

Data File : VX001964.D
Acq On : 25 May 2018 02:33
Operator : JC/MD
Sample : VX0525WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Quant Time: May 25 03:20:43 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	66053	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	358773	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	326883	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	155233	29.87	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.57%
60) 4-Bromofluorobenzene	11.14	95	162514	29.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.80%
63) Toluene-d8	8.72	98	433096	29.73	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68164	19.44	ug/l	100
3) Chloromethane	1.32	50	83083	19.92	ug/l	98
4) Vinyl Chloride	1.41	62	81862	19.73	ug/l	100
5) Bromomethane	1.64	94	54131	23.28	ug/l	98
6) Chloroethane	1.73	64	51099	20.82	ug/l	99
7) Trichlorofluoromethane	1.93	101	128416	20.29	ug/l	98
8) Diethyl Ether	2.20	74	50053	21.01	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69345	20.35	ug/l	99
10) 1,1-Dichloroethene	2.38	96	67299	20.48	ug/l	93
11) Methyl Iodide	2.51	142	92006	17.82	ug/l	98
12) Methyl Acetate	2.79	43	115885	21.75	ug/l	96
13) Acrolein	2.30	56	44157	97.37	ug/l	98
14) Acrylonitrile	3.16	53	235526	107.47	ug/l	100
15) Acetone	2.45	58	63635	108.92	ug/l	100
16) Carbon Disulfide	2.57	76	185526	19.77	ug/l	99
17) Allyl chloride	2.73	41	137485	20.27	ug/l	99
18) Methylene Chloride	2.86	84	76523	20.72	ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	70143	20.19	ug/l	98
20) Diisopropyl ether	3.89	45	288465	22.27	ug/l	97
21) 1,1-Dichloroethane	3.70	63	141565	20.54	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	84082	20.30	ug/l	90
23) tert-Butyl Alcohol	3.09	59	122496	107.77	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	271471	21.16	ug/l	100
25) Chloroform	5.23	83	147782	20.39	ug/l	100
26) Cyclohexane	5.58	56	128177	20.20	ug/l	# 99
29) 1,1-Dichloropropene	5.81	75	102553	20.43	ug/l	99
30) 2-Butanone	4.72	43	388109	110.85	ug/l	100
31) 2,2-Dichloropropane	4.59	77	75364	17.08	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	136022	20.75	ug/l	99
33) Carbon Tetrachloride	5.79	117	120136	20.17	ug/l	94
34) Benzene	6.15	78	316381	20.87	ug/l	97
35) Methacrylonitrile	5.08	41	84170	21.71	ug/l	96
36) 1,2-Dichloroethane	6.21	62	125853	21.31	ug/l	99
37) Trichloroethene	7.22	130	88836	20.66	ug/l	95
38) Methylcyclohexane	7.47	83	119057	20.33	ug/l	99
39) 1,2-Dichloropropane	7.52	63	86607	21.13	ug/l	94
40) Dibromomethane	7.67	93	59340	21.58	ug/l	100

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Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VX0525WBSD01

Quant Time: May 25 03:20:43 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	119355	20.92	ug/l	98
42) Vinyl Acetate	3.83	43	1230289	111.07	ug/l	100
43) Ethyl Acetate	4.88	43	149715	21.79	ug/l	97
44) Isopropyl Acetate	6.48	43	249796	21.86	ug/l	99
45) 1,4-Dioxane	7.76	88	47920	440.78	ug/l #	92
46) Methyl methacrylate	7.79	41	124643	21.54	ug/l	99
47) n-amyl Acetate	10.90	43	217727	20.71	ug/l #	91
48) t-1,3-Dichloropropene	8.45	75	129250	20.16	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	124927	20.13	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	84857	21.50	ug/l	99
51) Ethyl methacrylate	9.19	69	144821	21.18	ug/l	99
52) 1,3-Dichloropropane	9.38	76	141784	21.29	ug/l	99
53) Dibromochloromethane	9.59	129	99812	20.70	ug/l	99
54) 1,2-Dibromoethane	9.68	107	89794	21.01	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	329883	102.78	ug/l	99
56) Bromoform	10.86	173	85039	20.05	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	781681	109.89	ug/l	100
59) 2-Hexanone	9.51	43	602103	109.08	ug/l	99
61) Tetrachloroethene	9.34	164	102155	20.49	ug/l	99
62) Toluene	8.79	91	340885	20.42	ug/l	98
64) Chlorobenzene	10.15	112	221829	20.53	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	90560	20.60	ug/l	99
66) Ethyl Benzene	10.26	91	383113	20.42	ug/l	99
67) m/p-Xylenes	10.37	106	290203	40.74	ug/l	99
68) o-Xylene	10.70	106	147356	20.66	ug/l	98
69) Styrene	10.72	104	239570	20.00	ug/l	99
70) Isopropylbenzene	11.02	105	388667	20.35	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	124488	20.80	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	158842	28.18	ug/l	92
73) Bromobenzene	11.26	156	104184	20.31	ug/l	98
74) n-propylbenzene	11.37	91	428951	20.12	ug/l	99
75) 2-Chlorotoluene	11.43	91	263272	20.03	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	325108	20.02	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	38828	19.01	ug/l	98
78) 4-Chlorotoluene	11.52	91	298901	19.99	ug/l	100
79) tert-butylbenzene	12.07	119	337635	19.83	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	328727	20.03	ug/l	100
81) sec-Butylbenzene	11.95	105	381749	20.06	ug/l	100
82) p-Isopropyltoluene	12.07	119	337635	19.83	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	177242	19.50	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	179183	19.81	ug/l	99
85) n-Butylbenzene	12.40	91	274160	19.20	ug/l	100
86) Hexachloroethane	12.60	117	65622	19.37	ug/l	98
87) 1,2-Dichlorobenzene	12.40	146	186292	19.90	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	36144	20.73	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	128531	19.33	ug/l	99
90) Hexachlorobutadiene	13.79	225	66774	18.88	ug/l	98
91) Naphthalene	13.84	128	429990	20.50	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	138230	19.91	ug/l	99

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

Data File : VX001964.D
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Sample : VX0525WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Quant Time: May 25 03:20:43 2018
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 2018
Response via : Initial Calibration

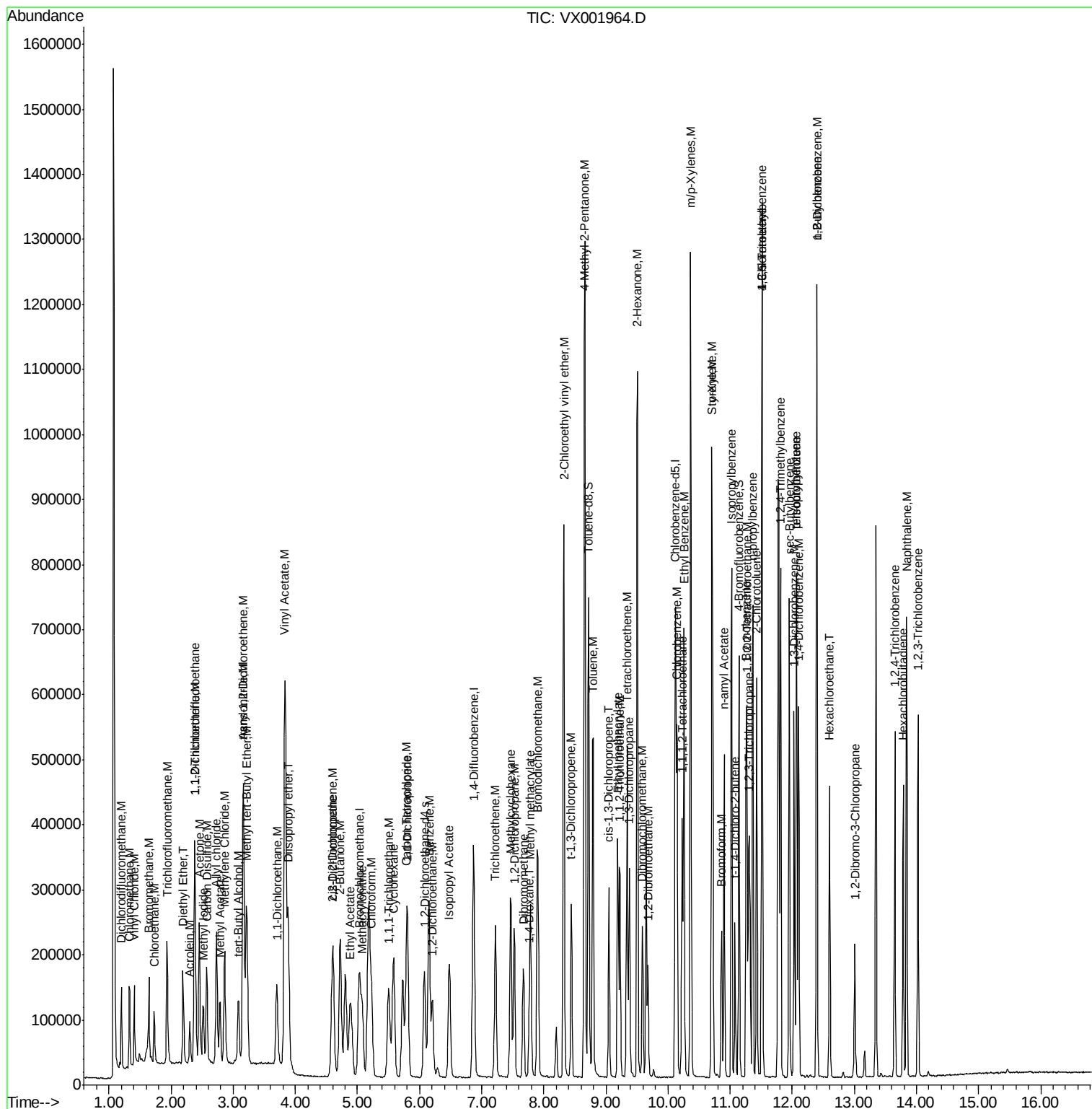
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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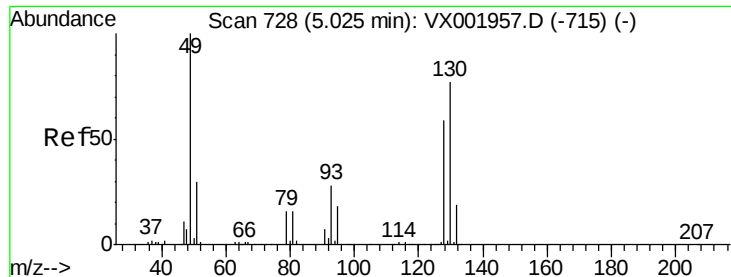
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 33 Sample Multiplier: 1

VX0525WBSD01

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: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

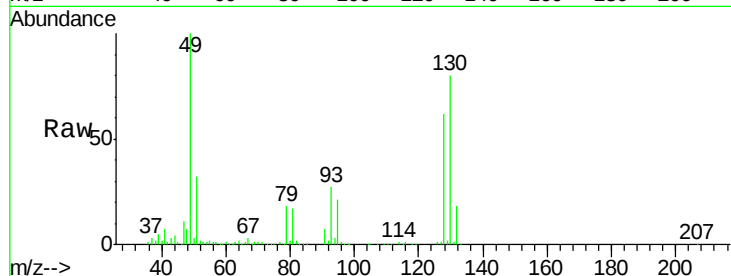
Tgt Ion:128 Resp: 66053

Ion Ratio Lower Upper

128 100

49 169.6 0.0 423.0

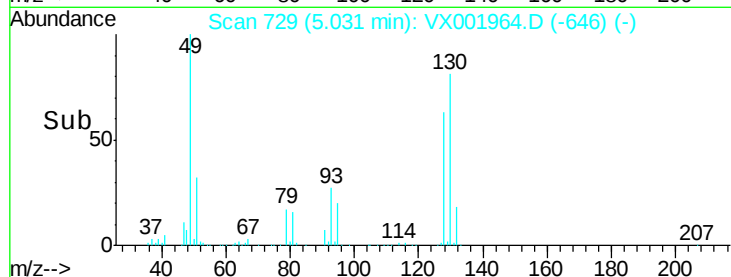
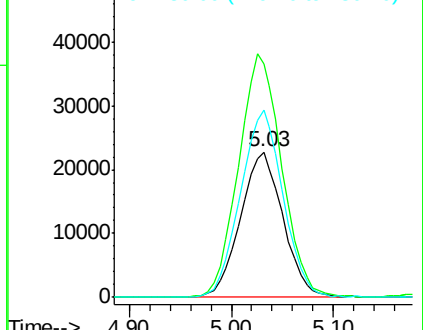
130 128.8 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.44 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001964.D

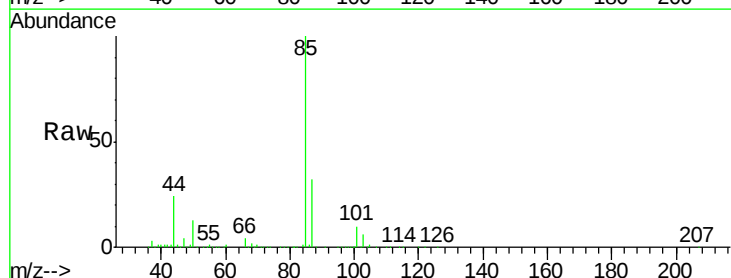
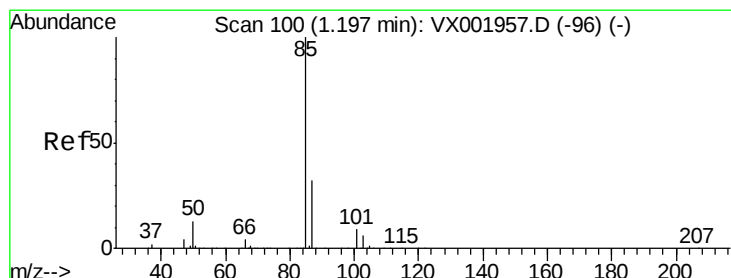
Acq: 25 May 2018 02:33

Tgt Ion: 85 Resp: 68164

Ion Ratio Lower Upper

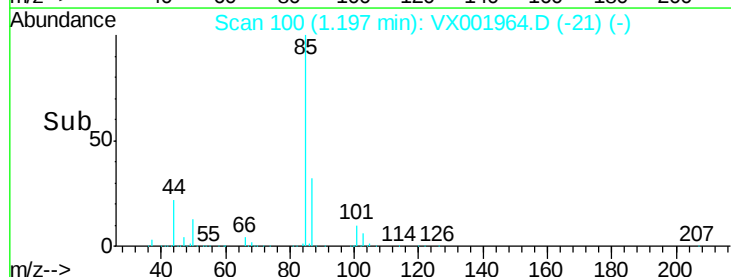
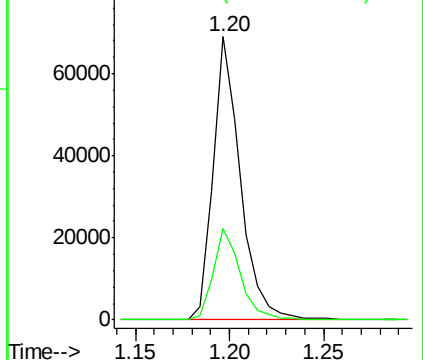
85 100

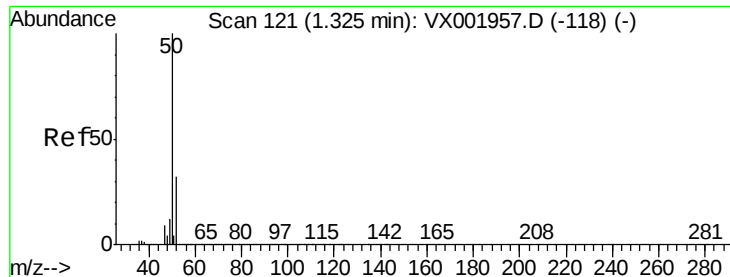
87 32.3 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.92 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

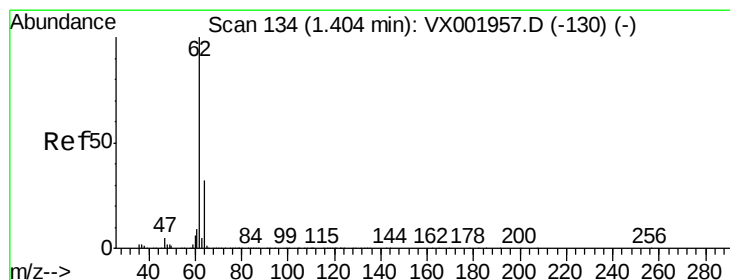
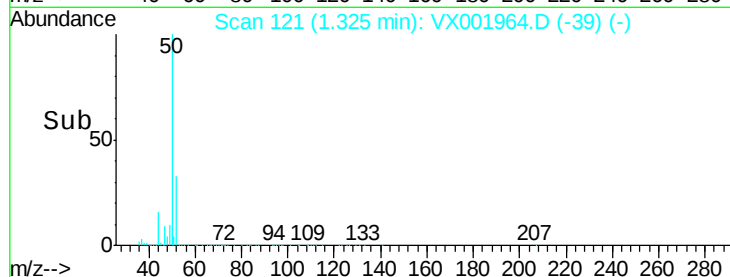
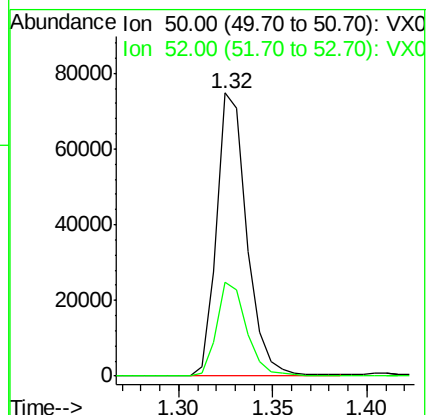
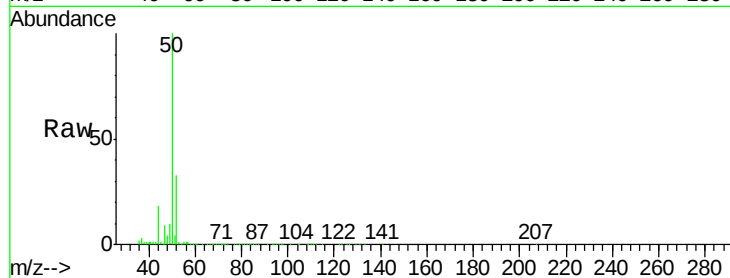
VX0525WBSD01

Tgt Ion: 50 Resp: 83083

Ion Ratio Lower Upper

50 100

52 33.1 25.6 38.4



#4

Vinyl Chloride

Concen: 19.73 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001964.D

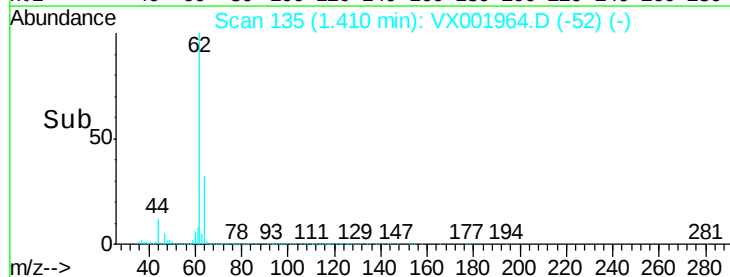
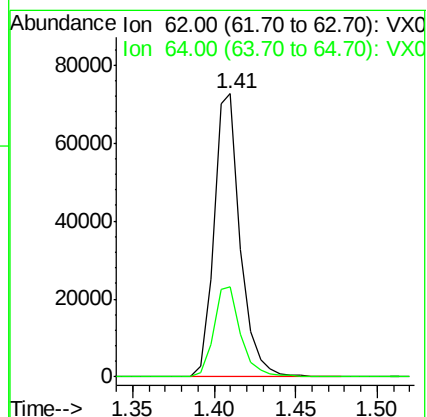
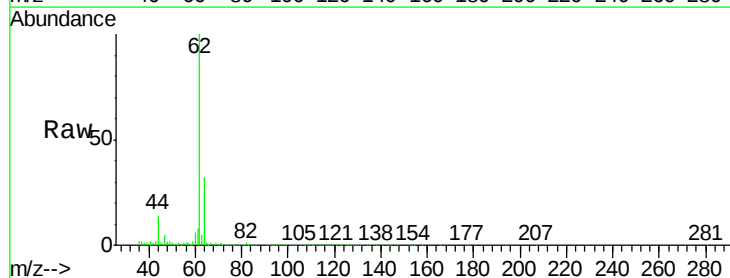
Acq: 25 May 2018 02:33

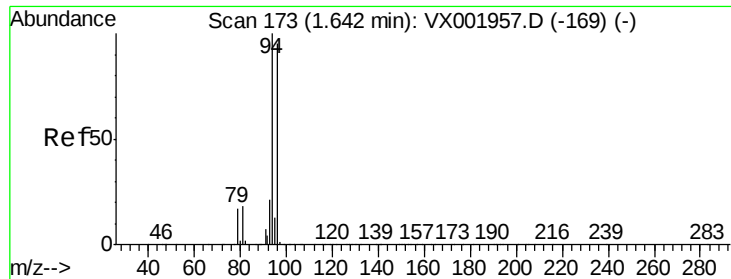
Tgt Ion: 62 Resp: 81862

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9





#5

Bromomethane

Concen: 23.28 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

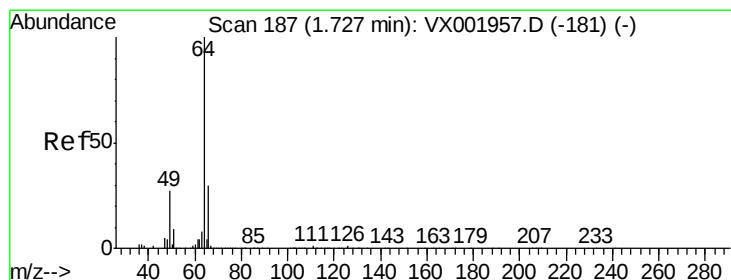
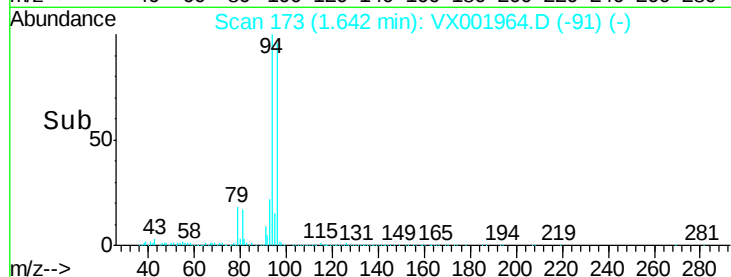
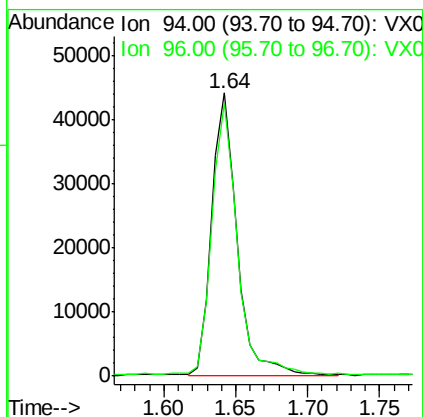
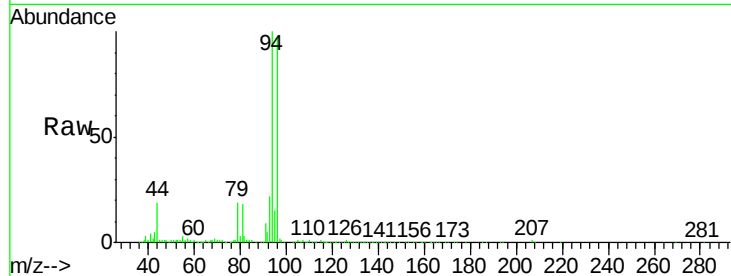
VX0525WBSD01

Tgt Ion: 94 Resp: 54131

Ion Ratio Lower Upper

94 100

96 96.1 75.7 113.5



#6

Chloroethane

Concen: 20.82 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX001964.D

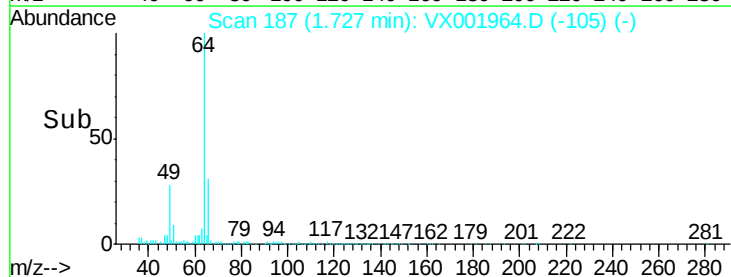
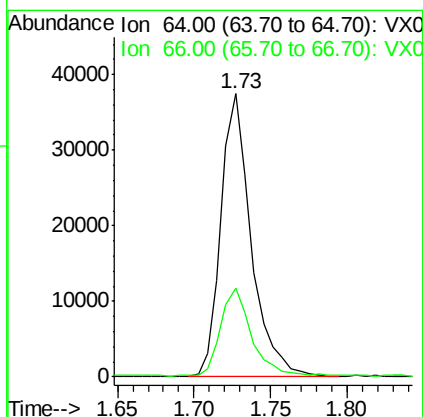
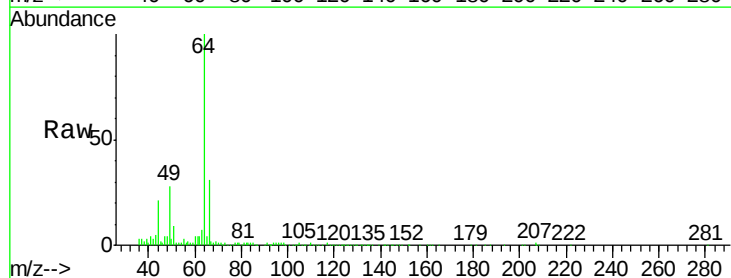
Acq: 25 May 2018 02:33

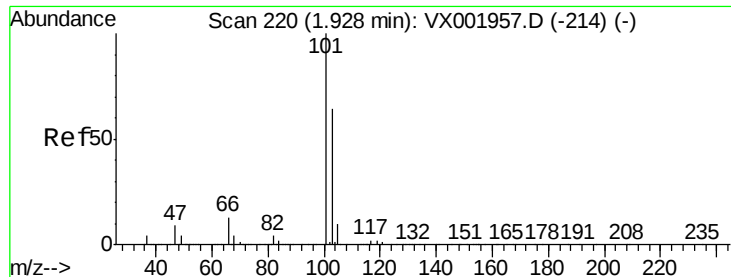
Tgt Ion: 64 Resp: 51099

Ion Ratio Lower Upper

64 100

66 31.0 24.3 36.5



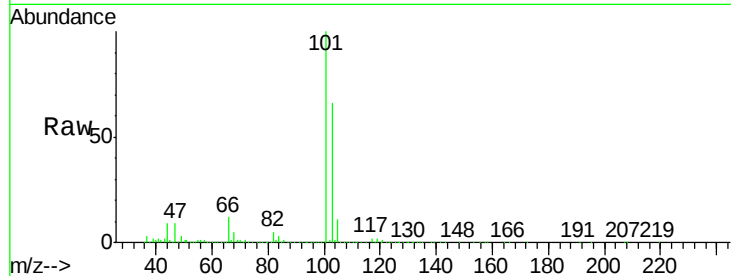


#7

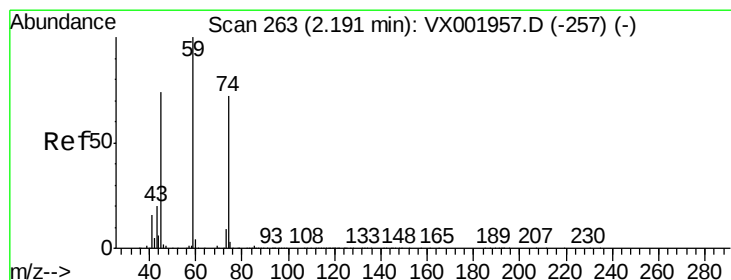
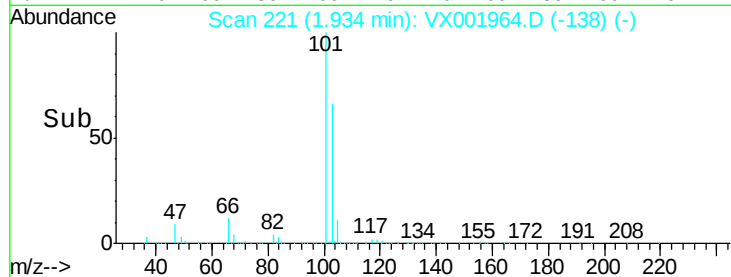
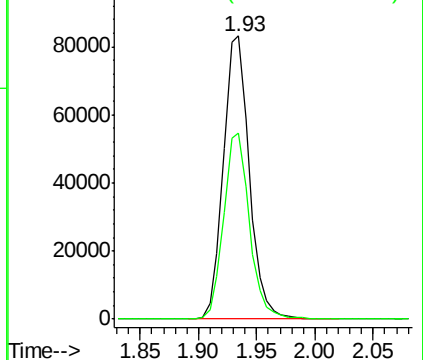
Trichlorofluoromethane
Concen: 20.29 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tgt Ion: 101 Resp: 128416
Ion Ratio Lower Upper
101 100
103 65.6 51.5 77.3



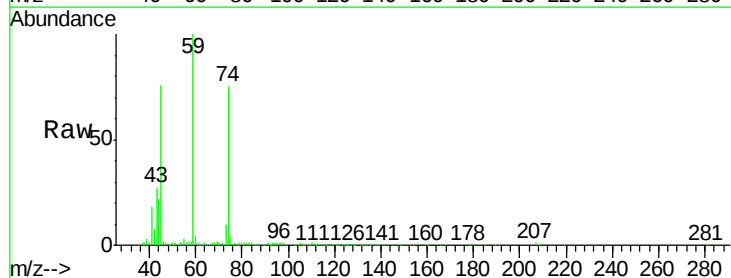
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



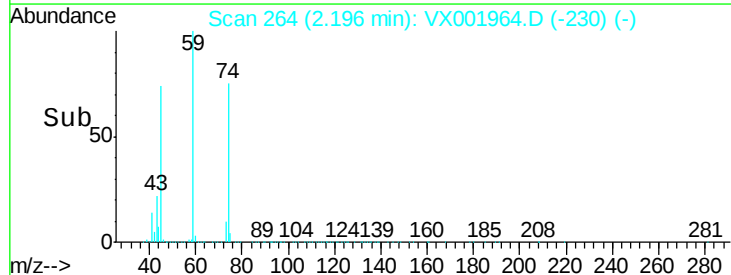
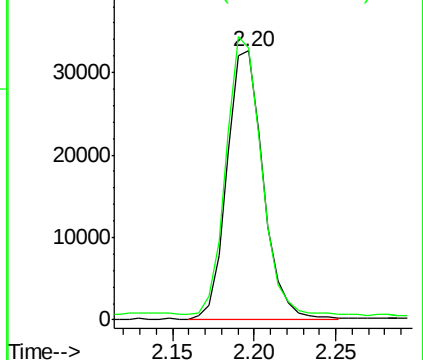
#8

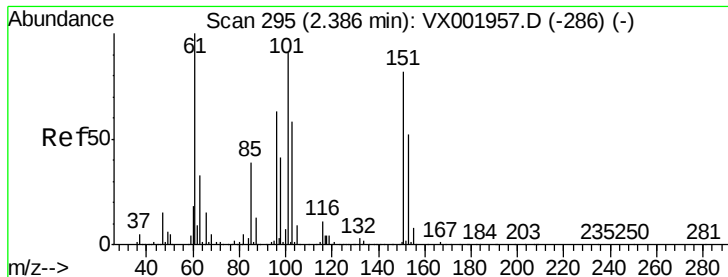
Diethyl Ether
Concen: 21.01 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion: 74 Resp: 50053
Ion Ratio Lower Upper
74 100
45 101.7 20.5 184.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.35 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

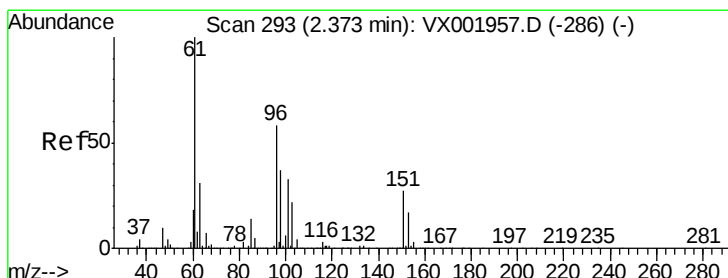
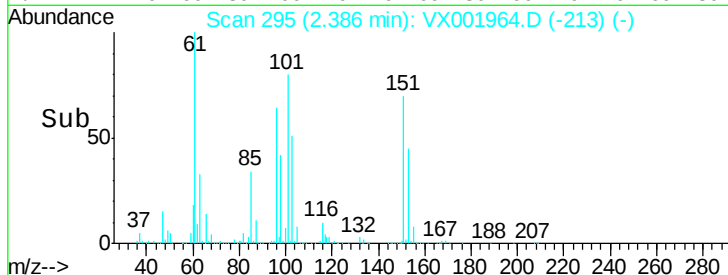
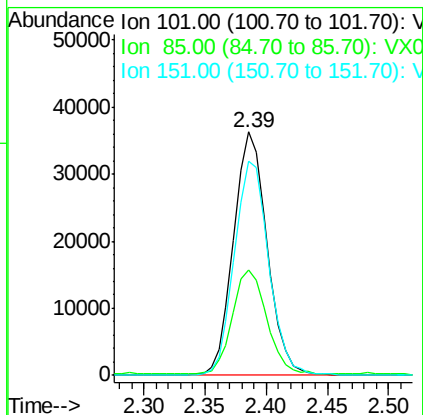
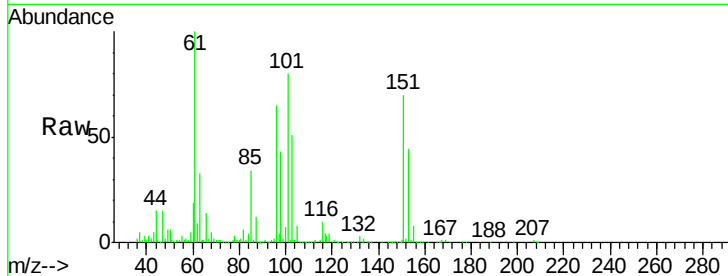
Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tgt Ion:	101	Resp:	69345
Ion	Ratio	Lower	Upper
101	100		
85	42.9	0.0	87.0
151	90.1	0.0	177.6



#10

1,1-Dichloroethene

Concen: 20.48 ug/l

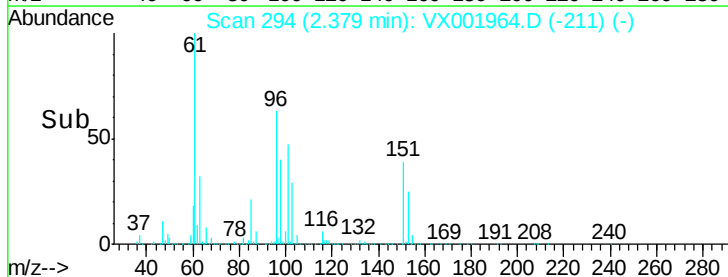
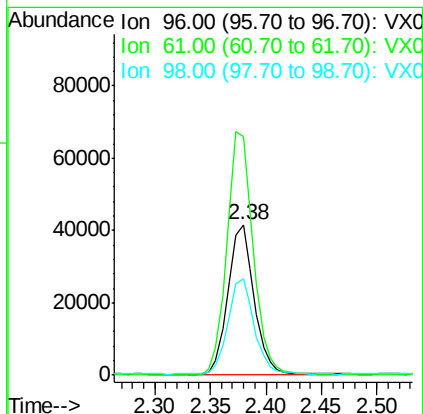
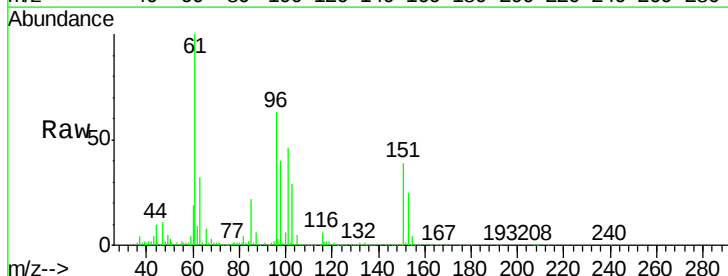
RT: 2.38 min Scan# 294

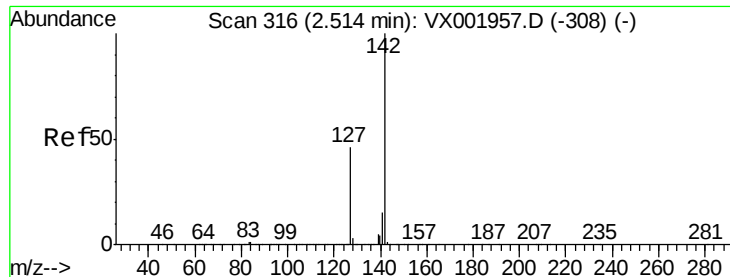
Delta R.T. 0.01 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Tgt Ion:	96	Resp:	67299
Ion	Ratio	Lower	Upper
96	100		
61	159.0	137.5	206.3
98	63.5	51.4	77.2

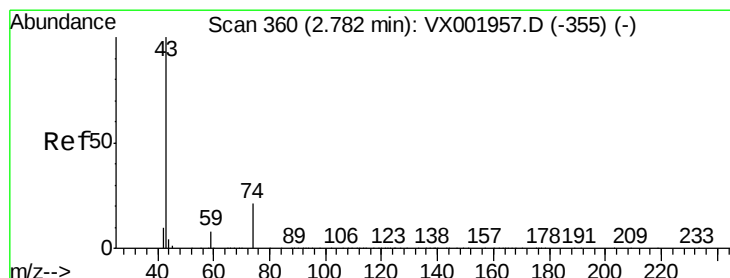
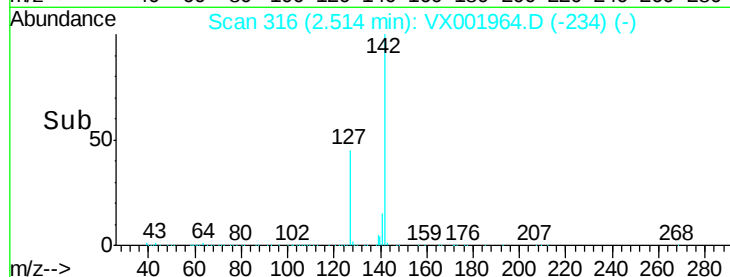
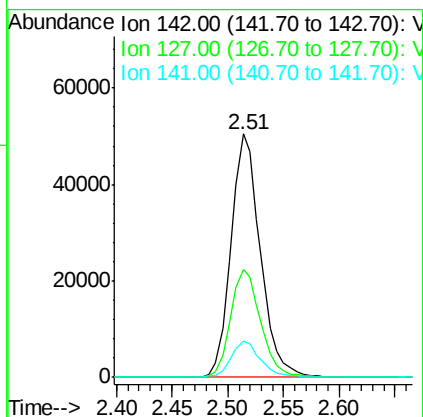
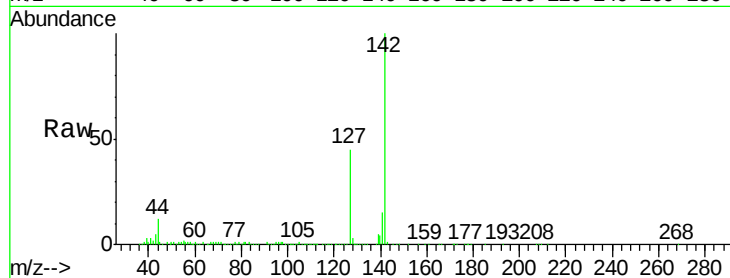




#11
Methyl Iodide
Concen: 17.82 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

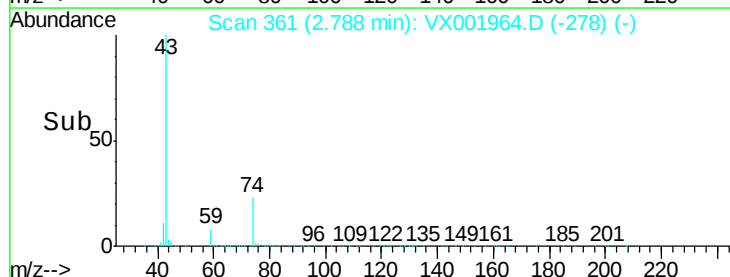
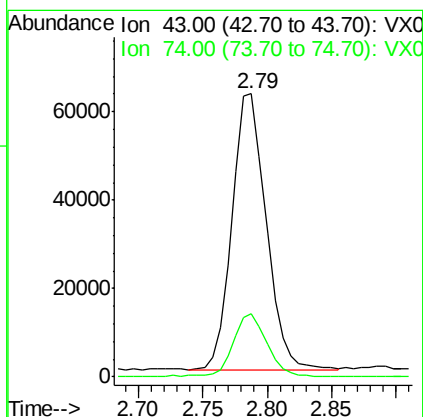
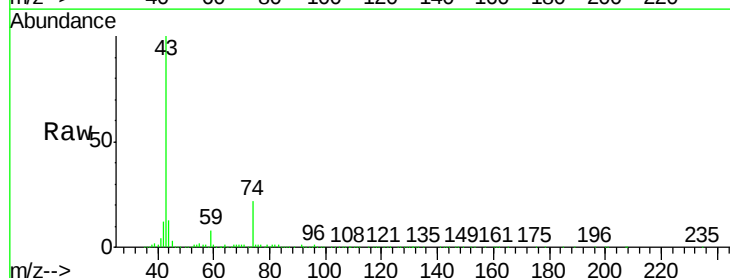
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

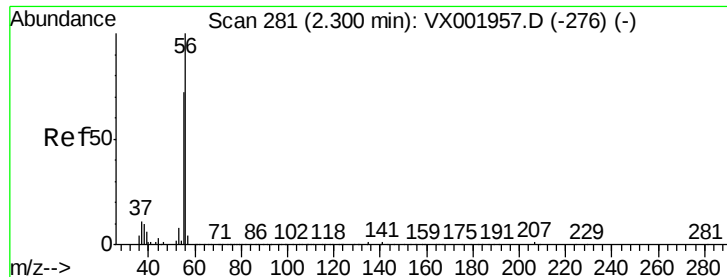
Tgt Ion:142 Resp: 92006
Ion Ratio Lower Upper
142 100
127 44.4 23.2 69.6
141 14.8 7.4 22.2



#12
Methyl Acetate
Concen: 21.75 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion: 43 Resp: 115885
Ion Ratio Lower Upper
43 100
74 22.4 16.4 24.6





#13

Acrolein

Concen: 97.37 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

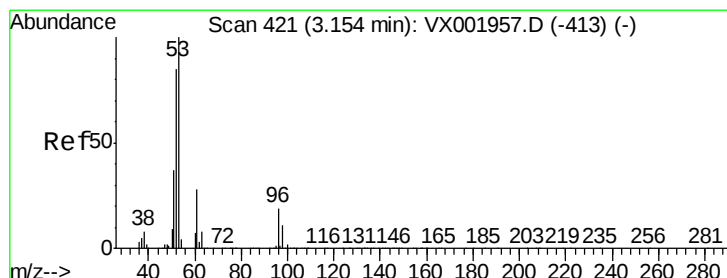
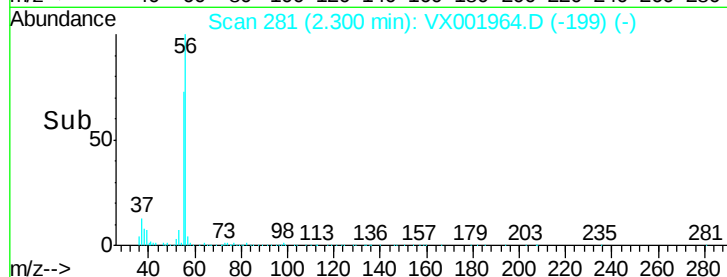
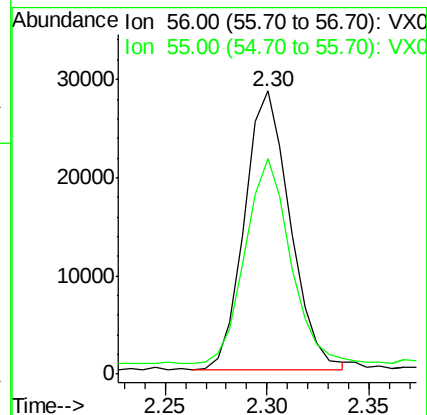
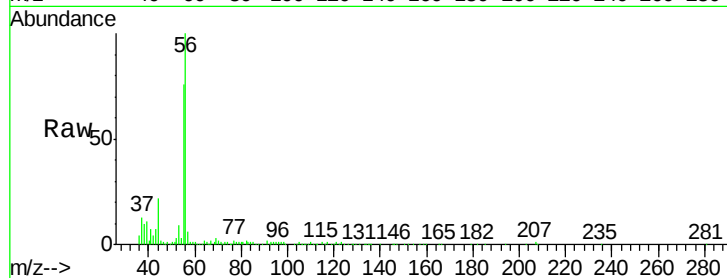
VX0525WBSD01

Tgt Ion: 56 Resp: 44157

Ion Ratio Lower Upper

56 100

55 73.2 57.3 85.9



#14

Acrylonitrile

Concen: 107.47 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

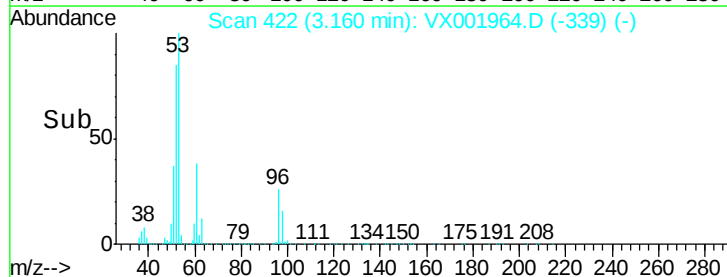
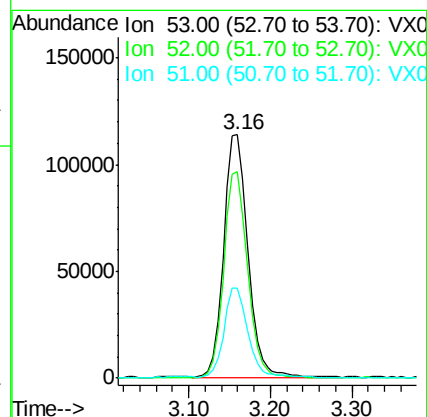
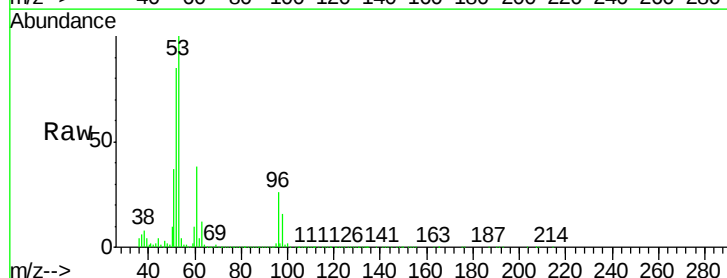
Tgt Ion: 53 Resp: 235526

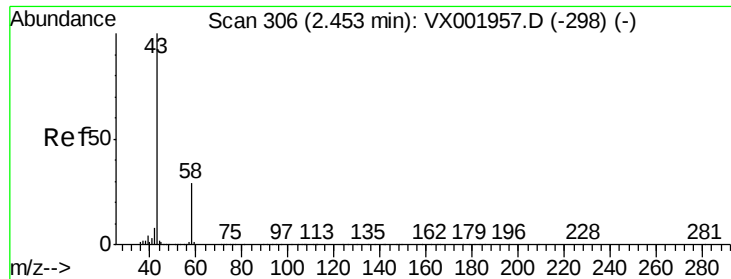
Ion Ratio Lower Upper

53 100

52 83.0 41.5 124.6

51 36.5 17.9 53.8





#15

Acetone

Concen: 108.92 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

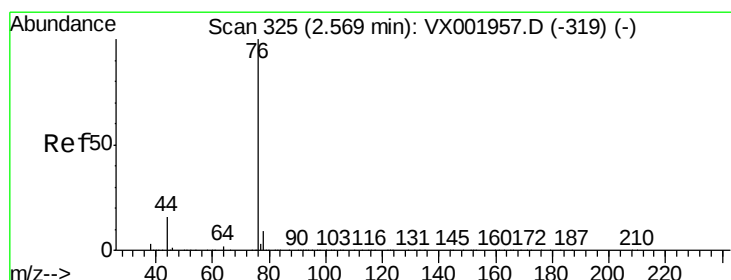
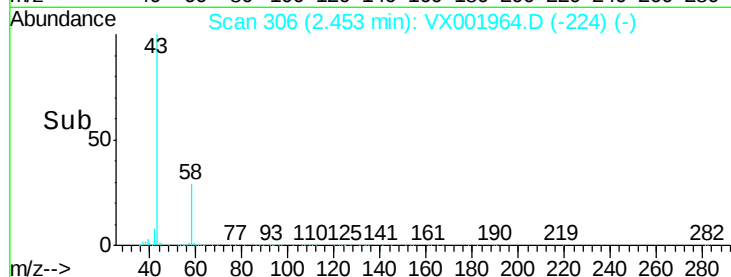
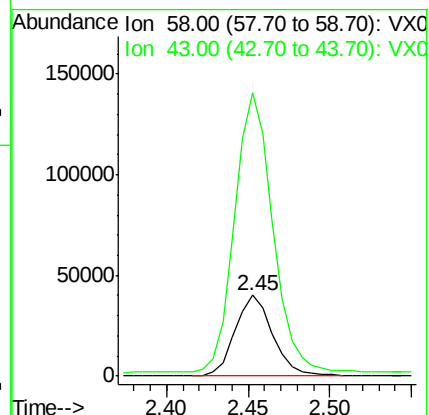
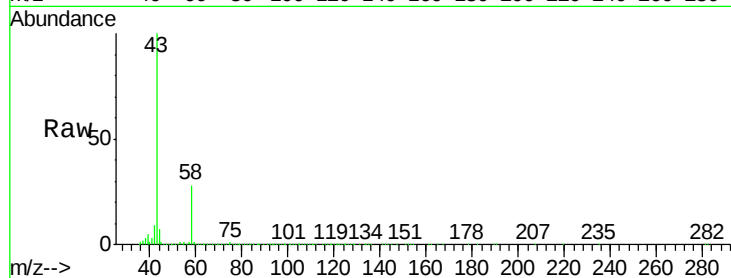
VX0525WBSD01

Tgt Ion: 58 Resp: 63635

Ion Ratio Lower Upper

58 100

43 348.3 278.8 418.2



#16

Carbon Disulfide

Concen: 19.77 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001964.D

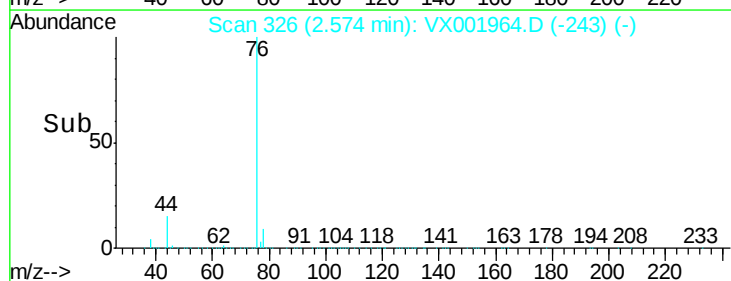
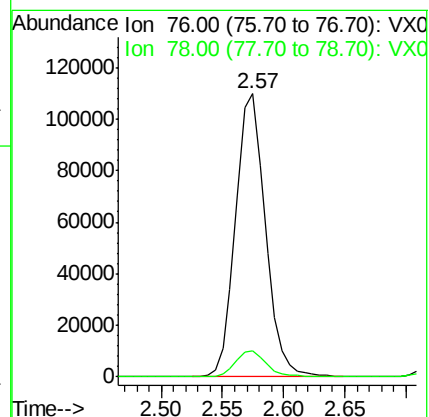
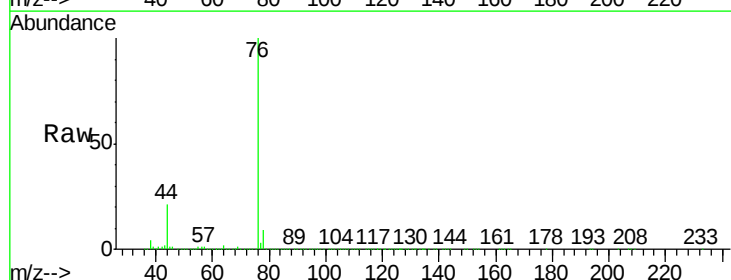
Acq: 25 May 2018 02:33

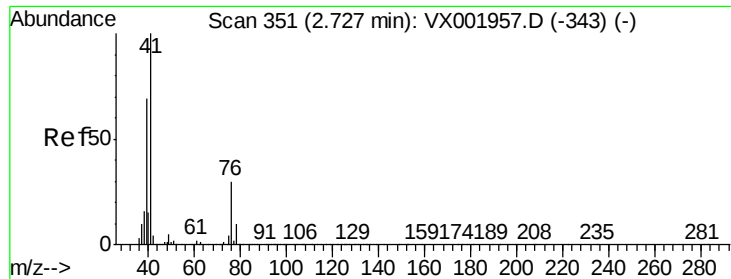
Tgt Ion: 76 Resp: 185526

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

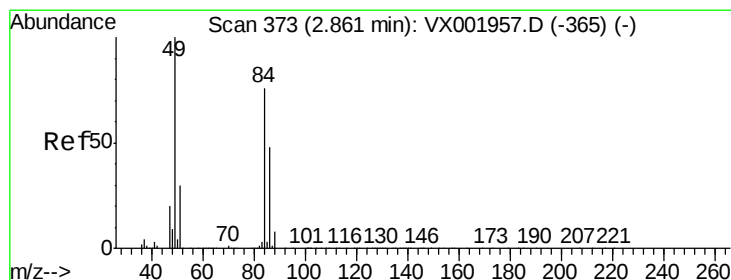
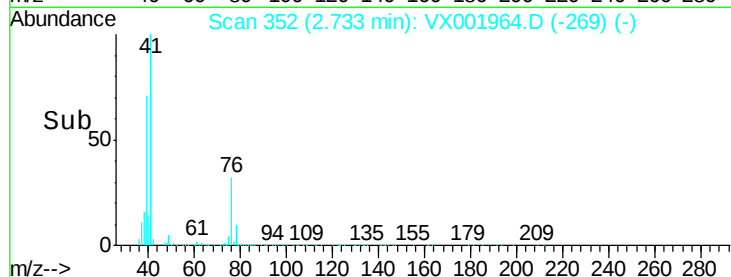
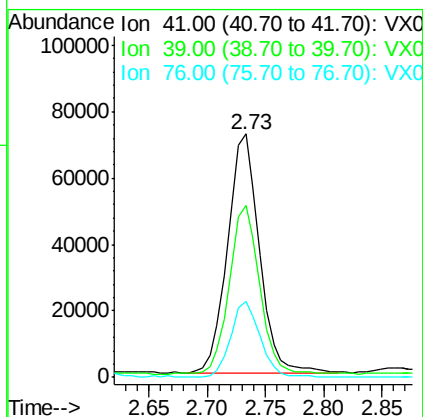
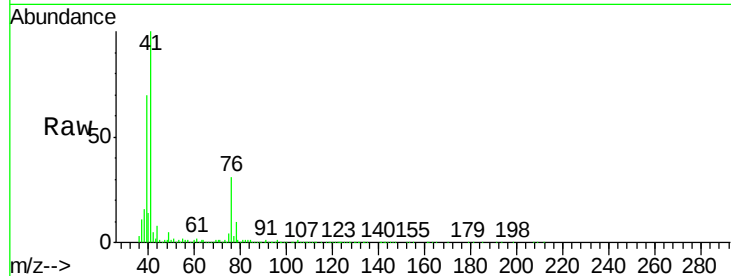




#17
 Allyl chloride
 Concen: 20.27 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

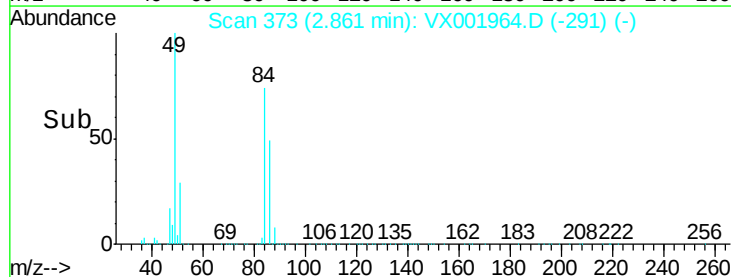
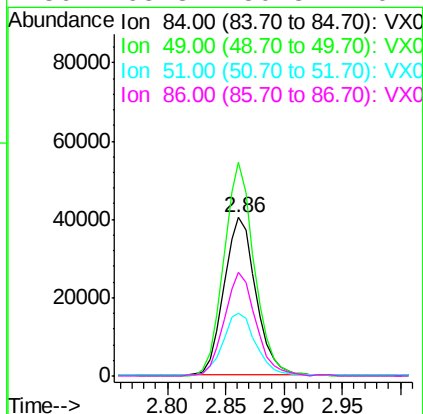
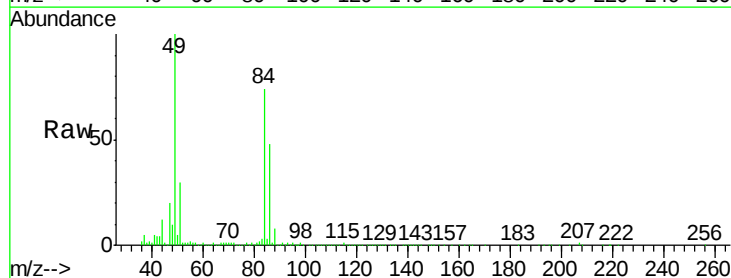
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

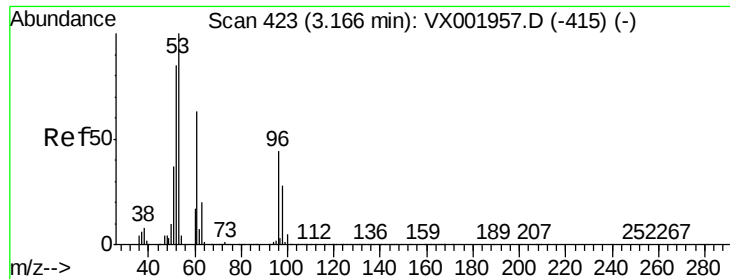
Tgt Ion: 41 Resp: 137485
 Ion Ratio Lower Upper
 41 100
 39 70.0 34.6 103.8
 76 31.4 15.0 45.1



#18
 Methylene Chloride
 Concen: 20.72 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Tgt Ion: 84 Resp: 76523
 Ion Ratio Lower Upper
 84 100
 49 135.5 104.7 157.1
 51 39.6 31.0 46.4
 86 65.3 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 20.19 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampled :

VX0525WBSD01

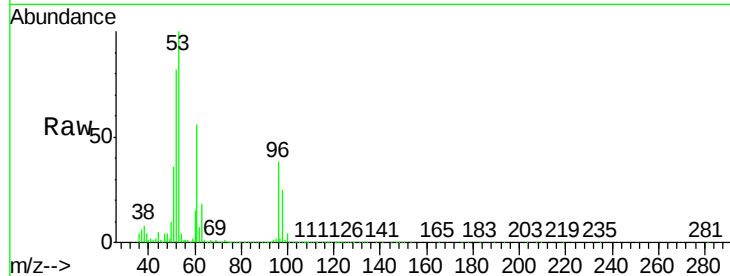
Tgt Ion: 96 Resp: 70143

Ion Ratio Lower Upper

96 100

61 146.4 114.6 172.0

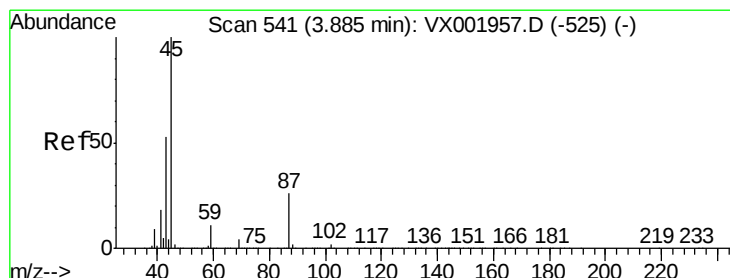
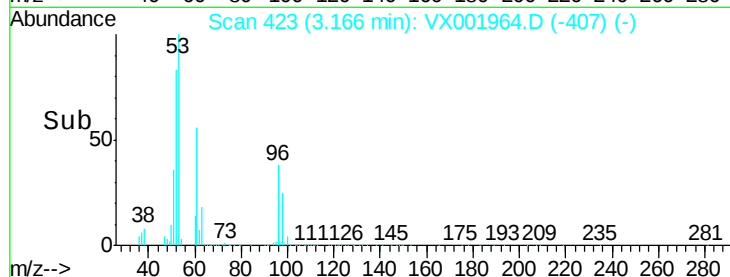
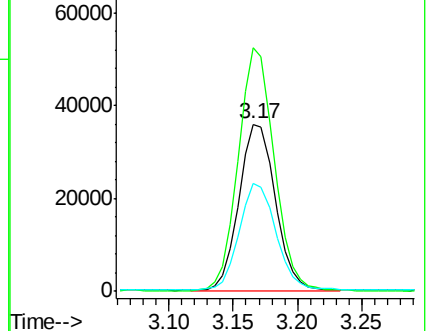
98 64.4 51.3 76.9



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: 22.27 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Tgt Ion: 45 Resp: 288465

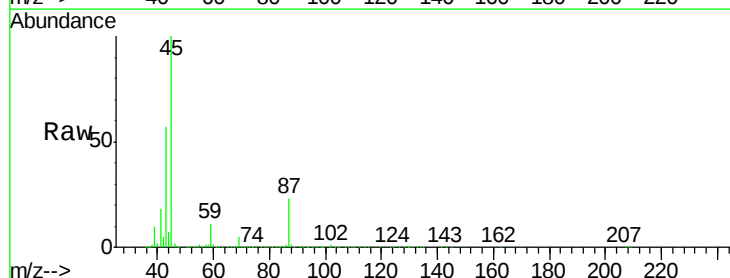
Ion Ratio Lower Upper

45 100

43 55.0 45.6 68.4

87 23.3 20.7 31.1

59 10.5 8.9 13.3

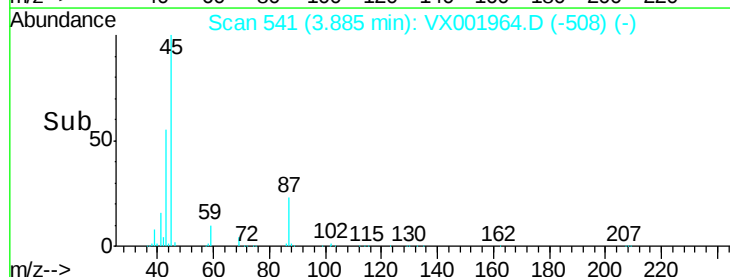
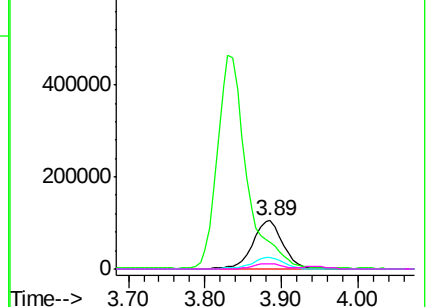


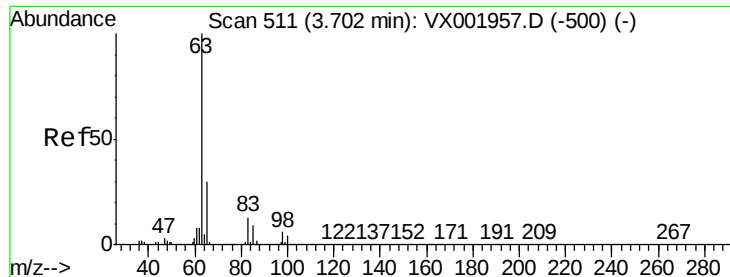
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 20.54 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

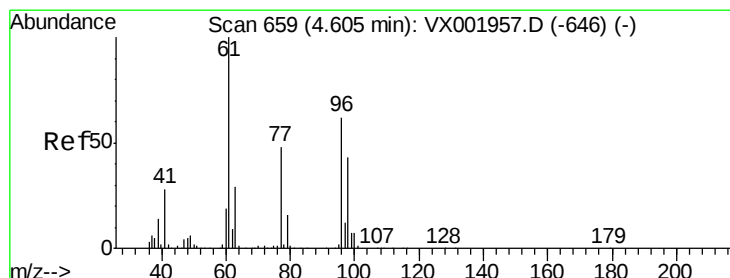
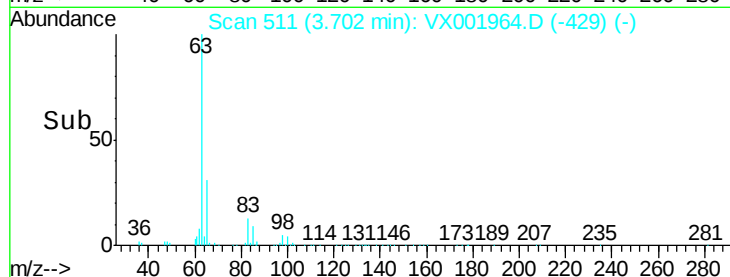
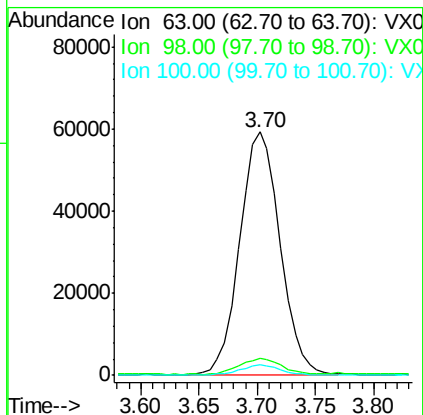
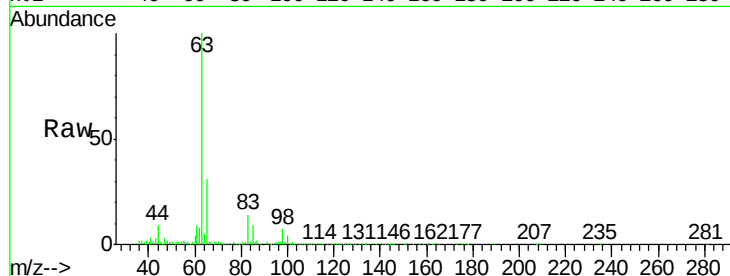
Tgt Ion: 63 Resp: 141565

Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.3

100 4.4 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 20.30 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

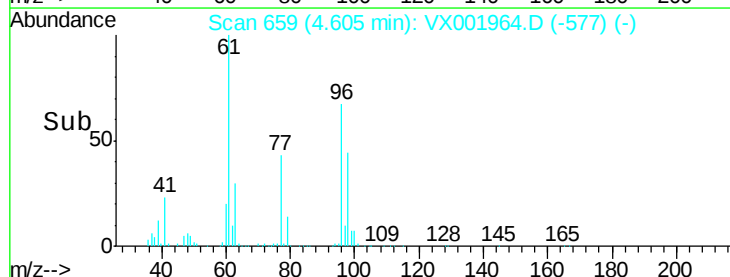
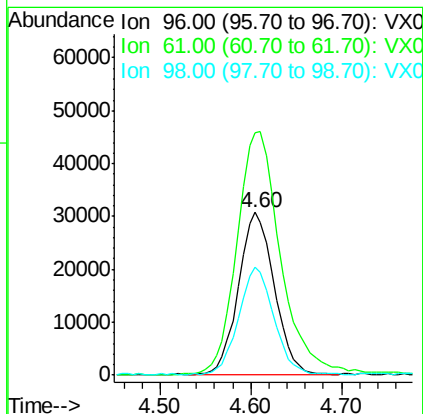
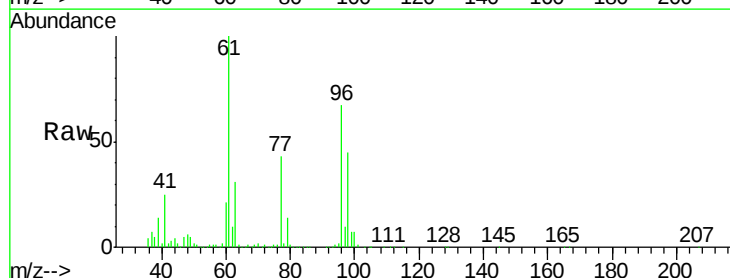
Tgt Ion: 96 Resp: 84082

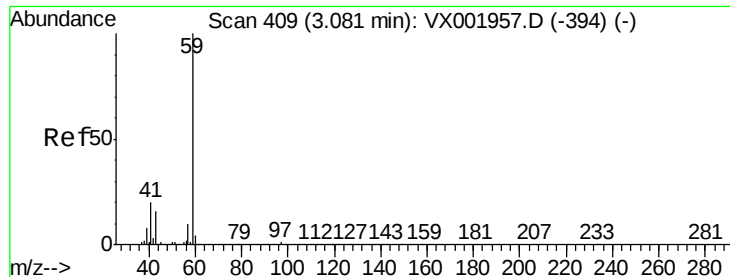
Ion Ratio Lower Upper

96 100

61 181.1 160.2 240.2

98 64.4 54.1 81.1





#23

tert-Butyl Alcohol

Concen: 107.77 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.01 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

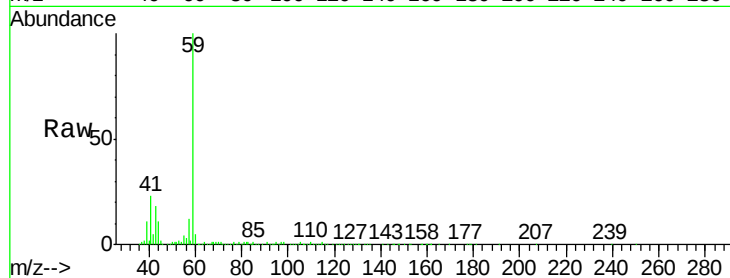
VX0525WBSD01

Tgt Ion: 59 Resp: 122496

Ion Ratio Lower Upper

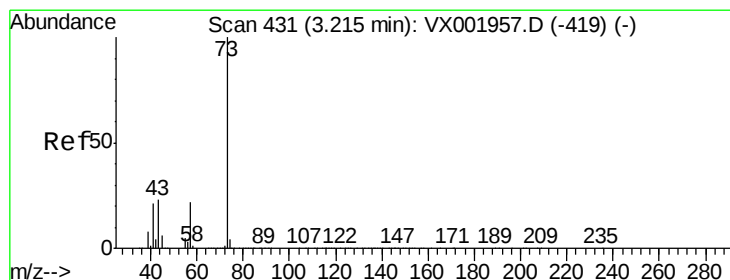
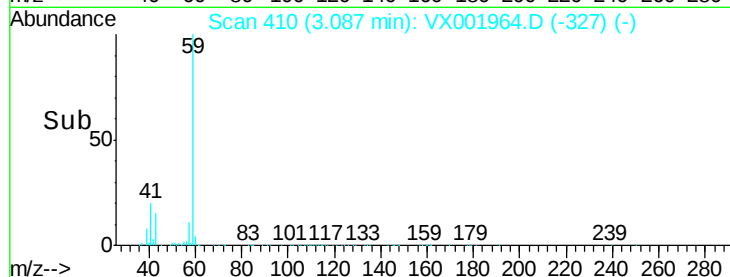
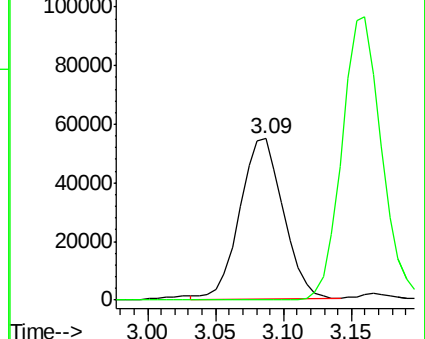
59 100

52 0.1 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 21.16 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX001964.D

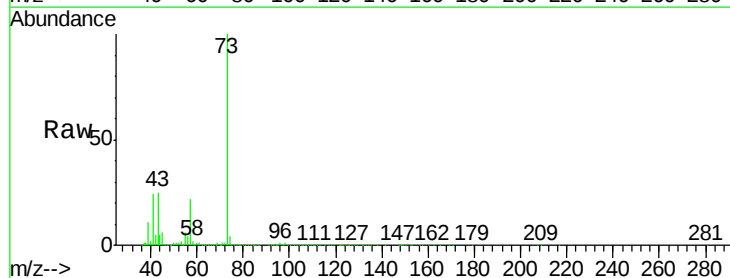
Acq: 25 May 2018 02:33

Tgt Ion: 73 Resp: 271471

Ion Ratio Lower Upper

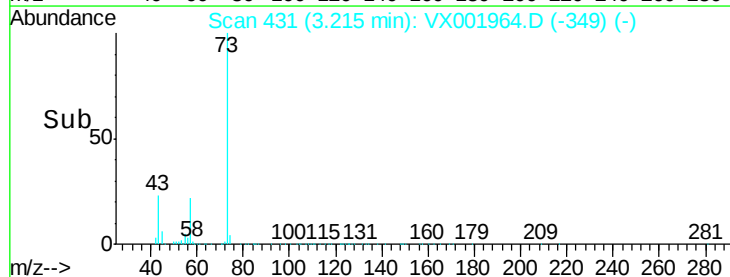
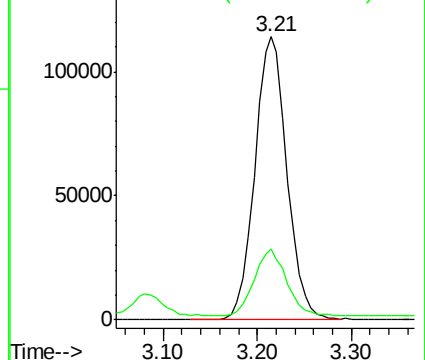
73 100

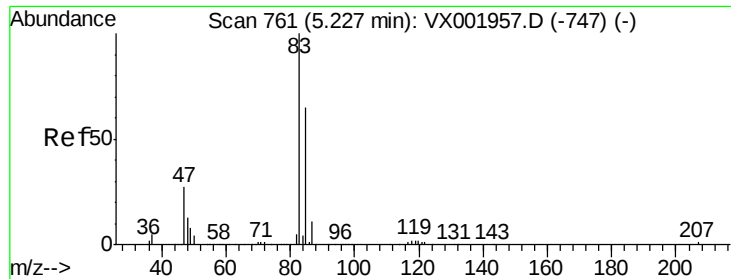
43 23.5 19.0 28.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 20.39 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

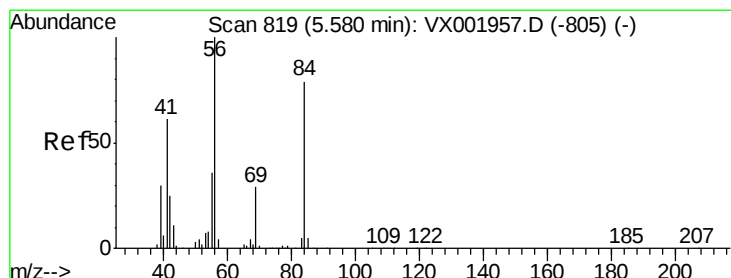
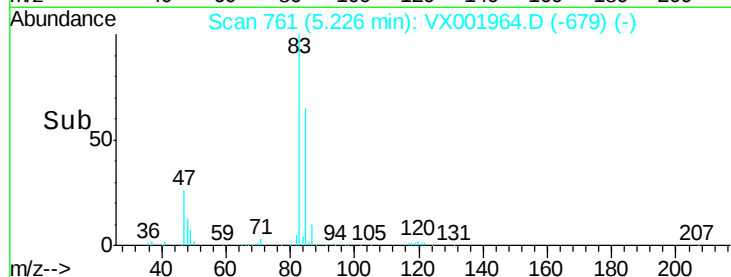
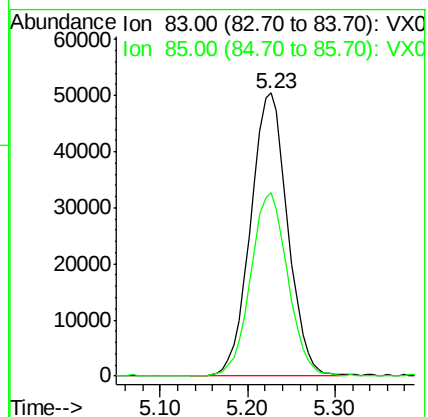
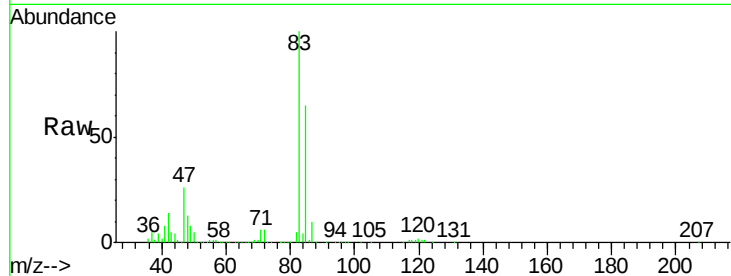
VX0525WBSD01

Tgt Ion: 83 Resp: 147782

Ion Ratio Lower Upper

83 100

85 64.8 51.9 77.9



#26

Cyclohexane

Concen: 20.20 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

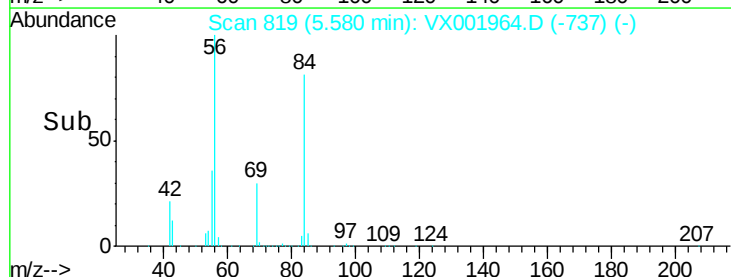
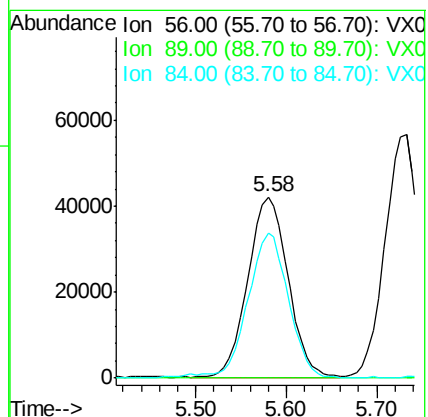
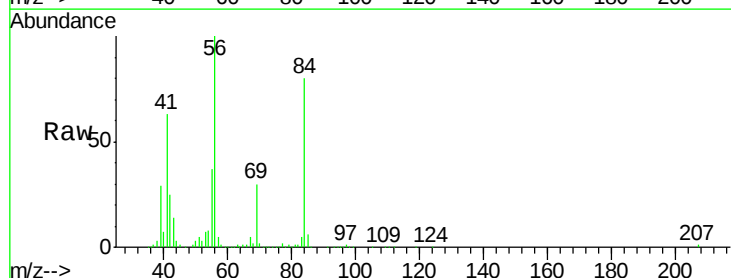
Tgt Ion: 56 Resp: 128177

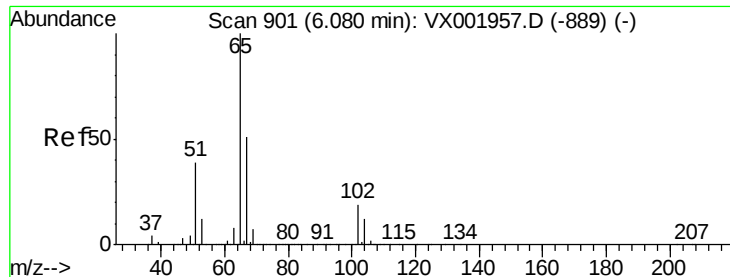
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 80.5 64.9 97.3





#27

1,2-Dichloroethane-d4

Concen: 29.87 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

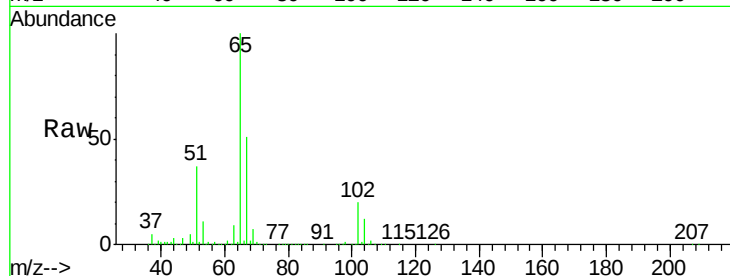
VX0525WBSD01

Tgt Ion: 65 Resp: 155233

Ion Ratio Lower Upper

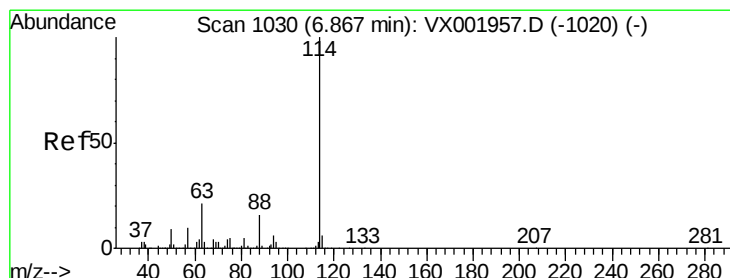
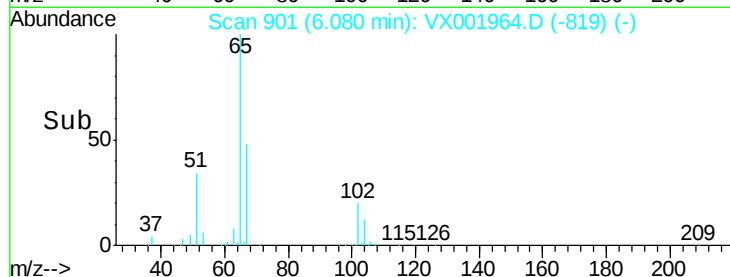
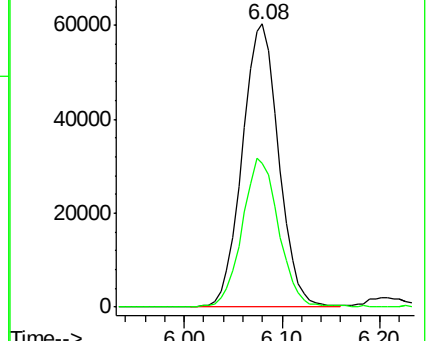
65 100

67 51.9 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

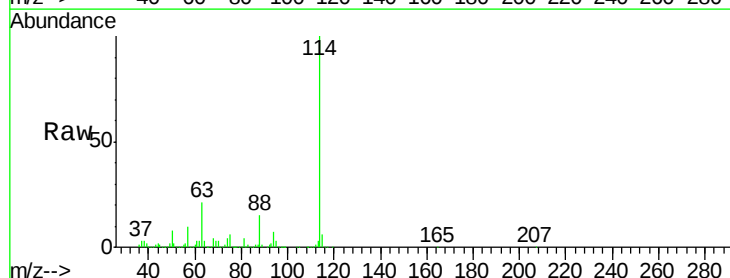
Tgt Ion: 114 Resp: 358773

Ion Ratio Lower Upper

114 100

63 21.2 17.1 25.7

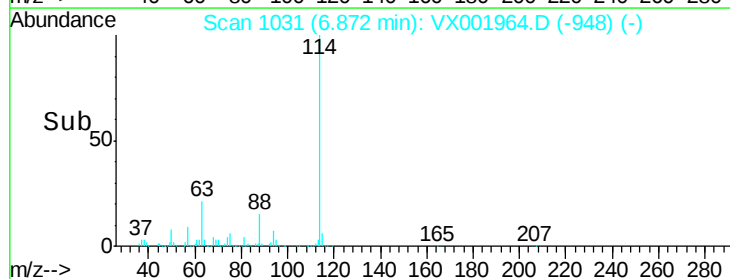
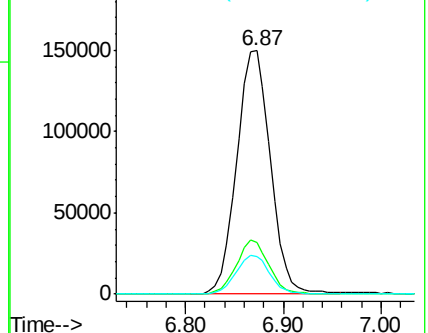
88 15.9 12.6 19.0

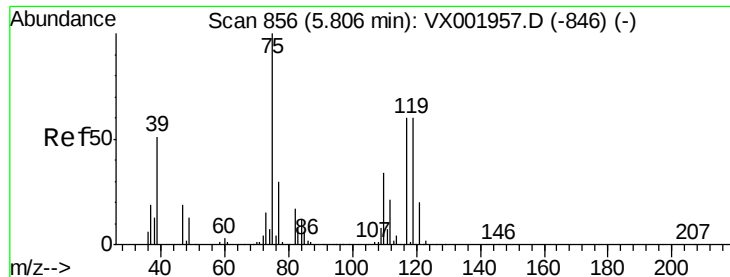


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

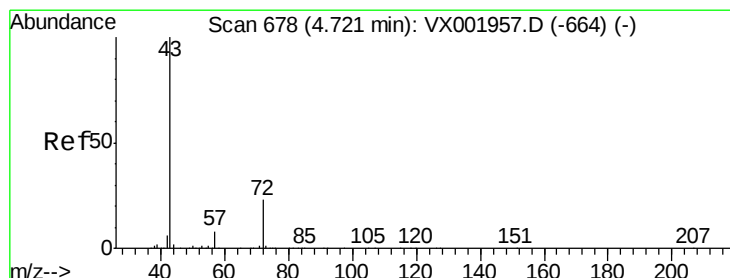
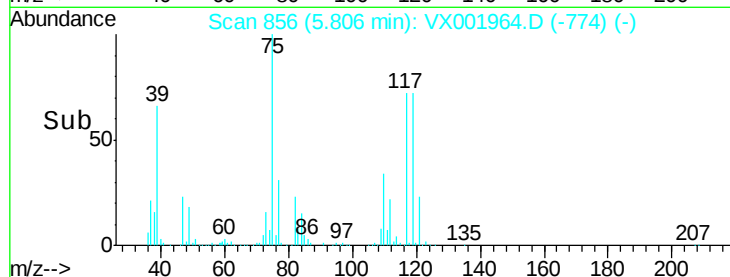
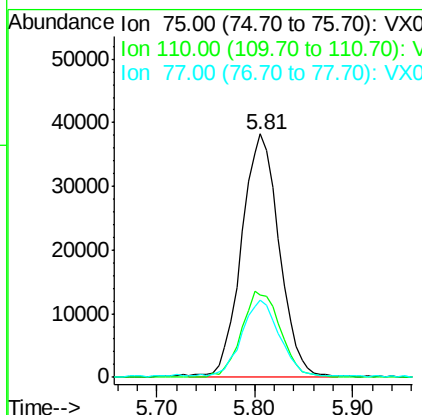
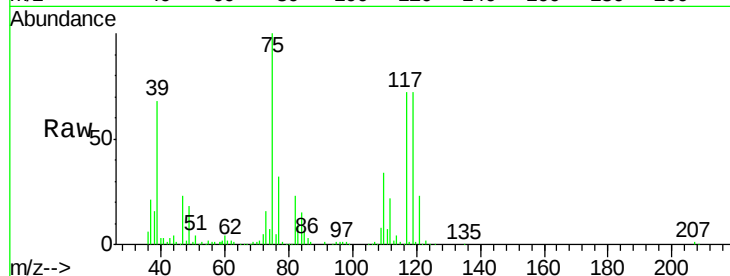




#29
 1,1-Dichloropropene
 Concen: 20.43 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

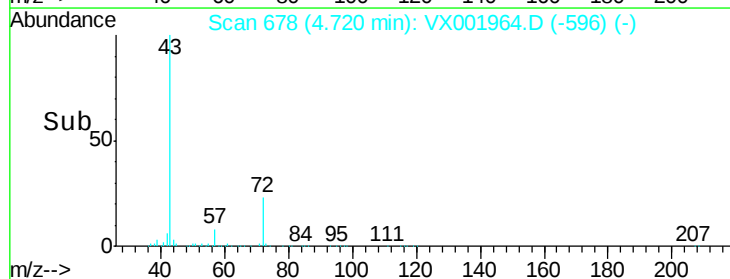
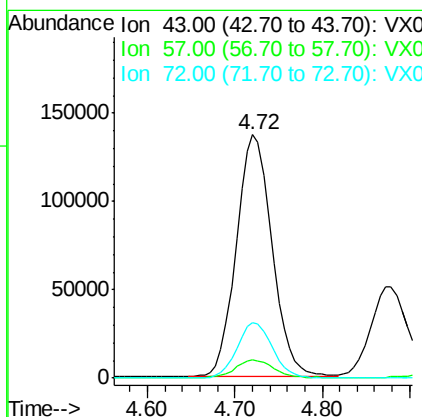
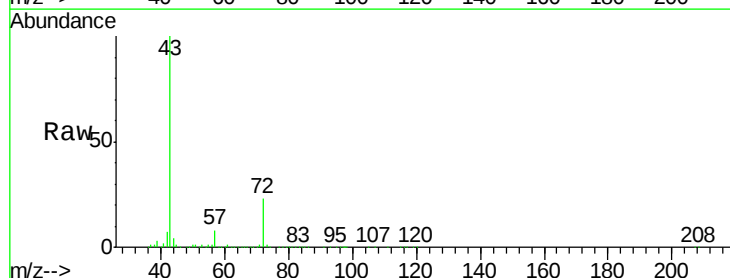
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

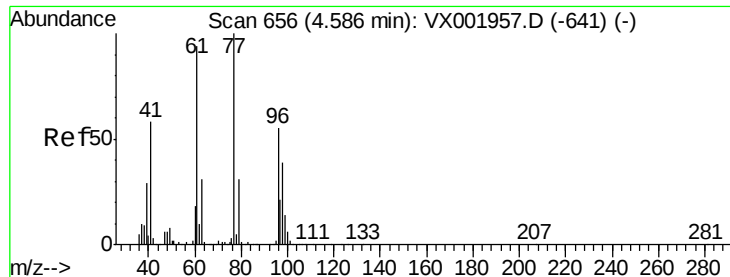
Tgt Ion: 75 Resp: 102553
 Ion Ratio Lower Upper
 75 100
 110 35.8 0.0 71.4
 77 31.0 0.0 60.6



#30
 2-Butanone
 Concen: 110.85 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Tgt Ion: 43 Resp: 388109
 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: 17.08 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

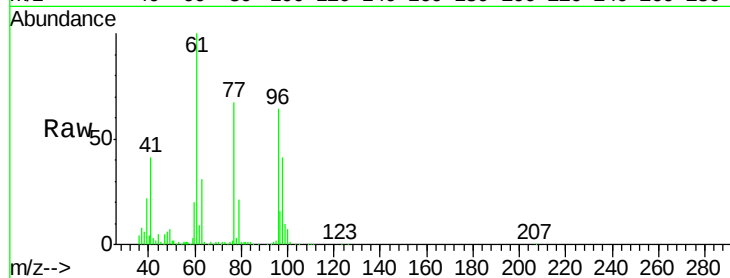
VX0525WBSD01

Tgt Ion: 77 Resp: 75364

Ion Ratio Lower Upper

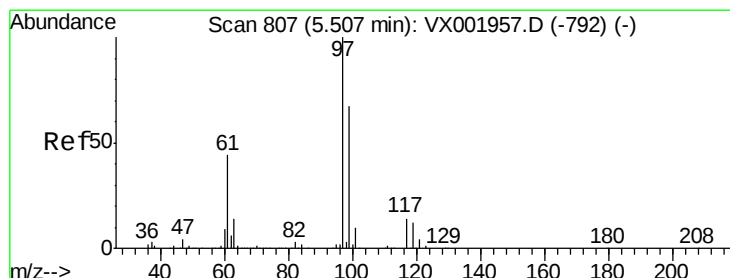
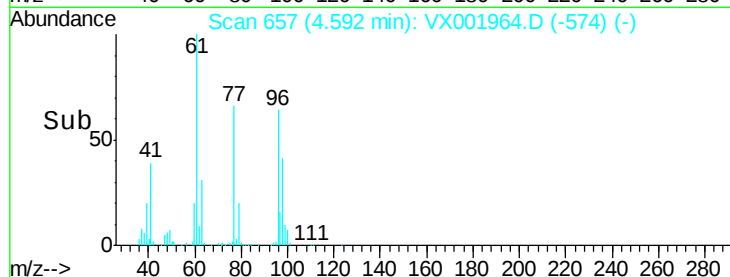
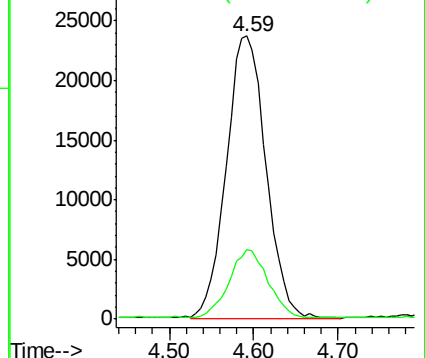
77 100

97 23.5 18.7 28.1



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.75 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

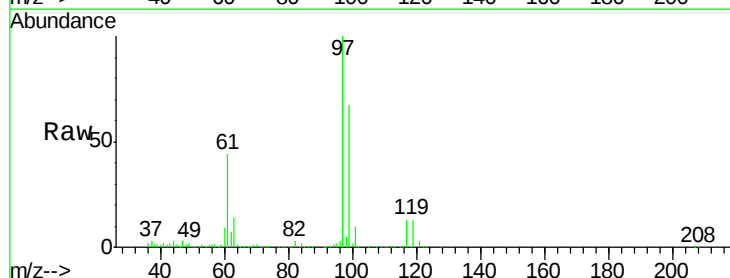
Tgt Ion: 97 Resp: 136022

Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

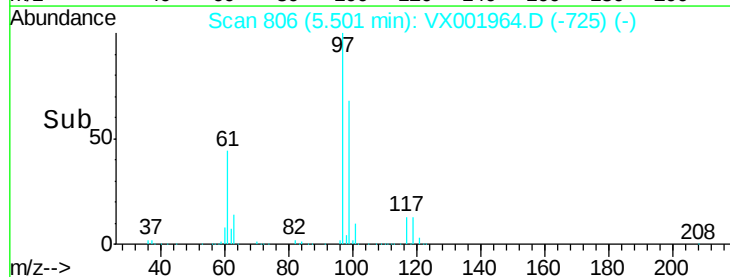
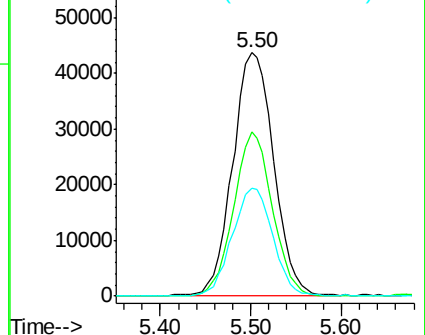
61 44.4 36.4 54.6

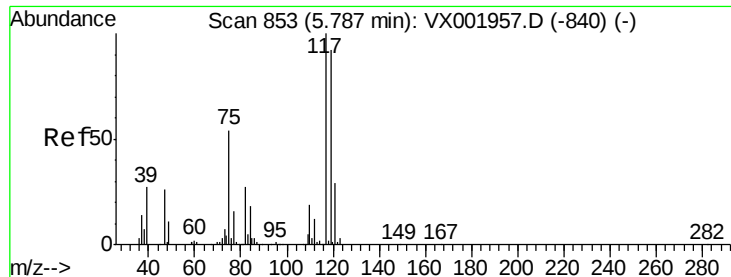


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 20.17 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

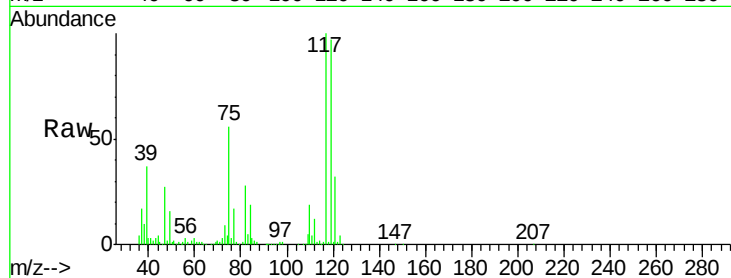
Tgt Ion:117 Resp: 120136

Ion Ratio Lower Upper

117 100

119 97.3 73.3 109.9

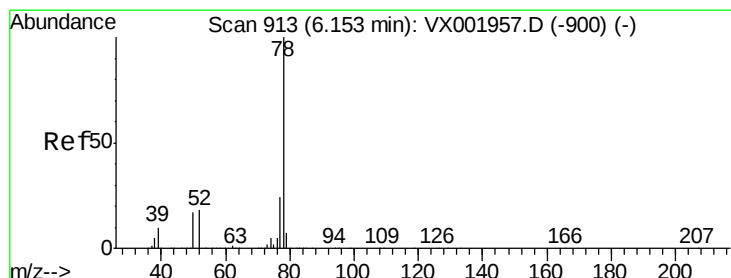
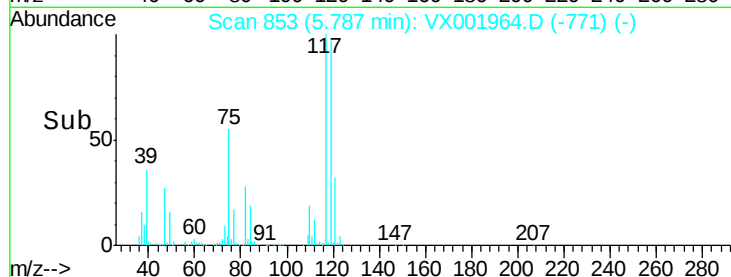
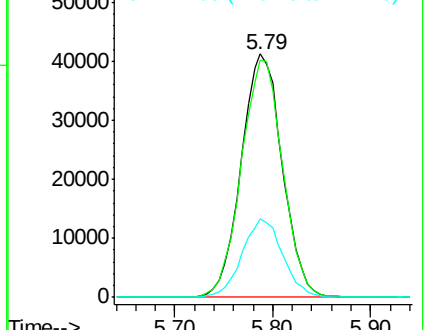
121 32.1 23.6 35.4



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: 20.87 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

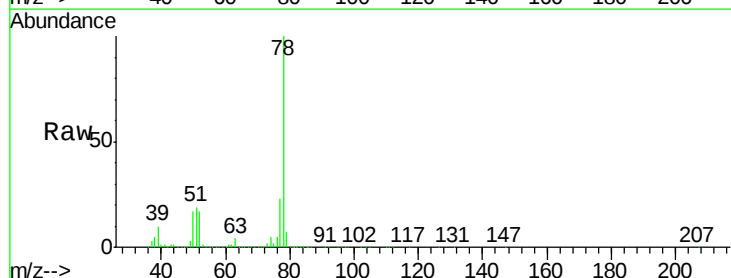
Tgt Ion: 78 Resp: 316381

Ion Ratio Lower Upper

78 100

77 23.1 19.4 29.0

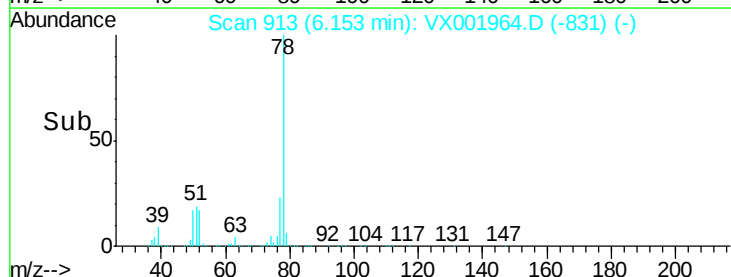
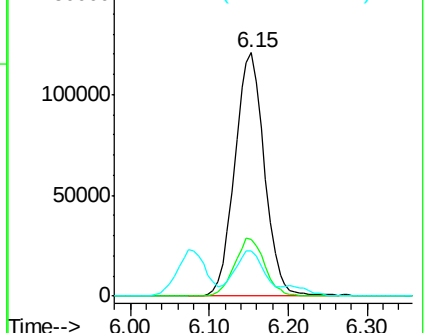
51 18.5 13.8 20.6

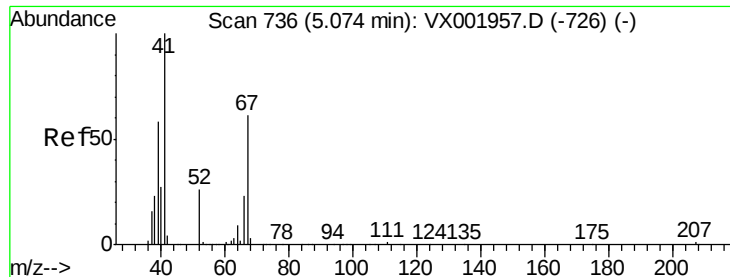


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

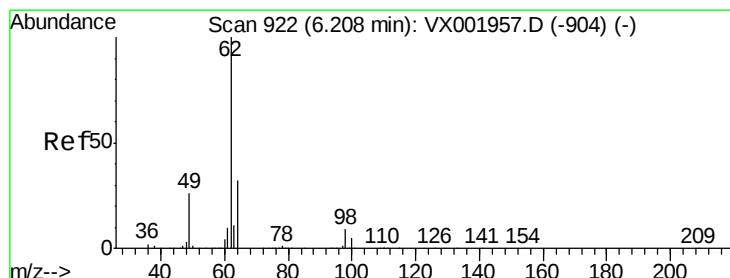
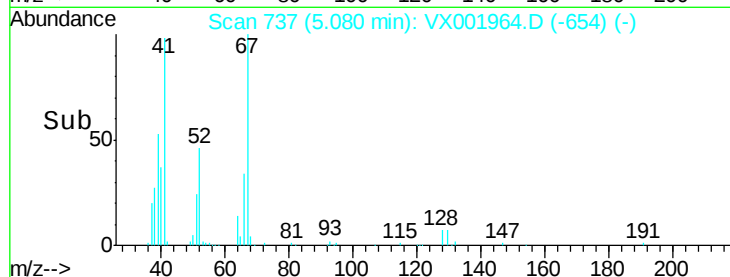
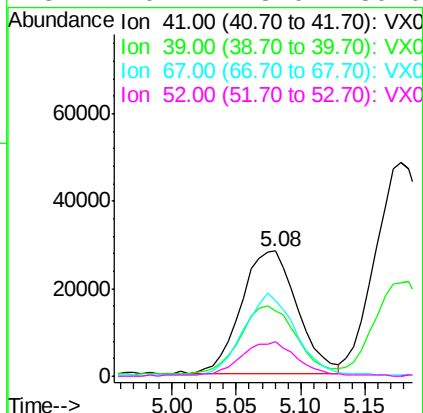
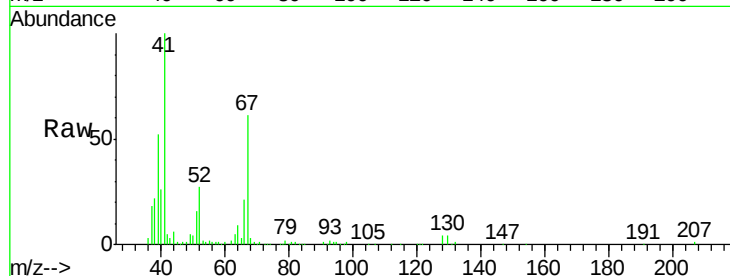




#35
Methacrylonitrile
Concen: 21.71 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

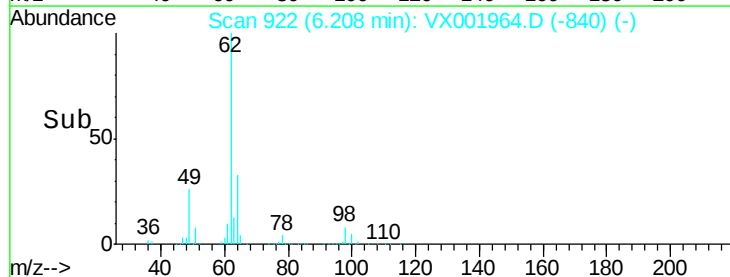
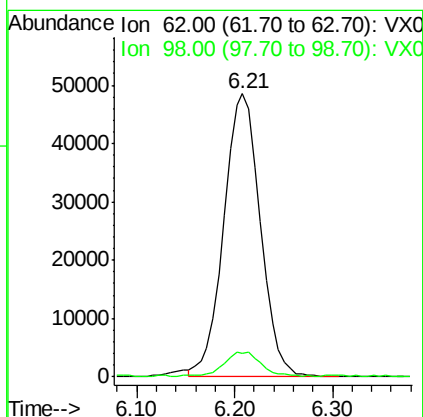
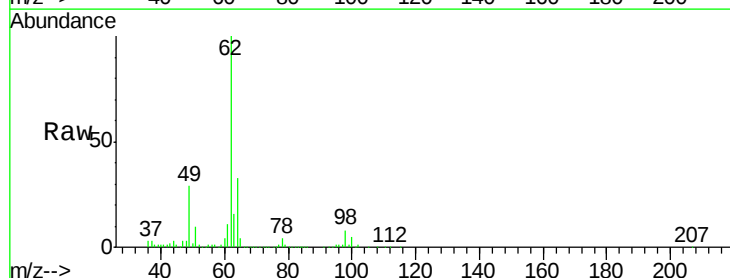
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

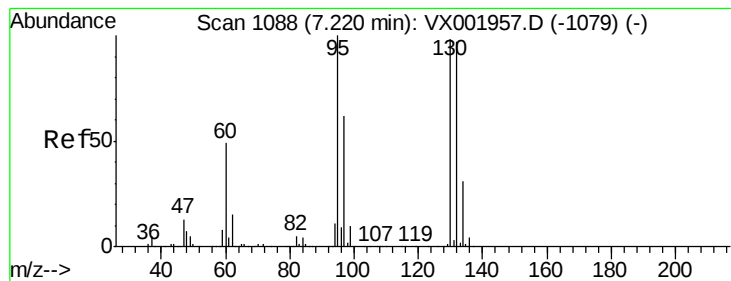
Tgt Ion:	41	Resp:	84170
Ion	Ratio	Lower	Upper
41	100		
39	51.6	28.8	86.5
67	61.4	30.4	91.2
52	26.7	13.0	39.0



#36
1,2-Dichloroethane
Concen: 21.31 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion:	62	Resp:	125853
Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.5	9.7





#37

Trichloroethene

Concen: 20.66 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

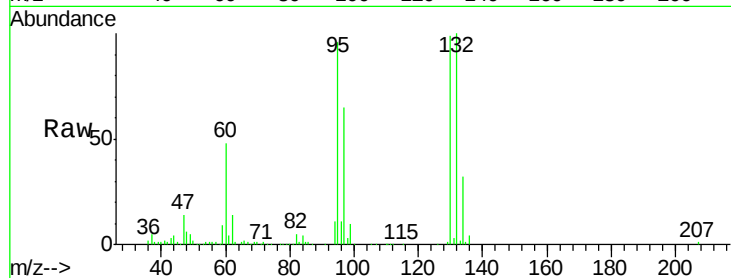
VX0525WBSD01

Tgt Ion:130 Resp: 88836

Ion Ratio Lower Upper

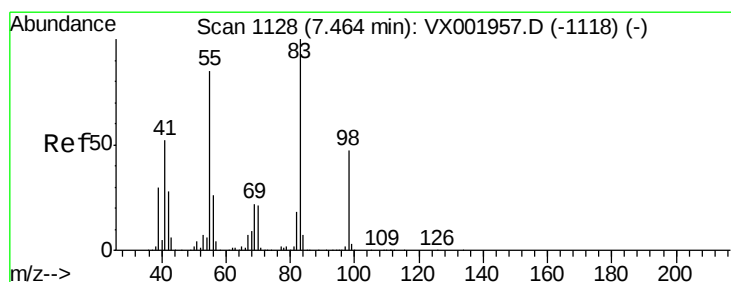
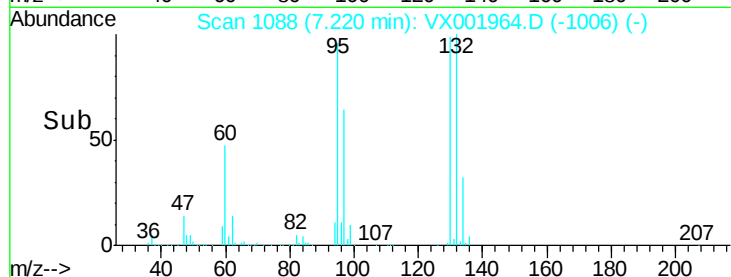
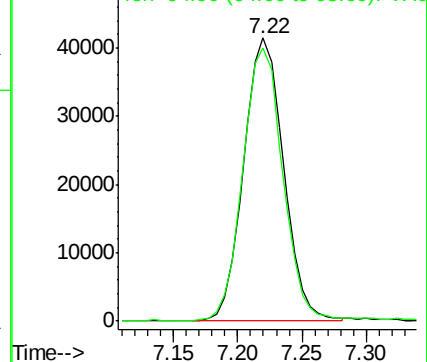
130 100

95 96.5 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: 20.33 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

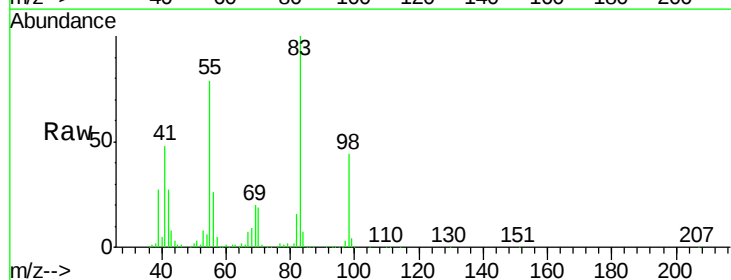
Tgt Ion: 83 Resp: 119057

Ion Ratio Lower Upper

83 100

55 81.7 40.6 121.8

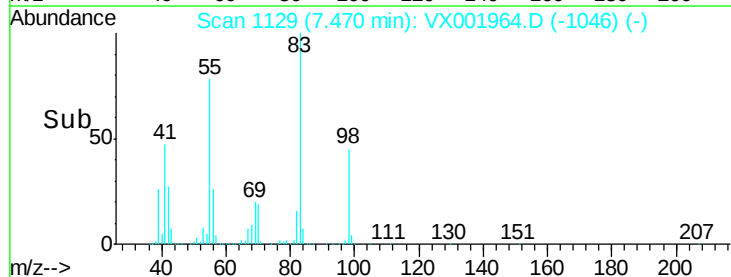
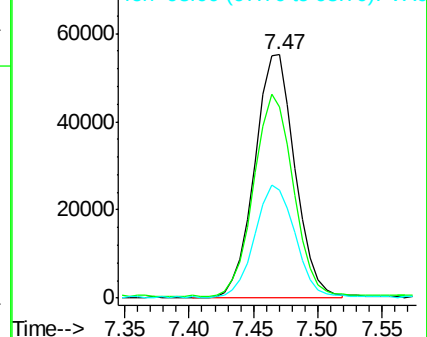
98 46.1 23.5 70.5

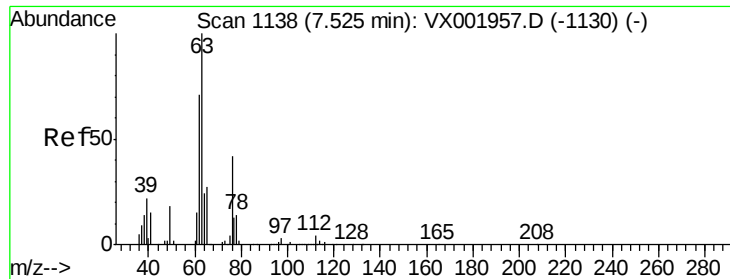


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 21.13 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

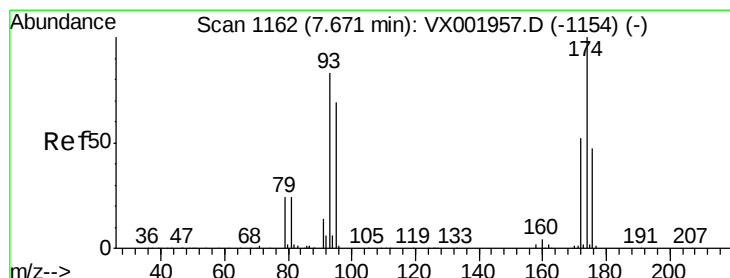
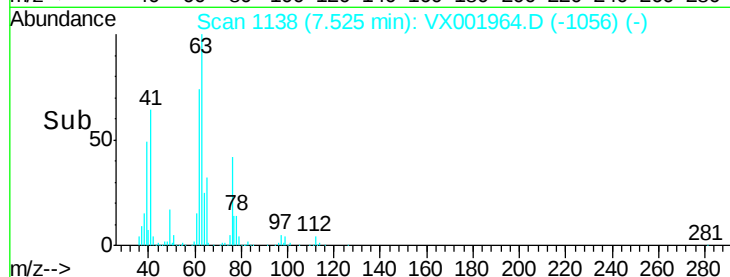
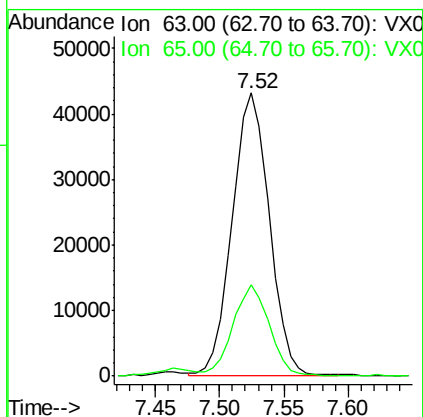
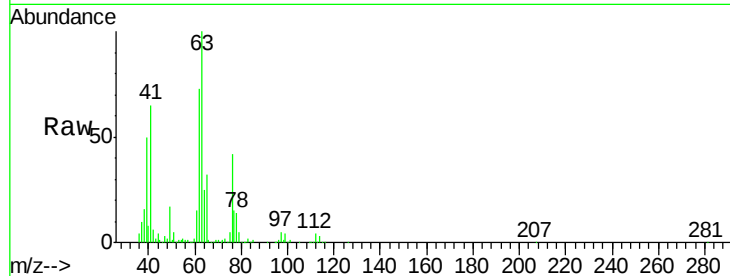
VX0525WBSD01

Tgt Ion: 63 Resp: 86607

Ion Ratio Lower Upper

63 100

65 32.0 23.3 34.9



#40

Dibromomethane

Concen: 21.58 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

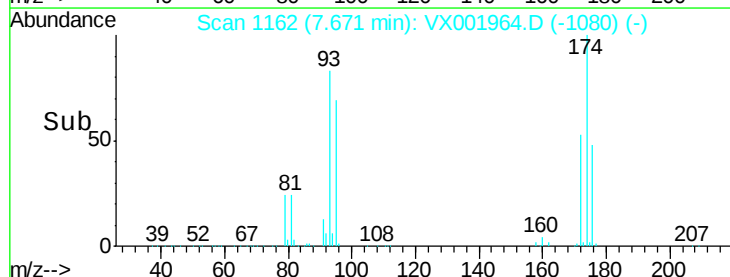
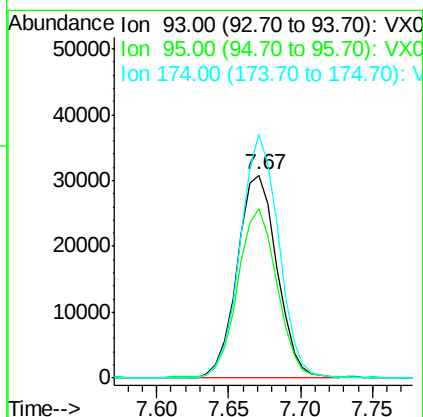
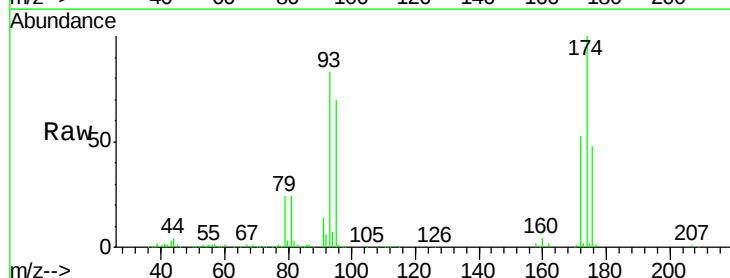
Tgt Ion: 93 Resp: 59340

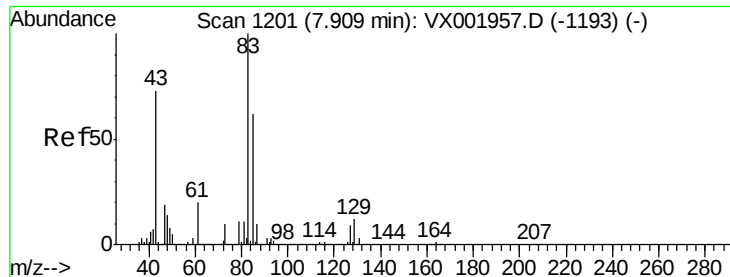
Ion Ratio Lower Upper

93 100

95 81.1 0.0 162.6

174 114.9 0.0 229.4





#41

Bromodichloromethane

Concen: 20.92 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

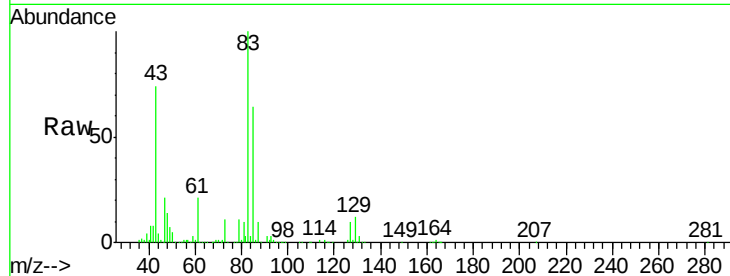
Tgt Ion: 83 Resp: 119355

Ion Ratio Lower Upper

83 100

85 63.8 49.8 74.8

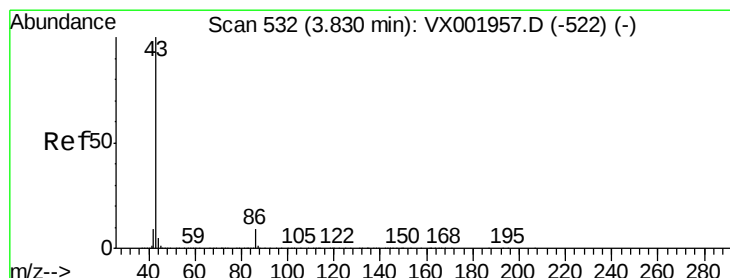
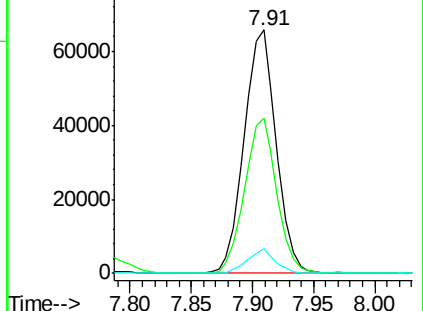
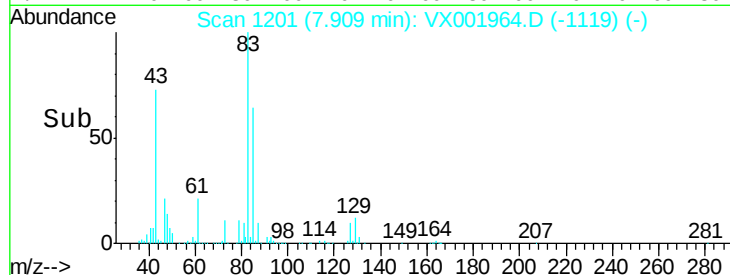
127 10.0 7.3 10.9



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: 111.07 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001964.D

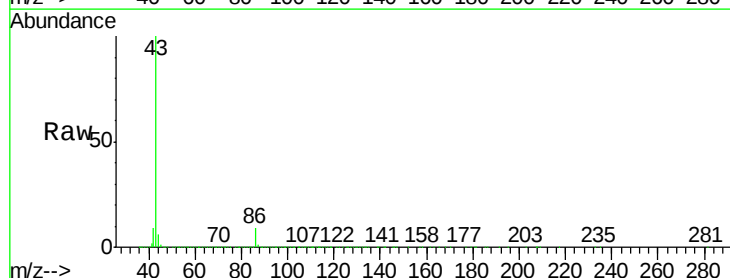
Acq: 25 May 2018 02:33

Tgt Ion: 43 Resp: 1230289

Ion Ratio Lower Upper

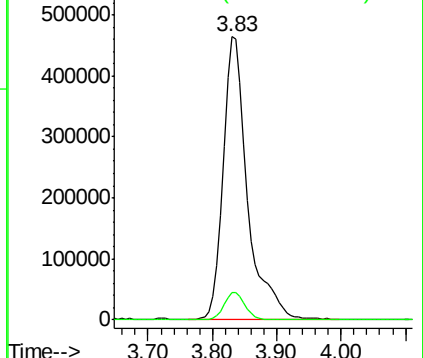
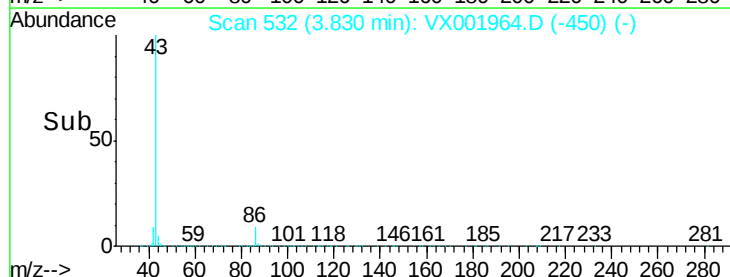
43 100

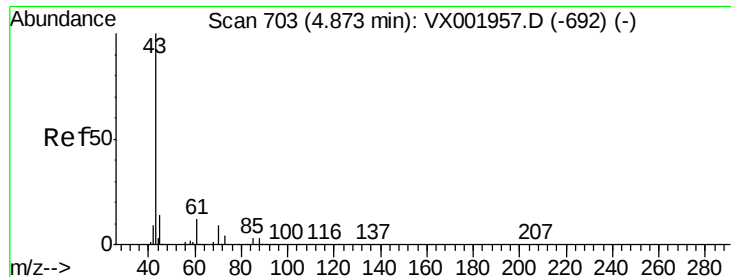
86 8.5 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

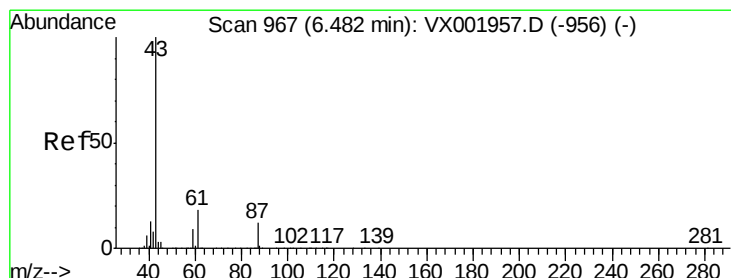
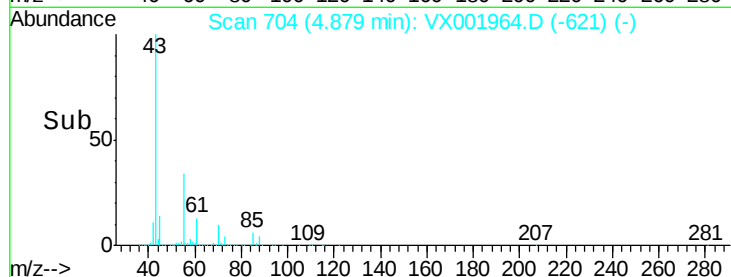
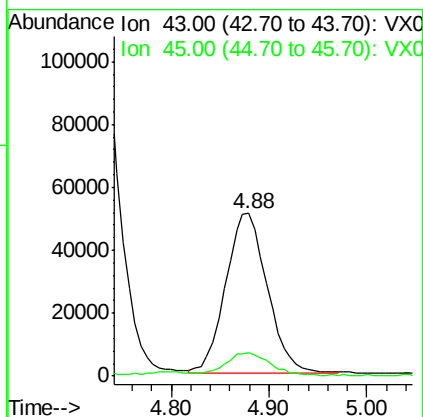
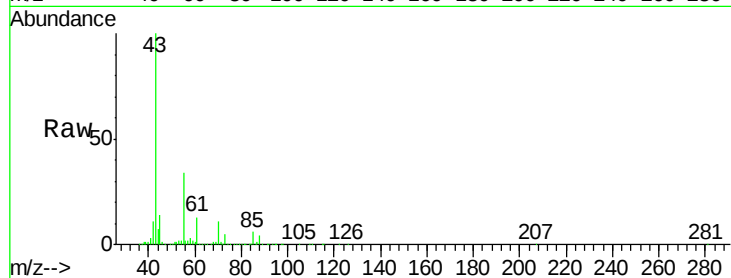




#43
Ethyl Acetate
Concen: 21.79 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

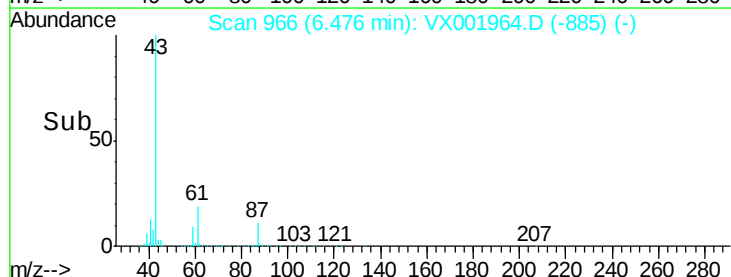
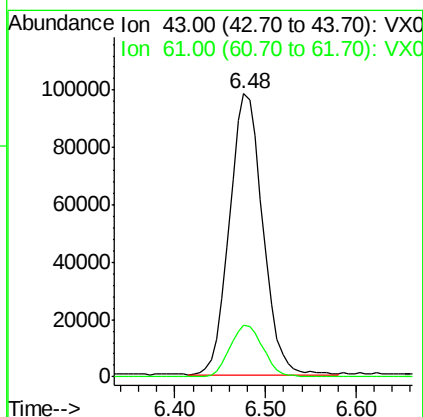
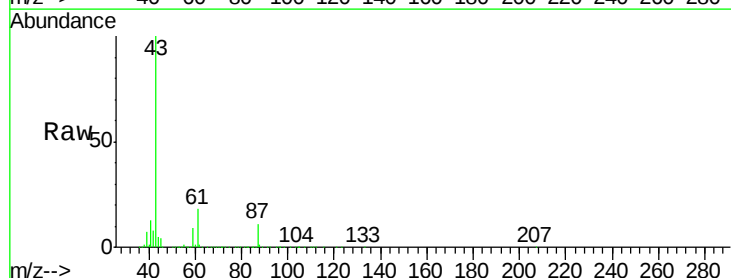
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

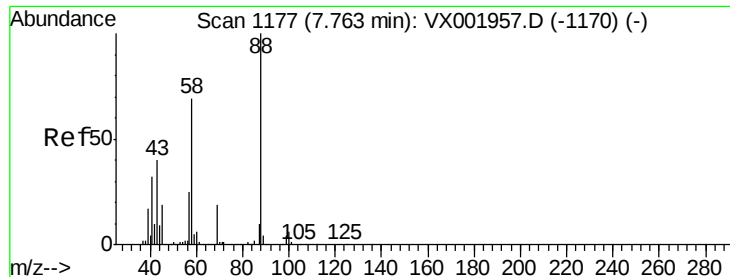
Tgt Ion: 43 Resp: 149715
Ion Ratio Lower Upper
43 100
45 14.8 11.0 16.4



#44
Isopropyl Acetate
Concen: 21.86 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion: 43 Resp: 249796
Ion Ratio Lower Upper
43 100
61 18.5 14.5 21.7





#45

1,4-Dioxane

Concen: 440.78 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

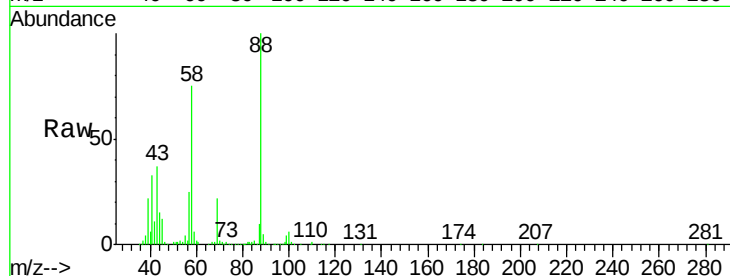
Tgt Ion: 88 Resp: 47920

Ion Ratio Lower Upper

88 100

43 40.4 43.2 64.8#

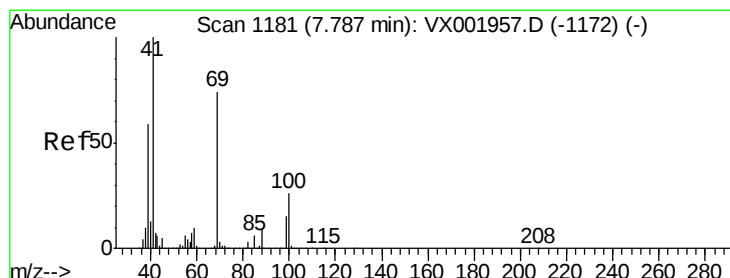
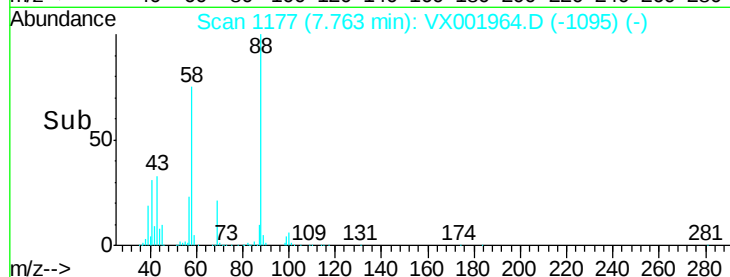
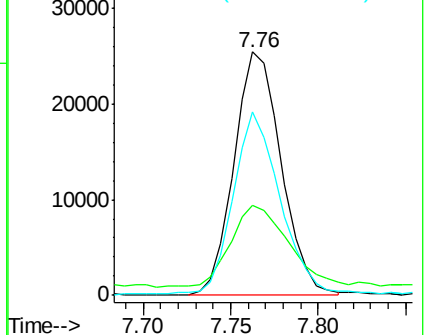
58 74.7 60.2 90.2



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: 21.54 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

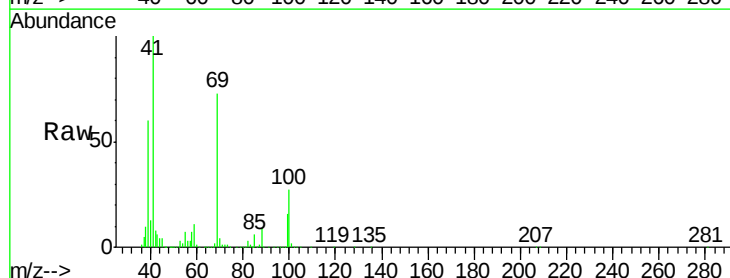
Tgt Ion: 41 Resp: 124643

Ion Ratio Lower Upper

41 100

69 73.1 37.0 110.9

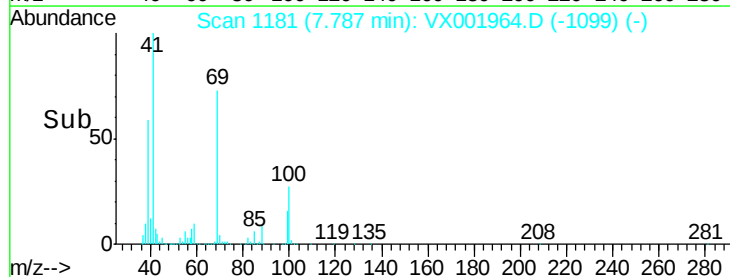
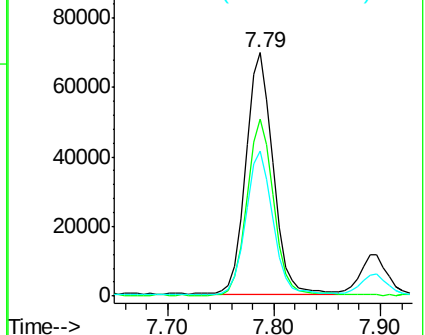
39 59.1 29.6 88.9

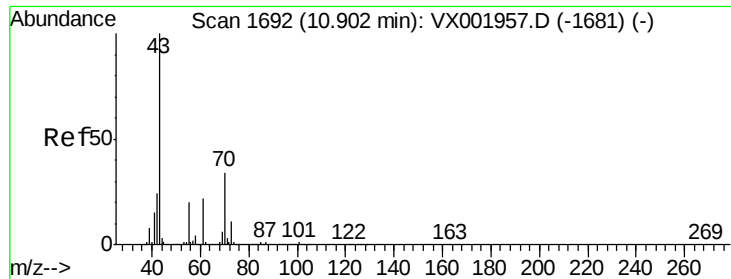


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amy1 Acetate

Concen: 20.71 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

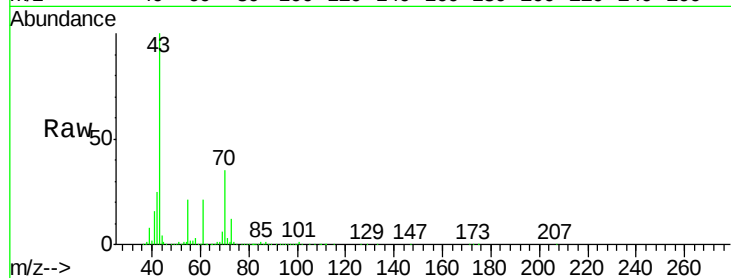
VX0525WBSD01

Tgt Ion: 43 Resp: 217727

Ion Ratio Lower Upper

43 100

55 21.4 0.1 0.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

200000

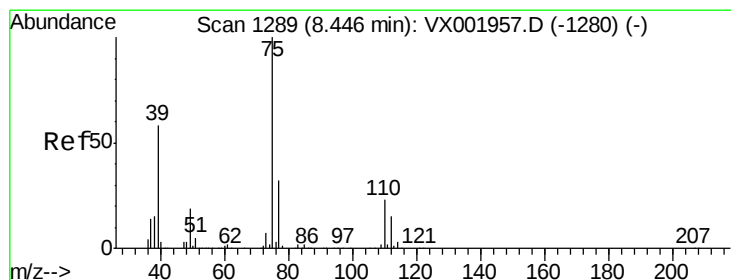
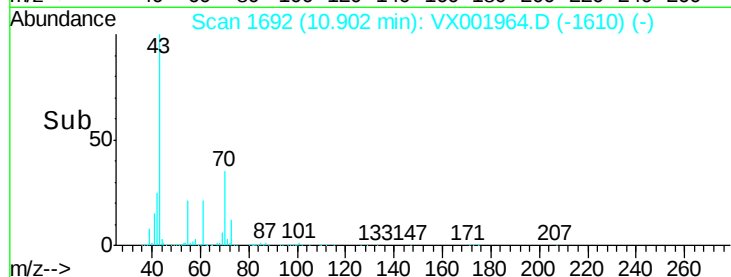
150000

100000

50000

0

Time--> 10.85 10.90 10.95



#48

t-1,3-Dichloropropene

Concen: 20.16 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001964.D

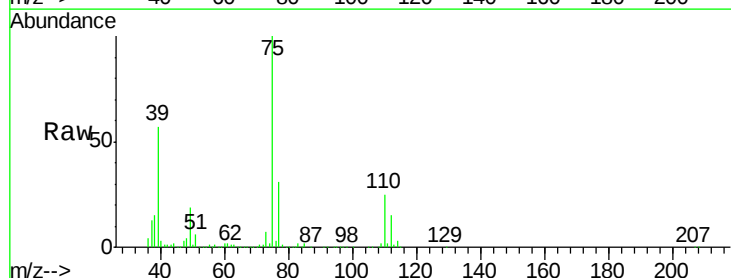
Acq: 25 May 2018 02:33

Tgt Ion: 75 Resp: 129250

Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

8.45

80000

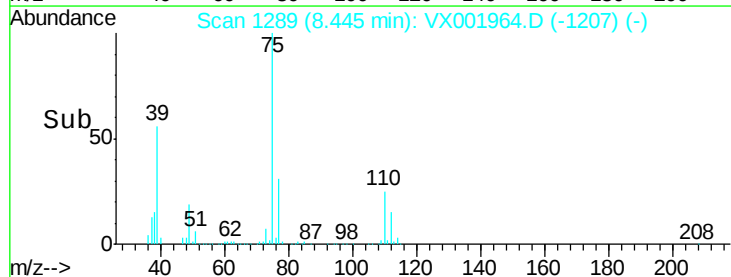
60000

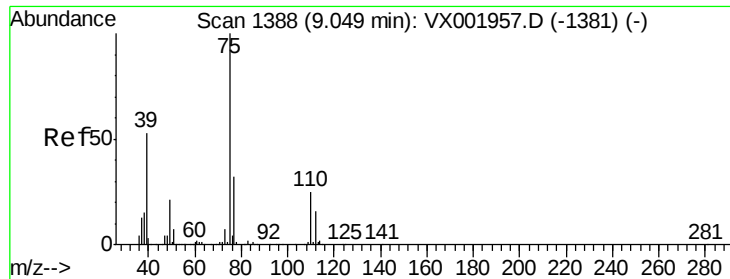
40000

20000

0

Time--> 8.35 8.40 8.45 8.50 8.55



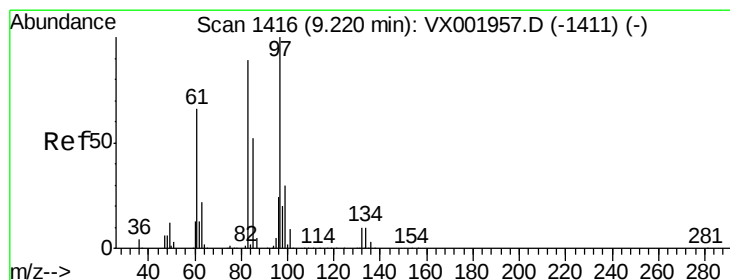
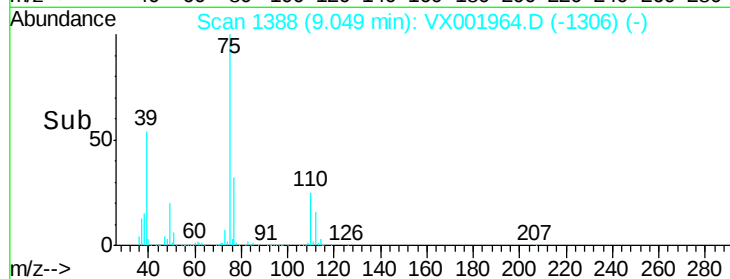
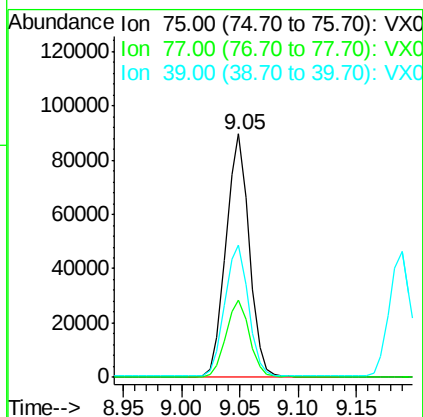
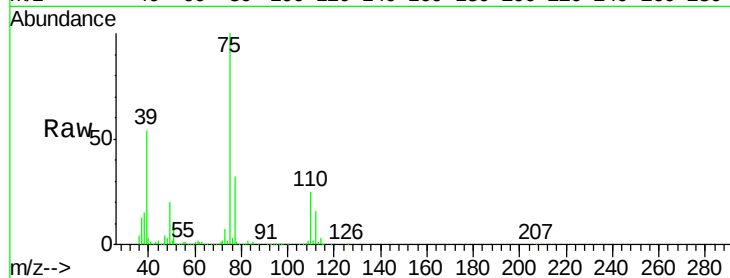


#49

cis-1,3-Dichloropropene
Concen: 20.13 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

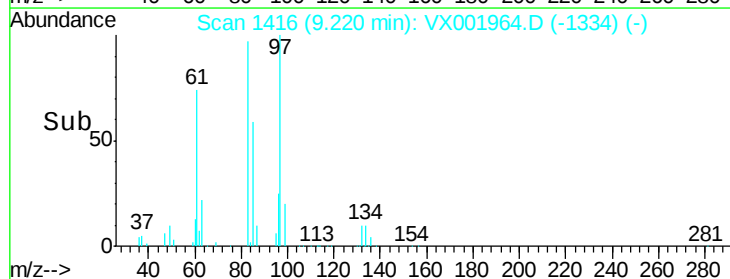
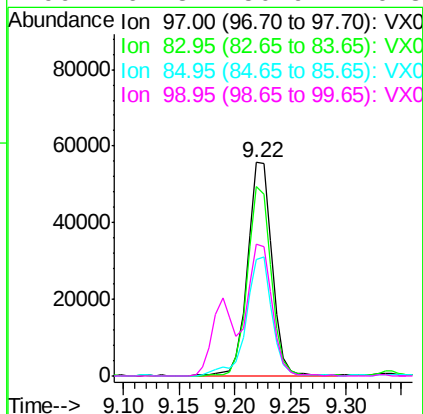
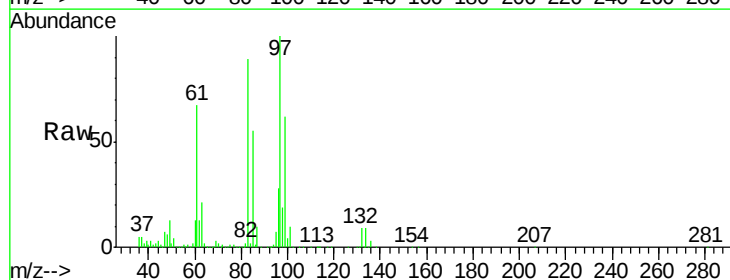
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.2
39	53.7	42.3	63.5

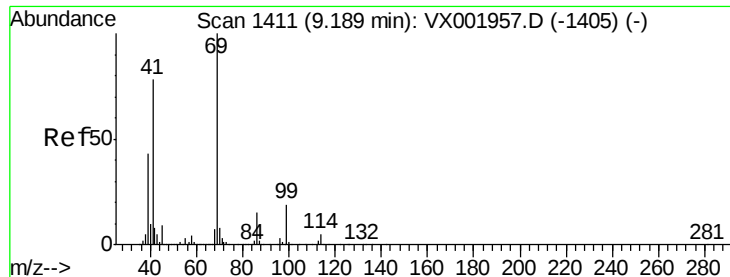


#50

1,1,2-Trichloroethane
Concen: 21.50 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.8	106.2
85	54.5	43.5	65.3
99	61.8	50.9	76.3





#51

Ethyl methacrylate

Concen: 21.18 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

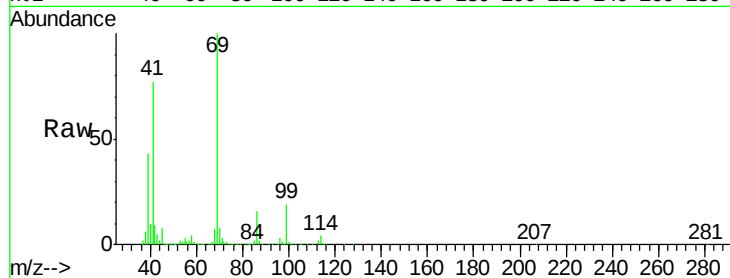
Tgt Ion: 69 Resp: 144821

Ion Ratio Lower Upper

69 100

41 76.8 39.1 117.3

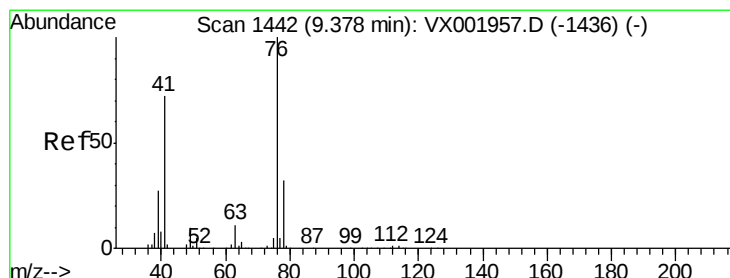
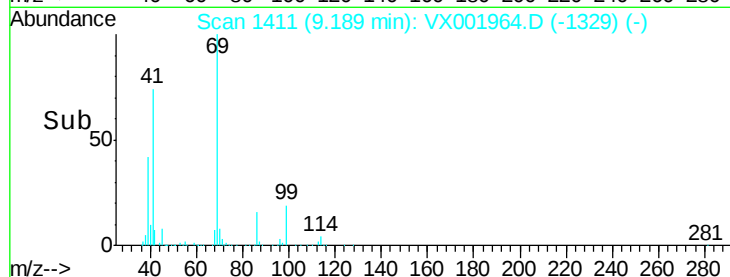
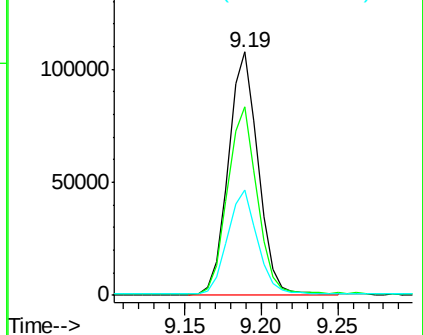
39 42.7 21.7 65.1



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



#52

1,3-Dichloropropane

Concen: 21.29 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001964.D

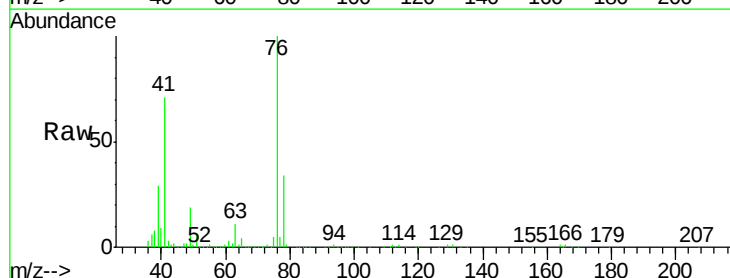
Acq: 25 May 2018 02:33

Tgt Ion: 76 Resp: 141784

Ion Ratio Lower Upper

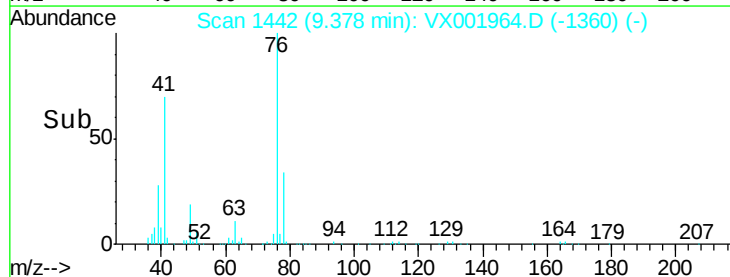
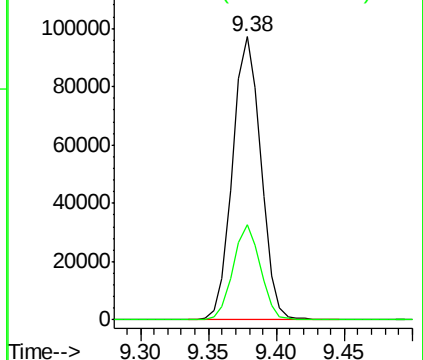
76 100

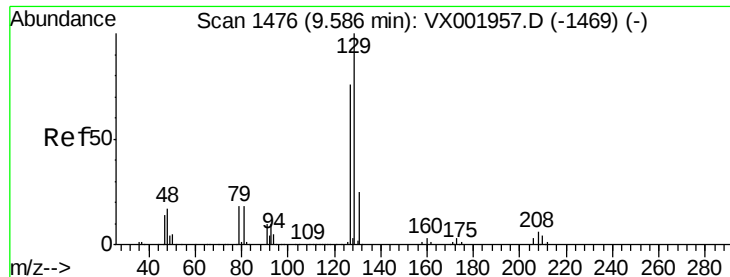
78 32.4 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.70 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.01 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

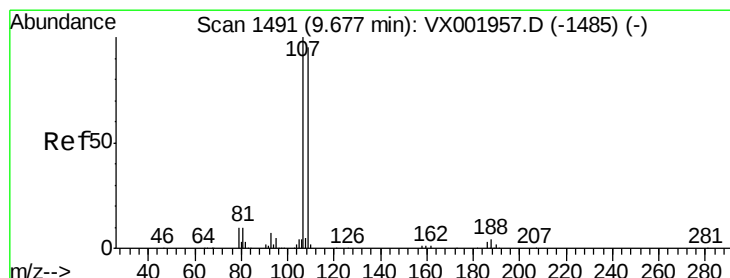
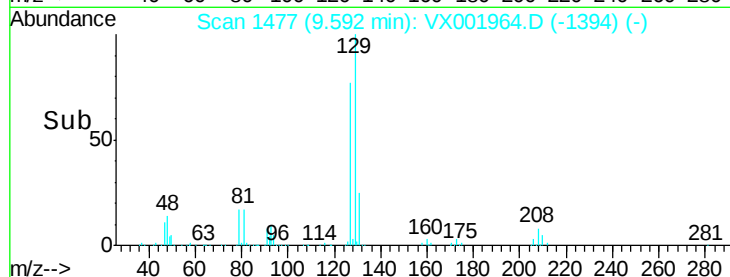
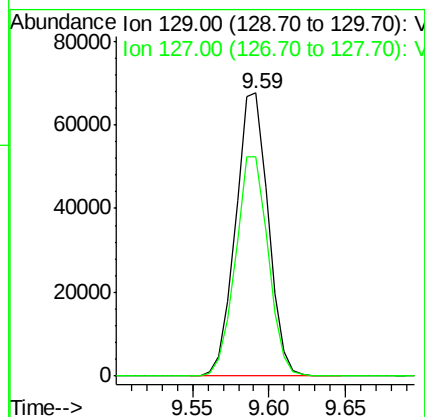
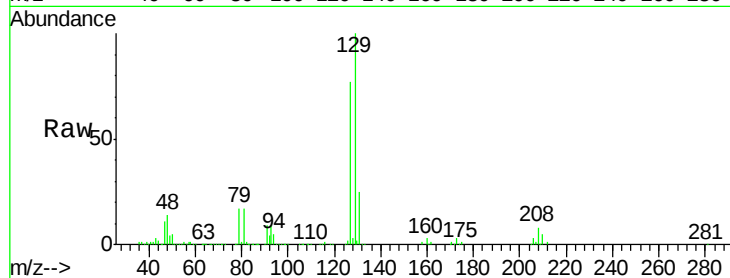
VX0525WBSD01

Tgt Ion:129 Resp: 99812

Ion Ratio Lower Upper

129 100

127 77.5 38.5 115.3



#54

1,2-Dibromoethane

Concen: 21.01 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001964.D

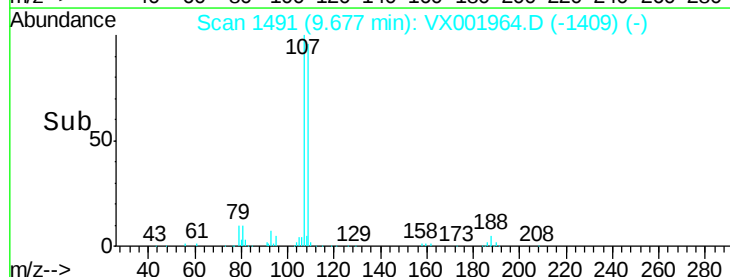
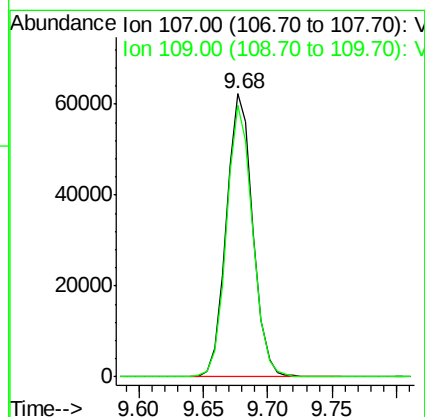
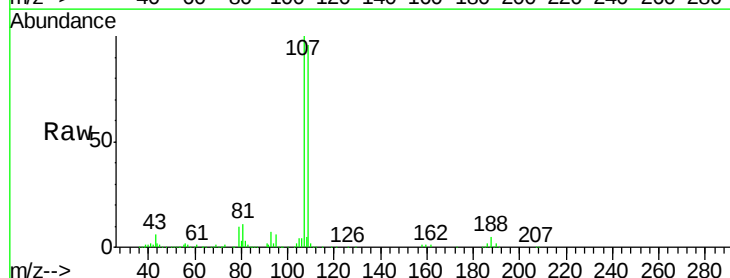
Acq: 25 May 2018 02:33

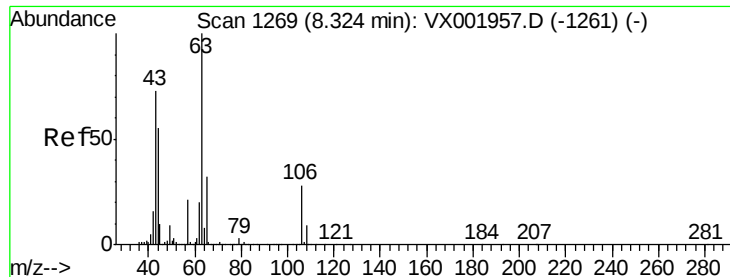
Tgt Ion:107 Resp: 89794

Ion Ratio Lower Upper

107 100

109 95.1 75.5 113.3

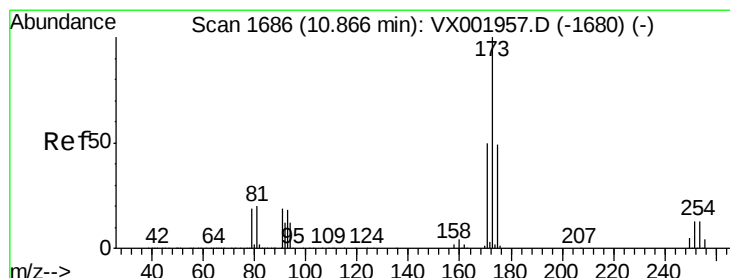
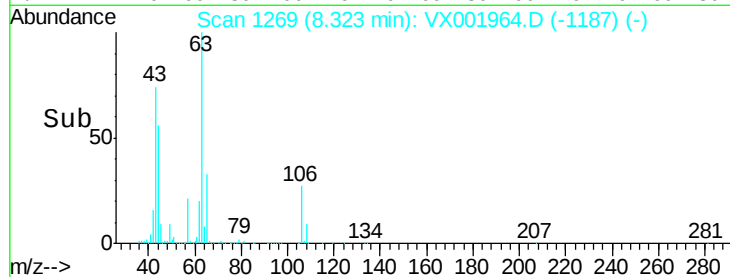
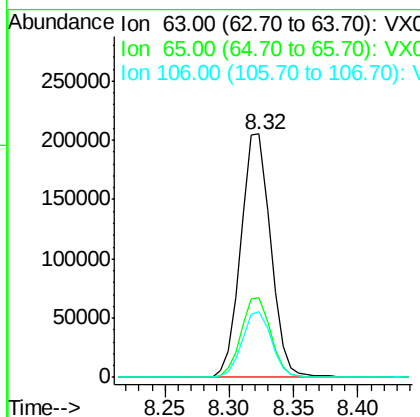
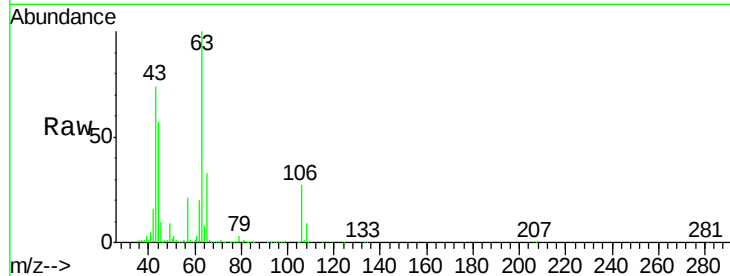




#55
 2-Chloroethyl vinyl ether
 Concen: 102.78 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

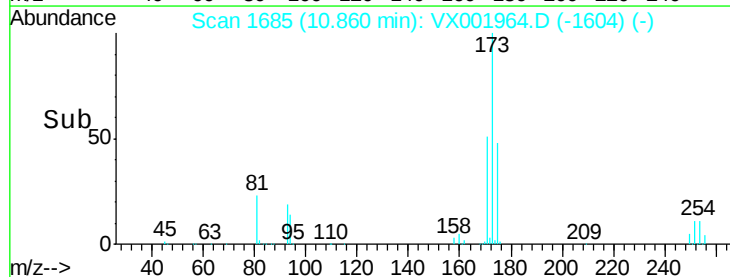
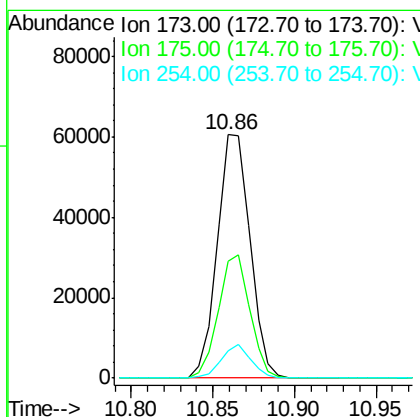
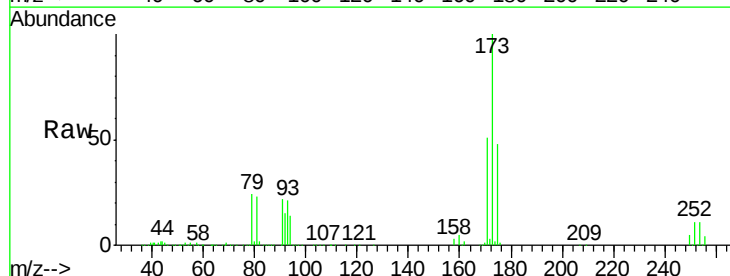
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0525WBSD01

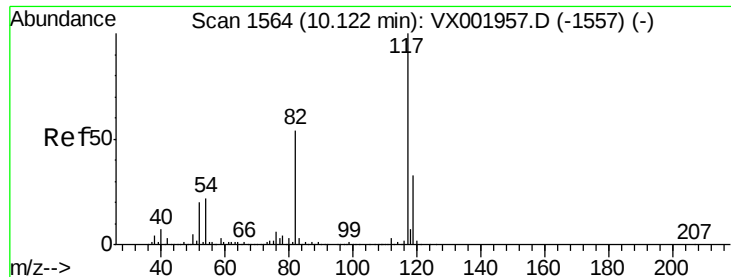
Tgt Ion: 63 Resp: 329883
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.6 38.4
 106 26.7 21.6 32.4



#56
 Bromoform
 Concen: 20.05 ug/l
 RT: 10.86 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Tgt Ion: 173 Resp: 85039
 Ion Ratio Lower Upper
 173 100
 175 48.9 39.0 58.4
 254 12.5 9.6 14.4

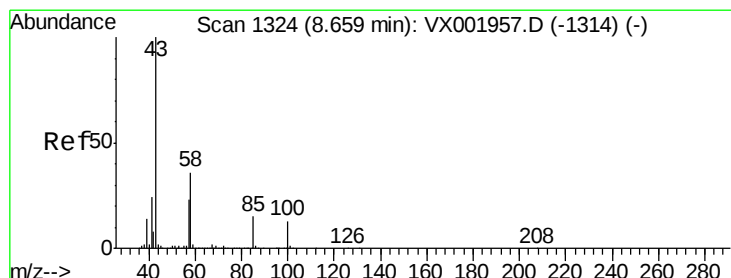
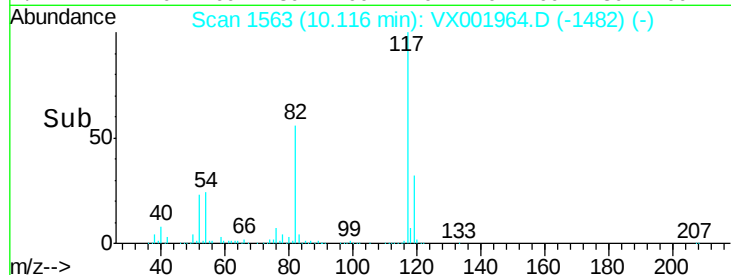
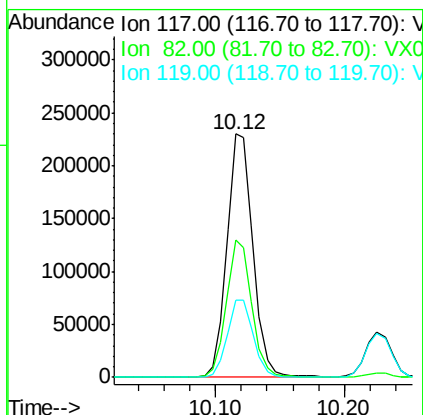
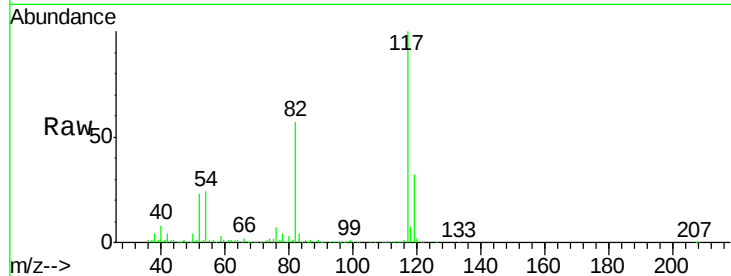




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

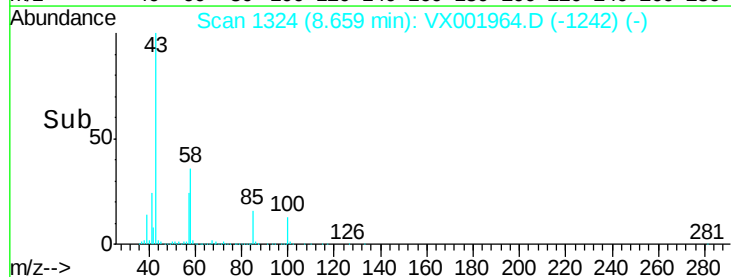
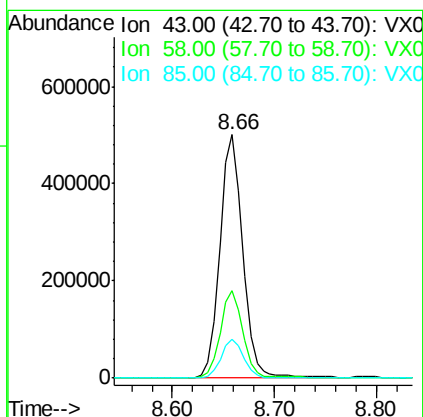
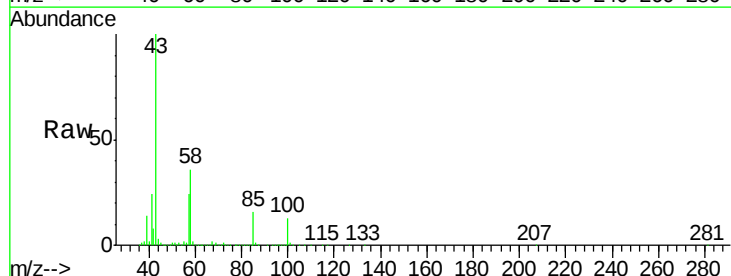
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

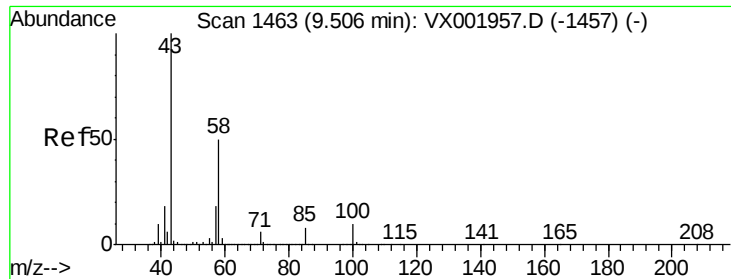
Tgt Ion: 117 Resp: 326883
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.2 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 109.89 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion: 43 Resp: 781681
Ion Ratio Lower Upper
43 100
58 35.2 28.2 42.4
85 15.7 12.4 18.6

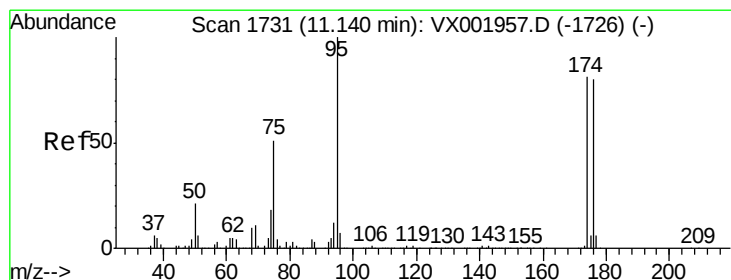
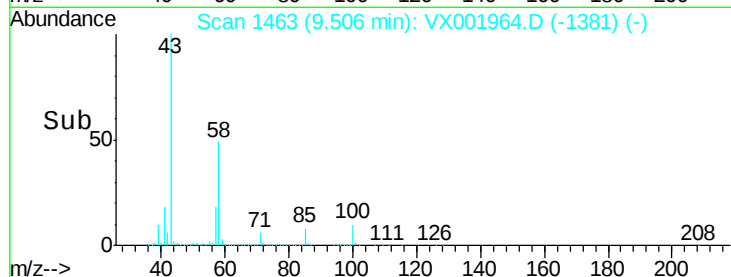
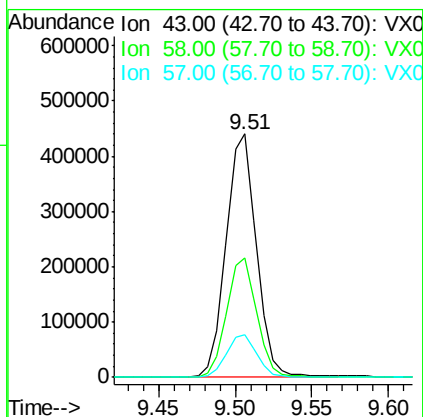
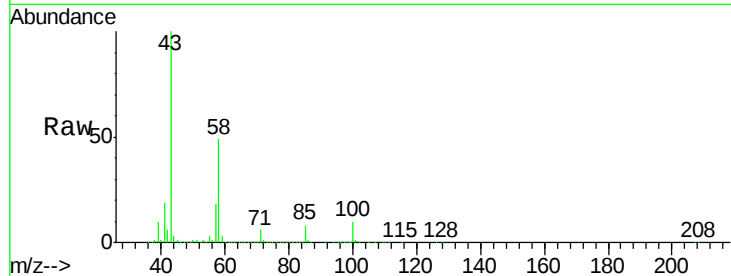




#59
2-Hexanone
Concen: 109.08 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

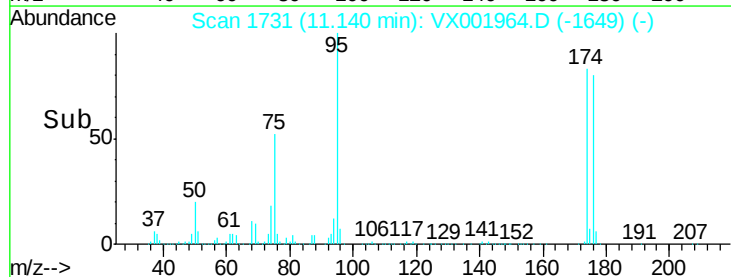
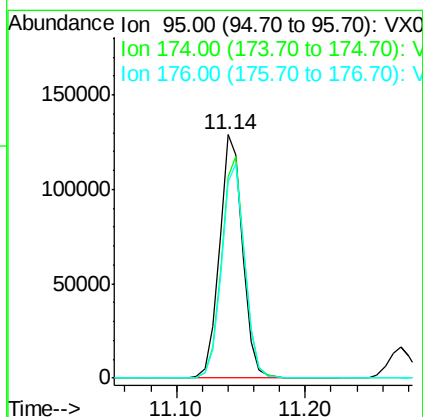
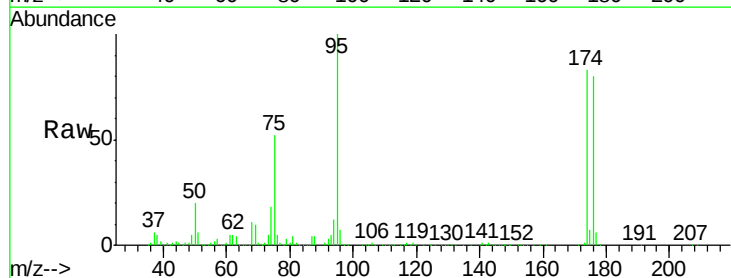
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

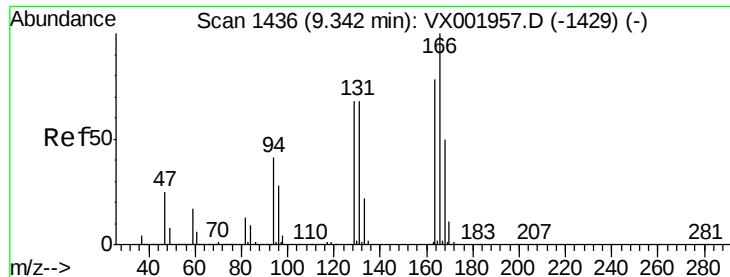
Tgt Ion: 43 Resp: 602103
Ion Ratio Lower Upper
43 100
58 49.0 39.6 59.4
57 17.7 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.04 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion: 95 Resp: 162514
Ion Ratio Lower Upper
95 100
174 91.0 71.8 107.6
176 88.2 70.1 105.1





#61

Tetrachloroethene

Concen: 20.49 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampled :

VX0525WBSD01

Tgt Ion:164 Resp: 102155

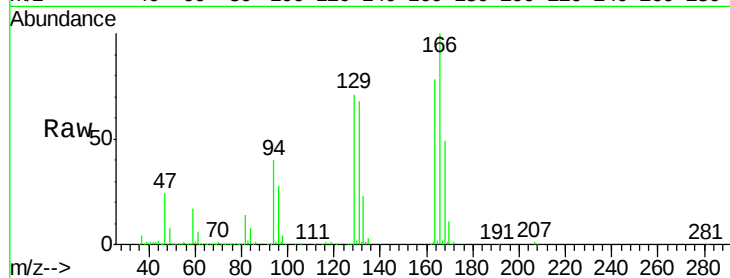
Ion Ratio Lower Upper

164 100

166 127.6 102.4 153.6

129 90.5 70.1 105.1

131 86.3 69.1 103.7

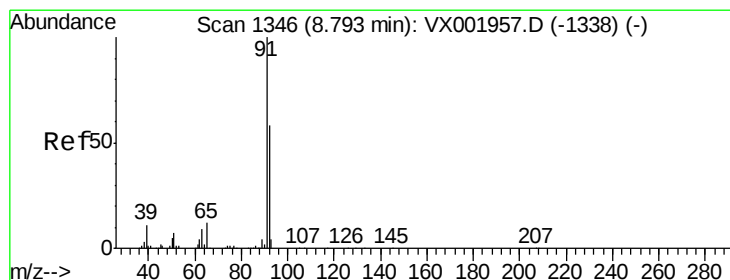
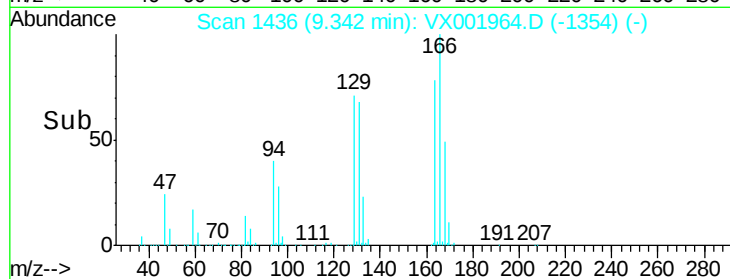
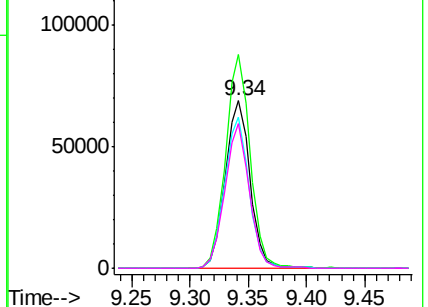


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.42 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001964.D

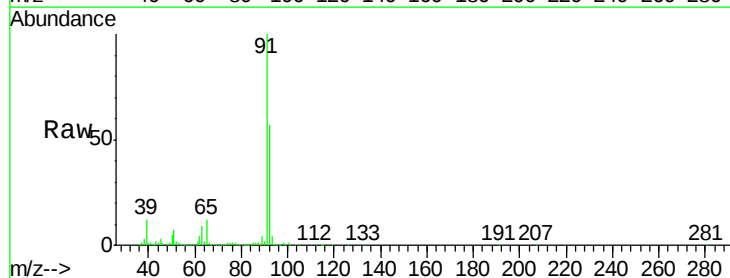
Acq: 25 May 2018 02:33

Tgt Ion: 91 Resp: 340885

Ion Ratio Lower Upper

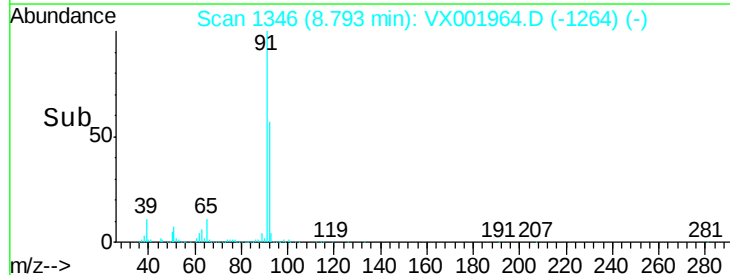
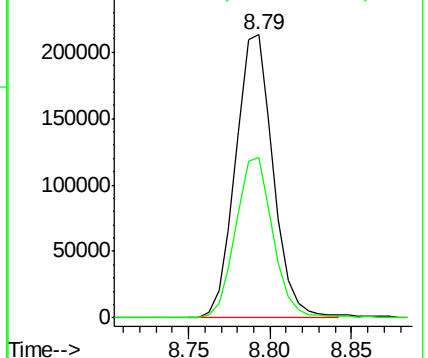
91 100

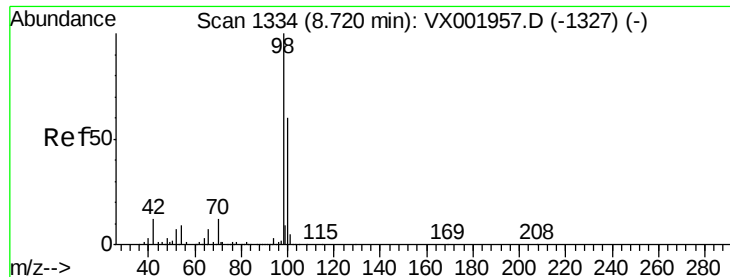
92 56.6 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.73 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

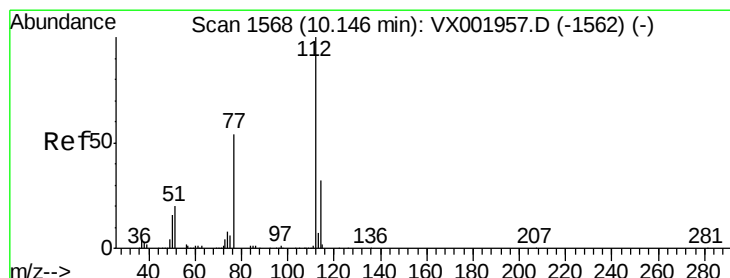
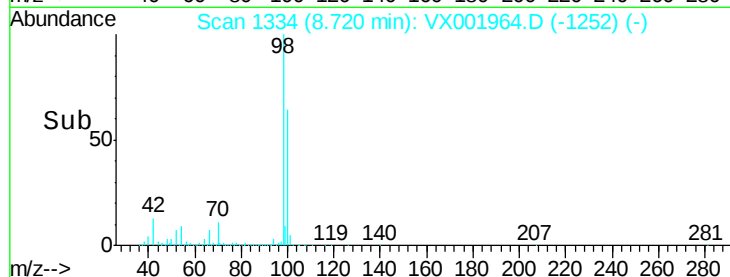
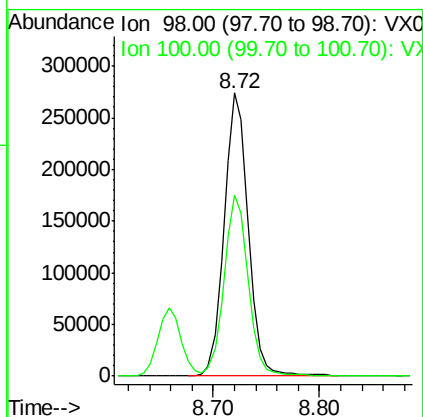
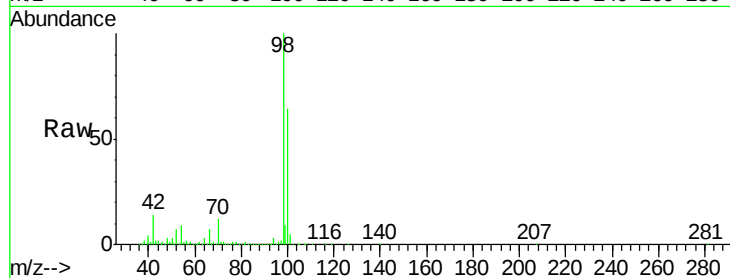
VX0525WBSD01

Tgt Ion: 98 Resp: 433096

Ion Ratio Lower Upper

98 100

100 63.7 50.8 76.2



#64

Chlorobenzene

Concen: 20.53 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001964.D

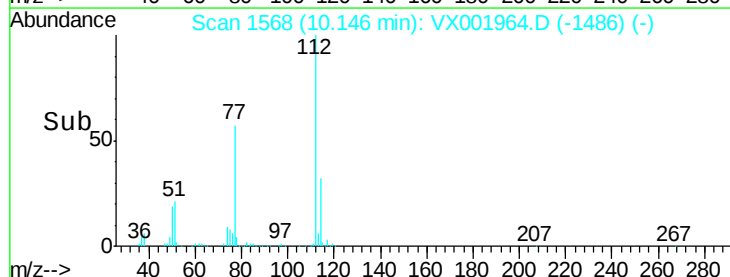
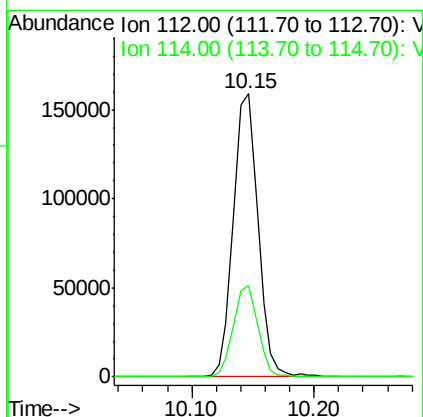
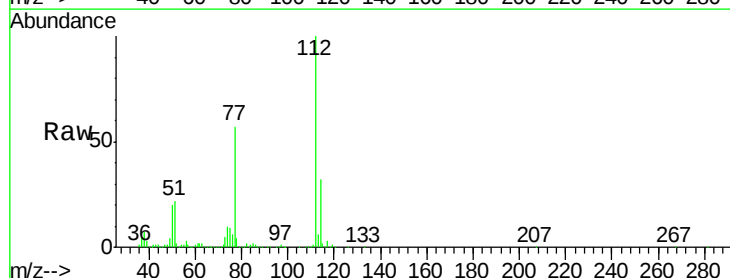
Acq: 25 May 2018 02:33

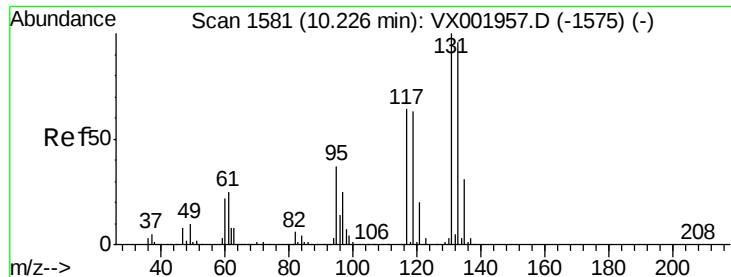
Tgt Ion: 112 Resp: 221829

Ion Ratio Lower Upper

112 100

114 32.4 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 20.60 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

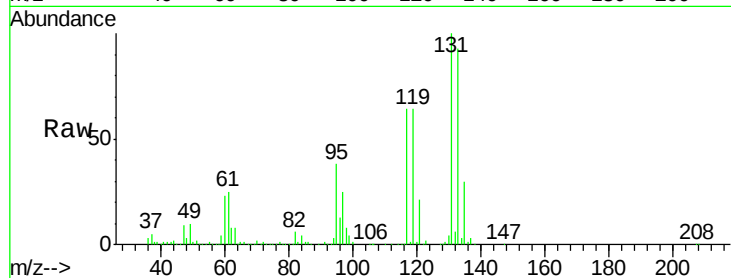
Tgt Ion:131 Resp: 90560

Ion Ratio Lower Upper

131 100

133 95.4 0.0 191.2

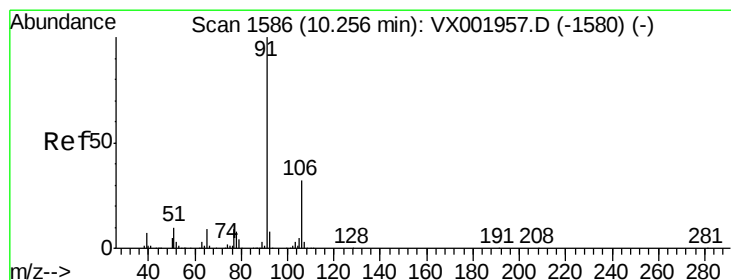
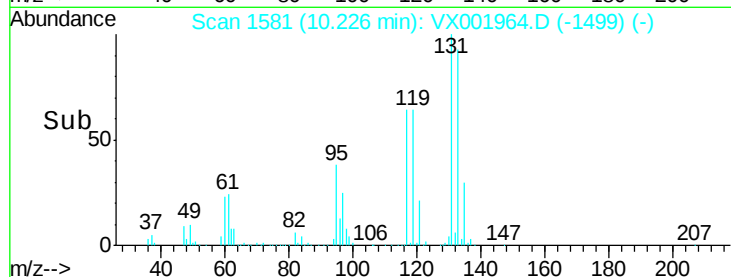
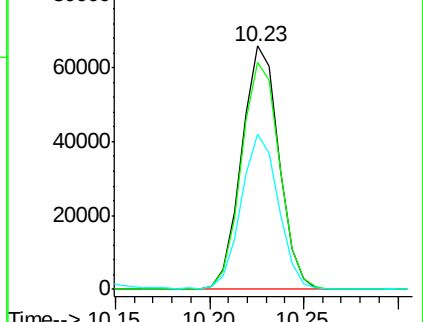
119 63.8 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.42 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001964.D

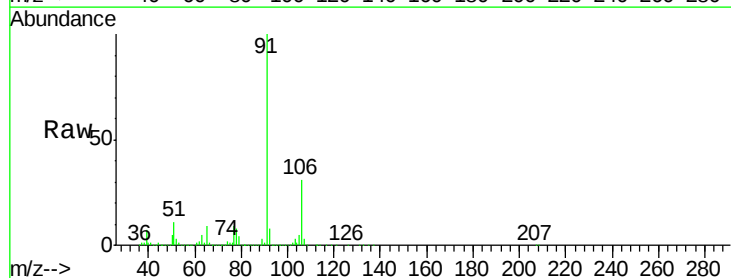
Acq: 25 May 2018 02:33

Tgt Ion: 91 Resp: 383113

Ion Ratio Lower Upper

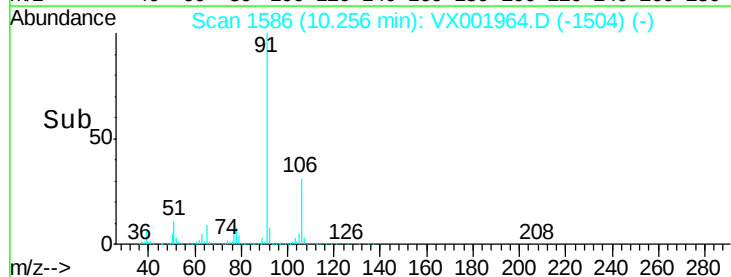
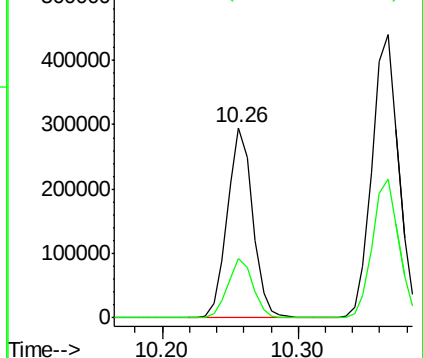
91 100

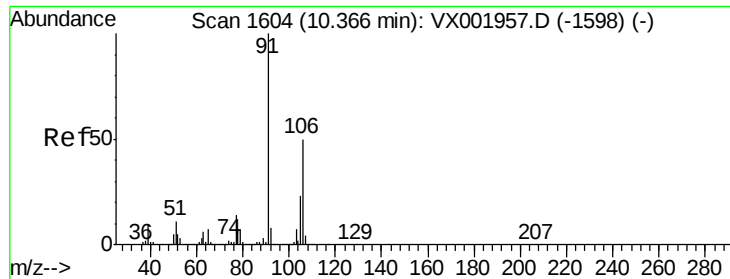
106 31.2 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 40.74 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

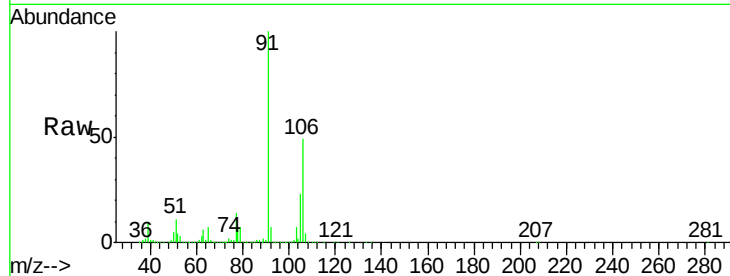
VX0525WBSD01

Tgt Ion:106 Resp: 290203

Ion Ratio Lower Upper

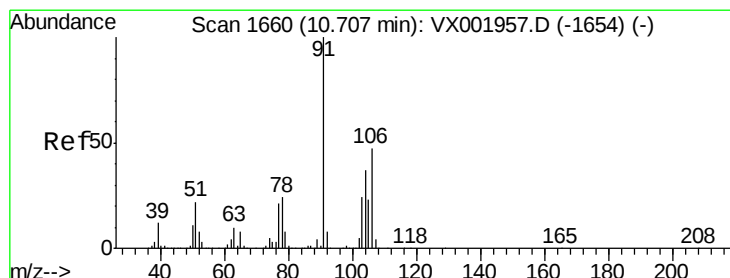
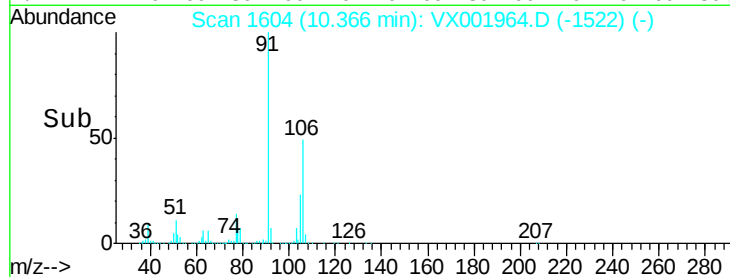
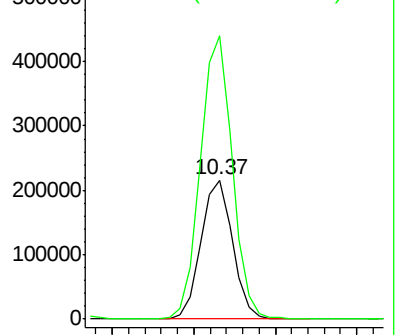
106 100

91 205.9 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.66 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX001964.D

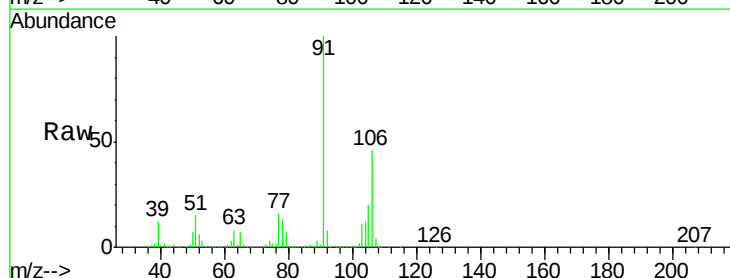
Acq: 25 May 2018 02:33

Tgt Ion:106 Resp: 147356

Ion Ratio Lower Upper

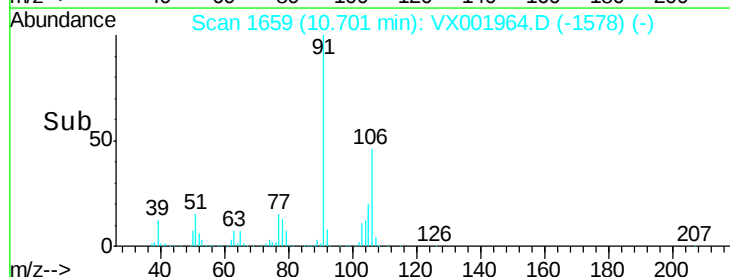
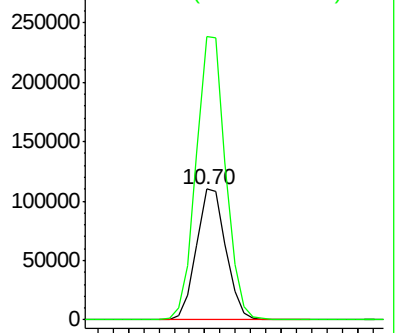
106 100

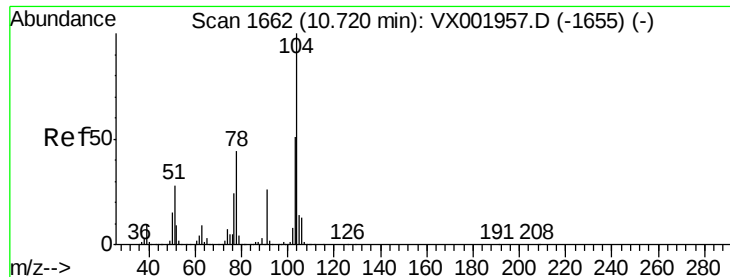
91 215.8 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 20.00 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

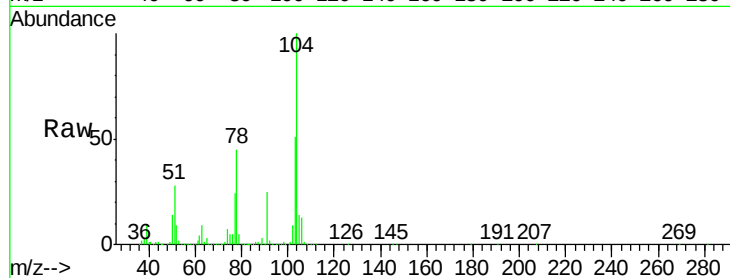
Tgt Ion:104 Resp: 239570

Ion Ratio Lower Upper

104 100

78 52.8 41.8 62.8

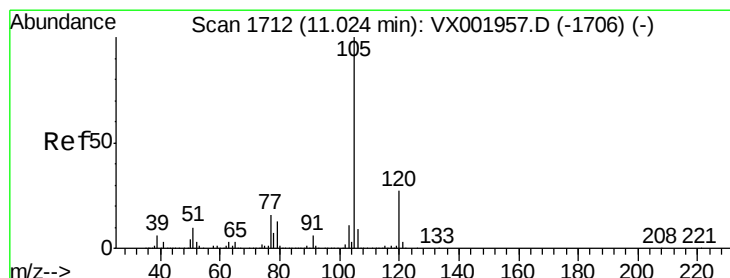
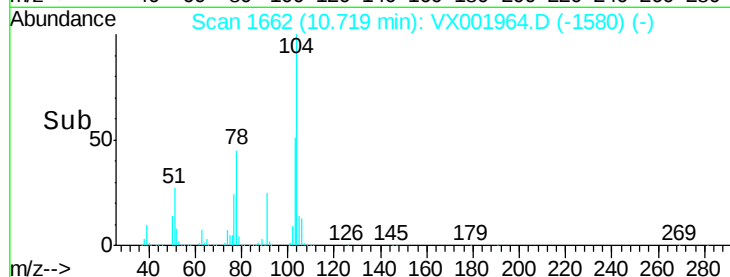
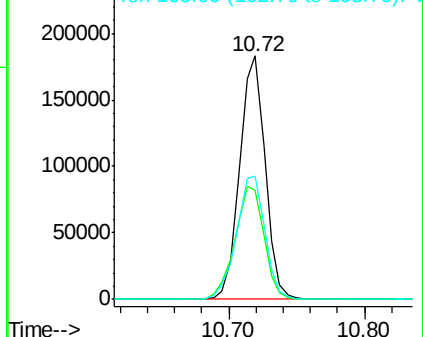
103 56.5 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 20.35 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001964.D

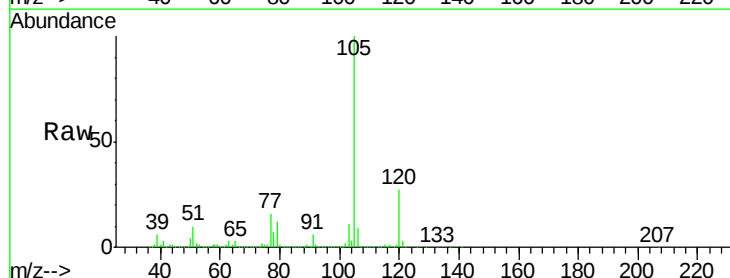
Acq: 25 May 2018 02:33

Tgt Ion:105 Resp: 388667

Ion Ratio Lower Upper

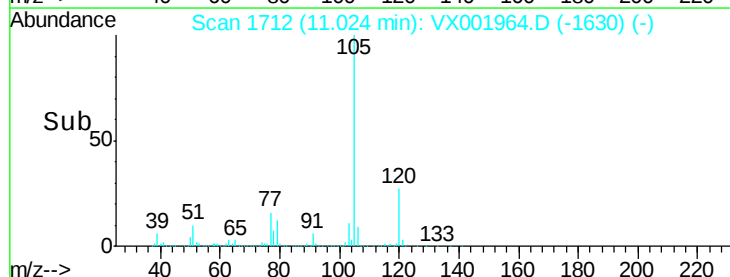
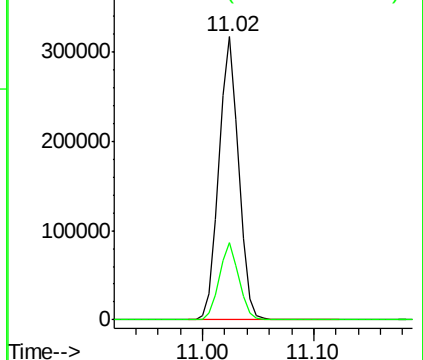
105 100

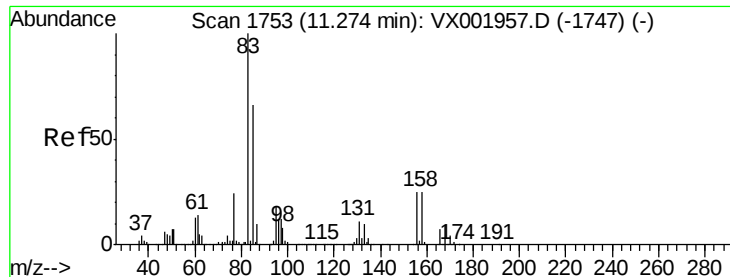
120 27.0 19.0 35.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 20.80 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

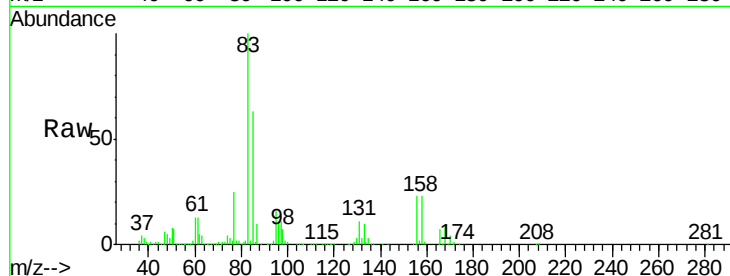
Tgt Ion: 83 Resp: 124488

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

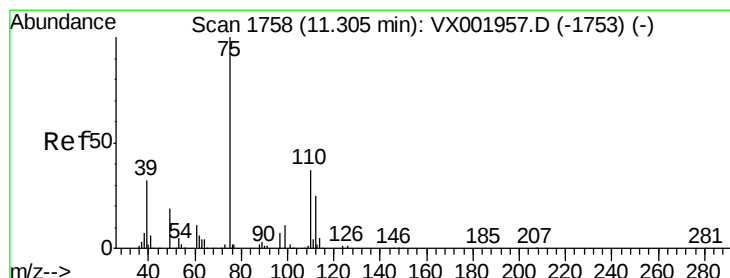
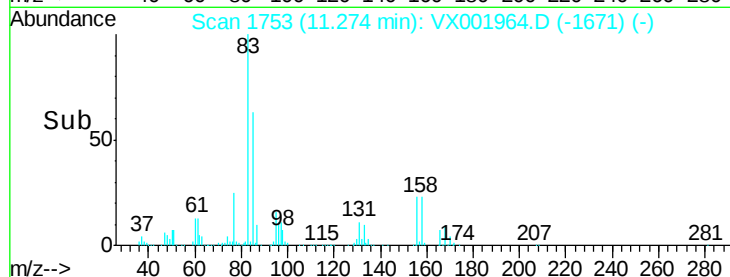
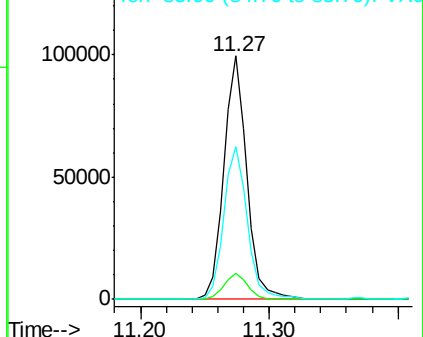
85 64.4 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 28.18 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001964.D

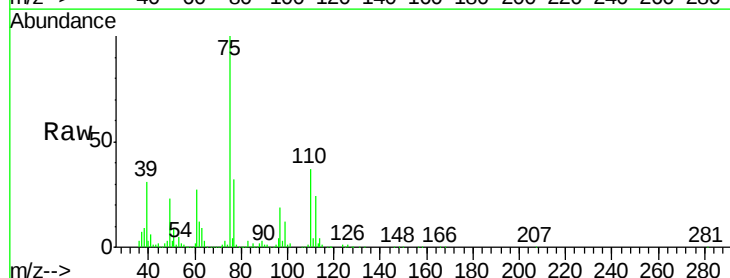
Acq: 25 May 2018 02:33

Tgt Ion: 75 Resp: 158842

Ion Ratio Lower Upper

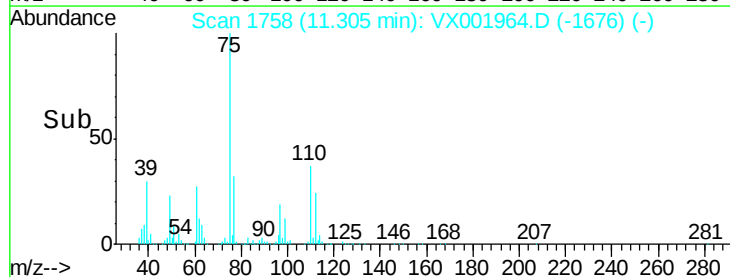
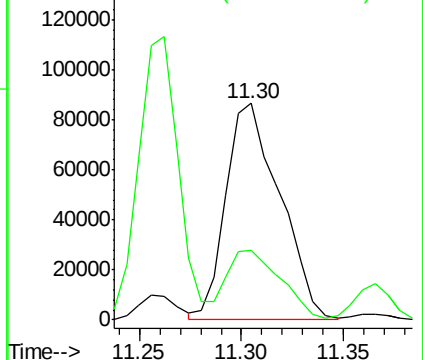
75 100

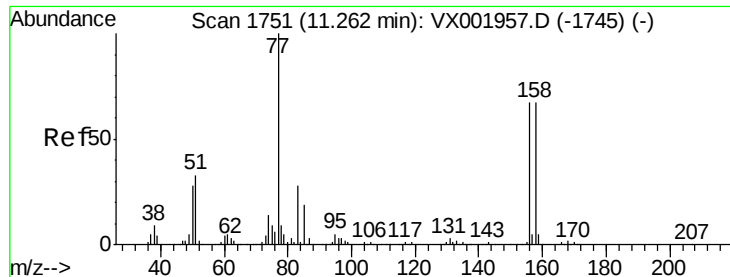
77 31.0 0.0 71.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 20.31 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

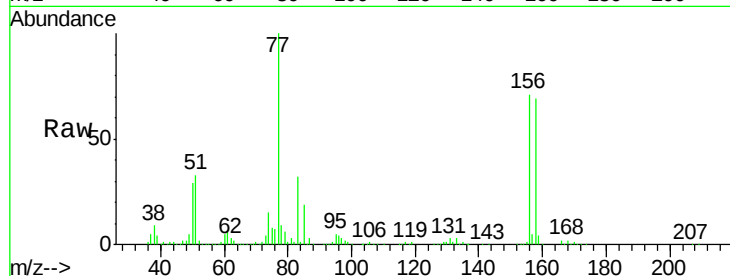
Tgt Ion:156 Resp: 104184

Ion Ratio Lower Upper

156 100

77 145.5 0.0 301.0

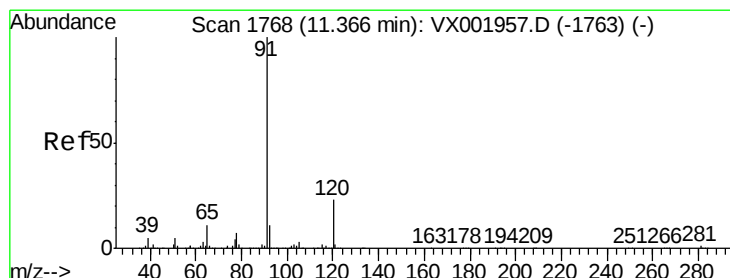
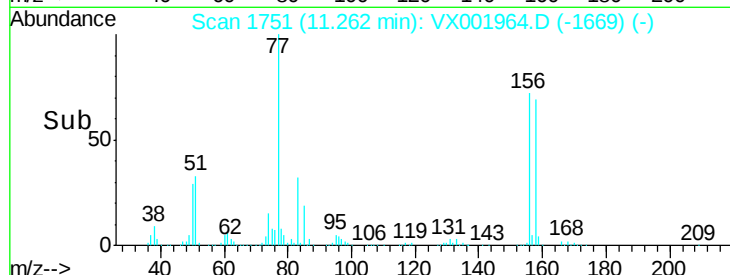
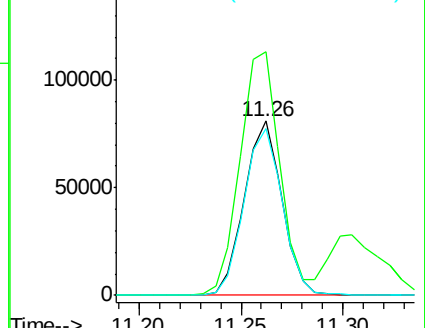
158 97.9 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.12 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001964.D

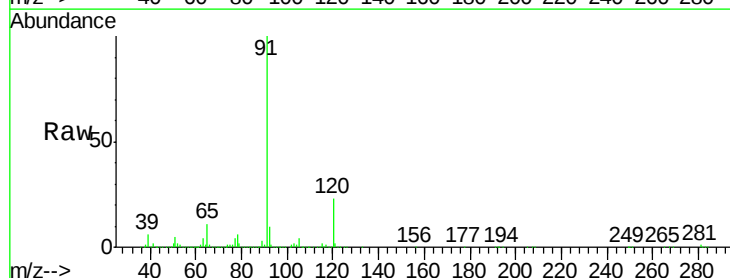
Acq: 25 May 2018 02:33

Tgt Ion: 91 Resp: 428951

Ion Ratio Lower Upper

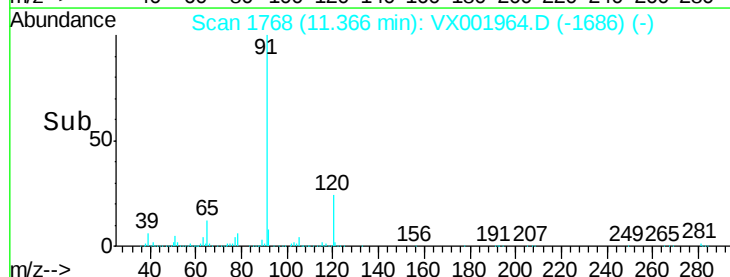
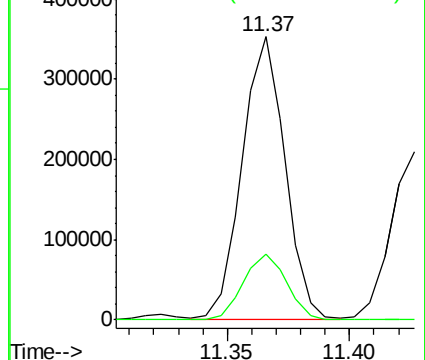
91 100

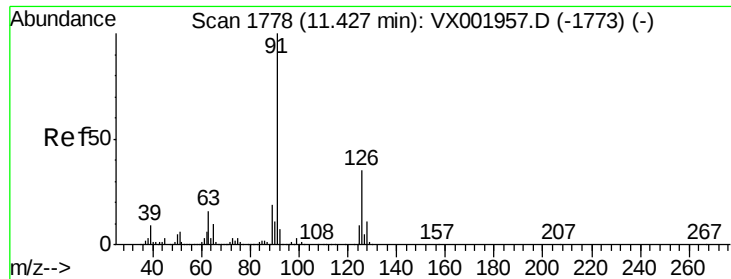
120 23.6 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.03 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

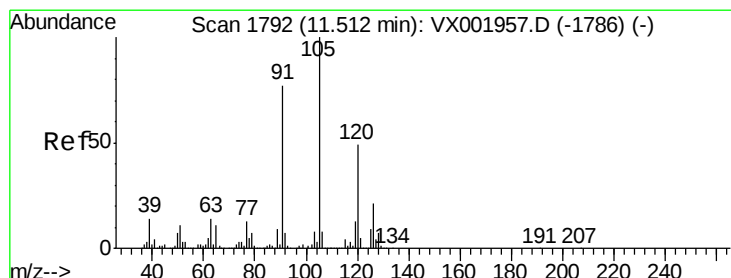
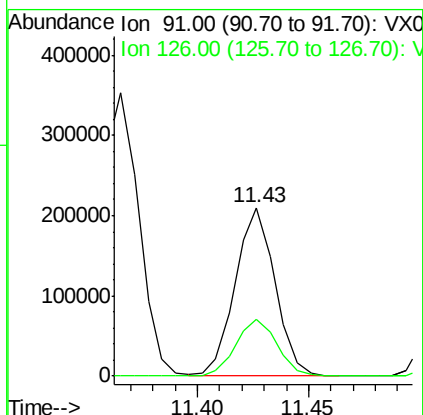
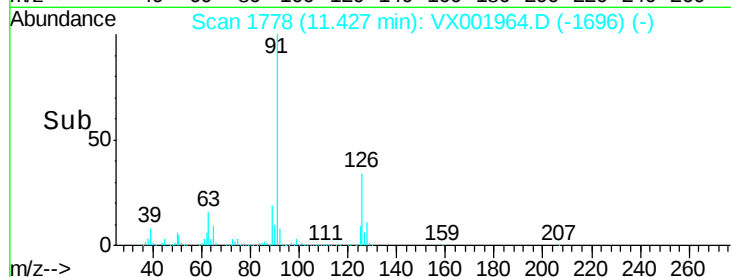
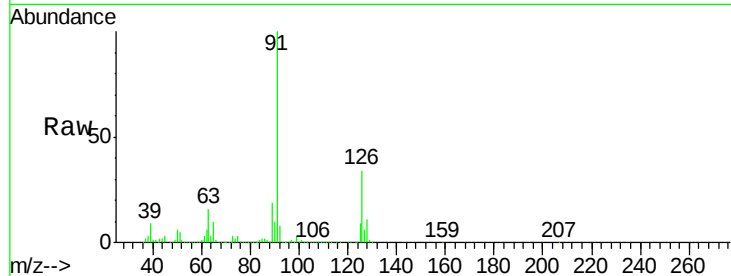
VX0525WBSD01

Tgt Ion: 91 Resp: 263272

Ion Ratio Lower Upper

91 100

126 34.9 0.0 69.4



#76

1,3,5-Trimethylbenzene

Concen: 20.02 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001964.D

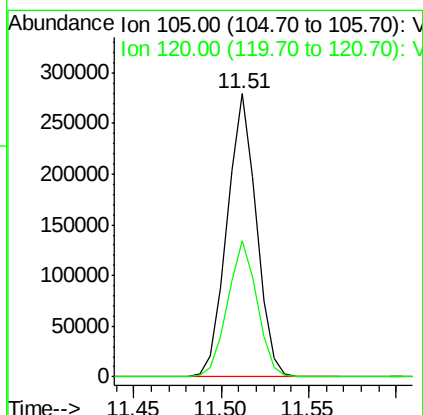
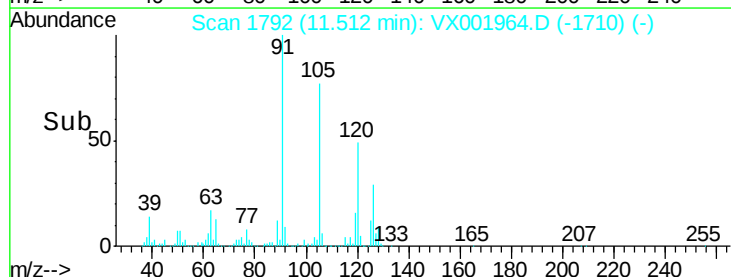
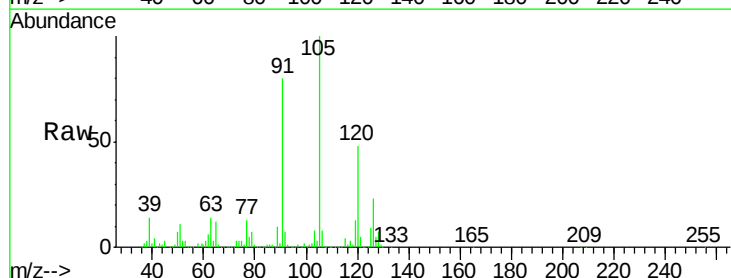
Acq: 25 May 2018 02:33

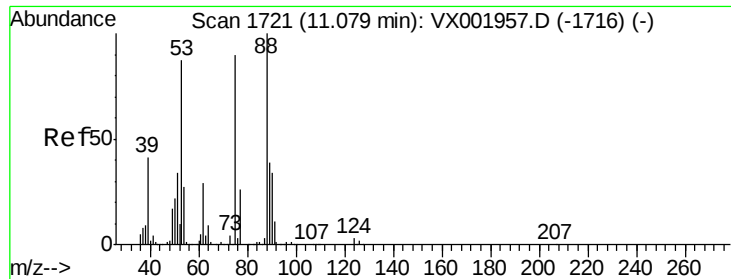
Tgt Ion: 105 Resp: 325108

Ion Ratio Lower Upper

105 100

120 48.5 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 19.01 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

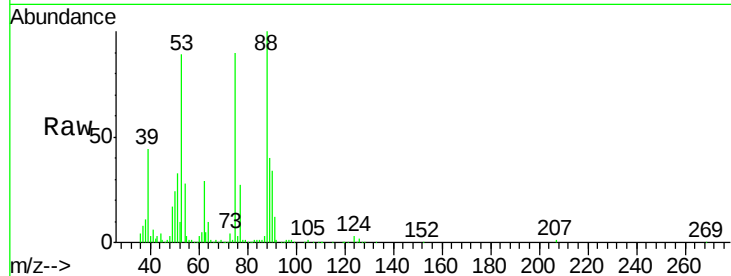
Tgt Ion: 75 Resp: 38828

Ion Ratio Lower Upper

75 100

53 98.9 48.3 144.9

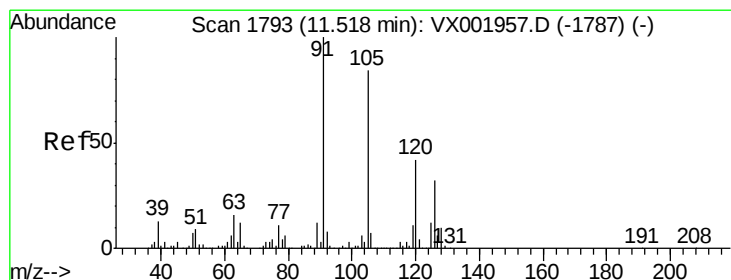
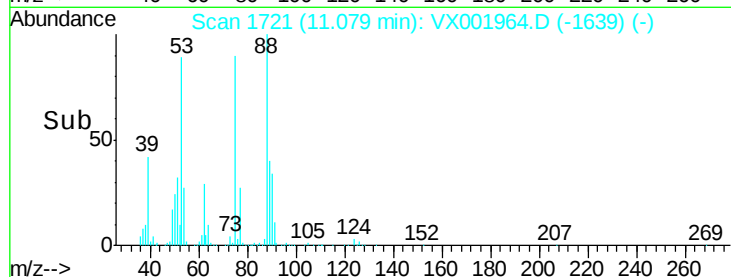
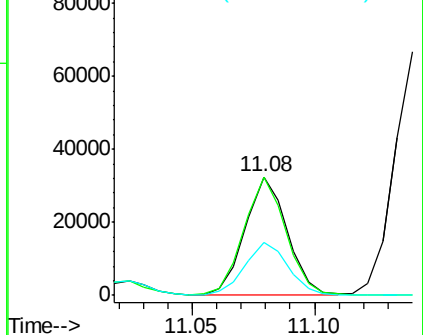
89 44.1 21.8 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.99 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001964.D

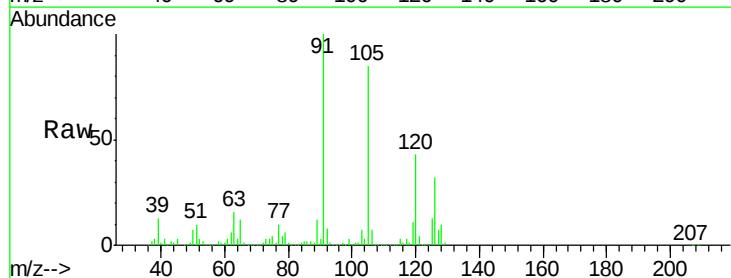
Acq: 25 May 2018 02:33

Tgt Ion: 91 Resp: 298901

Ion Ratio Lower Upper

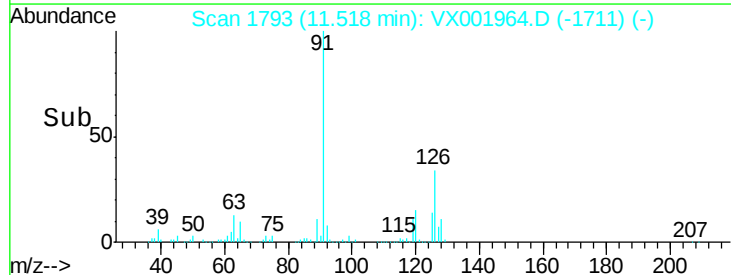
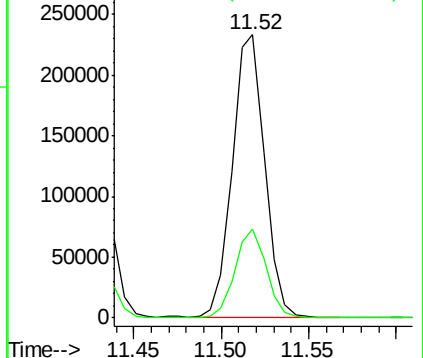
91 100

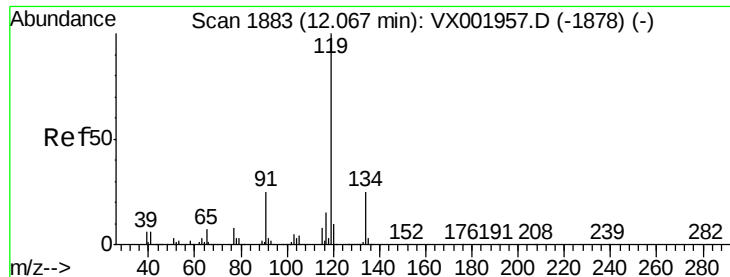
126 30.5 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

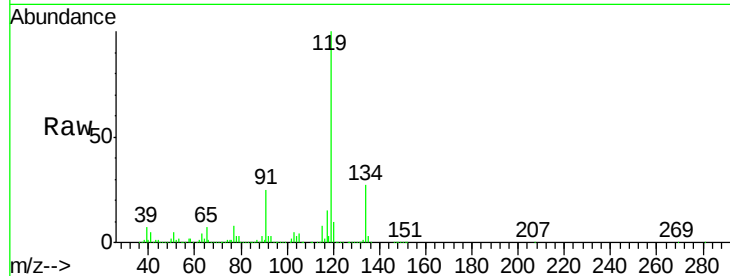




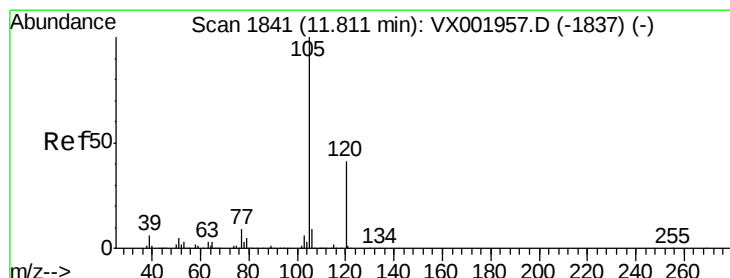
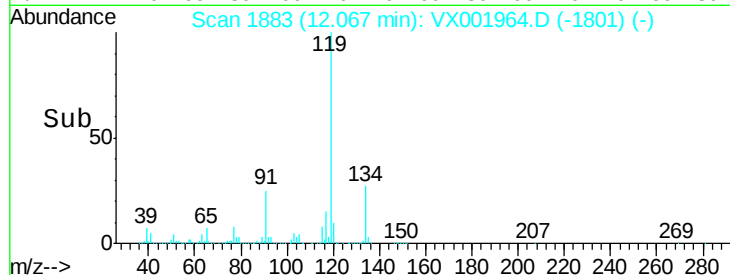
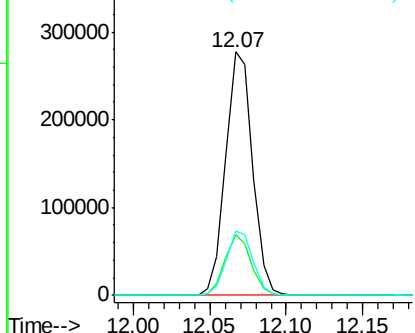
#79
tert-butylbenzene
Concen: 19.83 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	24.2	0.0	48.0
134	26.3	0.0	52.6

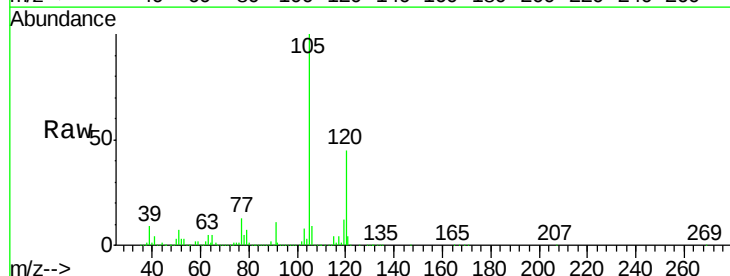


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

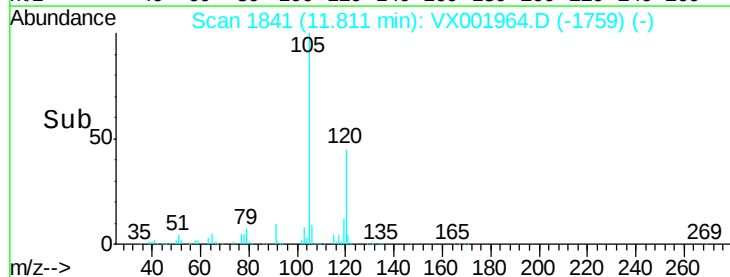
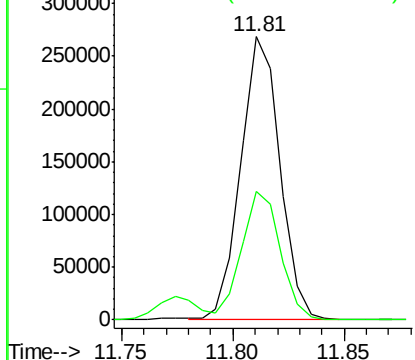


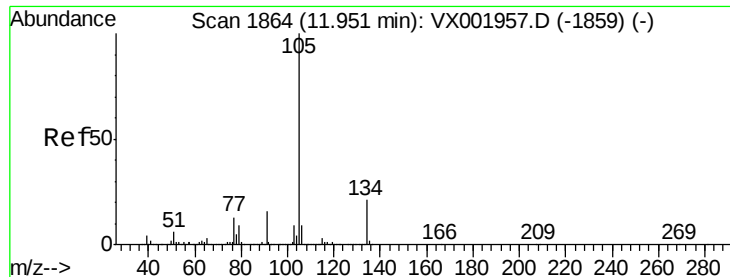
#80
1,2,4-Trimethylbenzene
Concen: 20.03 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	0.0	89.2



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





#81

sec-Butylbenzene

Concen: 20.06 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

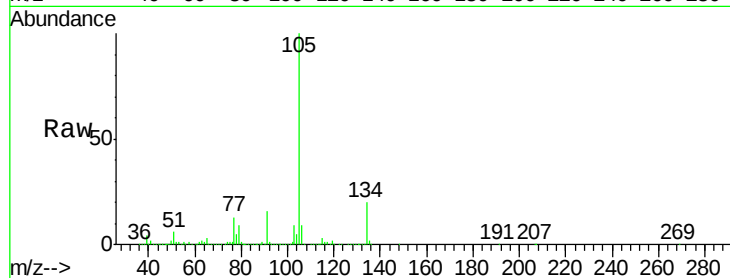
VX0525WBSD01

Tgt Ion:105 Resp: 381749

Ion Ratio Lower Upper

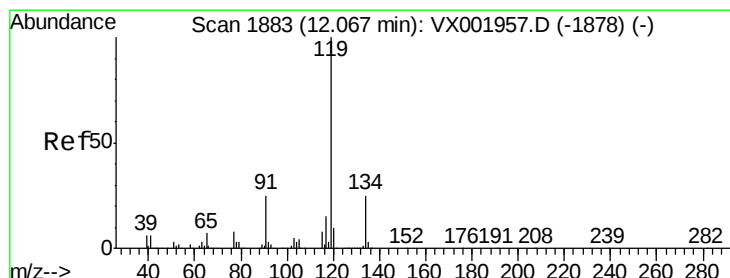
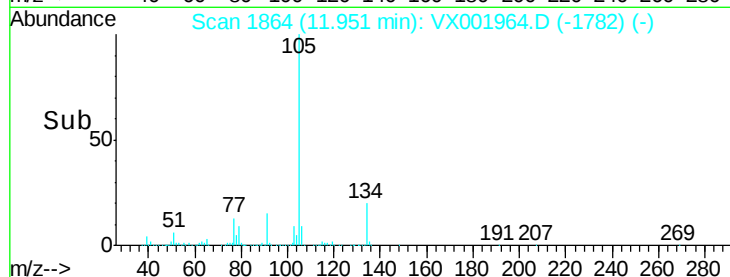
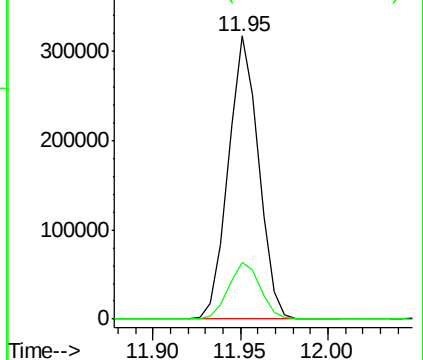
105 100

134 20.7 0.0 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.83 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

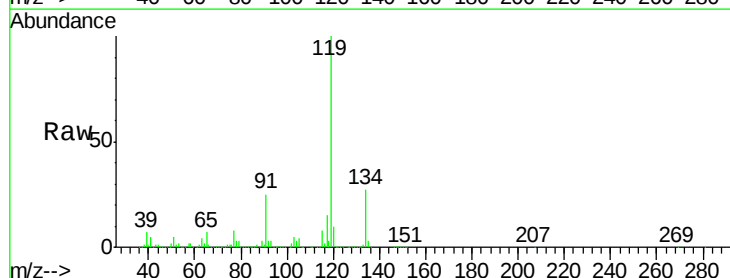
Tgt Ion:119 Resp: 337635

Ion Ratio Lower Upper

119 100

134 26.3 0.0 52.6

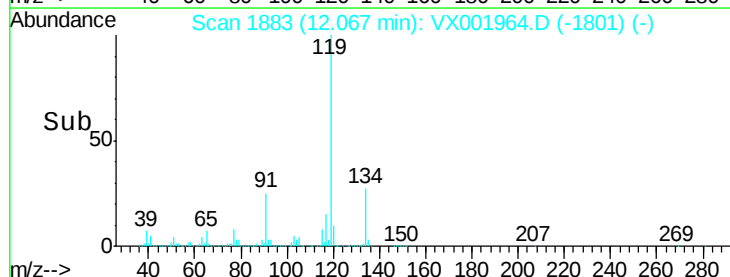
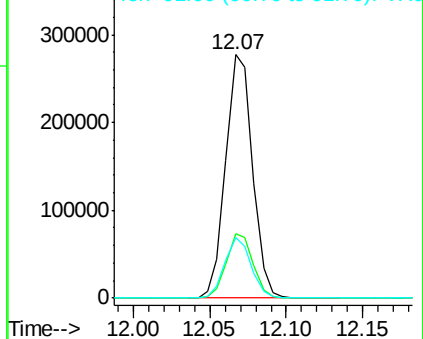
91 24.2 0.0 48.0

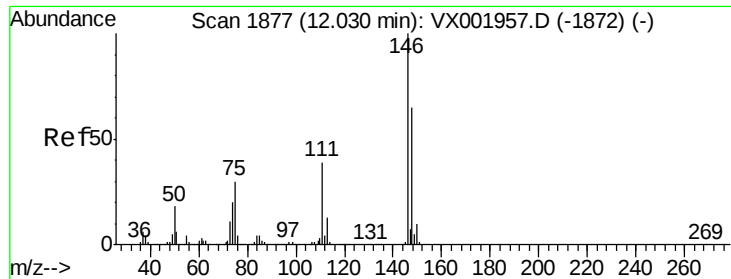


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

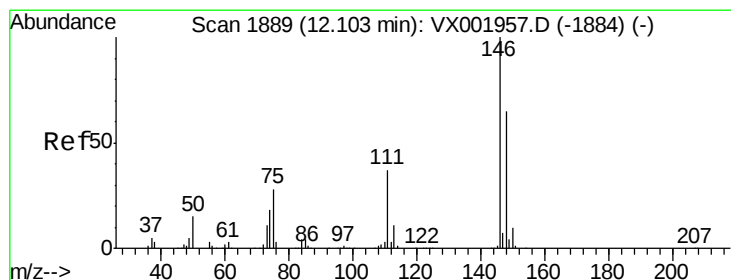
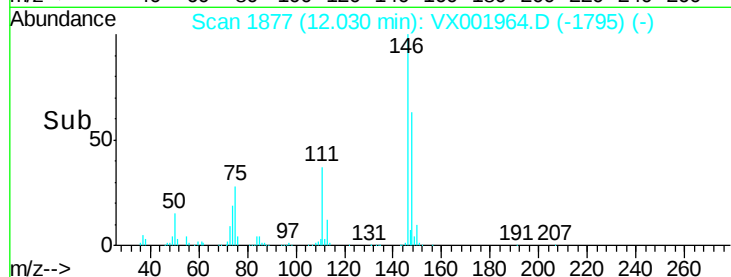
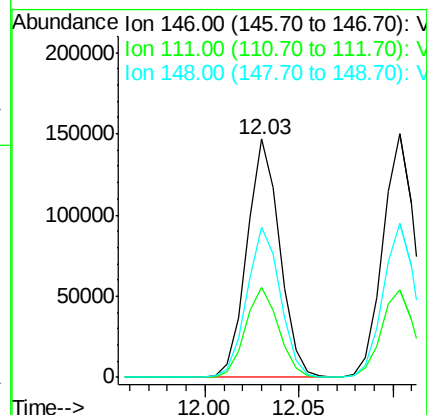
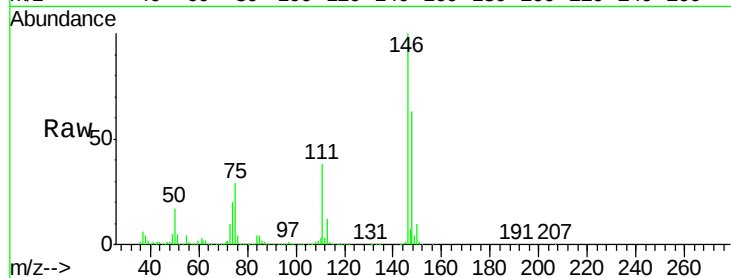




#83
 1,3-Dichlorobenzene
 Concen: 19.50 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

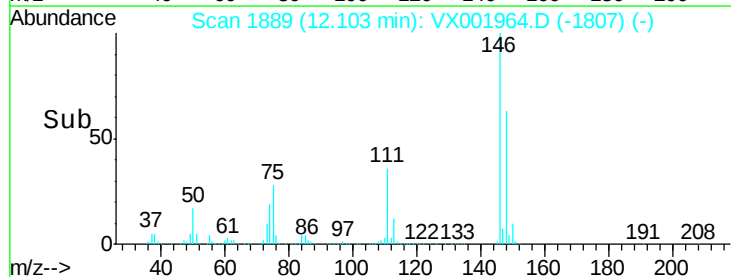
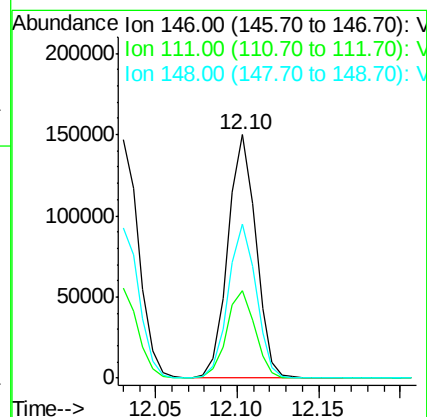
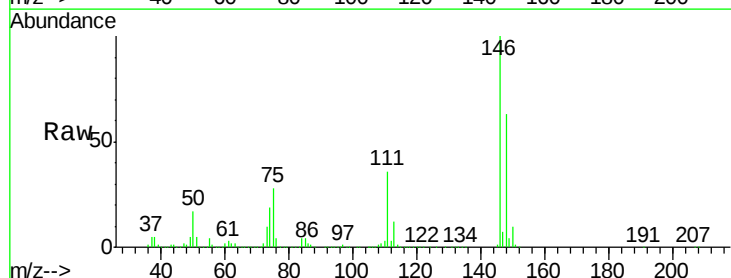
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

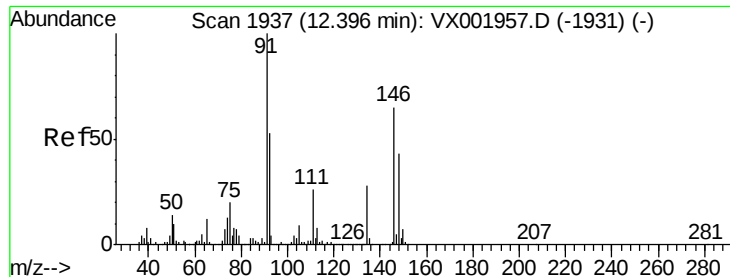
Tgt Ion:146 Resp: 177242
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.1 57.5
 148 64.0 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 19.81 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Tgt Ion:146 Resp: 179183
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.5 55.5
 148 62.7 32.0 96.0

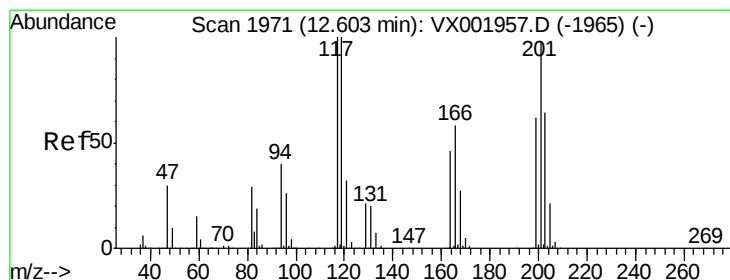
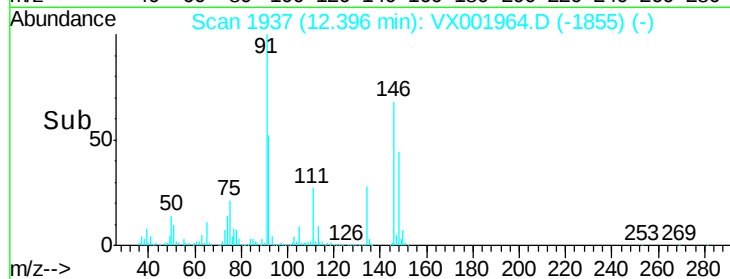
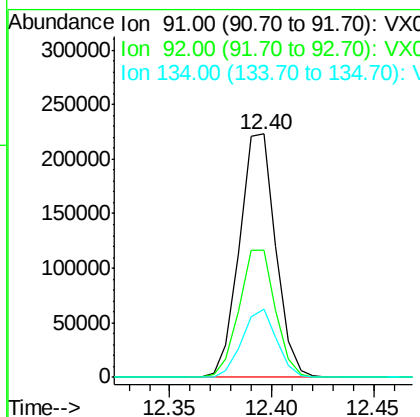
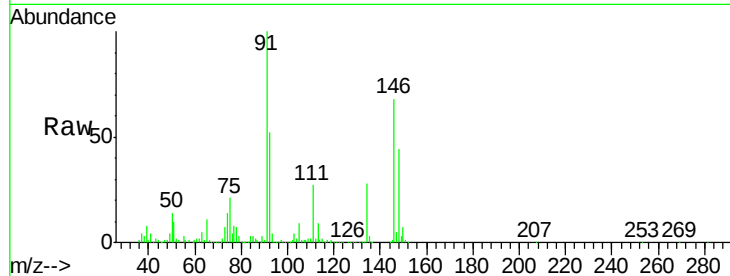




#85
n-Butylbenzene
Concen: 19.20 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

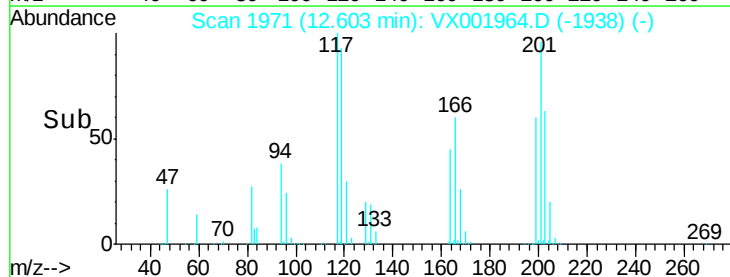
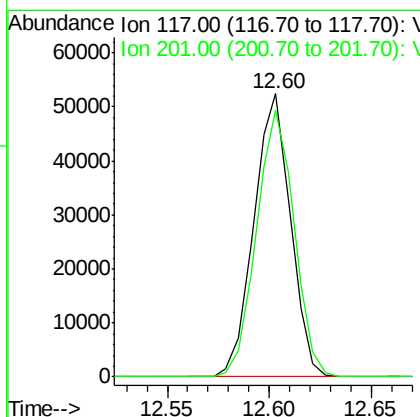
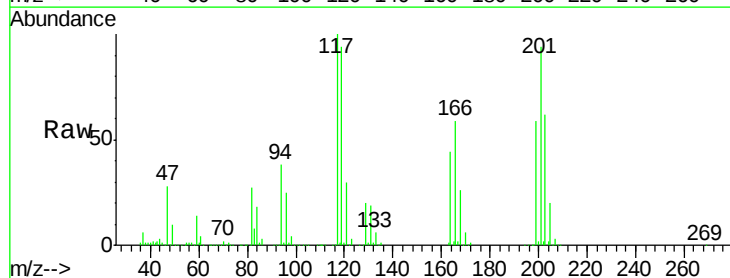
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

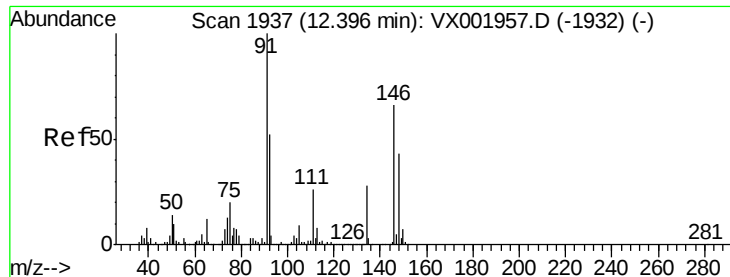
Tgt Ion: 91 Resp: 274160
Ion Ratio Lower Upper
91 100
92 52.5 0.0 105.2
134 26.9 0.0 53.2



#86
Hexachloroethane
Concen: 19.37 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion: 117 Resp: 65622
Ion Ratio Lower Upper
117 100
201 96.7 47.6 142.8

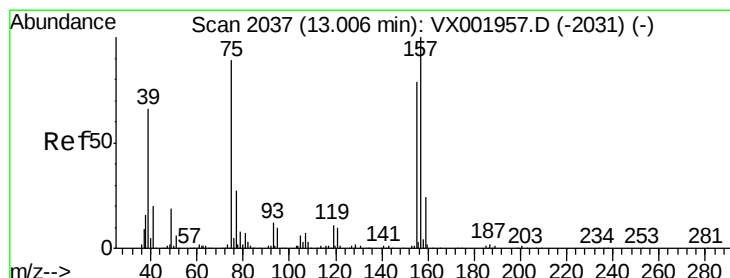
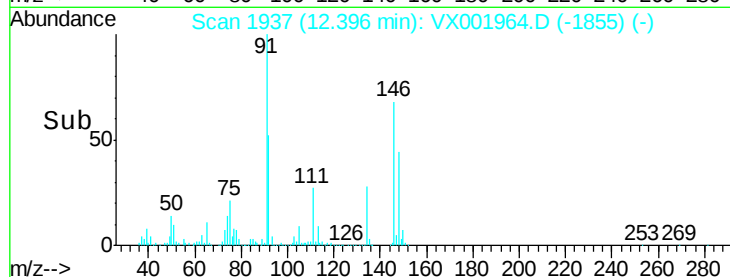
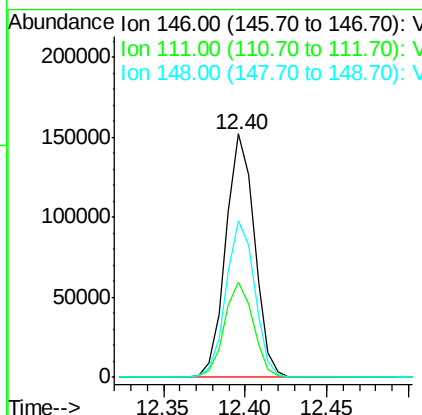
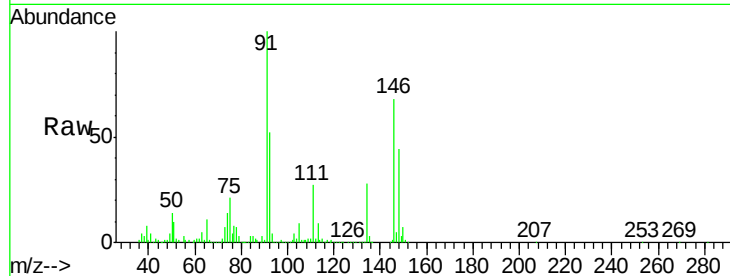




#87
 1,2-Dichlorobenzene
 Concen: 19.90 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

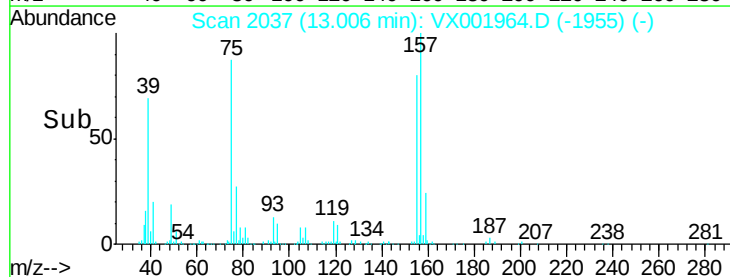
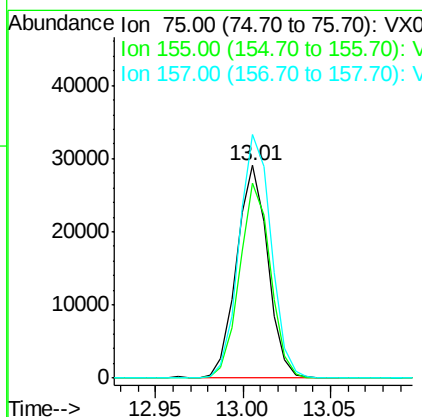
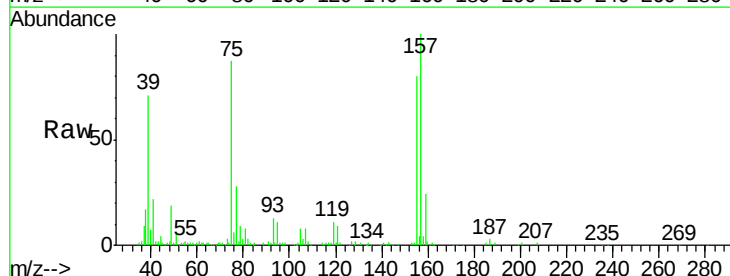
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

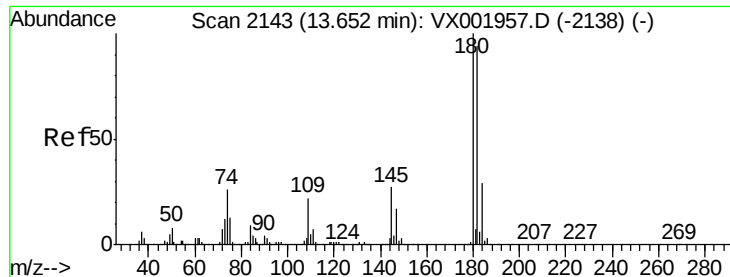
Tgt Ion:146 Resp: 186292
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.0 59.9
 148 64.2 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.73 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Tgt Ion: 75 Resp: 36144
 Ion Ratio Lower Upper
 75 100
 155 90.4 73.1 109.7
 157 117.1 93.1 139.7

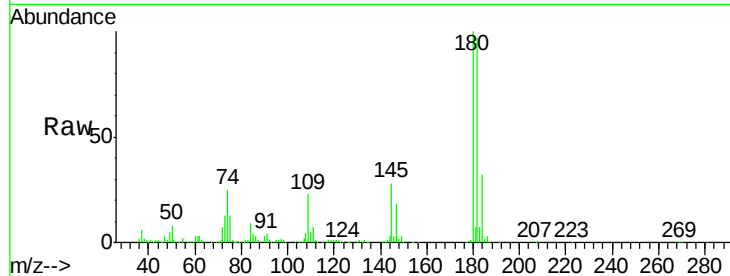




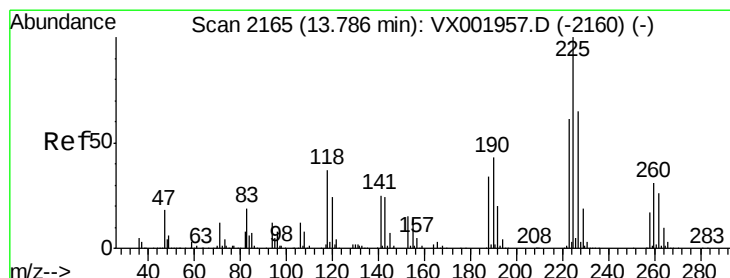
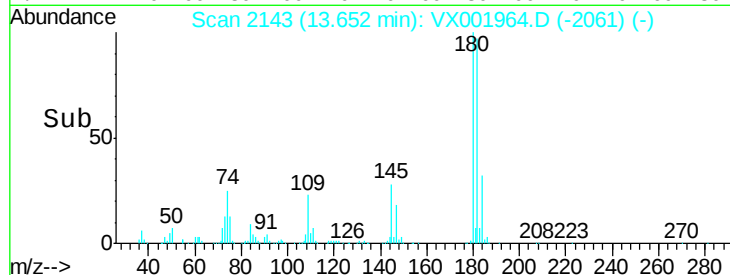
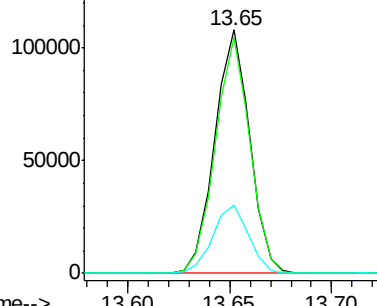
#89
 1,2,4-Trichlorobenzene
 Concen: 19.33 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

Tgt Ion:180 Resp: 128531
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.4 114.6
 145 28.6 22.9 34.3

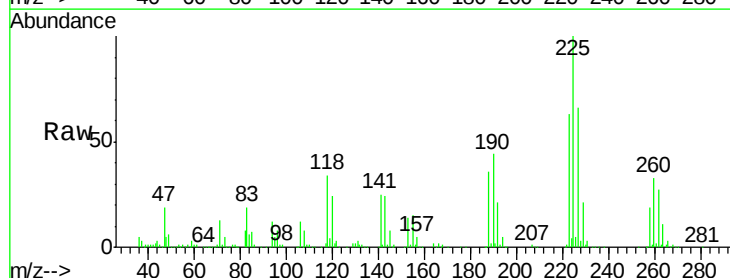


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

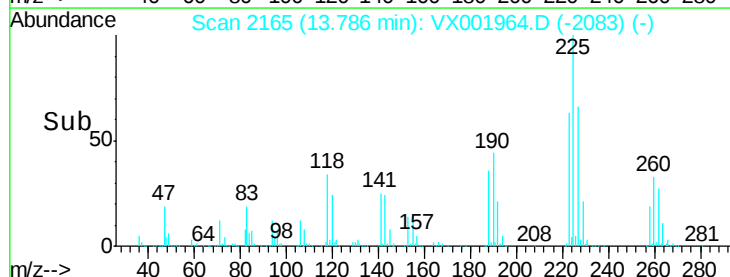
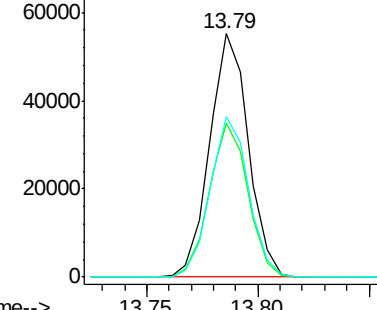


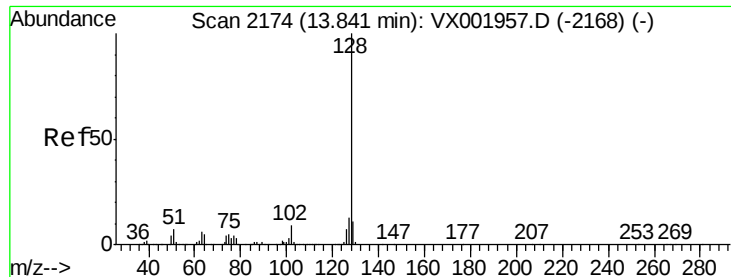
#90
 Hexachlorobutadiene
 Concen: 18.88 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Tgt Ion:225 Resp: 66774
 Ion Ratio Lower Upper
 225 100
 223 63.0 0.0 122.4
 227 65.2 0.0 128.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 20.50 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

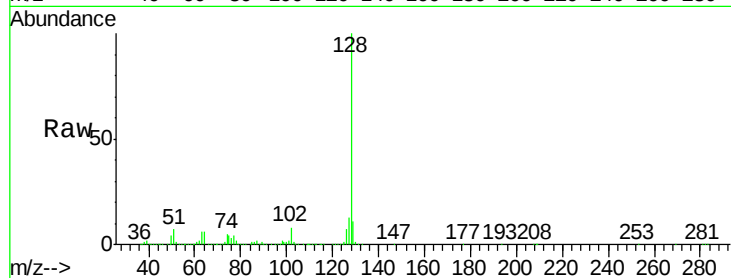
Tgt Ion:128 Resp: 429990

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

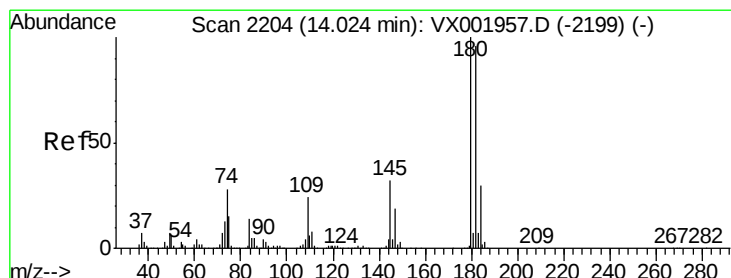
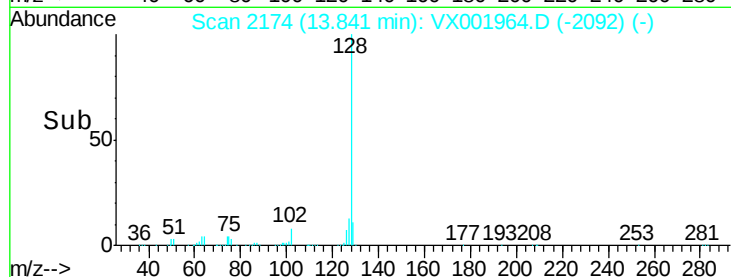
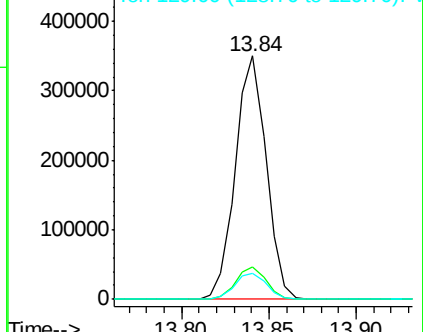
129 11.0 8.9 13.3



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



#92

1,2,3-Trichlorobenzene

Concen: 19.91 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

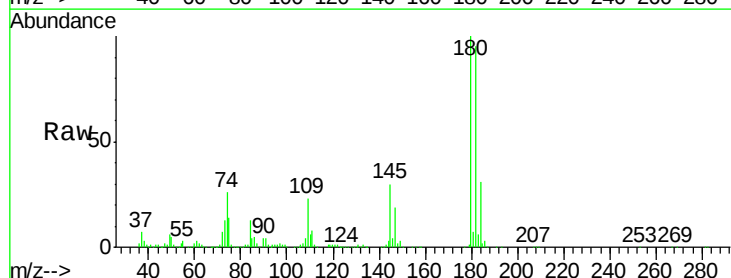
Tgt Ion:180 Resp: 138230

Ion Ratio Lower Upper

180 100

182 94.8 0.0 191.0

145 29.9 0.0 60.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

