

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010819\
 Data File : VX006948.D
 Acq On : 08 Jan 2019 11:32
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jan 12 00:59:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	664076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	964887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	850059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	434019	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	9432	1.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.72%	
35) Dibromofluoromethane	5.51	113	8082	1.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.62%	
50) Toluene-d8	8.71	98	25949	1.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.30%	
62) 4-Bromofluorobenzene	11.13	95	9081	1.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.30%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	5037	0.924 ug/l	94
3) Chloromethane	1.33	50	6854	1.080 ug/l #	74
4) Vinyl Chloride	1.41	62	7688	1.126 ug/l	97
5) Bromomethane	1.65	94	8289	1.136 ug/l	81
6) Chloroethane	1.73	64	5185	1.087 ug/l	91
7) Trichlorofluoromethane	1.93	101	12451	1.128 ug/l	91
8) Diethyl Ether	2.19	74	5221	1.189 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7882	1.193 ug/l	92
10) Methyl Iodide	2.51	142	7888	0.885 ug/l #	89
11) Tert butyl alcohol	3.06	59	12802	7.820 ug/l #	90
12) 1,1-Dichloroethene	2.38	96	6774	1.110 ug/l	88
13) Acrolein	2.29	56	5788	11.180 ug/l	88
14) Allyl chloride	2.73	41	11394	1.089 ug/l	97
15) Acrylonitrile	3.15	53	21262	5.657 ug/l	97
16) Acetone	2.45	43	21420	6.243 ug/l	98
17) Carbon Disulfide	2.57	76	18624	1.185 ug/l	97
18) Methyl Acetate	2.78	43	11870	1.195 ug/l #	80
19) Methyl tert-butyl Ether	3.20	73	22657	1.070 ug/l	98
20) Methylene Chloride	2.86	84	9707	0.932 ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	8559	1.258 ug/l	92
22) Diisopropyl ether	3.87	45	21578	1.097 ug/l	92
23) Vinyl Acetate	3.82	43	90511	5.458 ug/l	97
24) 1,1-Dichloroethane	3.70	63	11874	1.080 ug/l #	85
25) 2-Butanone	4.69	43	27751	5.653 ug/l	100
26) 2,2-Dichloropropane	4.59	77	9340	1.105 ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	8745	1.166 ug/l	96
28) Bromochloromethane	5.01	49	2095	0.435 ug/l #	3
29) Tetrahydrofuran	5.15	42	18358	5.754 ug/l	95
30) Chloroform	5.21	83	12699	1.103 ug/l	89
31) Cyclohexane	5.58	56	10894	1.113 ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	10040	1.029 ug/l #	48
36) 1,1-Dichloropropene	5.81	75	9265	1.104 ug/l #	90
37) Ethyl Acetate	4.85	43	9312	1.035 ug/l #	87
38) Carbon Tetrachloride	5.77	117	9116	1.080 ug/l	85

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 VSTDIC001

Quant Time: Jan 12 00:59:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	12607	1.179	ug/l	94
40) Benzene	6.15	78	28666	1.120	ug/l	95
41) Methacrylonitrile	5.06	41	6523	1.259	ug/l #	95
42) 1,2-Dichloroethane	6.20	62	10597	1.198	ug/l	92
43) Isopropyl Acetate	6.46	43	14942	1.053	ug/l	96
44) Trichloroethene	7.21	130	9402	1.226	ug/l	66
45) 1,2-Dichloropropane	7.51	63	6741	1.048	ug/l	97
46) Dibromomethane	7.66	93	5057	1.118	ug/l	96
47) Bromodichloromethane	7.90	83	7786	1.011	ug/l #	83
48) Methyl methacrylate	7.77	41	8281	1.137	ug/l	89
49) 1,4-Dioxane	7.76	88	5155	22.598	ug/l #	87
51) 4-Methyl-2-Pentanone	8.65	43	48672	5.339	ug/l	100
52) Toluene	8.79	92	18482	1.123	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	8439	0.989	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	9222	0.978	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	7022	1.066	ug/l	98
56) Ethyl methacrylate	9.18	69	9905	1.030	ug/l	92
57) 1,3-Dichloropropane	9.37	76	11947	1.107	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.31	63	24258	4.908	ug/l	98
59) 2-Hexanone	9.49	43	35693	5.137	ug/l	96
60) Dibromochloromethane	9.59	129	5600	0.876	ug/l	96
61) 1,2-Dibromoethane	9.67	107	7810	1.077	ug/l	98
64) Tetrachloroethene	9.34	164	8896	1.209	ug/l	94
65) Chlorobenzene	10.13	112	20831	1.124	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	5659	0.907	ug/l #	64
67) Ethyl Benzene	10.25	91	34802	1.137	ug/l	99
68) m/p-Xylenes	10.36	106	26929	2.233	ug/l	95
69) o-Xylene	10.70	106	13324	1.133	ug/l	99
70) Styrene	10.71	104	19578	1.051	ug/l	99
71) Bromoform	10.86	173	3870	5.356	ug/l #	96
73) Isopropylbenzene	11.02	105	33634	1.099	ug/l	100
74) N-amyl acetate	10.90	43	12265	0.995	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	10327	1.063	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	10813	1.229	ug/l	96
77) Bromobenzene	11.26	156	9743	1.155	ug/l	99
78) n-propylbenzene	11.36	91	35832	1.067	ug/l	100
79) 2-Chlorotoluene	11.42	91	23846	1.179	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	28729	1.123	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	1864	4.374	ug/l #	57
82) 4-Chlorotoluene	11.51	91	25576	1.092	ug/l	97
83) tert-Butylbenzene	11.77	119	27720	1.086	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	27351	1.064	ug/l	98
85) sec-Butylbenzene	11.94	105	33900	1.113	ug/l	98
86) p-Isopropyltoluene	12.06	119	29622	1.087	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	18673	1.225	ug/l	99
88) 1,4-Dichlorobenzene	12.02	146	18673	1.434	ug/l	100
89) n-Butylbenzene	12.39	91	24713	1.064	ug/l	97
90) Hexachloroethane	12.60	117	3103	3.580	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	17456	1.161	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1880	0.978	ug/l	96

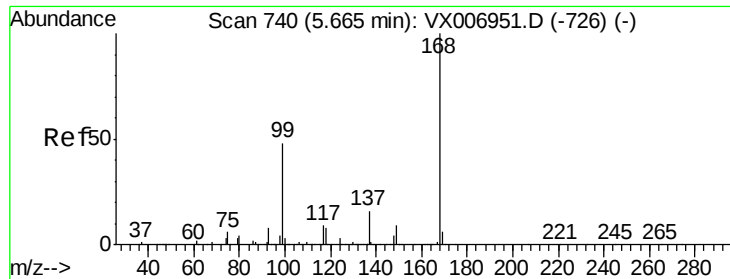
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010819\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Jan 12 00:59:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	11590	1.123	ug/l	95
94) Hexachlorobutadiene	13.79	225	5316	1.161	ug/l	95
95) Naphthalene	13.83	128	34682	1.109	ug/l	95
96) 1,2,3-Trichlorobenzene	14.02	180	11759	1.147	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

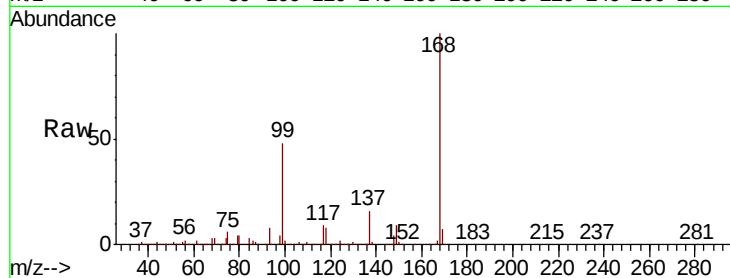
VSTDIC001

Tgt Ion:168 Resp: 664076

Ion Ratio Lower Upper

168 100

99 48.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

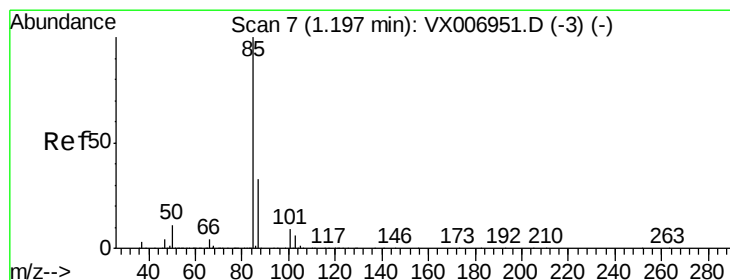
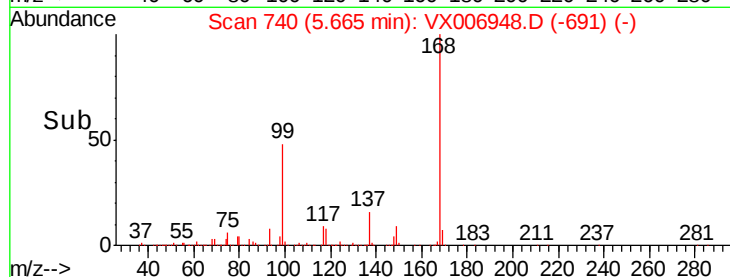
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.924 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006948.D

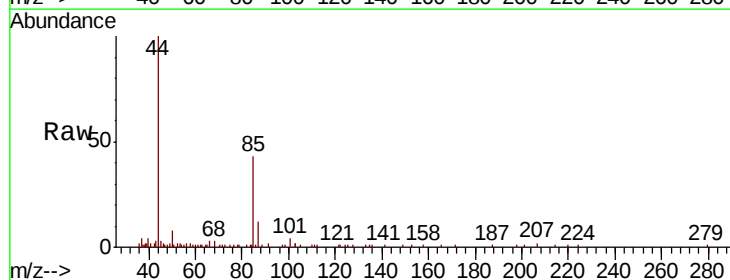
Acq: 08 Jan 2019 11:32

Tgt Ion: 85 Resp: 5037

Ion Ratio Lower Upper

85 100

87 28.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

4000

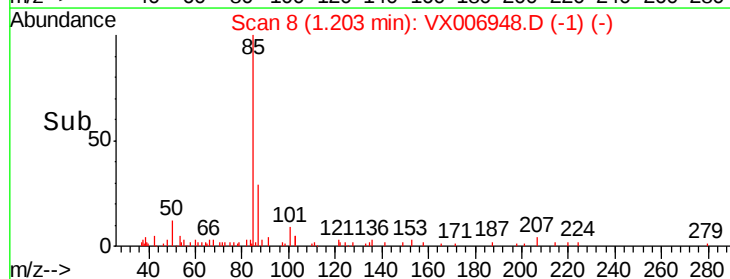
3000

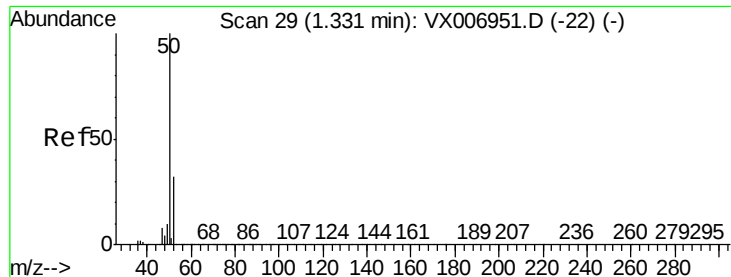
2000

1000

0

Time-->

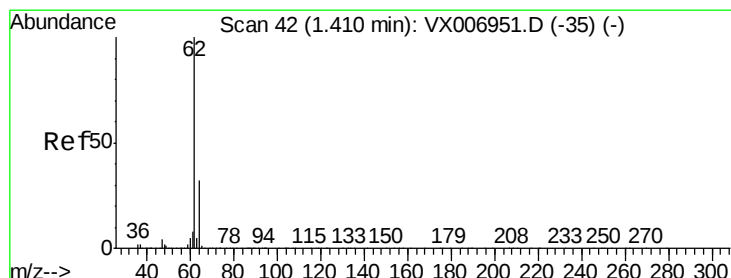
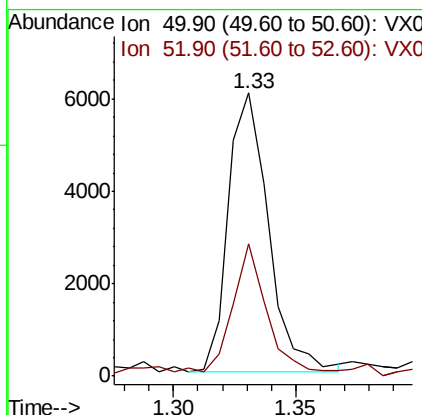
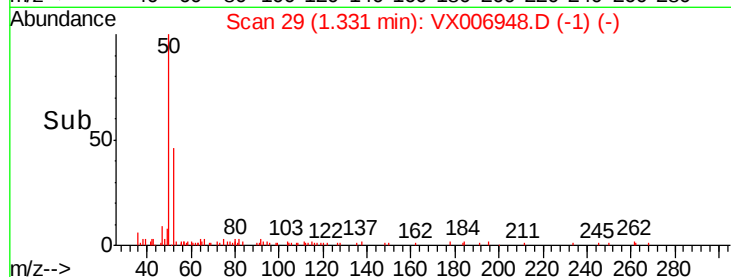
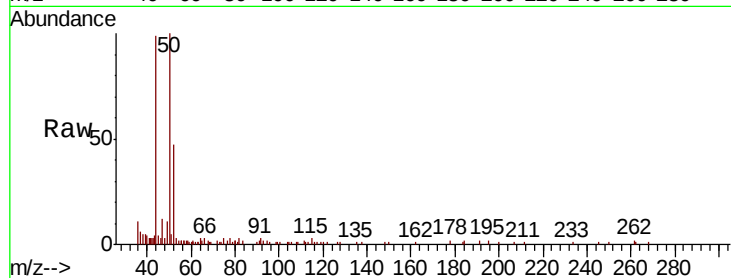




#3
Chloromethane
Concen: 1.080 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

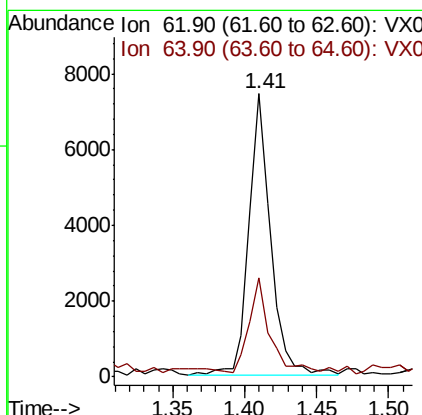
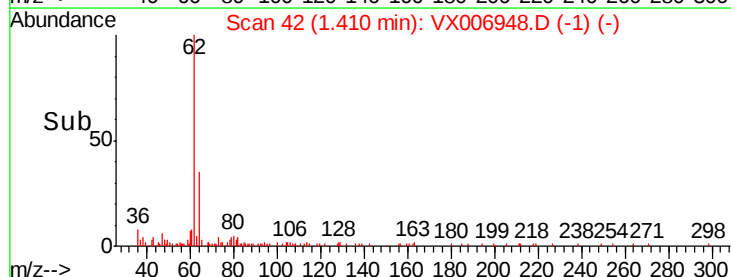
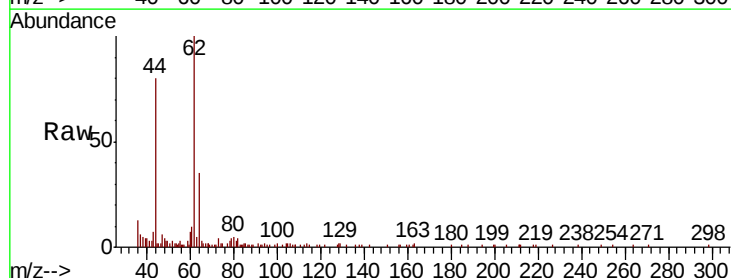
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

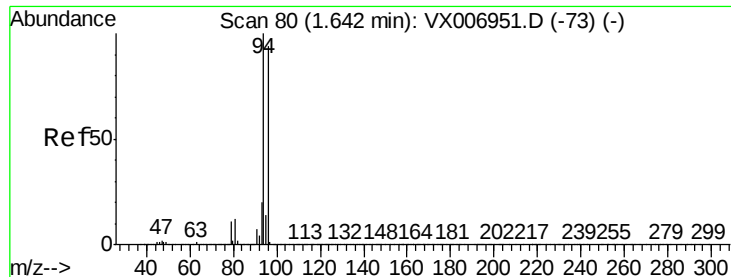
Tgt Ion: 50 Resp: 6854
Ion Ratio Lower Upper
50 100
52 46.4 25.4 38.2#



#4
Vinyl Chloride
Concen: 1.126 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Tgt Ion: 62 Resp: 7688
Ion Ratio Lower Upper
62 100
64 33.3 25.1 37.7





#5

Bromomethane

Concen: 1.136 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

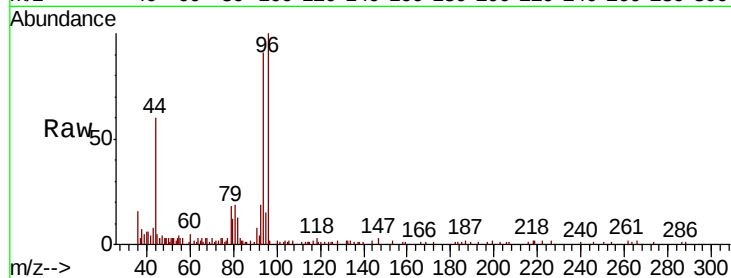
VSTDIC001

Tgt Ion: 94 Resp: 8289

Ion Ratio Lower Upper

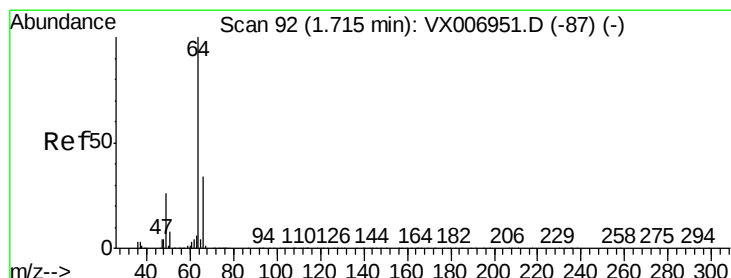
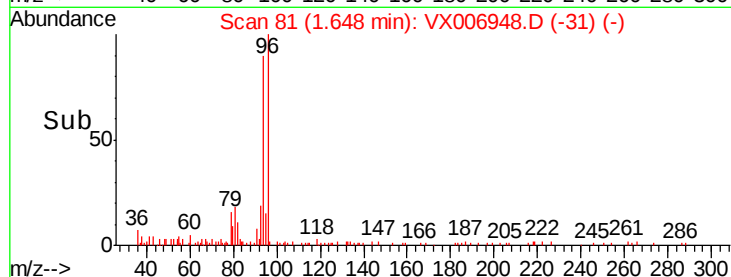
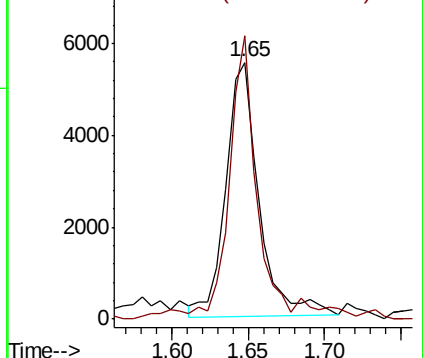
94 100

96 110.0 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.087 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX006948.D

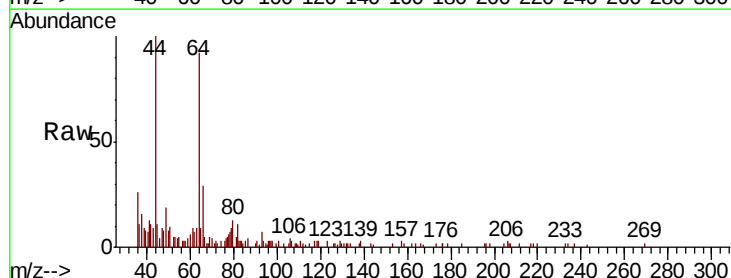
Acq: 08 Jan 2019 11:32

Tgt Ion: 64 Resp: 5185

Ion Ratio Lower Upper

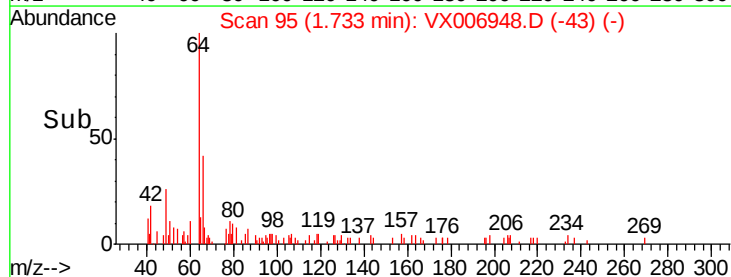
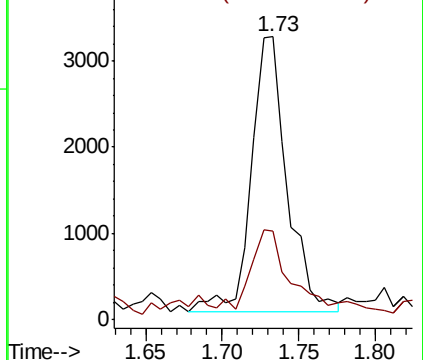
64 100

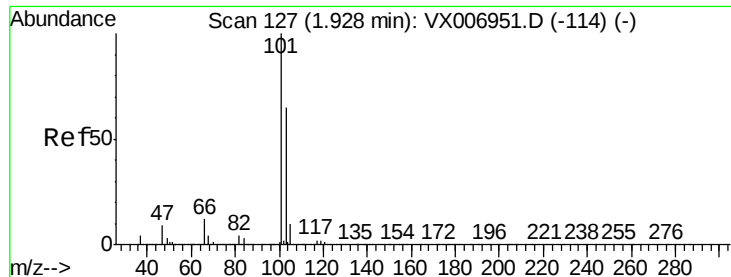
66 27.9 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.128 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

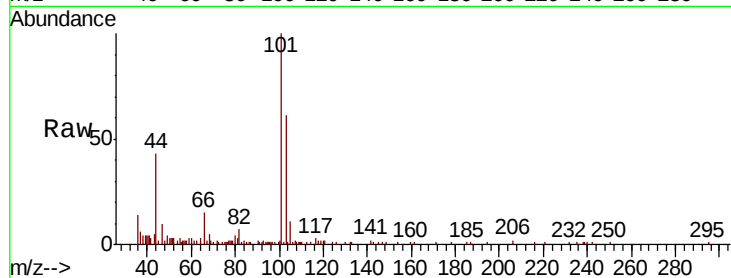
VSTDIC001

Tgt Ion: 101 Resp: 12451

Ion Ratio Lower Upper

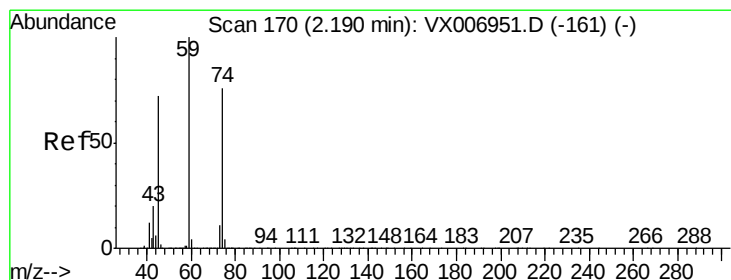
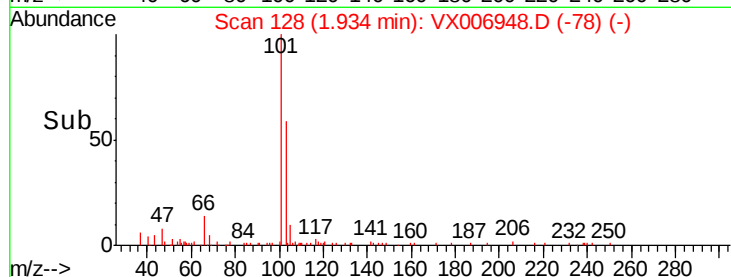
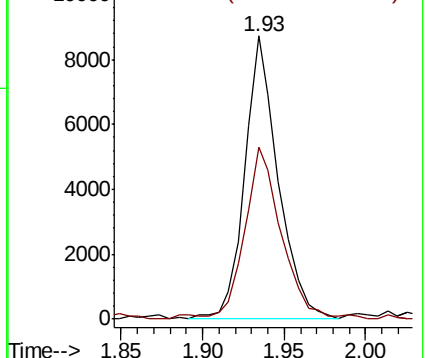
101 100

103 59.6 53.2 79.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.189 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX006948.D

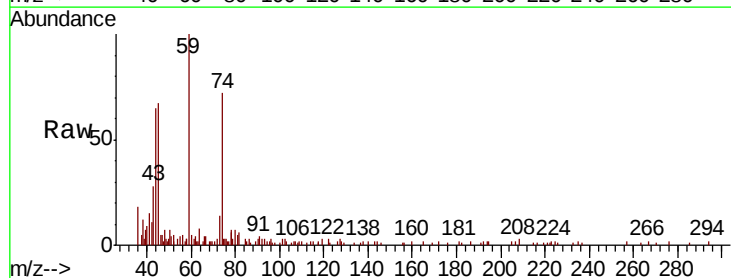
Acq: 08 Jan 2019 11:32

Tgt Ion: 74 Resp: 5221

Ion Ratio Lower Upper

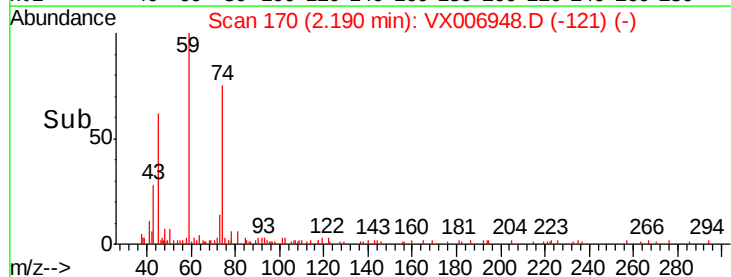
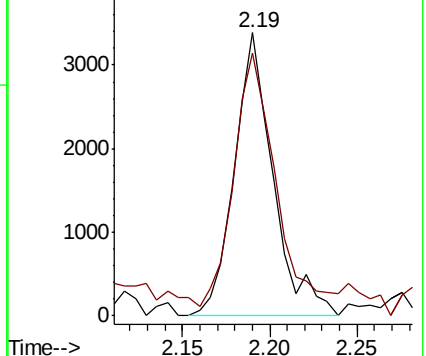
74 100

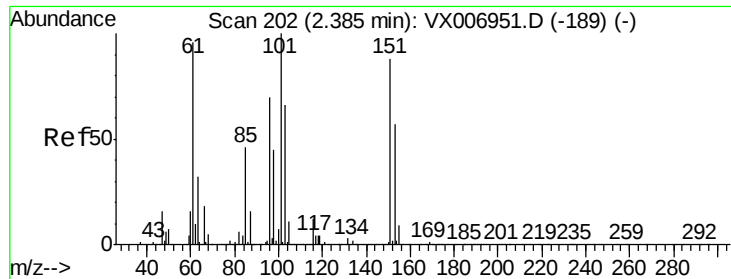
45 94.6 46.3 138.9



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: 1.193 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

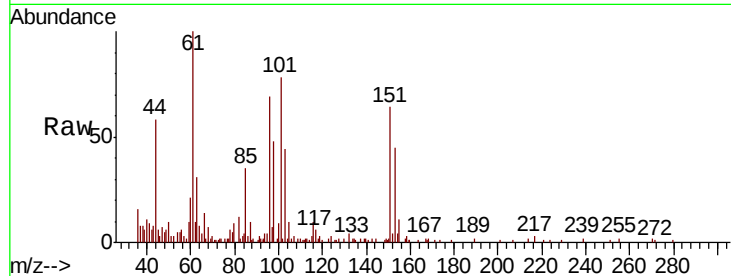
Tgt Ion:101 Resp: 7882

Ion Ratio Lower Upper

101 100

85 49.2 35.1 52.7

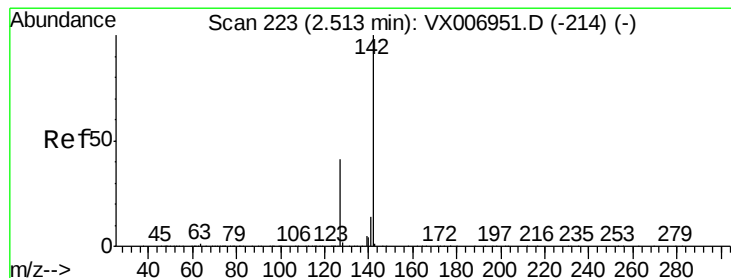
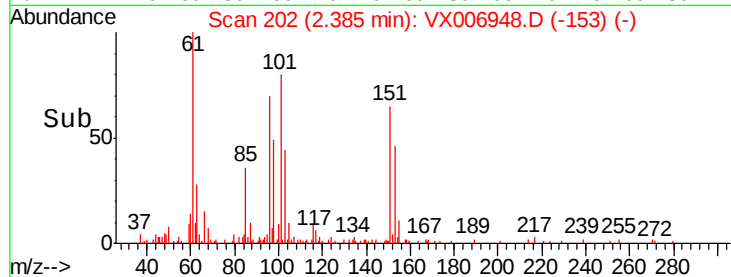
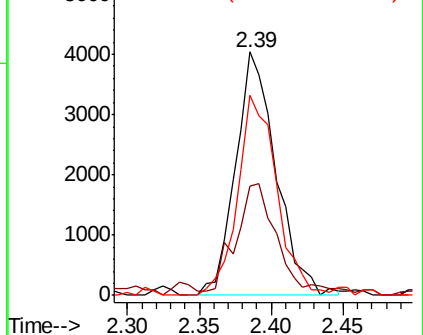
151 79.3 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.885 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

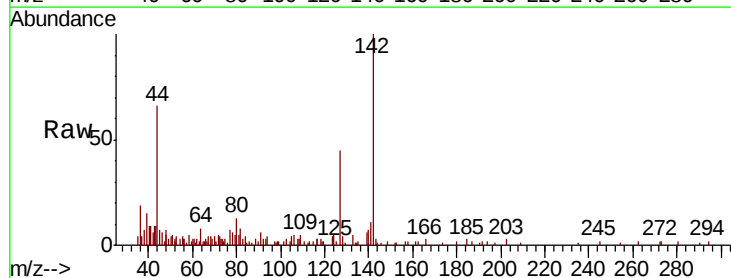
Tgt Ion:142 Resp: 7888

Ion Ratio Lower Upper

142 100

127 49.6 33.9 50.9

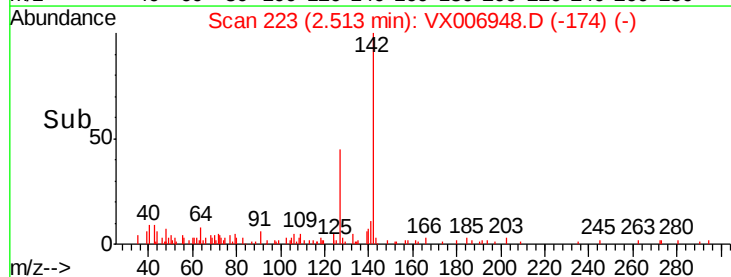
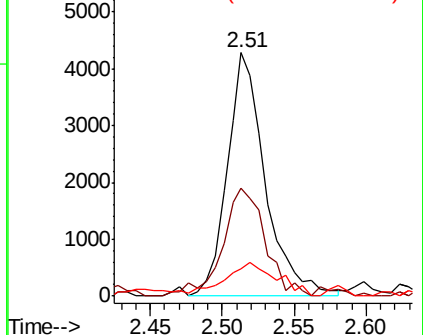
141 18.6 11.4 17.0#

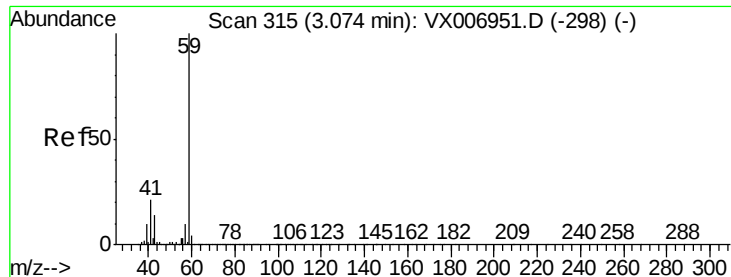


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



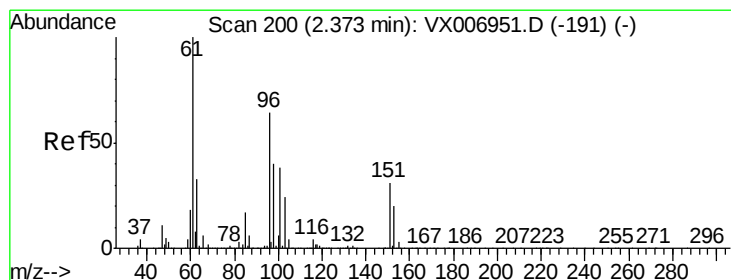
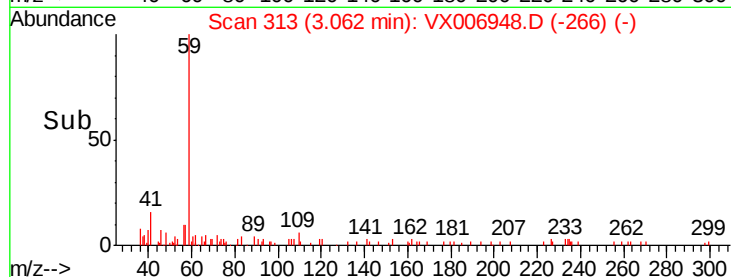
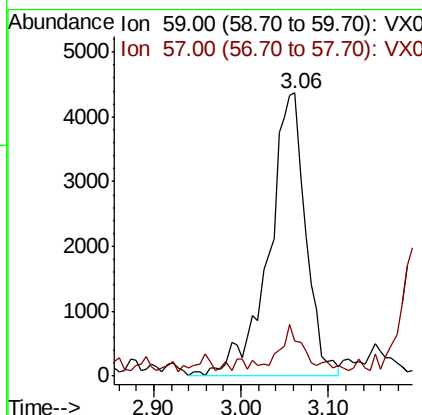
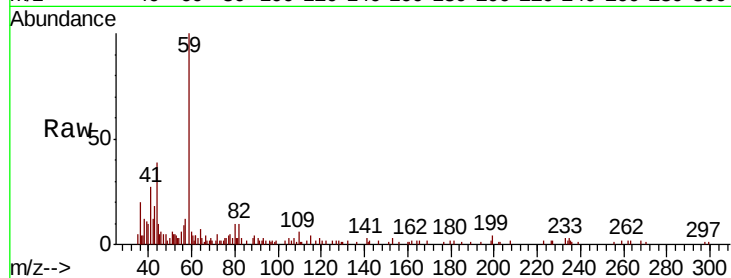


#11

Tert butyl alcohol
 Concen: 7.820 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX006948.D
 Acq: 08 Jan 2019 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

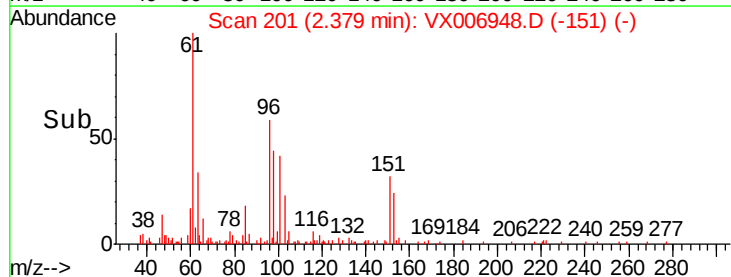
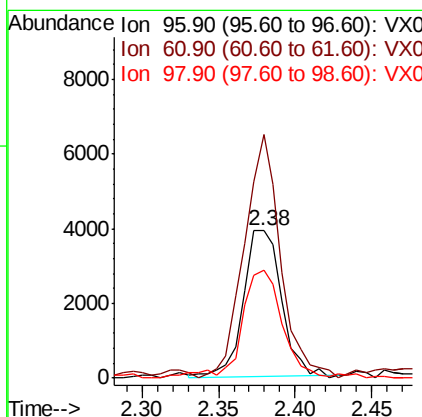
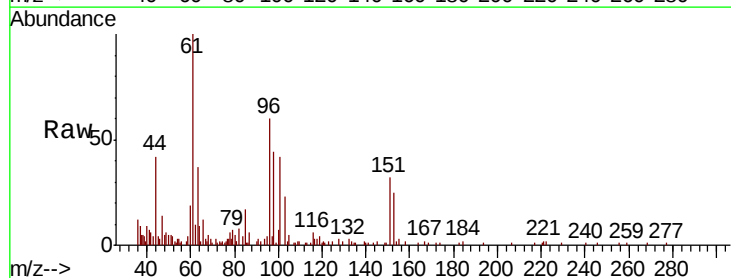
Tgt Ion: 59 Resp: 12802
 Ion Ratio Lower Upper
 59 100
 57 6.9 8.5 12.7#

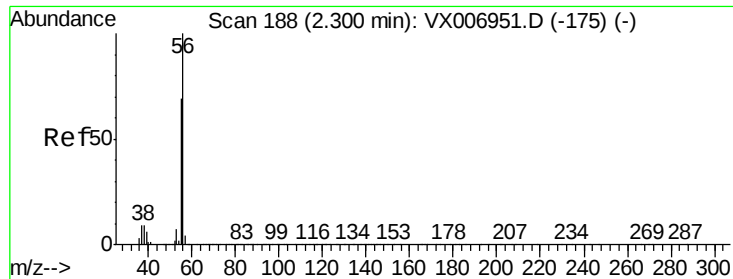


#12

1,1-Dichloroethene
 Concen: 1.110 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006948.D
 Acq: 08 Jan 2019 11:32

Tgt Ion: 96 Resp: 6774
 Ion Ratio Lower Upper
 96 100
 61 168.8 121.4 182.2
 98 71.4 51.9 77.9

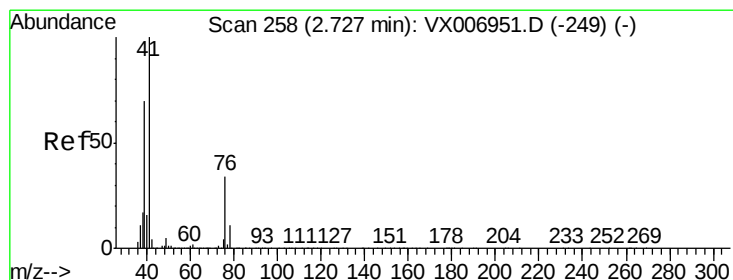
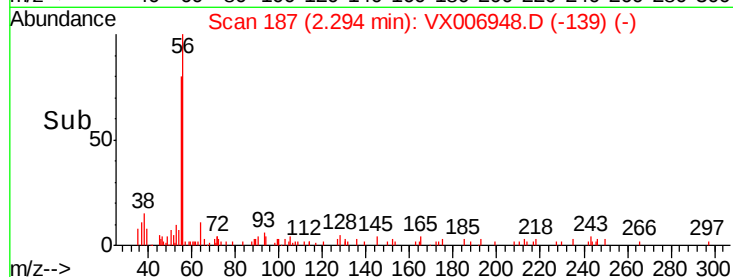
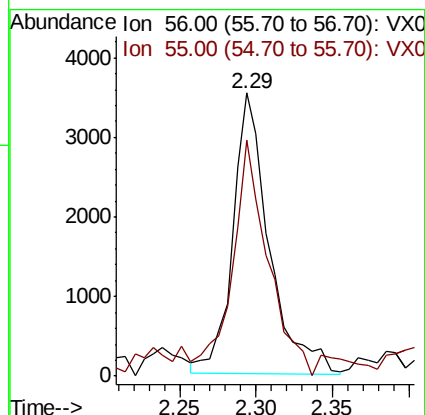
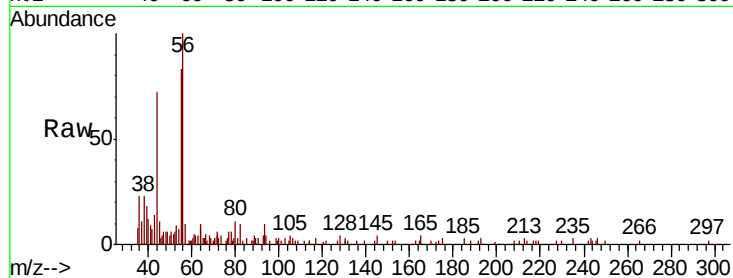




#13
Acrolein
Concen: 11.180 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

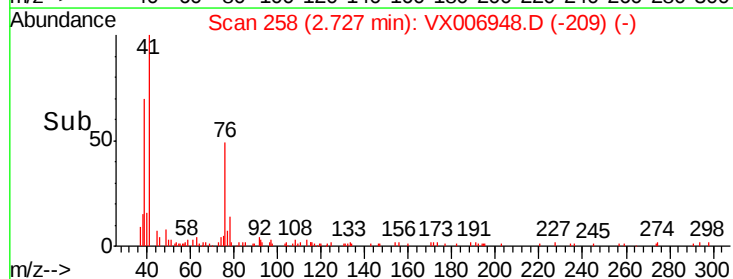
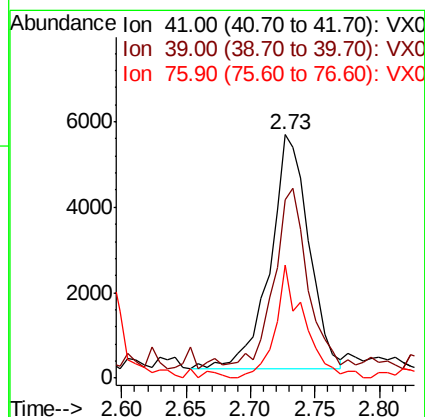
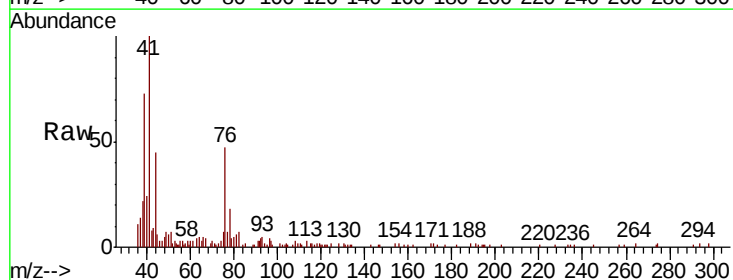
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

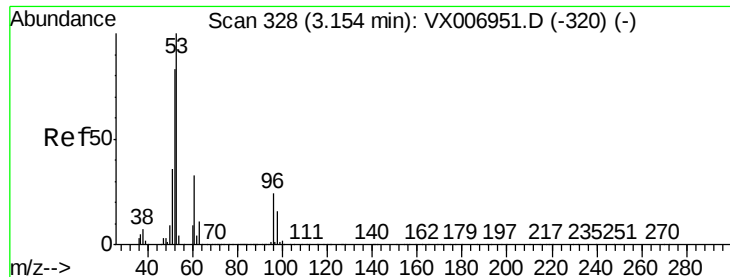
Tgt Ion: 56 Resp: 5788
Ion Ratio Lower Upper
56 100
55 82.9 58.2 87.4



#14
Allyl chloride
Concen: 1.089 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Tgt Ion: 41 Resp: 11394
Ion Ratio Lower Upper
41 100
39 64.8 53.6 80.4
76 36.6 27.4 41.2





#15

Acrylonitrile

Concen: 5.657 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

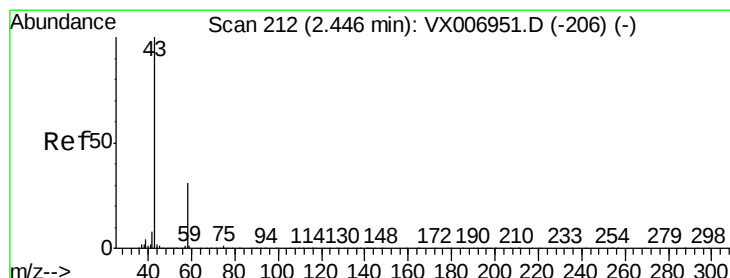
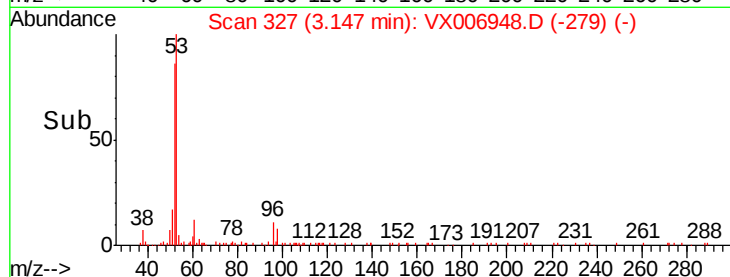
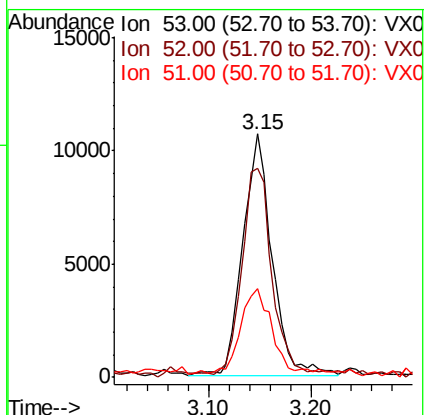
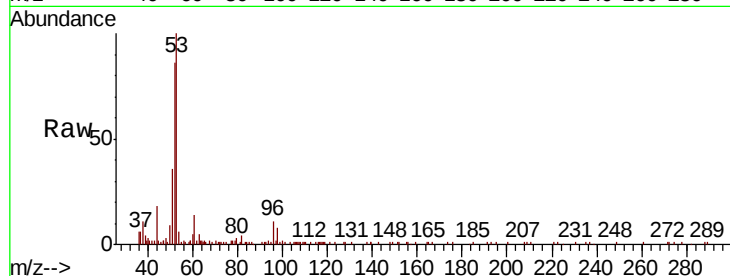
Tgt Ion: 53 Resp: 21262

Ion Ratio Lower Upper

53 100

52 86.0 66.0 99.0

51 36.9 28.6 42.8



#16

Acetone

Concen: 6.243 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006948.D

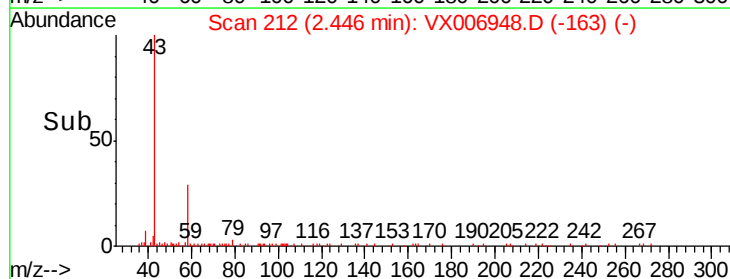
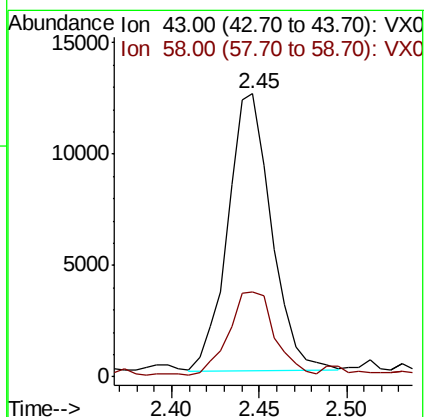
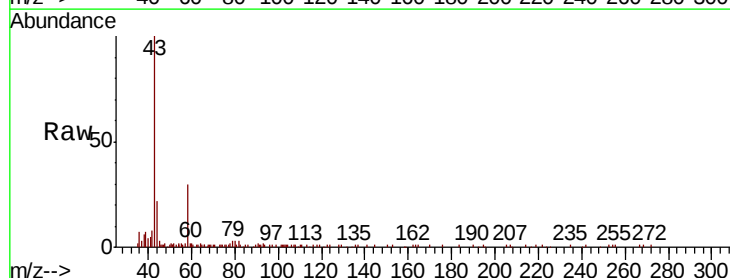
Acq: 08 Jan 2019 11:32

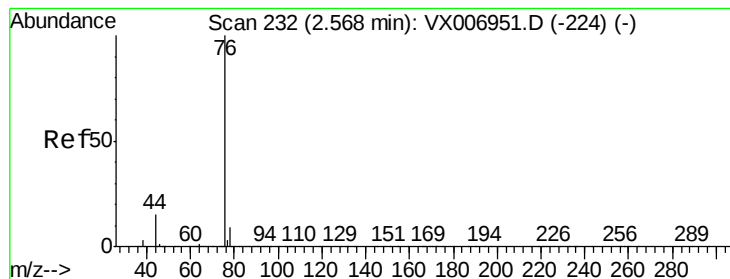
Tgt Ion: 43 Resp: 21420

Ion Ratio Lower Upper

43 100

58 30.2 25.0 37.6





#17

Carbon Disulfide

Concen: 1.185 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

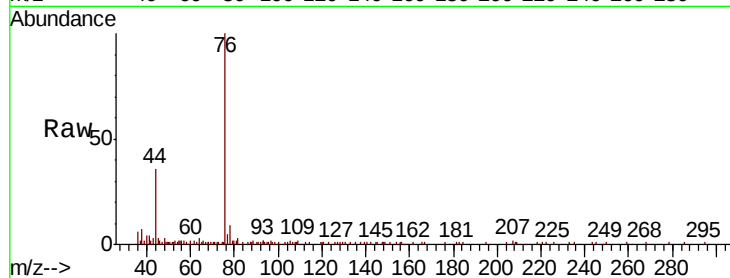
VSTDIC001

Tgt Ion: 76 Resp: 18624

Ion Ratio Lower Upper

76 100

78 7.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

12000

10000

8000

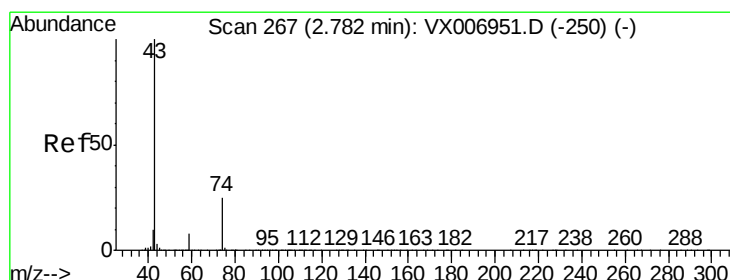
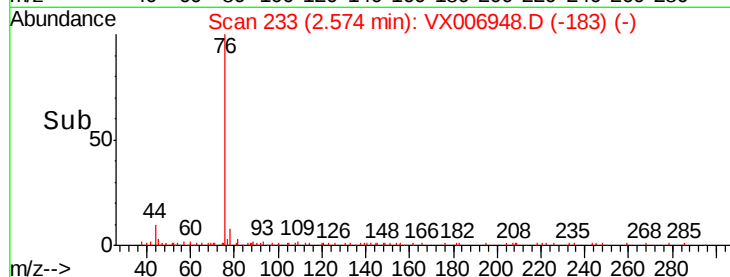
6000

4000

2000

0

Time-->



#18

Methyl Acetate

Concen: 1.195 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006948.D

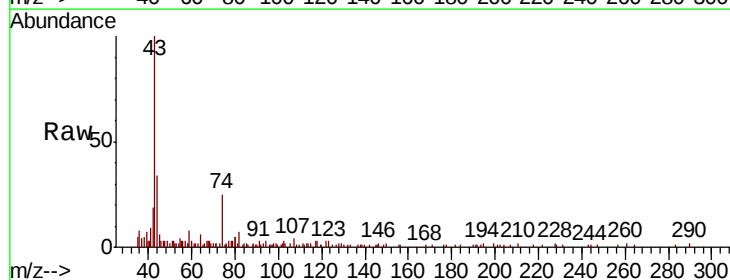
Acq: 08 Jan 2019 11:32

Tgt Ion: 43 Resp: 11870

Ion Ratio Lower Upper

43 100

74 32.9 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

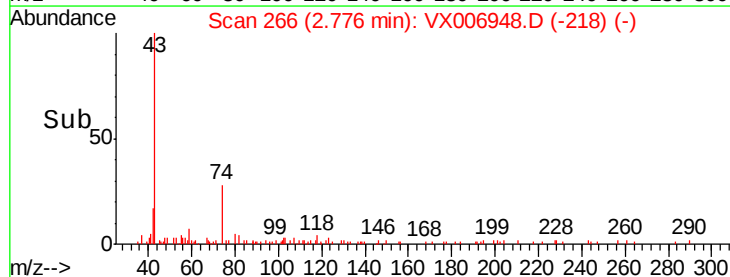
6000

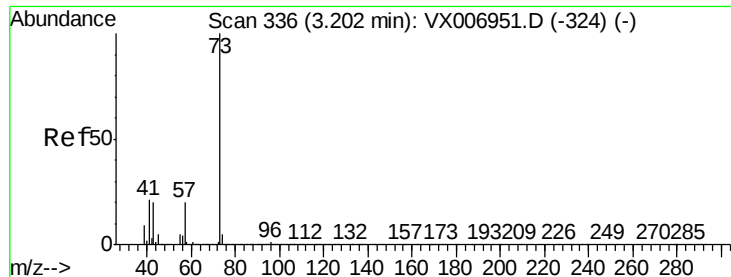
4000

2000

0

Time-->

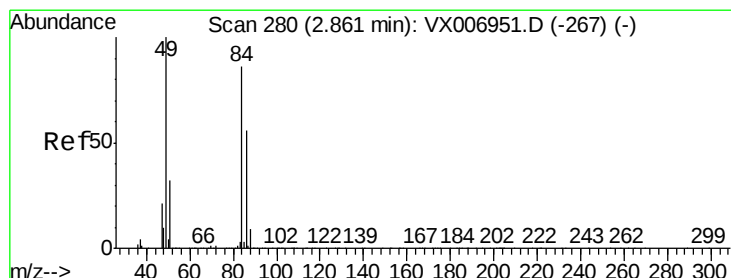
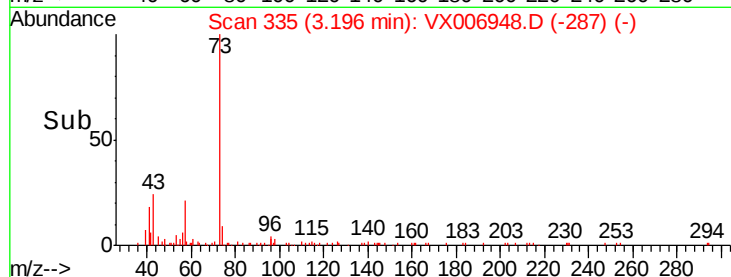
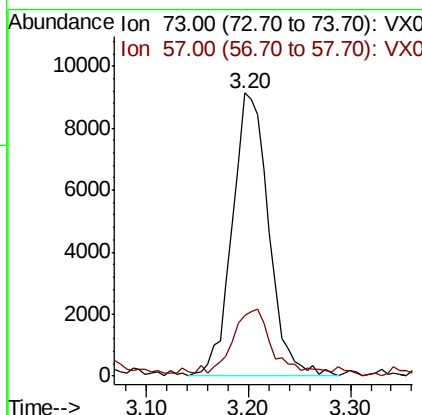
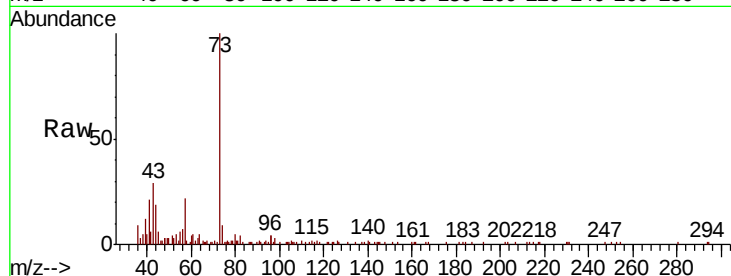




#19
Methyl tert-butyl Ether
Concen: 1.070 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

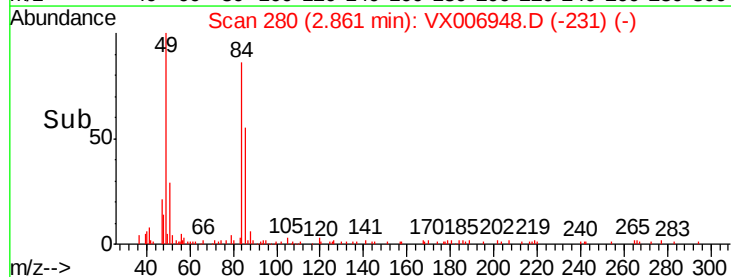
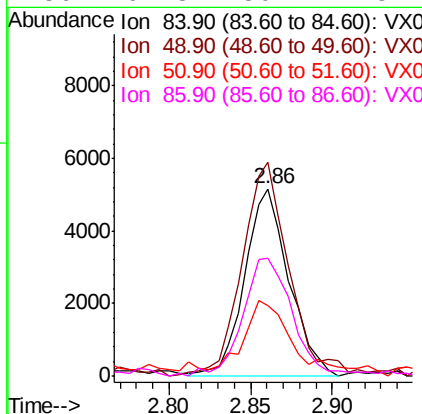
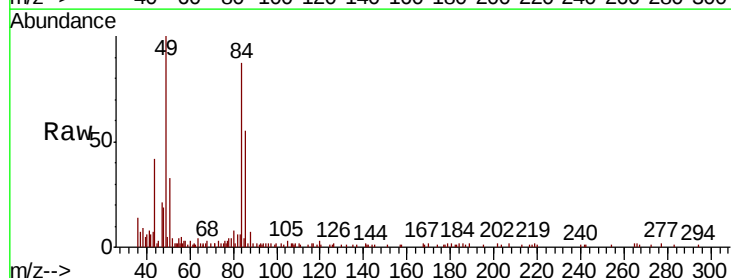
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

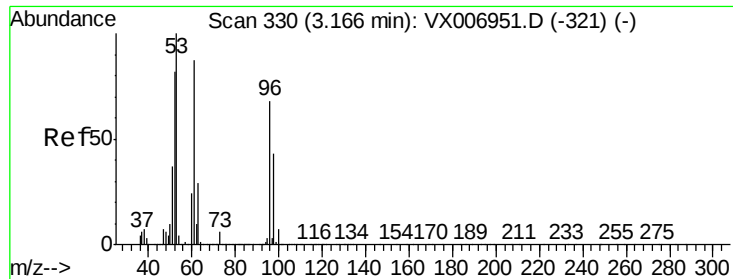
Tgt Ion: 73 Resp: 22657
Ion Ratio Lower Upper
73 100
57 20.2 16.8 25.2



#20
Methylene Chloride
Concen: 0.932 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Tgt Ion: 84 Resp: 9707
Ion Ratio Lower Upper
84 100
49 112.3 91.8 137.6
51 32.7 28.5 42.7
86 62.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 1.258 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

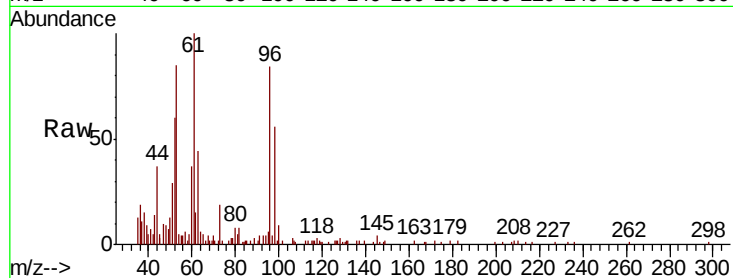
Tgt Ion: 96 Resp: 8559

Ion Ratio Lower Upper

96 100

61 117.5 103.7 155.5

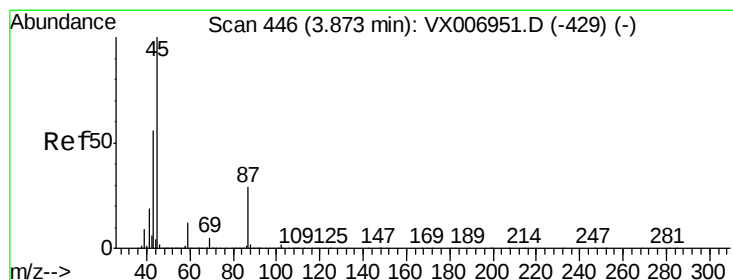
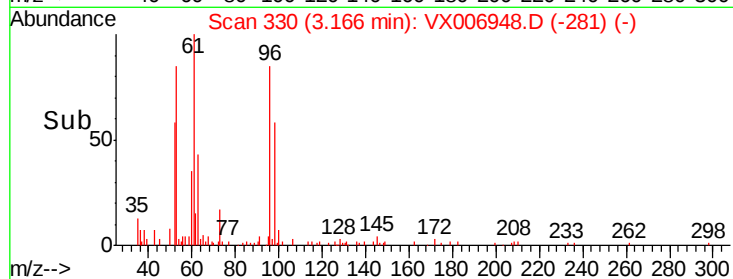
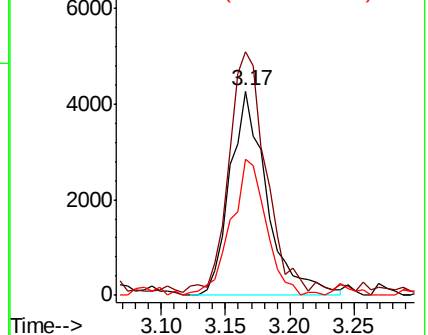
98 67.0 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 1.097 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Tgt Ion: 45 Resp: 21578

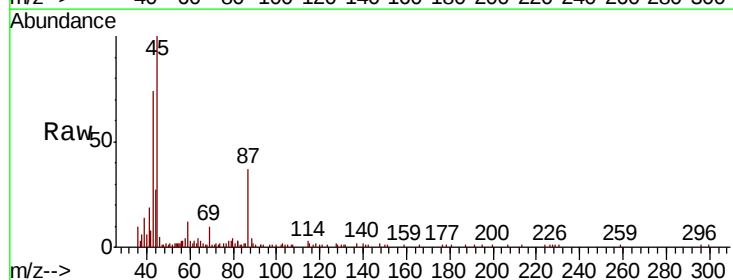
Ion Ratio Lower Upper

45 100

43 70.2 51.2 76.8

87 37.9 25.8 38.6

59 11.8 9.0 13.4

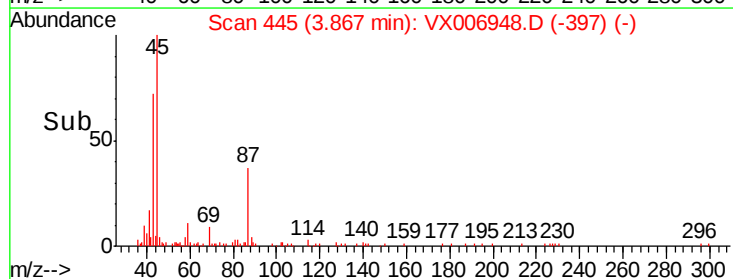
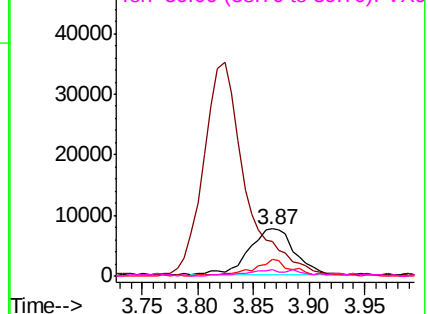


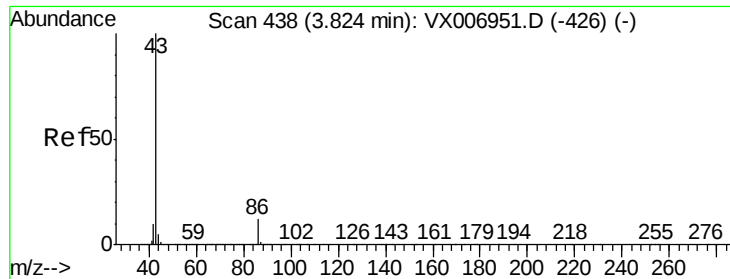
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 5.458 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

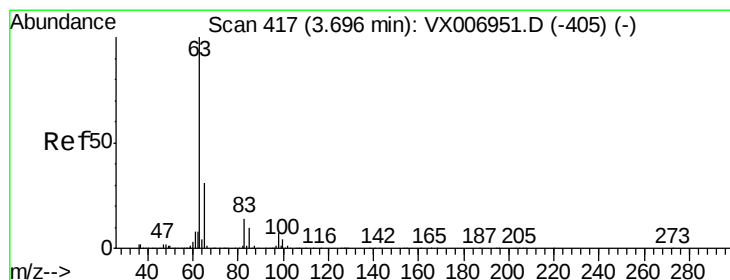
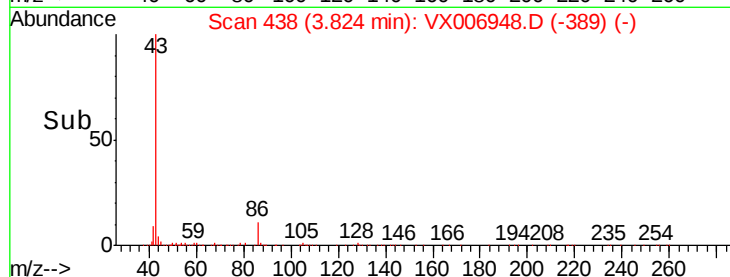
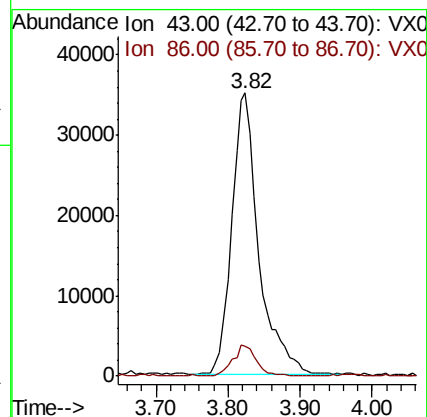
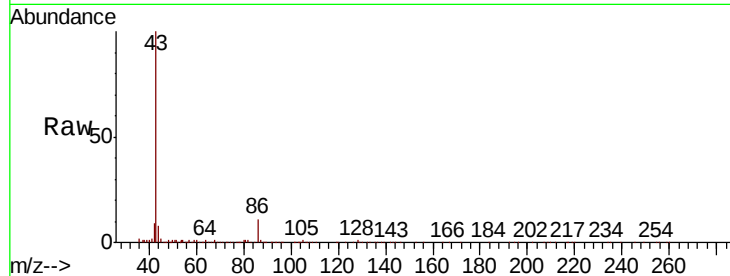
VSTDIC001

Tgt Ion: 43 Resp: 90511

Ion Ratio Lower Upper

43 100

86 10.2 9.2 13.8



#24

1,1-Dichloroethane

Concen: 1.080 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

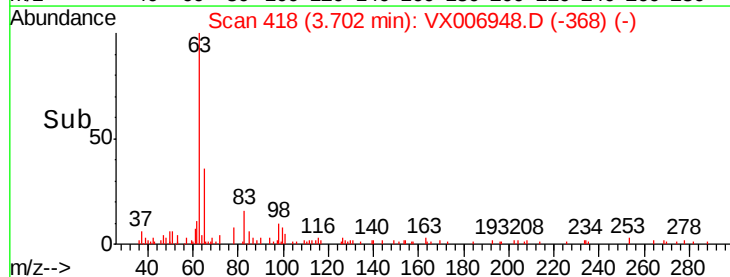
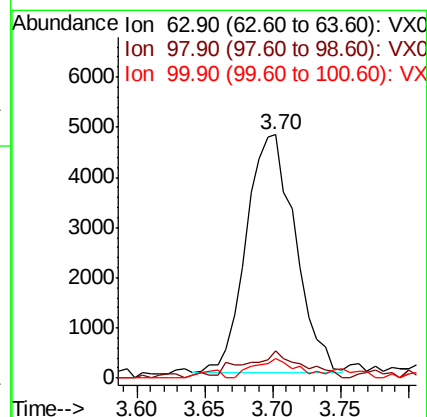
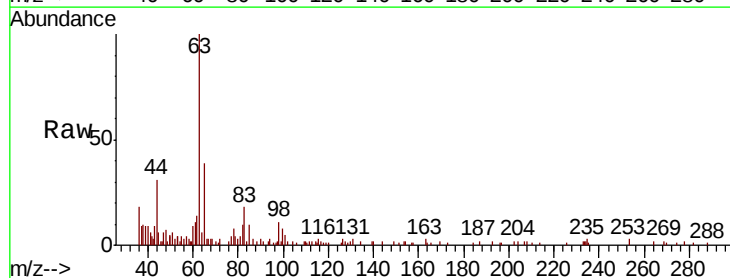
Tgt Ion: 63 Resp: 11874

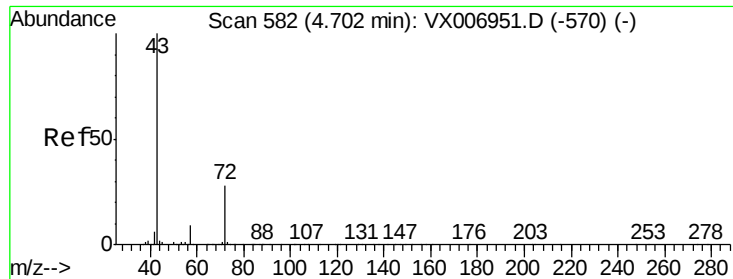
Ion Ratio Lower Upper

63 100

98 11.5 3.9 11.5

100 12.1 2.4 7.2#

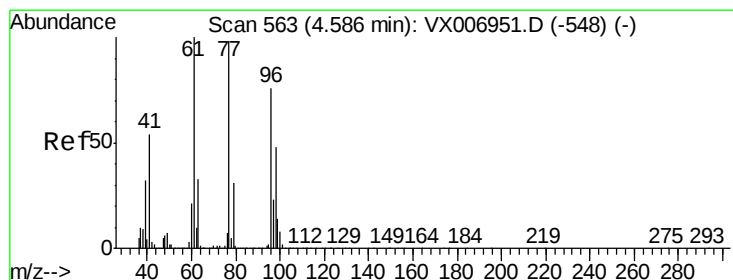
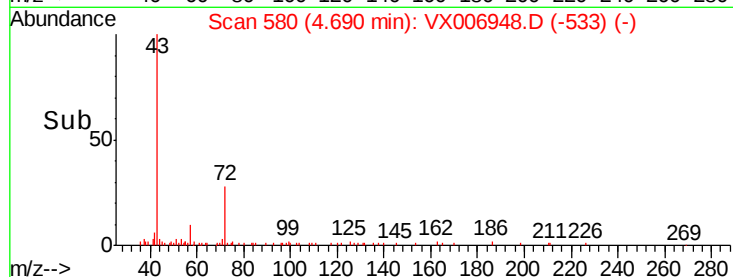
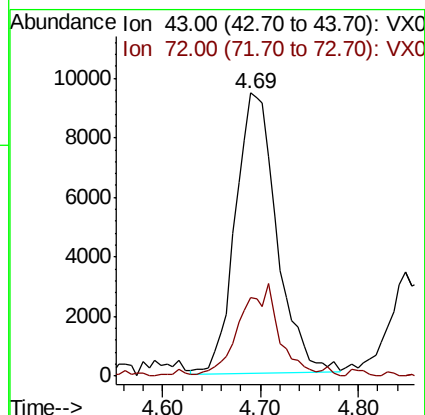
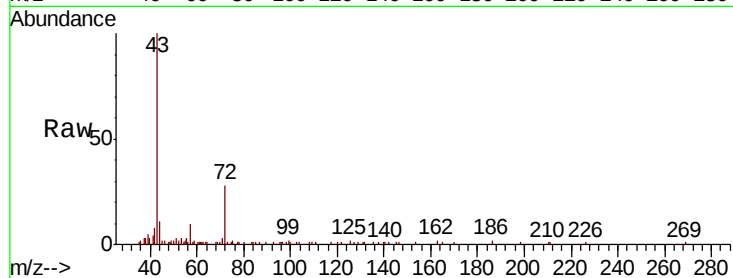




#25
2-Butanone
Concen: 5.653 ug/l
RT: 4.69 min Scan# 580
Delta R.T. -0.01 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

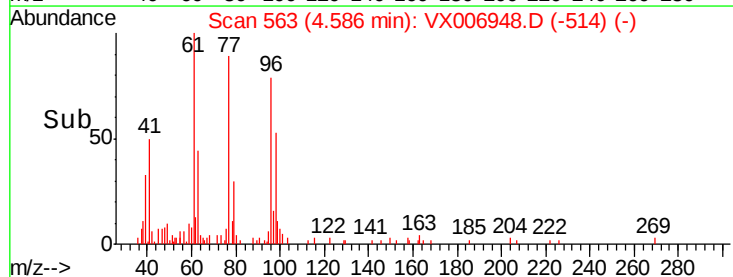
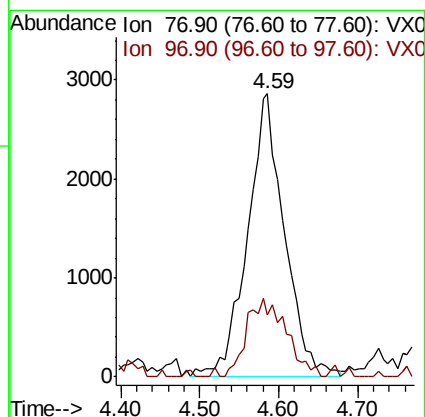
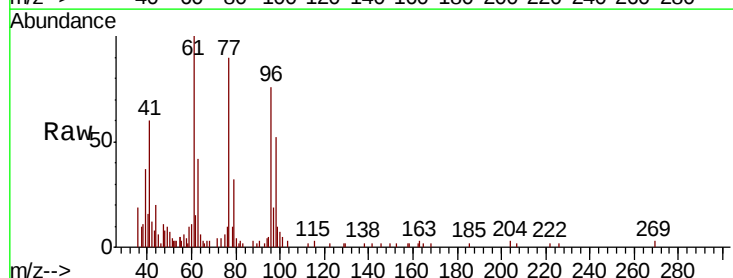
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

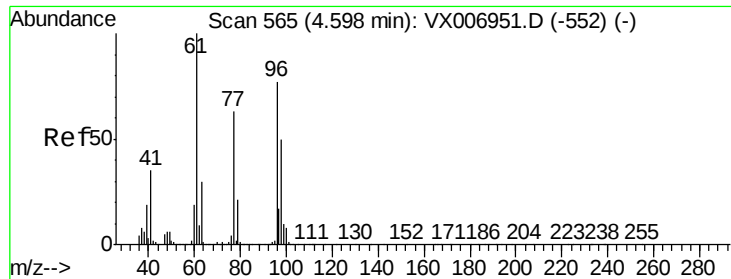
Tgt Ion: 43 Resp: 27751
Ion Ratio Lower Upper
43 100
72 28.2 22.4 33.6



#26
2,2-Dichloropropane
Concen: 1.105 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Tgt Ion: 77 Resp: 9340
Ion Ratio Lower Upper
77 100
97 29.4 12.4 37.4



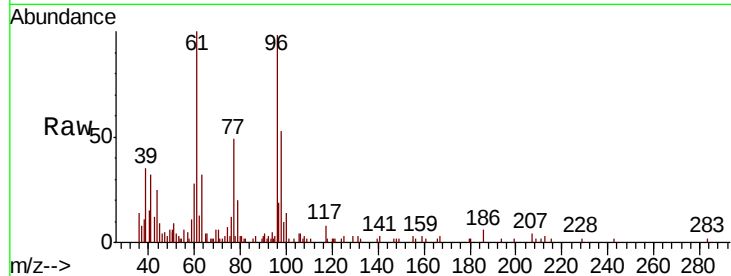


#27

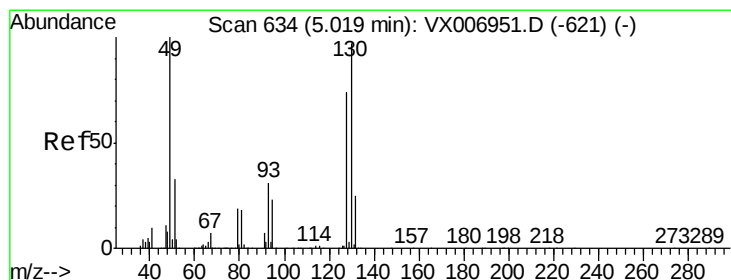
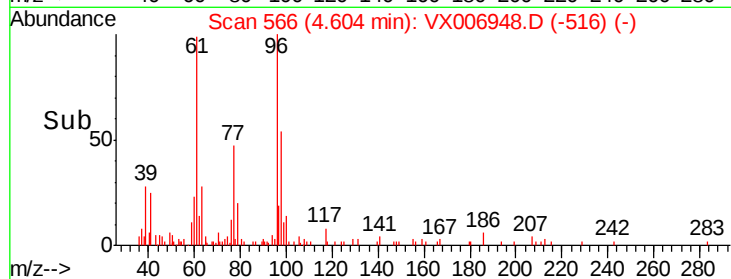
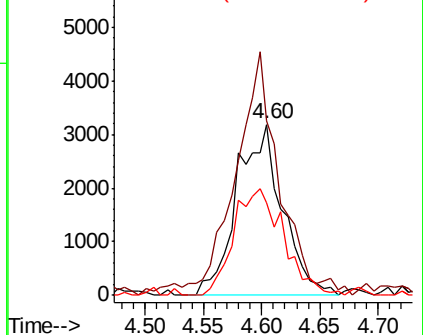
cis-1,2-Dichloroethene
 Concen: 1.166 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX006948.D
 Acq: 08 Jan 2019 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 8745
 Ion Ratio Lower Upper
 96 100
 61 135.7 0.0 258.6
 98 67.8 0.0 132.0



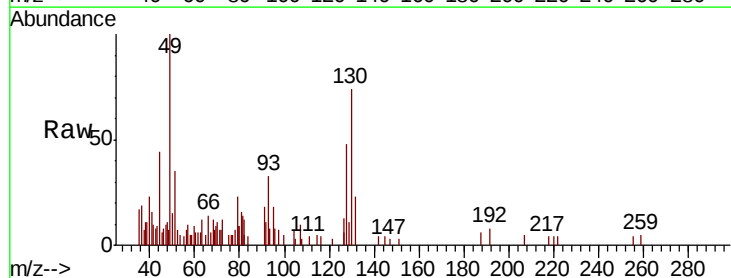
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



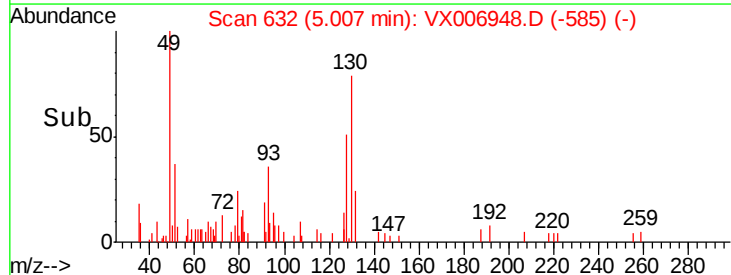
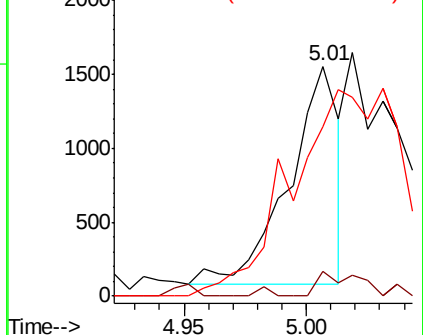
#28

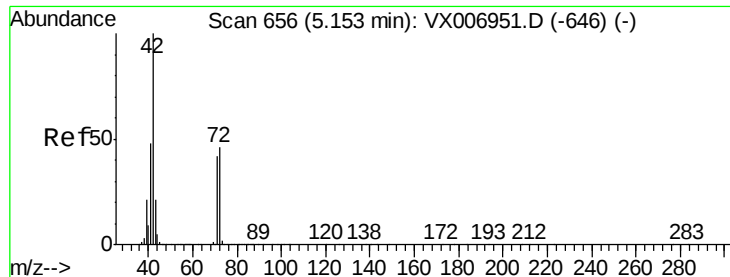
Bromochloromethane
 Concen: 0.435 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX006948.D
 Acq: 08 Jan 2019 11:32

Tgt Ion: 49 Resp: 2095
 Ion Ratio Lower Upper
 49 100
 129 11.1 0.0 5.4#
 130 0.0 77.7 116.5#



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





#29

Tetrahydrofuran

Concen: 5.754 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

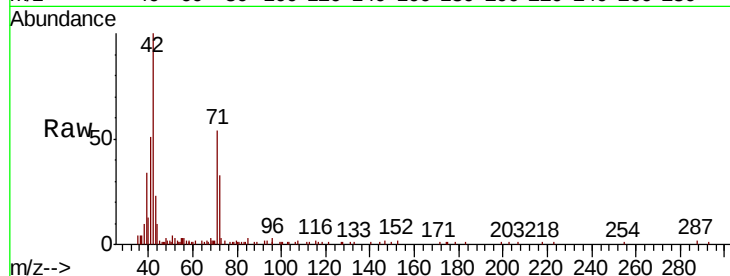
Tgt Ion: 42 Resp: 18358

Ion Ratio Lower Upper

42 100

72 46.6 38.9 58.3

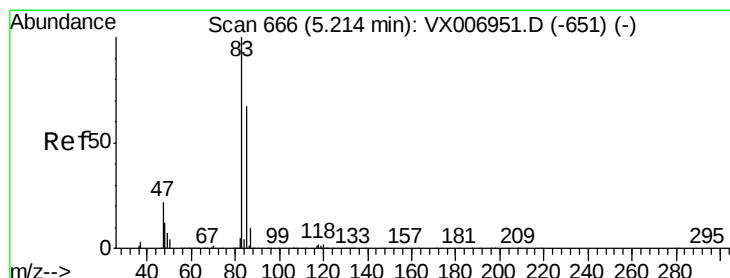
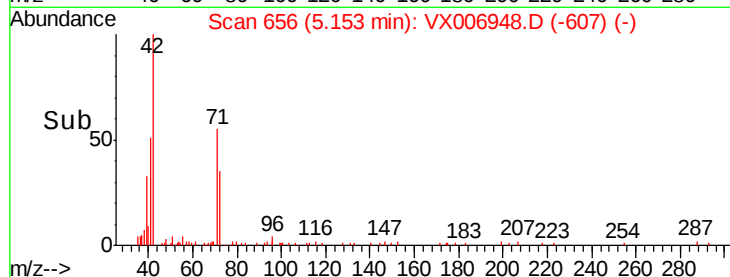
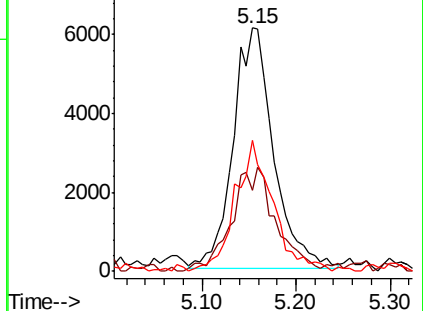
71 50.5 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 1.103 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX006948.D

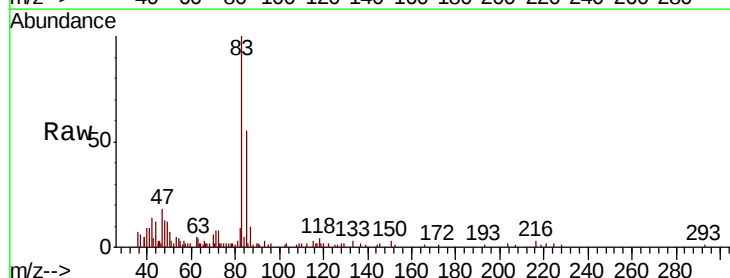
Acq: 08 Jan 2019 11:32

Tgt Ion: 83 Resp: 12699

Ion Ratio Lower Upper

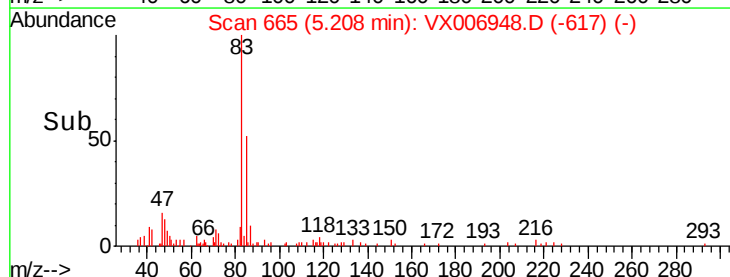
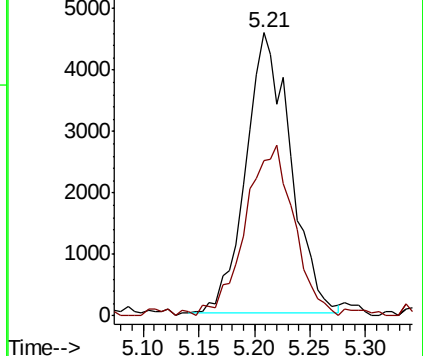
83 100

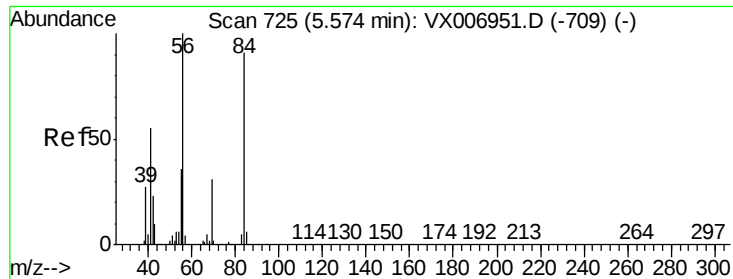
85 55.6 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

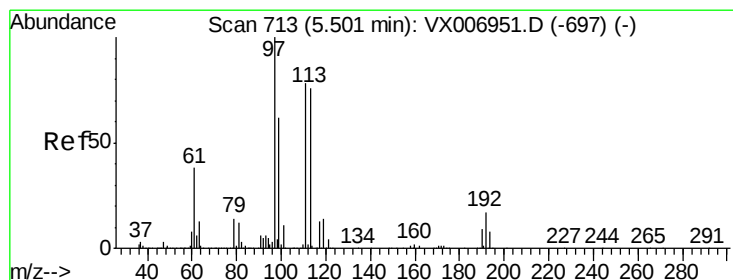
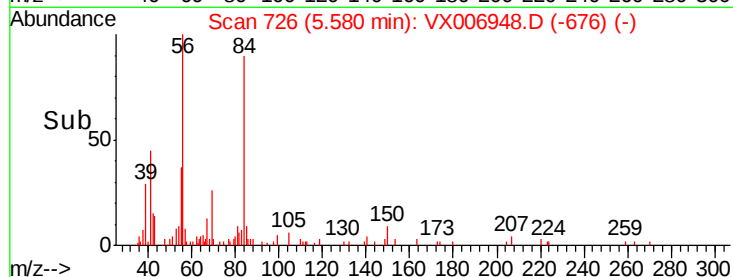
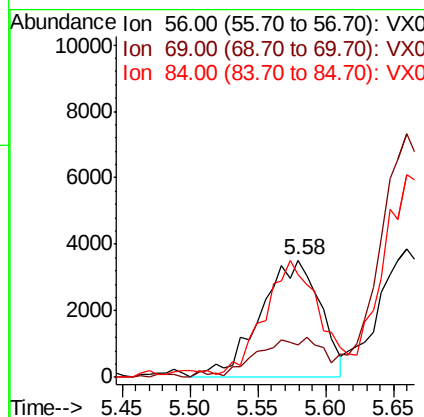
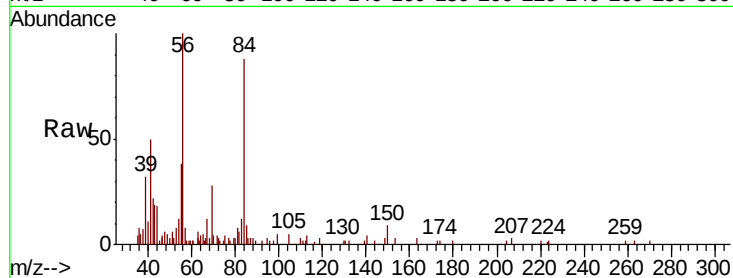




#31
Cyclohexane
Concen: 1.113 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

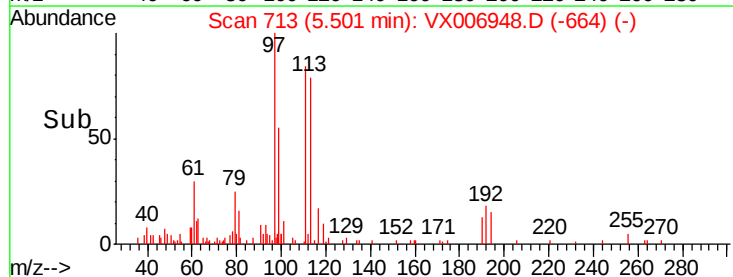
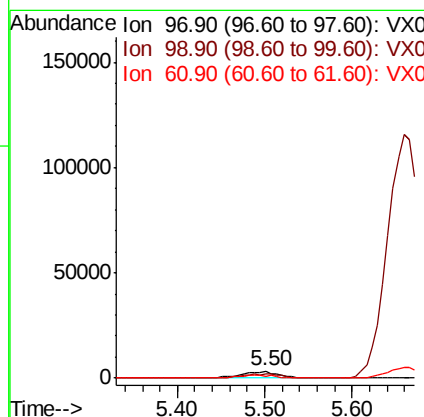
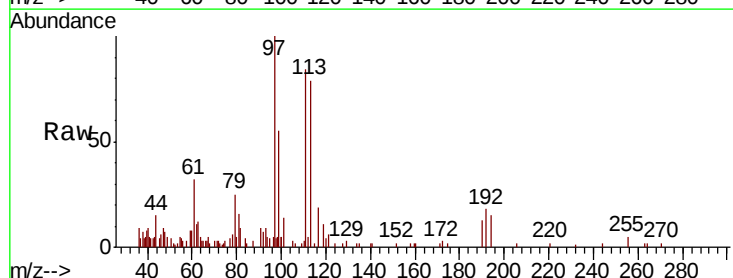
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

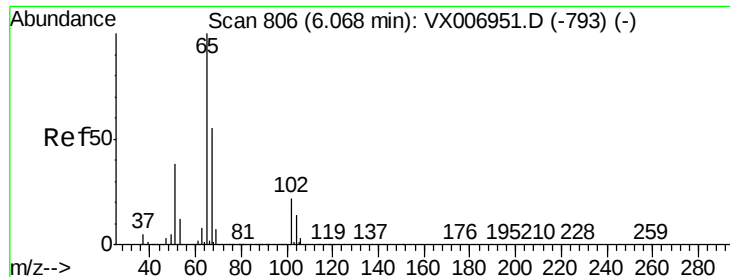
Tgt Ion: 56 Resp: 10894
Ion Ratio Lower Upper
56 100
69 27.8 24.4 36.6
84 82.0 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 1.029 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Tgt Ion: 97 Resp: 10040
Ion Ratio Lower Upper
97 100
99 0.0 51.7 77.5#
61 41.1 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 1.359 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

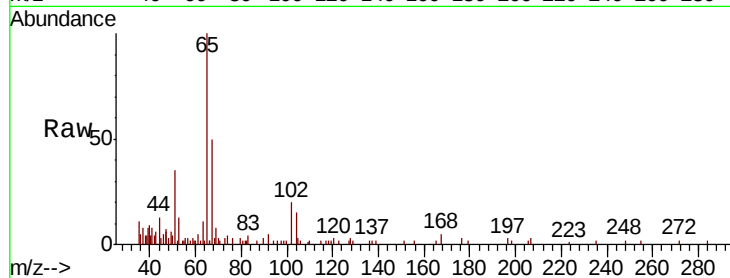
VSTDIC001

Tgt Ion: 65 Resp: 9432

Ion Ratio Lower Upper

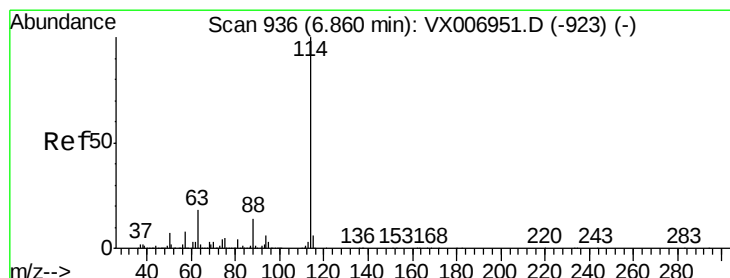
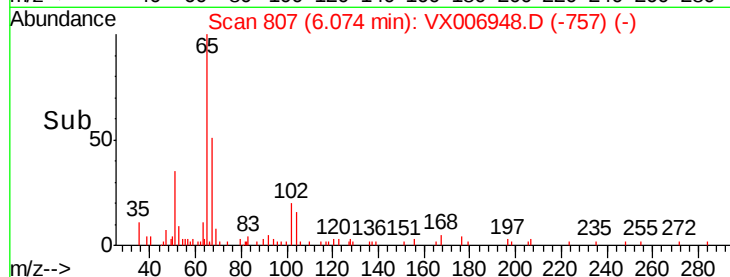
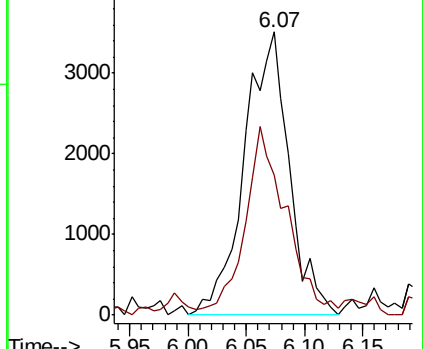
65 100

67 55.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

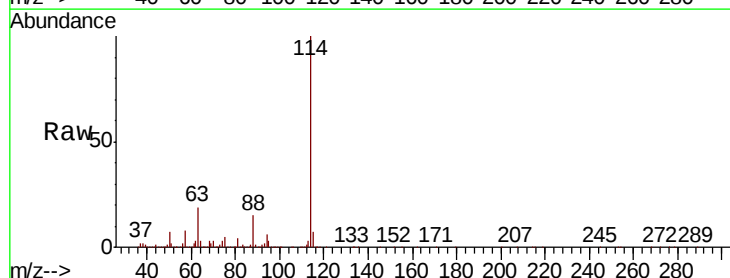
Tgt Ion: 114 Resp: 964887

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

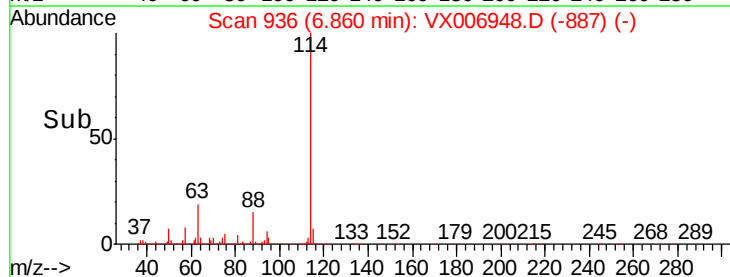
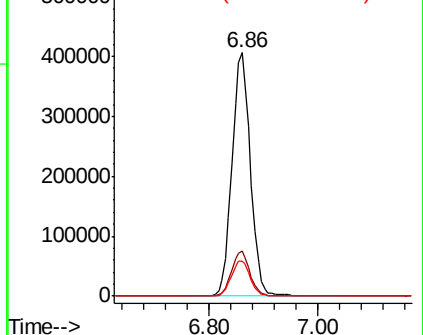
88 14.6 0.0 28.8

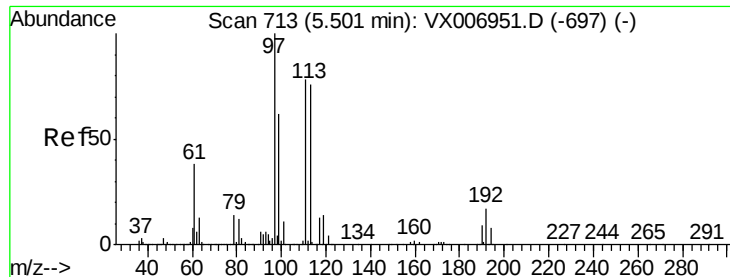


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1.308 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

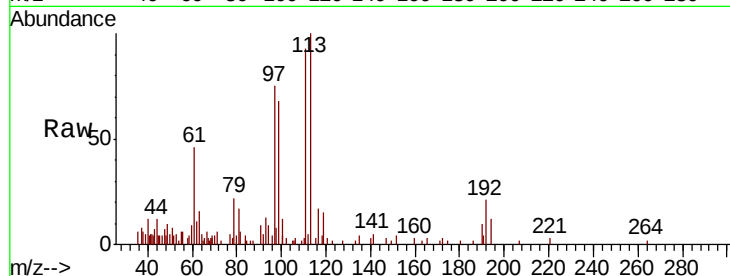
Tgt Ion:113 Resp: 8082

Ion Ratio Lower Upper

113 100

111 98.8 81.6 122.4

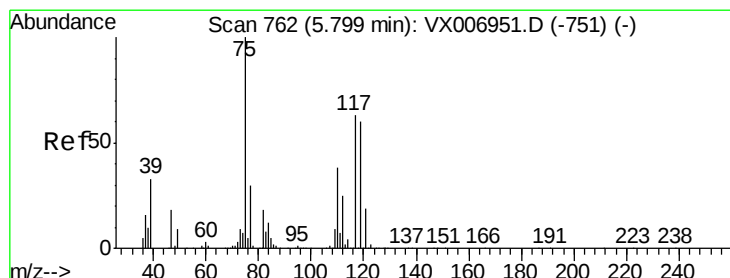
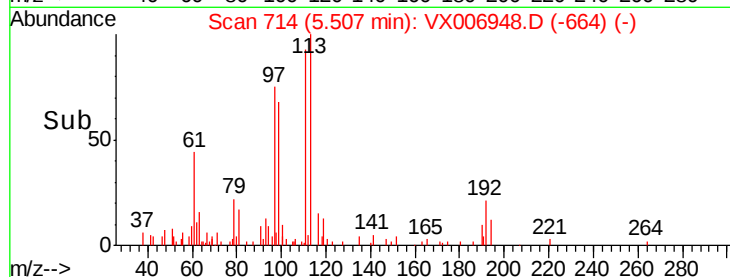
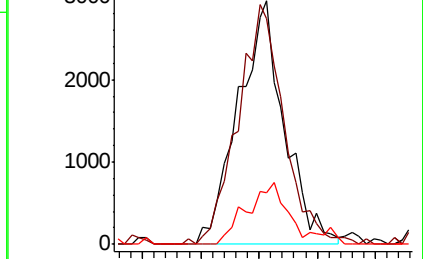
192 23.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.104 ug/l

RT: 5.81 min Scan# 764

Delta R.T. 0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

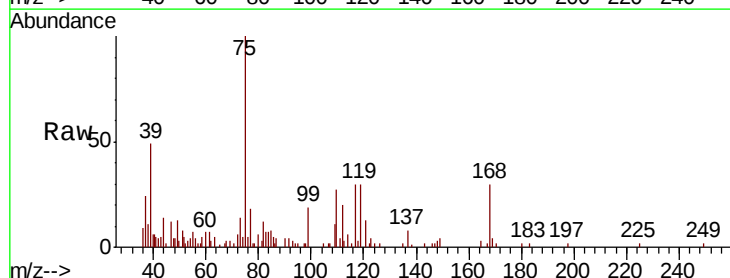
Tgt Ion: 75 Resp: 9265

Ion Ratio Lower Upper

75 100

110 42.5 20.2 60.5

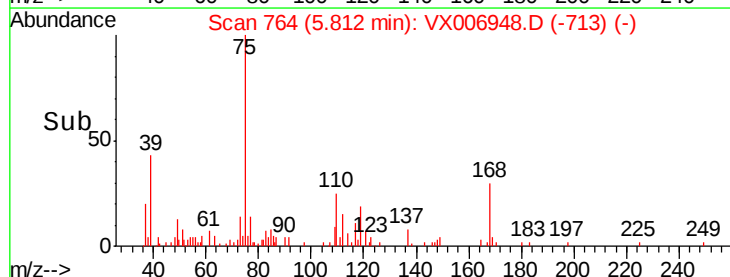
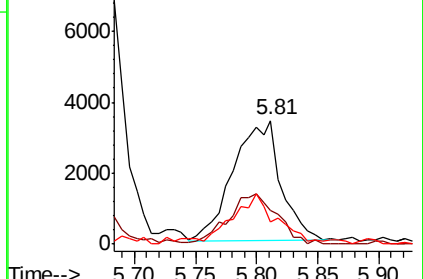
77 41.0 24.8 37.2#

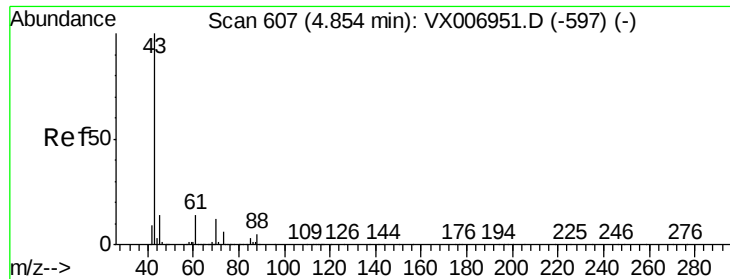


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

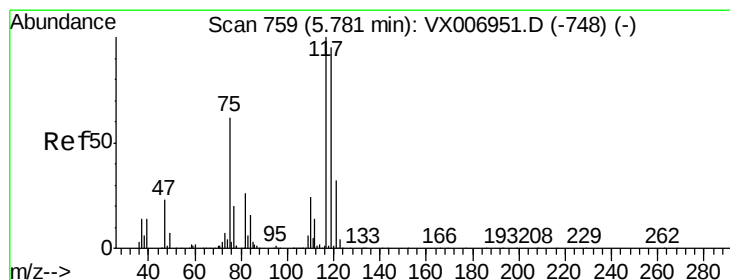
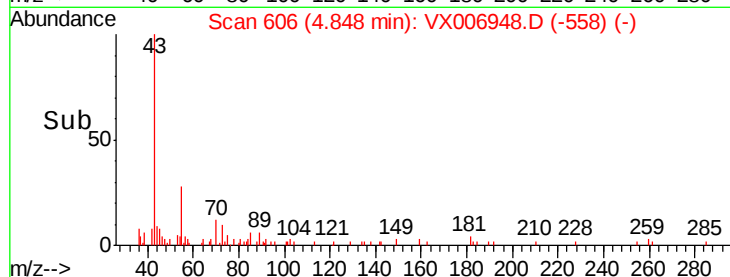
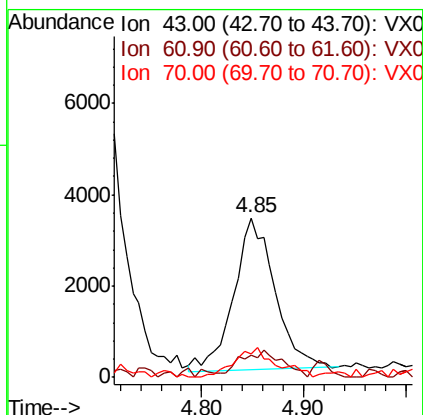
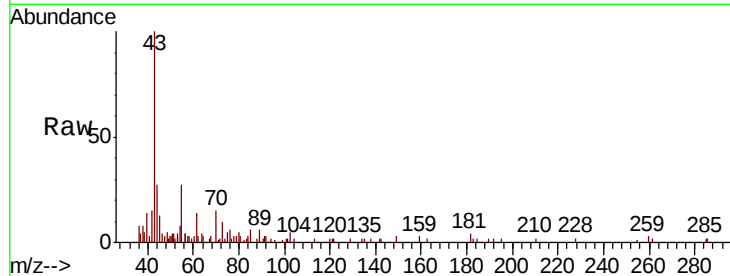




#37
Ethyl Acetate
Concen: 1.035 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

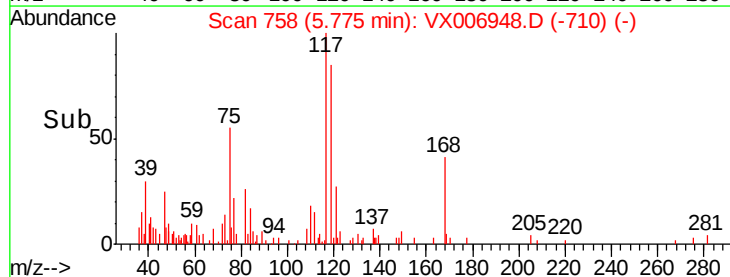
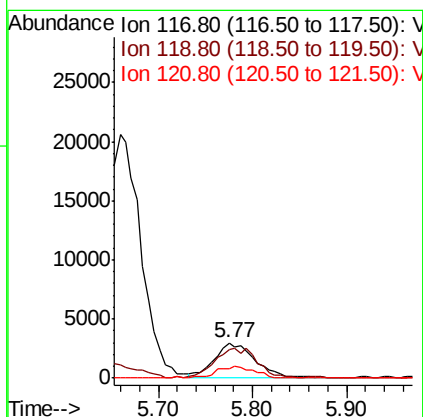
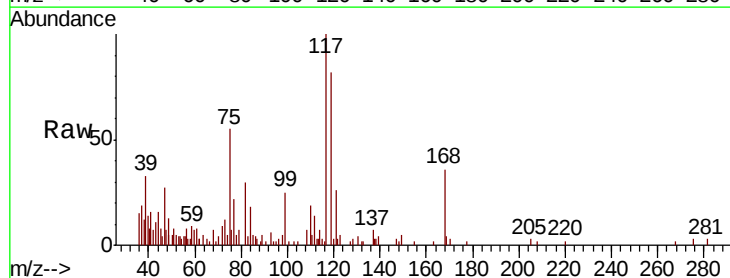
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

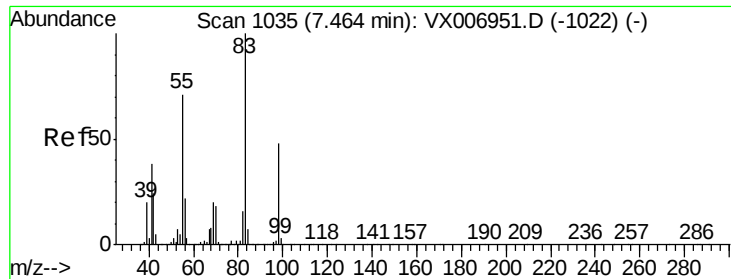
Tgt Ion: 43 Resp: 9312
Ion Ratio Lower Upper
43 100
61 17.9 11.9 17.9#
70 19.8 9.7 14.5#



#38
Carbon Tetrachloride
Concen: 1.080 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Tgt Ion: 117 Resp: 9116
Ion Ratio Lower Upper
117 100
119 82.4 79.4 119.2
121 25.9 24.0 36.0

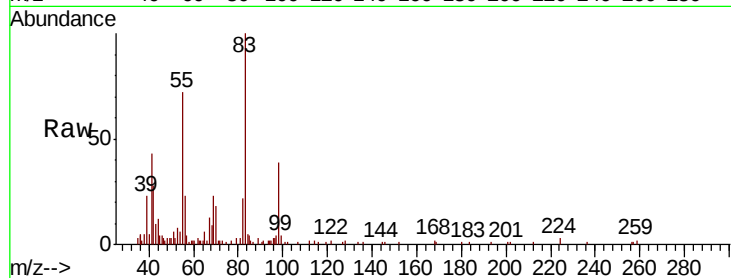




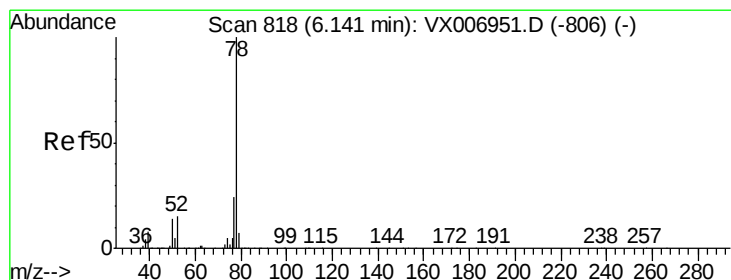
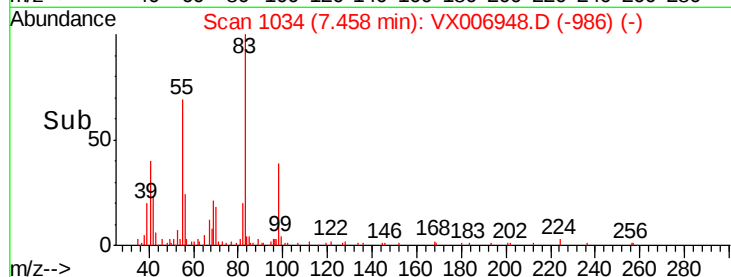
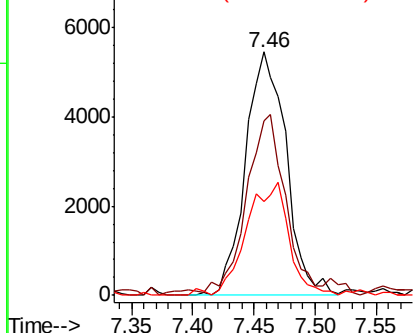
#39
Methylcyclohexane
Concen: 1.179 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.4	54.9	82.3
98	39.1	37.9	56.9

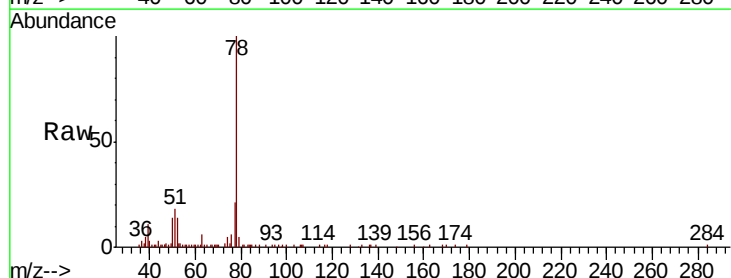


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

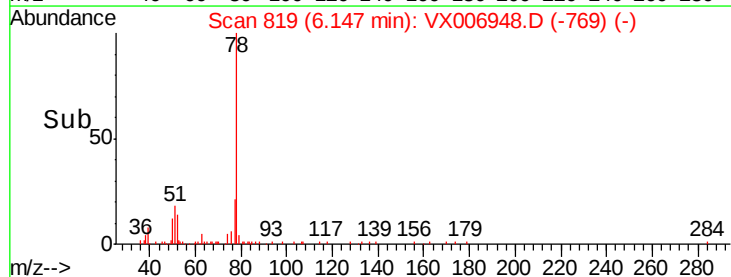
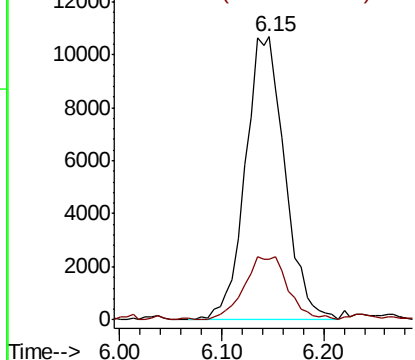


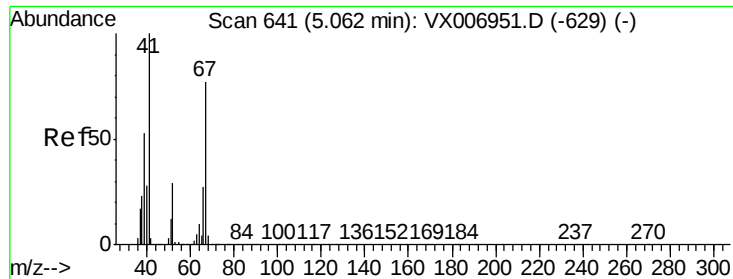
#40
Benzene
Concen: 1.120 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.4	19.2	28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 1.259 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

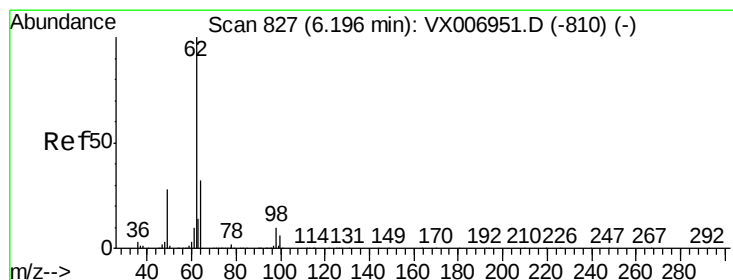
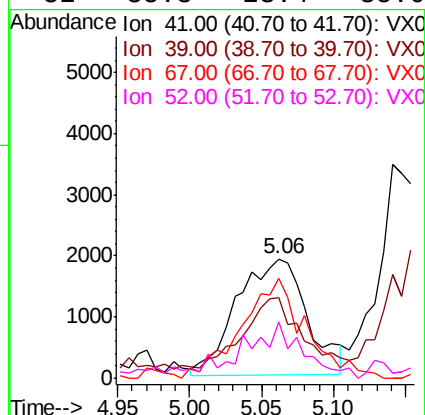
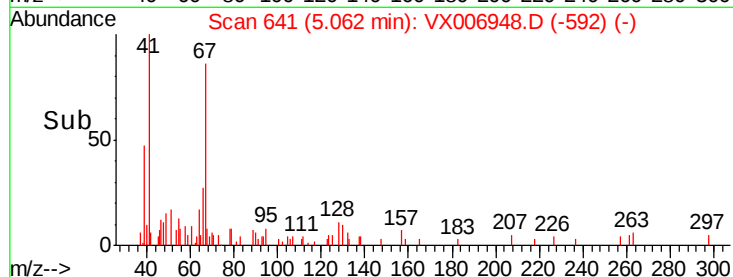
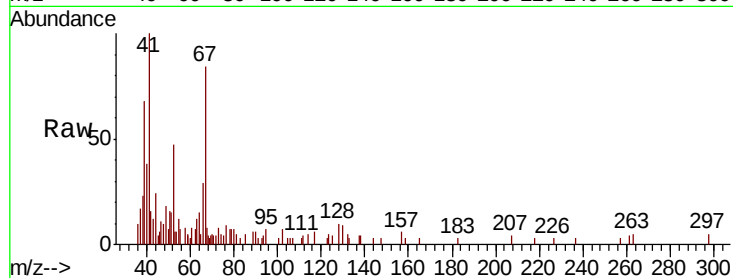
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:	41	Resp:	6523
Ion	Ratio	Lower	Upper
41	100		
39	48.3	42.8	64.2
67	77.3	62.1	93.1
52	35.3	23.4	35.0#



#42

1,2-Dichloroethane

Concen: 1.198 ug/l

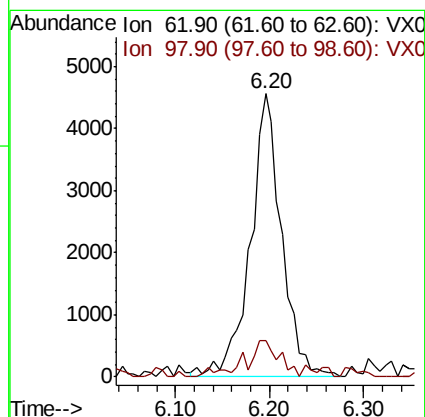
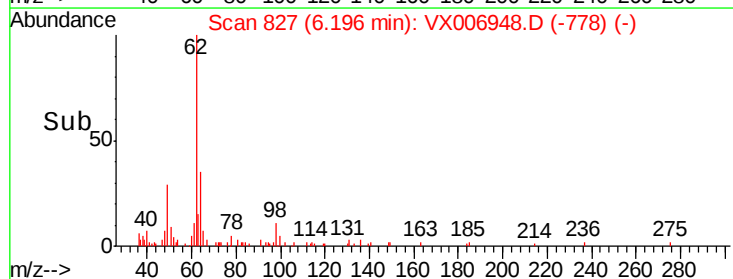
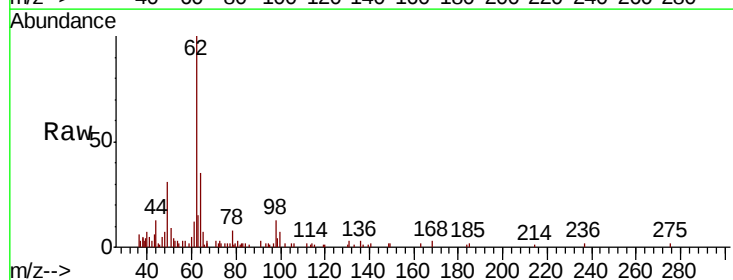
RT: 6.20 min Scan# 827

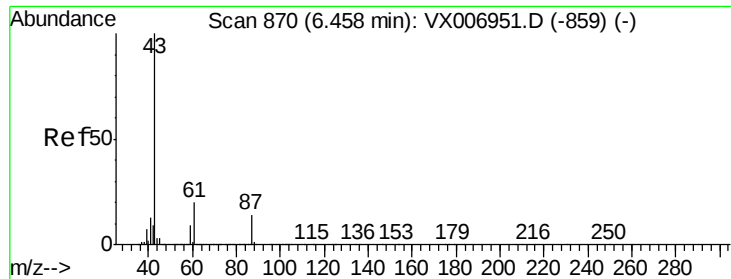
Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Tgt Ion:	62	Resp:	10597
Ion	Ratio	Lower	Upper
62	100		
98	13.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 1.053 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

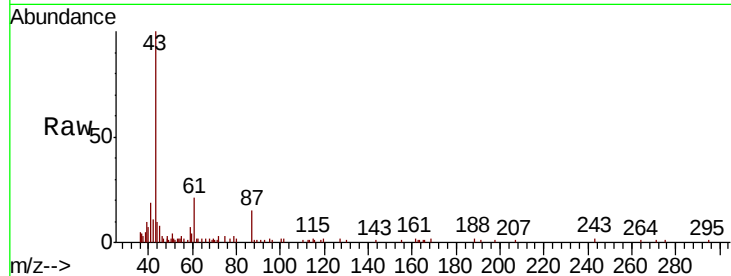
Tgt Ion: 43 Resp: 14942

Ion Ratio Lower Upper

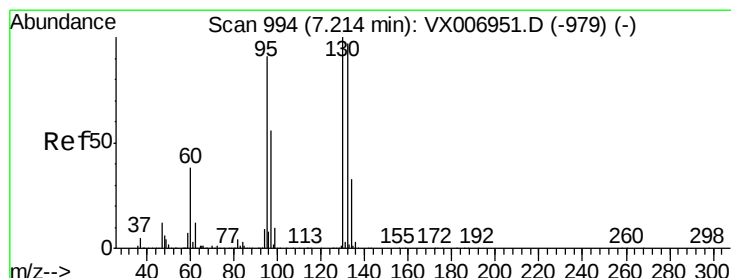
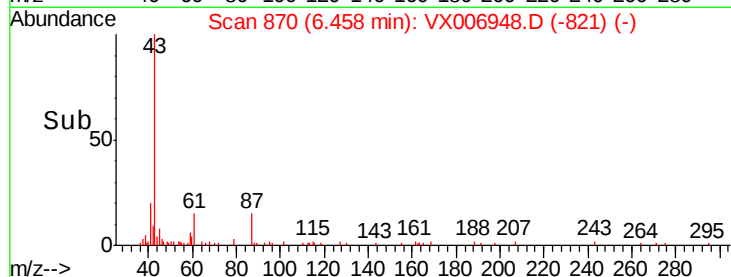
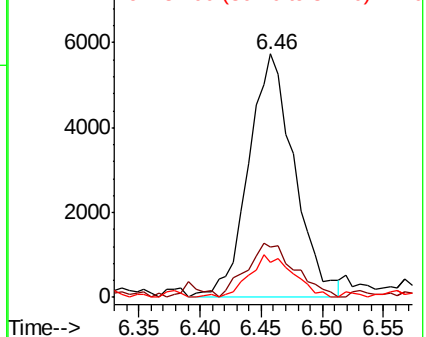
43 100

61 23.3 16.8 25.2

87 16.5 12.4 18.6



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



#44

Trichloroethene

Concen: 1.226 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006948.D

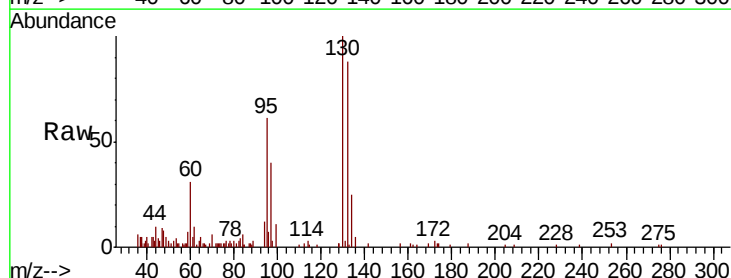
Acq: 08 Jan 2019 11:32

Tgt Ion: 130 Resp: 9402

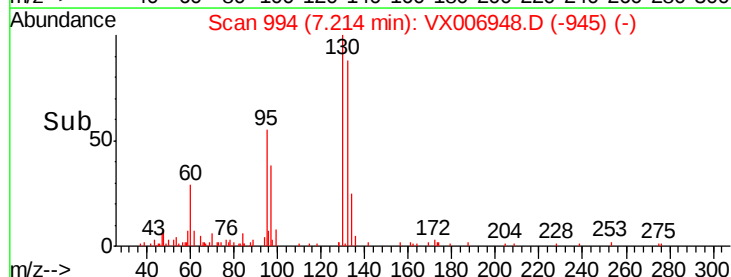
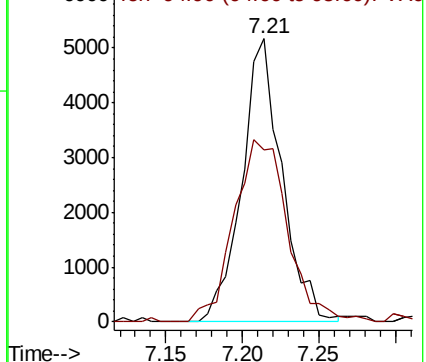
Ion Ratio Lower Upper

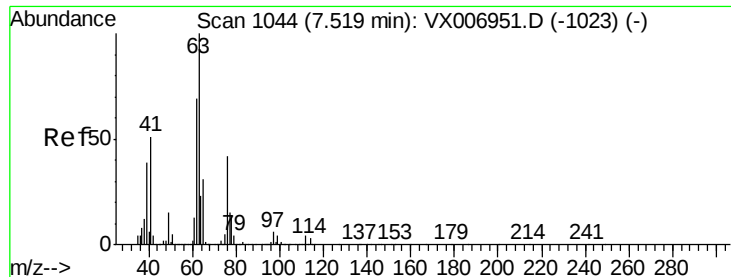
130 100

95 60.9 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 1.048 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

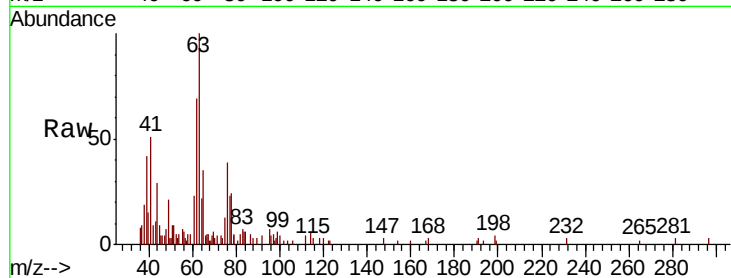
VSTDIC001

Tgt Ion: 63 Resp: 6741

Ion Ratio Lower Upper

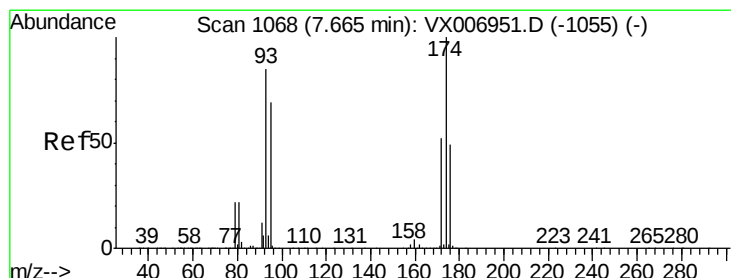
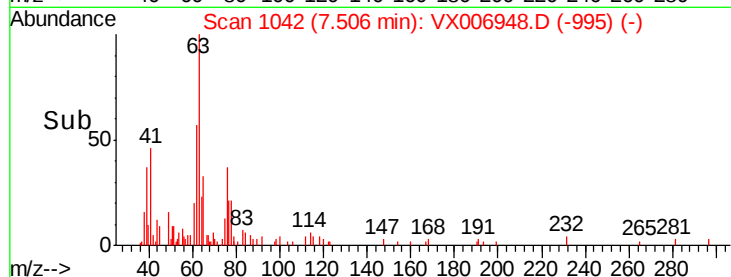
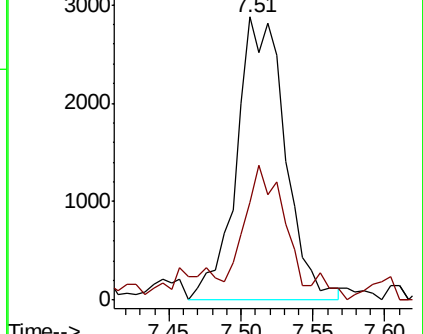
63 100

65 30.2 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 1.118 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

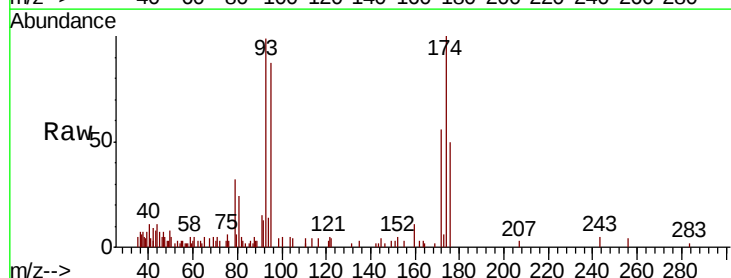
Tgt Ion: 93 Resp: 5057

Ion Ratio Lower Upper

93 100

95 88.2 66.2 99.4

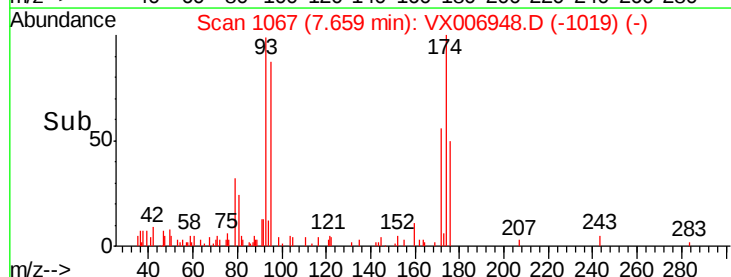
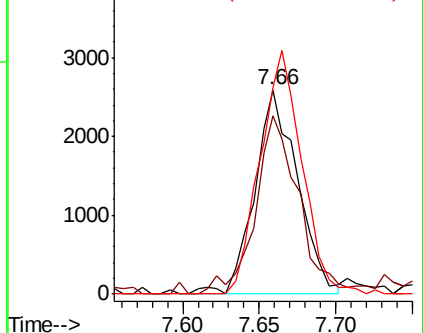
174 116.7 91.0 136.4

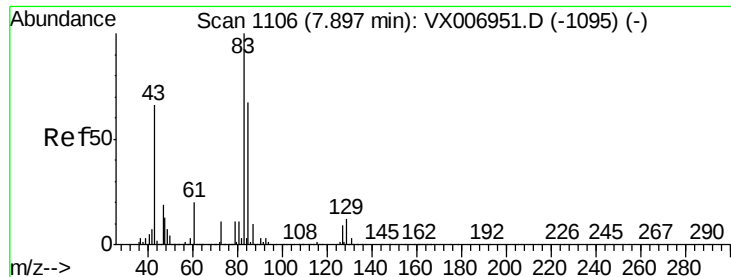


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.011 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

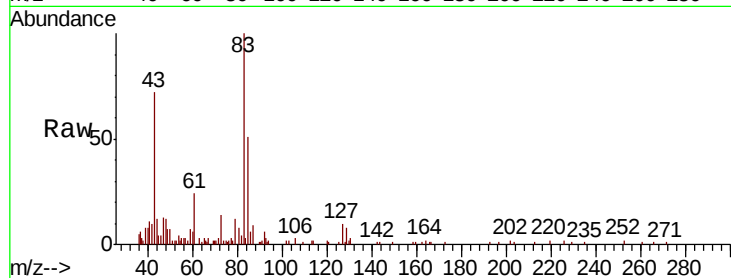
Tgt Ion: 83 Resp: 7786

Ion Ratio Lower Upper

83 100

85 50.6 53.2 79.8#

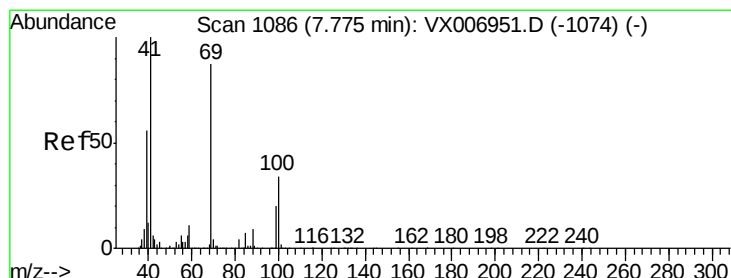
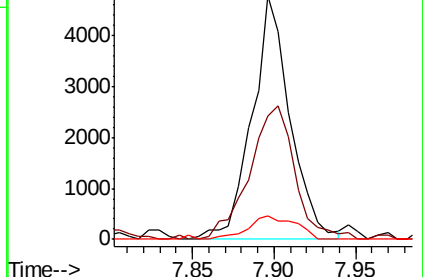
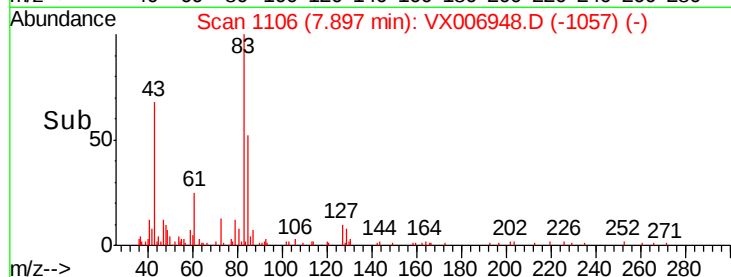
127 9.8 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.137 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

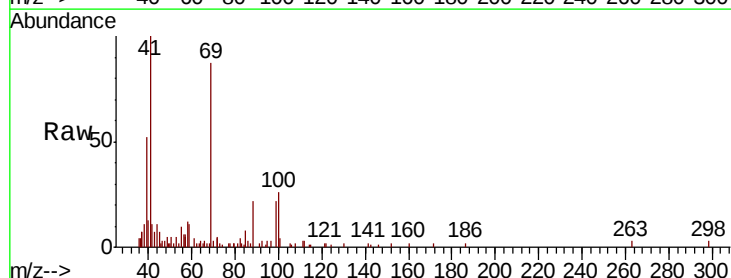
Tgt Ion: 41 Resp: 8281

Ion Ratio Lower Upper

41 100

69 82.0 72.4 108.6

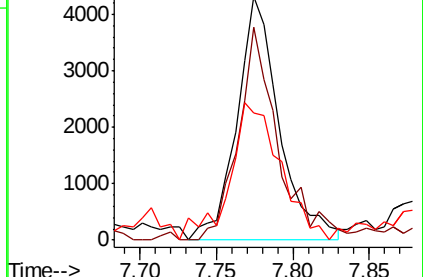
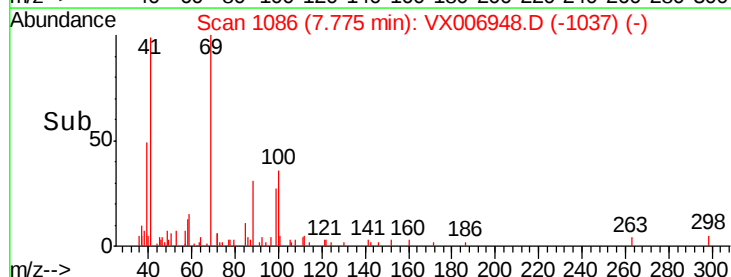
39 66.9 45.8 68.8

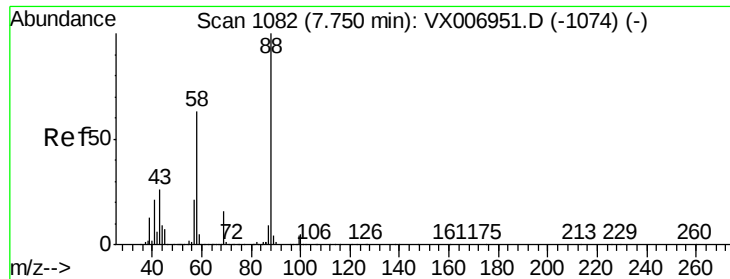


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

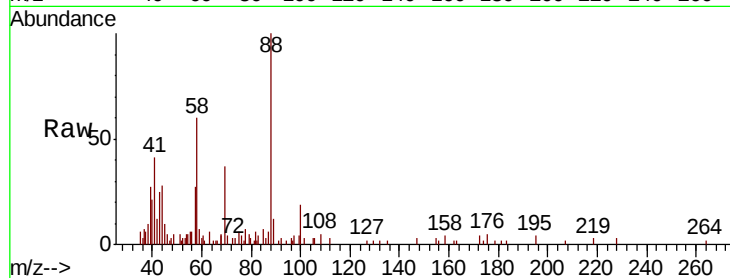




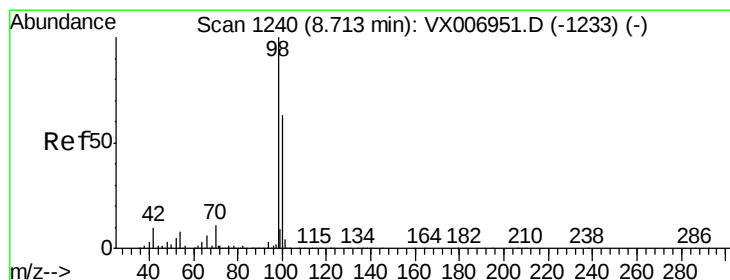
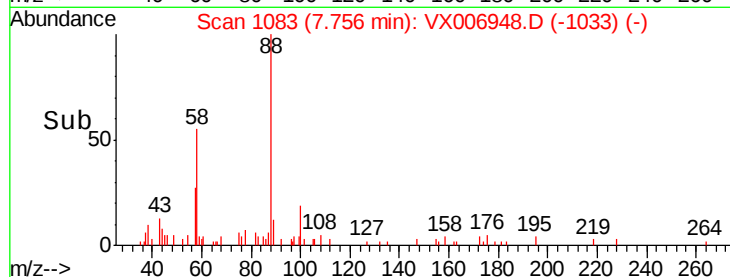
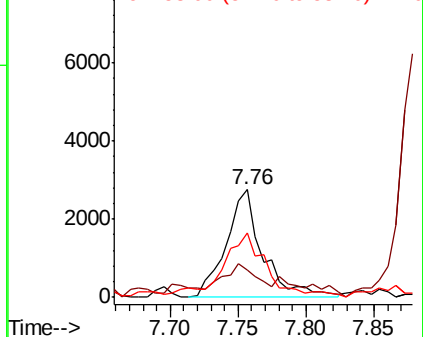
#49
1,4-Dioxane
Concen: 22.598 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 88 Resp: 5155
Ion Ratio Lower Upper
88 100
43 18.7 22.2 33.4#
58 72.3 51.0 76.4

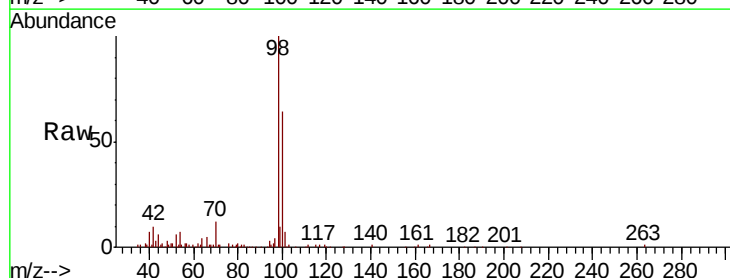


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

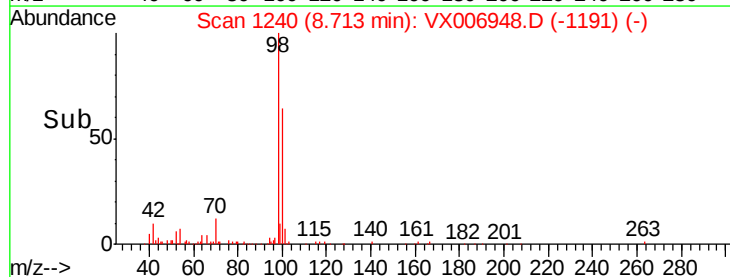
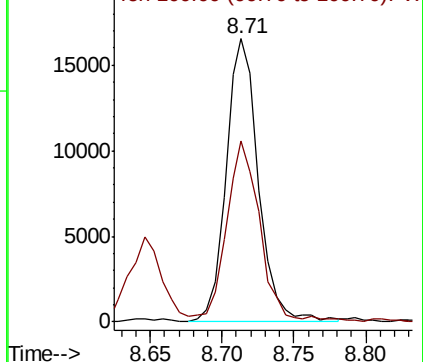


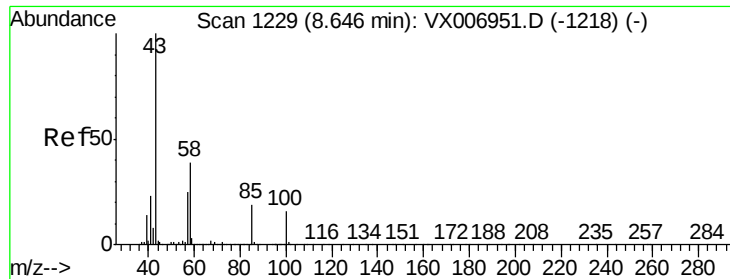
#50
Toluene-d8
Concen: 1.147 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Tgt Ion: 98 Resp: 25949
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

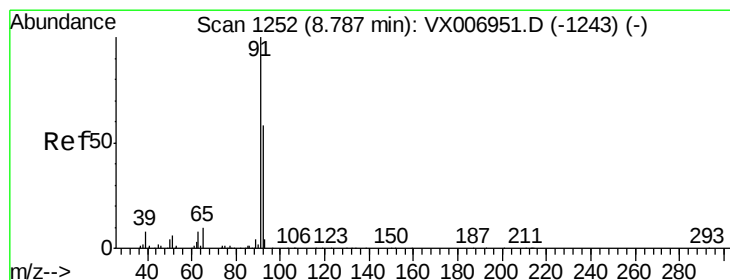
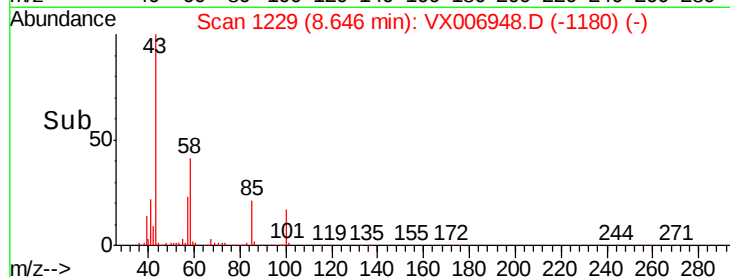
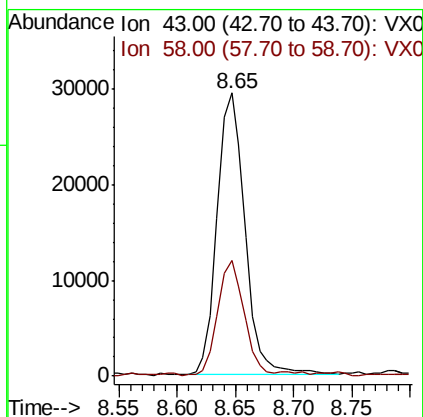
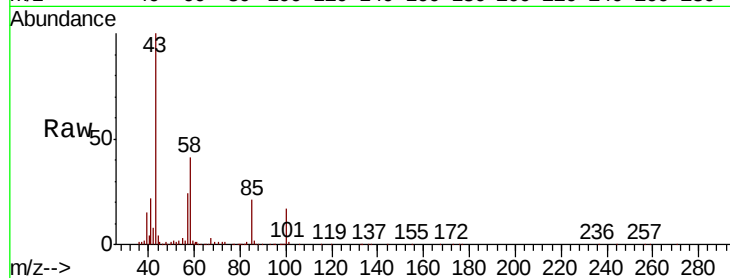




#51
 4-Methyl-2-Pentanone
 Concen: 5.339 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006948.D
 Acq: 08 Jan 2019 11:32

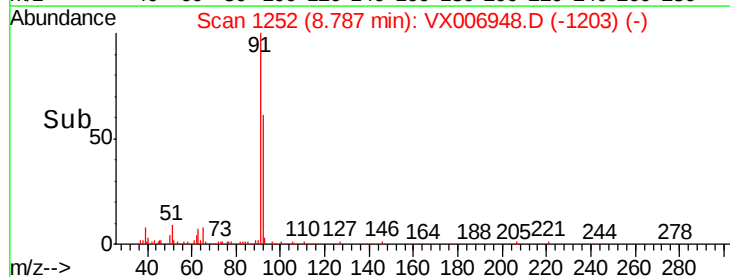
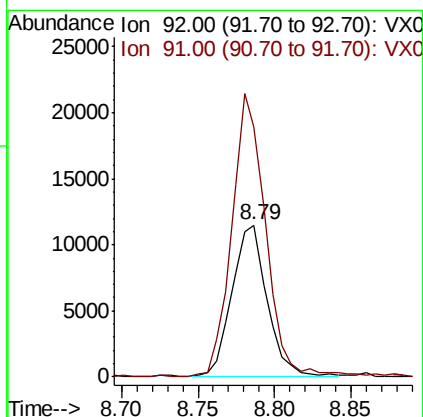
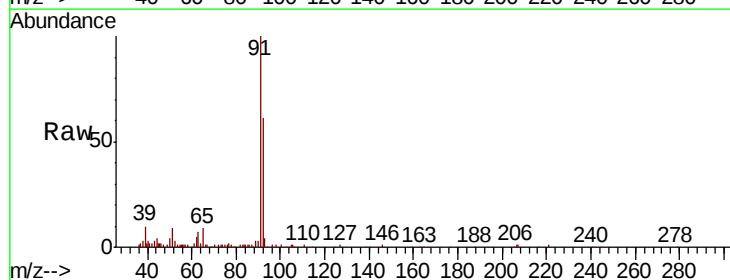
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 48672
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.8 47.6



#52
 Toluene
 Concen: 1.123 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006948.D
 Acq: 08 Jan 2019 11:32

Tgt Ion: 92 Resp: 18482
 Ion Ratio Lower Upper
 92 100
 91 177.8 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 0.989 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

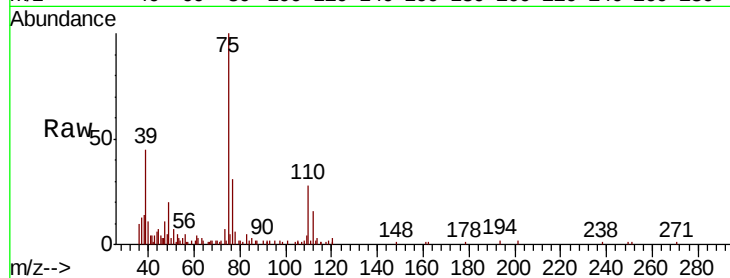
VSTDIC001

Tgt Ion: 75 Resp: 8439

Ion Ratio Lower Upper

75 100

77 29.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

6000

5000

4000

3000

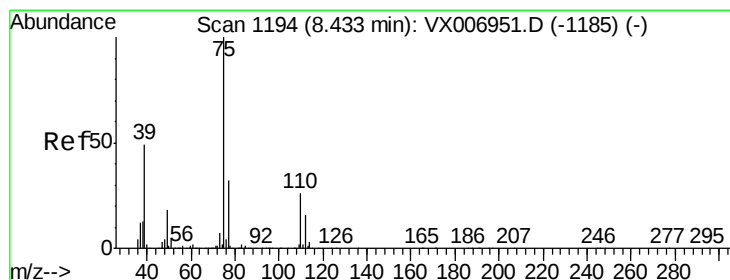
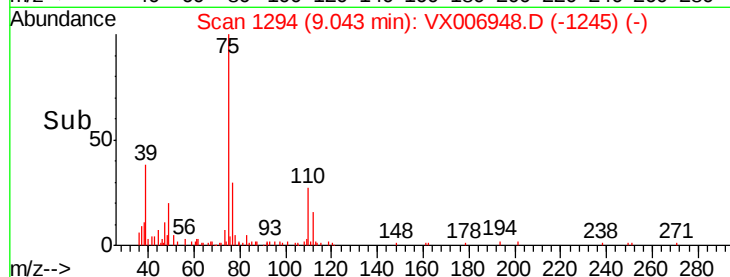
2000

1000

0

Time-->

8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 0.978 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

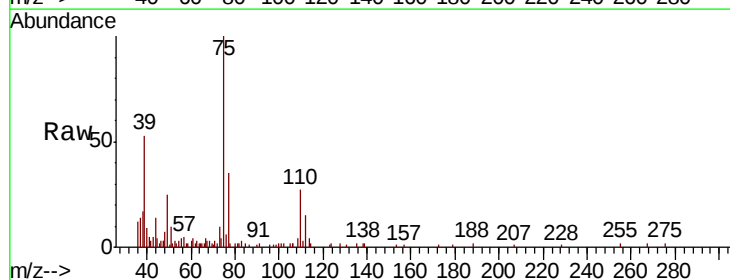
Tgt Ion: 75 Resp: 9222

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.2

39 48.0 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

6000

5000

4000

3000

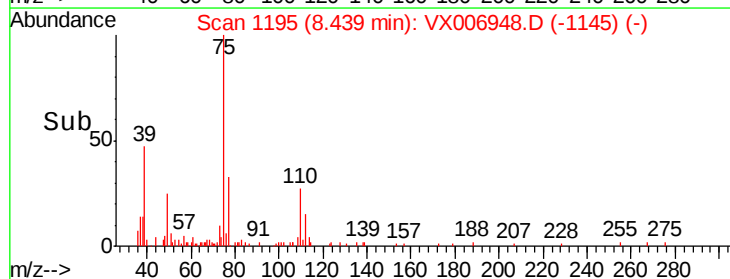
2000

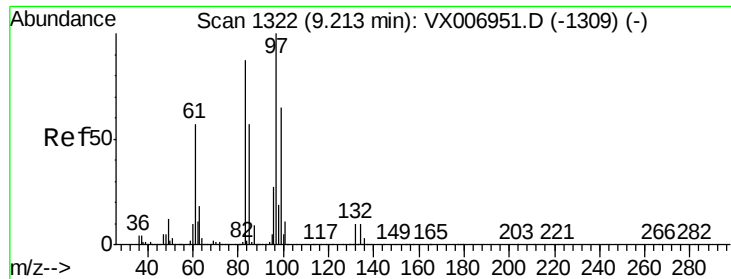
1000

0

Time-->

8.35 8.40 8.45 8.50 8.55

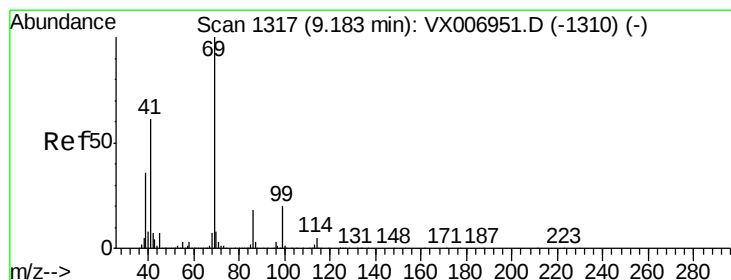
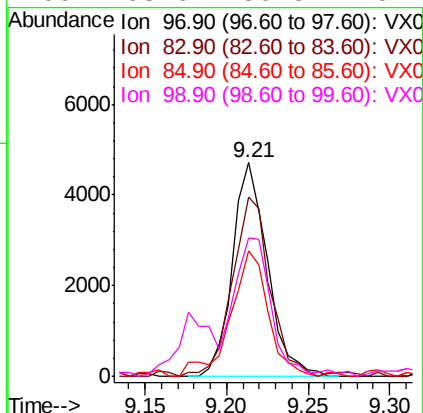
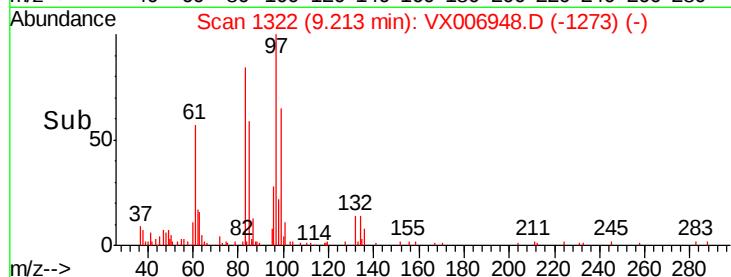
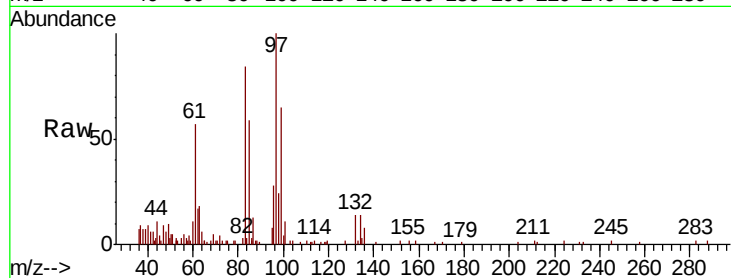




#55
 1,1,2-Trichloroethane
 Concen: 1.066 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006948.D
 Acq: 08 Jan 2019 11:32

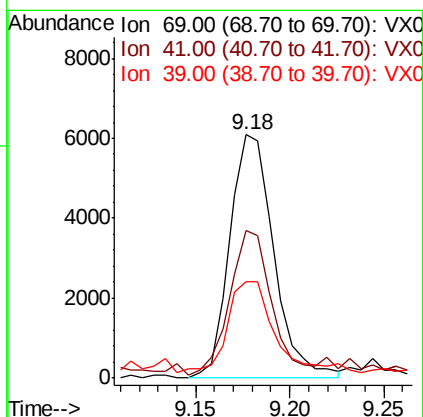
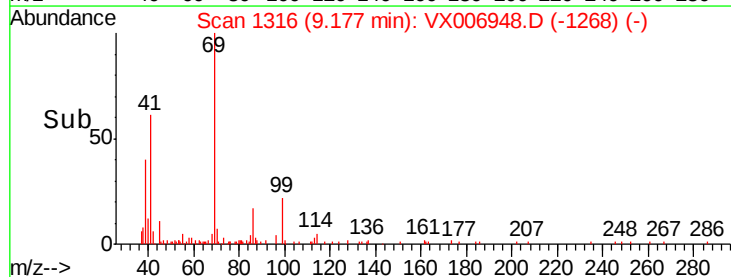
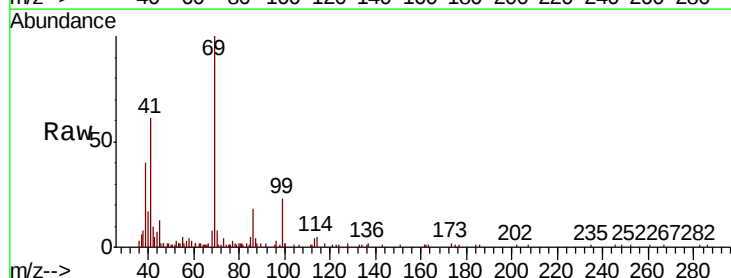
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

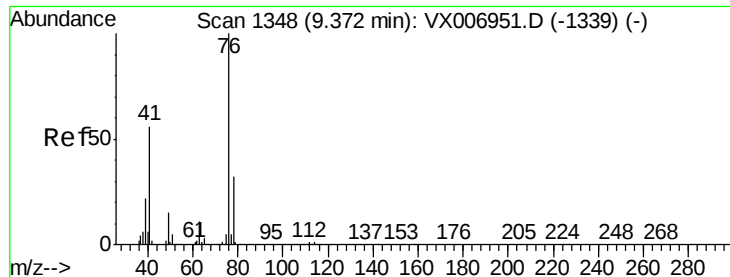
Tgt Ion:	97	Resp:	7022
Ion	Ratio	Lower	Upper
97	100		
83	82.1	66.6	99.8
85	57.6	42.7	64.1
99	63.6	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 1.030 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006948.D
 Acq: 08 Jan 2019 11:32

Tgt Ion:	69	Resp:	9905
Ion	Ratio	Lower	Upper
69	100		
41	55.5	48.7	73.1
39	38.8	27.0	40.6

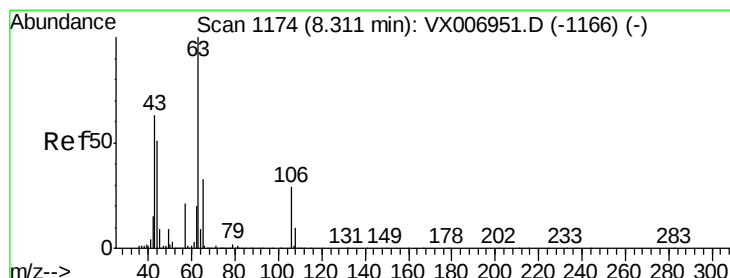
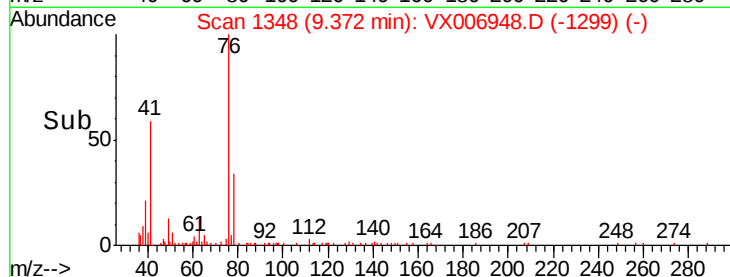
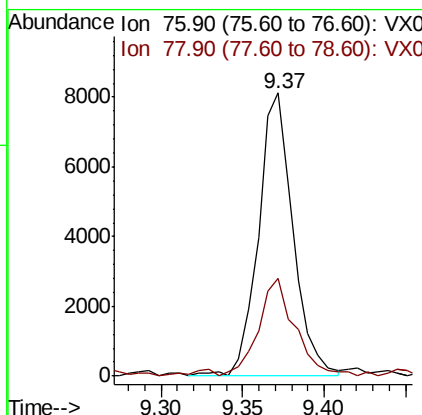
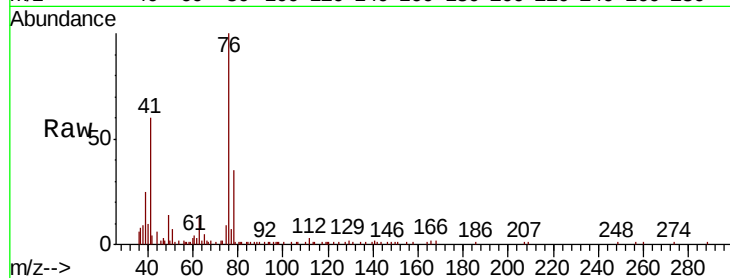




#57
 1,3-Dichloropropane
 Concen: 1.107 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006948.D
 Acq: 08 Jan 2019 11:32

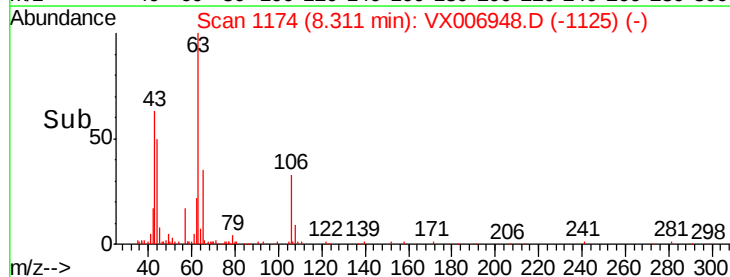
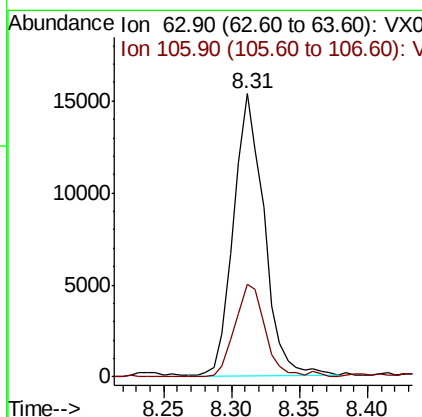
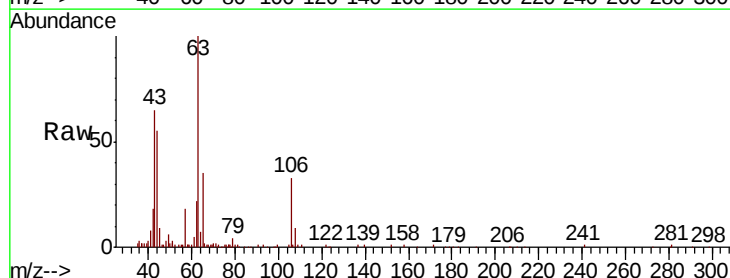
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

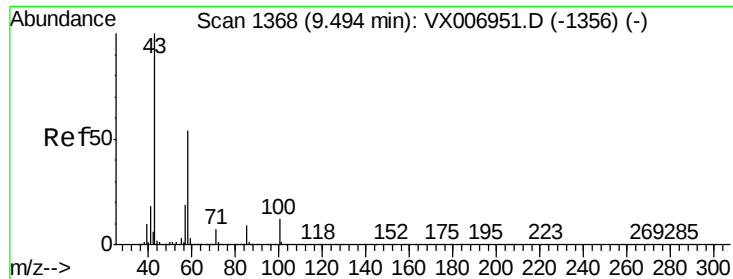
Tgt Ion: 76 Resp: 11947
 Ion Ratio Lower Upper
 76 100
 78 36.7 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.908 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006948.D
 Acq: 08 Jan 2019 11:32

Tgt Ion: 63 Resp: 24258
 Ion Ratio Lower Upper
 63 100
 106 32.0 24.6 36.8

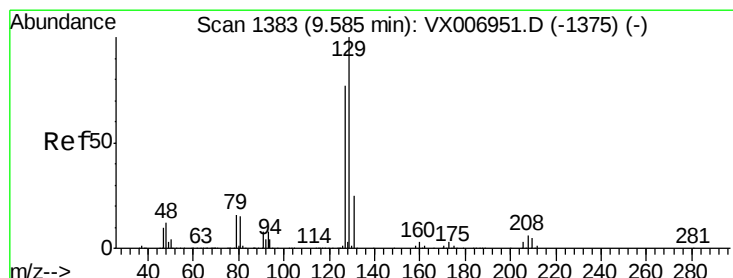
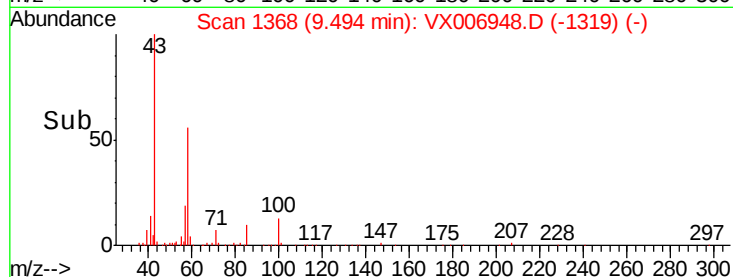
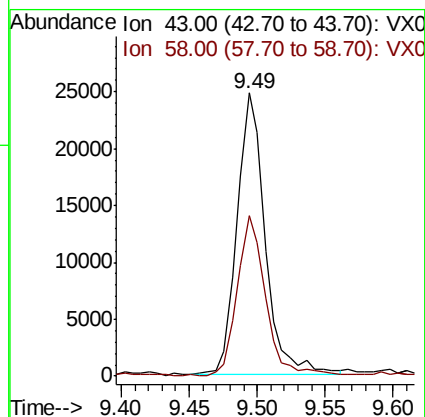
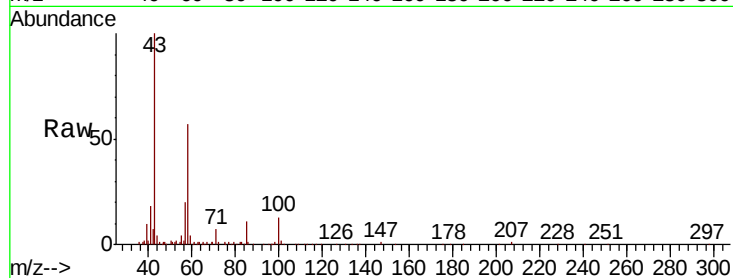




#59
2-Hexanone
Concen: 5.137 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

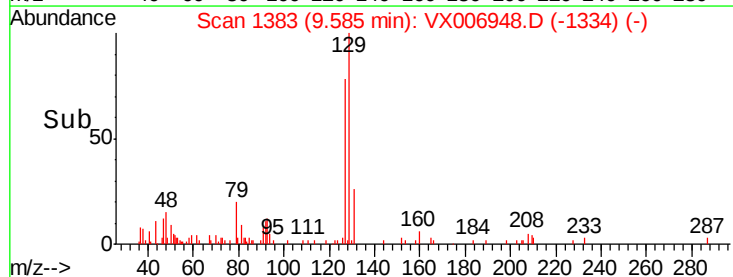
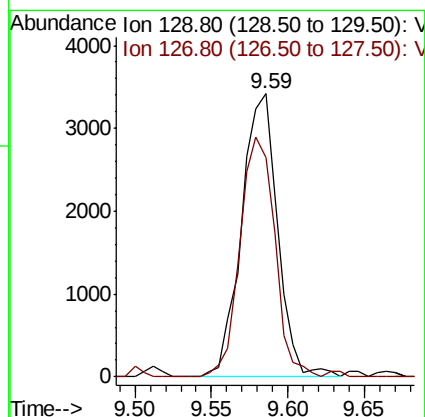
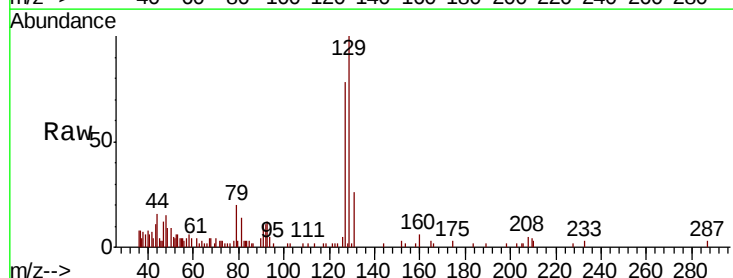
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

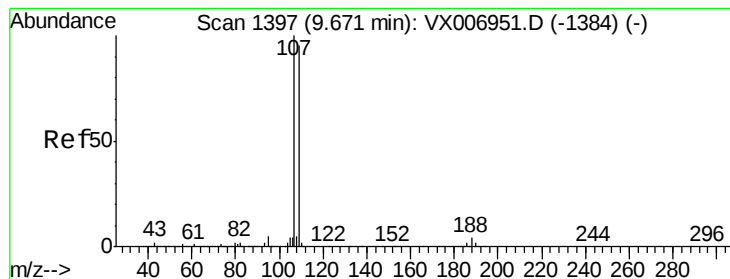
Tgt Ion: 43 Resp: 35693
Ion Ratio Lower Upper
43 100
58 58.0 27.7 83.1



#60
Dibromochloromethane
Concen: 0.876 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Tgt Ion: 129 Resp: 5600
Ion Ratio Lower Upper
129 100
127 81.6 39.3 117.8





#61

1,2-Dibromoethane

Concen: 1.077 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

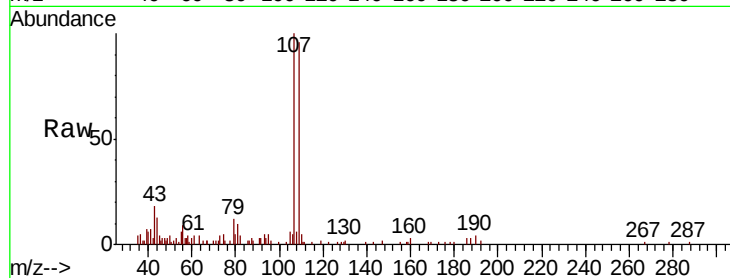
VSTDIC001

Tgt Ion: 107 Resp: 7810

Ion Ratio Lower Upper

107 100

109 96.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

6000

5000

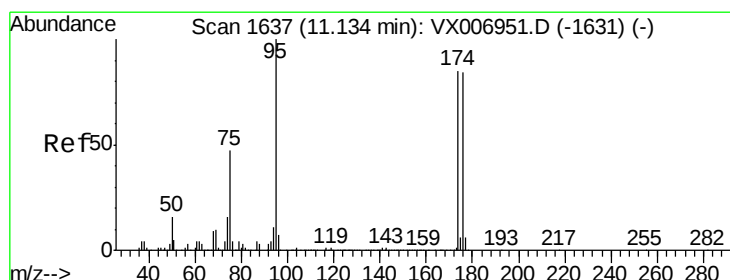
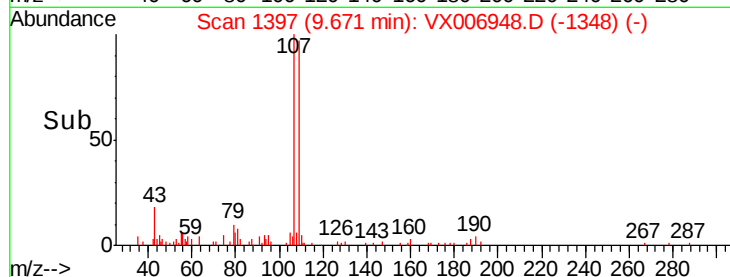
4000

3000

2000

1000

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 1.152 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

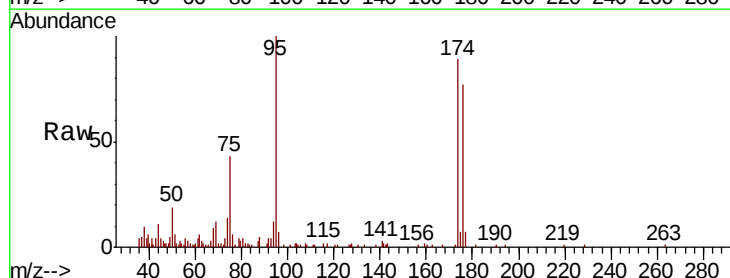
Tgt Ion: 95 Resp: 9081

Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.2

176 82.9 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

8000

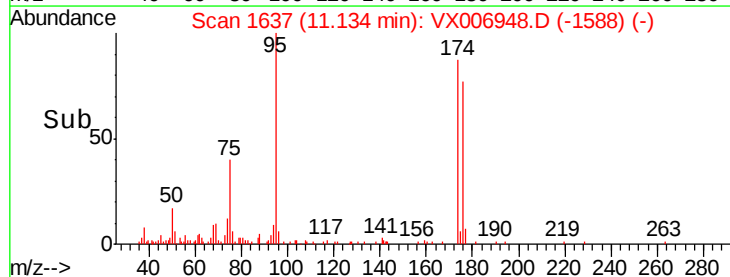
6000

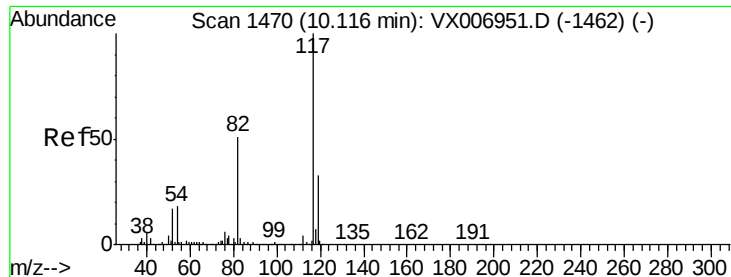
4000

2000

0

Time--> 11.05 11.10 11.15 11.20

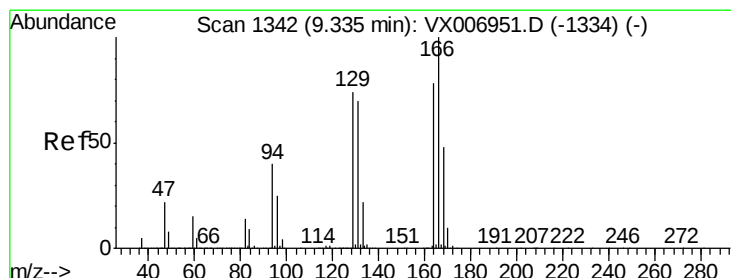
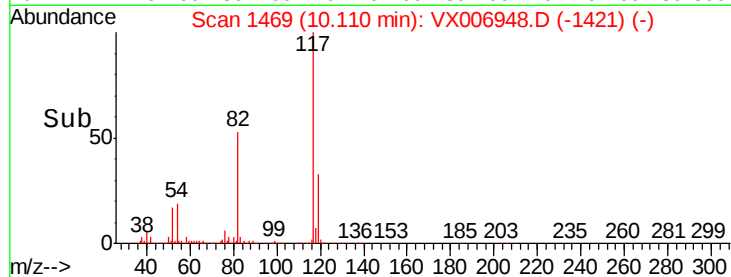
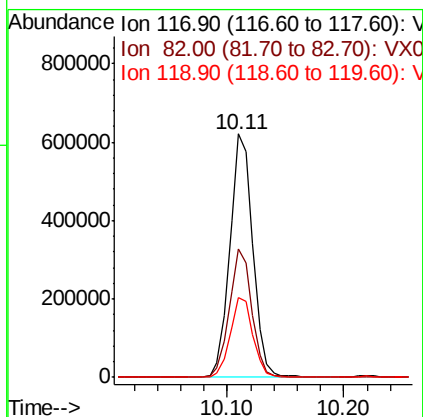
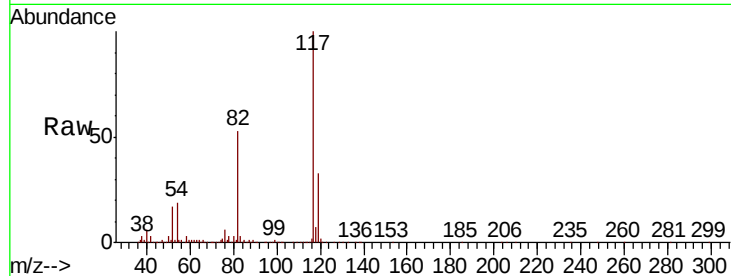




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

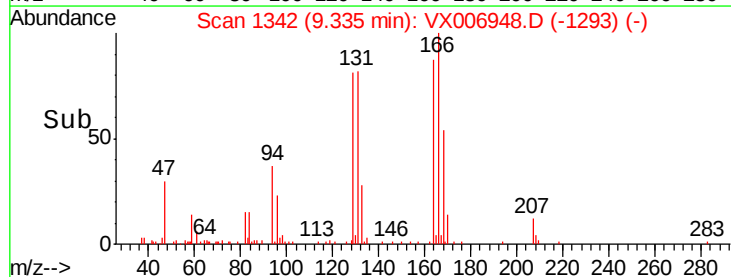
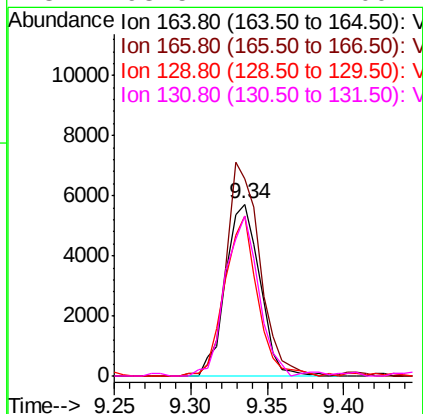
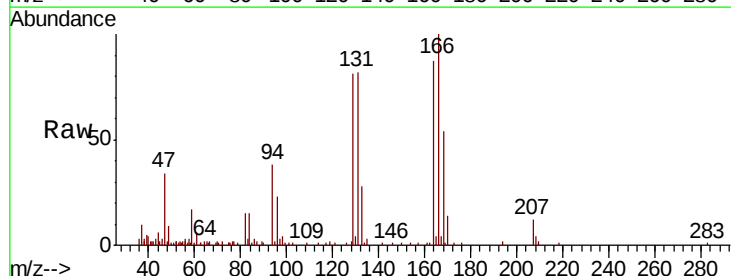
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

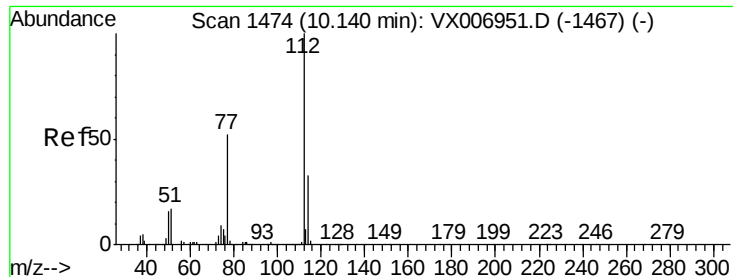
Tgt Ion:117 Resp: 850059
Ion Ratio Lower Upper
117 100
82 52.5 41.0 61.6
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 1.209 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Tgt Ion:164 Resp: 8896
Ion Ratio Lower Upper
164 100
166 113.5 102.5 153.7
129 93.1 75.1 112.7
131 93.5 72.7 109.1





#65

Chlorobenzene

Concen: 1.124 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

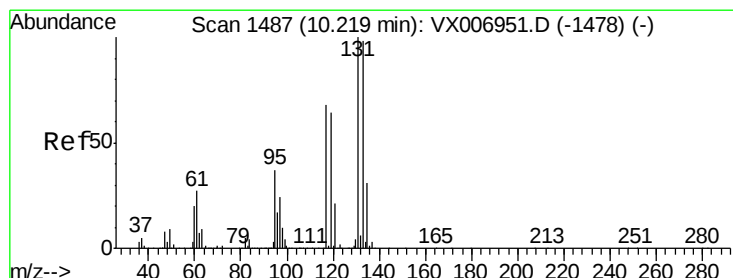
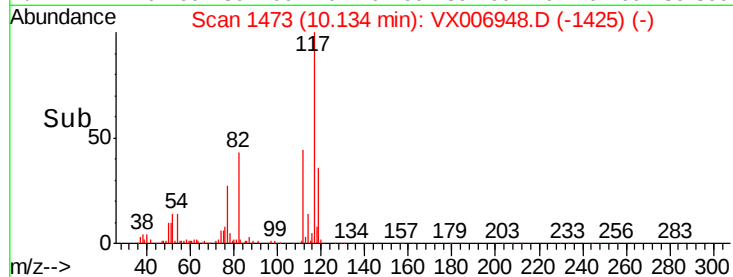
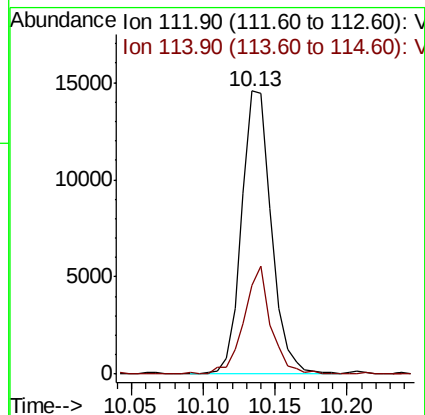
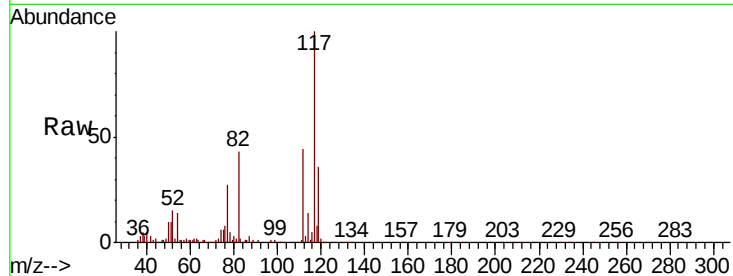
VSTDIC001

Tgt Ion:112 Resp: 20831

Ion Ratio Lower Upper

112 100

114 31.5 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 0.907 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

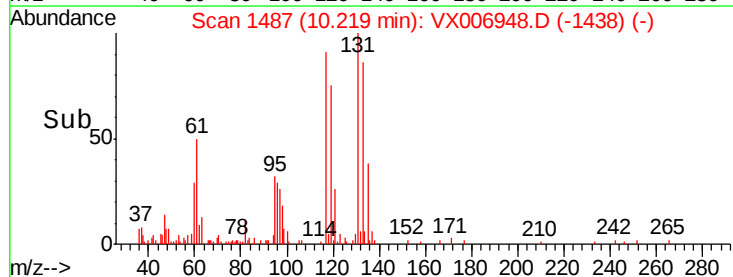
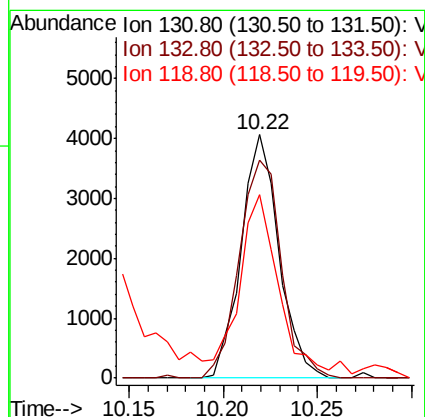
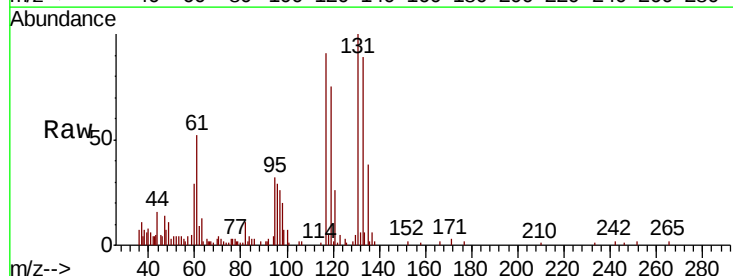
Tgt Ion:131 Resp: 5659

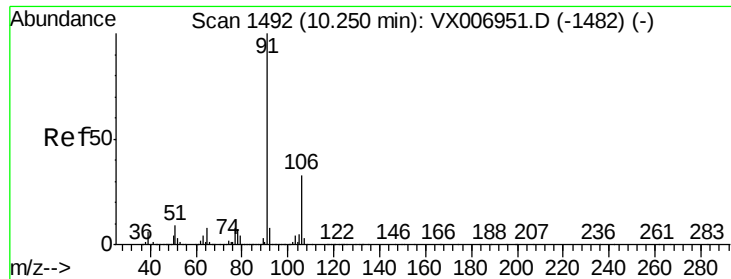
Ion Ratio Lower Upper

131 100

133 100.1 48.0 144.2

119 0.0 32.6 97.8#





#67

Ethyl Benzene

Concen: 1.137 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

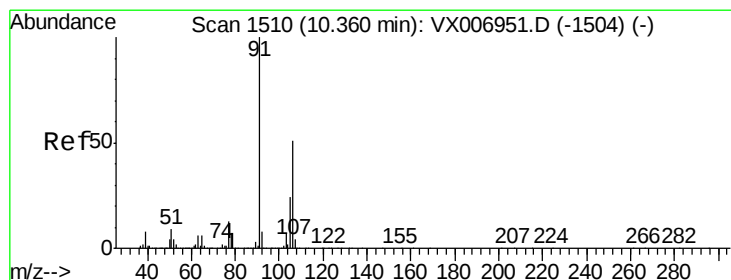
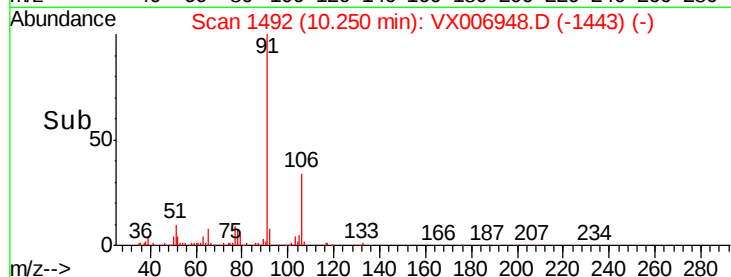
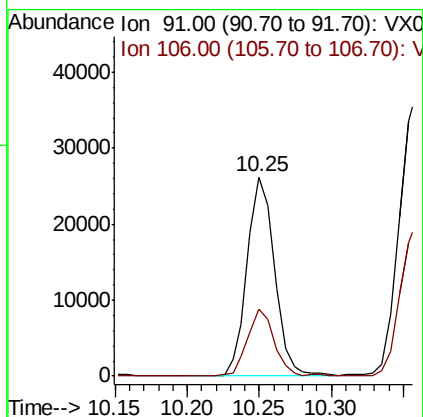
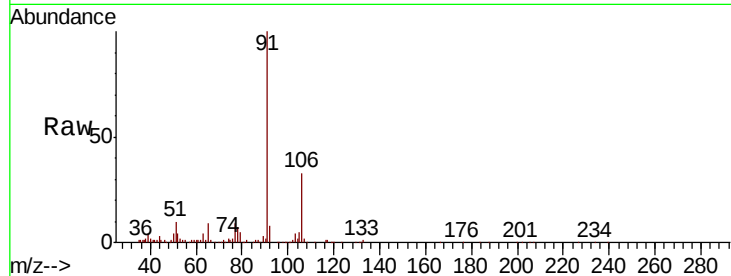
VSTDIC001

Tgt Ion: 91 Resp: 34802

Ion Ratio Lower Upper

91 100

106 33.5 26.4 39.6



#68

m/p-Xylenes

Concen: 2.233 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006948.D

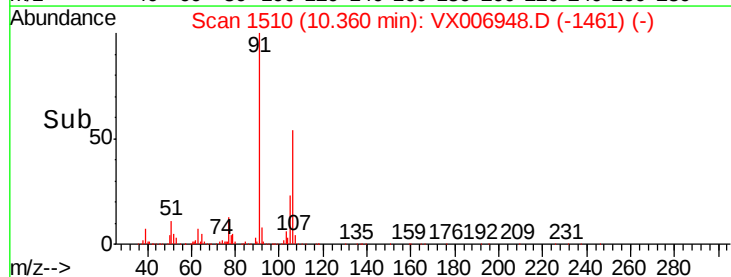
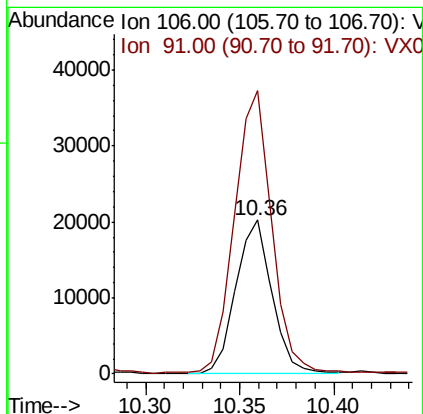
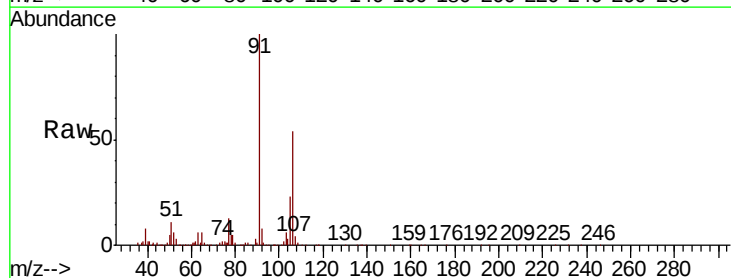
Acq: 08 Jan 2019 11:32

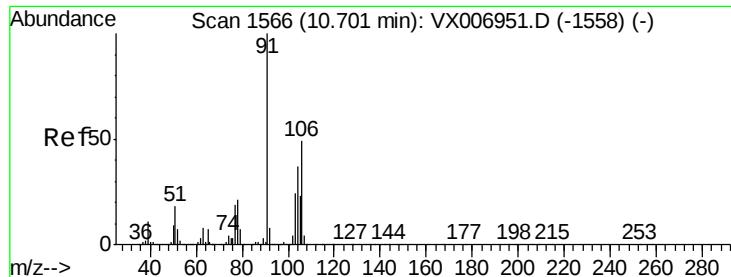
Tgt Ion: 106 Resp: 26929

Ion Ratio Lower Upper

106 100

91 187.9 155.8 233.6

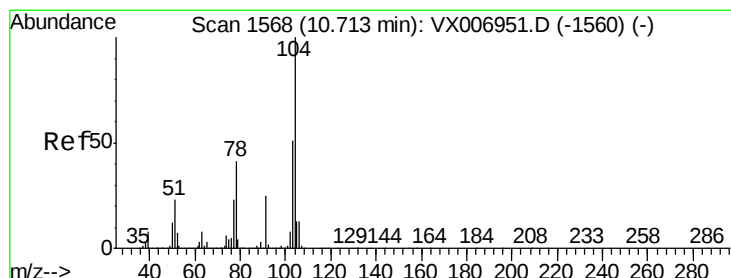
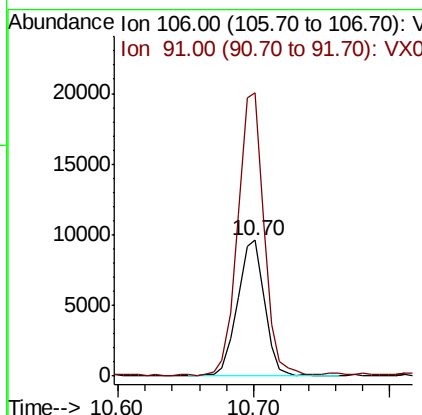
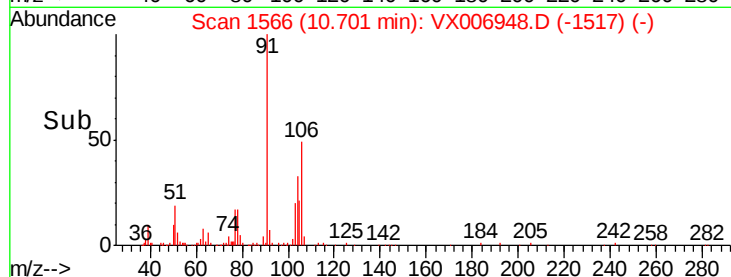
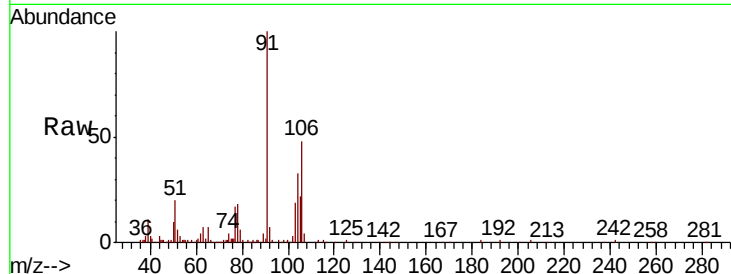




#69
o-Xylene
Concen: 1.133 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

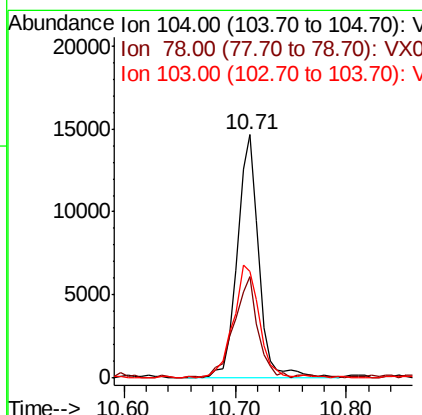
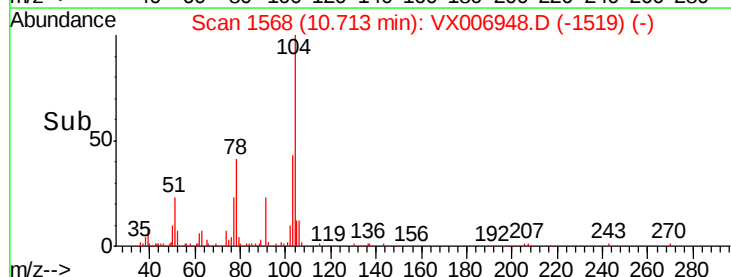
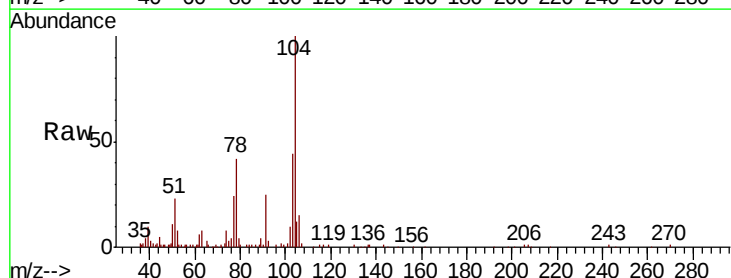
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

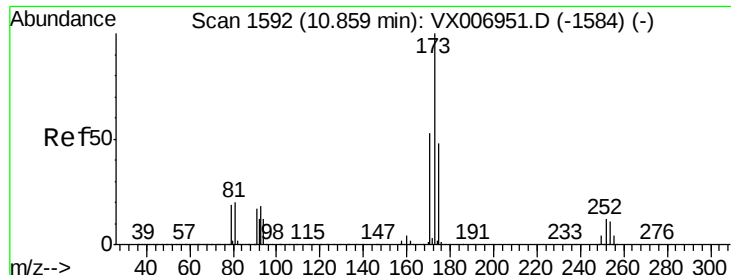
Tgt Ion:106 Resp: 13324
Ion Ratio Lower Upper
106 100
91 203.3 101.3 303.7



#70
Styrene
Concen: 1.051 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Tgt Ion:104 Resp: 19578
Ion Ratio Lower Upper
104 100
78 46.4 37.7 56.5
103 56.0 43.8 65.8

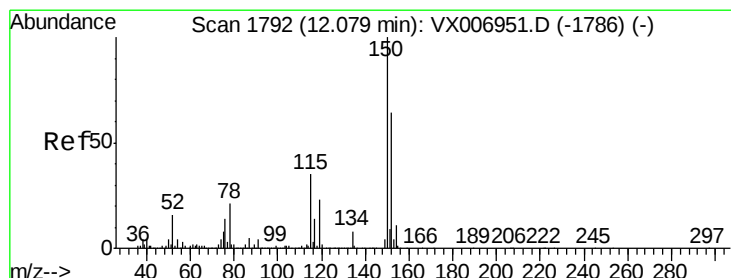
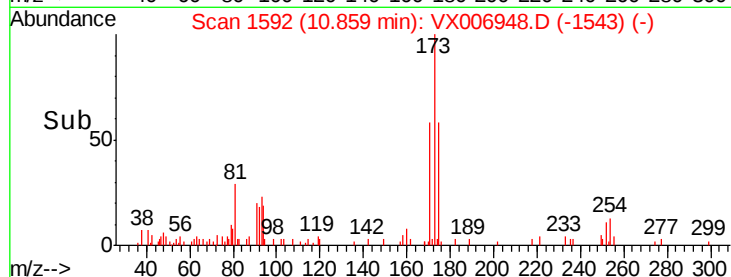
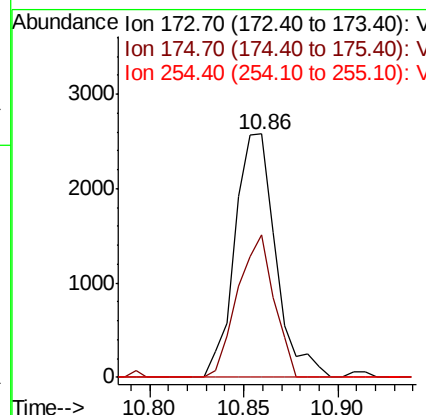
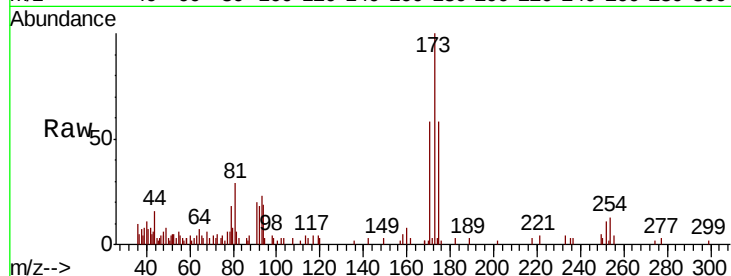




#71
Bromoform
Concen: 5.356 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

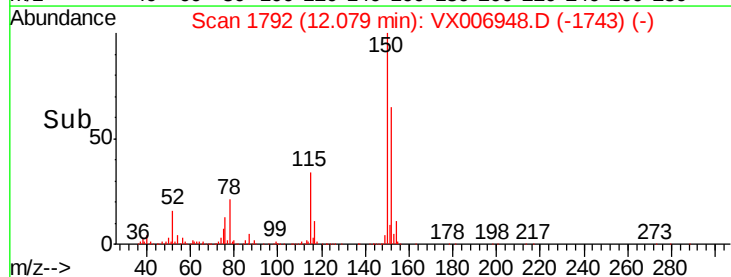
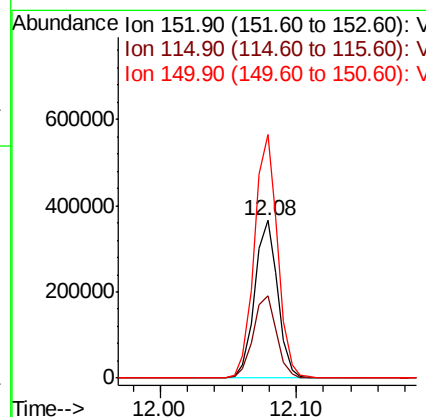
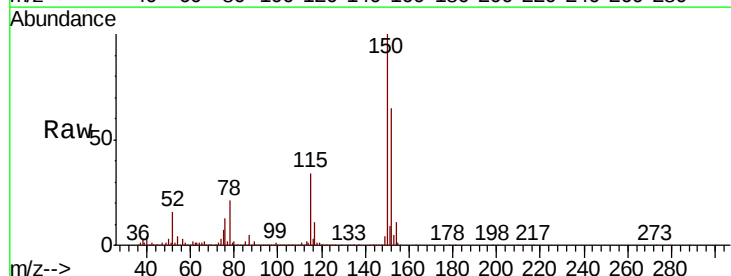
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

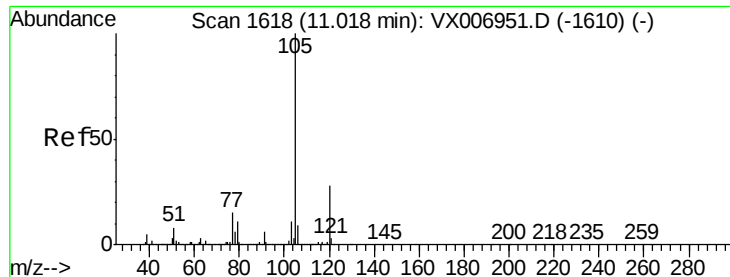
Tgt Ion:173 Resp: 3870
Ion Ratio Lower Upper
173 100
175 52.1 24.7 74.1
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Tgt Ion:152 Resp: 434019
Ion Ratio Lower Upper
152 100
115 53.8 39.1 117.2
150 155.6 0.0 344.8





#73

Isopropylbenzene

Concen: 1.099 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

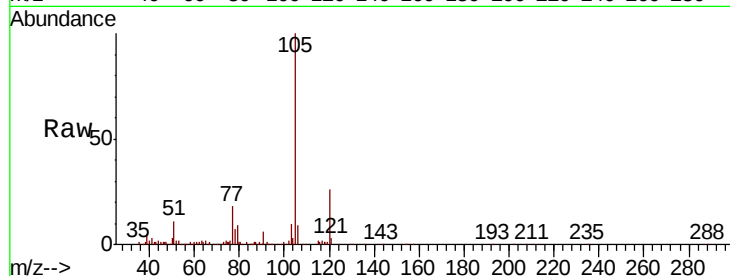
VSTDIC001

Tgt Ion: 105 Resp: 33634

Ion Ratio Lower Upper

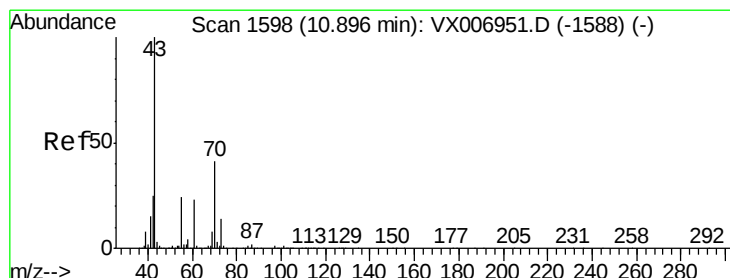
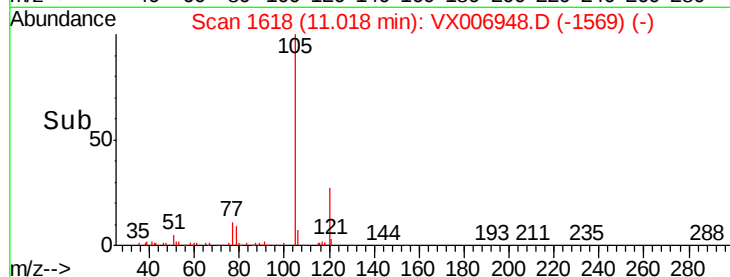
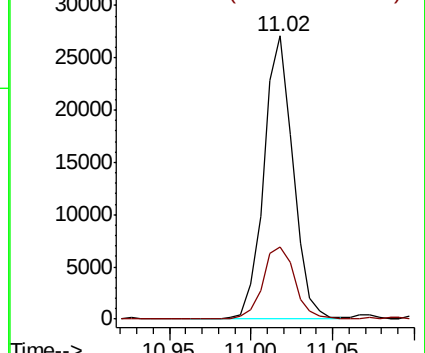
105 100

120 28.1 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.995 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Tgt Ion: 43 Resp: 12265

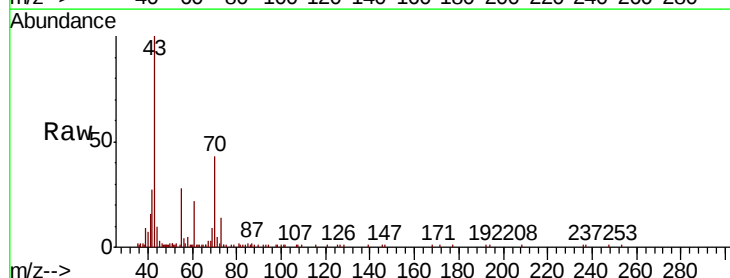
Ion Ratio Lower Upper

43 100

70 49.5 35.8 53.8

55 31.1 19.4 29.0#

61 25.1 20.1 30.1

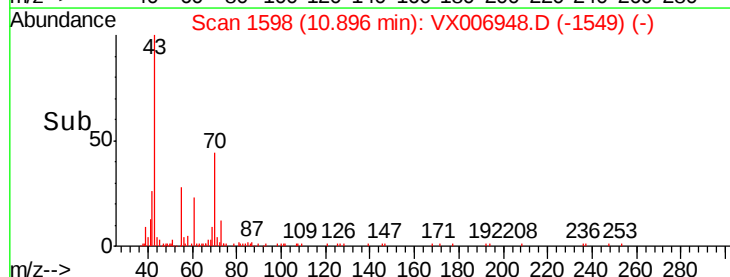
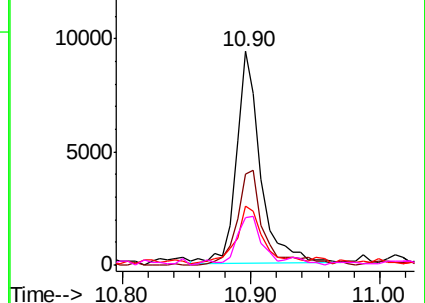


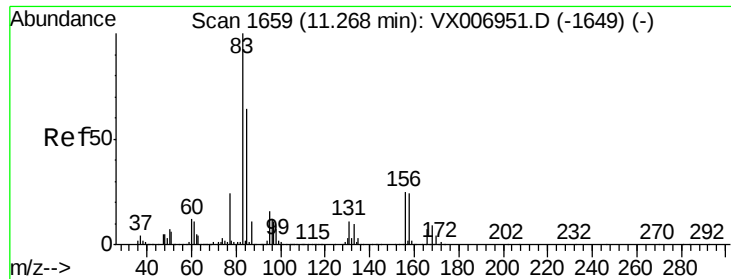
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.063 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

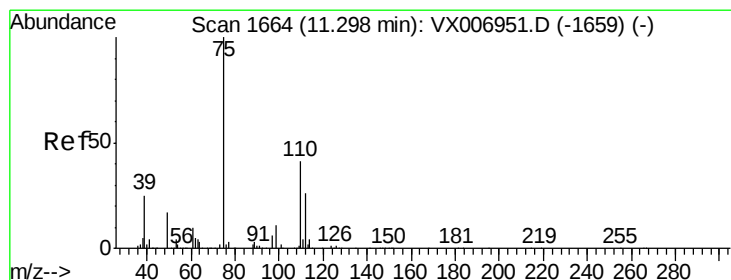
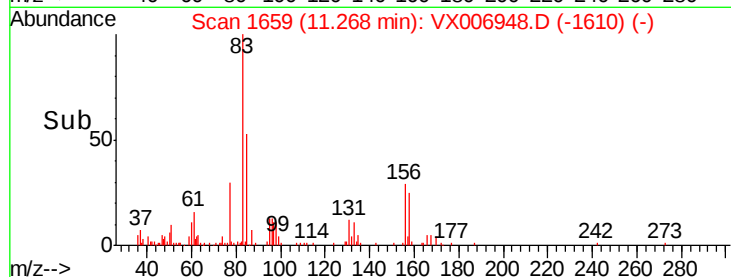
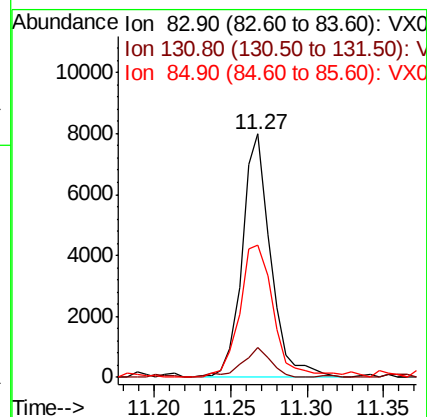
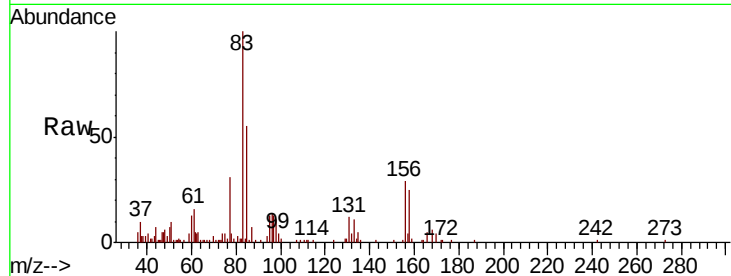
Tgt Ion: 83 Resp: 10327

Ion Ratio Lower Upper

83 100

131 12.4 5.7 17.1

85 65.8 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 1.229 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006948.D

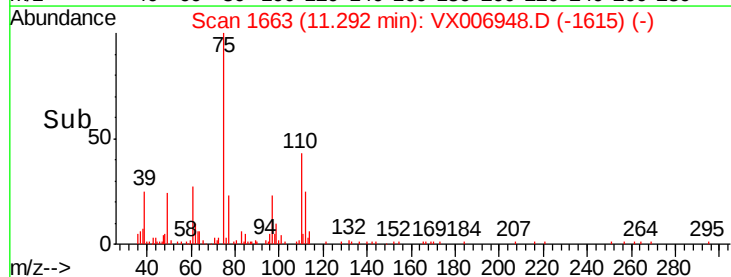
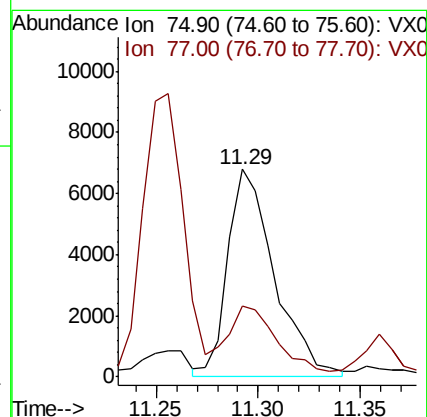
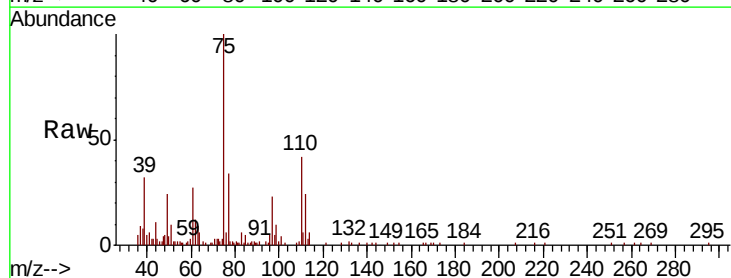
Acq: 08 Jan 2019 11:32

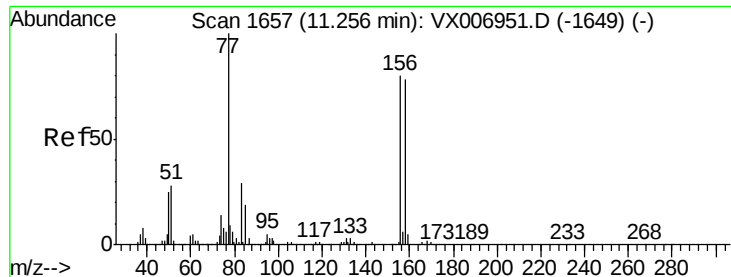
Tgt Ion: 75 Resp: 10813

Ion Ratio Lower Upper

75 100

77 34.4 18.5 55.5





#77

Bromobenzene

Concen: 1.155 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

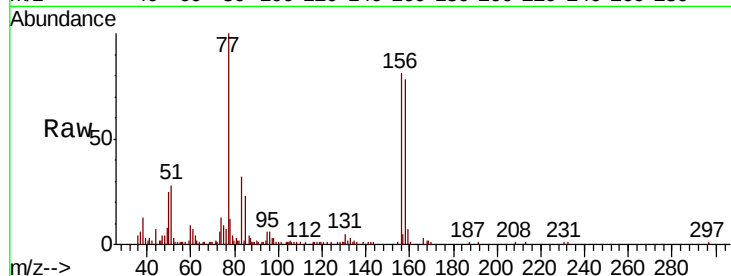
Tgt Ion: 156 Resp: 9743

Ion Ratio Lower Upper

156 100

77 136.6 68.0 204.0

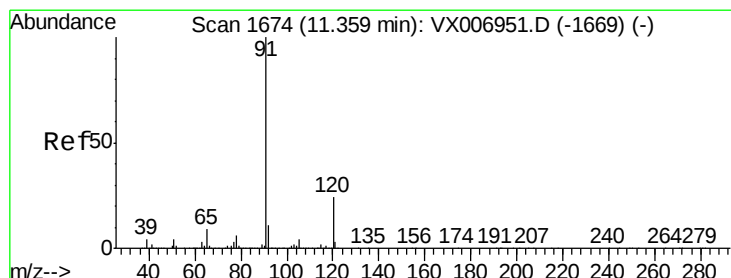
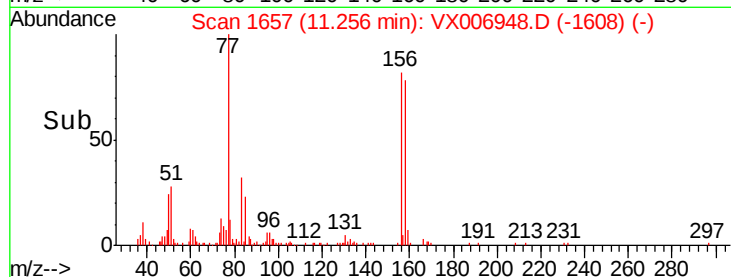
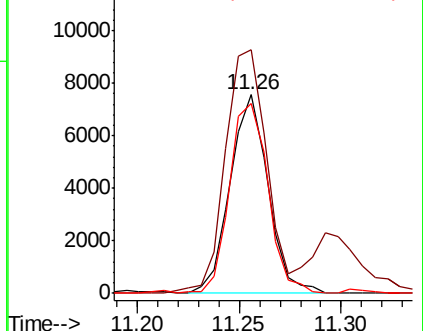
158 97.1 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.067 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006948.D

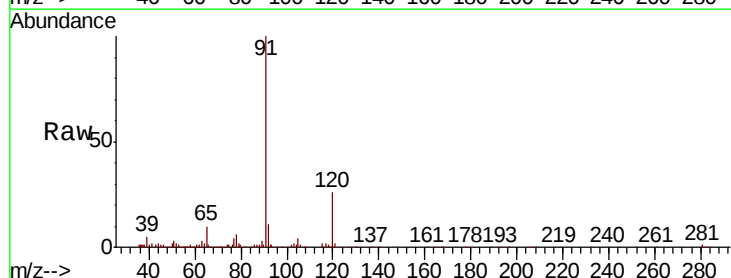
Acq: 08 Jan 2019 11:32

Tgt Ion: 91 Resp: 35832

Ion Ratio Lower Upper

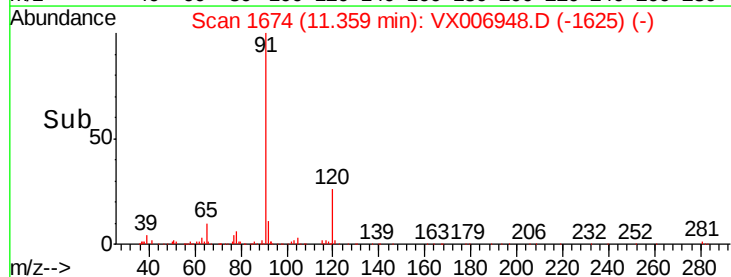
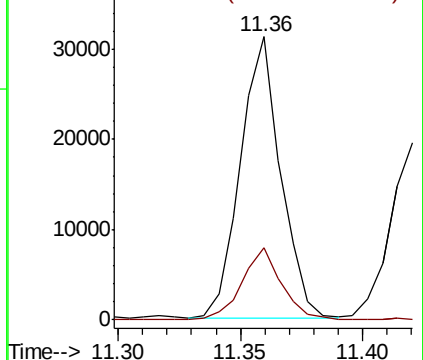
91 100

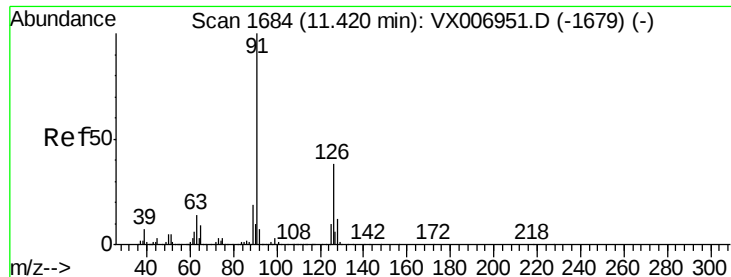
120 25.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.179 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

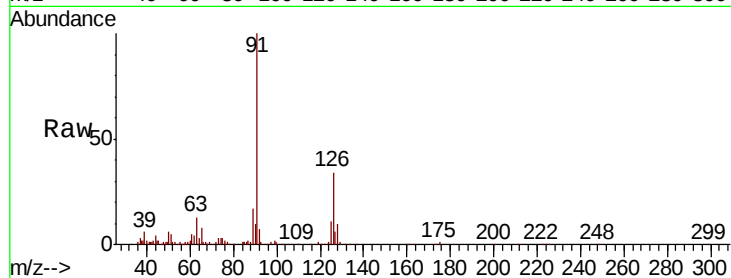
VSTDIC001

Tgt Ion: 91 Resp: 23846

Ion Ratio Lower Upper

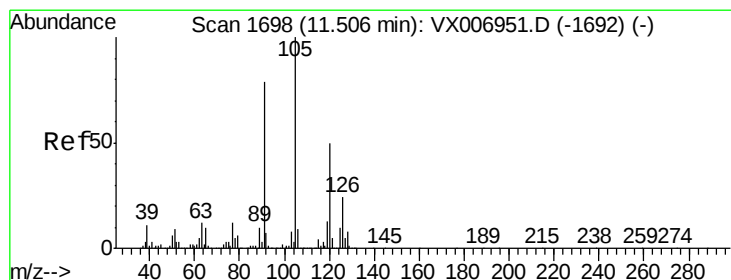
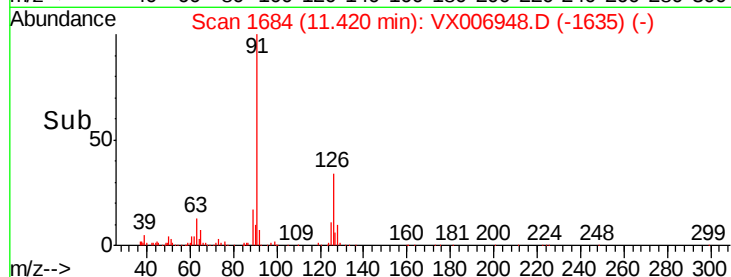
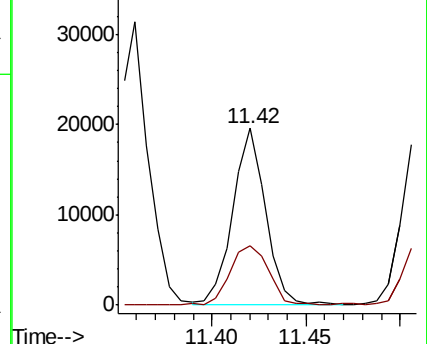
91 100

126 39.4 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.123 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006948.D

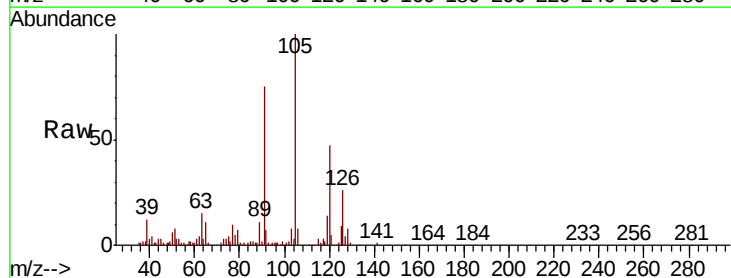
Acq: 08 Jan 2019 11:32

Tgt Ion: 105 Resp: 28729

Ion Ratio Lower Upper

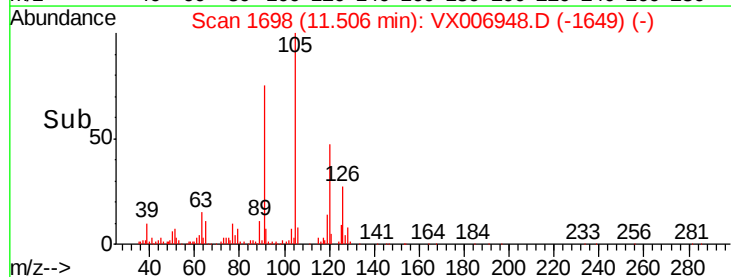
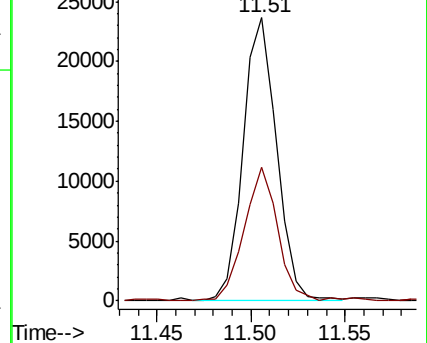
105 100

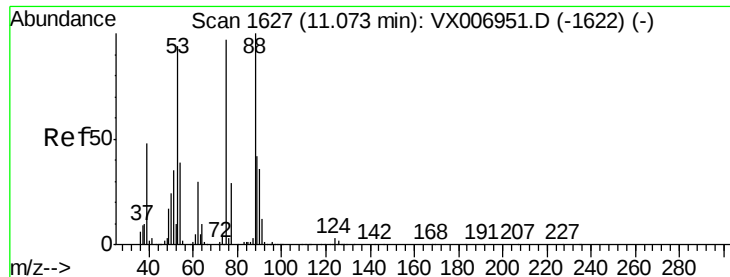
120 47.5 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

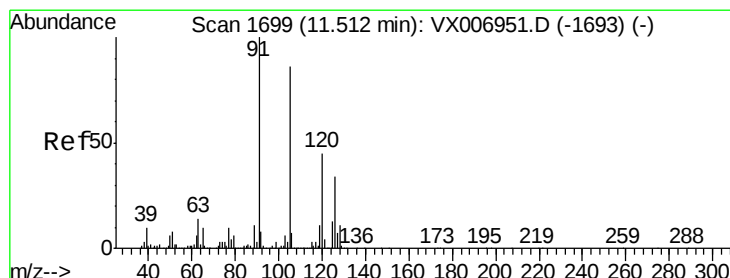
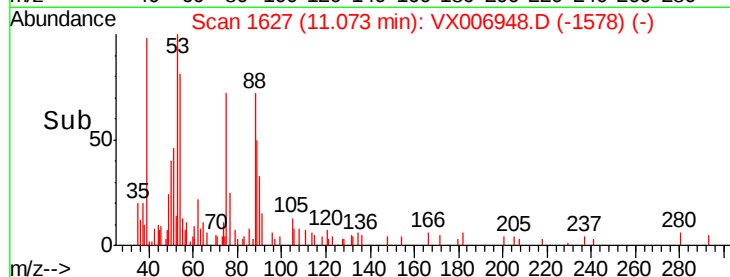
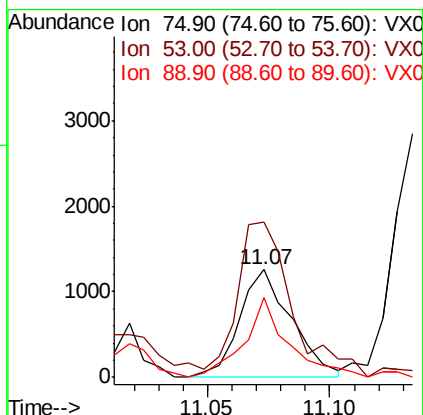
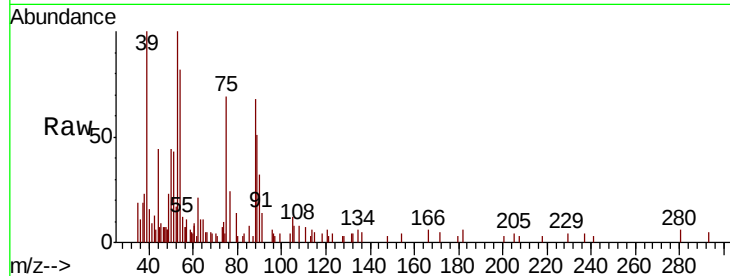




#81
trans-1,4-Dichloro-2-butene
Concen: 4.374 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

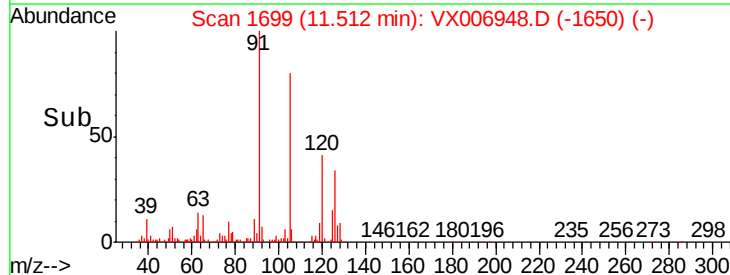
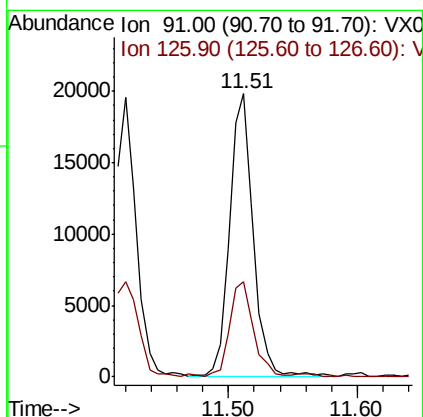
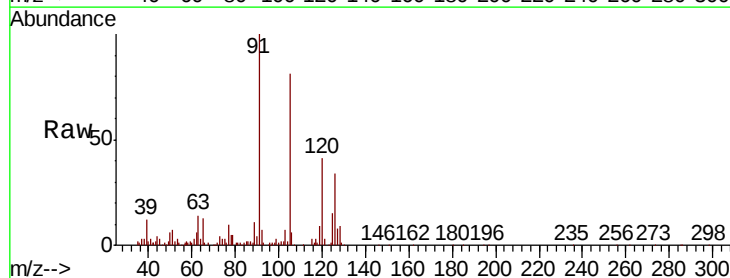
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 1864
Ion Ratio Lower Upper
75 100
53 151.9 79.7 119.5#
89 63.2 38.0 57.0#



#82
4-Chlorotoluene
Concen: 1.092 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Tgt Ion: 91 Resp: 25576
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.9





#83

tert-Butylbenzene

Concen: 1.086 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

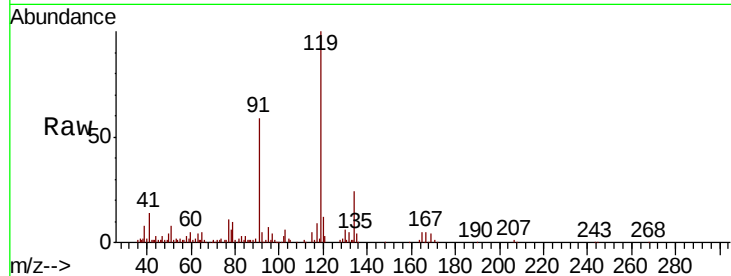
Tgt Ion:119 Resp: 27720

Ion Ratio Lower Upper

119 100

91 55.8 27.7 83.1

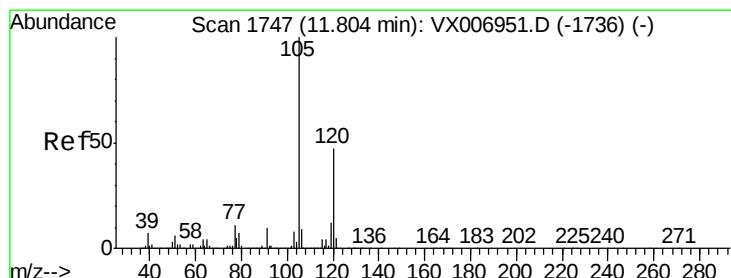
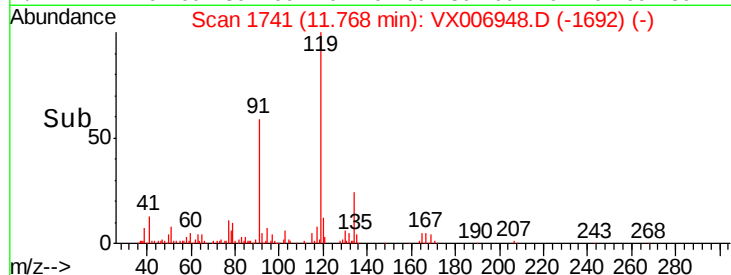
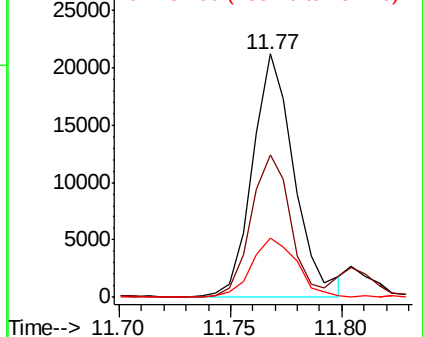
134 26.2 11.9 35.5



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



#84

1,2,4-Trimethylbenzene

Concen: 1.064 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006948.D

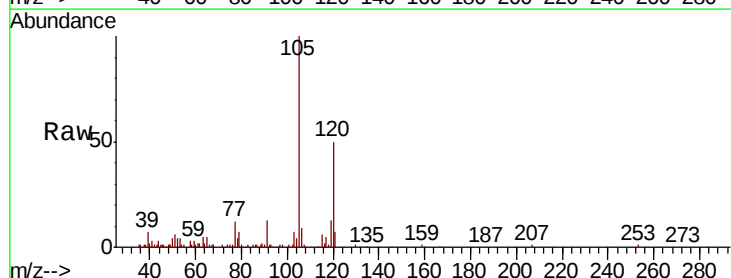
Acq: 08 Jan 2019 11:32

Tgt Ion:105 Resp: 27351

Ion Ratio Lower Upper

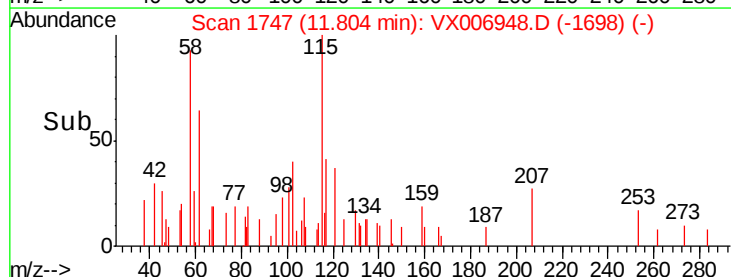
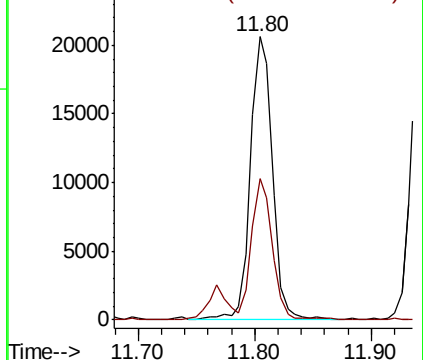
105 100

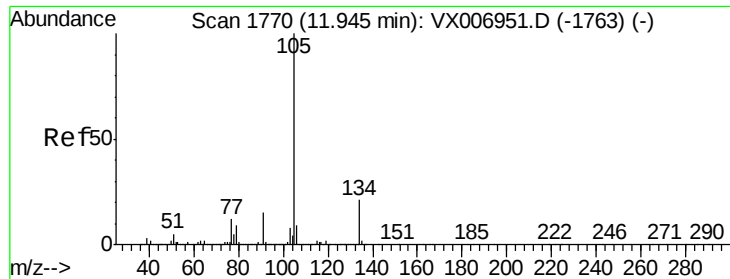
120 45.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.113 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

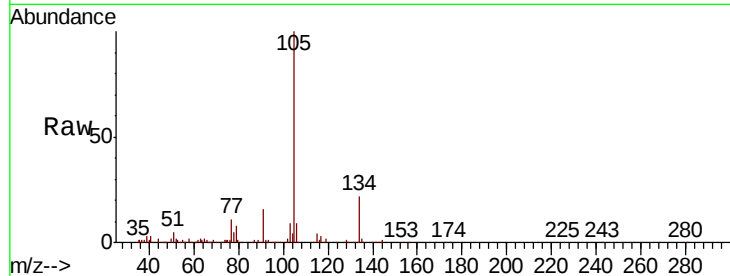
VSTDIC001

Tgt Ion:105 Resp: 33900

Ion Ratio Lower Upper

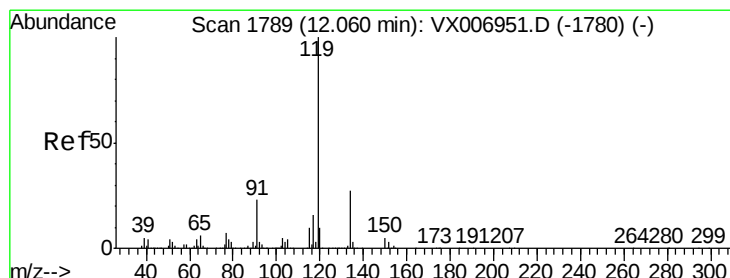
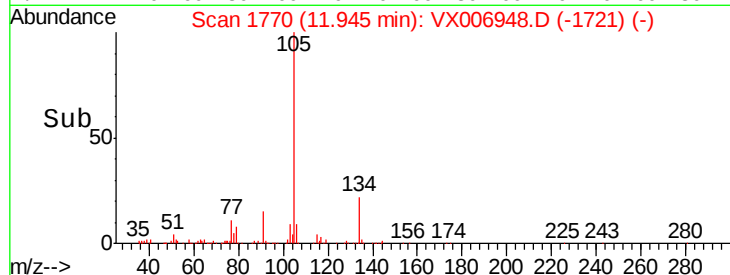
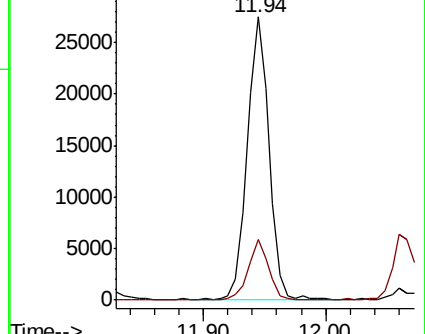
105 100

134 20.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.087 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

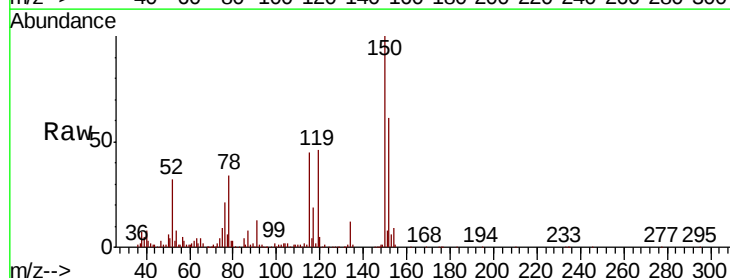
Tgt Ion:119 Resp: 29622

Ion Ratio Lower Upper

119 100

134 27.9 14.0 41.9

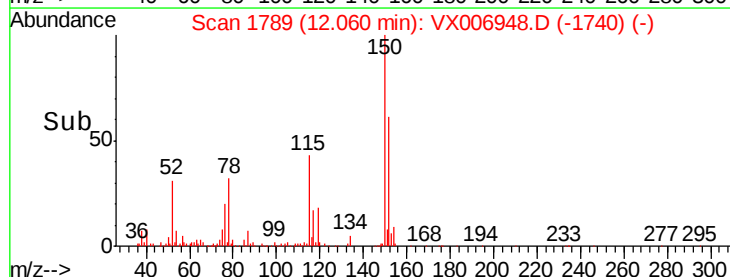
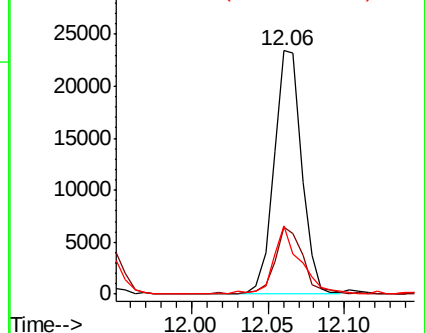
91 27.3 11.3 33.9



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

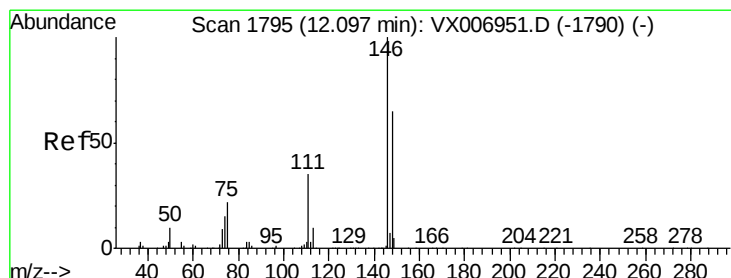
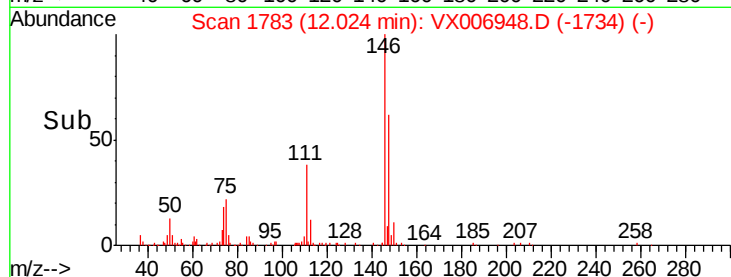
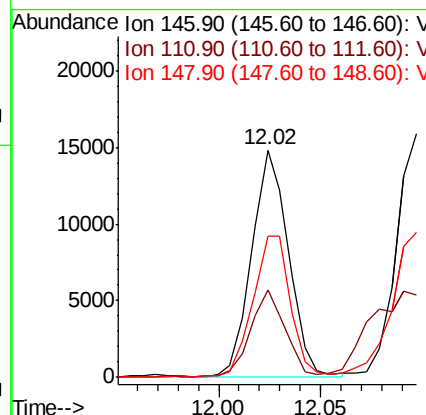
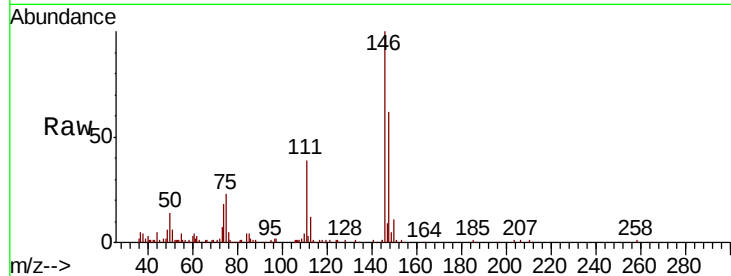




#87
 1,3-Dichlorobenzene
 Concen: 1.225 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006948.D
 Acq: 08 Jan 2019 11:32

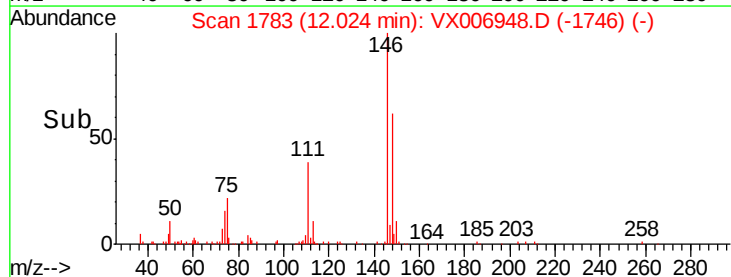
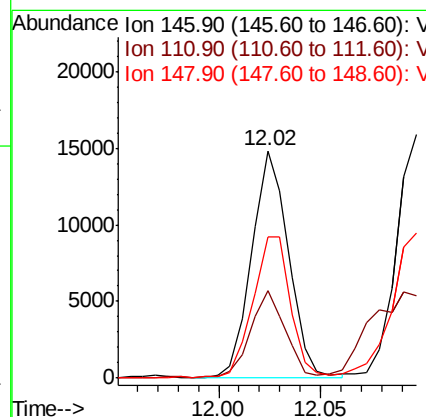
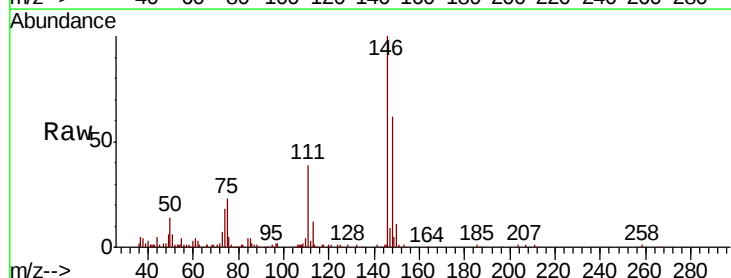
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

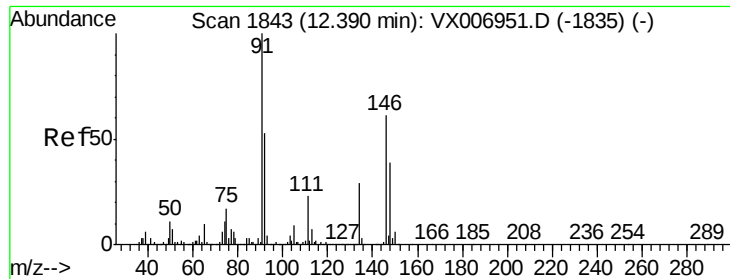
Tgt Ion:146 Resp: 18673
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.6 55.8
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 1.434 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX006948.D
 Acq: 08 Jan 2019 11:32

Tgt Ion:146 Resp: 18673
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.1
 148 64.0 31.9 95.9

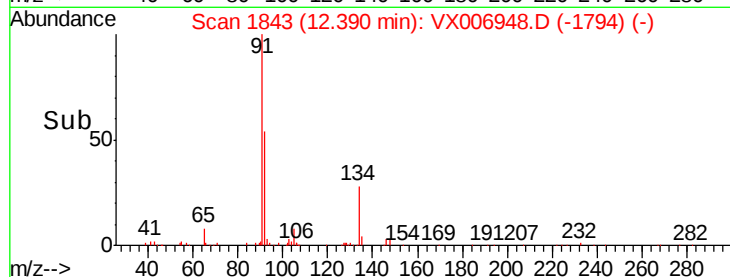
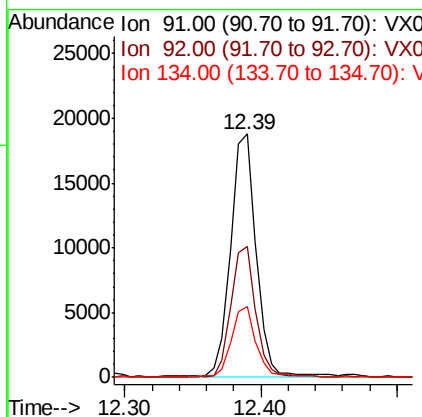
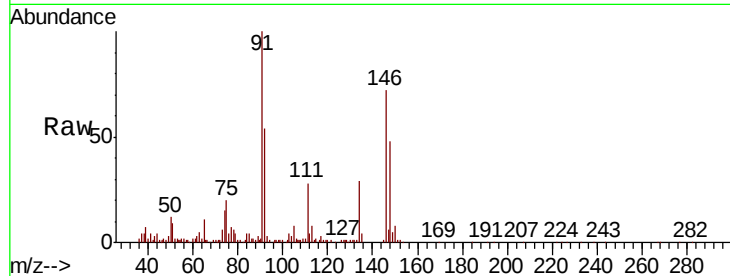




#89
n-Butylbenzene
Concen: 1.064 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

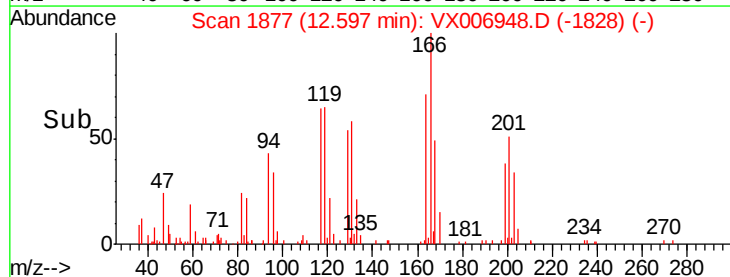
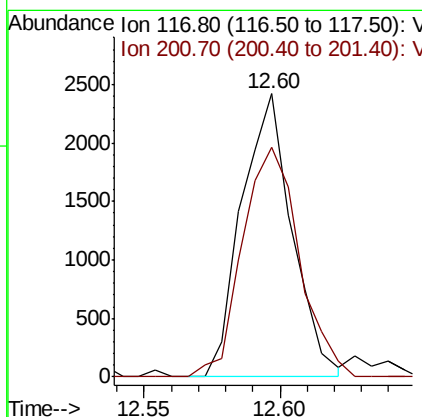
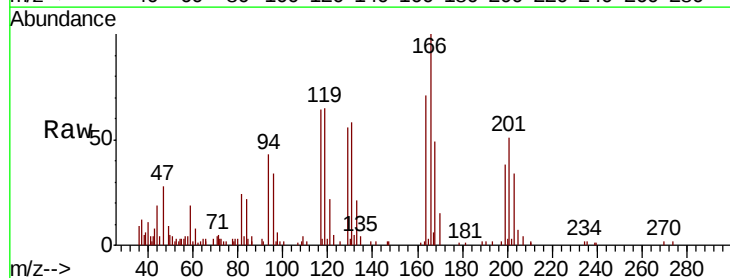
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

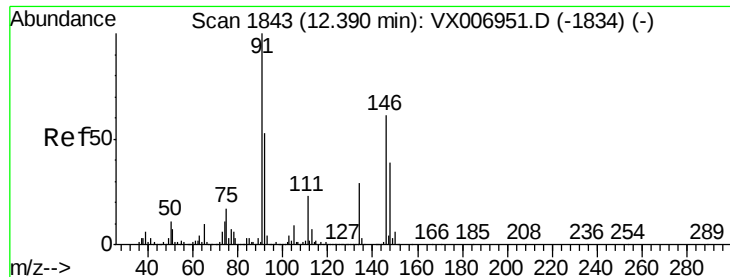
Tgt Ion: 91 Resp: 24713
Ion Ratio Lower Upper
91 100
92 50.7 26.8 80.4
134 28.8 14.4 43.2



#90
Hexachloroethane
Concen: 3.580 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Tgt Ion: 117 Resp: 3103
Ion Ratio Lower Upper
117 100
201 91.4 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 1.161 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

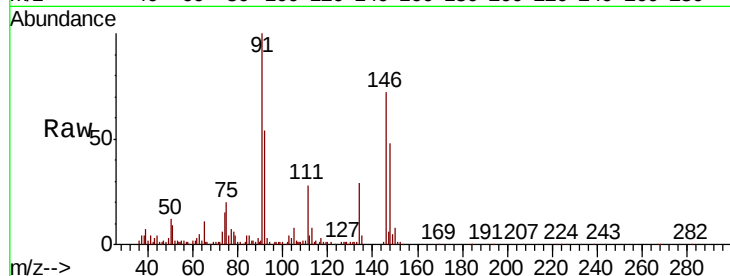
Tgt Ion:146 Resp: 17456

Ion Ratio Lower Upper

146 100

111 43.0 19.4 58.2

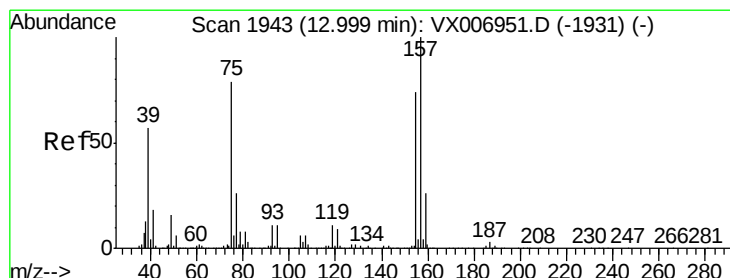
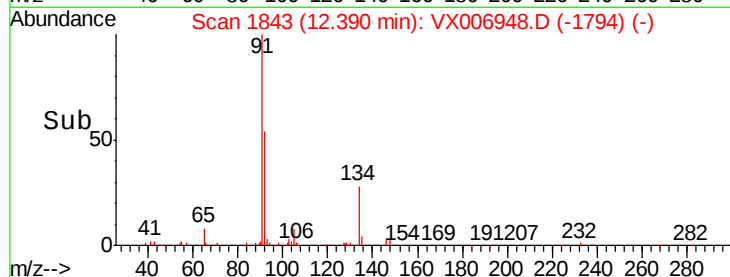
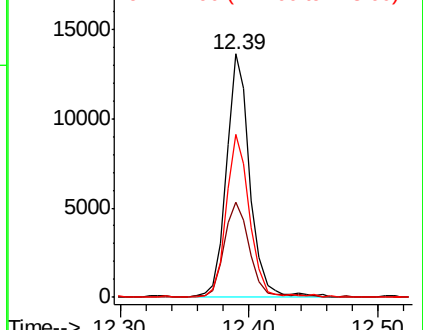
148 66.0 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.978 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

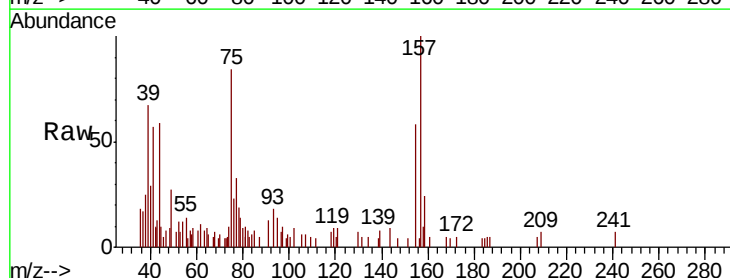
Tgt Ion: 75 Resp: 1880

Ion Ratio Lower Upper

75 100

155 95.9 50.6 151.8

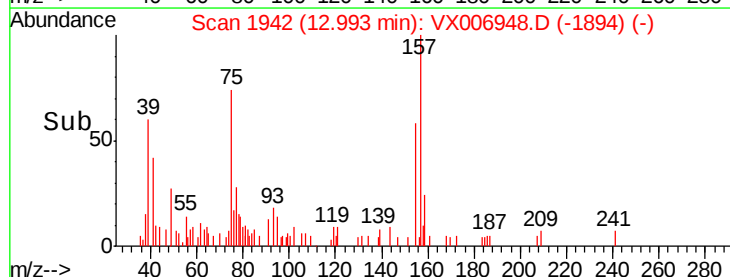
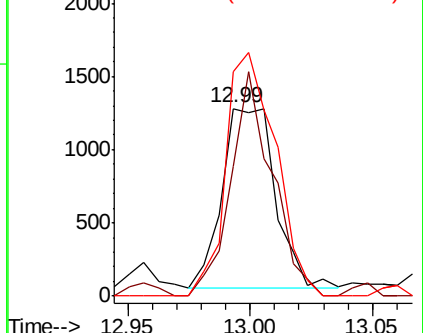
157 125.4 64.6 193.8

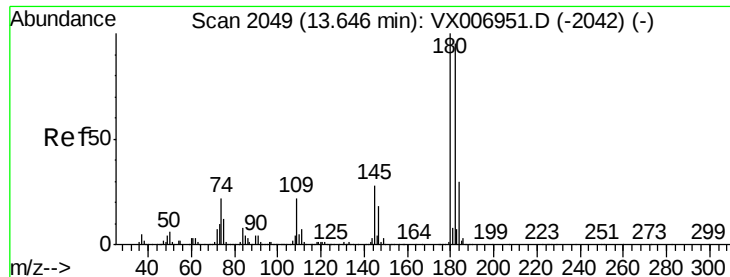


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

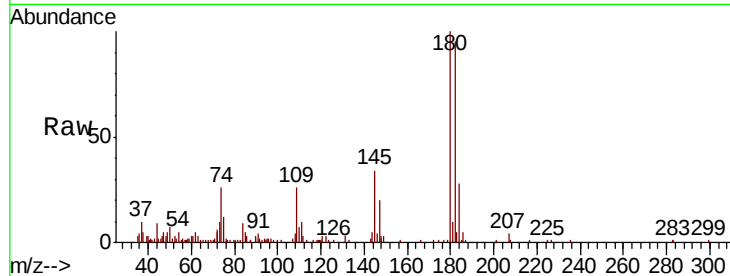




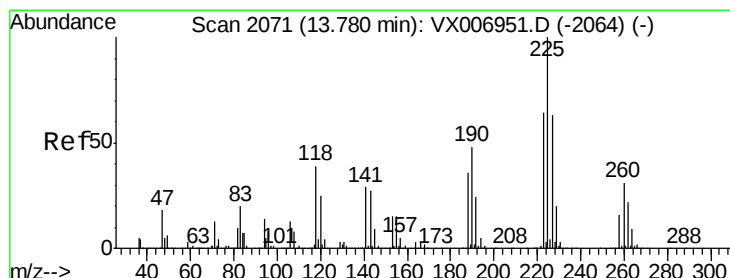
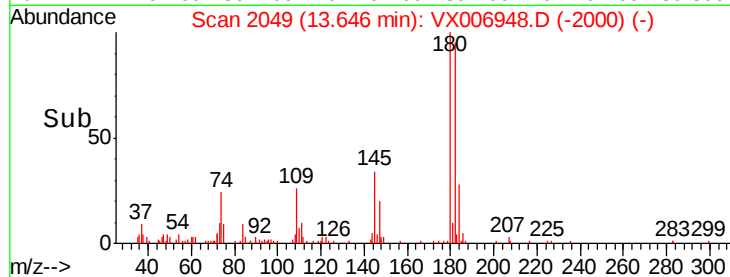
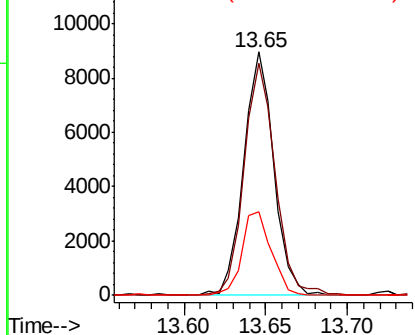
#93
 1,2,4-Trichlorobenzene
 Concen: 1.123 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006948.D
 Acq: 08 Jan 2019 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 11590
 Ion Ratio Lower Upper
 180 100
 182 98.3 47.3 142.0
 145 33.4 14.8 44.3

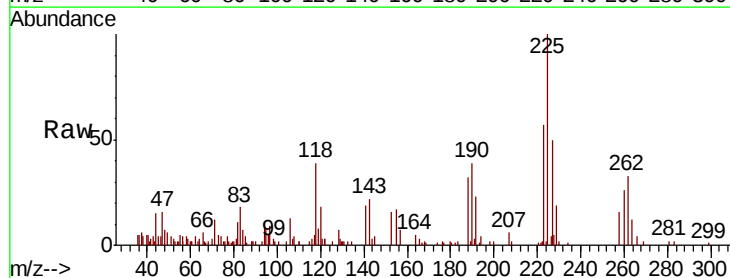


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

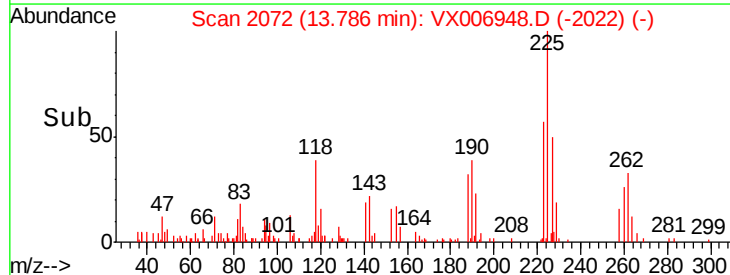
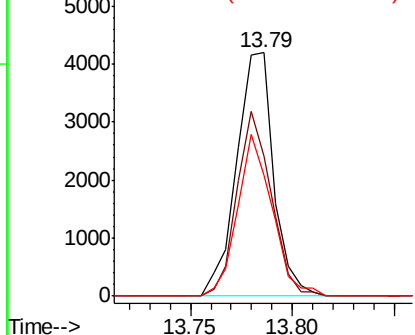


#94
 Hexachlorobutadiene
 Concen: 1.161 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006948.D
 Acq: 08 Jan 2019 11:32

Tgt Ion:225 Resp: 5316
 Ion Ratio Lower Upper
 225 100
 223 69.5 32.1 96.3
 227 61.8 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

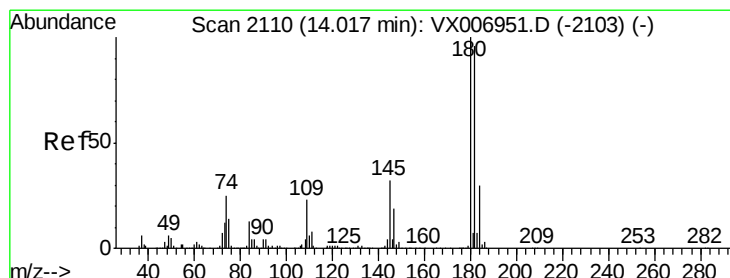
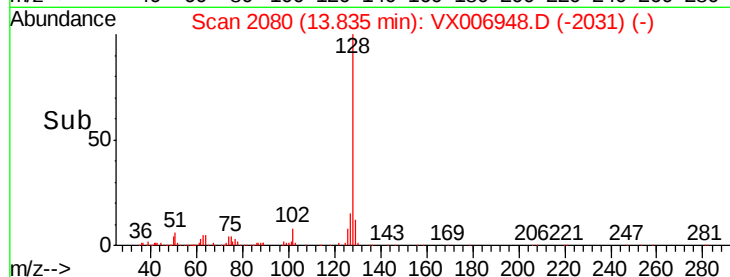
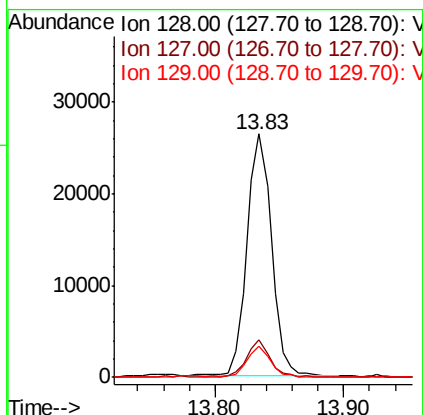
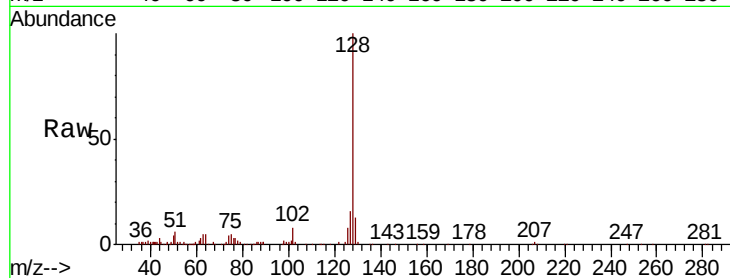




#95
Naphthalene
Concen: 1.109 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 34682
Ion Ratio Lower Upper
128 100
127 15.0 10.1 15.1
129 12.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.147 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006948.D
Acq: 08 Jan 2019 11:32

Tgt Ion:180 Resp: 11759
Ion Ratio Lower Upper
180 100
182 95.5 48.5 145.5
145 33.1 16.0 47.9

