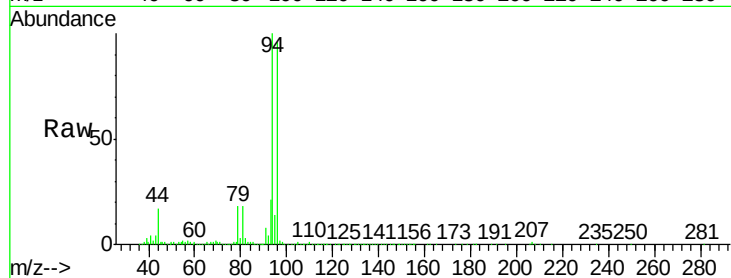
VX0525WBS01

Tgt Ion: 94 Resp: 59478

Ion Ratio Lower Upper

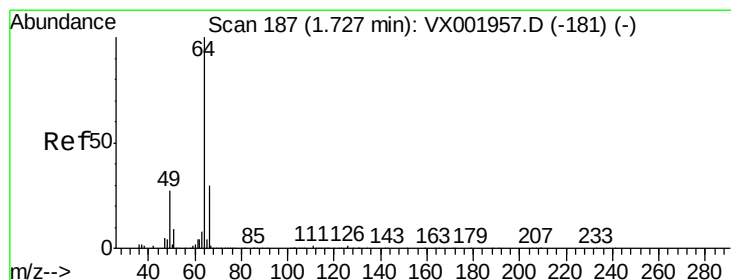
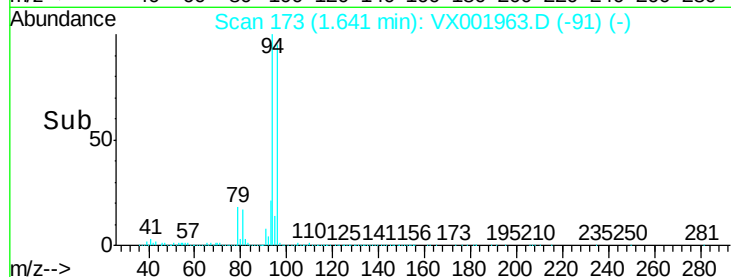
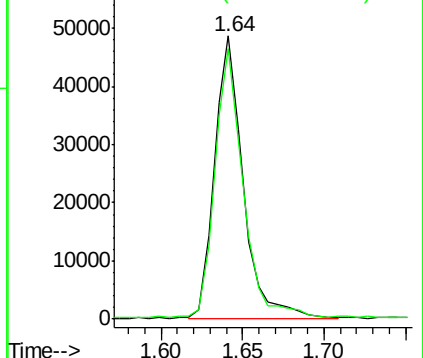
94 100

96 95.2 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.71 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX001963.D

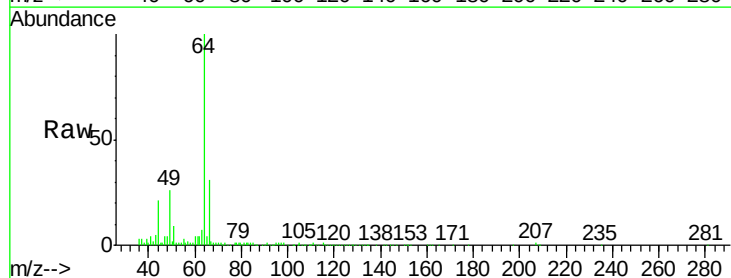
Acq: 25 May 2018 02:06

Tgt Ion: 64 Resp: 52168

Ion Ratio Lower Upper

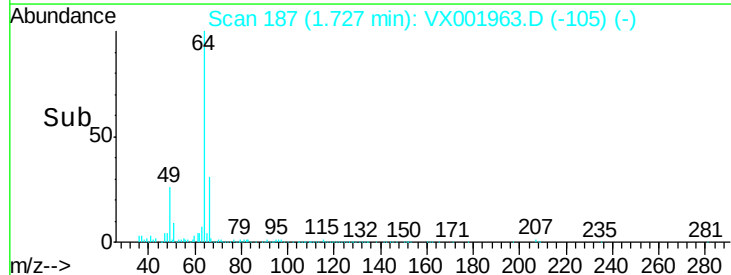
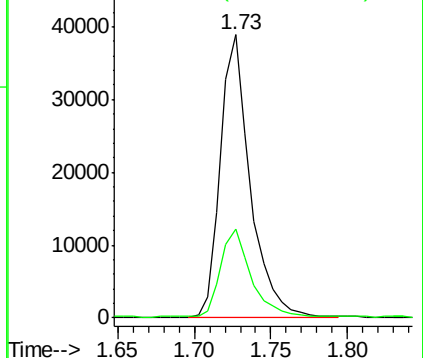
64 100

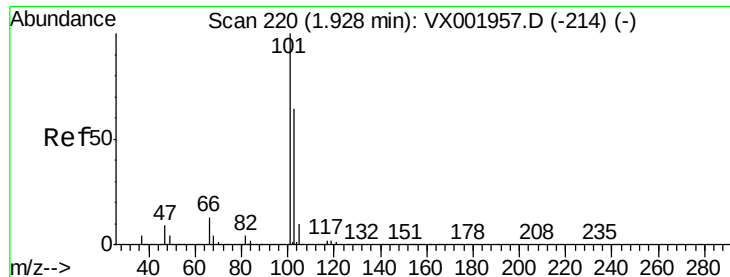
66 31.1 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



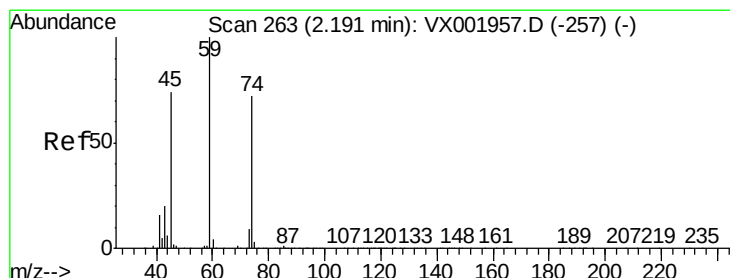
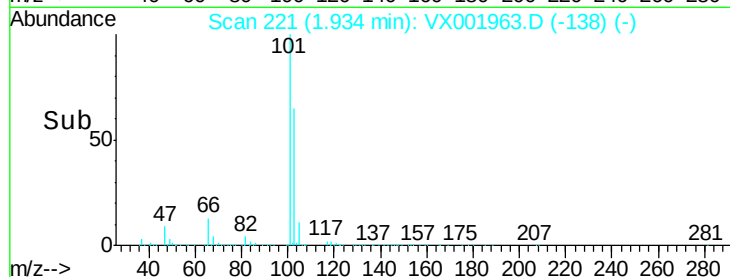
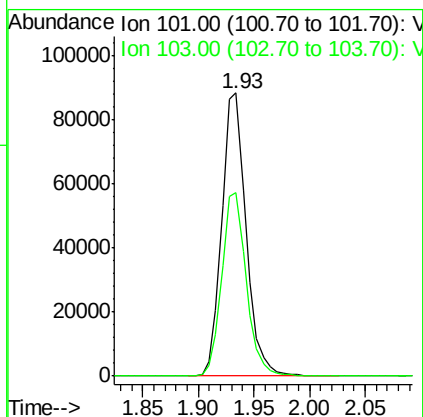
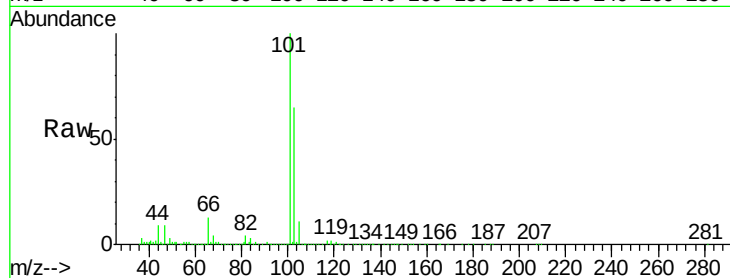


#7

Trichlorofluoromethane
 Concen: 20.62 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

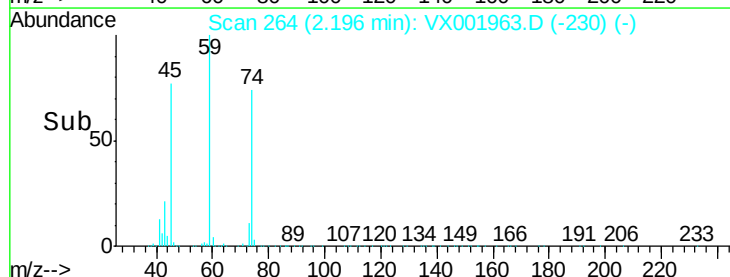
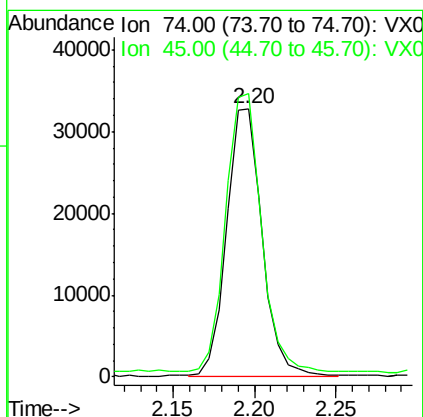
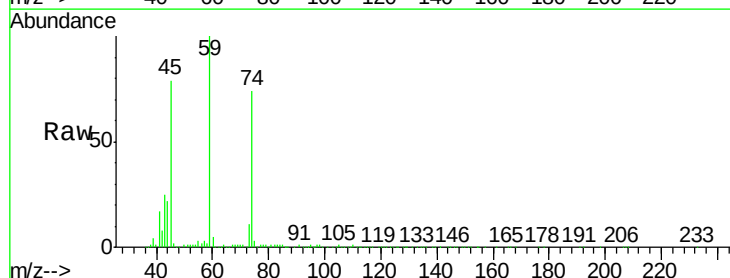
Tgt Ion: 101 Resp: 133866
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.5 77.3

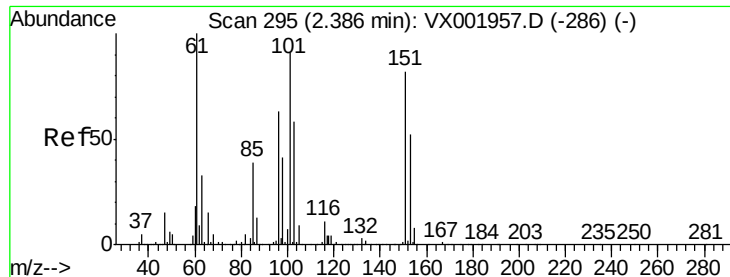


#8

Diethyl Ether
 Concen: 20.21 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.01 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Tgt Ion: 74 Resp: 49384
 Ion Ratio Lower Upper
 74 100
 45 105.2 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.57 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

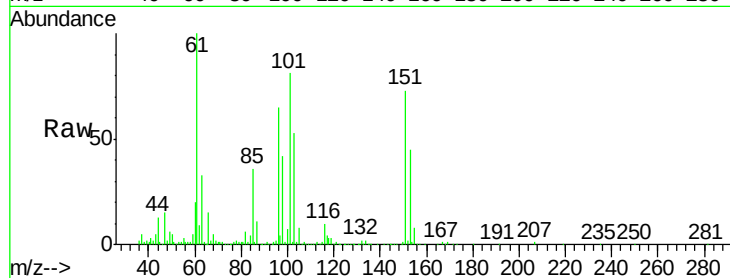
Tgt Ion: 101 Resp: 71925

Ion Ratio Lower Upper

101 100

85 43.6 0.0 87.0

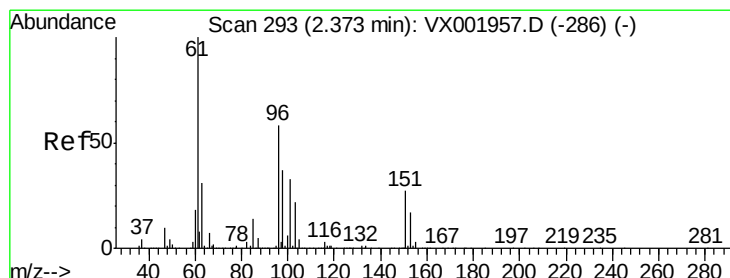
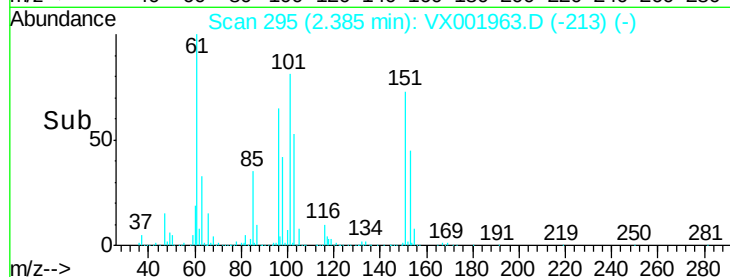
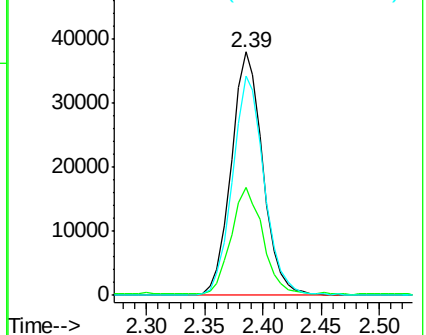
151 90.4 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.66 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

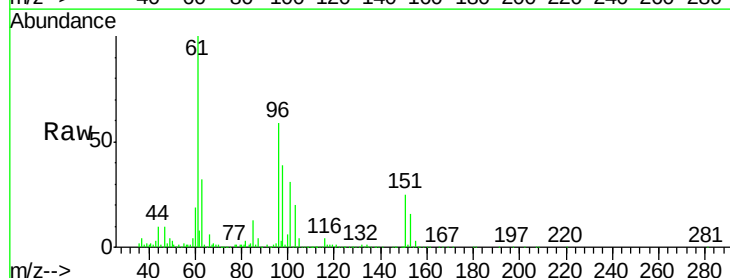
Tgt Ion: 96 Resp: 69662

Ion Ratio Lower Upper

96 100

61 170.8 137.5 206.3

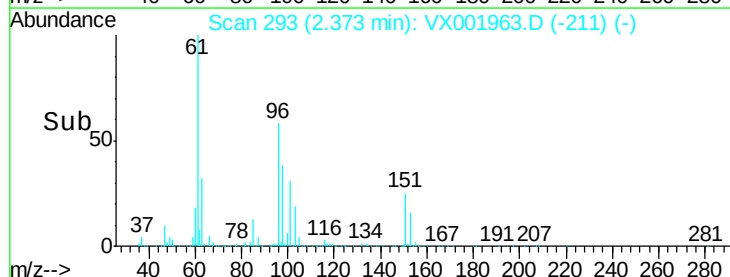
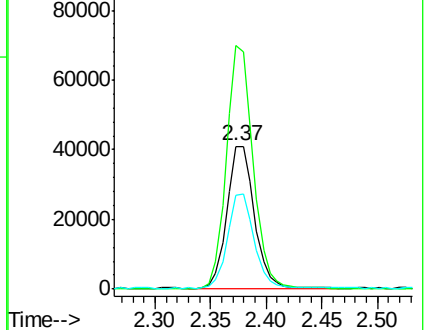
98 65.3 51.4 77.2

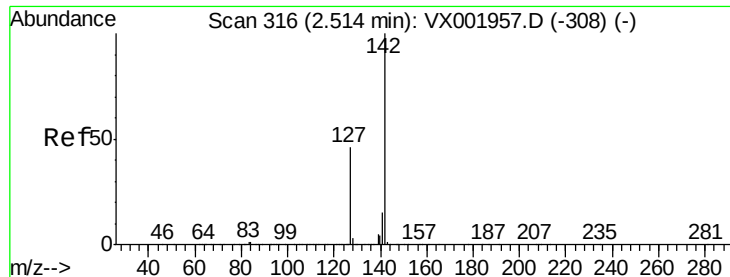


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

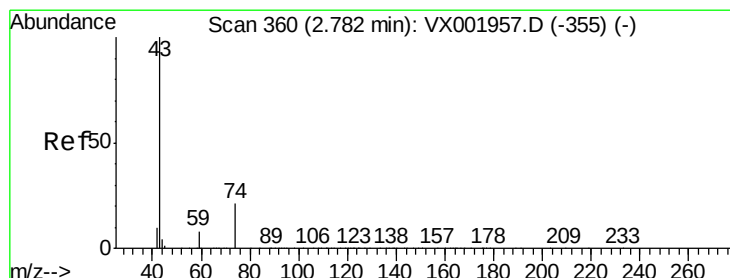
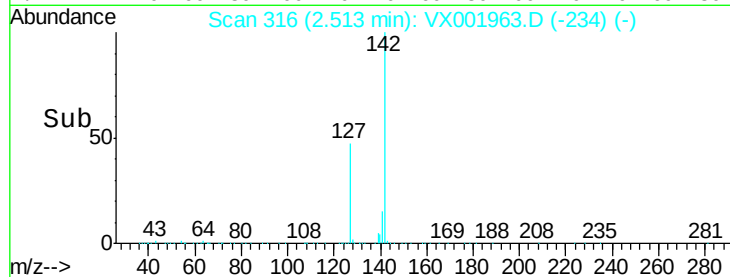
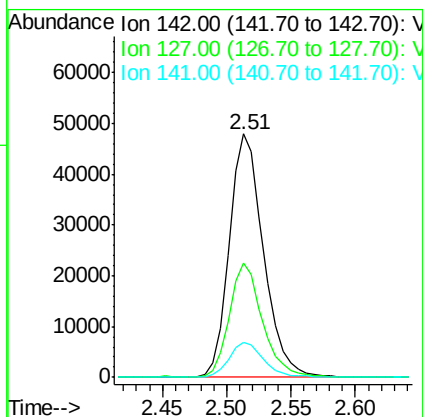
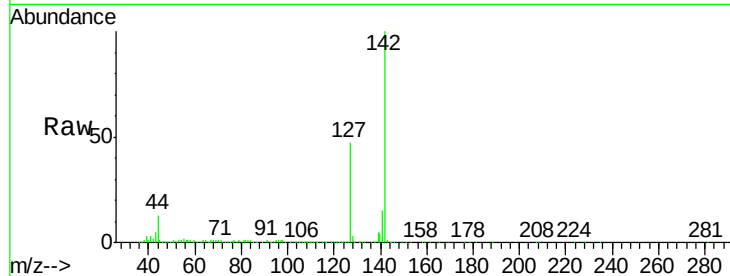




#11
Methyl Iodide
Concen: 16.73 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

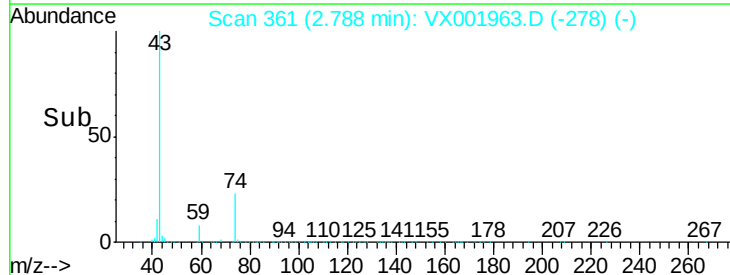
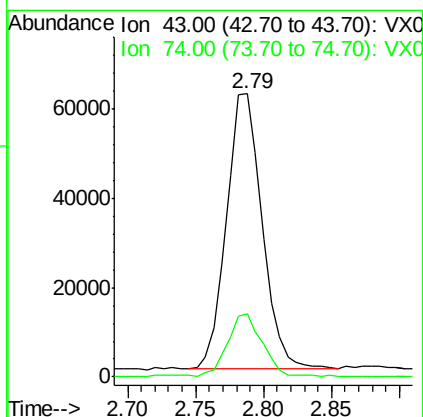
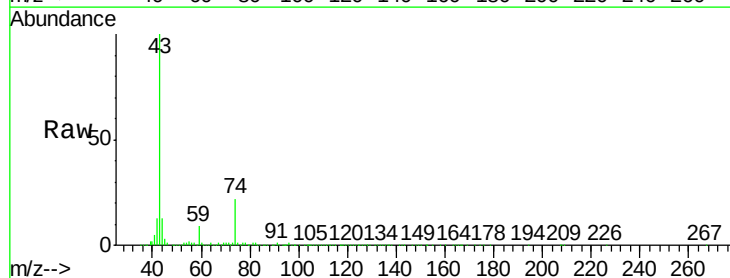
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

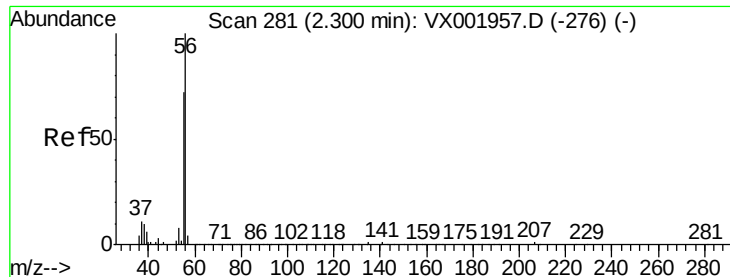
Tgt Ion:142 Resp: 88624
Ion Ratio Lower Upper
142 100
127 46.9 23.2 69.6
141 14.3 7.4 22.2



#12
Methyl Acetate
Concen: 20.58 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion: 43 Resp: 112488
Ion Ratio Lower Upper
43 100
74 22.7 16.4 24.6





#13

Acrolein

Concen: 93.37 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

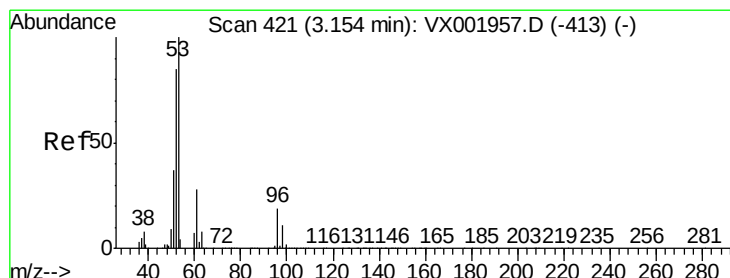
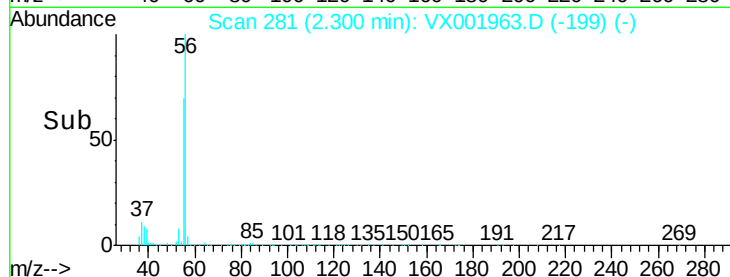
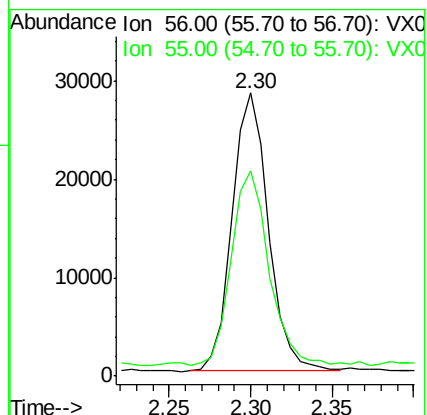
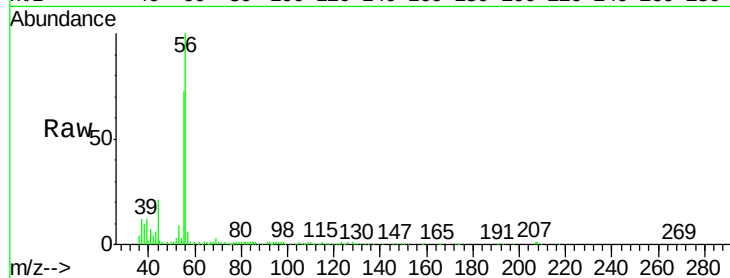
VX0525WBS01

Tgt Ion: 56 Resp: 43439

Ion Ratio Lower Upper

56 100

55 72.3 57.3 85.9



#14

Acrylonitrile

Concen: 103.27 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

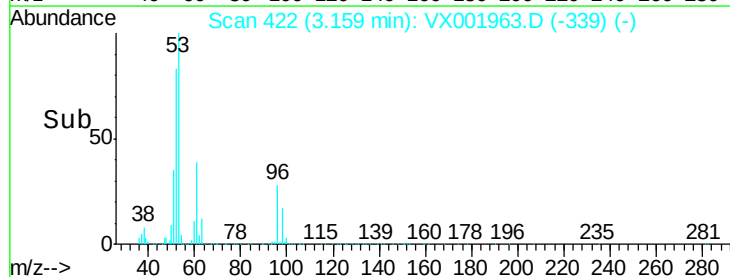
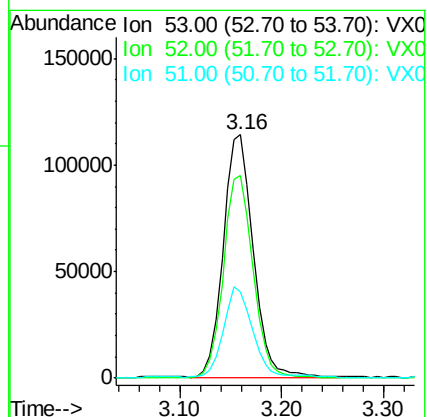
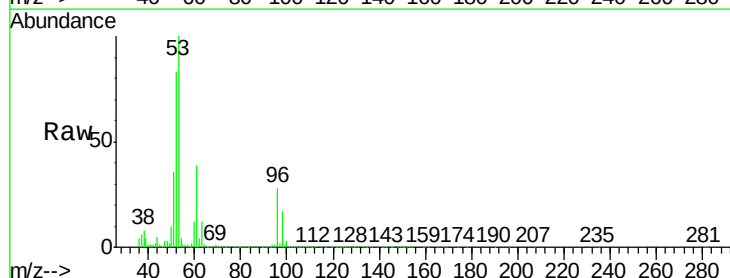
Tgt Ion: 53 Resp: 232176

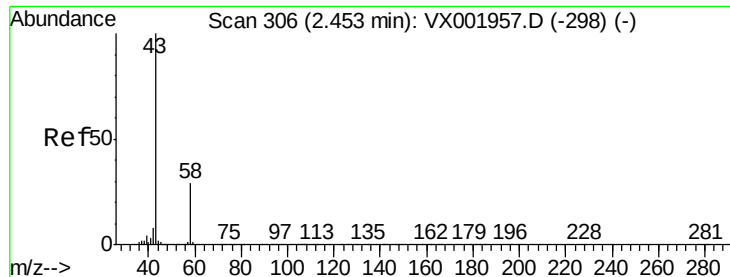
Ion Ratio Lower Upper

53 100

52 82.6 41.5 124.6

51 36.5 17.9 53.8





#15

Acetone

Concen: 103.69 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

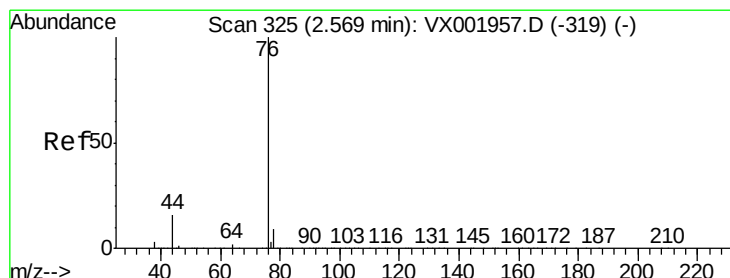
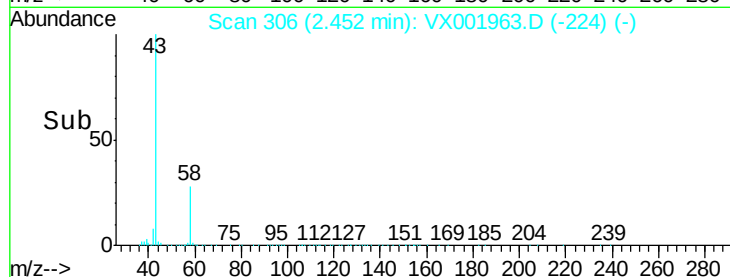
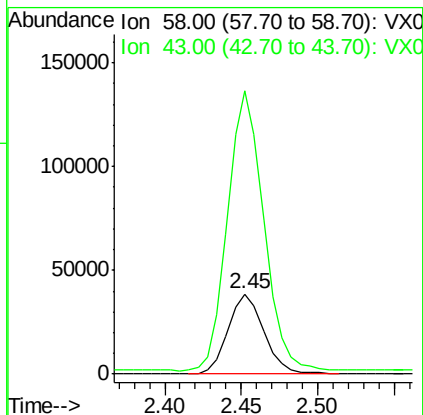
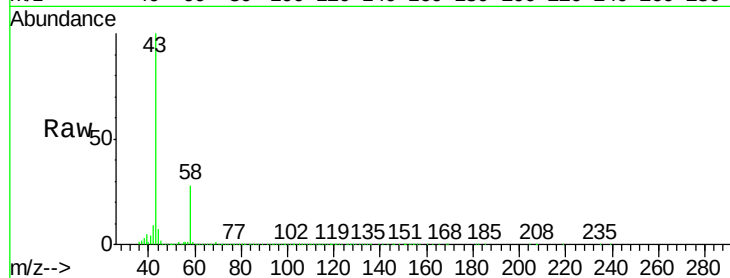
VX0525WBS01

Tgt Ion: 58 Resp: 62146

Ion Ratio Lower Upper

58 100

43 351.6 278.8 418.2



#16

Carbon Disulfide

Concen: 20.38 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001963.D

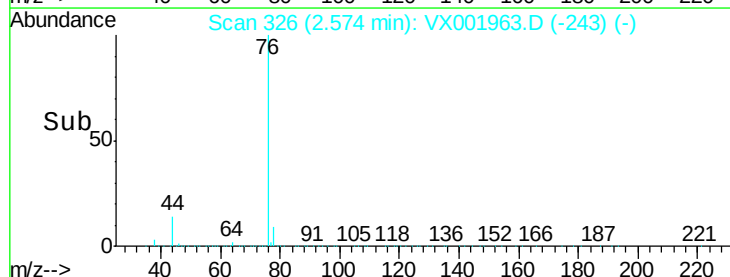
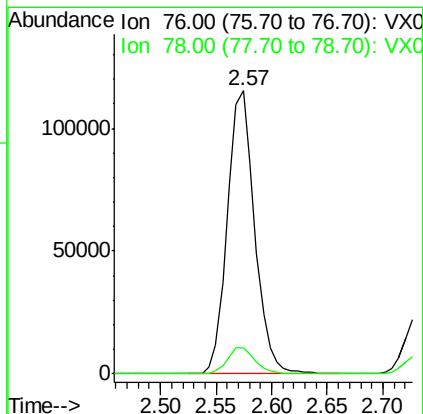
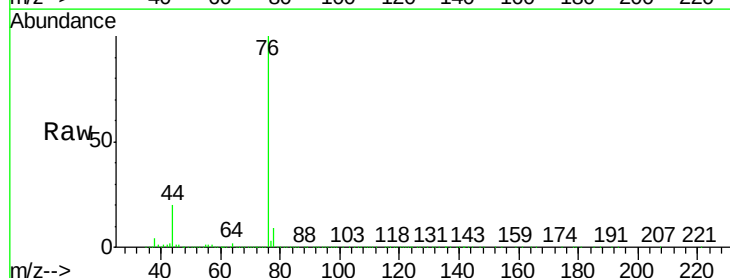
Acq: 25 May 2018 02:06

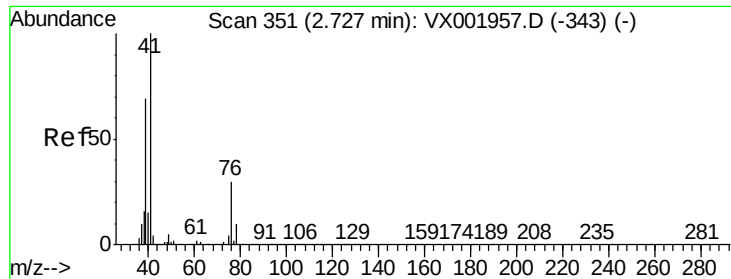
Tgt Ion: 76 Resp: 196210

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

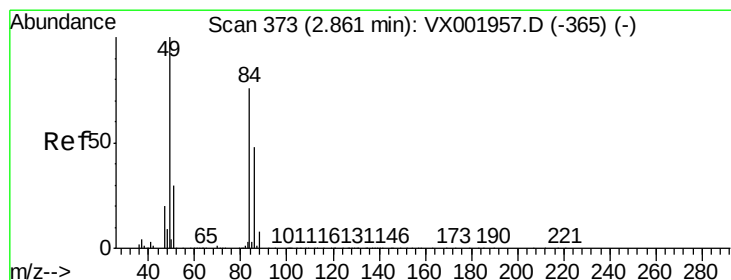
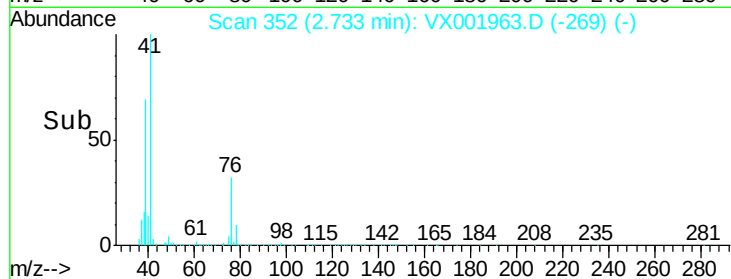
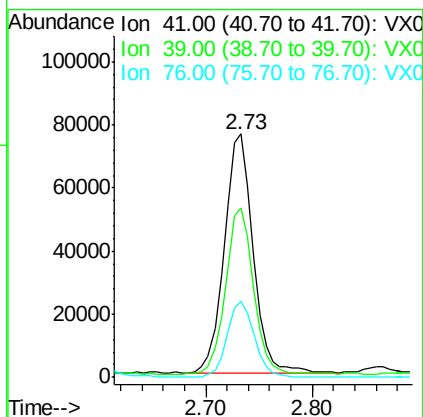
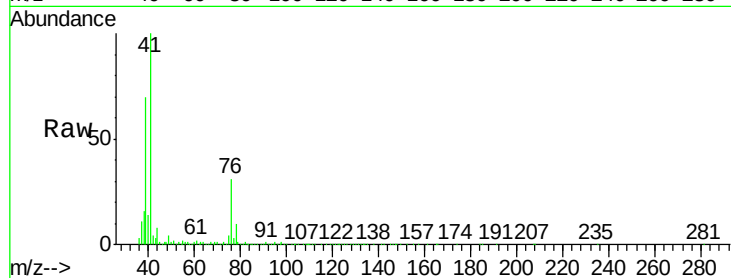




#17
 Allyl chloride
 Concen: 20.52 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

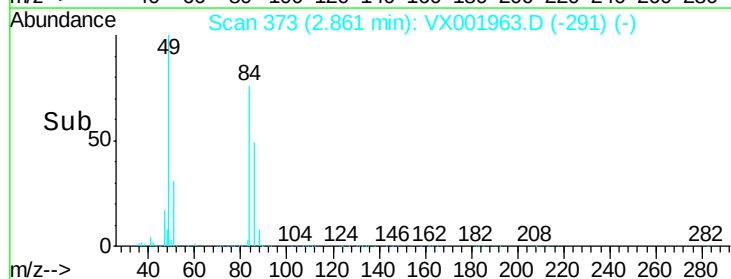
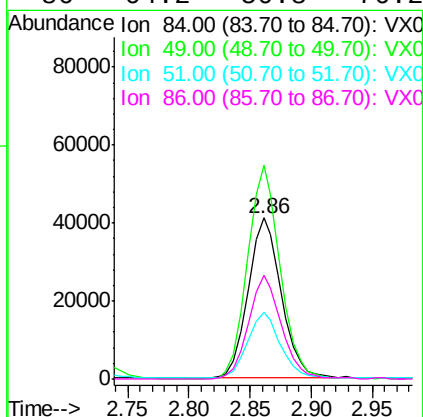
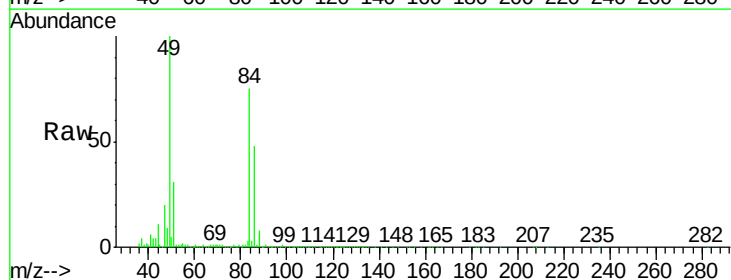
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

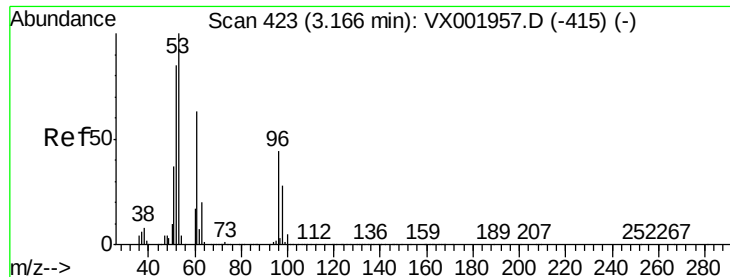
Tgt Ion: 41 Resp: 142783
 Ion Ratio Lower Upper
 41 100
 39 69.4 34.6 103.8
 76 31.6 15.0 45.1



#18
 Methylene Chloride
 Concen: 20.49 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Tgt Ion: 84 Resp: 77654
 Ion Ratio Lower Upper
 84 100
 49 133.2 104.7 157.1
 51 40.3 31.0 46.4
 86 64.2 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 20.82 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

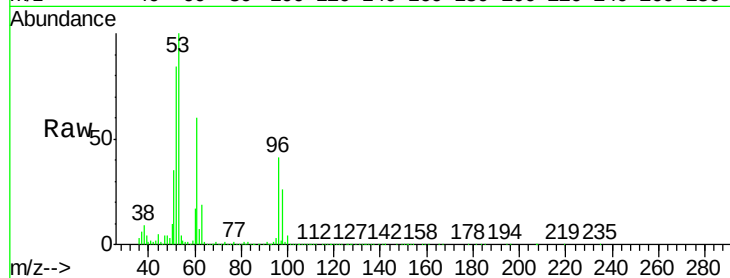
Tgt Ion: 96 Resp: 74199

Ion Ratio Lower Upper

96 100

61 145.1 114.6 172.0

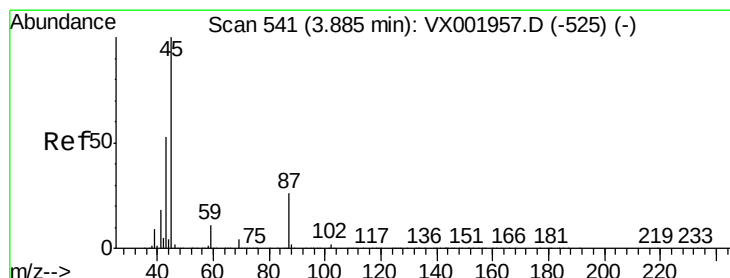
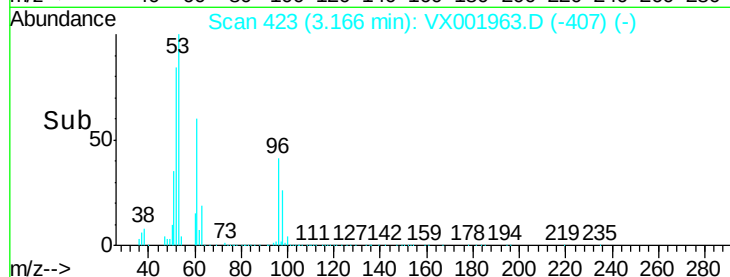
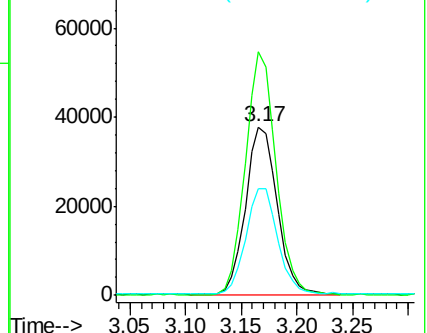
98 62.3 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 20.67 ug/l

RT: 3.88 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Tgt Ion: 45 Resp: 274688

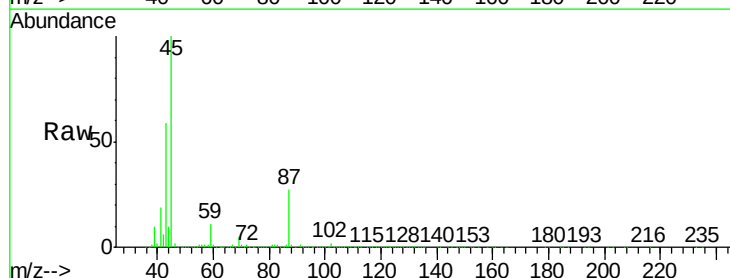
Ion Ratio Lower Upper

45 100

43 57.4 45.6 68.4

87 26.7 20.7 31.1

59 11.1 8.9 13.3

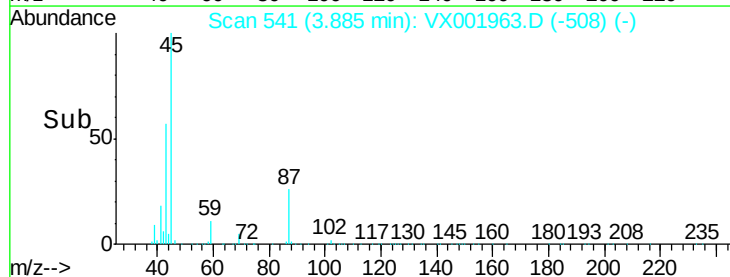
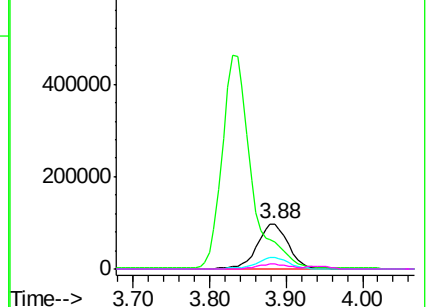


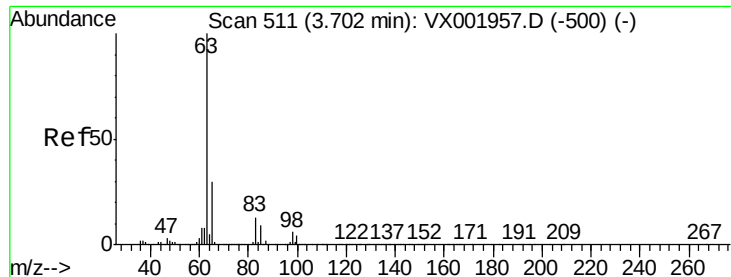
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 20.62 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

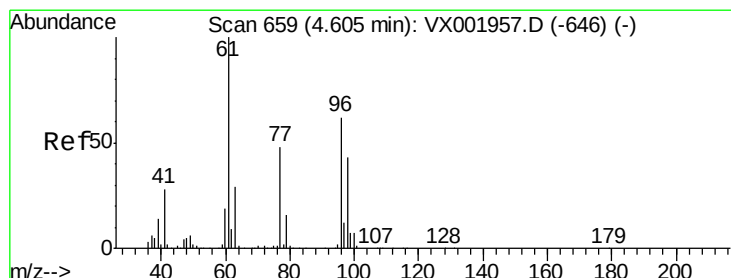
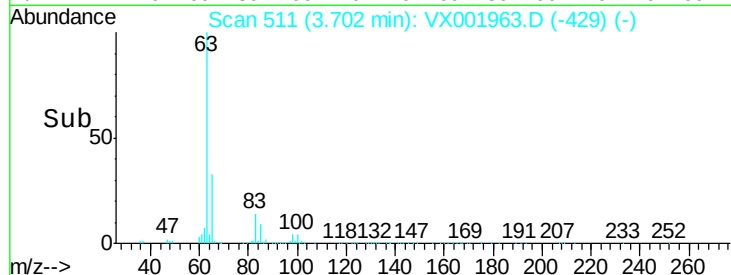
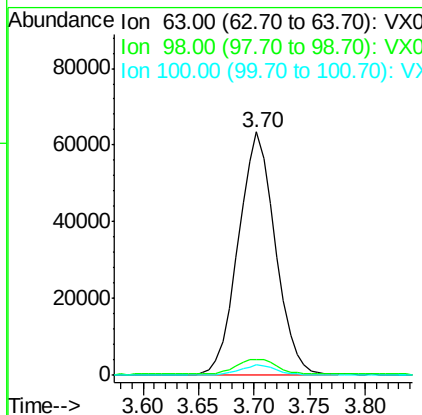
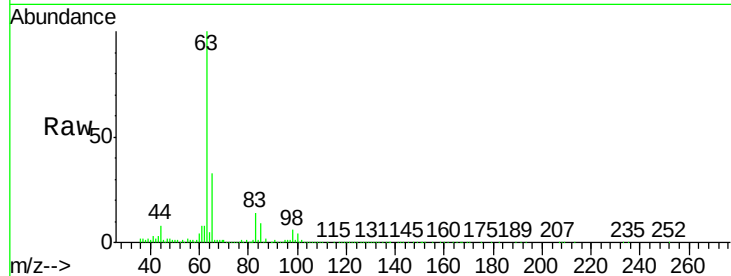
Instrument :

MSVOA_X

ClientSampled :

VX0525WBS01

Tgt Ion:	63	Resp:	145801
Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.1	9.3
100	4.1	2.2	6.6



#22

cis-1,2-Dichloroethene

Concen: 20.28 ug/l

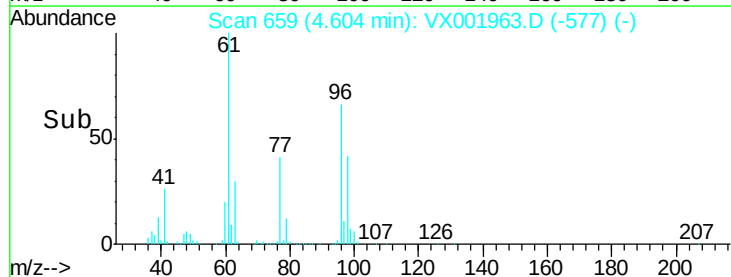
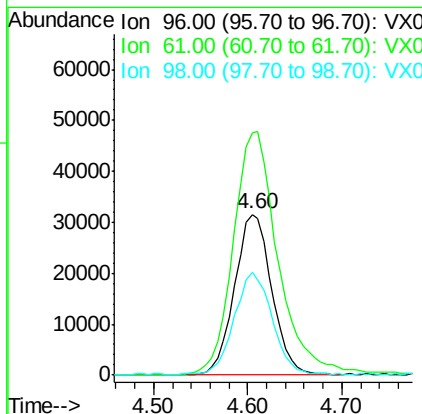
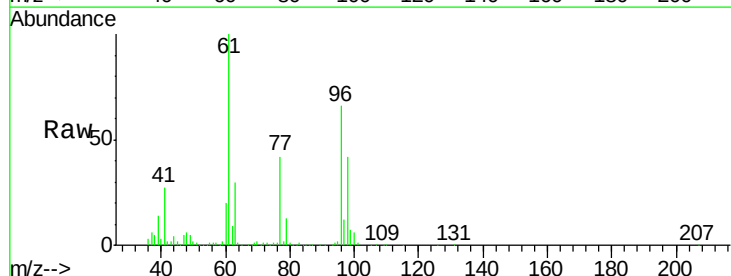
RT: 4.60 min Scan# 659

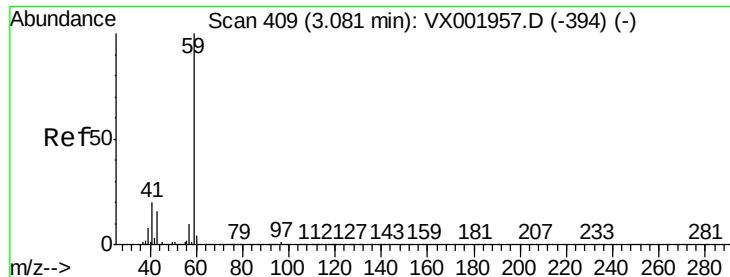
Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Tgt Ion:	96	Resp:	86171
Ion	Ratio	Lower	Upper
96	100		
61	184.9	160.2	240.2
98	64.6	54.1	81.1



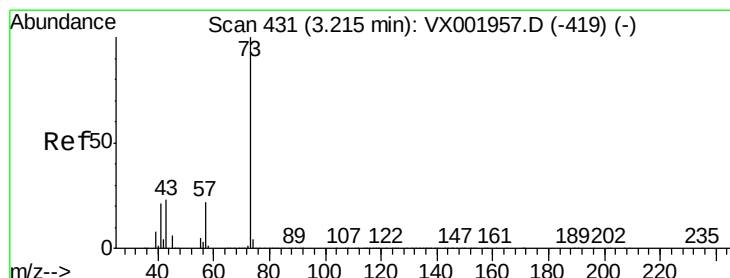
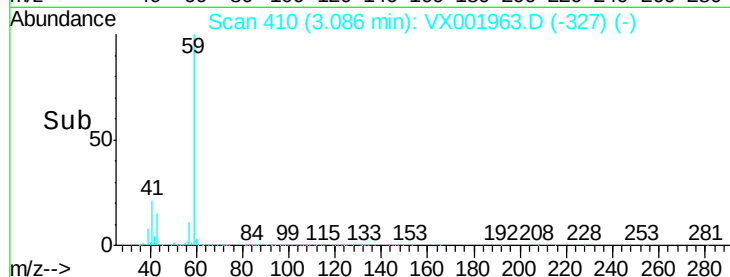
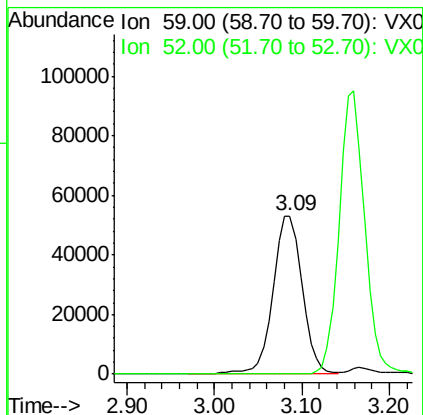
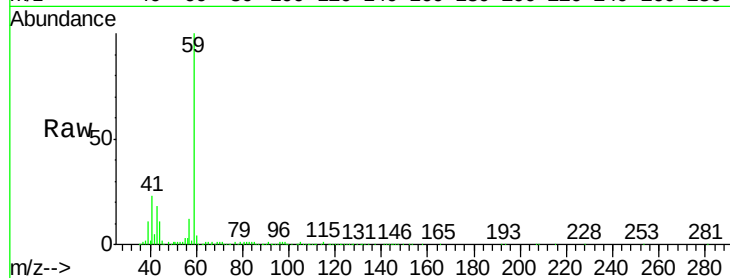


#23

tert-Butyl Alcohol
Concen: 105.10 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

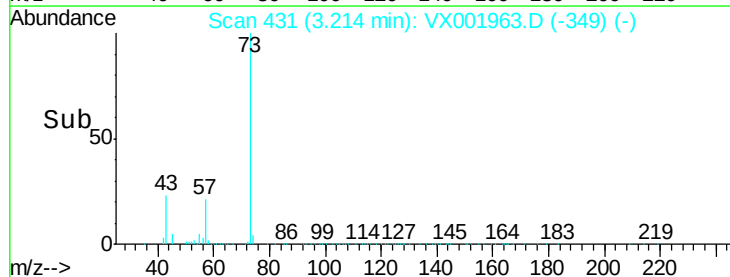
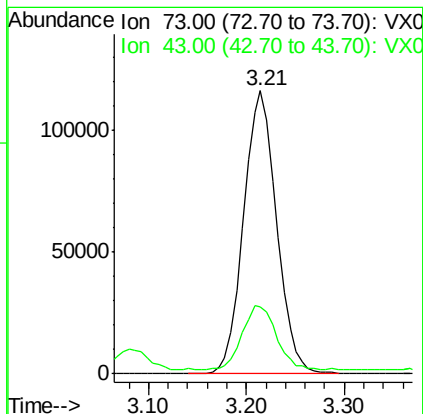
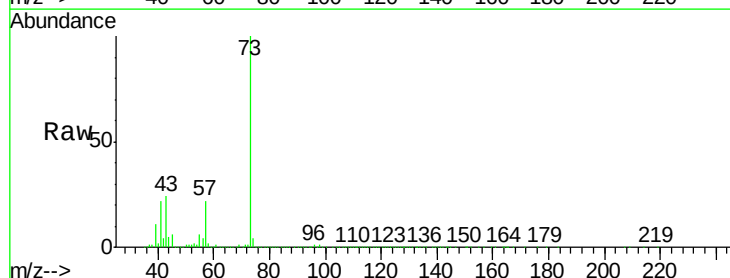
Tgt Ion: 59 Resp: 122562
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2#

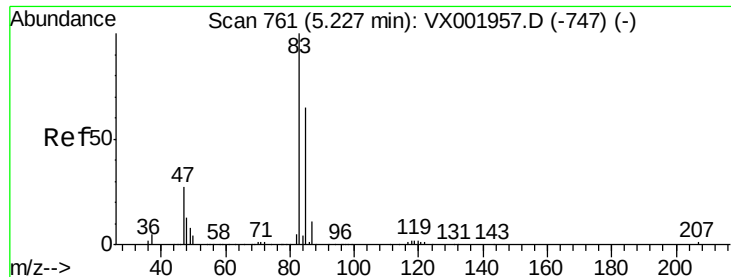


#24

Methyl tert-Butyl Ether
Concen: 20.62 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion: 73 Resp: 271298
Ion Ratio Lower Upper
73 100
43 23.4 19.0 28.4





#25

Chloroform

Concen: 20.43 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

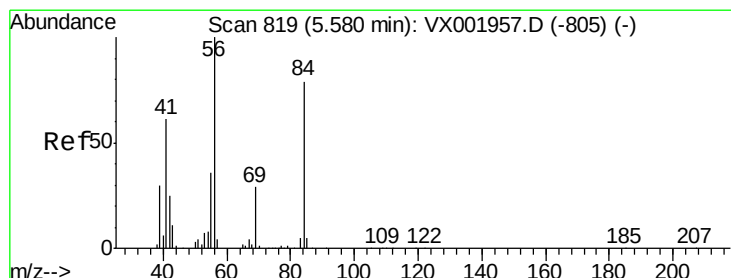
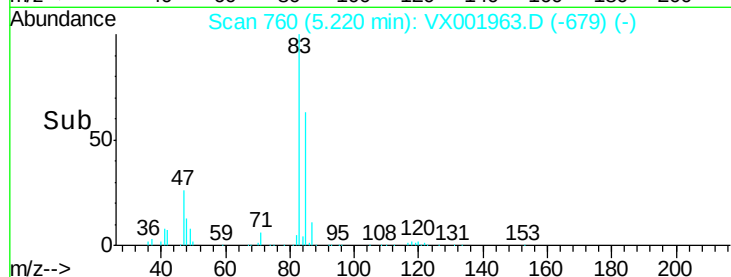
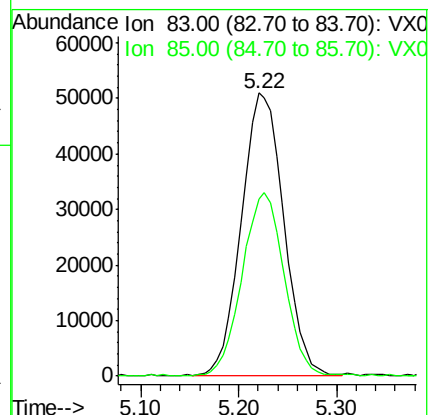
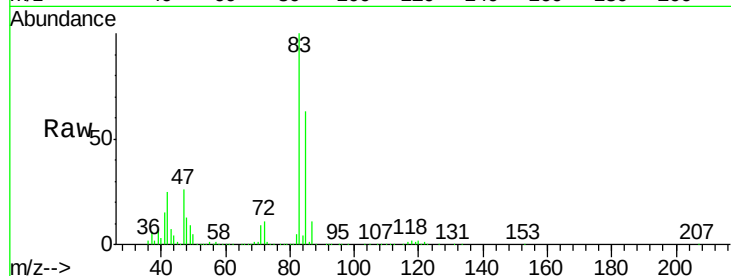
VX0525WBS01

Tgt Ion: 83 Resp: 151941

Ion Ratio Lower Upper

83 100

85 62.5 51.9 77.9



#26

Cyclohexane

Concen: 20.30 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

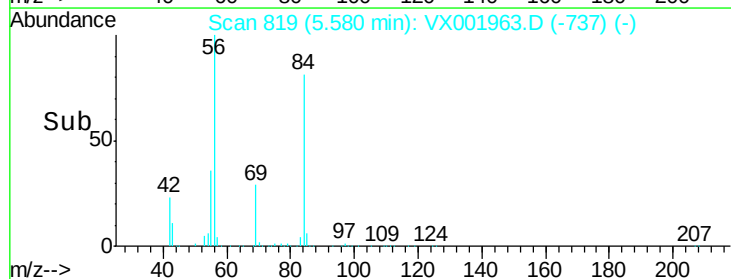
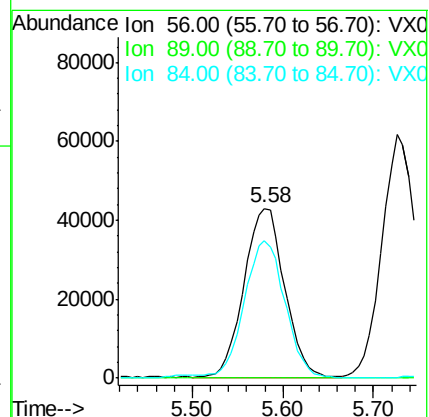
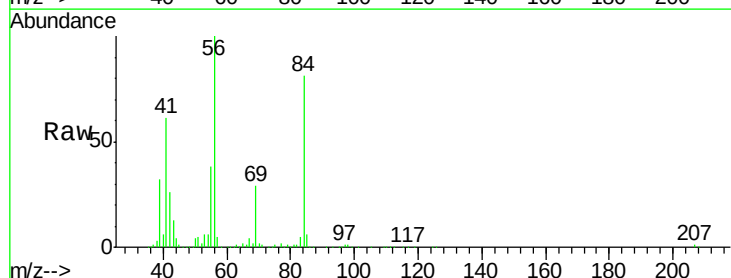
Tgt Ion: 56 Resp: 132099

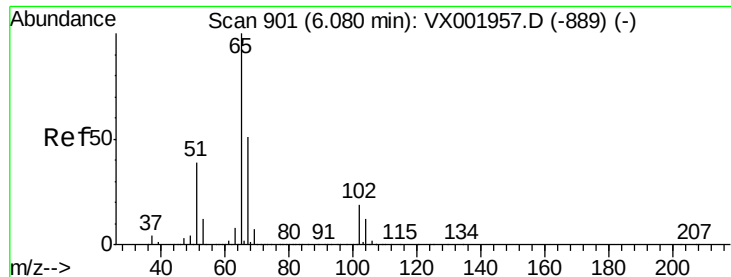
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 81.4 64.9 97.3

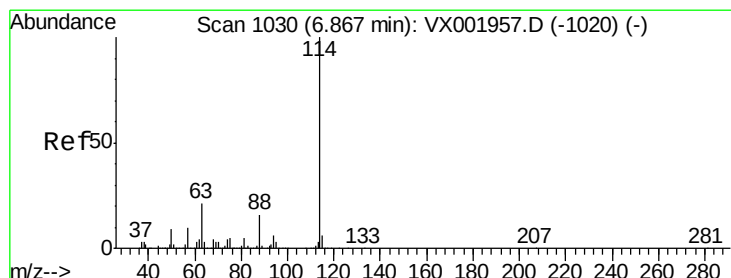
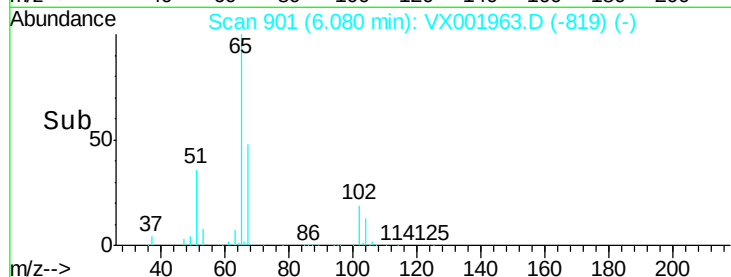
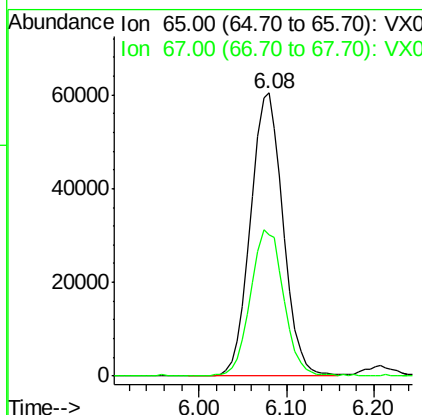
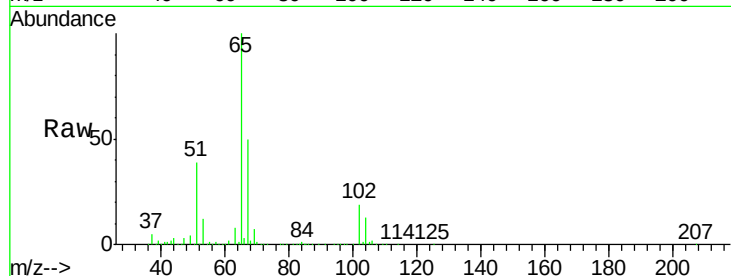




#27
 1,2-Dichloroethane-d4
 Concen: 29.30 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

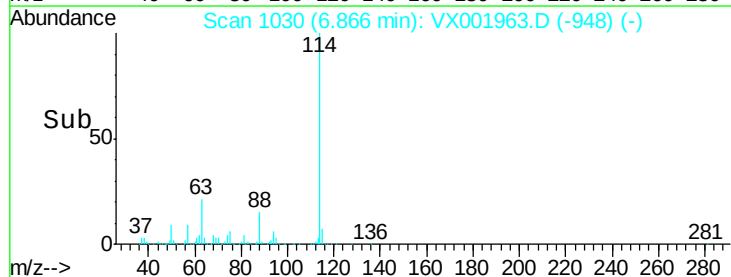
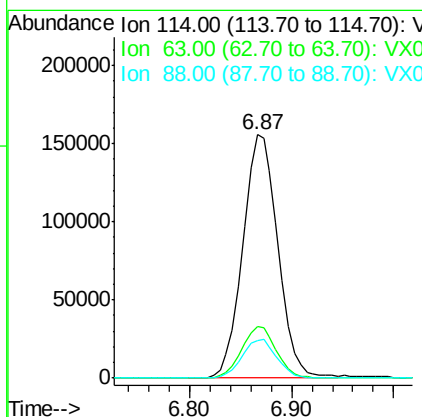
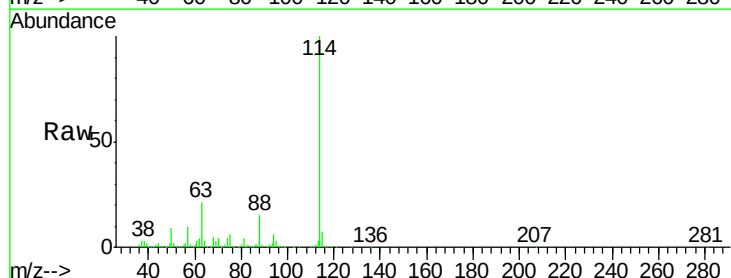
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

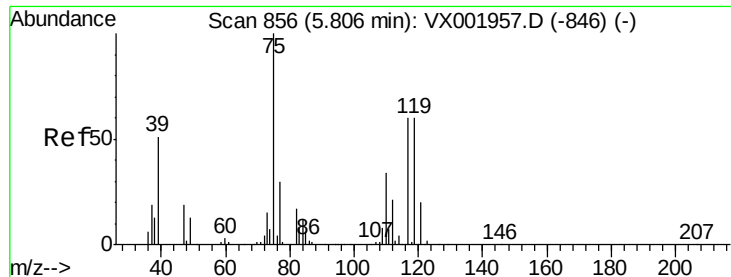
Tgt Ion: 65 Resp: 156227
 Ion Ratio Lower Upper
 65 100
 67 52.2 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Tgt Ion: 114 Resp: 371625
 Ion Ratio Lower Upper
 114 100
 63 21.1 17.1 25.7
 88 15.8 12.6 19.0

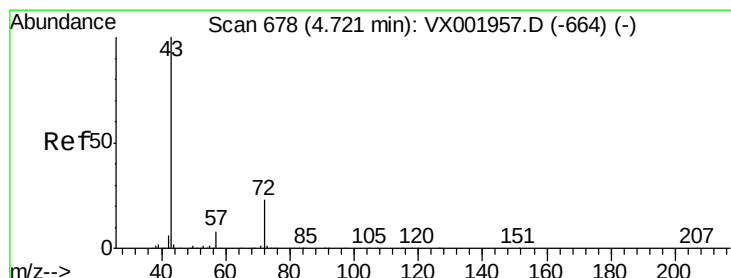
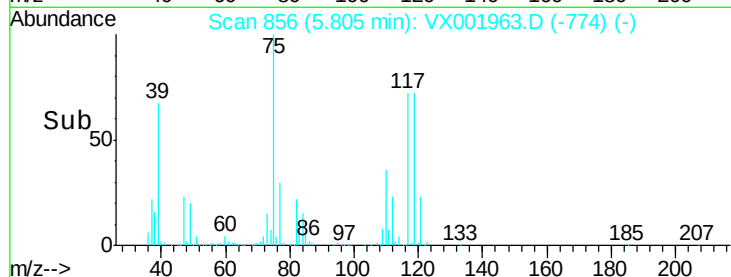
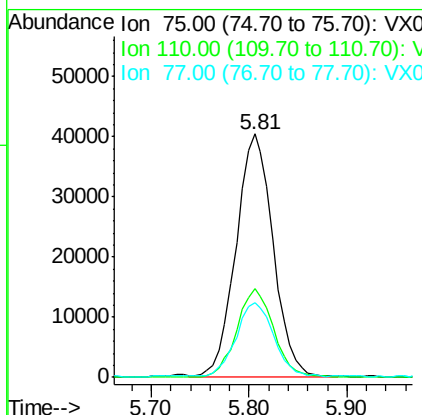
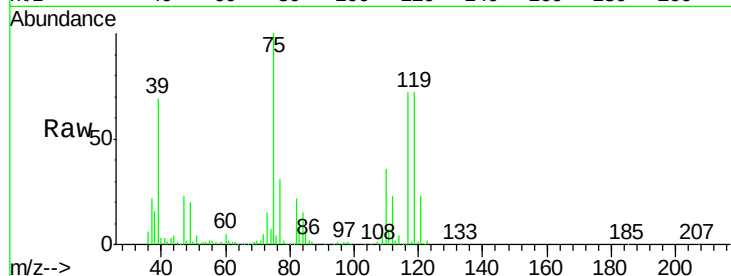




#29
 1,1-Dichloropropene
 Concen: 20.64 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

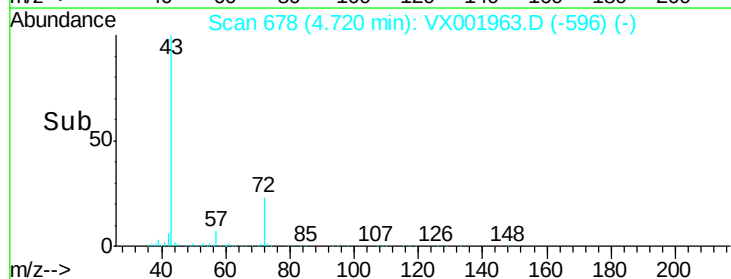
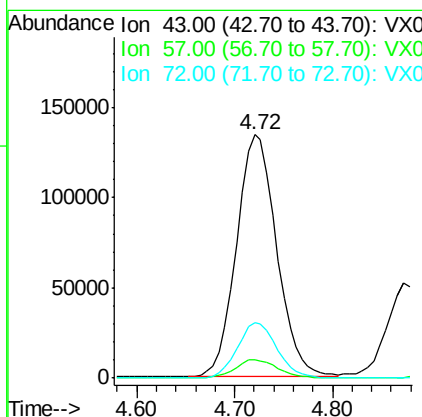
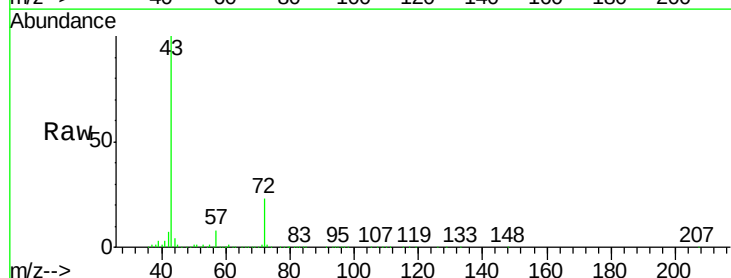
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

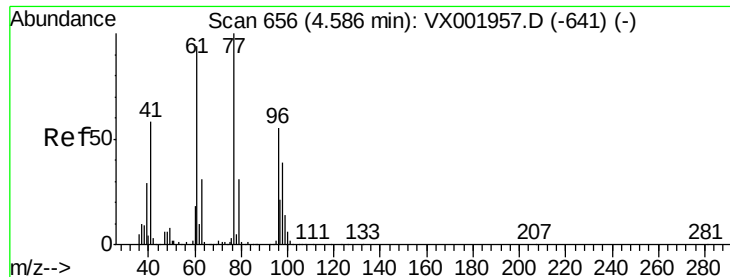
Tgt Ion: 75 Resp: 107313
 Ion Ratio Lower Upper
 75 100
 110 35.9 0.0 71.4
 77 30.4 0.0 60.6



#30
 2-Butanone
 Concen: 104.90 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Tgt Ion: 43 Resp: 380424
 Ion Ratio Lower Upper
 43 100
 57 7.6 6.1 9.1
 72 22.7 18.1 27.1

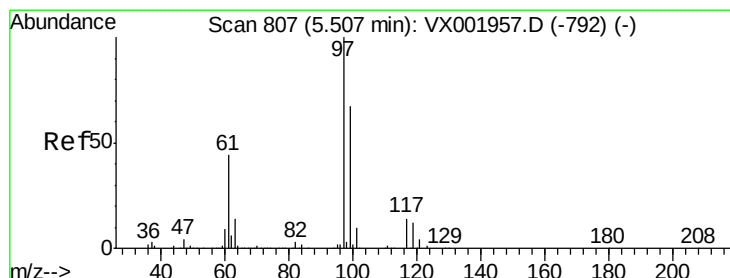
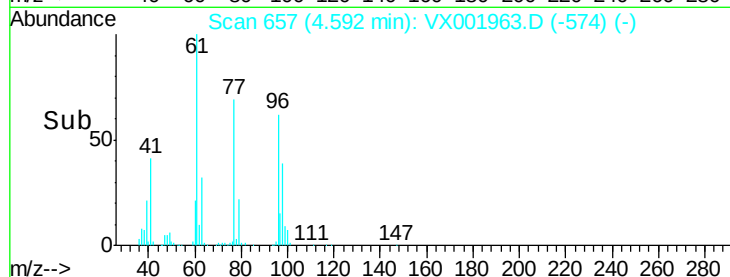
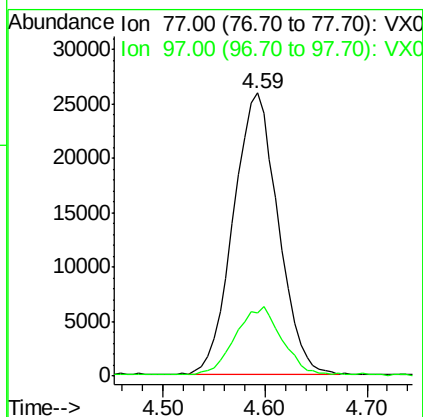
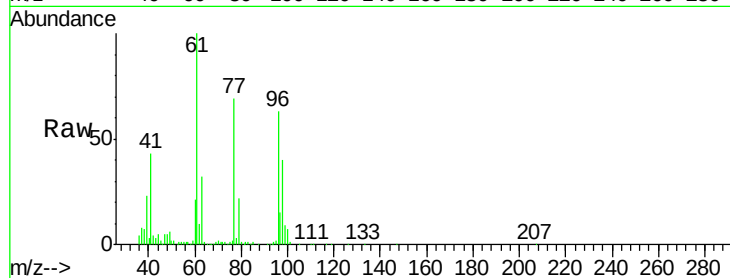




#31
 2,2-Dichloropropane
 Concen: 17.23 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

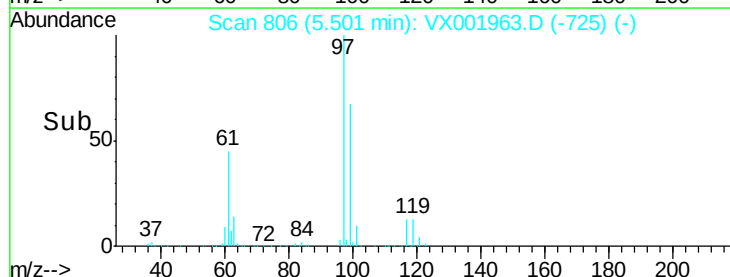
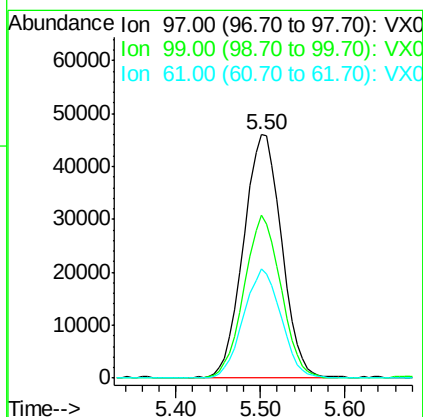
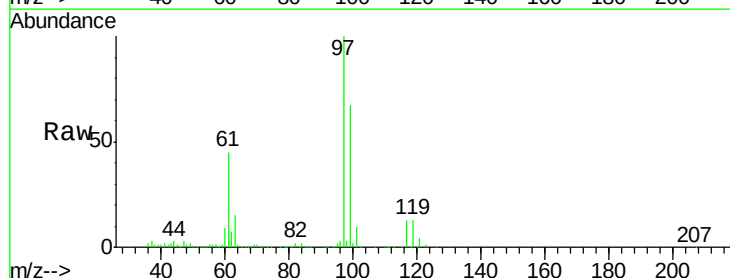
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

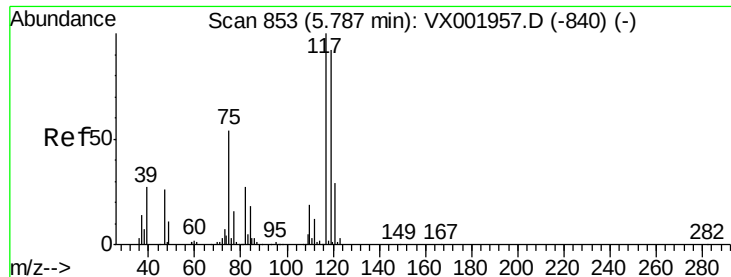
Tgt Ion: 77 Resp: 78727
 Ion Ratio Lower Upper
 77 100
 97 25.2 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 20.72 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Tgt Ion: 97 Resp: 140682
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.7 77.5
 61 44.7 36.4 54.6





#33

Carbon Tetrachloride

Concen: 20.51 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

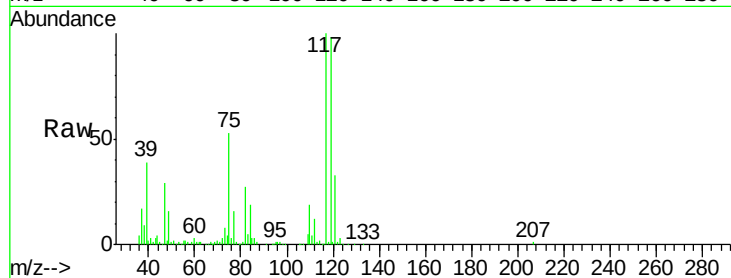
Tgt Ion:117 Resp: 126557

Ion Ratio Lower Upper

117 100

119 98.1 73.3 109.9

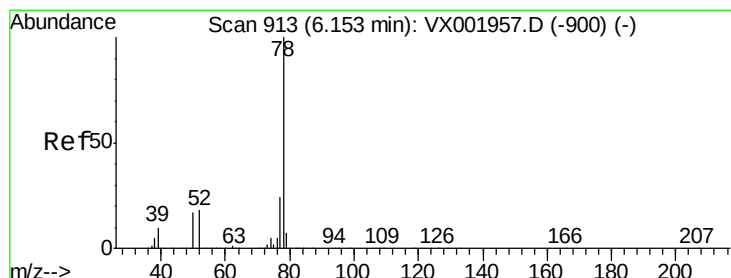
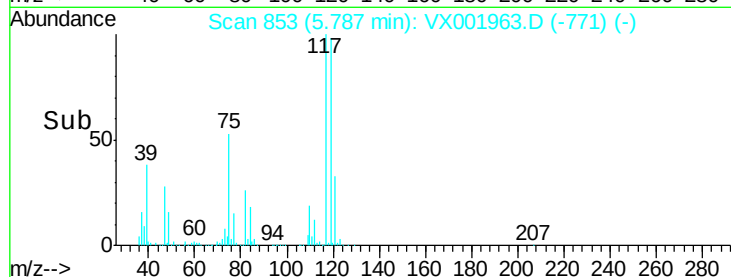
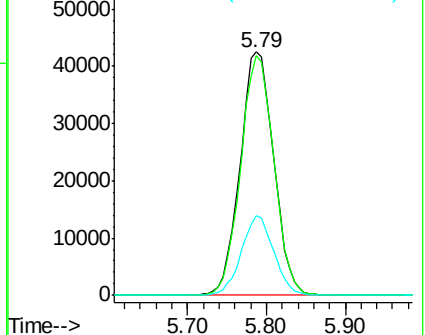
121 32.8 23.6 35.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.78 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

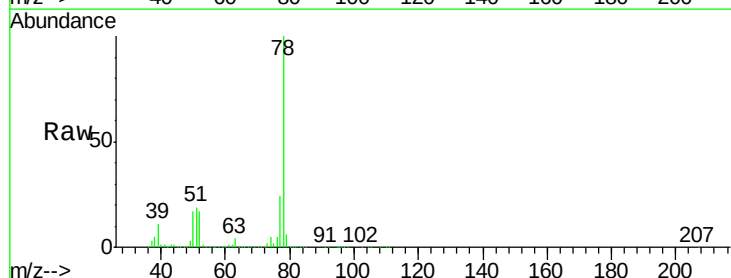
Tgt Ion: 78 Resp: 326186

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

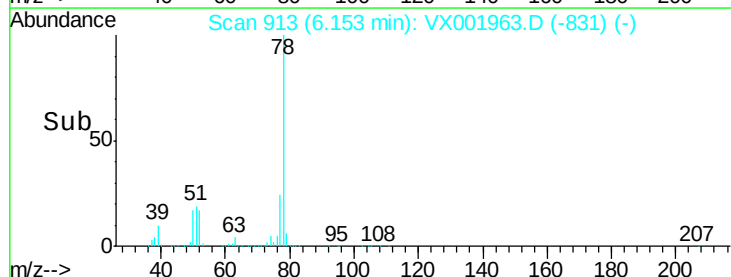
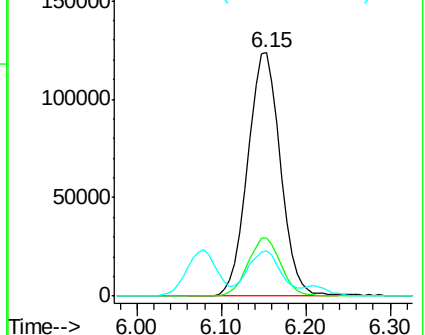
51 17.8 13.8 20.6

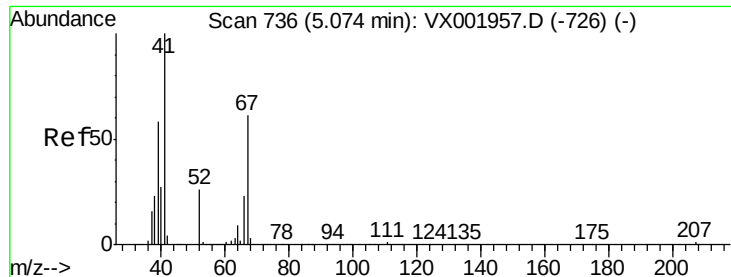


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

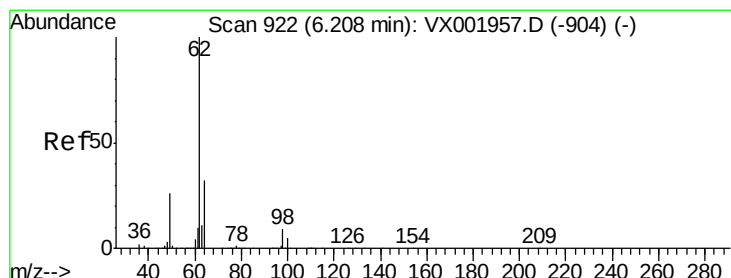
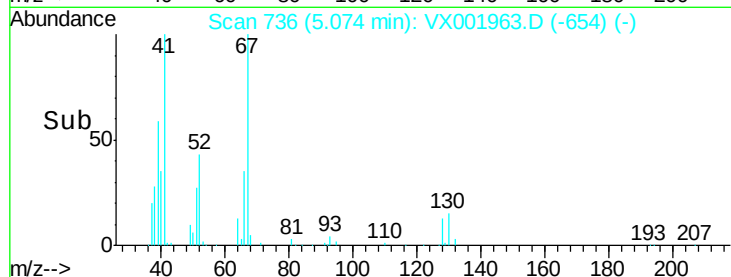
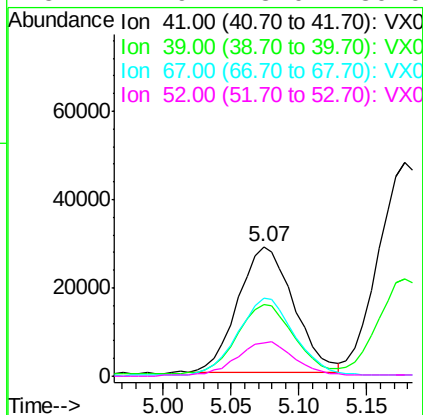
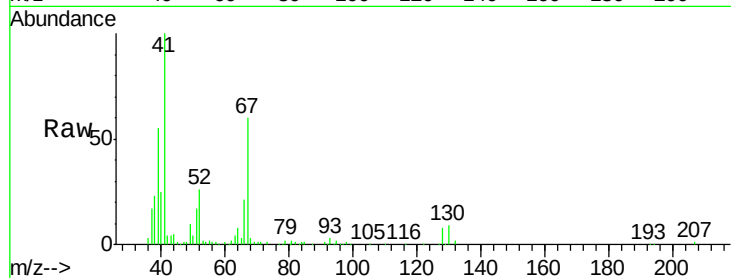




#35
Methacrylonitrile
Concen: 20.53 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

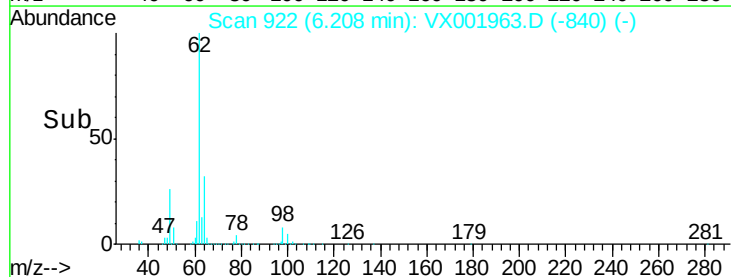
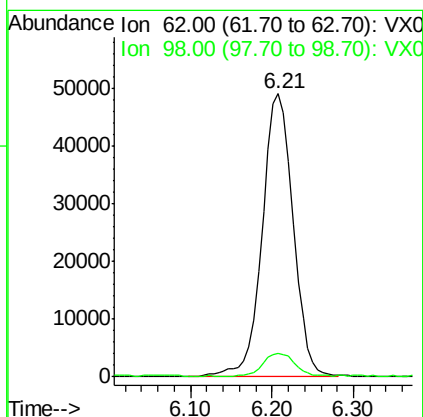
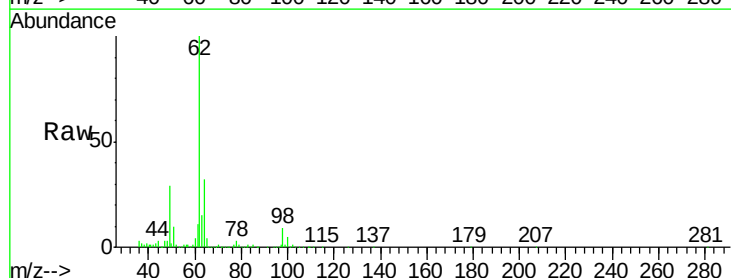
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

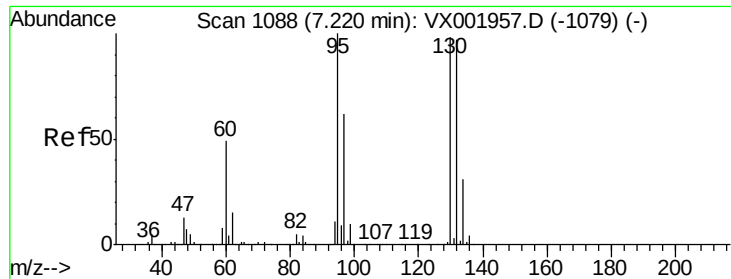
Tgt Ion:	41	Resp:	82467
Ion	Ratio	Lower	Upper
41	100		
39	54.6	28.8	86.5
67	60.9	30.4	91.2
52	24.9	13.0	39.0



#36
1,2-Dichloroethane
Concen: 21.23 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion:	62	Resp:	129836
Ion	Ratio	Lower	Upper
62	100		
98	8.1	6.5	9.7





#37

Trichloroethene

Concen: 20.56 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

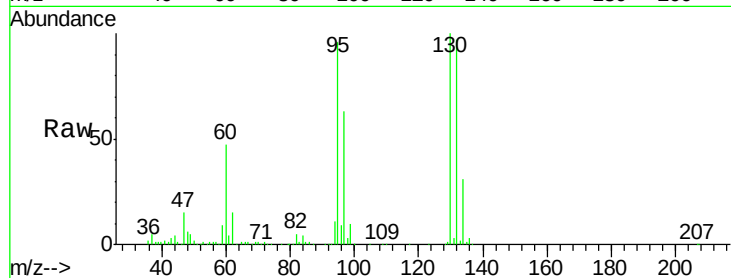
VX0525WBS01

Tgt Ion:130 Resp: 91591

Ion Ratio Lower Upper

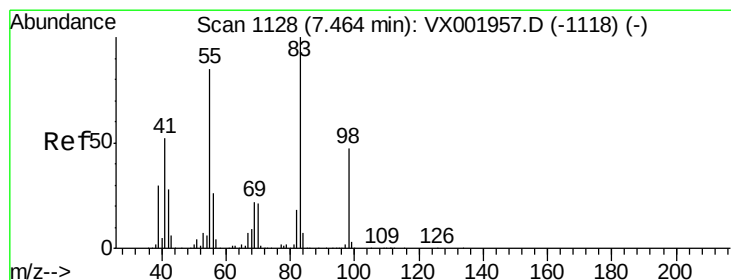
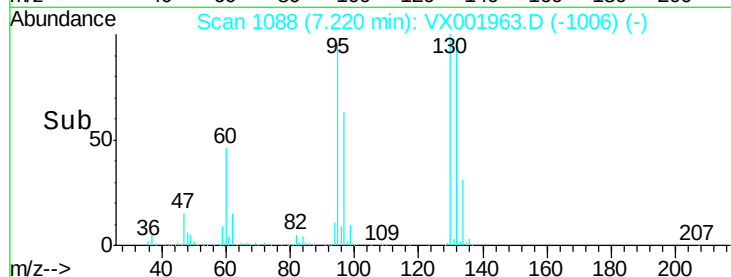
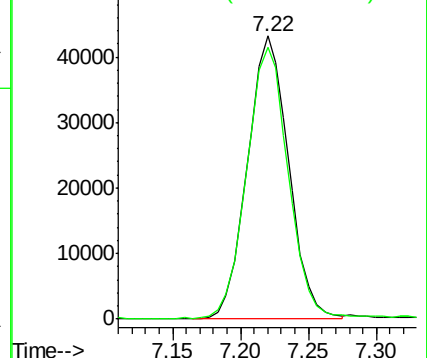
130 100

95 95.9 81.5 122.3



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 20.24 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

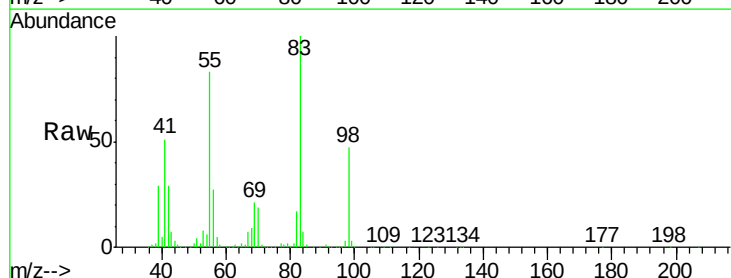
Tgt Ion: 83 Resp: 122769

Ion Ratio Lower Upper

83 100

55 83.2 40.6 121.8

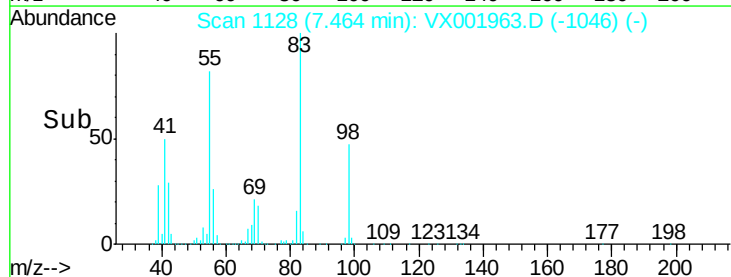
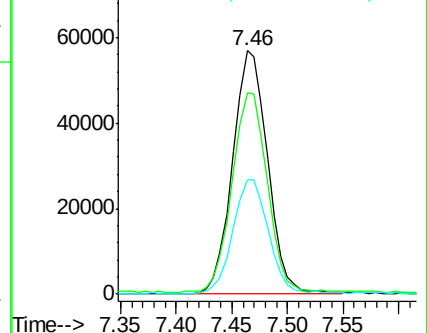
98 47.6 23.5 70.5

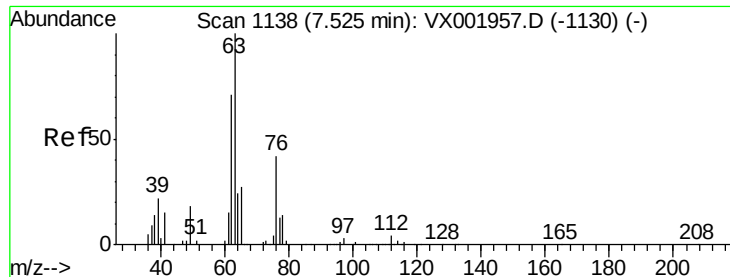


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 20.69 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

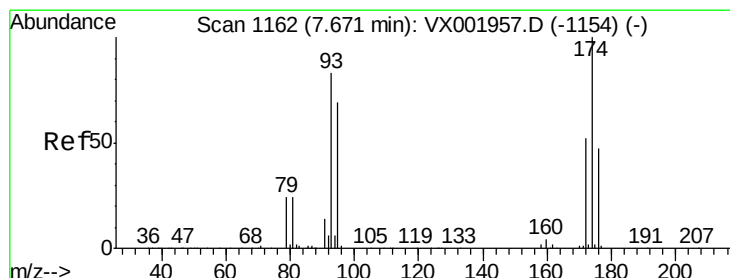
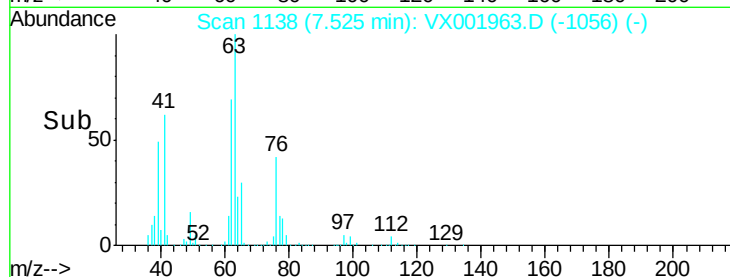
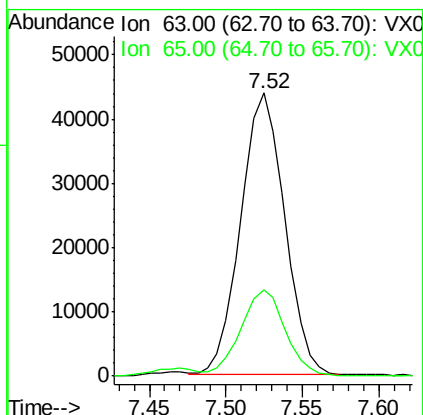
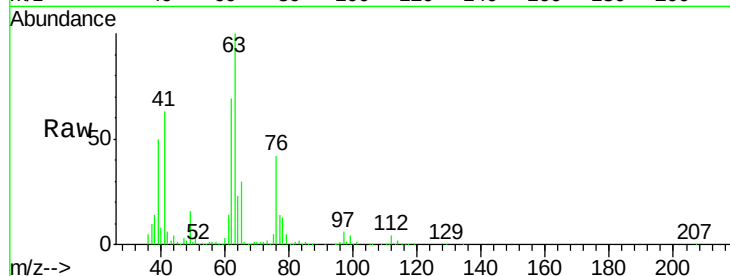
VX0525WBS01

Tgt Ion: 63 Resp: 87821

Ion Ratio Lower Upper

63 100

65 30.2 23.3 34.9



#40

Dibromomethane

Concen: 20.61 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

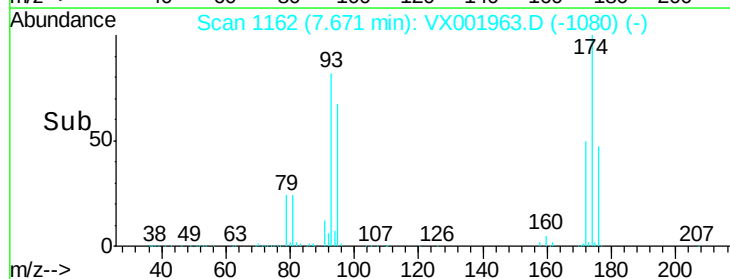
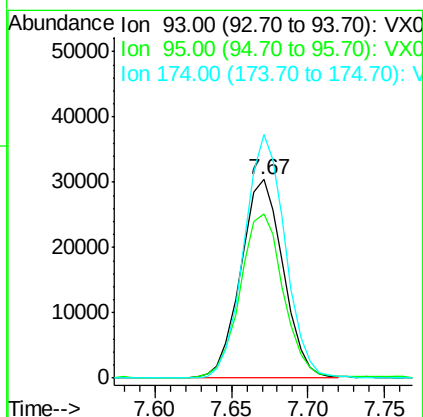
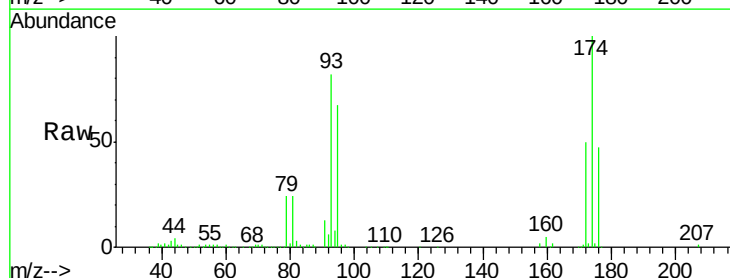
Tgt Ion: 93 Resp: 58706

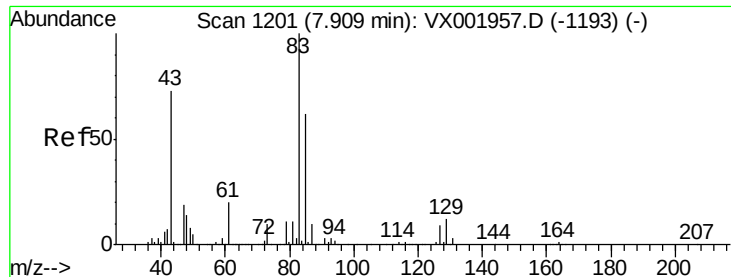
Ion Ratio Lower Upper

93 100

95 82.7 0.0 162.6

174 118.6 0.0 229.4





#41

Bromodichloromethane

Concen: 20.62 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

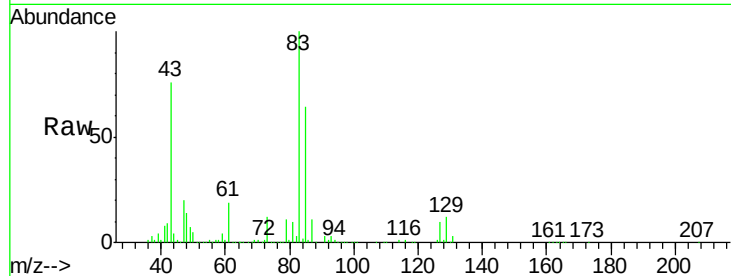
Tgt Ion: 83 Resp: 121833

Ion Ratio Lower Upper

83 100

85 63.8 49.8 74.8

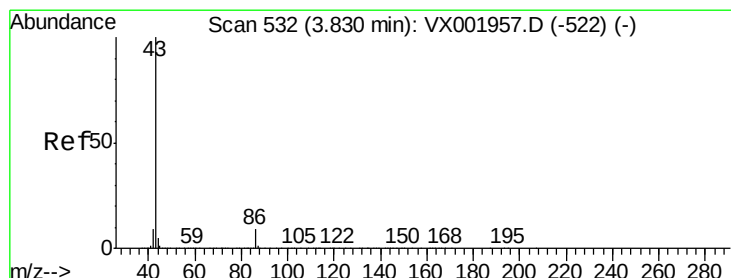
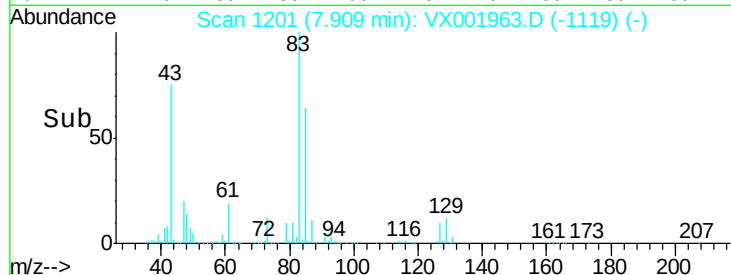
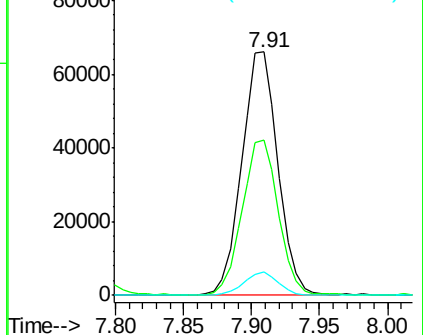
127 9.6 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 105.97 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001963.D

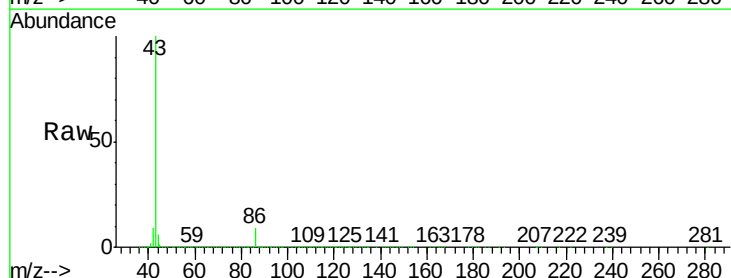
Acq: 25 May 2018 02:06

Tgt Ion: 43 Resp: 1215882

Ion Ratio Lower Upper

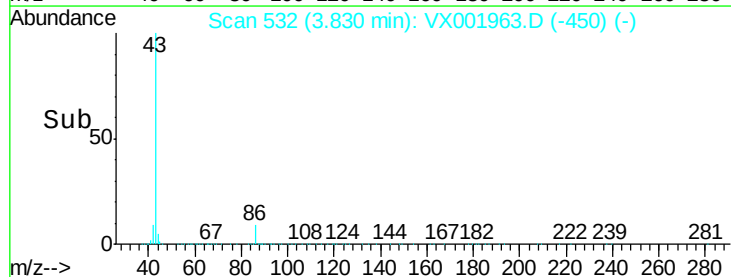
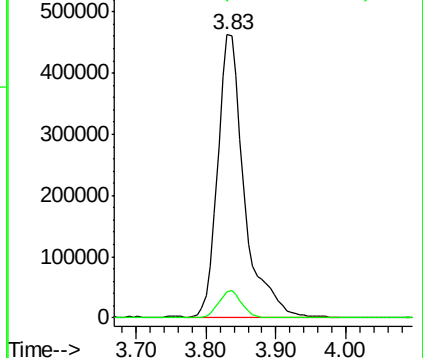
43 100

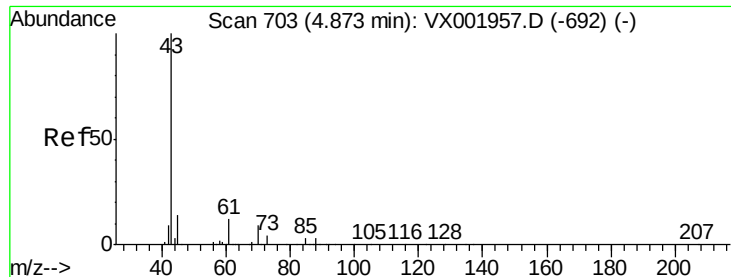
86 8.5 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

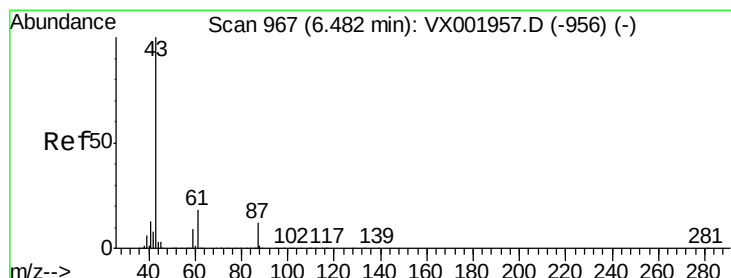
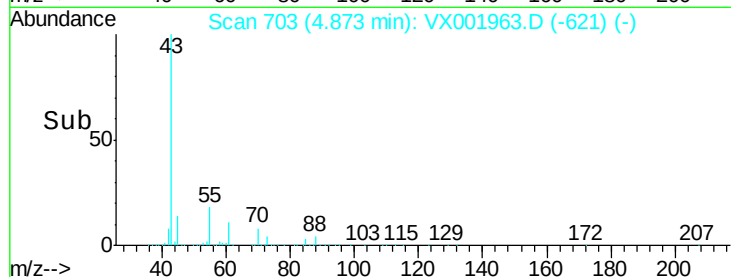
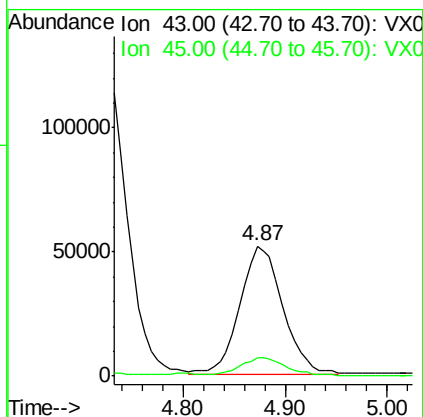
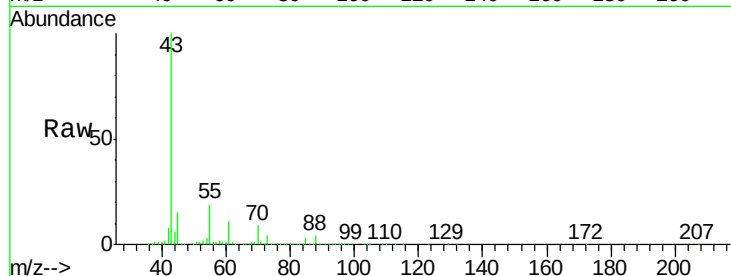




#43
Ethyl Acetate
Concen: 21.24 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

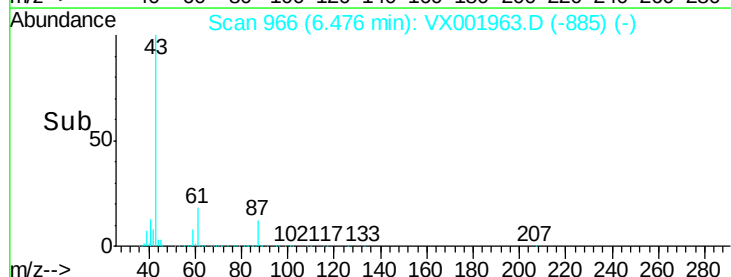
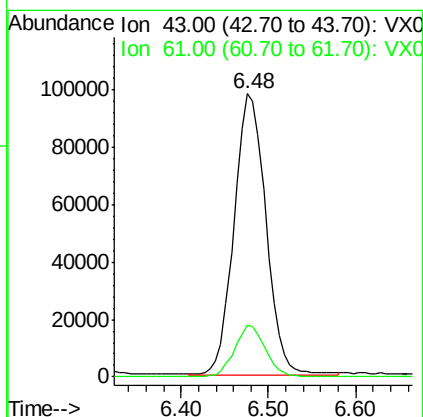
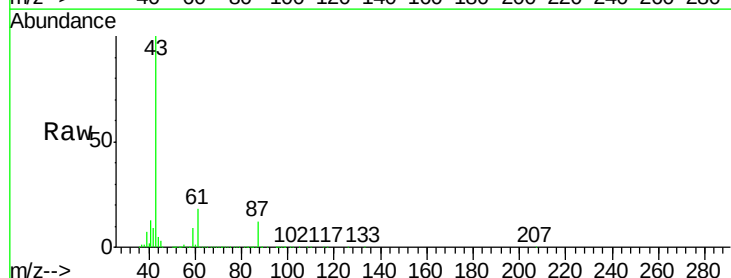
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

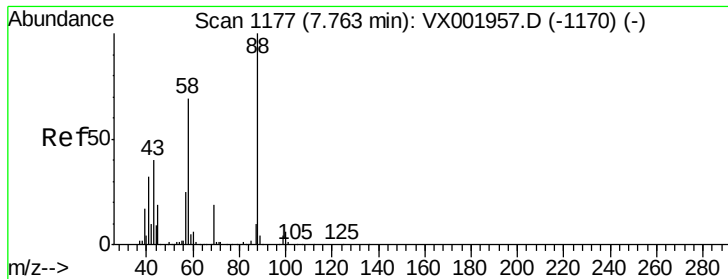
Tgt Ion: 43 Resp: 151191
Ion Ratio Lower Upper
43 100
45 14.0 11.0 16.4



#44
Isopropyl Acetate
Concen: 21.02 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion: 43 Resp: 248824
Ion Ratio Lower Upper
43 100
61 17.9 14.5 21.7





#45

1,4-Dioxane

Concen: 423.64 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

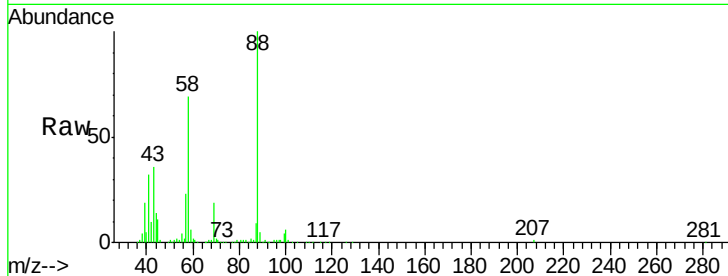
Tgt Ion: 88 Resp: 47707

Ion Ratio Lower Upper

88 100

43 40.1 43.2 64.8#

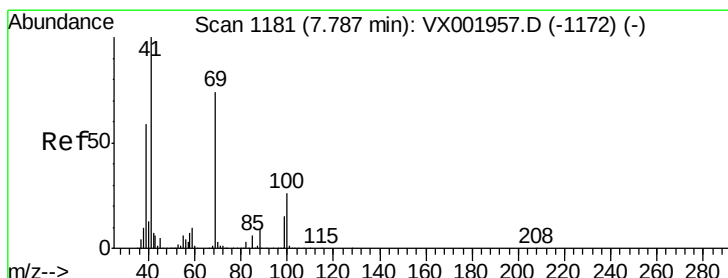
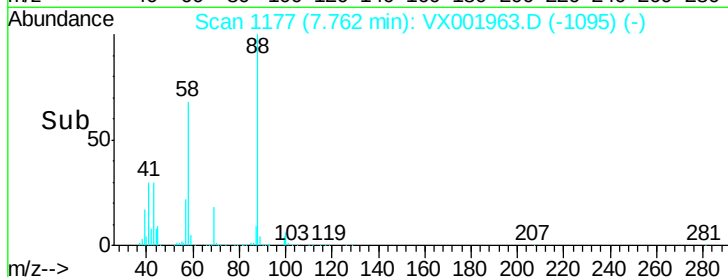
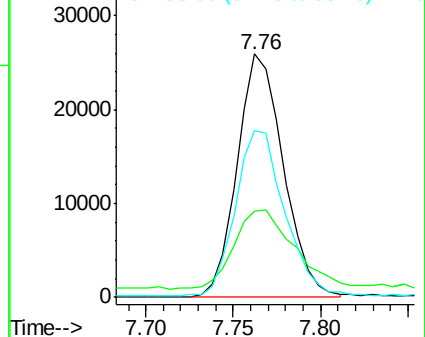
58 72.5 60.2 90.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 20.62 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

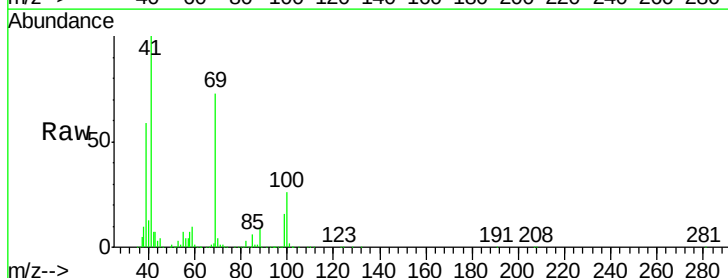
Tgt Ion: 41 Resp: 123592

Ion Ratio Lower Upper

41 100

69 72.9 37.0 110.9

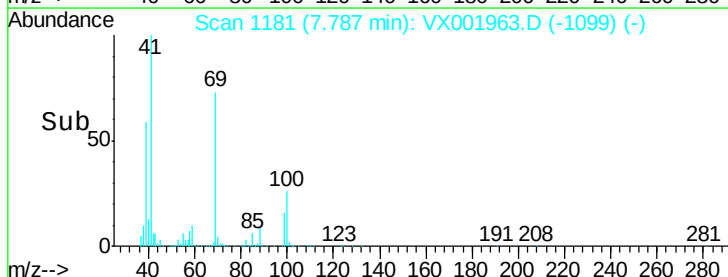
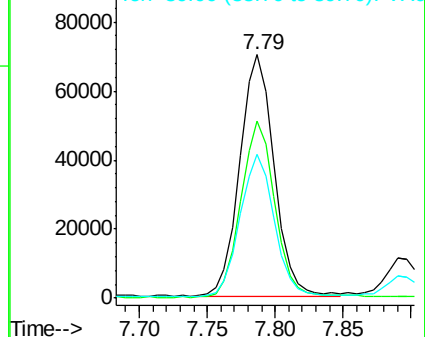
39 58.6 29.6 88.9

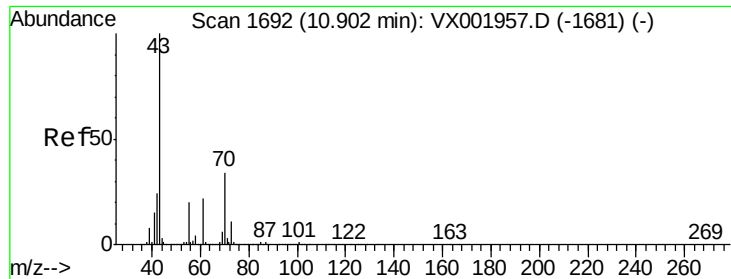


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amyI Acetate

Concen: 20.28 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

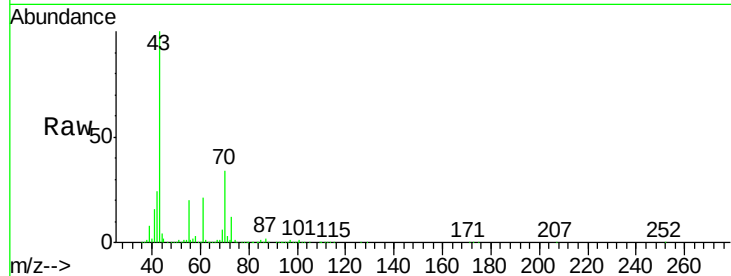
VX0525WBS01

Tgt Ion: 43 Resp: 220877

Ion Ratio Lower Upper

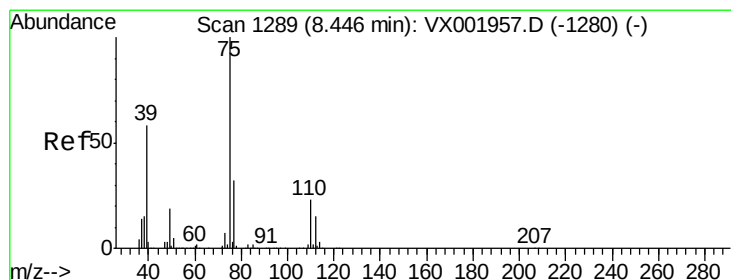
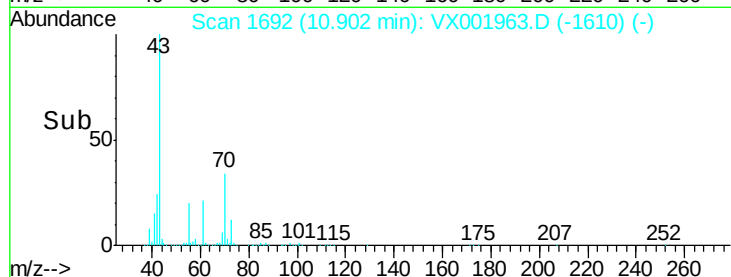
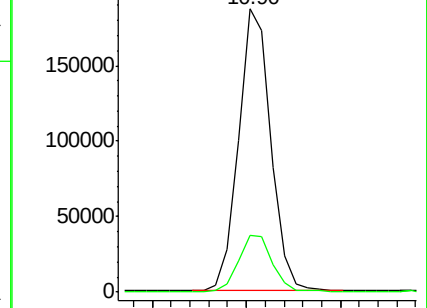
43 100

55 20.7 0.1 0.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 20.09 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001963.D

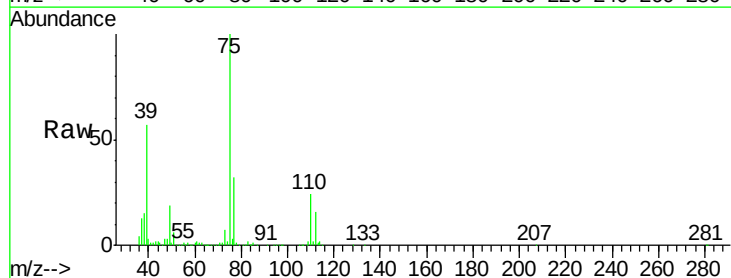
Acq: 25 May 2018 02:06

Tgt Ion: 75 Resp: 133418

Ion Ratio Lower Upper

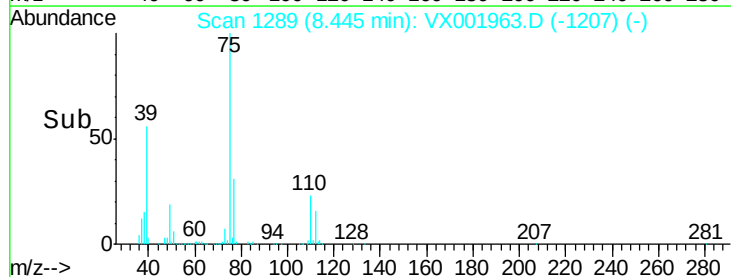
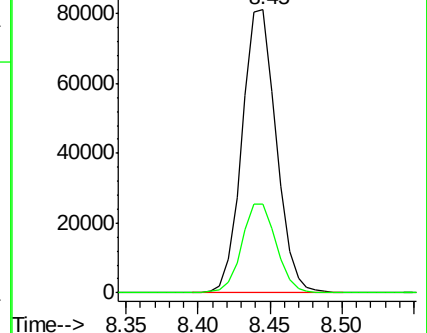
75 100

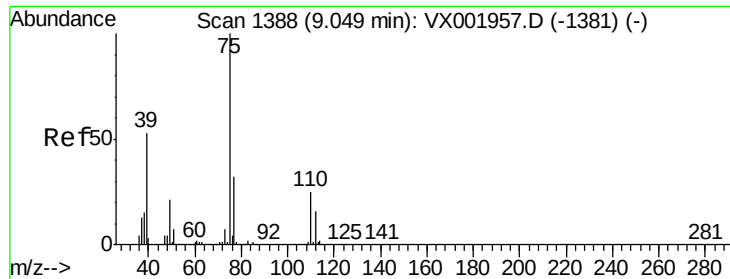
77 31.3 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#49

cis-1,3-Dichloropropene

Concen: 19.89 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

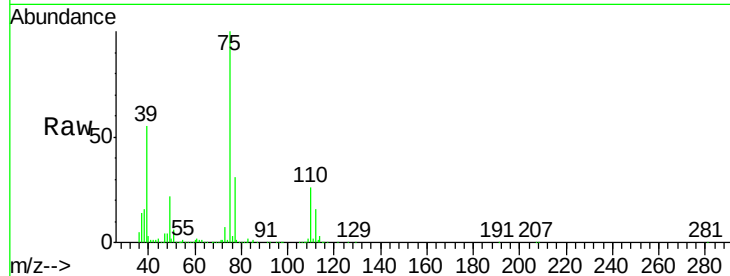
Tgt Ion: 75 Resp: 127848

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2

39 54.9 42.3 63.5

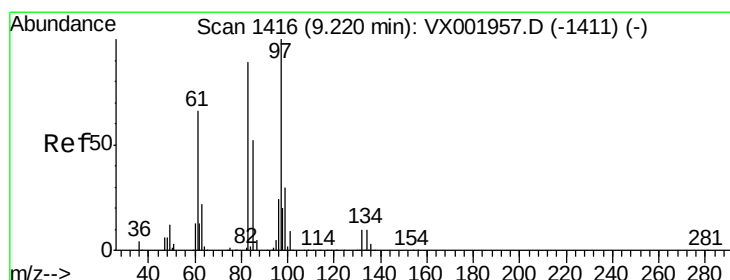
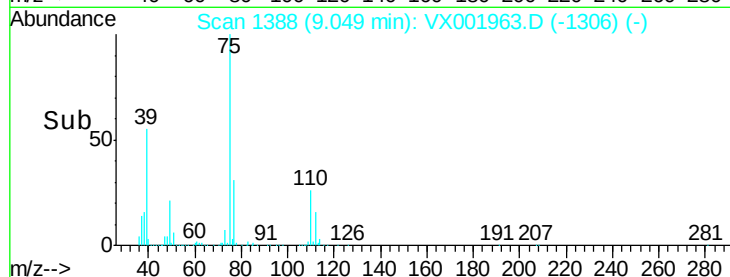
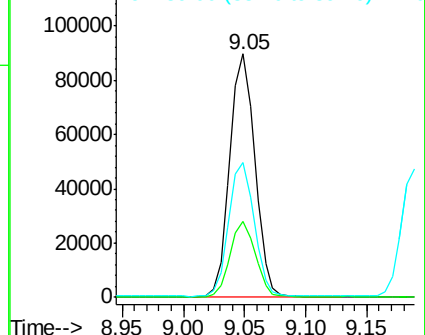


Abundance

Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 20.86 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Tgt Ion: 97 Resp: 85272

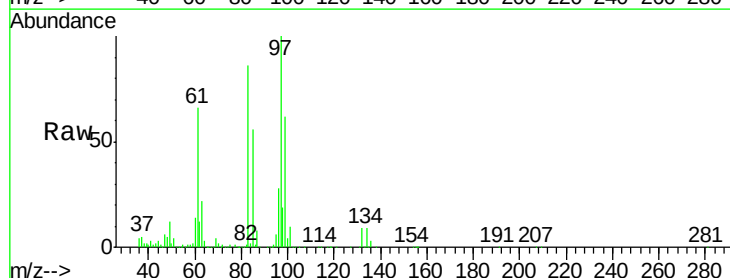
Ion Ratio Lower Upper

97 100

83 85.6 70.8 106.2

85 55.9 43.5 65.3

99 61.9 50.9 76.3



Abundance

Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0

