

Data File : VX004910.D
Acq On : 02 Oct 2018 10:05
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Oct 03 04:24:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:23:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	48284	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	252806	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	240950	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	106077	28.91	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.37%
60) 4-Bromofluorobenzene	11.14	95	116910	29.19	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.30%
63) Toluene-d8	8.71	98	329639	30.65	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.17%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	13806	3.673 ug/l	98
3) Chloromethane	1.32	50	16929	4.340 ug/l	100
4) Vinyl Chloride	1.40	62	17049	4.276 ug/l	99
5) Bromomethane	1.64	94	8904	4.654 ug/l	97
6) Chloroethane	1.71	64	11845	5.174 ug/l	90
7) Trichlorofluoromethane	1.93	101	23335	4.594 ug/l	98
8) Diethyl Ether	2.19	74	9864	4.764 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	14603	5.006 ug/l	99
10) 1,1-Dichloroethene	2.37	96	13293	4.811 ug/l	95
11) Methyl Iodide	2.51	142	5435	2.416 ug/l	94
12) Methyl Acetate	2.78	43	25307	4.542 ug/l	100
13) Acrolein	2.29	56	13531	26.287 ug/l	92
14) Acrylonitrile	3.15	53	55804	24.511 ug/l	99
15) Acetone	2.45	58	21084	27.704 ug/l	97
16) Carbon Disulfide	2.57	76	35750	4.412 ug/l	98
17) Allyl chloride	2.73	41	28817	4.690 ug/l	97
18) Methylene Chloride	2.85	84	16314	5.077 ug/l	98
19) trans-1,2-Dichloroethene	3.16	96	14362	4.866 ug/l	94
20) Diisopropyl ether	3.87	45	51451	4.912 ug/l	98
21) 1,1-Dichloroethane	3.69	63	28964	5.018 ug/l	99
22) cis-1,2-Dichloroethene	4.59	96	15638	4.789 ug/l	97
23) tert-Butyl Alcohol	3.07	59	24882	23.672 ug/l	# 100
24) Methyl tert-Butyl Ether	3.20	73	49054	4.831 ug/l	100
25) Chloroform	5.21	83	26424	4.865 ug/l	96
26) Cyclohexane	5.57	56	21984	4.438 ug/l	# 99
29) 1,1-Dichloropropene	5.79	75	18917	5.057 ug/l	98
30) 2-Butanone	4.70	43	82798	27.223 ug/l	99
31) 2,2-Dichloropropane	4.58	77	21178	5.160 ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	21739	5.055 ug/l	99
33) Carbon Tetrachloride	5.77	117	18997	5.030 ug/l	100
34) Benzene	6.14	78	58169	5.124 ug/l	95
35) Methacrylonitrile	5.06	41	14382	5.088 ug/l	95
36) 1,2-Dichloroethane	6.20	62	21743	5.317 ug/l	98
37) Trichloroethene	7.21	130	15463	5.171 ug/l	100
38) Methylcyclohexane	7.46	83	21414	4.821 ug/l	98
39) 1,2-Dichloropropane	7.51	63	15362	5.079 ug/l	99
40) Dibromomethane	7.66	93	10129	5.167 ug/l	98

Data File : VX004910.D
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Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Oct 03 04:24:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:23:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	18705	4.949	ug/l	98
42) Vinyl Acetate	3.82	43	236902	26.922	ug/l	100
43) Ethyl Acetate	4.85	43	26012	5.185	ug/l	97
44) Isopropyl Acetate	6.46	43	35736	4.773	ug/l	99
45) 1,4-Dioxane	7.76	88	8437	95.646	ug/l	95
46) Methyl methacrylate	7.77	41	17944	4.619	ug/l	98
47) n-amyl Acetate	10.90	43	29953	4.336	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	19412	4.238	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	21904	4.945	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	15257	5.140	ug/l	92
51) Ethyl methacrylate	9.18	69	20803	4.416	ug/l	97
52) 1,3-Dichloropropane	9.37	76	25589	5.110	ug/l	100
53) Dibromochloromethane	9.59	129	14615	4.746	ug/l	100
54) 1,2-Dibromoethane	9.67	107	15626	5.052	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	59270	23.846	ug/l	97
56) Bromoform	10.86	173	11079	4.308	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	127051	23.484	ug/l	98
59) 2-Hexanone	9.49	43	105936	23.767	ug/l	99
61) Tetrachloroethene	9.34	164	14955	5.100	ug/l	94
62) Toluene	8.79	91	63808	5.039	ug/l	99
64) Chlorobenzene	10.14	112	41582	5.085	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.22	131	14265	4.799	ug/l	99
66) Ethyl Benzene	10.25	91	67055	4.850	ug/l	98
67) m/p-Xylenes	10.36	106	51281	9.527	ug/l	95
68) o-Xylene	10.70	106	24452	4.713	ug/l	98
69) Styrene	10.71	104	39124	4.484	ug/l	99
70) Isopropylbenzene	11.02	105	65457	4.711	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	24827	4.811	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	28457	6.053	ug/l	85
73) Bromobenzene	11.26	156	18698	4.896	ug/l	97
74) n-propylbenzene	11.36	91	77462	4.738	ug/l	98
75) 2-Chlorotoluene	11.42	91	48637	4.878	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	55701	4.646	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	5752	3.721	ug/l	88
78) 4-Chlorotoluene	11.51	91	55720	4.808	ug/l	98
79) tert-butylbenzene	12.07	119	57988	4.558	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	55459	4.536	ug/l	99
81) sec-Butylbenzene	11.94	105	66364	4.690	ug/l	99
82) p-Isopropyltoluene	12.07	119	57988	4.558	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	34091	4.827	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	35152	4.905	ug/l	99
85) n-Butylbenzene	12.39	91	50542	4.374	ug/l	100
86) Hexachloroethane	12.60	117	9251	4.414	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	34839	4.853	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	5349	4.485	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	24203	4.519	ug/l	100
90) Hexachlorobutadiene	13.79	225	13328	5.041	ug/l	98
91) Naphthalene	13.83	128	70370	4.226	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	26213	4.773	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100218\
Quantitation Report (Not Reviewed)

Data File : VX004910.D
Acq On : 02 Oct 2018 10:05
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Oct 03 04:24:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:23:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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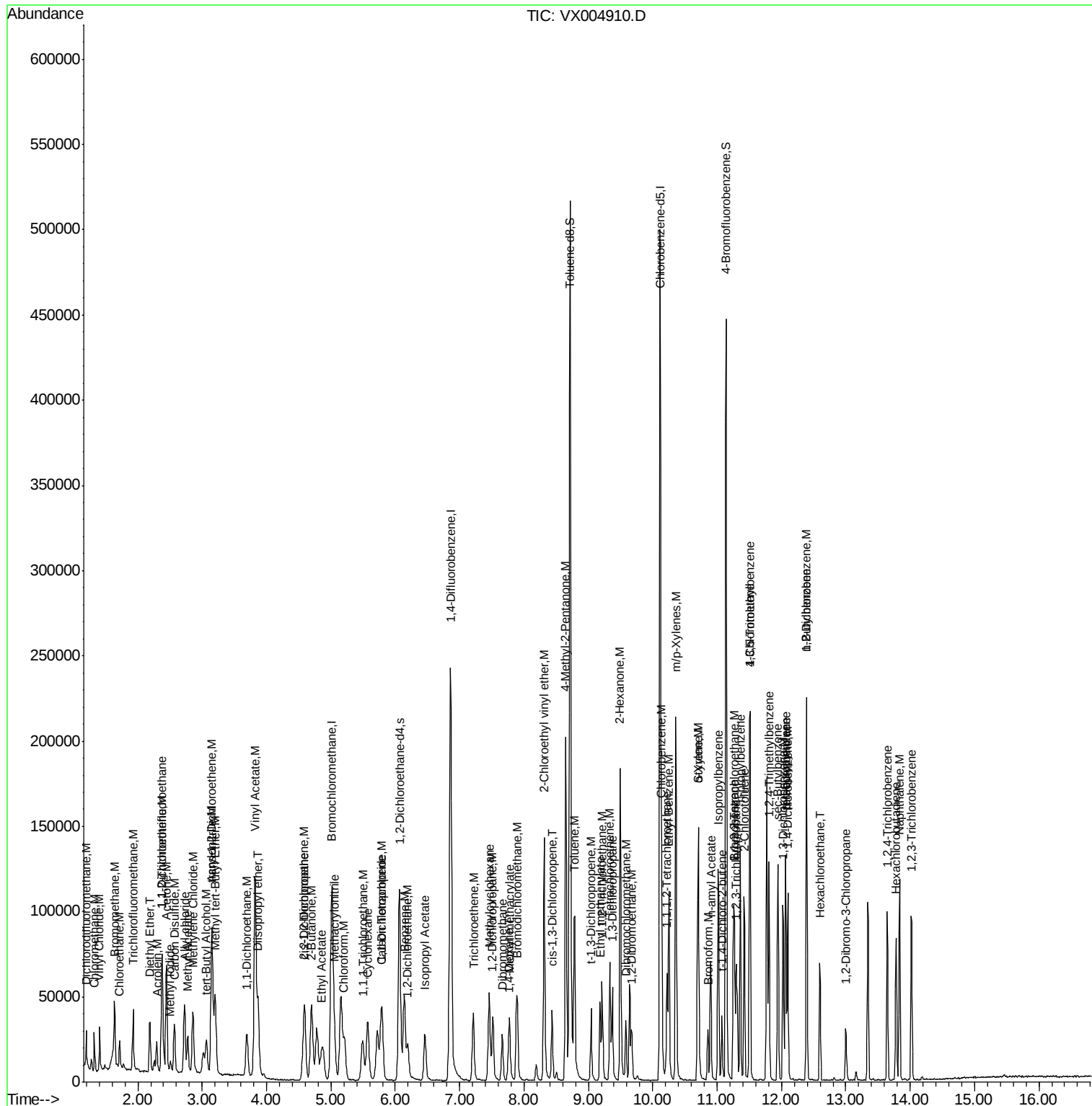
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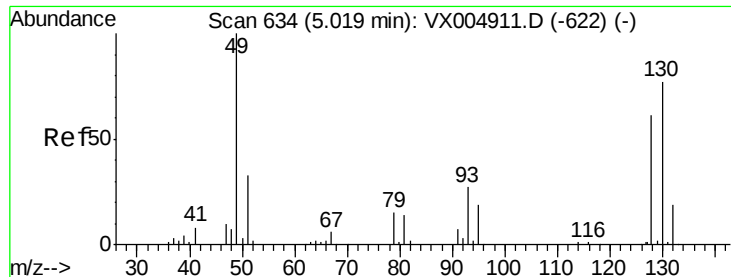
Data File : VX004910.D

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Acq On       : 02 Oct 2018   10:05
Operator     : JC/MD
Sample       : VSTDIC005
Misc         : 5.0mL/MSV0A_X/WATER
ALS Vial     : 2      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Oct 03 04:24:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:23:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX004910.D

Acq: 02 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

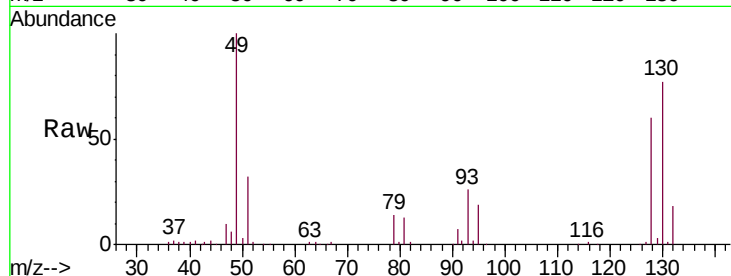
Tgt Ion:128 Resp: 48284

Ion Ratio Lower Upper

128 100

49 170.4 0.0 429.5

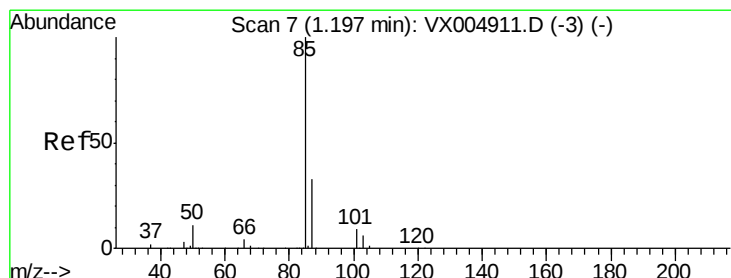
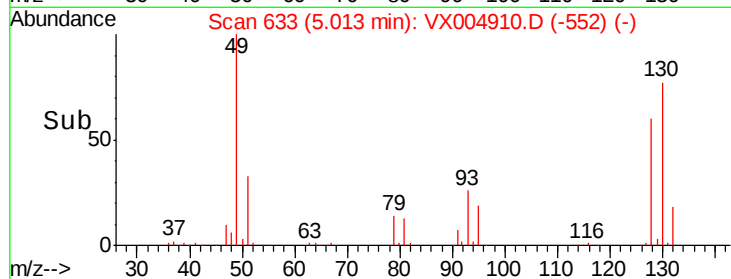
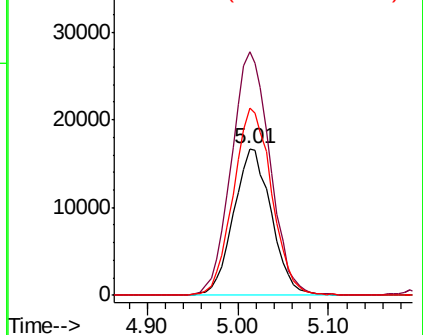
130 130.0 0.0 325.8



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: 3.673 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004910.D

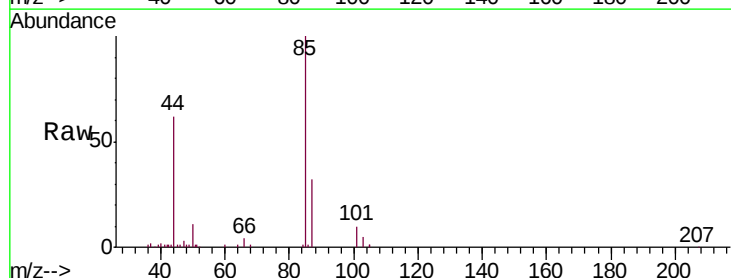
Acq: 02 Oct 2018 10:05

Tgt Ion: 85 Resp: 13806

Ion Ratio Lower Upper

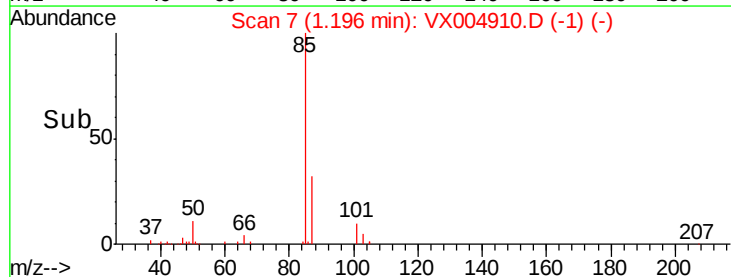
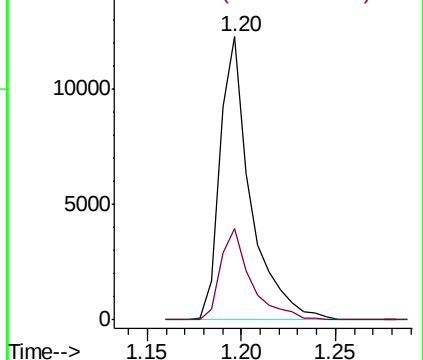
85 100

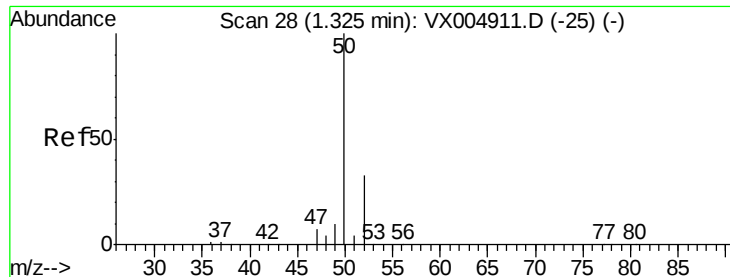
87 32.1 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 4.340 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004910.D

Acq: 02 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

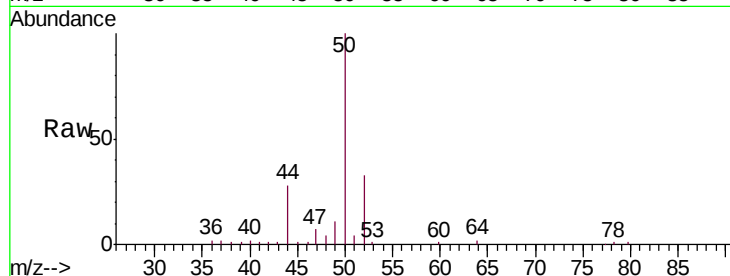
VSTDIC005

Tgt Ion: 50 Resp: 16929

Ion Ratio Lower Upper

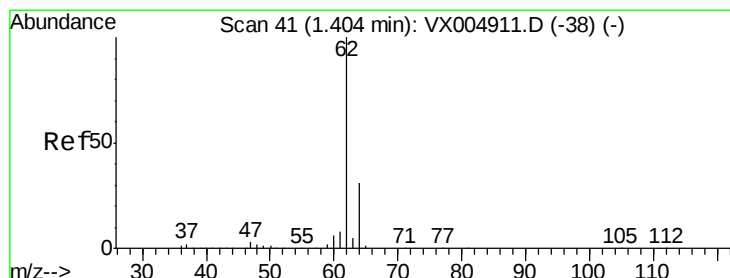
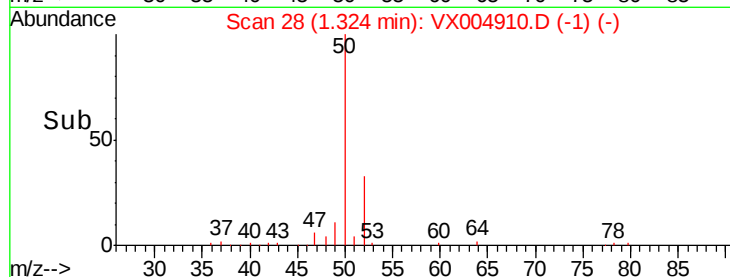
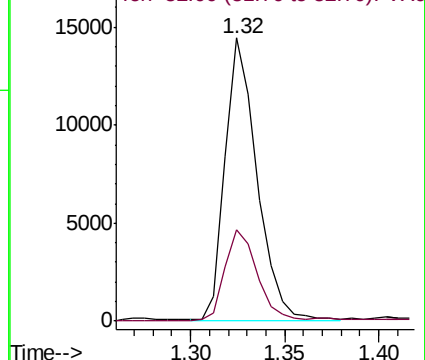
50 100

52 32.6 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 4.276 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004910.D

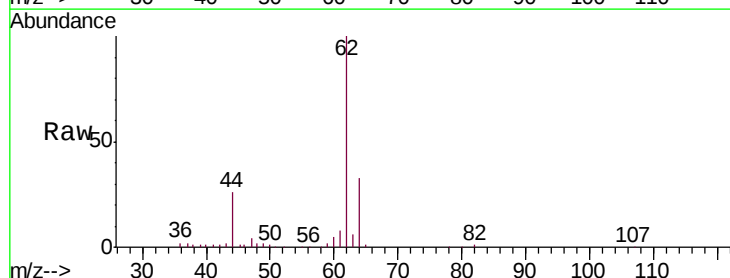
Acq: 02 Oct 2018 10:05

Tgt Ion: 62 Resp: 17049

Ion Ratio Lower Upper

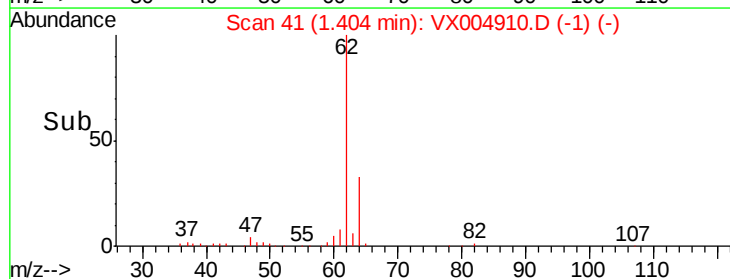
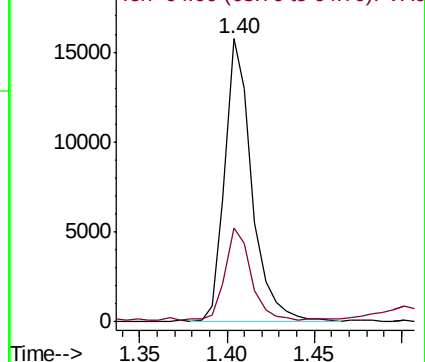
62 100

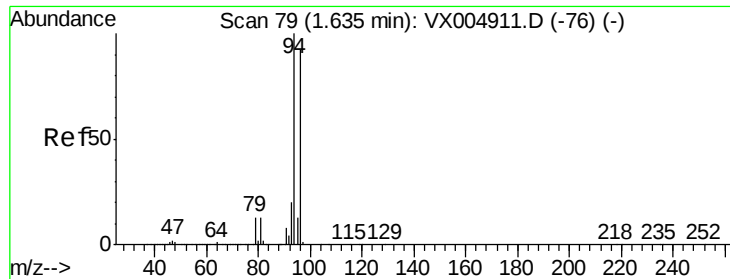
64 32.1 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 4.654 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004910.D

Acq: 02 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

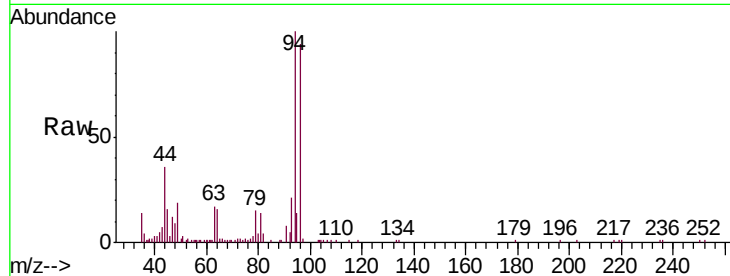
VSTDIC005

Tgt Ion: 94 Resp: 8904

Ion Ratio Lower Upper

94 100

96 94.9 73.8 110.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

10000

8000

6000

4000

2000

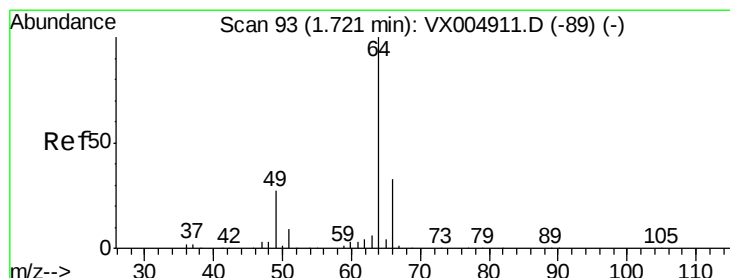
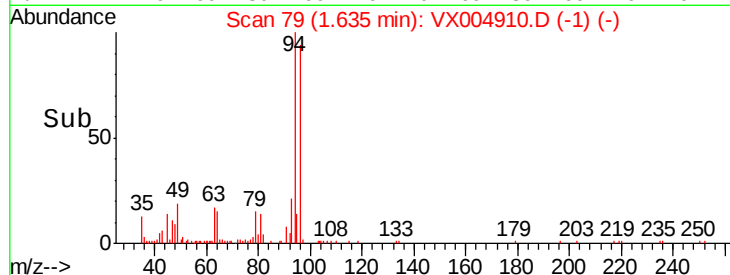
0

1.60

1.64

1.70

Time-->



#6

Chloroethane

Concen: 5.174 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX004910.D

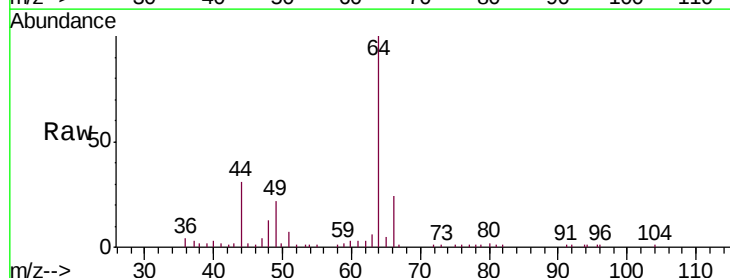
Acq: 02 Oct 2018 10:05

Tgt Ion: 64 Resp: 11845

Ion Ratio Lower Upper

64 100

66 27.2 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

10000

8000

6000

4000

2000

0

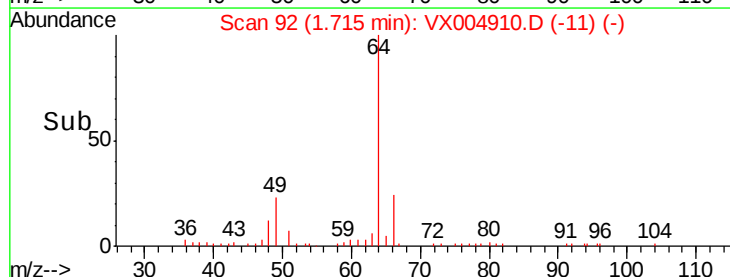
1.65

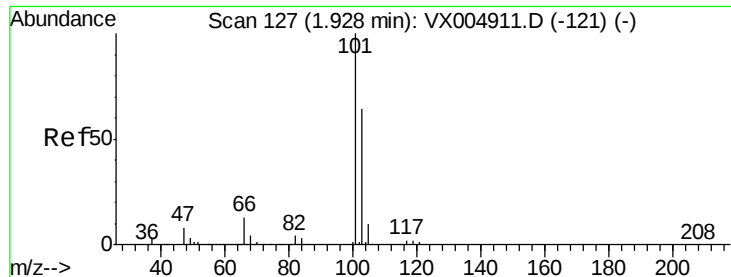
1.70

1.75

1.80

Time-->



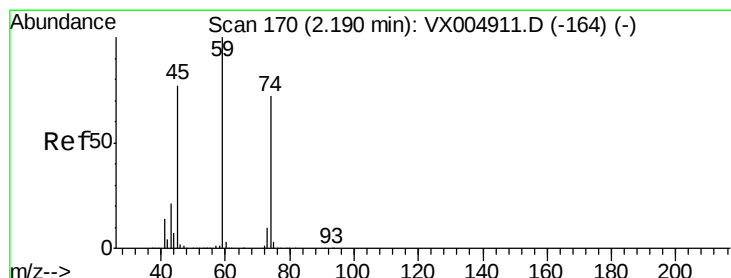
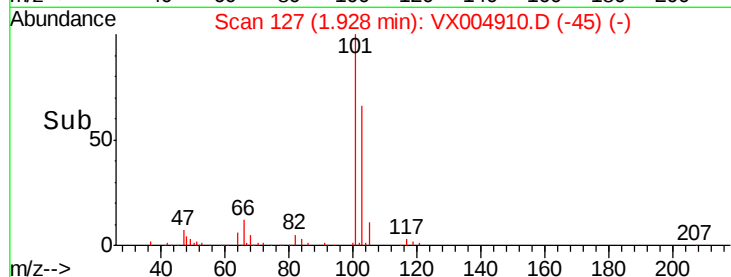
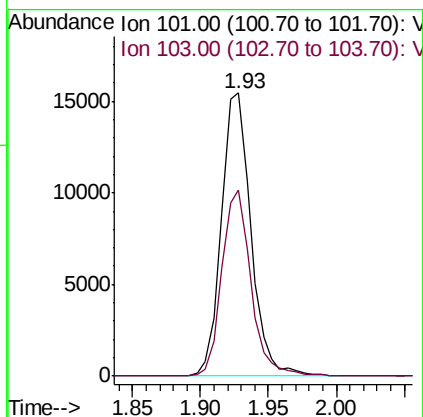
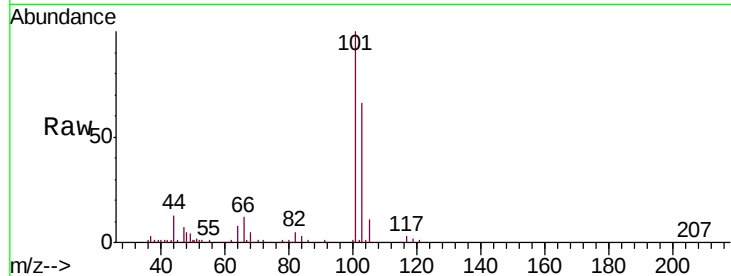


#7

Trichlorofluoromethane
 Concen: 4.594 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX004910.D
 Acq: 02 Oct 2018 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

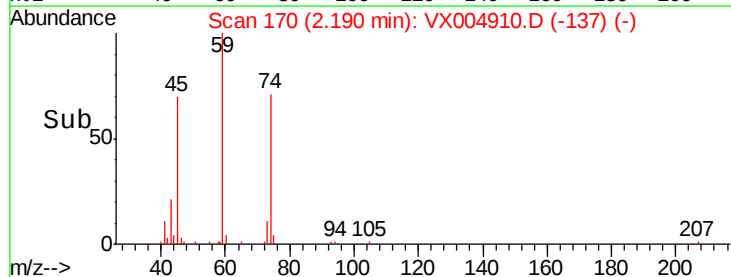
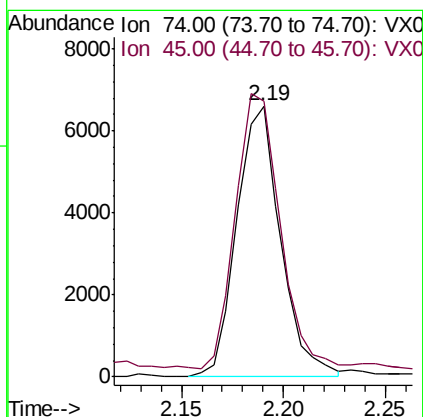
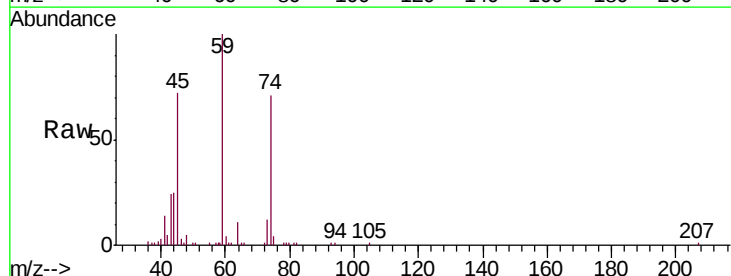
Tgt Ion:101 Resp: 23335
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.1 76.7

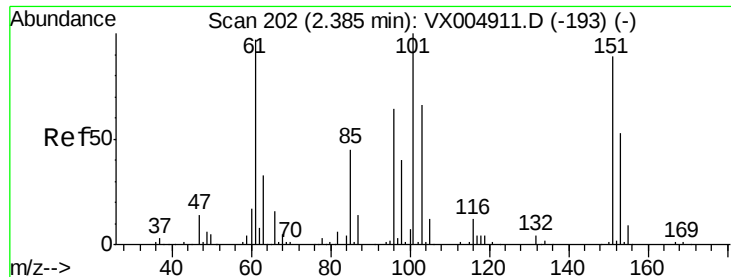


#8

Diethyl Ether
 Concen: 4.764 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004910.D
 Acq: 02 Oct 2018 10:05

Tgt Ion: 74 Resp: 9864
 Ion Ratio Lower Upper
 74 100
 45 103.0 21.6 194.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.006 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX004910.D

Acq: 02 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

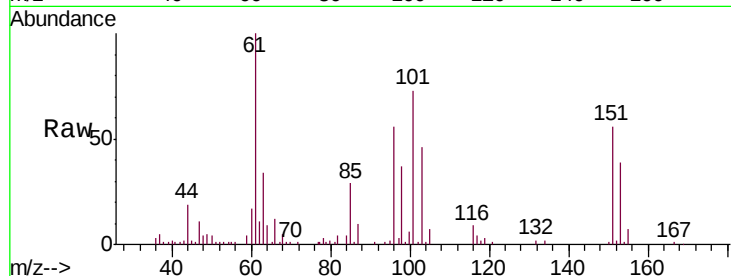
Tgt Ion: 101 Resp: 14603

Ion Ratio Lower Upper

101 100

85 43.9 0.0 88.0

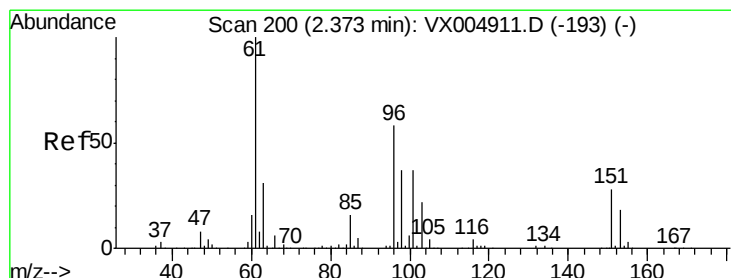
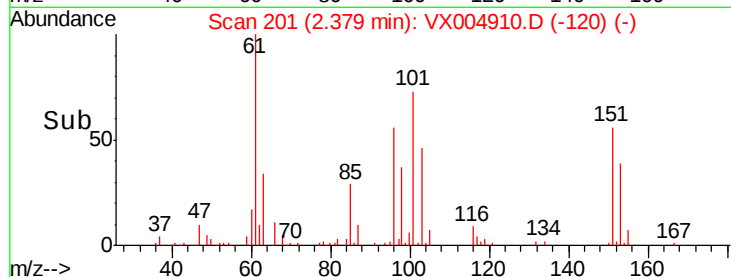
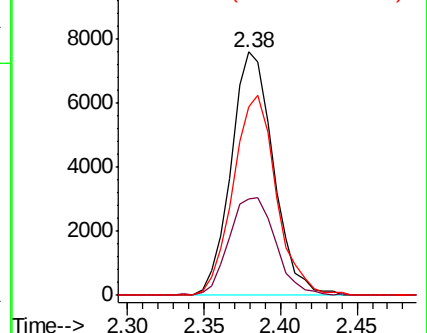
151 83.5 0.0 164.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 4.811 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX004910.D

Acq: 02 Oct 2018 10:05

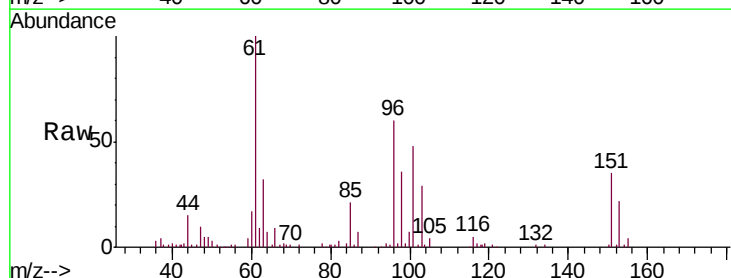
Tgt Ion: 96 Resp: 13293

Ion Ratio Lower Upper

96 100

61 165.0 137.9 206.9

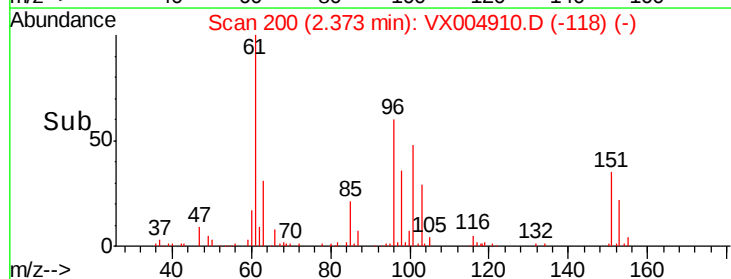
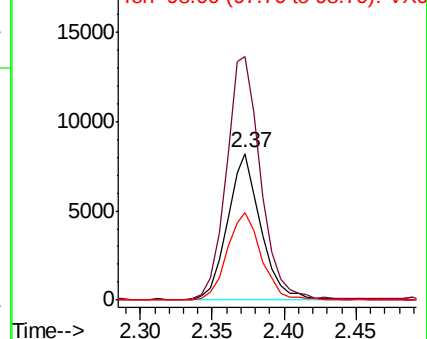
98 59.3 51.0 76.4

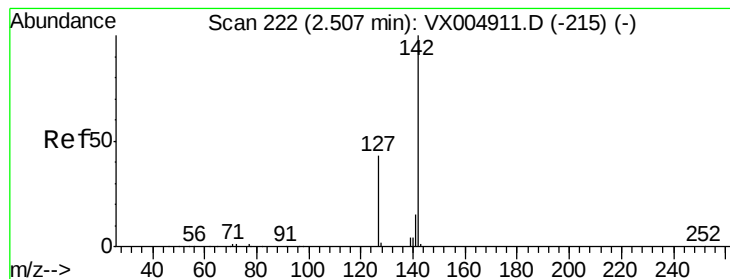


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 2.416 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004910.D

Acq: 02 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

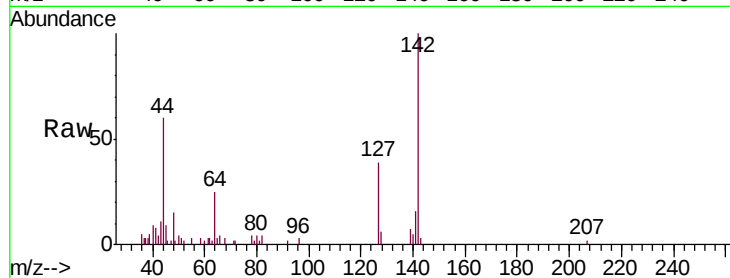
Tgt Ion:142 Resp: 5435

Ion Ratio Lower Upper

142 100

127 38.0 21.6 64.8

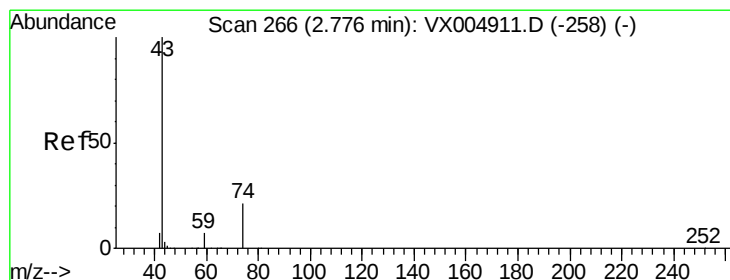
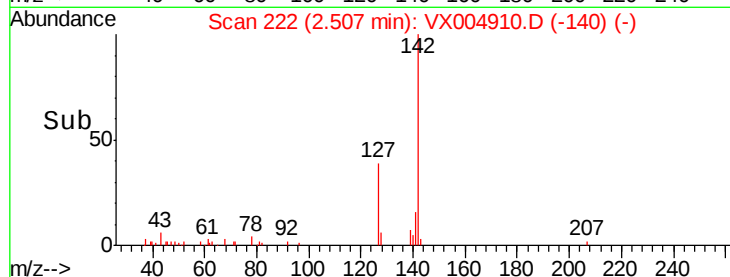
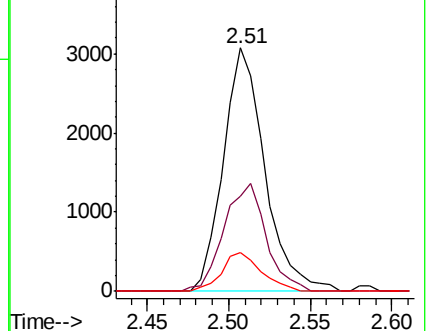
141 15.8 7.5 22.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 4.542 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004910.D

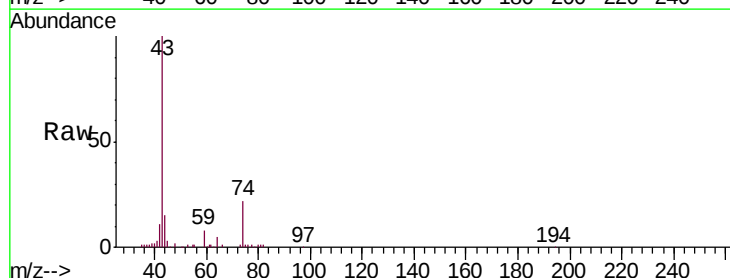
Acq: 02 Oct 2018 10:05

Tgt Ion: 43 Resp: 25307

Ion Ratio Lower Upper

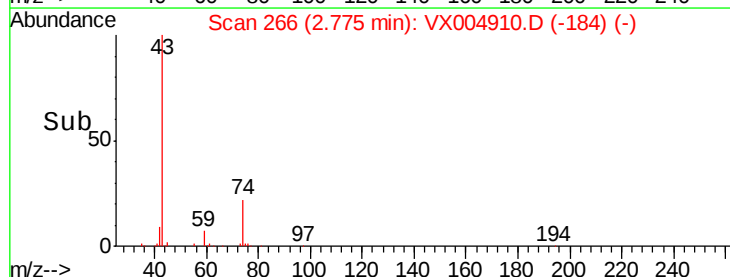
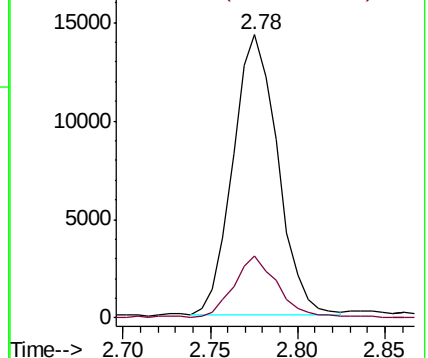
43 100

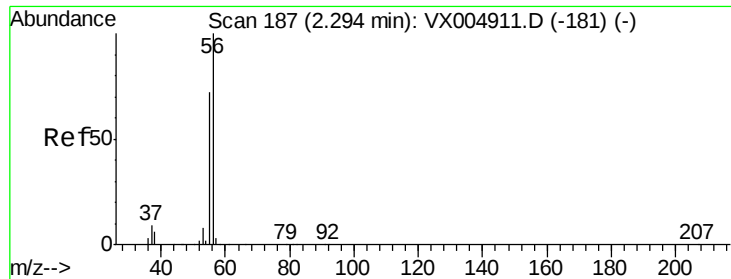
74 21.4 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 26.287 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004910.D

Acq: 02 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

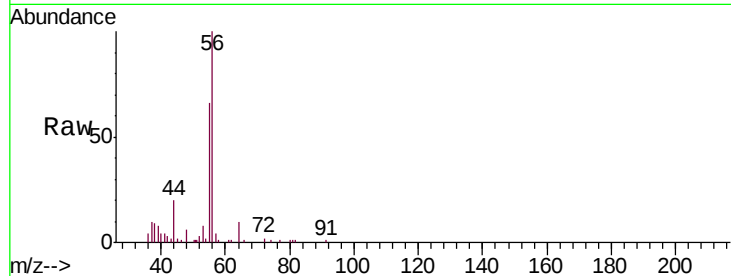
VSTDIC005

Tgt Ion: 56 Resp: 13531

Ion Ratio Lower Upper

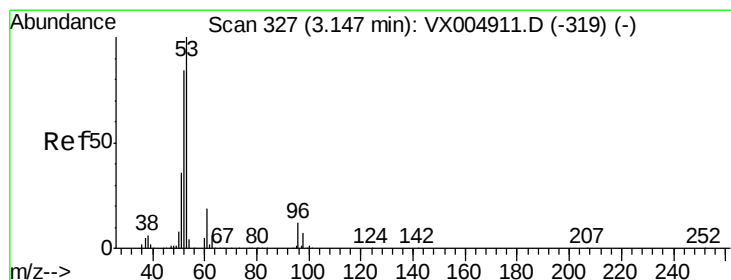
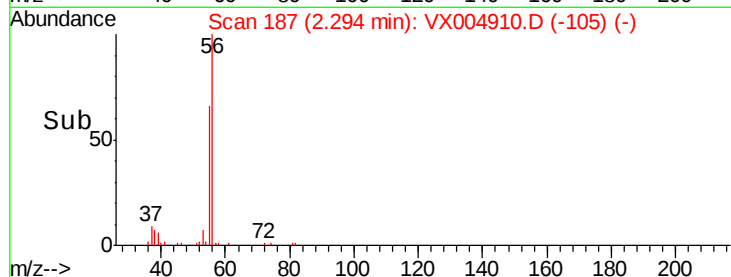
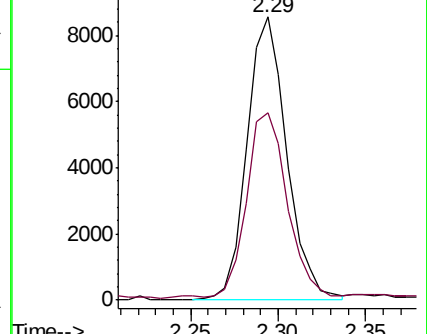
56 100

55 65.9 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 24.511 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004910.D

Acq: 02 Oct 2018 10:05

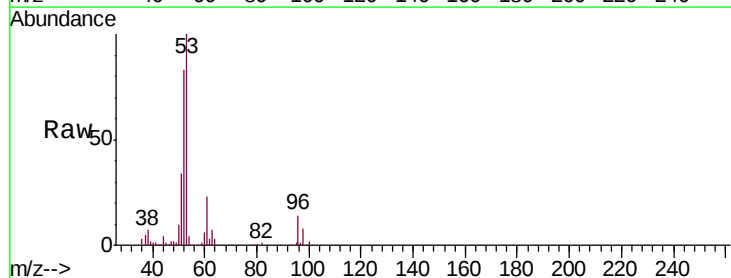
Tgt Ion: 53 Resp: 55804

Ion Ratio Lower Upper

53 100

52 82.5 41.5 124.6

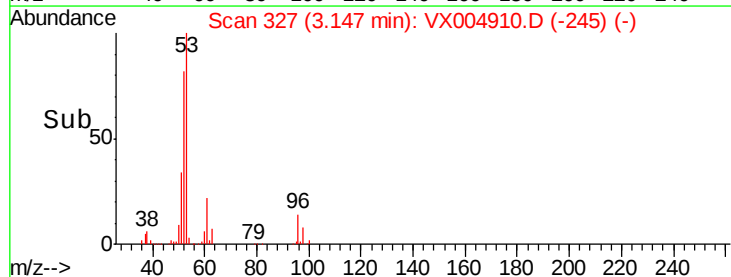
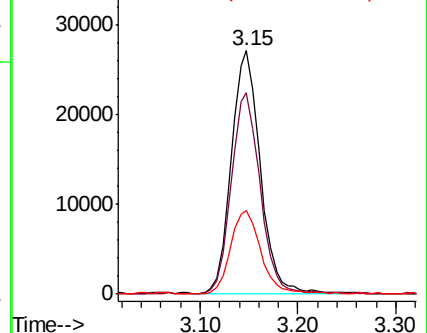
51 34.8 18.0 54.0

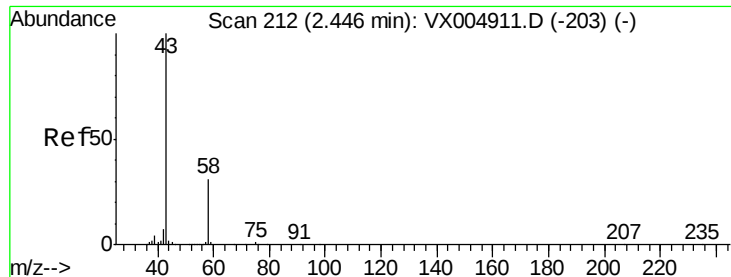


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 27.704 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004910.D

Acq: 02 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

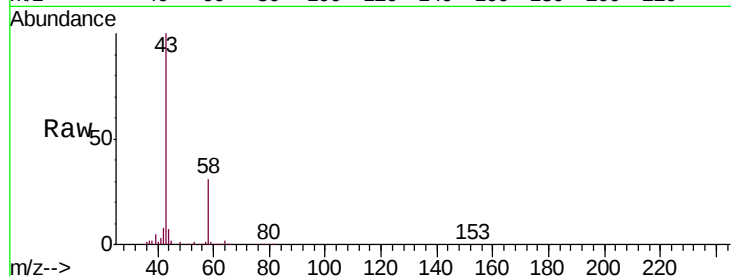
VSTDIC005

Tgt Ion: 58 Resp: 21084

Ion Ratio Lower Upper

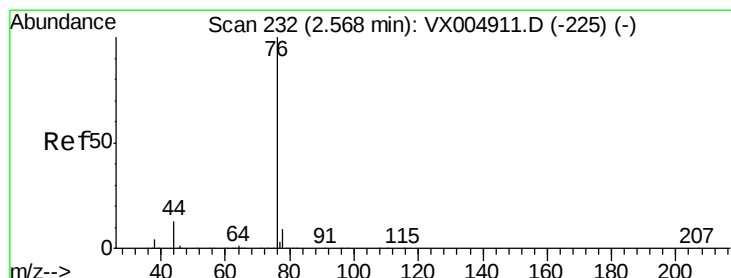
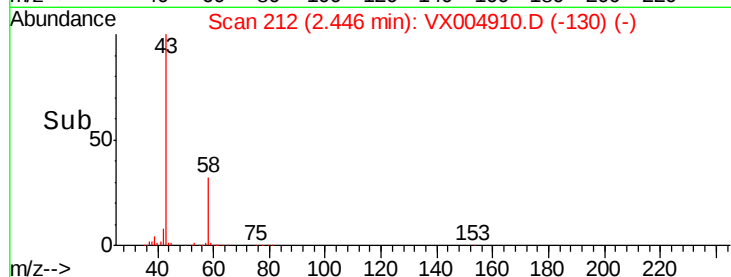
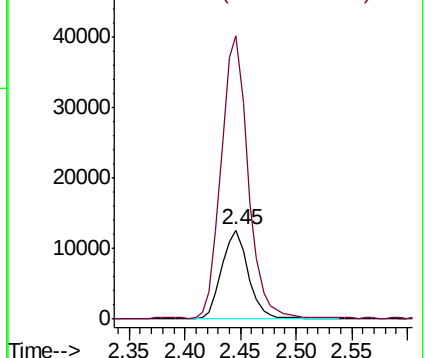
58 100

43 317.4 258.6 388.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 4.412 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004910.D

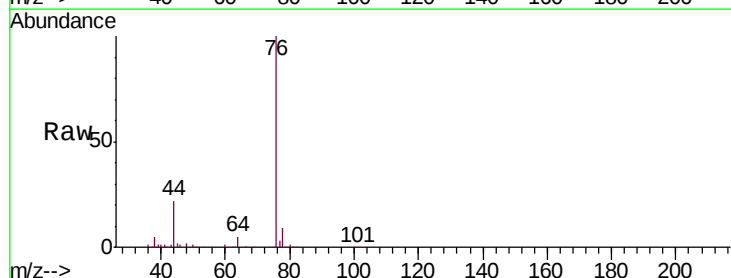
Acq: 02 Oct 2018 10:05

Tgt Ion: 76 Resp: 35750

Ion Ratio Lower Upper

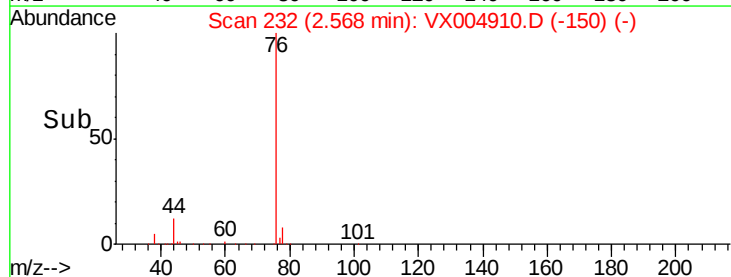
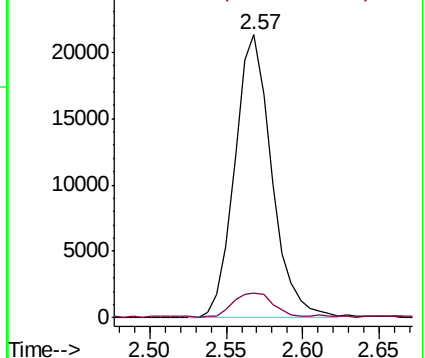
76 100

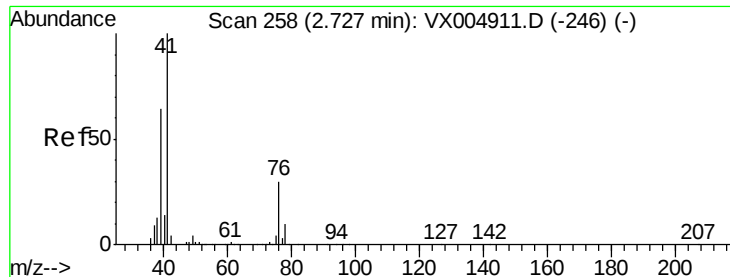
78 8.3 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

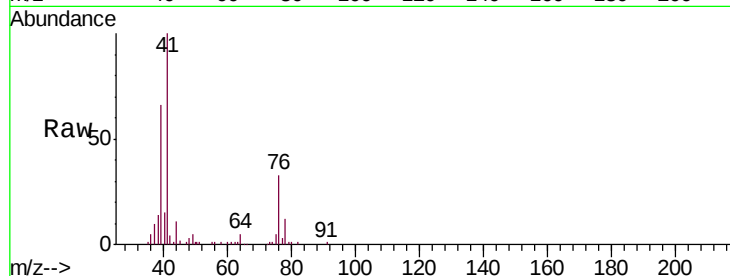




#17
 Allyl chloride
 Concen: 4.690 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX004910.D
 Acq: 02 Oct 2018 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.7	31.8	95.4
76	32.8	15.3	45.8

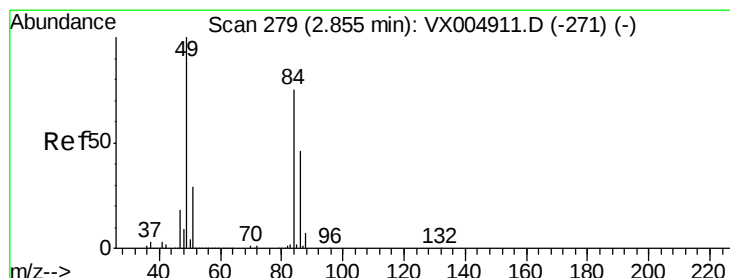
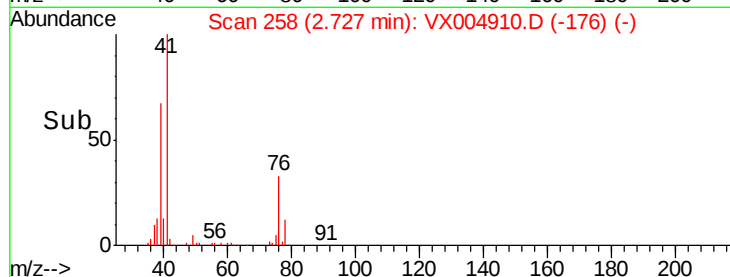
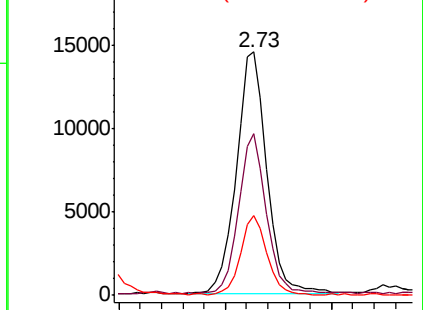


Abundance

Ion 41.00 (40.70 to 41.70): VX0

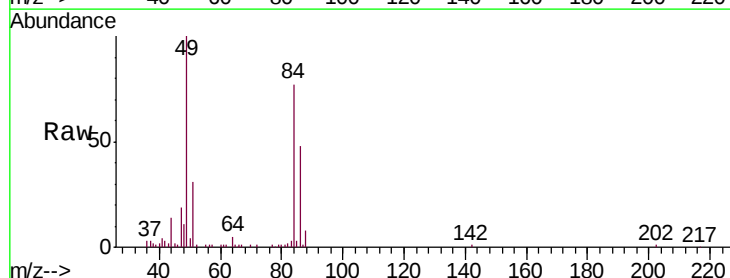
Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18
 Methylene Chloride
 Concen: 5.077 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004910.D
 Acq: 02 Oct 2018 10:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.6	106.2	159.4
51	39.6	31.3	46.9
86	61.5	48.9	73.3



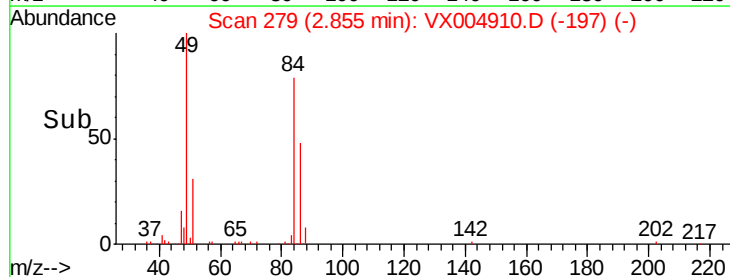
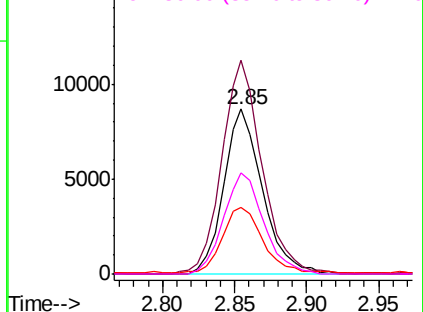
Abundance

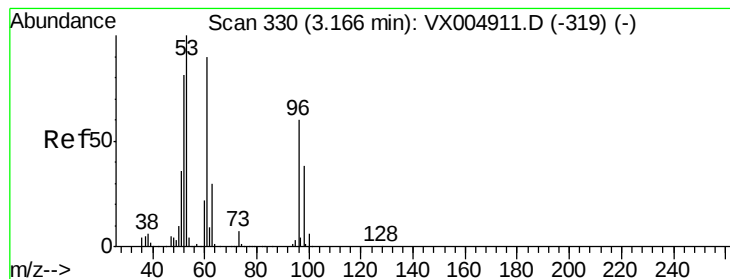
Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 4.866 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX004910.D

Acq: 02 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

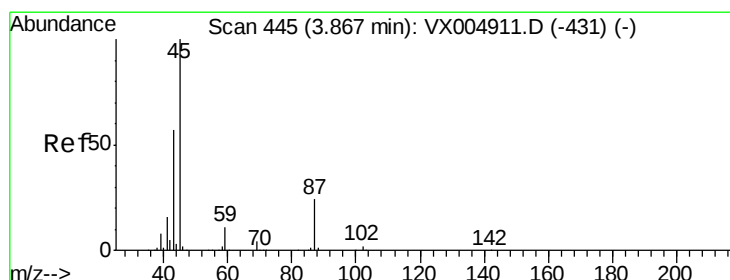
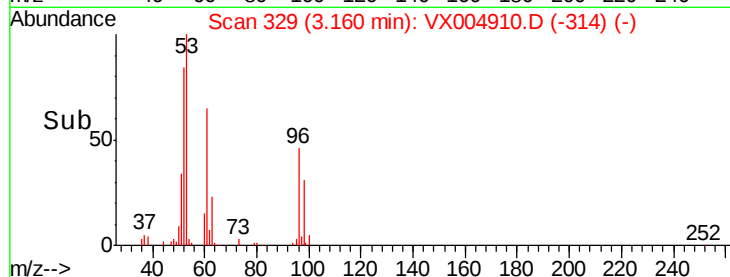
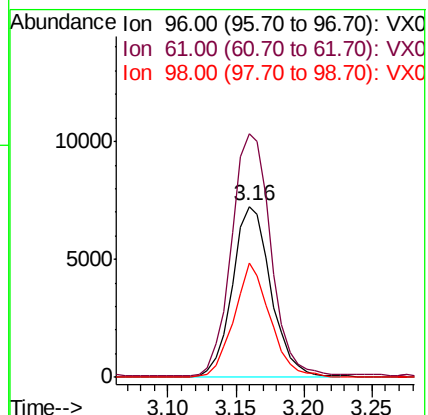
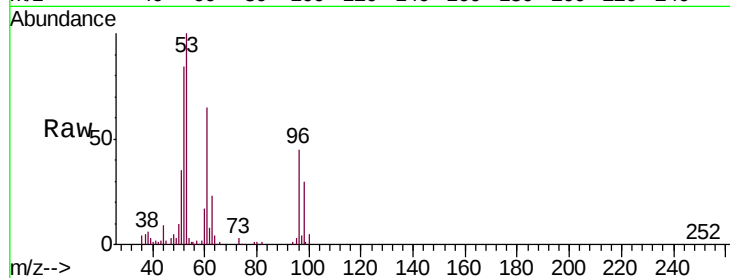
Tgt Ion: 96 Resp: 14362

Ion Ratio Lower Upper

96 100

61 141.8 119.5 179.3

98 66.7 50.6 75.8



#20

Diisopropyl ether

Concen: 4.912 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX004910.D

Acq: 02 Oct 2018 10:05

Tgt Ion: 45 Resp: 51451

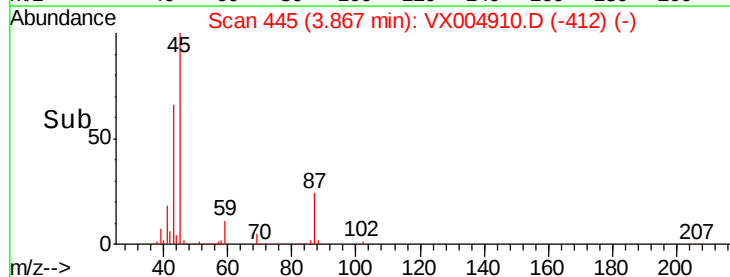
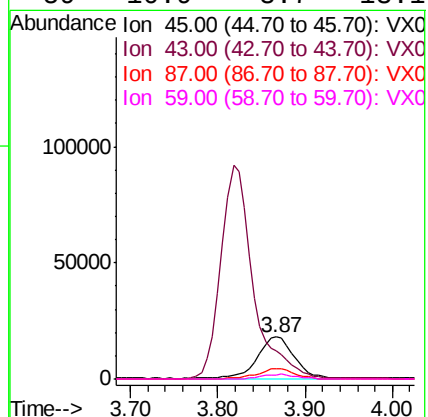
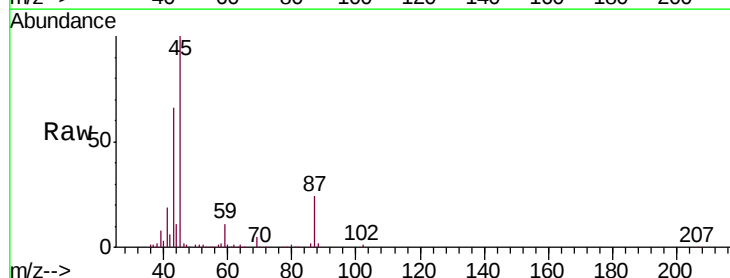
Ion Ratio Lower Upper

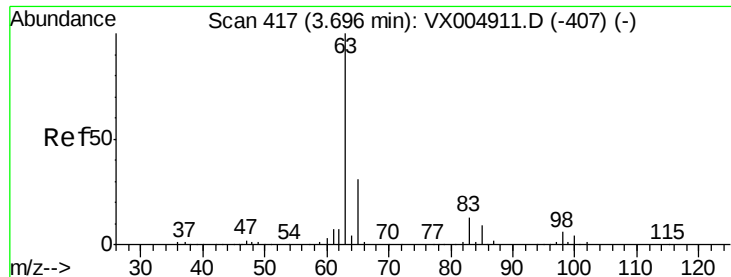
45 100

43 64.8 49.8 74.8

87 24.4 19.1 28.7

59 10.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 5.018 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004910.D

Acq: 02 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

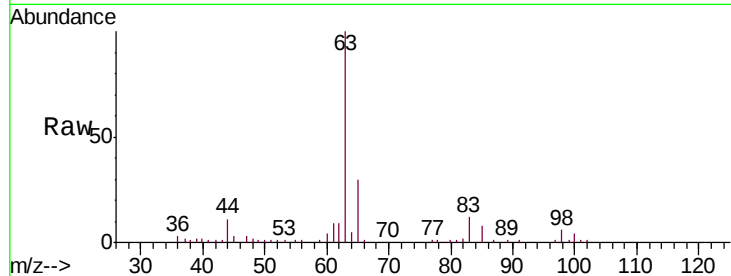
Tgt Ion: 63 Resp: 28964

Ion Ratio Lower Upper

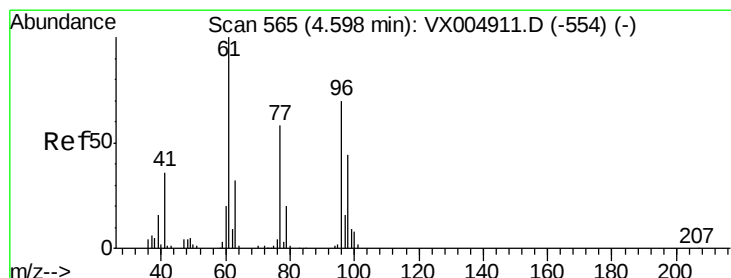
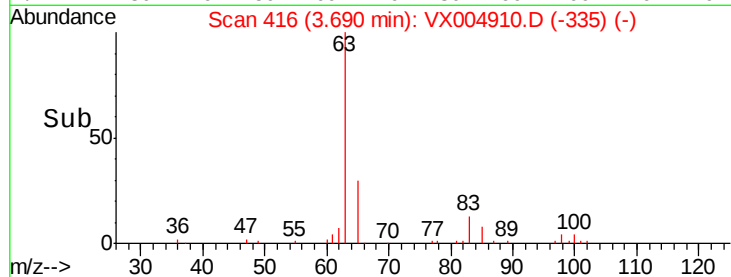
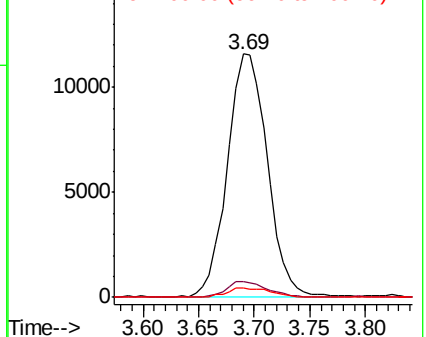
63 100

98 6.2 3.2 9.6

100 4.0 2.1 6.5



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 4.789 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004910.D

Acq: 02 Oct 2018 10:05

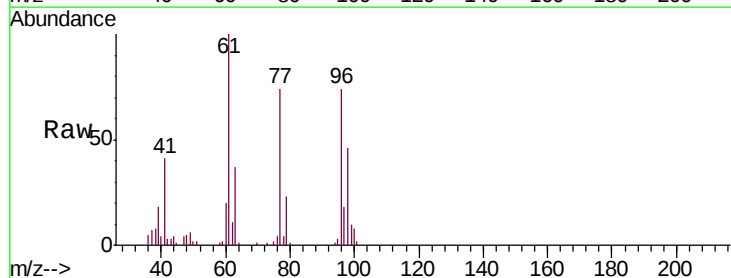
Tgt Ion: 96 Resp: 15638

Ion Ratio Lower Upper

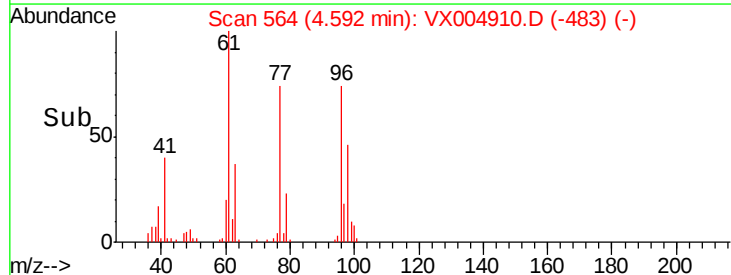
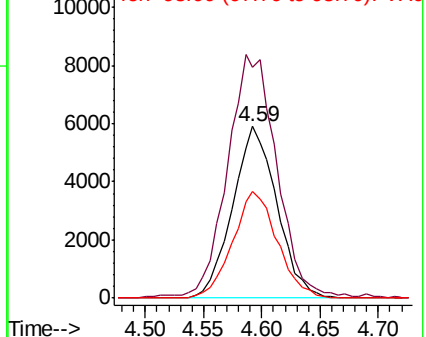
96 100

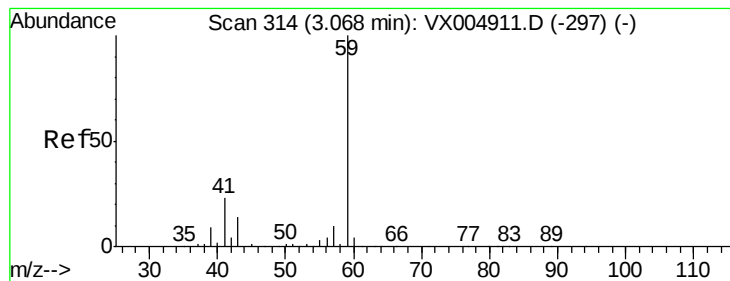
61 157.7 123.3 184.9

98 62.5 51.4 77.0



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





#23

tert-Butyl Alcohol

Concen: 23.672 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.00 min

Lab File: VX004910.D

Acq: 02 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

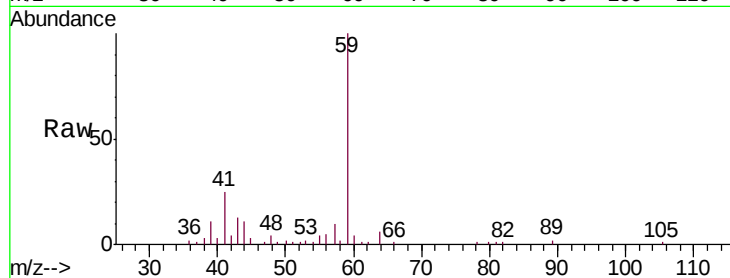
VSTDIC005

Tgt Ion: 59 Resp: 24882

Ion Ratio Lower Upper

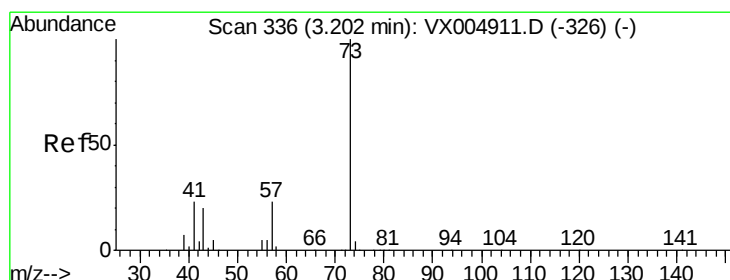
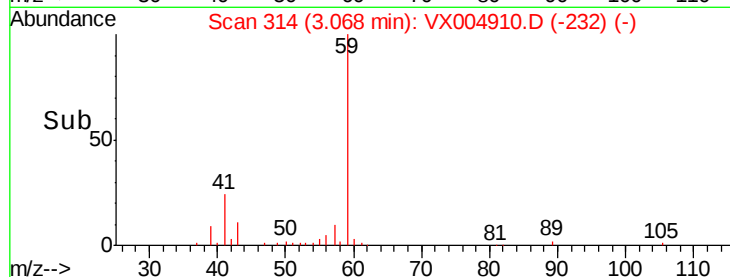
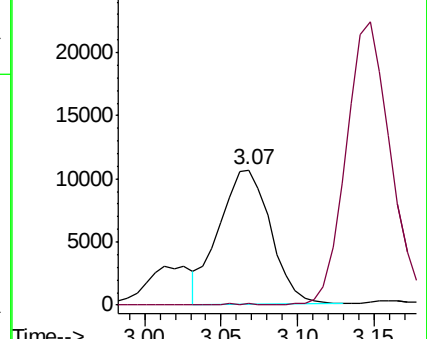
59 100

52 0.4 0.1 0.1#



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: 4.831 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX004910.D

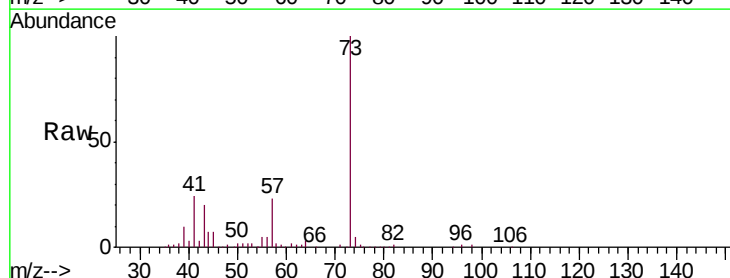
Acq: 02 Oct 2018 10:05

Tgt Ion: 73 Resp: 49054

Ion Ratio Lower Upper

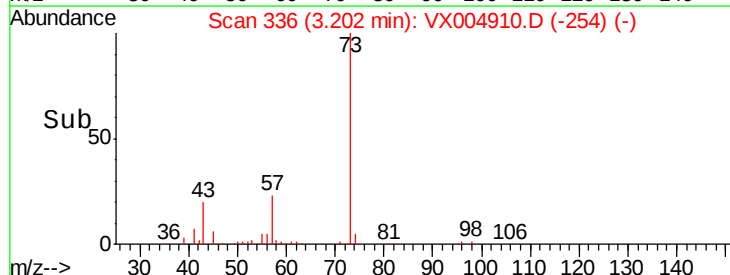
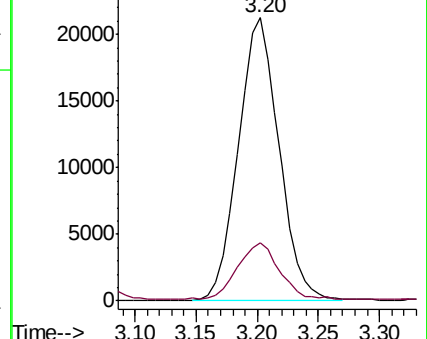
73 100

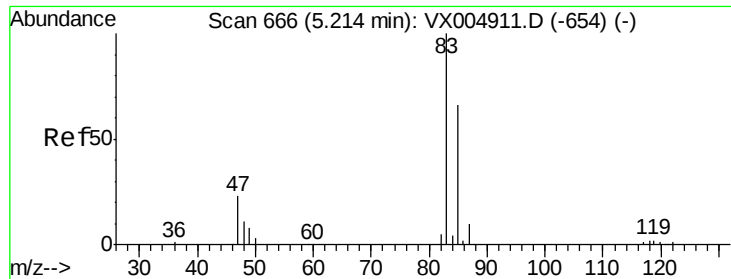
43 20.3 16.3 24.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

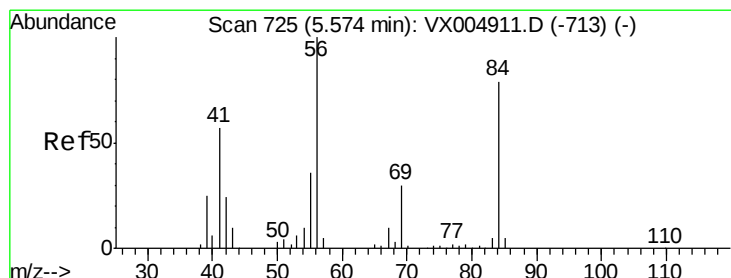
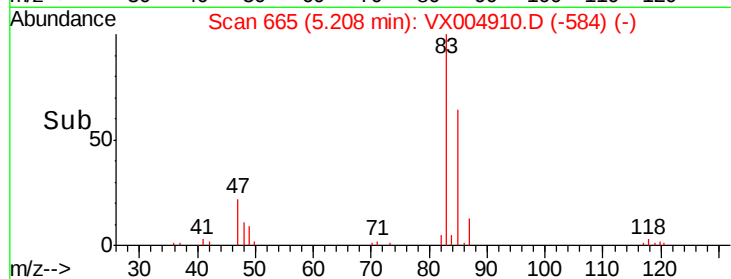
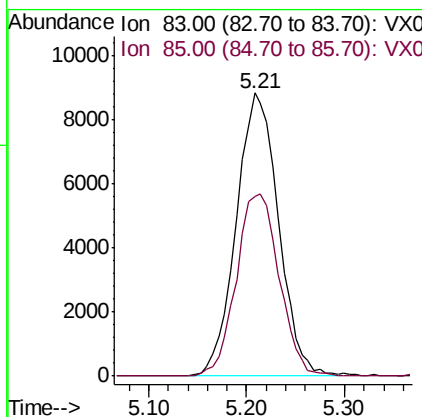
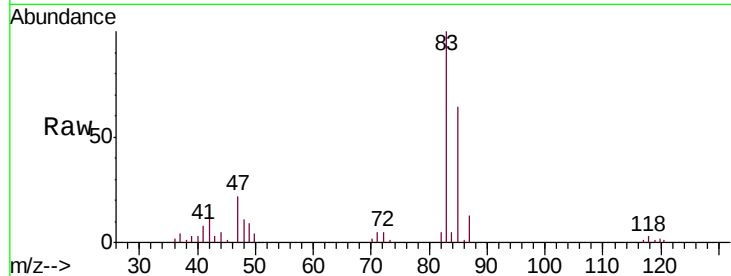




#25
Chloroform
Concen: 4.865 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004910.D
Acq: 02 Oct 2018 10:05

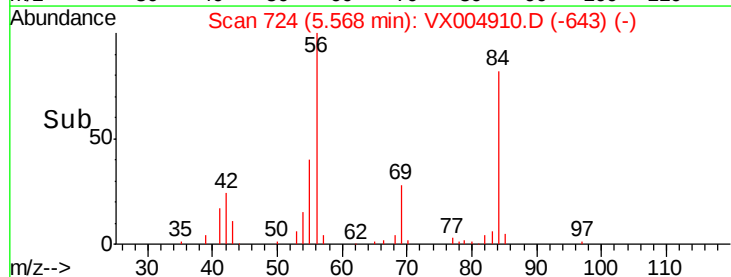
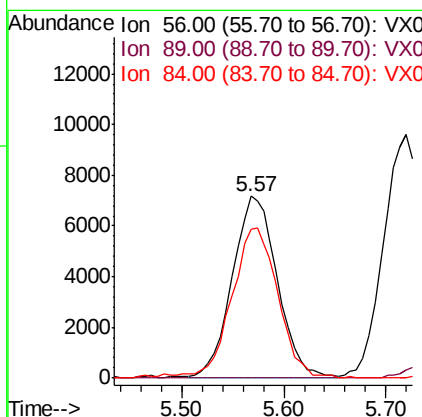
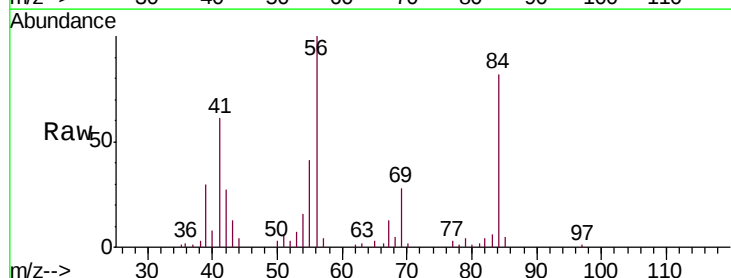
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

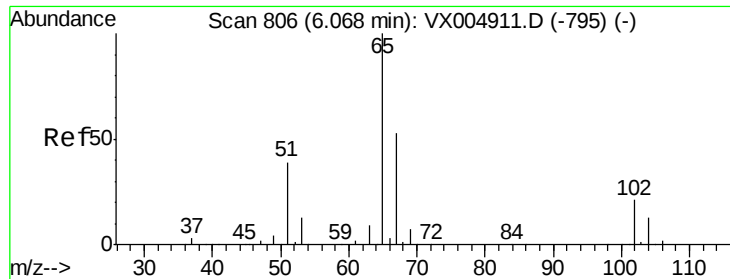
Tgt Ion: 83 Resp: 26424
Ion Ratio Lower Upper
83 100
85 63.6 53.1 79.7



#26
Cyclohexane
Concen: 4.438 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX004910.D
Acq: 02 Oct 2018 10:05

Tgt Ion: 56 Resp: 21984
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.5 65.8 98.6

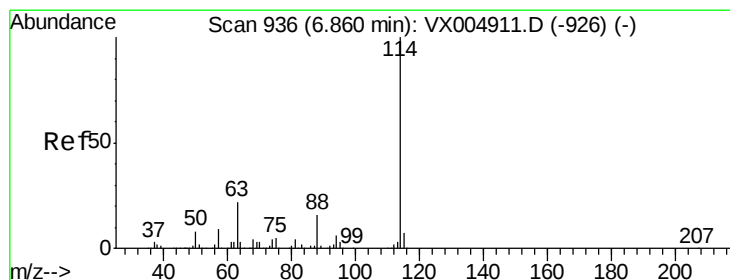
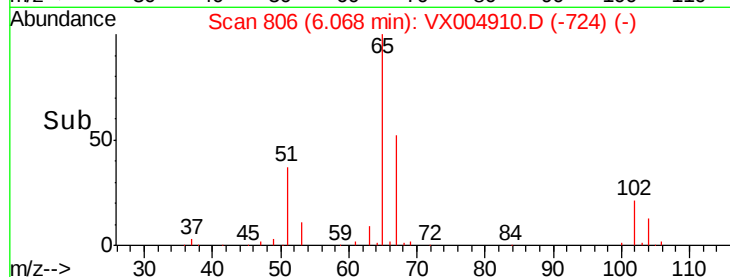
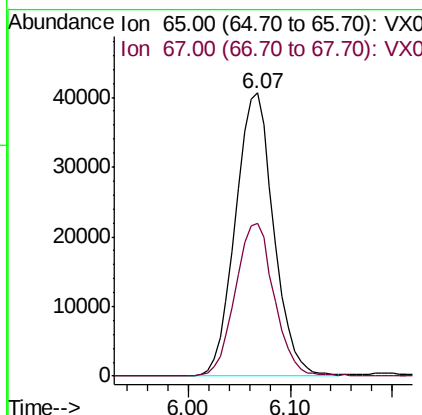
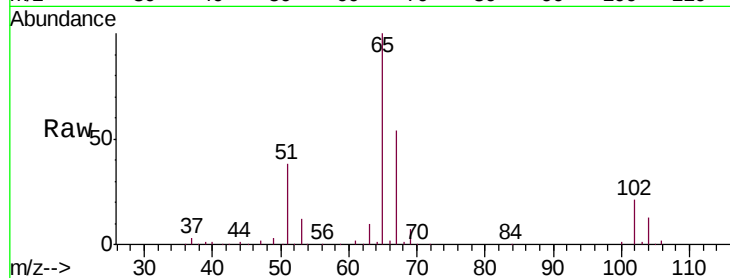




#27
 1,2-Dichloroethane-d4
 Concen: 28.911 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004910.D
 Acq: 02 Oct 2018 10:05

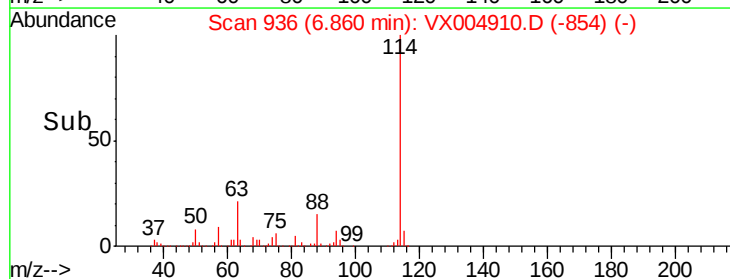
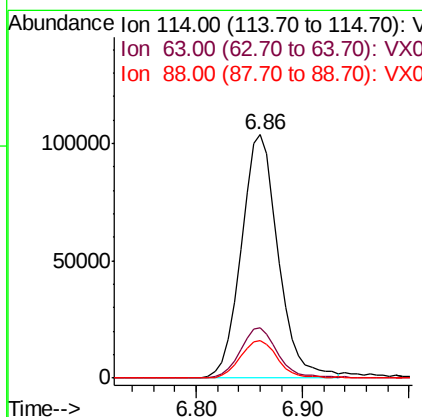
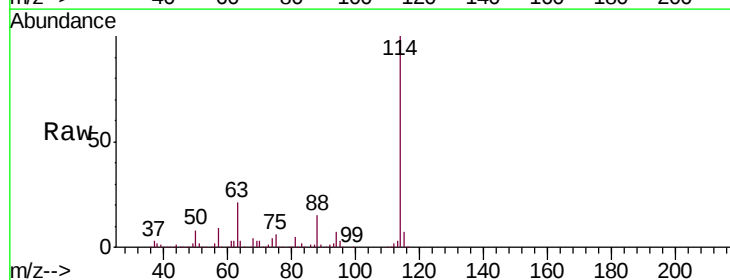
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

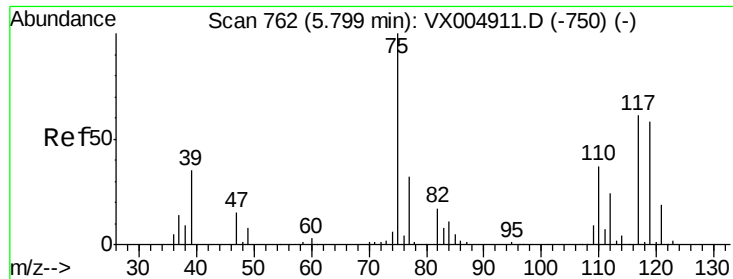
Tgt Ion: 65 Resp: 106077
 Ion Ratio Lower Upper
 65 100
 67 54.3 43.0 64.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004910.D
 Acq: 02 Oct 2018 10:05

Tgt Ion: 114 Resp: 252806
 Ion Ratio Lower Upper
 114 100
 63 20.6 16.6 24.8
 88 15.6 12.4 18.6

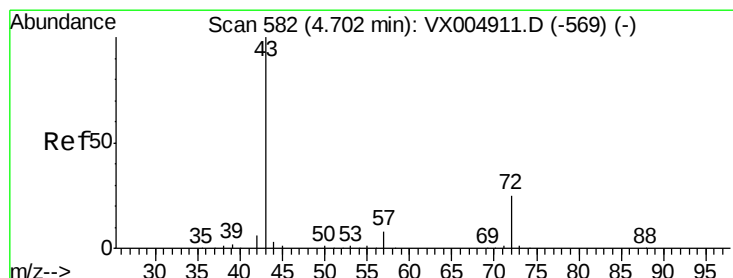
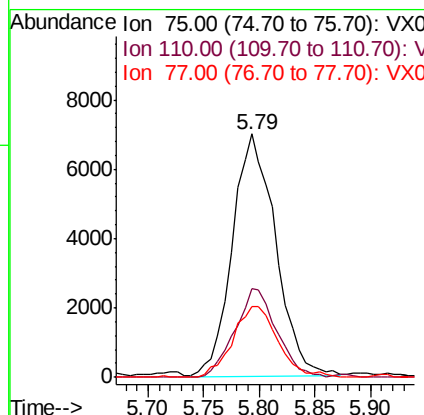
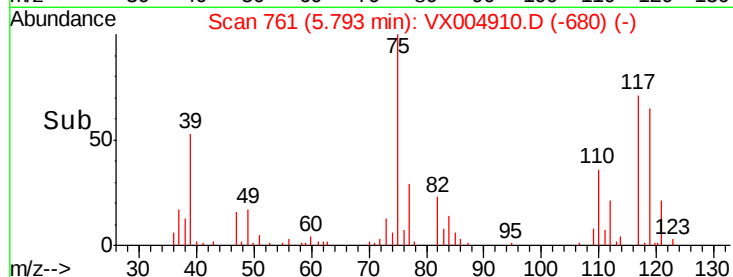
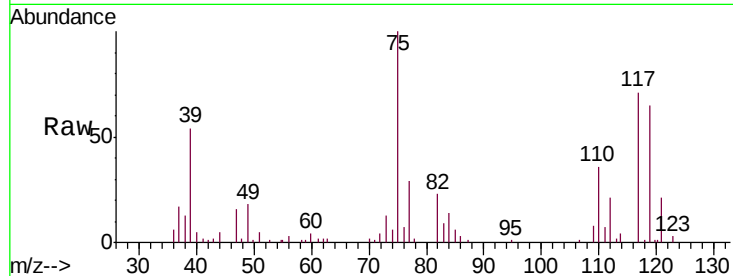




#29
 1,1-Dichloropropene
 Concen: 5.057 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004910.D
 Acq: 02 Oct 2018 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	75	Resp:	18917
Ion	Ratio	Lower	Upper
75	100		
110	35.1	0.0	70.8
77	29.6	0.0	63.0



#30
 2-Butanone
 Concen: 27.223 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX004910.D
 Acq: 02 Oct 2018 10:05

Tgt Ion:	43	Resp:	82798
Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.2	9.4
72	24.3	19.7	29.5

