

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008606.D
 Acq On : 03 Apr 2019 09:56
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 04 04:09:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	230174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155661	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	18382	5.48	ug/l	0.00
Spiked Amount			Recovery	=	10.96%	
35) Dibromofluoromethane	5.50	113	13065	5.28	ug/l	0.00
Spiked Amount			Recovery	=	10.56%	
50) Toluene-d8	8.71	98	51612	5.24	ug/l	0.00
Spiked Amount			Recovery	=	10.48%	
62) 4-Bromofluorobenzene	11.13	95	18284	5.24	ug/l	0.00
Spiked Amount			Recovery	=	10.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	14392	5.432	ug/l	98
3) Chloromethane	1.32	50	21230	5.800	ug/l	98
4) Vinyl Chloride	1.41	62	20277	5.661	ug/l	97
5) Bromomethane	1.64	94	8865	4.641	ug/l	95
6) Chloroethane	1.71	64	11948	4.748	ug/l	100
7) Trichlorofluoromethane	1.92	101	22244	5.618	ug/l	99
8) Diethyl Ether	2.18	74	10479	5.581	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	13968	5.480	ug/l	98
10) Methyl Iodide	2.51	142	8595	4.091	ug/l	99
11) Tert butyl alcohol	3.06	59	21585	27.463	ug/l	99
12) 1,1-Dichloroethene	2.37	96	14046	5.278	ug/l	97
13) Acrolein	2.29	56	11478	29.452	ug/l	100
14) Allyl chloride	2.73	41	32760	5.378	ug/l	99
15) Acrylonitrile	3.14	53	58269	27.985	ug/l	98
16) Acetone	2.45	43	53380	27.606	ug/l	99
17) Carbon Disulfide	2.56	76	42983	5.029	ug/l	100
18) Methyl Acetate	2.78	43	26144	5.575	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	53819	5.663	ug/l	96
20) Methylene Chloride	2.85	84	18317	5.659	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	15951	5.542	ug/l	89
22) Diisopropyl ether	3.86	45	67178	5.722	ug/l	99
23) Vinyl Acetate	3.81	43	283299	27.736	ug/l	100
24) 1,1-Dichloroethane	3.70	63	32553	5.600	ug/l	100
25) 2-Butanone	4.68	43	86227	28.214	ug/l	99
26) 2,2-Dichloropropane	4.58	77	22137	5.407	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	18195	5.498	ug/l	98
28) Bromochloromethane	5.01	49	15249	5.527	ug/l	100
29) Tetrahydrofuran	5.13	42	56332	27.771	ug/l	99
30) Chloroform	5.21	83	29392	5.661	ug/l	99
31) Cyclohexane	5.58	56	33040	5.696	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	22807	5.436	ug/l	98
36) 1,1-Dichloropropene	5.80	75	22439	5.308	ug/l	97
37) Ethyl Acetate	4.84	43	30549	5.414	ug/l	97
38) Carbon Tetrachloride	5.79	117	18998	5.430	ug/l	98

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 Data File : VX008606.D
 Acq On : 03 Apr 2019 09:56
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 04 04:09:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	28927	5.539	ug/l	98
40) Benzene	6.14	78	70547	5.602	ug/l	100
41) Methacrylonitrile	5.04	41	18133	5.591	ug/l	98
42) 1,2-Dichloroethane	6.20	62	25904	5.737	ug/l	99
43) Isopropyl Acetate	6.45	43	48478	5.484	ug/l	100
44) Trichloroethene	7.21	130	16448	5.607	ug/l	96
45) 1,2-Dichloropropane	7.51	63	19888	5.533	ug/l	96
46) Dibromomethane	7.66	93	11551	5.540	ug/l	96
47) Bromodichloromethane	7.90	83	21206	5.395	ug/l	99
48) Methyl methacrylate	7.77	41	24455	5.469	ug/l	99
49) 1,4-Dioxane	7.74	88	9527	113.738	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	165727	29.125	ug/l	99
52) Toluene	8.78	92	42109	5.671	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	22196	5.041	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	26404	5.248	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	16975	5.696	ug/l	99
56) Ethyl methacrylate	9.18	69	30150	5.591	ug/l	99
57) 1,3-Dichloropropane	9.37	76	30517	5.702	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	72313	26.262	ug/l	99
59) 2-Hexanone	9.49	43	128378	29.030	ug/l	100
60) Dibromochloromethane	9.58	129	14950	5.323	ug/l	99
61) 1,2-Dibromoethane	9.67	107	17381	5.602	ug/l	99
64) Tetrachloroethene	9.34	164	14313	5.582	ug/l	94
65) Chlorobenzene	10.13	112	42818	5.581	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	14405	5.352	ug/l	99
67) Ethyl Benzene	10.25	91	79598	5.564	ug/l	100
68) m/p-Xylenes	10.36	106	57561	11.191	ug/l	100
69) o-Xylene	10.69	106	27883	5.594	ug/l	99
70) Styrene	10.71	104	47347	5.510	ug/l	99
71) Bromoform	10.85	173	10428	5.073	ug/l #	98
73) Isopropylbenzene	11.02	105	74020	5.738	ug/l	99
74) N-amyl acetate	10.90	43	40734	5.367	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	28329	5.774	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	31294	6.800	ug/l	82
77) Bromobenzene	11.26	156	17496	5.642	ug/l	97
78) n-propylbenzene	11.36	91	85844	5.715	ug/l	99
79) 2-Chlorotoluene	11.42	91	52415	5.766	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	61682	5.696	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	7743	4.991	ug/l	87
82) 4-Chlorotoluene	11.51	91	59427	5.648	ug/l	99
83) tert-Butylbenzene	11.77	119	58207	5.587	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	63499	5.791	ug/l	100
85) sec-Butylbenzene	11.94	105	70432	5.692	ug/l	98
86) p-Isopropyltoluene	12.06	119	62796	5.654	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	30698	5.529	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	30777	5.475	ug/l	94
89) n-Butylbenzene	12.38	91	56748	5.448	ug/l	99
90) Hexachloroethane	12.59	117	9654	5.241	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	30768	5.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	5504	5.100	ug/l	97

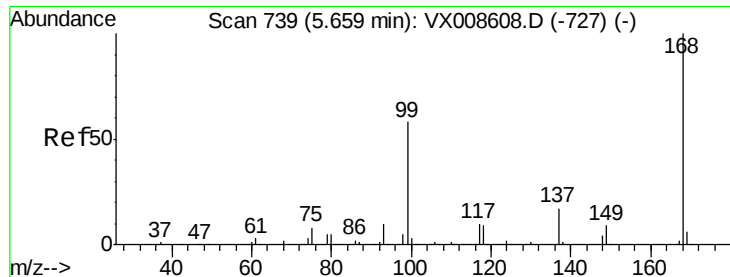
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040319\
Data File : VX008606.D
Acq On : 03 Apr 2019 09:56
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Apr 04 04:09:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:04:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	19536	5.097	ug/l	99
94) Hexachlorobutadiene	13.78	225	10058	5.472	ug/l	98
95) Naphthalene	13.83	128	65925	5.147	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	20179	5.270	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

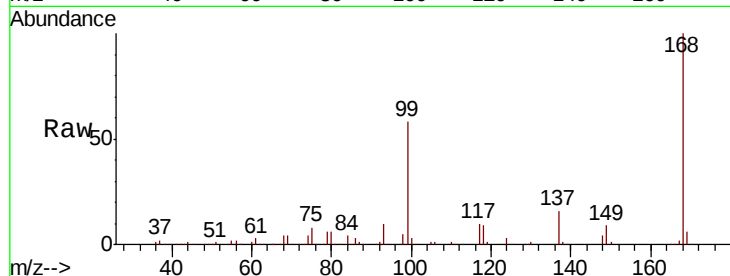
VSTDIC005

Tot Ion:168 Resp: 230174

Ion Ratio Lower Upper

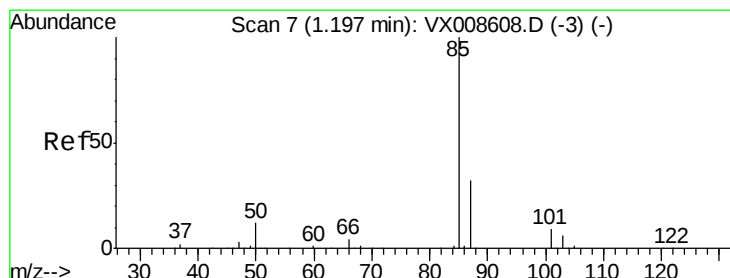
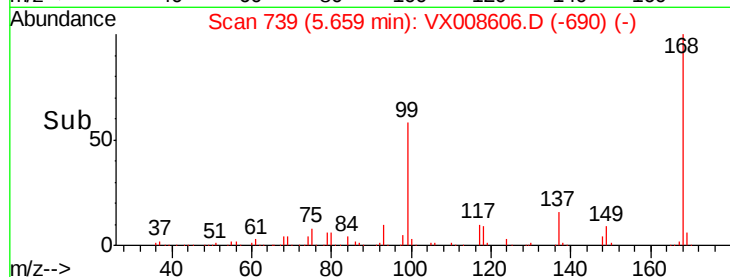
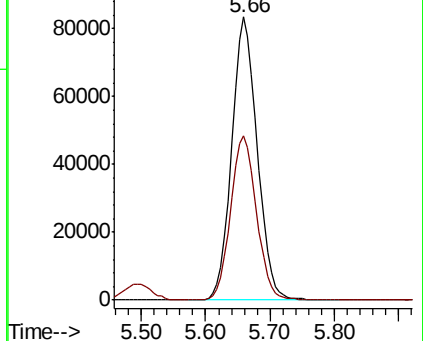
168 100

99 58.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 5.432 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008606.D

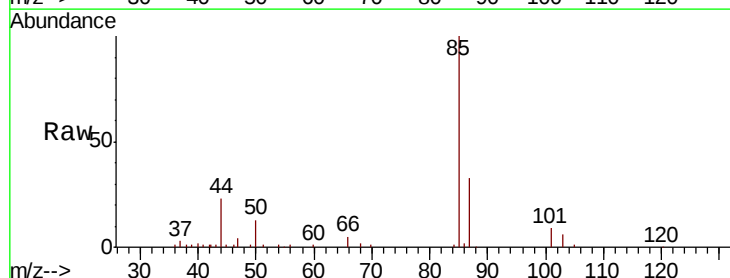
Acq: 03 Apr 2019 09:56

Tgt Ion: 85 Resp: 14392

Ion Ratio Lower Upper

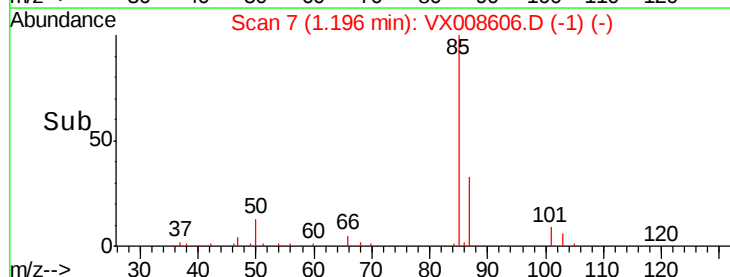
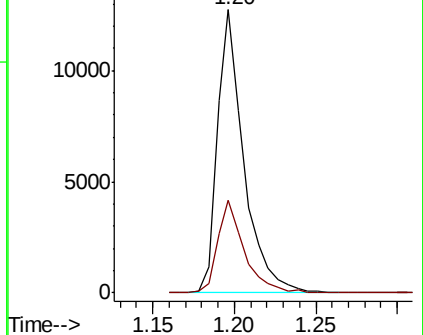
85 100

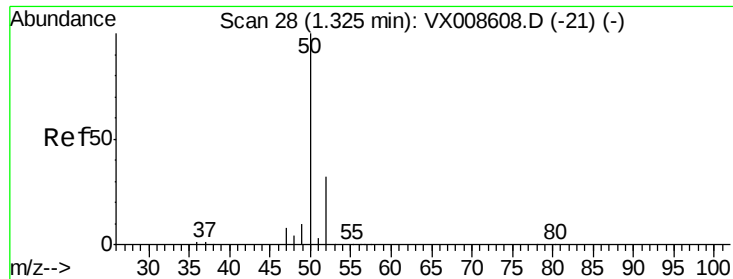
87 32.9 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 5.800 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

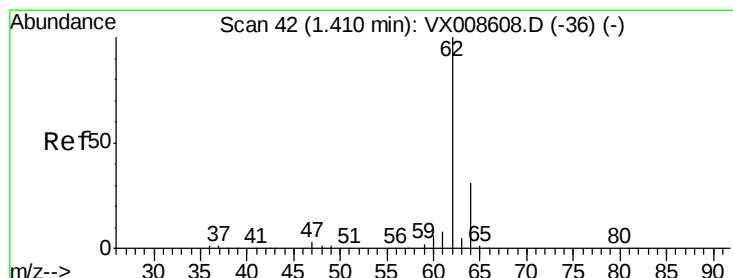
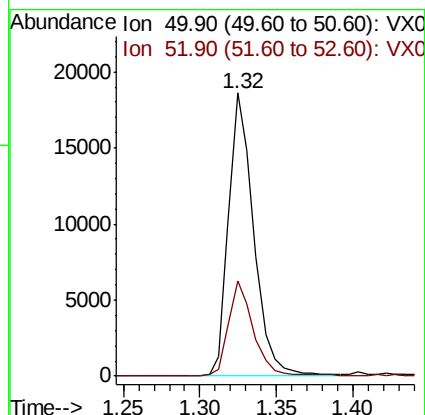
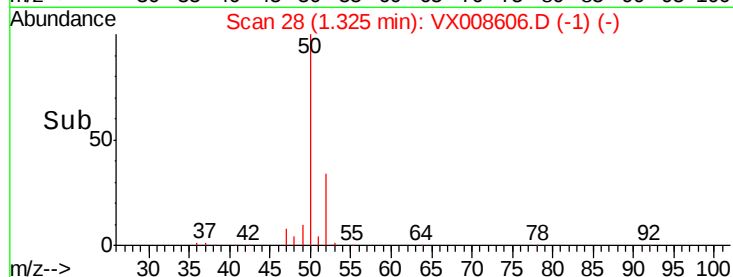
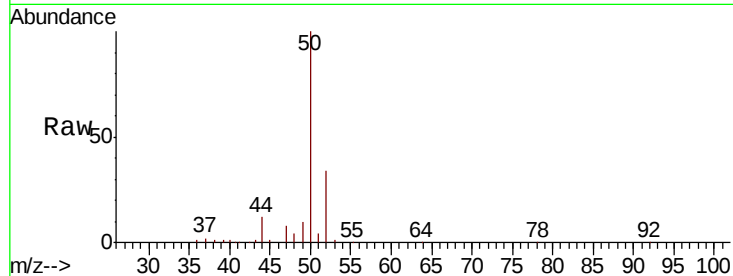
VSTDIC005

Tot Ion: 50 Resp: 21230

Ion Ratio Lower Upper

50 100

52 33.6 25.8 38.8



#4

Vinyl Chloride

Concen: 5.661 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008606.D

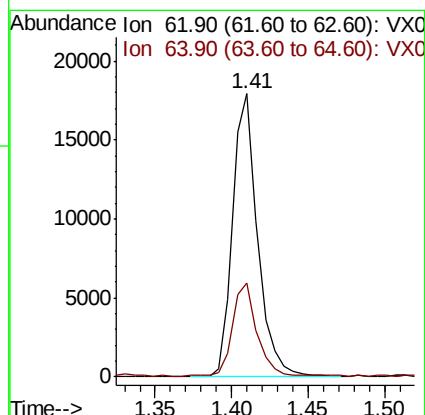
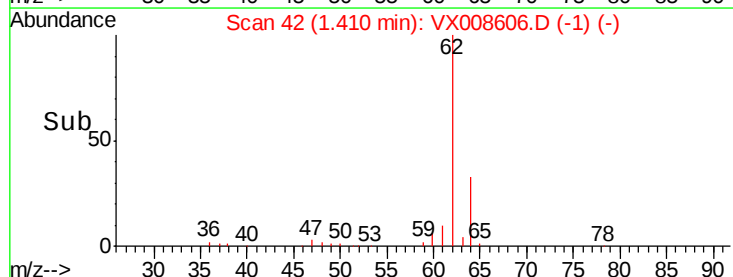
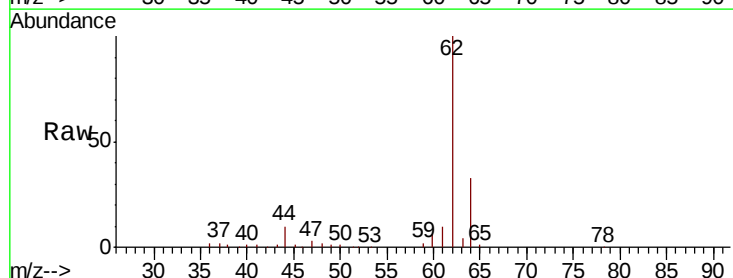
Acq: 03 Apr 2019 09:56

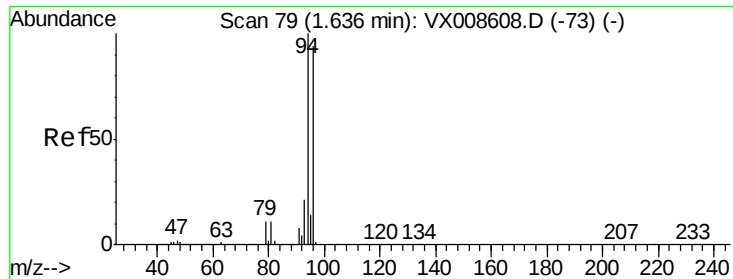
Tgt Ion: 62 Resp: 20277

Ion Ratio Lower Upper

62 100

64 32.6 24.7 37.1





#5

Bromomethane

Concen: 4.641 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

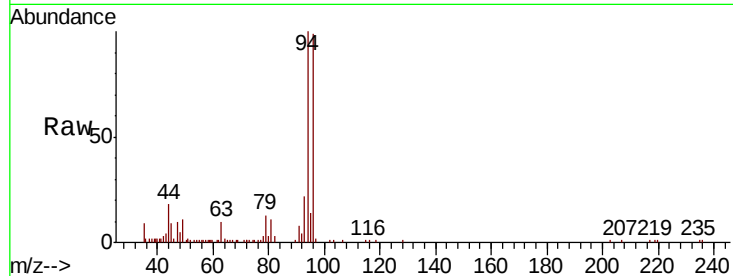
VSTDIC005

Tot Ion: 94 Resp: 8865

Ion Ratio Lower Upper

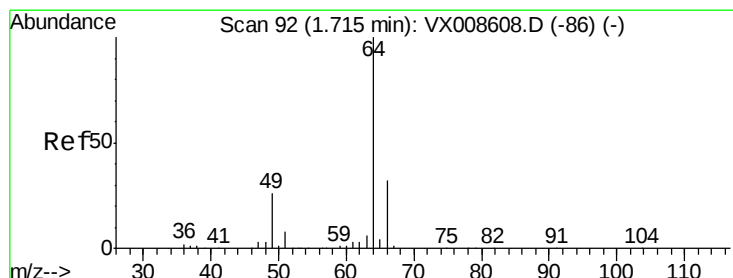
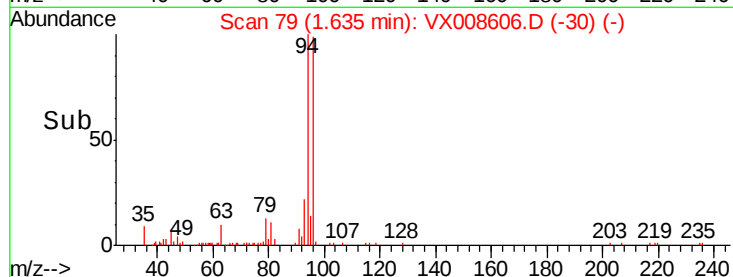
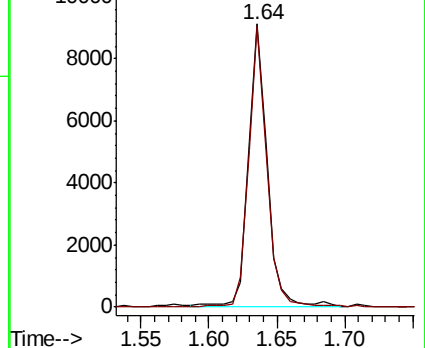
94 100

96 99.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 4.748 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008606.D

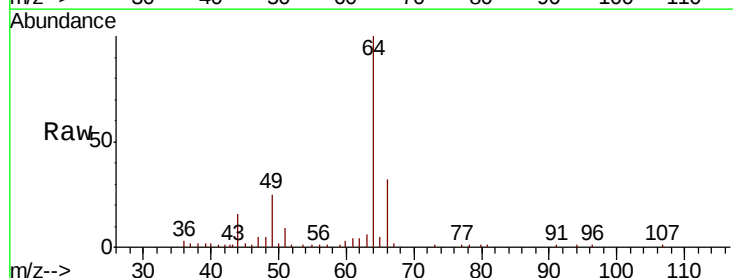
Acq: 03 Apr 2019 09:56

Tgt Ion: 64 Resp: 11948

Ion Ratio Lower Upper

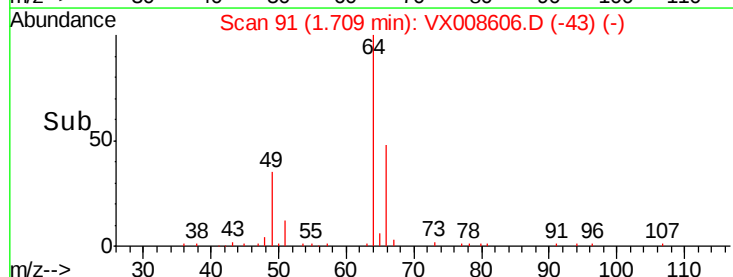
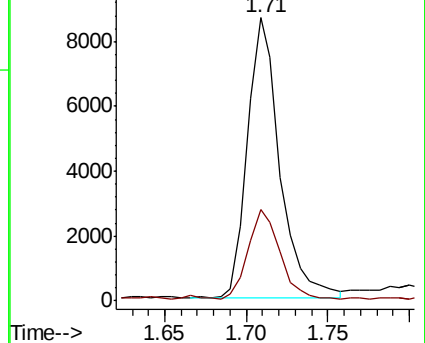
64 100

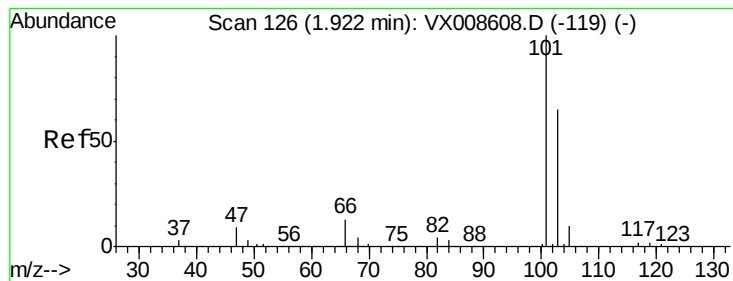
66 32.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 5.618 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

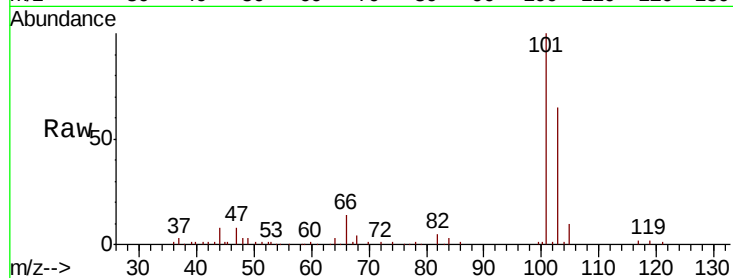
VSTDIC005

Tot Ion:101 Resp: 22244

Ion Ratio Lower Upper

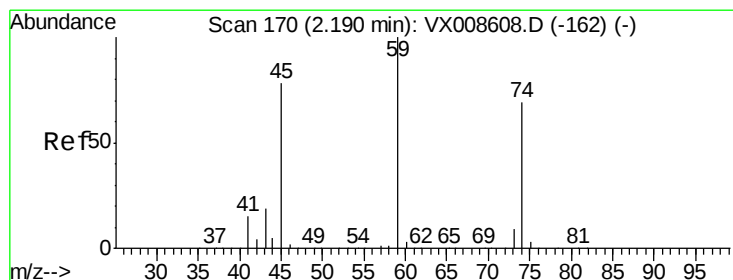
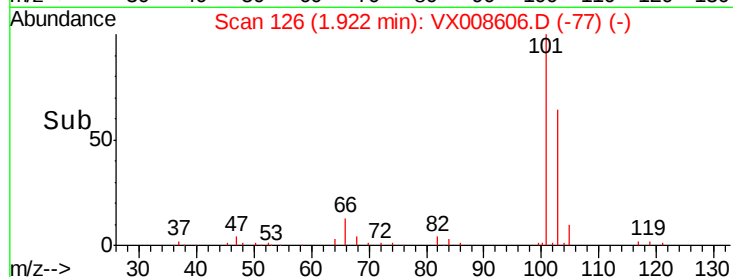
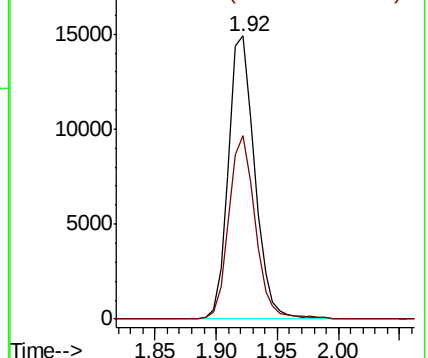
101 100

103 64.7 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.581 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX008606.D

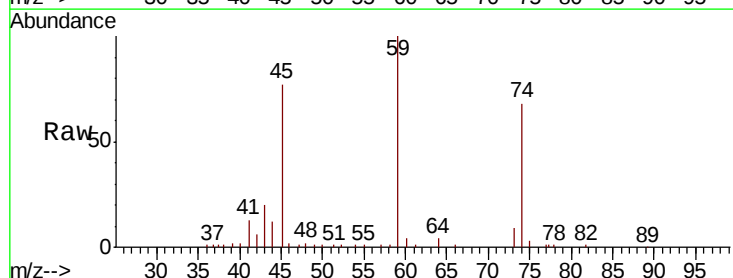
Acq: 03 Apr 2019 09:56

Tgt Ion: 74 Resp: 10479

Ion Ratio Lower Upper

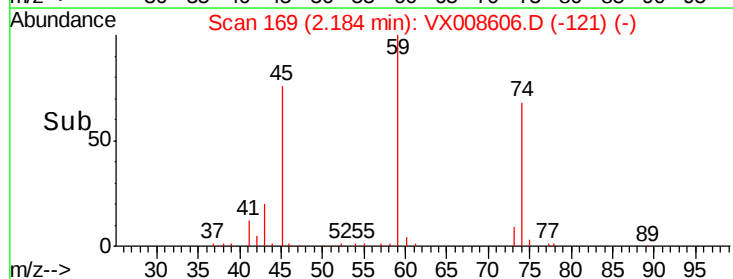
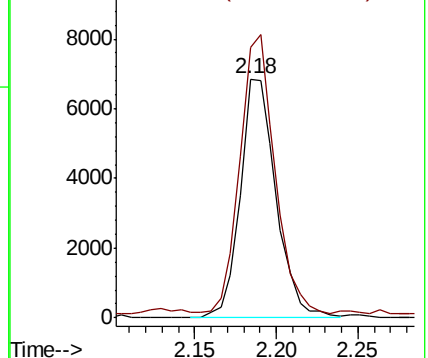
74 100

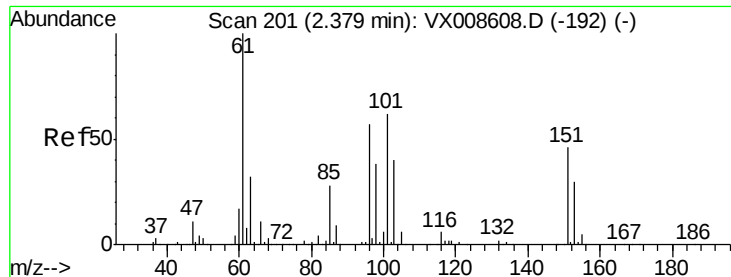
45 113.4 56.5 169.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.480 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

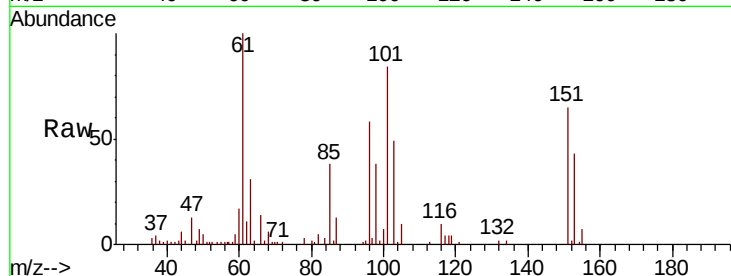
Tot Ion:101 Resp: 13968

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

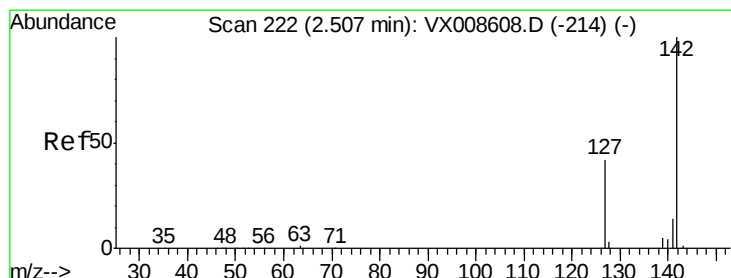
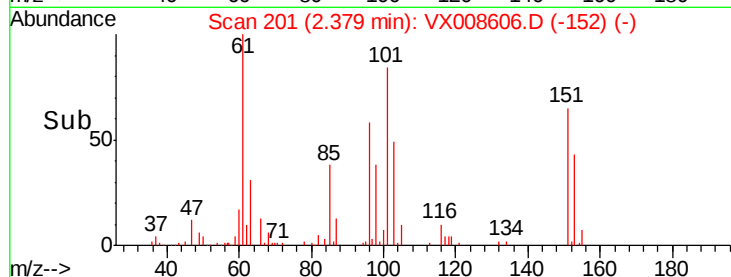
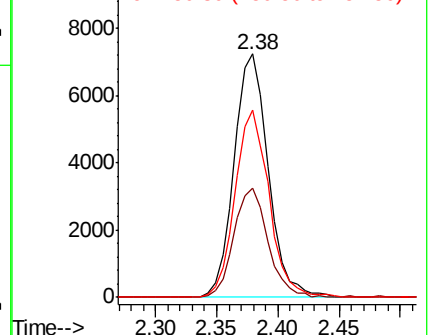
151 77.0 59.9 89.9



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: 4.091 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

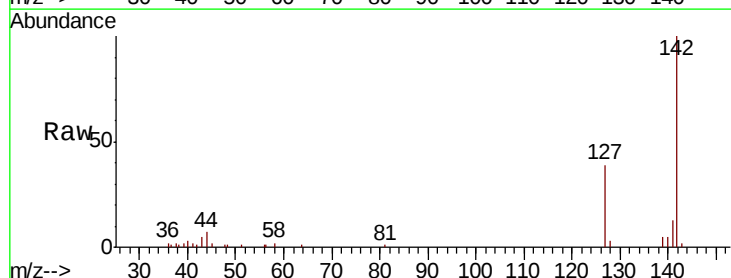
Tgt Ion:142 Resp: 8595

Ion Ratio Lower Upper

142 100

127 41.6 33.0 49.6

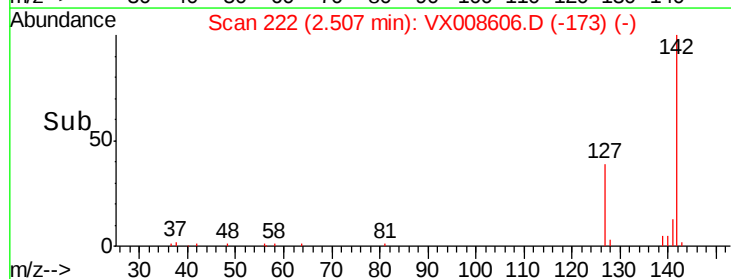
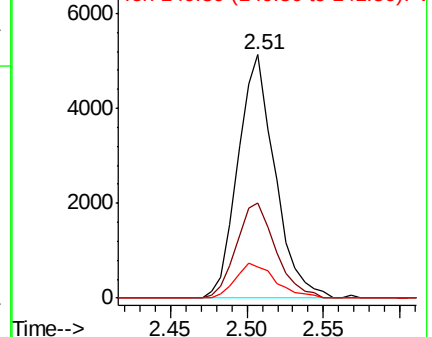
141 15.4 11.4 17.2

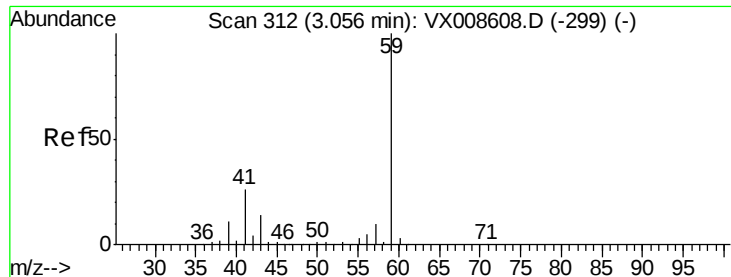


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



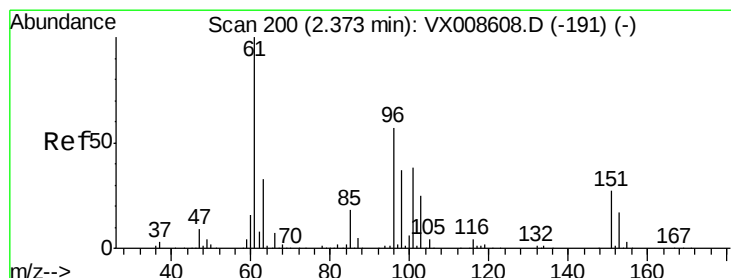
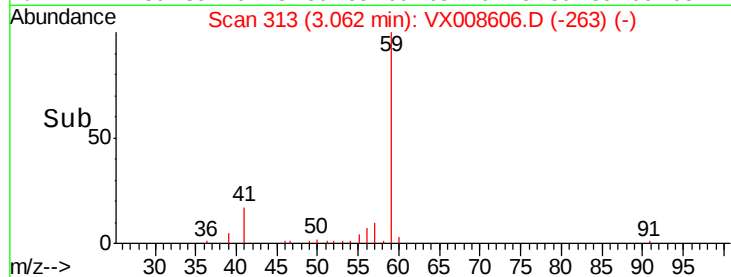
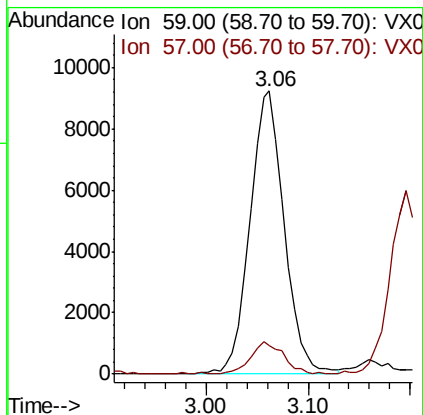
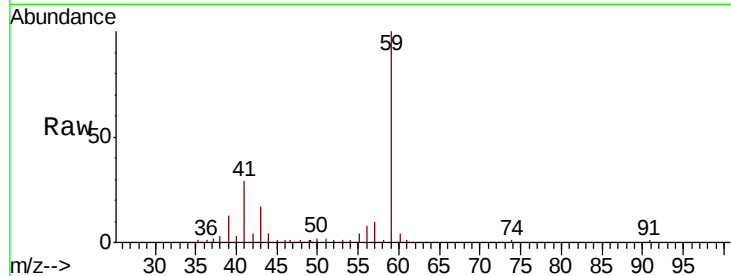


#11

Tert butyl alcohol
 Concen: 27.463 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. 0.01 min
 Lab File: VX008606.D
 Acq: 03 Apr 2019 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

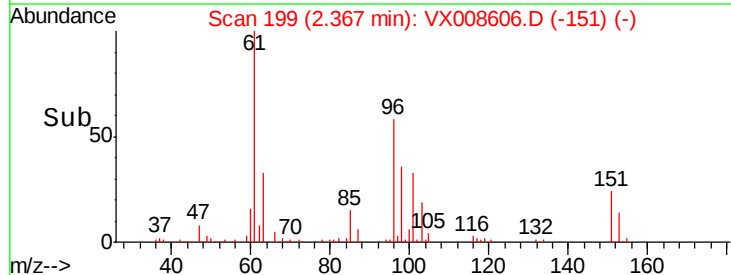
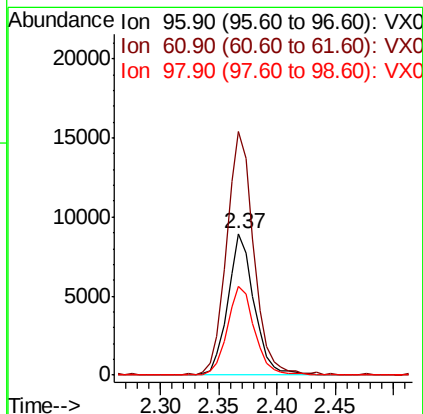
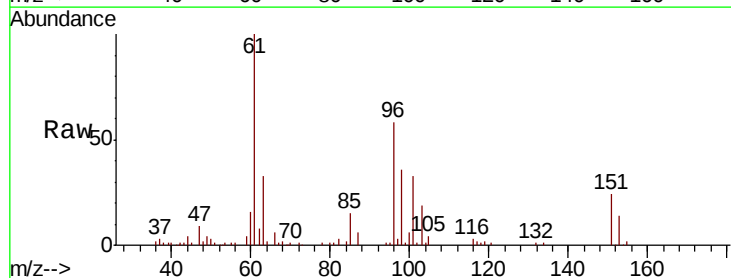
Tot Ion: 59 Resp: 21585
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.3 12.5

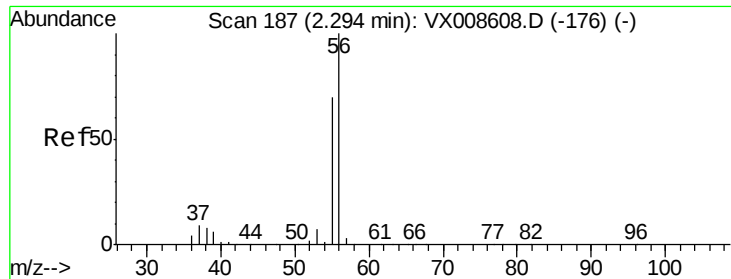


#12

1,1-Dichloroethene
 Concen: 5.278 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008606.D
 Acq: 03 Apr 2019 09:56

Tgt Ion: 96 Resp: 14046
 Ion Ratio Lower Upper
 96 100
 61 172.0 140.9 211.3
 98 62.6 52.1 78.1





#13

Acrolein

Concen: 29.452 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

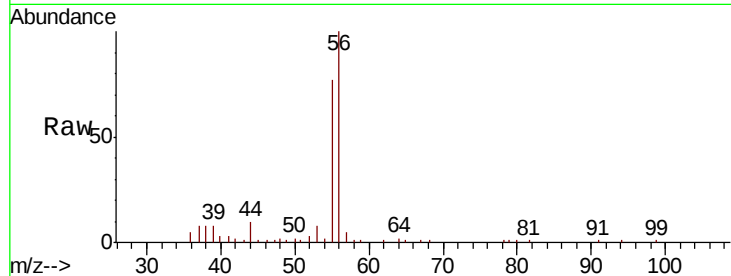
VSTDIC005

Tot Ion: 56 Resp: 11478

Ion Ratio Lower Upper

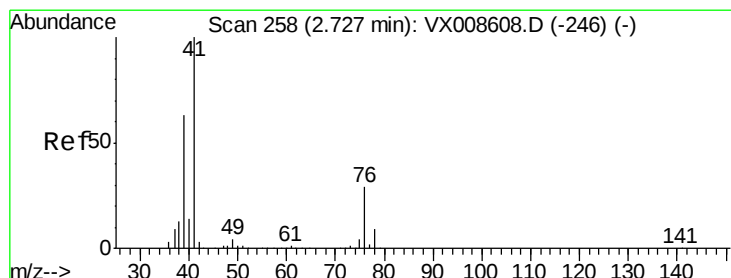
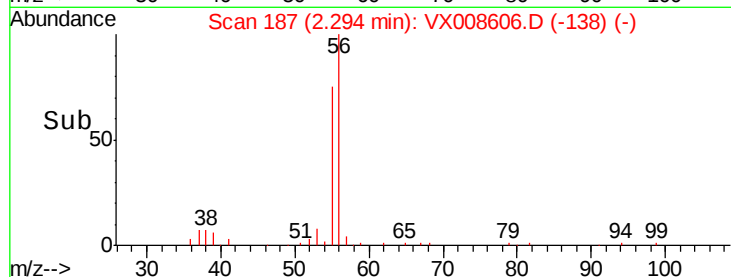
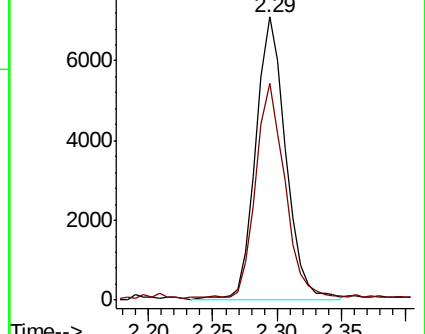
56 100

55 72.6 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 5.378 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

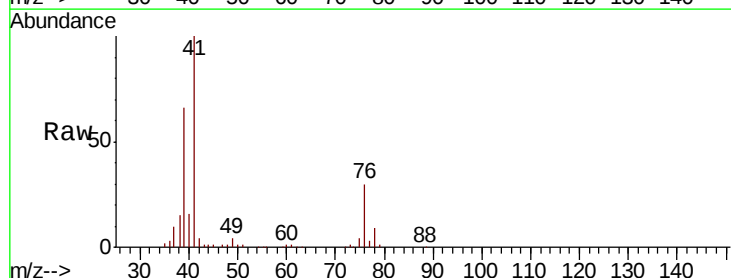
Tgt Ion: 41 Resp: 32760

Ion Ratio Lower Upper

41 100

39 61.0 48.0 72.0

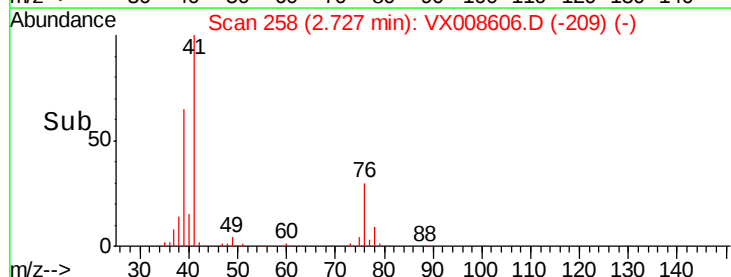
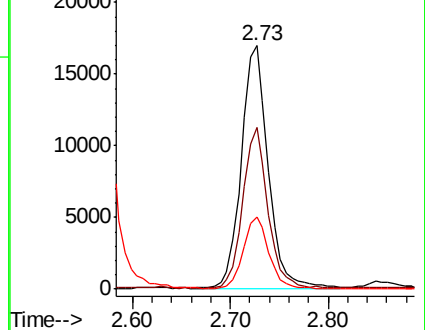
76 28.1 22.0 33.0

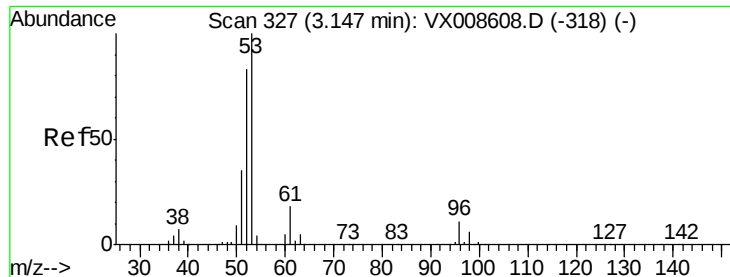


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 27.985 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

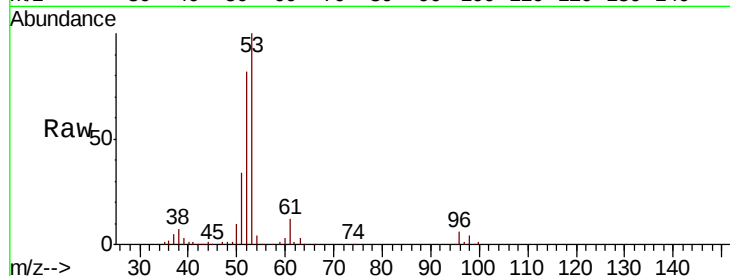
Tot Ion: 53 Resp: 58269

Ion Ratio Lower Upper

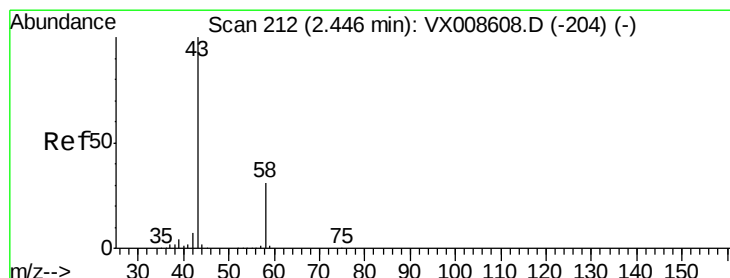
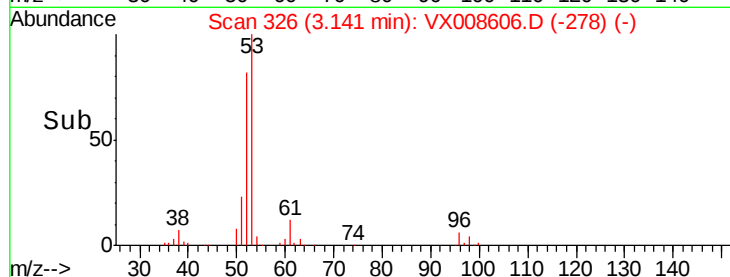
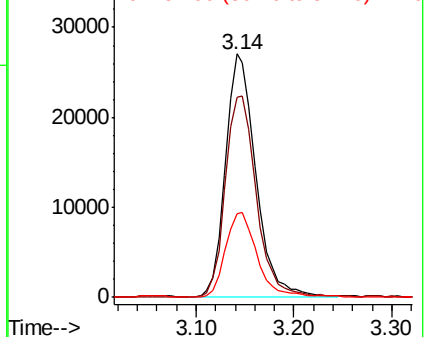
53 100

52 85.2 66.5 99.7

51 36.5 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 27.606 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008606.D

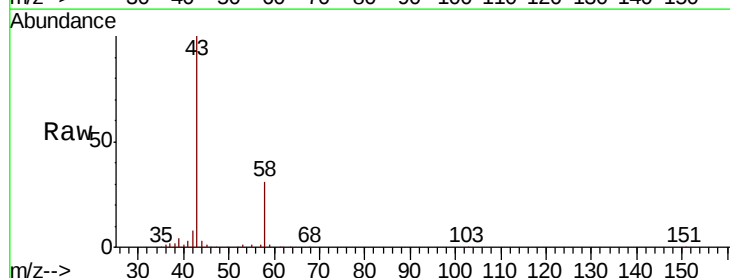
Acq: 03 Apr 2019 09:56

Tgt Ion: 43 Resp: 53380

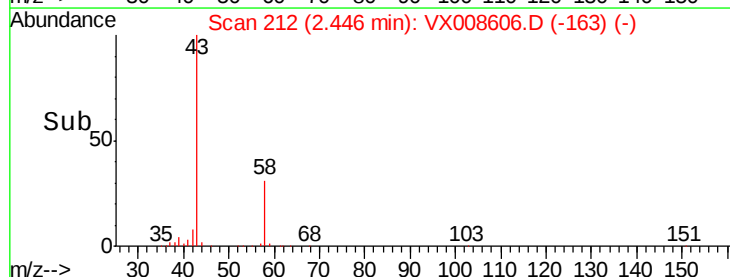
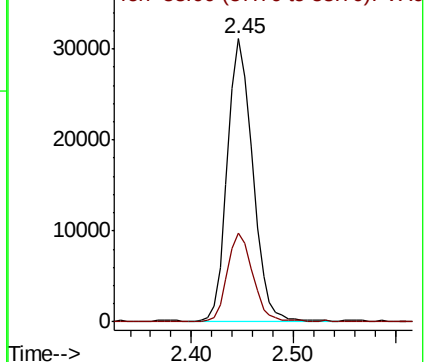
Ion Ratio Lower Upper

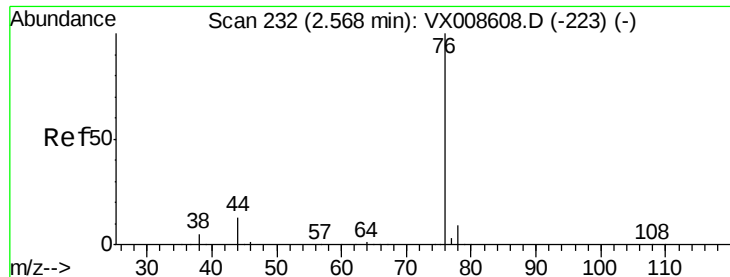
43 100

58 31.3 24.8 37.2



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





#17

Carbon Disulfide

Concen: 5.029 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

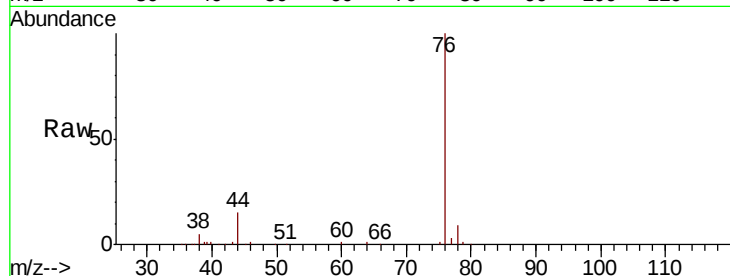
VSTDIC005

Tot Ion: 76 Resp: 42983

Ion Ratio Lower Upper

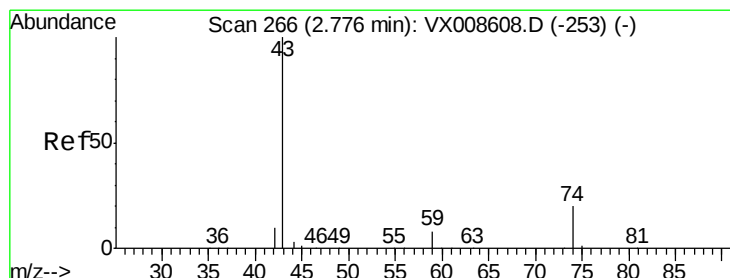
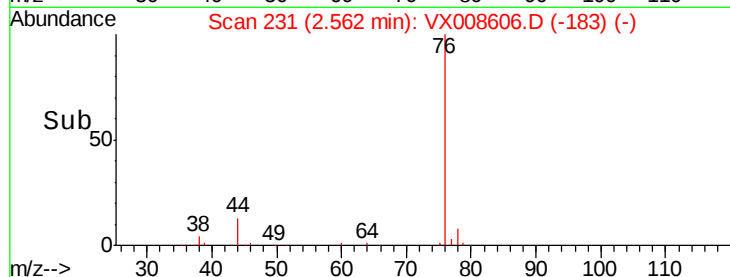
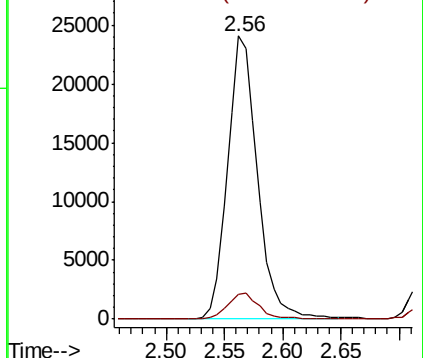
76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 5.575 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008606.D

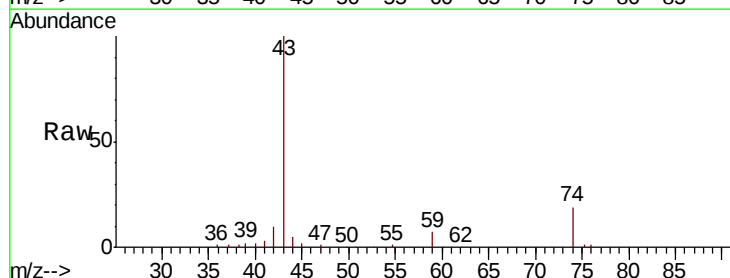
Acq: 03 Apr 2019 09:56

Tgt Ion: 43 Resp: 26144

Ion Ratio Lower Upper

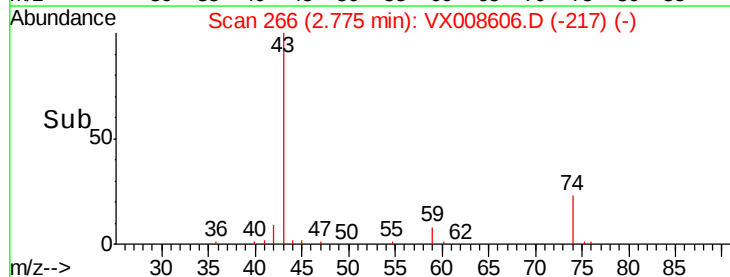
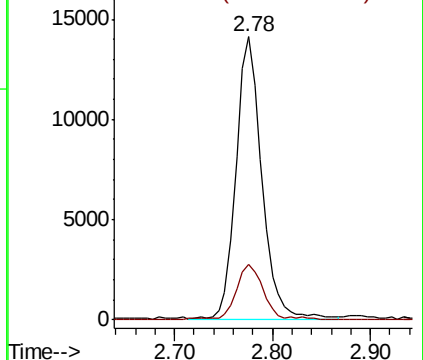
43 100

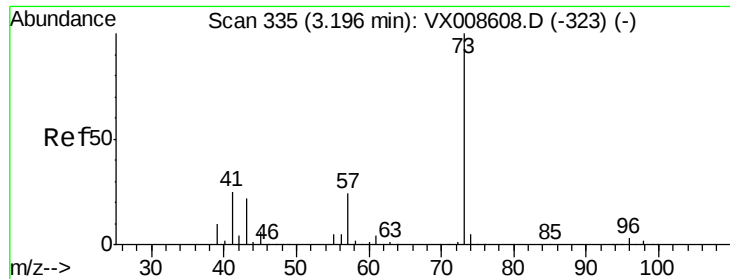
74 20.9 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

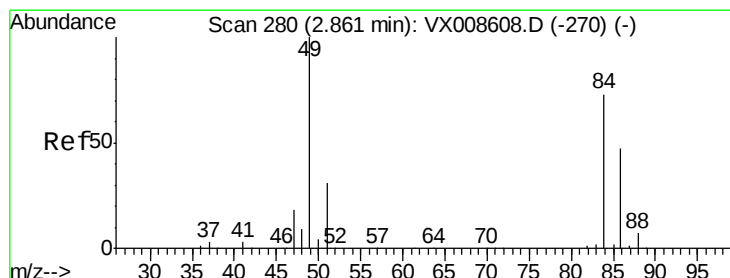
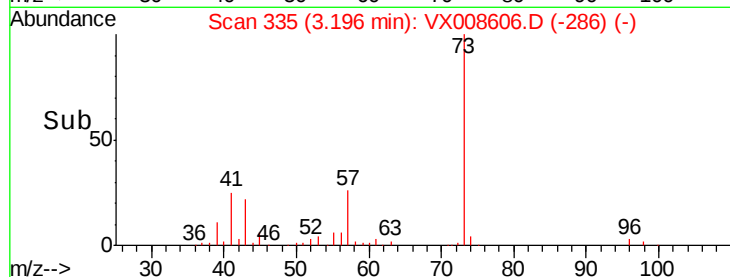
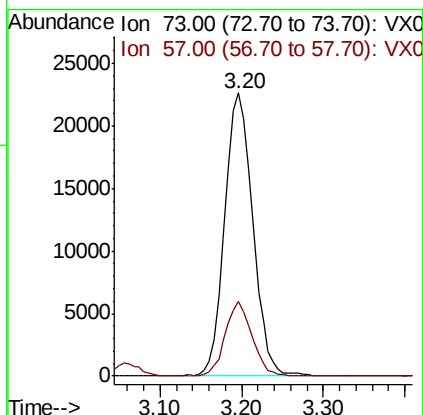
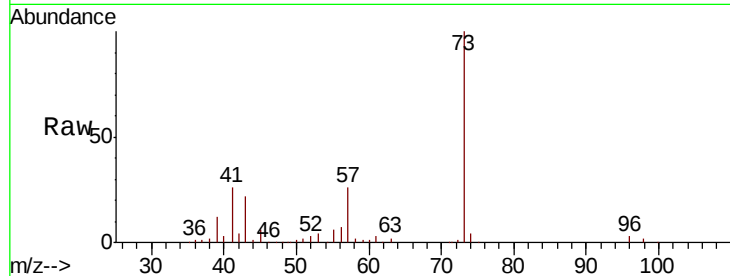




#19
Methyl tert-butyl Ether
Concen: 5.663 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

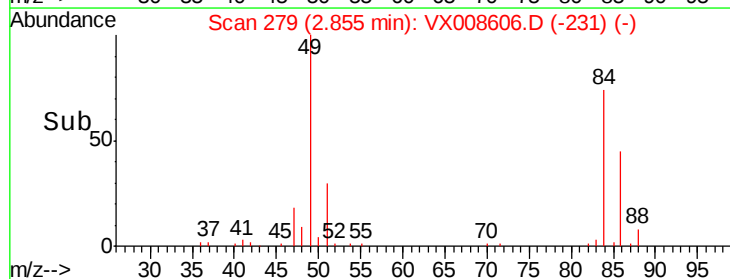
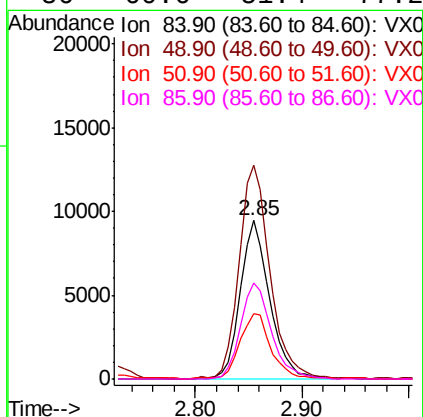
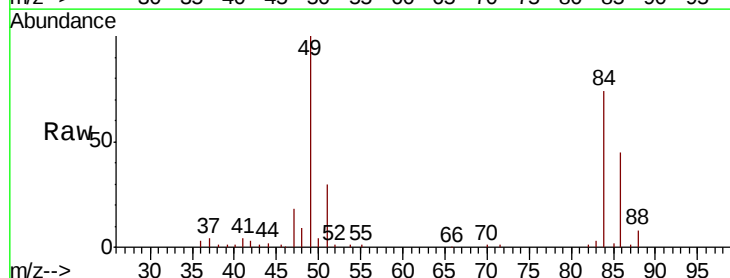
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

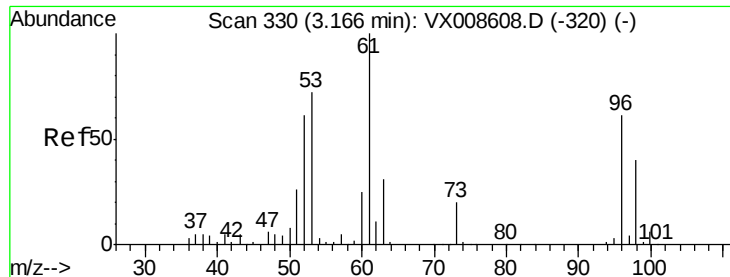
Tot Ion: 73 Resp: 53819
Ion Ratio Lower Upper
73 100
57 26.5 19.5 29.3



#20
Methylene Chloride
Concen: 5.659 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Tgt Ion: 84 Resp: 18317
Ion Ratio Lower Upper
84 100
49 135.1 109.7 164.5
51 40.9 33.6 50.4
86 60.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 5.542 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

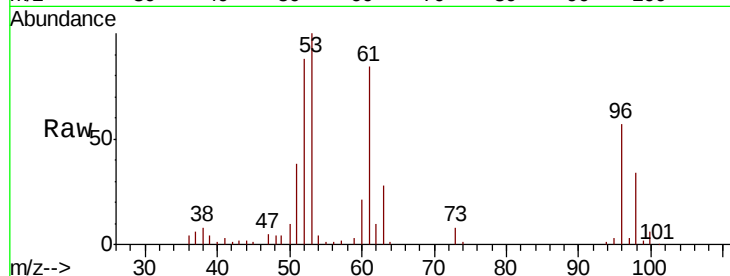
Tot Ion: 96 Resp: 15951

Ion Ratio Lower Upper

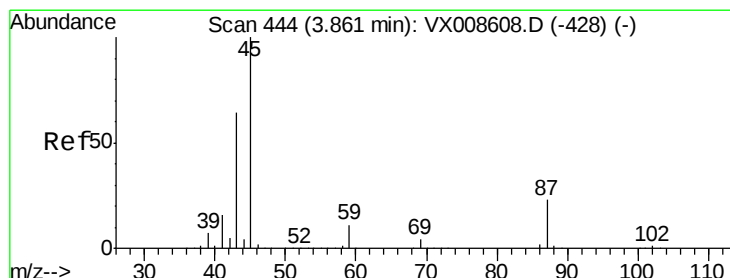
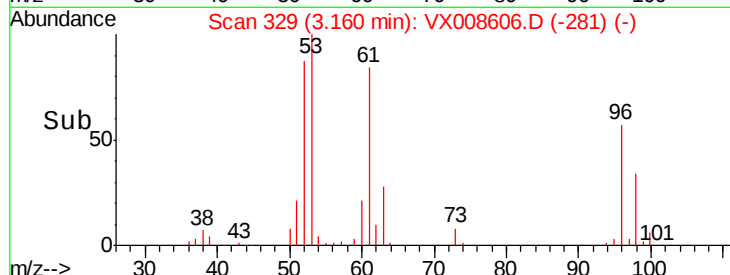
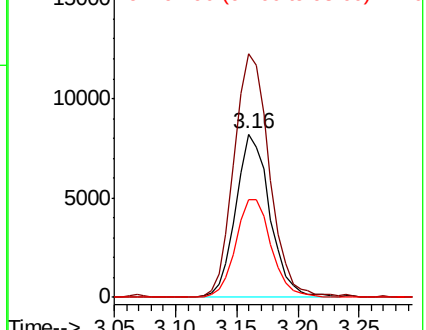
96 100

61 149.0 132.1 198.1

98 59.5 52.2 78.2



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: 5.722 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Tgt Ion: 45 Resp: 67178

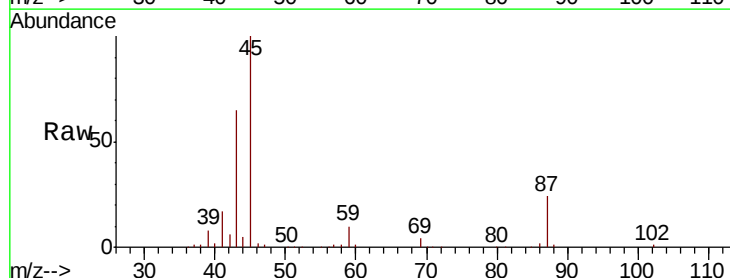
Ion Ratio Lower Upper

45 100

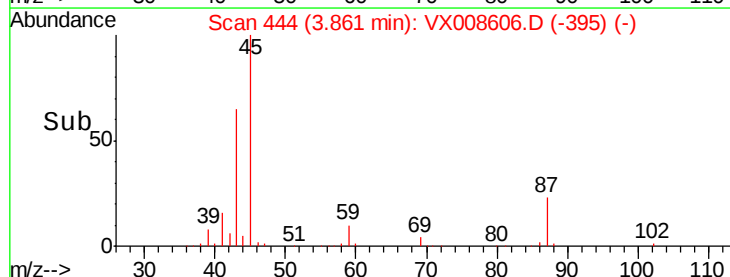
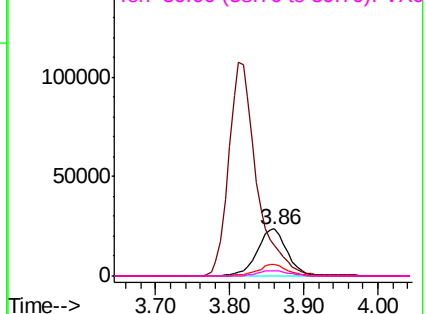
43 63.9 51.3 76.9

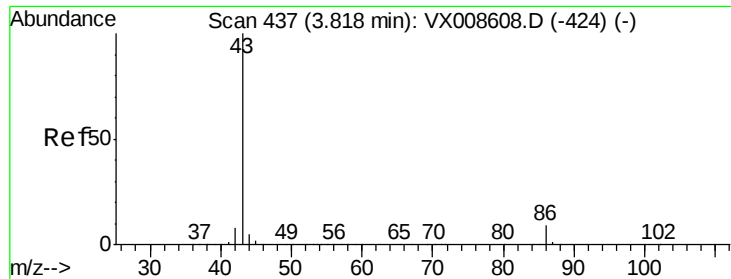
87 23.7 18.1 27.1

59 10.0 8.6 13.0



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

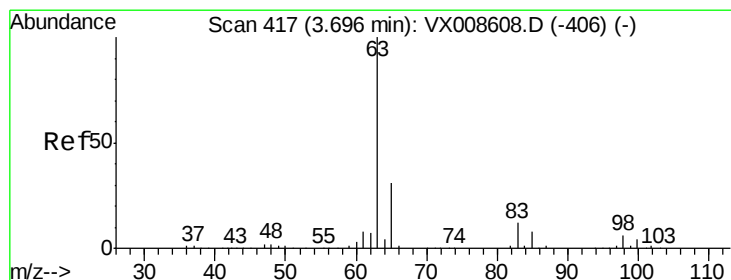
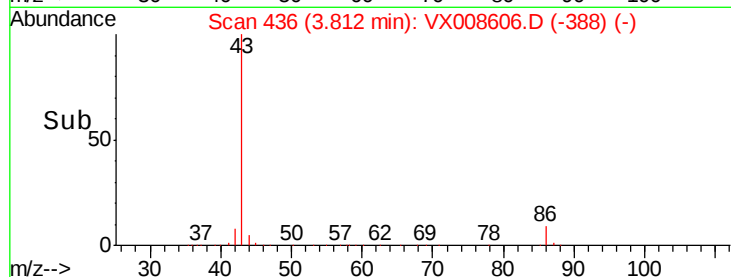
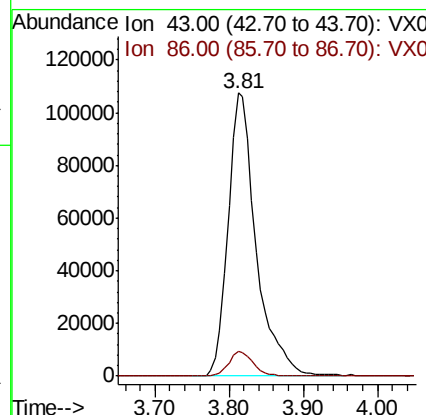
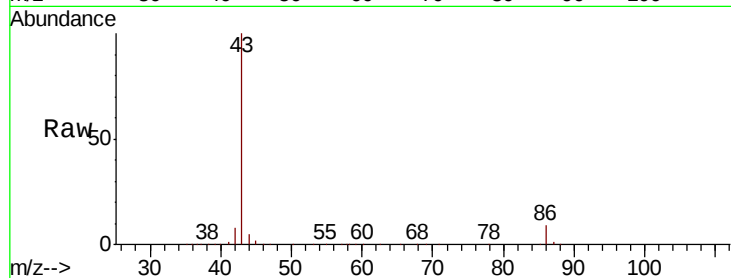




#23
 Vinyl Acetate
 Concen: 27.736 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX008606.D
 Acq: 03 Apr 2019 09:56

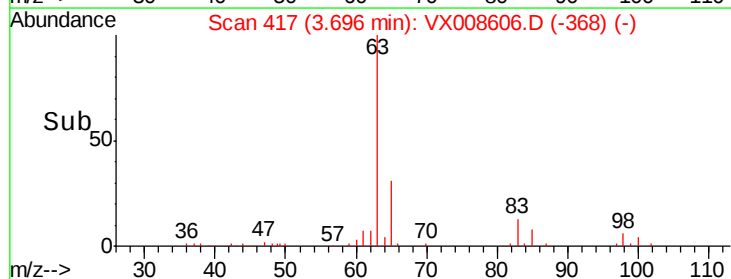
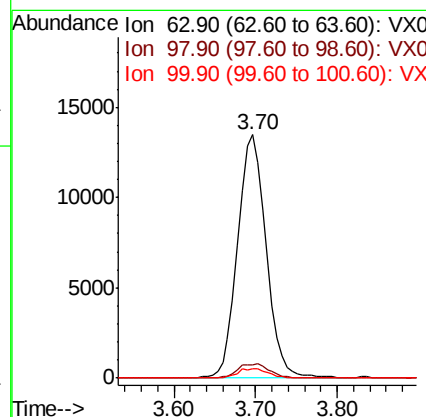
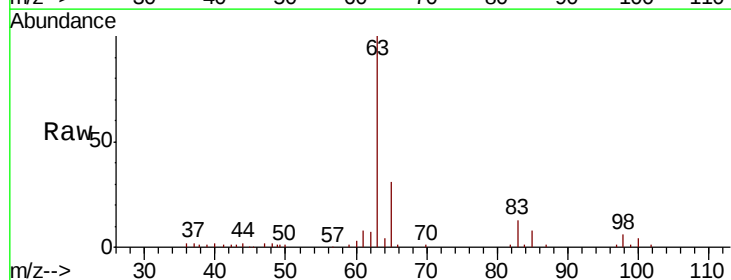
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

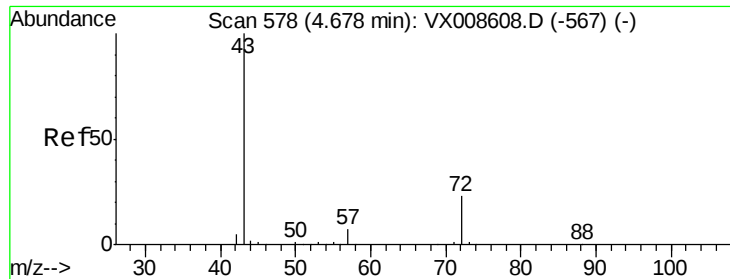
Tot Ion: 43 Resp: 283299
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 5.600 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX008606.D
 Acq: 03 Apr 2019 09:56

Tgt Ion: 63 Resp: 32553
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.8 8.4
 100 3.9 1.8 5.5





#25

2-Butanone

Concen: 28.214 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

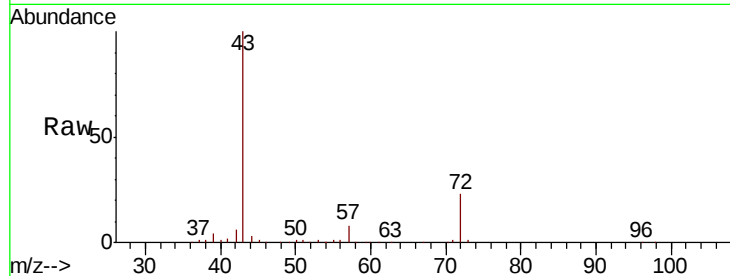
VSTDIC005

Tot Ion: 43 Resp: 86227

Ion Ratio Lower Upper

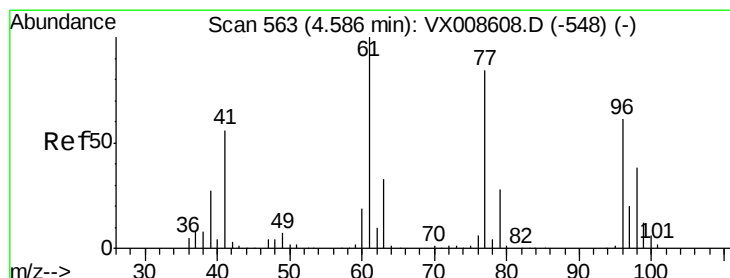
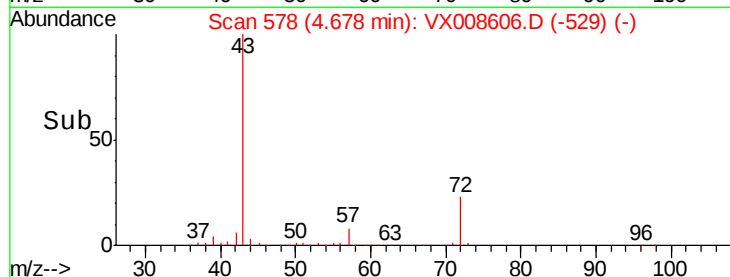
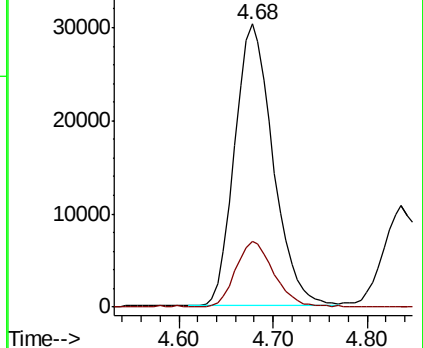
43 100

72 23.1 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 5.407 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008606.D

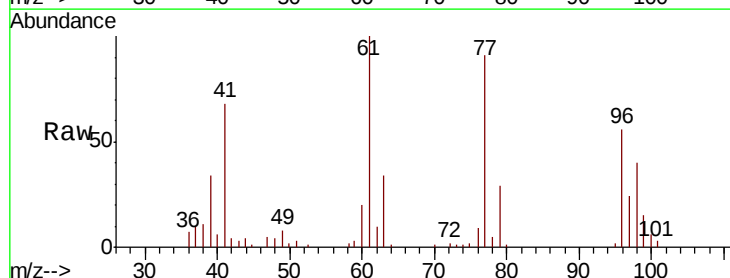
Acq: 03 Apr 2019 09:56

Tgt Ion: 77 Resp: 22137

Ion Ratio Lower Upper

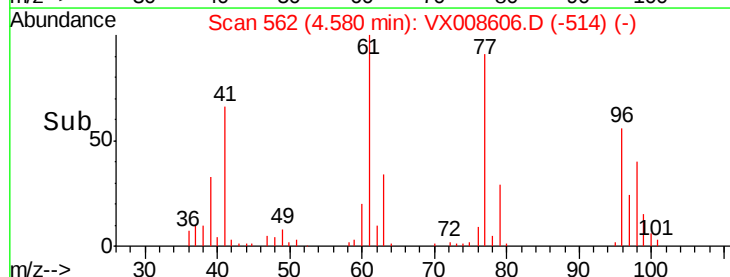
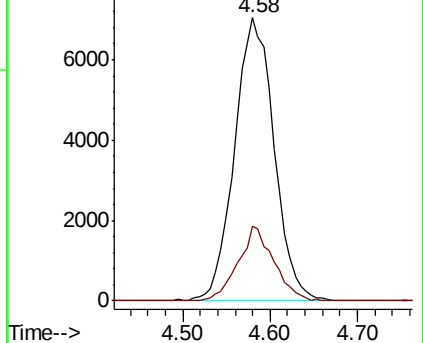
77 100

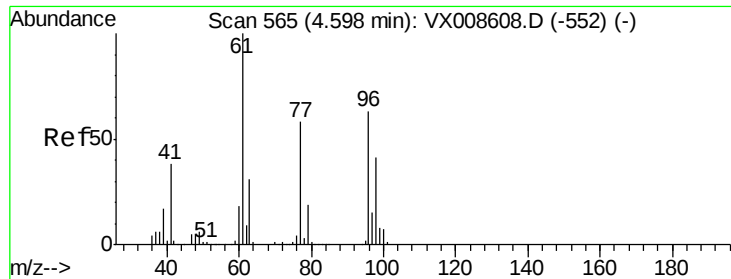
97 23.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



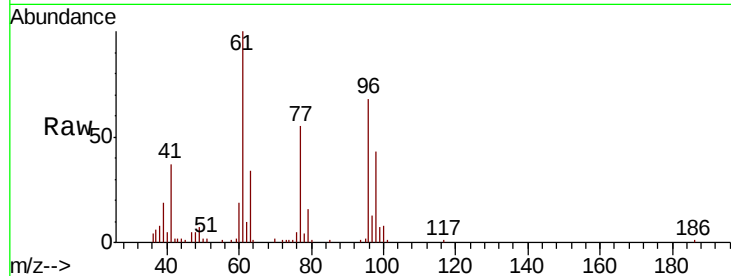


#27

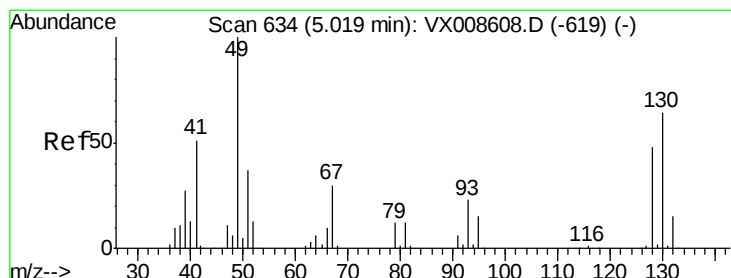
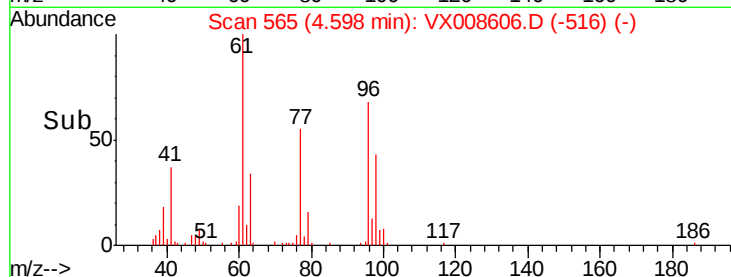
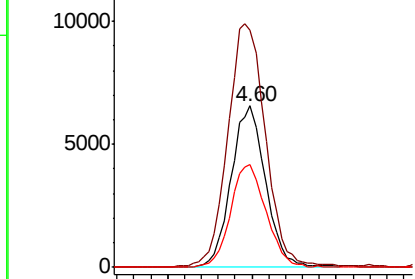
cis-1,2-Dichloroethene
Concen: 5.498 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion: 96 Resp: 18195
Ion Ratio Lower Upper
96 100
61 165.9 0.0 327.6
98 65.3 0.0 128.6



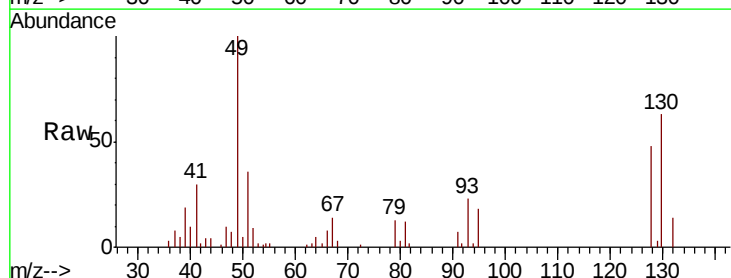
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



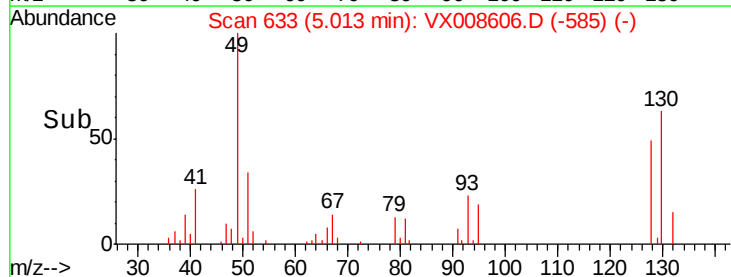
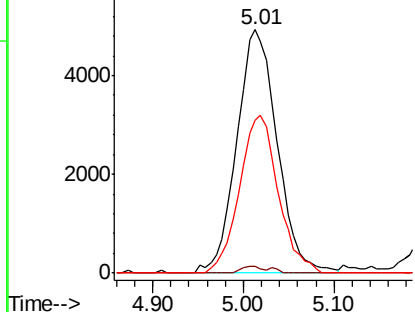
#28

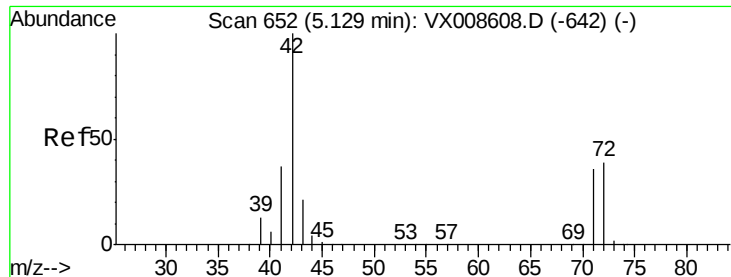
Bromochloromethane
Concen: 5.527 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Tgt Ion: 49 Resp: 15249
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 62.0 49.3 73.9



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

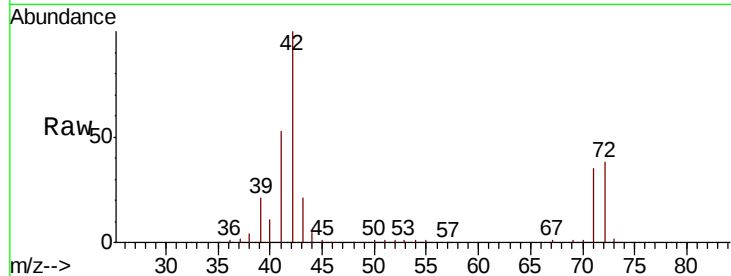




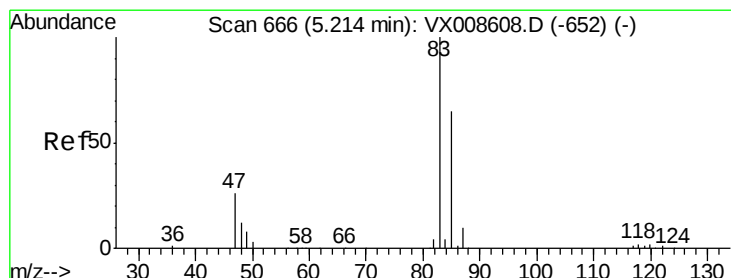
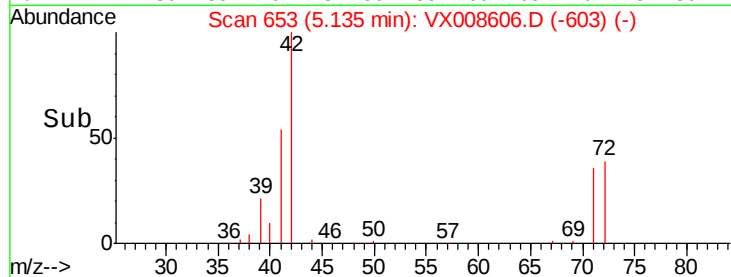
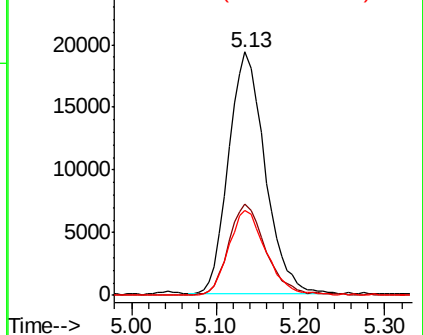
#29
Tetrahydrofuran
Concen: 27.771 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 42 Resp: 56332
Ion Ratio Lower Upper
42 100
72 39.0 30.5 45.7
71 36.5 28.6 43.0

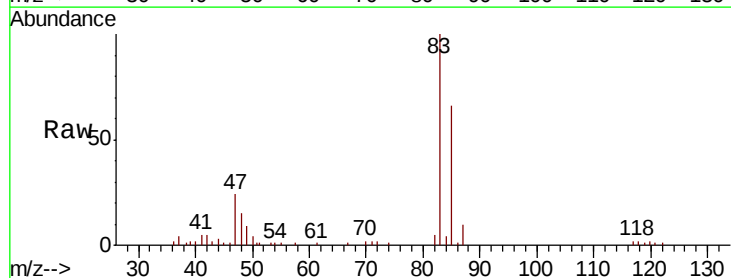


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

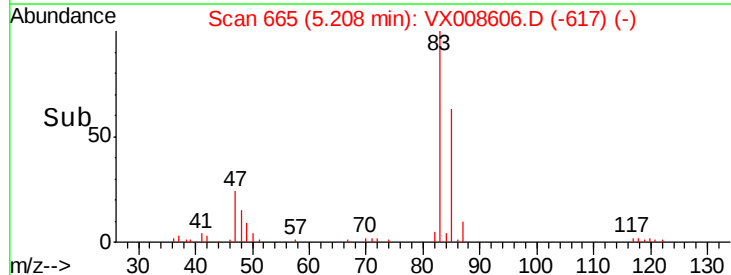
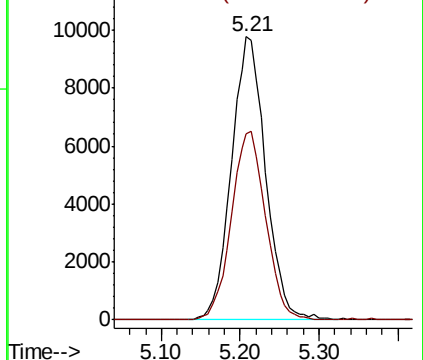


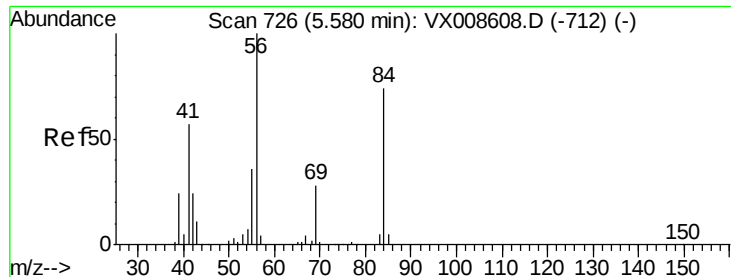
#30
Chloroform
Concen: 5.661 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Tgt Ion: 83 Resp: 29392
Ion Ratio Lower Upper
83 100
85 65.9 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 5.696 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

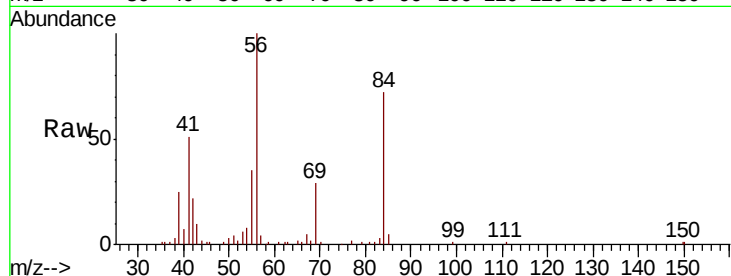
Tot Ion: 56 Resp: 33040

Ion Ratio Lower Upper

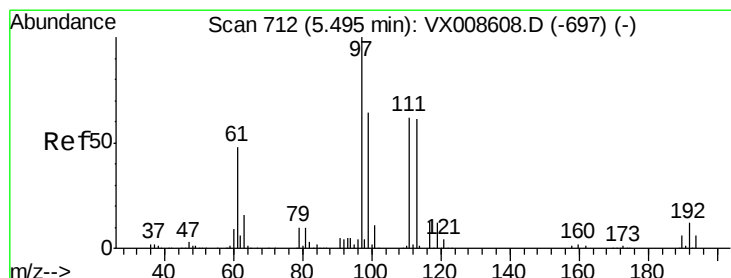
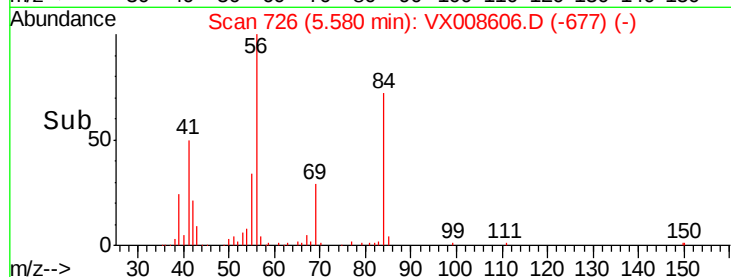
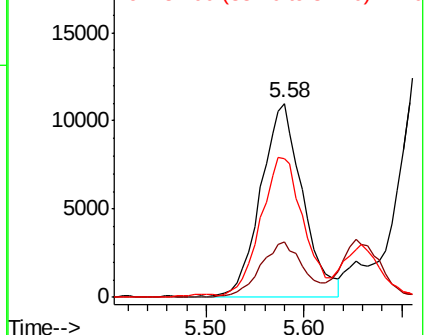
56 100

69 28.5 22.6 33.8

84 70.5 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 5.436 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

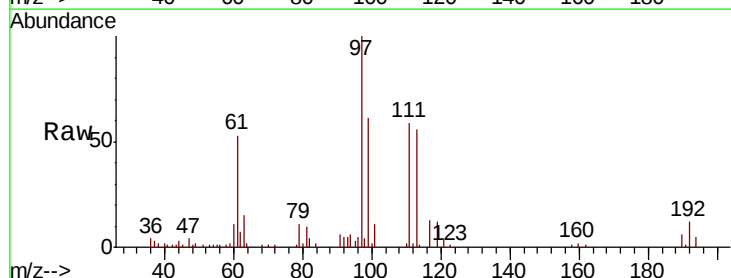
Tgt Ion: 97 Resp: 22807

Ion Ratio Lower Upper

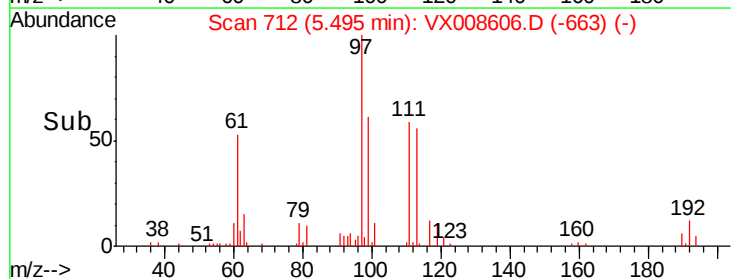
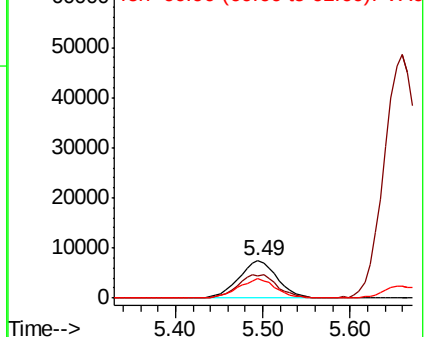
97 100

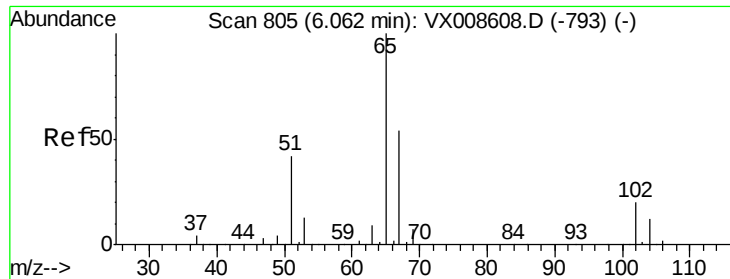
99 64.8 51.3 76.9

61 50.5 38.9 58.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

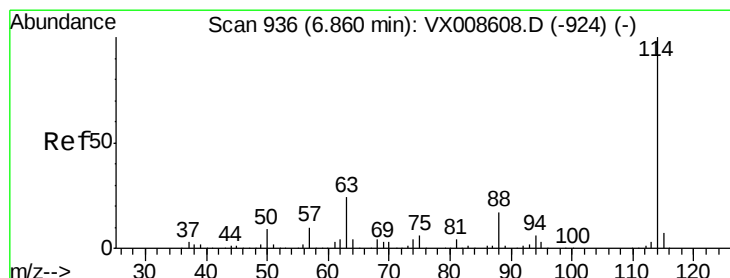
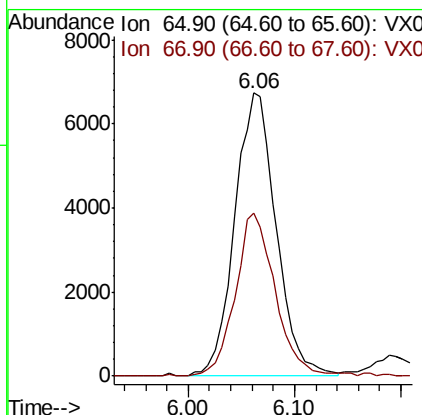
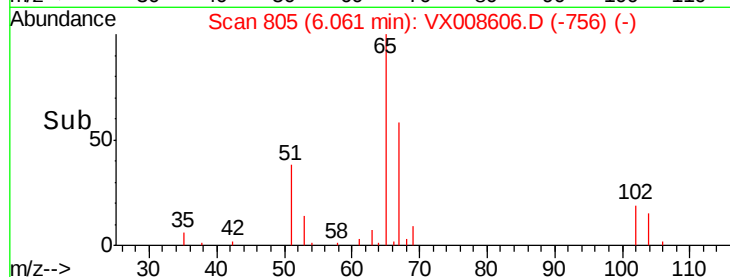
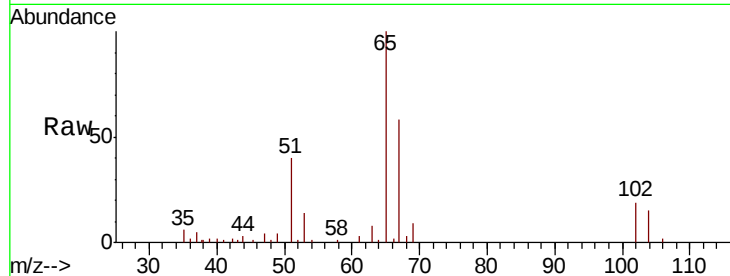




#33
 1,2-Dichloroethane-d4
 Concen: 5.475 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008606.D
 Acq: 03 Apr 2019 09:56

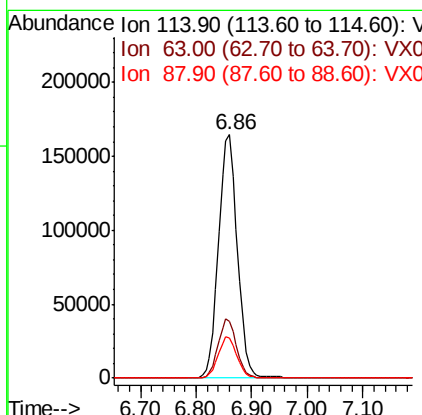
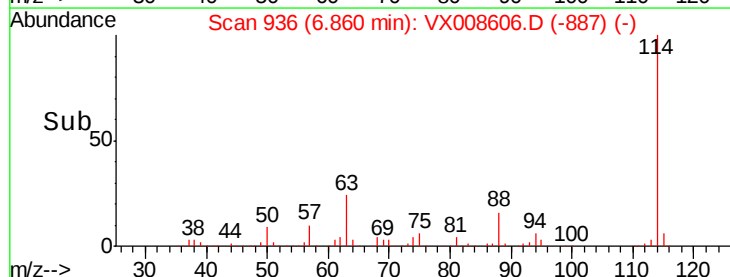
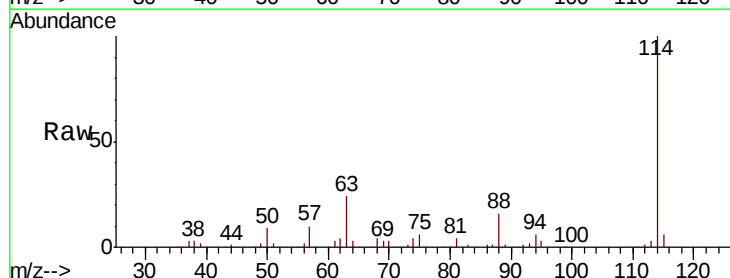
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

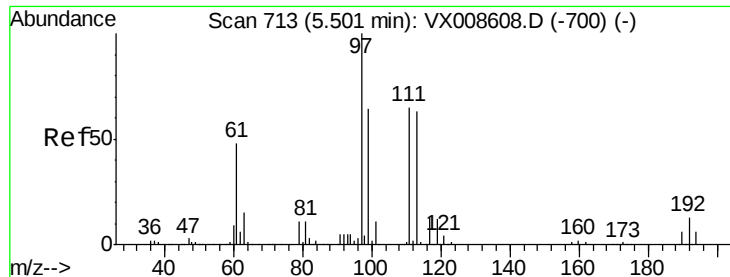
Tot Ion: 65 Resp: 18382
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008606.D
 Acq: 03 Apr 2019 09:56

Tgt Ion: 114 Resp: 386742
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 47.2
 88 16.5 0.0 34.0





#35

Dibromofluoromethane

Concen: 5.284 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

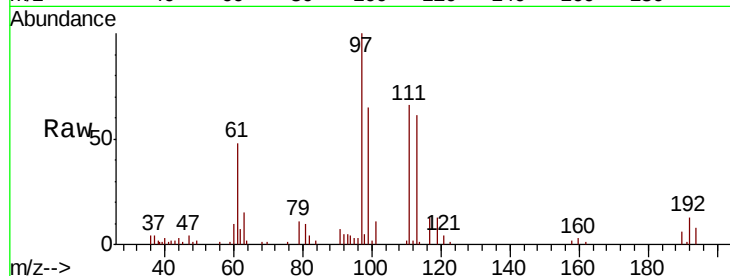
Tot Ion:113 Resp: 13065

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

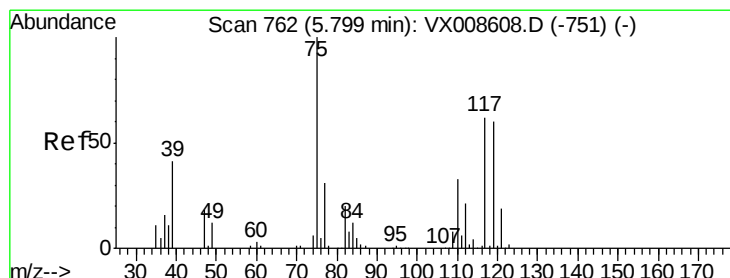
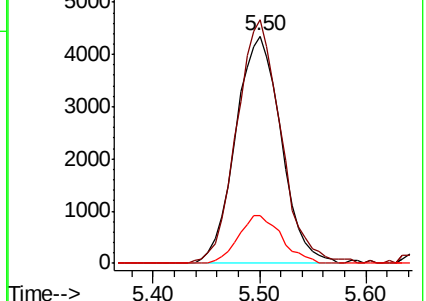
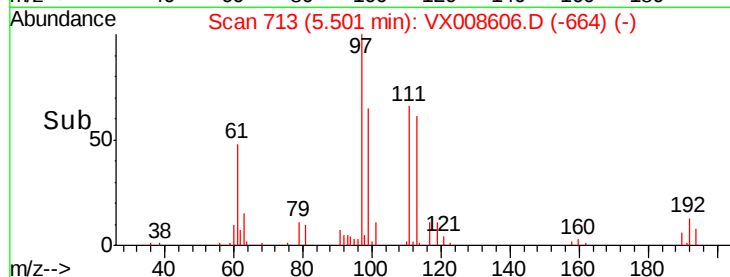
192 19.9 16.1 24.1



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: 5.308 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

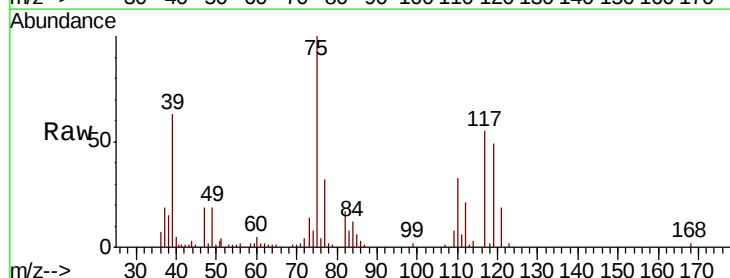
Tgt Ion: 75 Resp: 22439

Ion Ratio Lower Upper

75 100

110 34.0 16.4 49.2

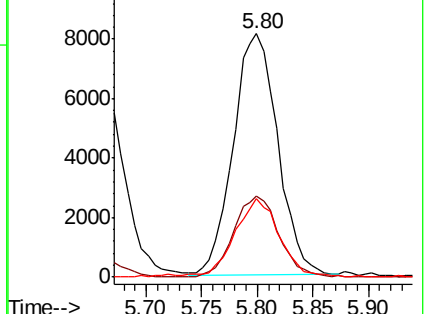
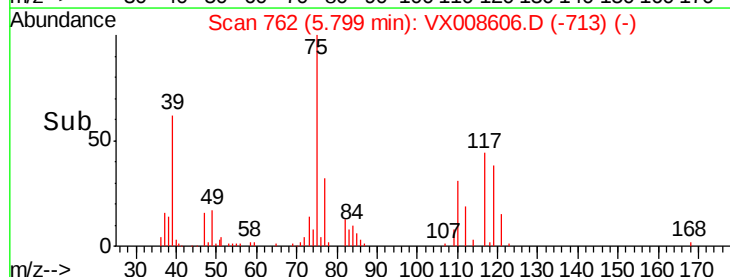
77 32.5 24.7 37.1

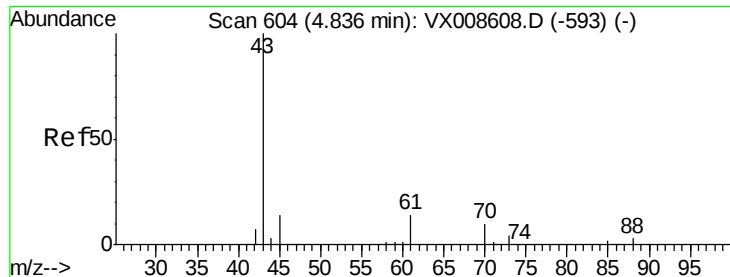


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

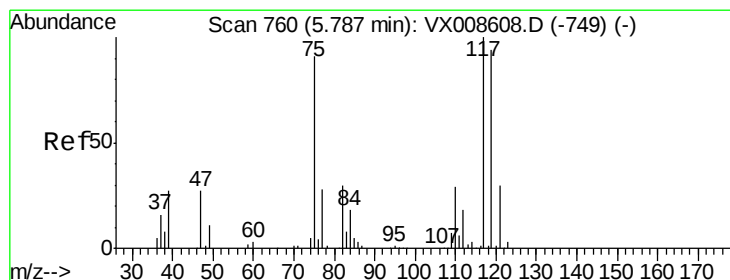
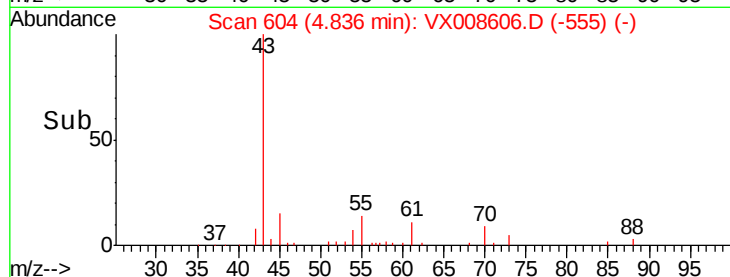
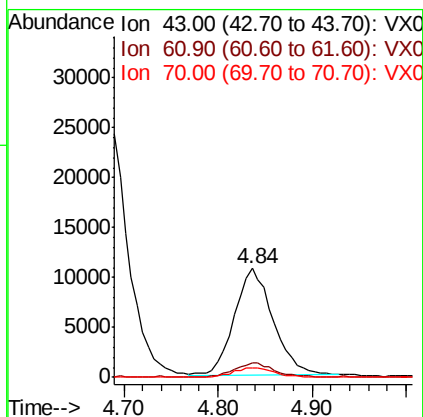
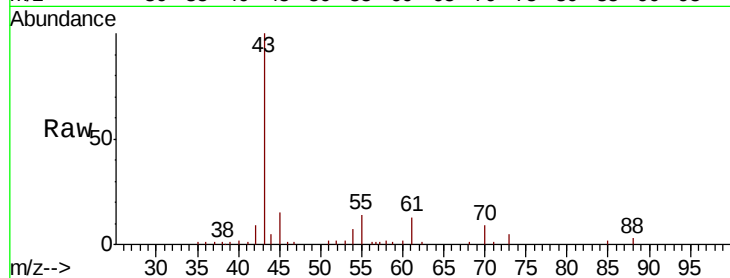




#37
Ethyl Acetate
Concen: 5.414 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

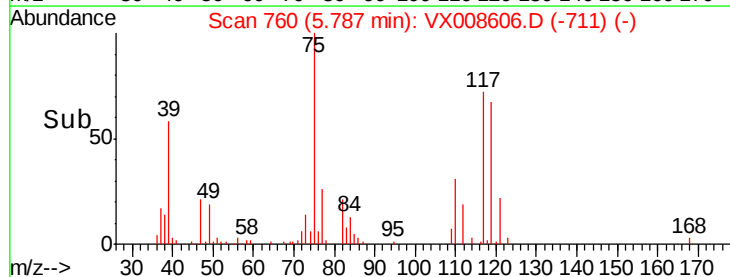
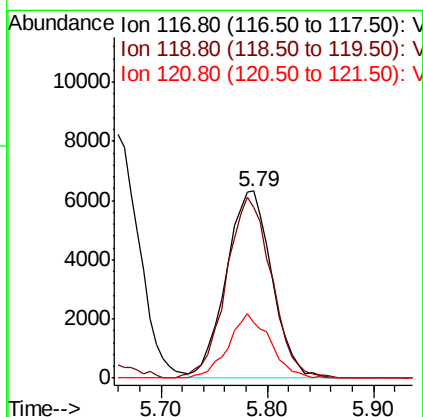
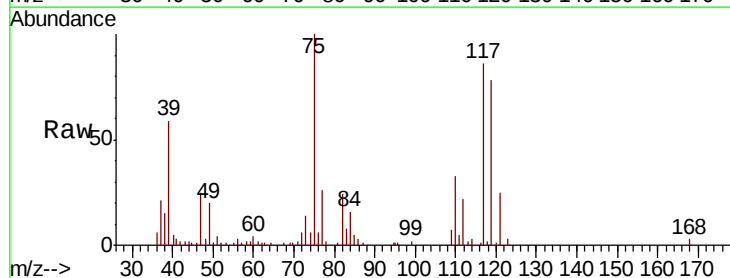
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 30549
Ion Ratio Lower Upper
43 100
61 14.2 10.3 15.5
70 10.2 7.6 11.4



#38
Carbon Tetrachloride
Concen: 5.430 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Tgt Ion: 117 Resp: 18998
Ion Ratio Lower Upper
117 100
119 91.3 75.0 112.6
121 29.5 24.3 36.5

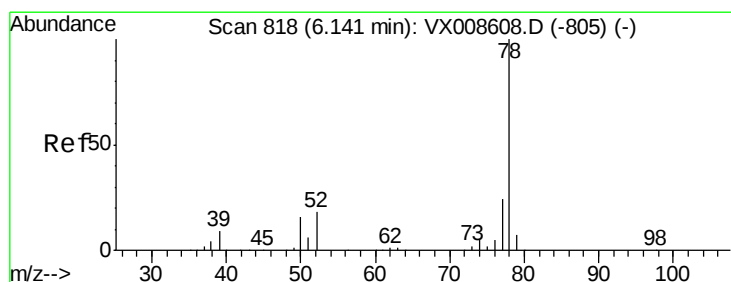
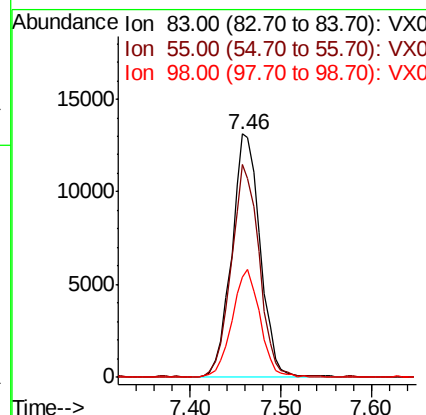
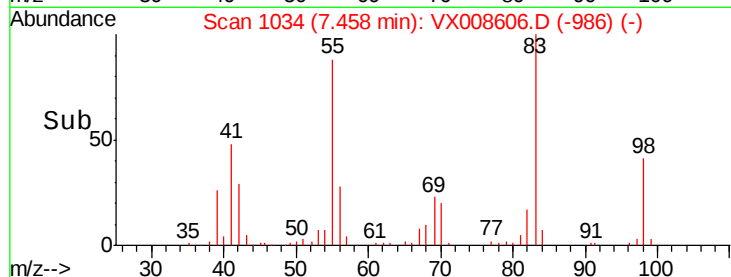
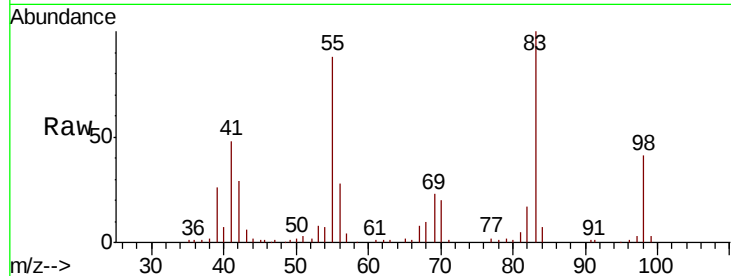




#39
Methvlcvclohexane
Concen: 5.539 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

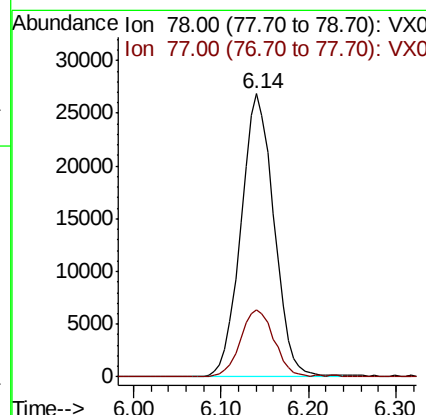
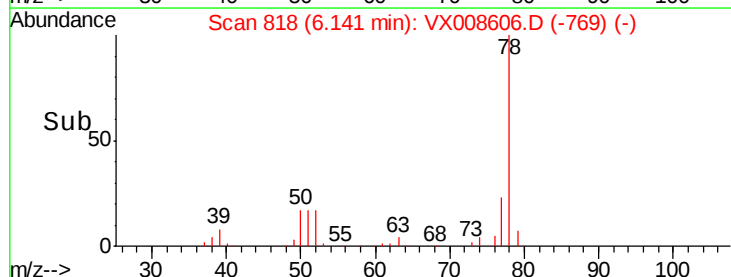
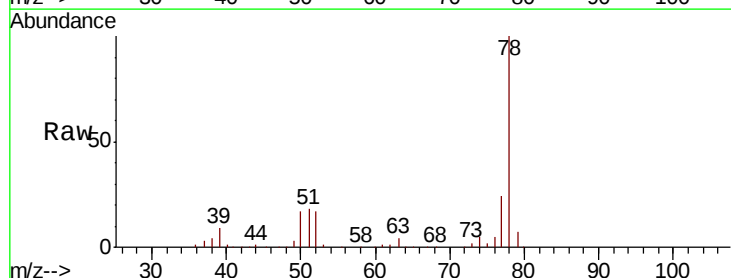
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 28927
Ion Ratio Lower Upper
83 100
55 87.6 69.0 103.6
98 41.1 34.4 51.6



#40
Benzene
Concen: 5.602 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Tgt Ion: 78 Resp: 70547
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

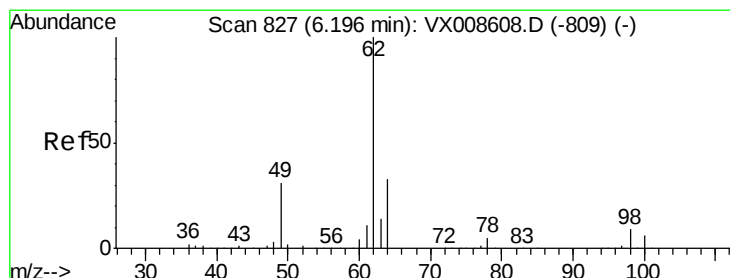
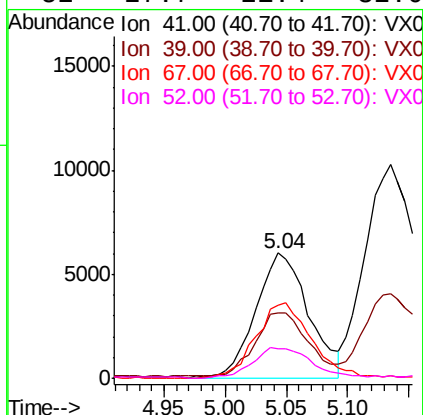
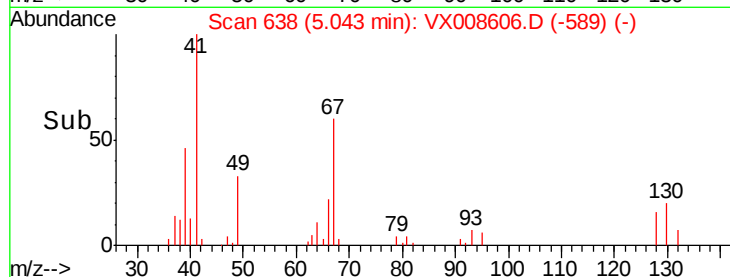
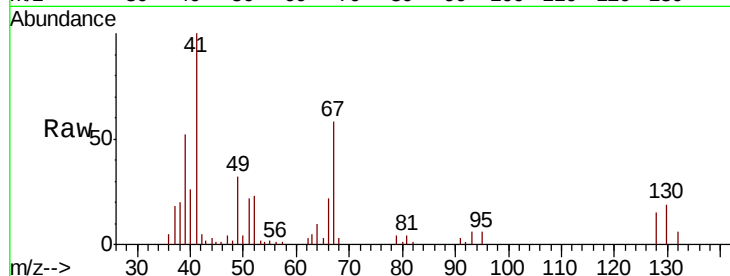




#41
Methacrylonitrile
Concen: 5.591 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

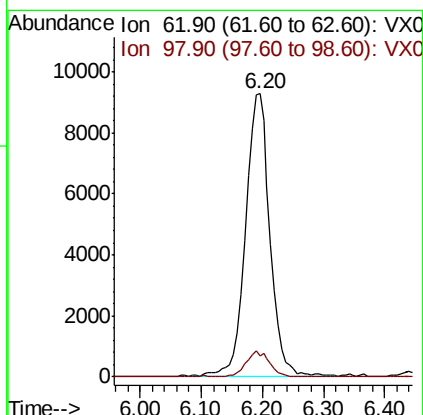
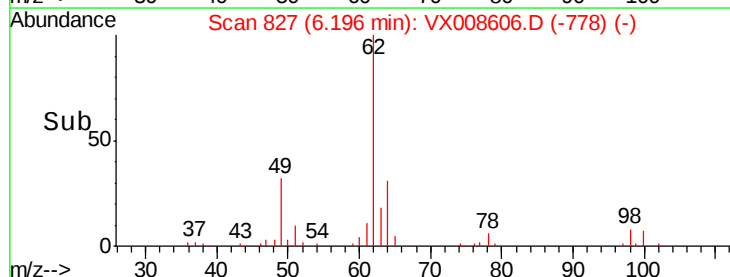
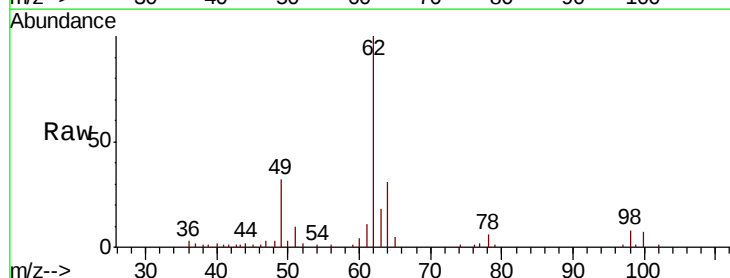
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

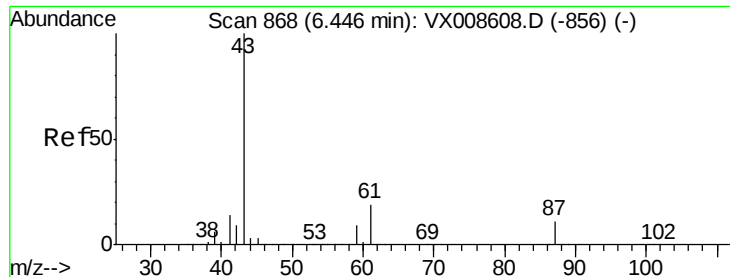
Tot Ion:	41	Resp:	18133
Ion	Ratio	Lower	Upper
41	100		
39	50.5	42.1	63.1
67	63.6	51.0	76.6
52	27.7	21.4	32.0



#42
1,2-Dichloroethane
Concen: 5.737 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Tgt Ion:	62	Resp:	25904
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0





#43

Isopropyl Acetate

Concen: 5.484 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

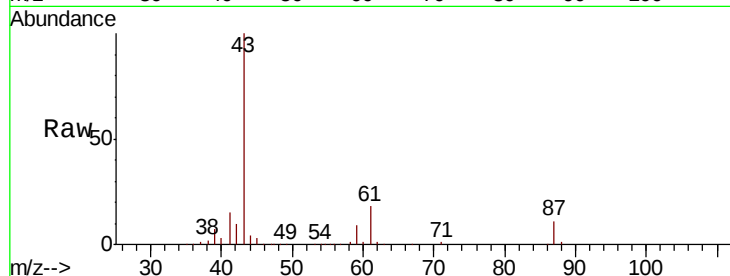
Tot Ion: 43 Resp: 48478

Ion Ratio Lower Upper

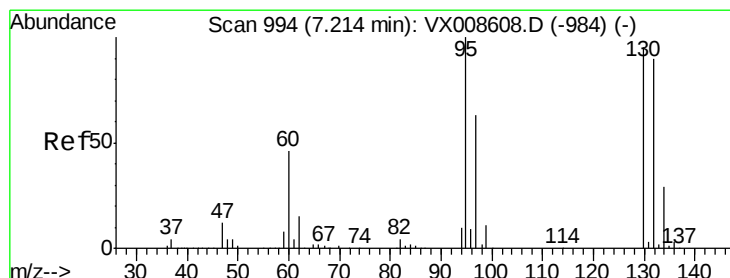
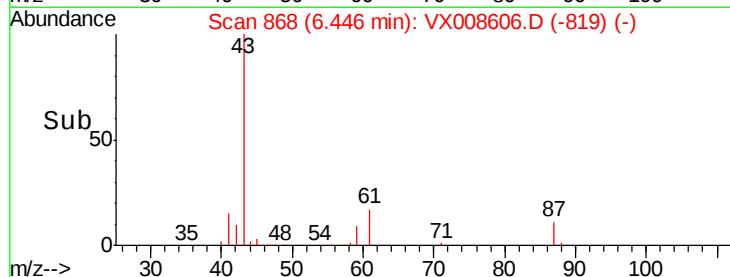
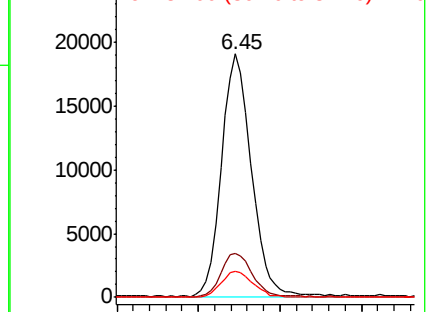
43 100

61 19.2 15.3 22.9

87 11.4 9.0 13.6



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: 5.607 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008606.D

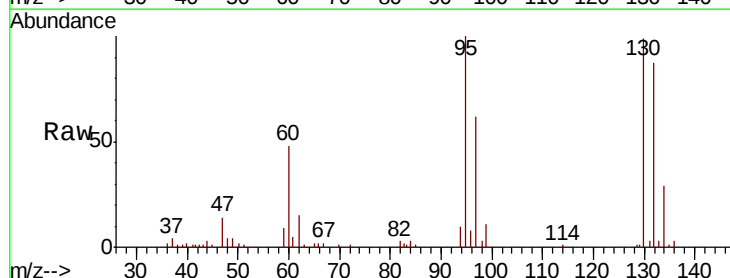
Acq: 03 Apr 2019 09:56

Tgt Ion:130 Resp: 16448

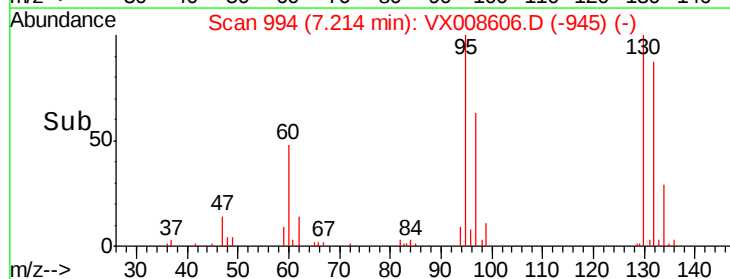
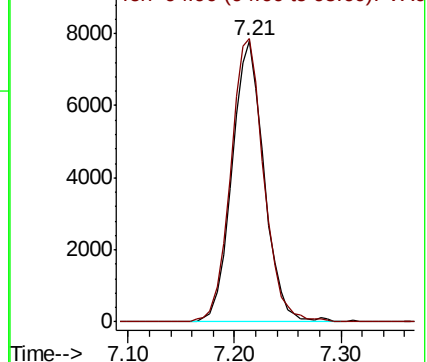
Ion Ratio Lower Upper

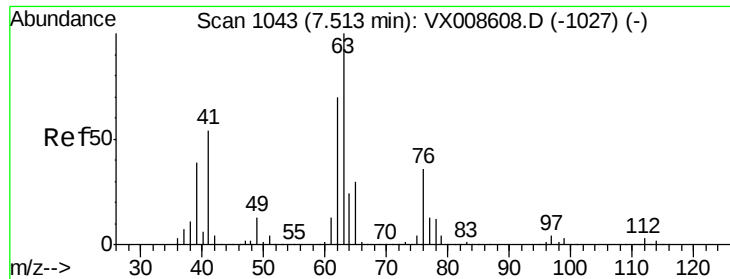
130 100

95 100.7 0.0 209.8



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





#45

1,2-Dichloropropane

Concen: 5.533 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampled :

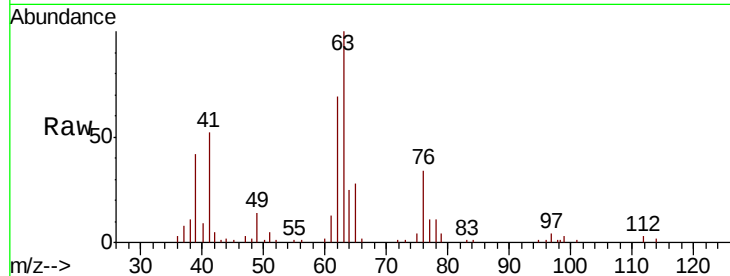
VSTDIC005

Tot Ion: 63 Resp: 19888

Ion Ratio Lower Upper

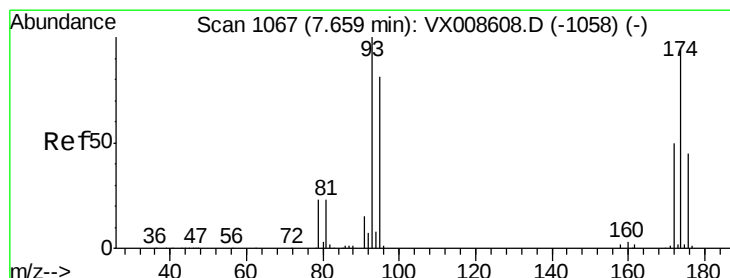
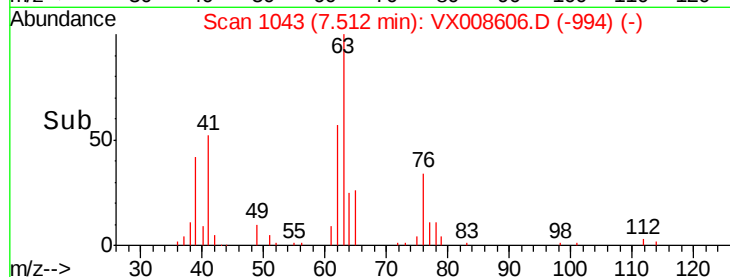
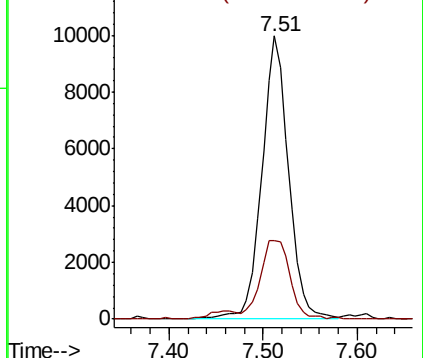
63 100

65 28.0 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 5.540 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

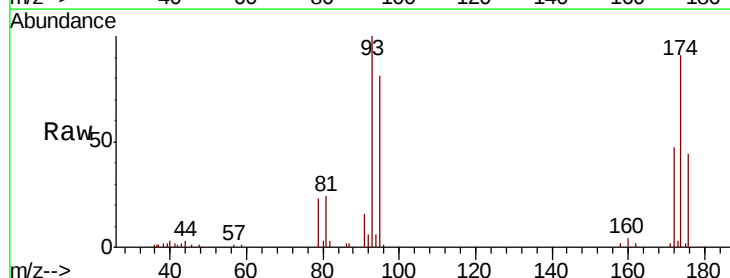
Tgt Ion: 93 Resp: 11551

Ion Ratio Lower Upper

93 100

95 80.0 66.6 99.8

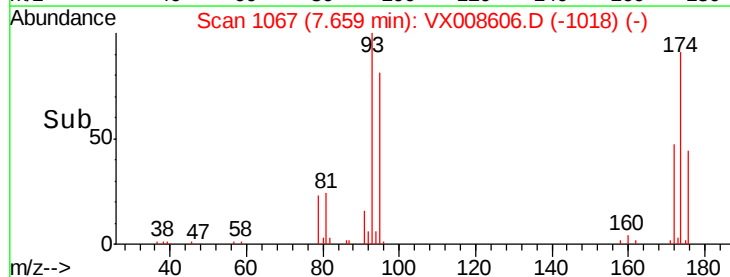
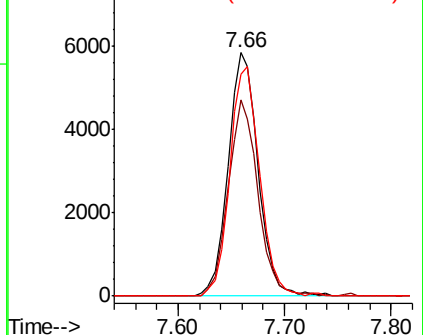
174 93.6 77.7 116.5

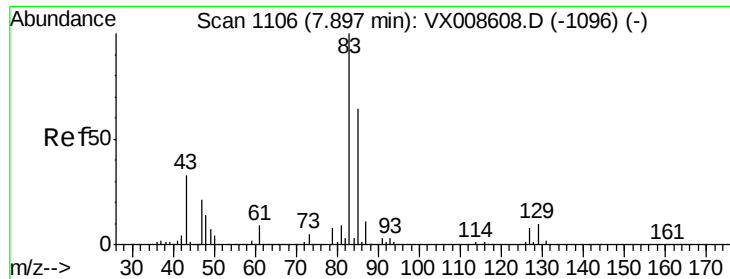


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 5.395 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

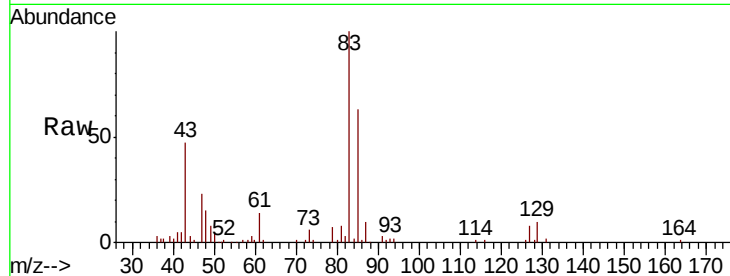
Tot Ion: 83 Resp: 21206

Ion Ratio Lower Upper

83 100

85 63.2 51.2 76.8

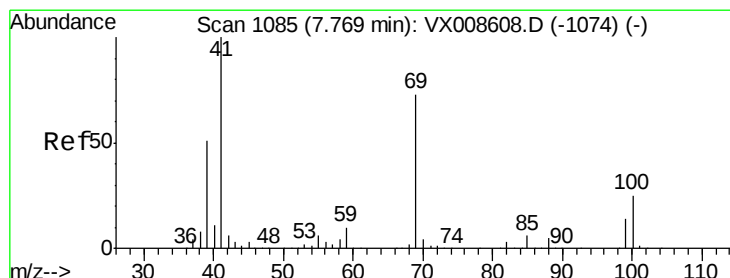
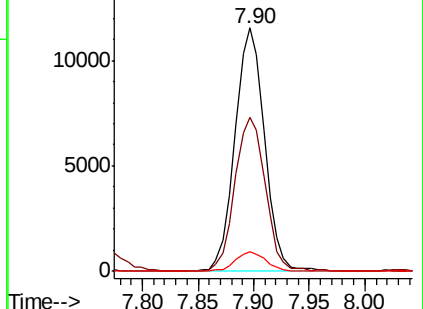
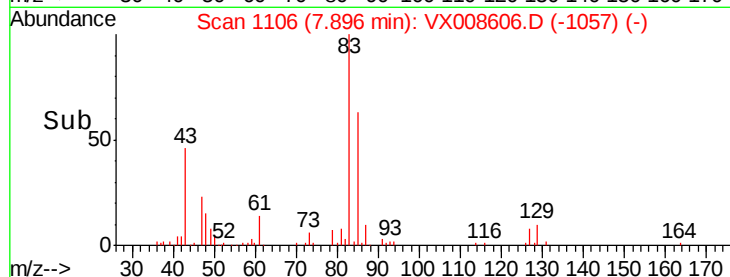
127 7.9 6.6 10.0



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: 5.469 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

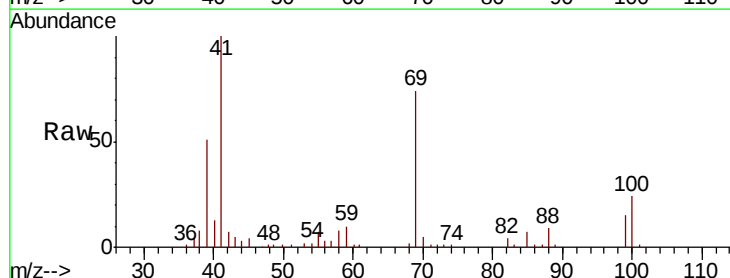
Tgt Ion: 41 Resp: 24455

Ion Ratio Lower Upper

41 100

69 75.0 59.0 88.4

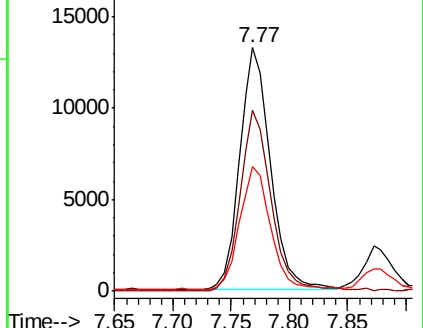
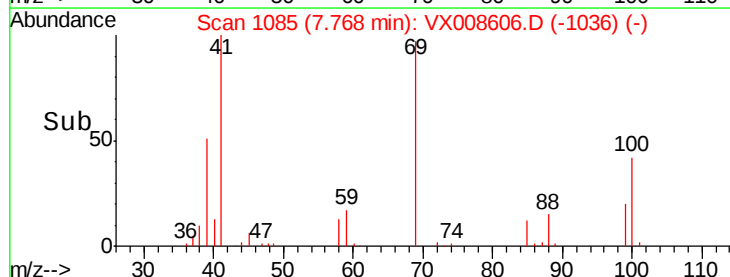
39 50.8 41.0 61.4

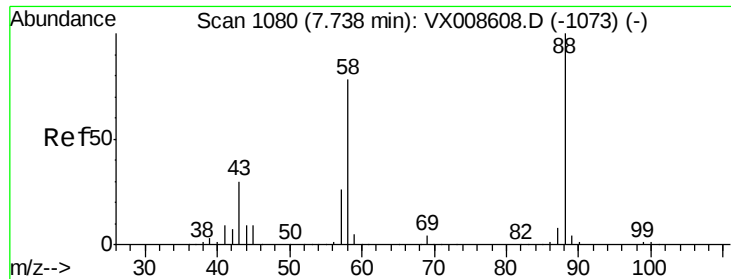


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

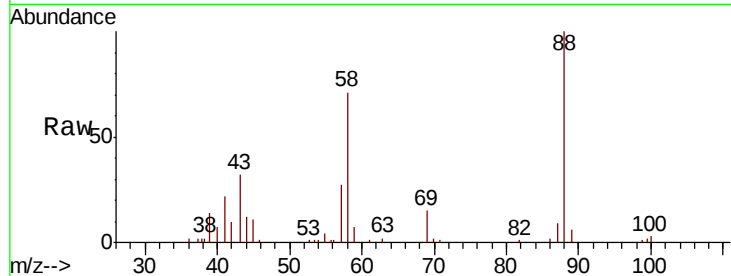




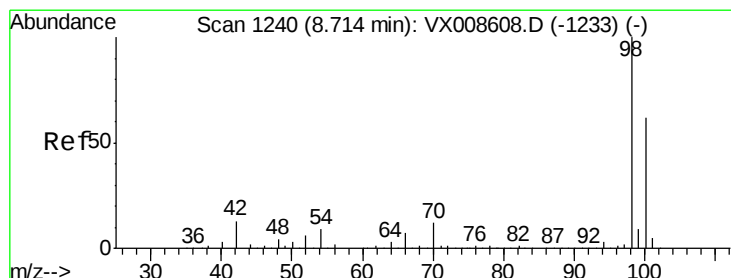
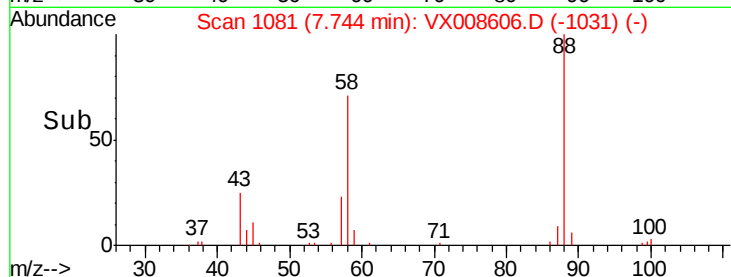
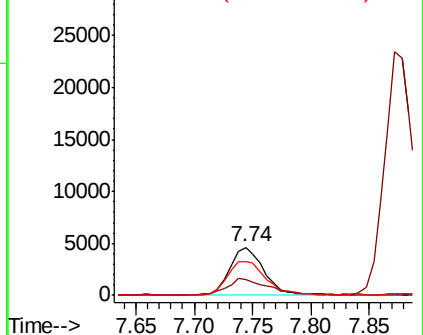
#49
1,4-Dioxane
Concen: 113.738 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 88 Resp: 9527
Ion Ratio Lower Upper
88 100
43 37.8 28.6 43.0
58 79.6 62.2 93.2

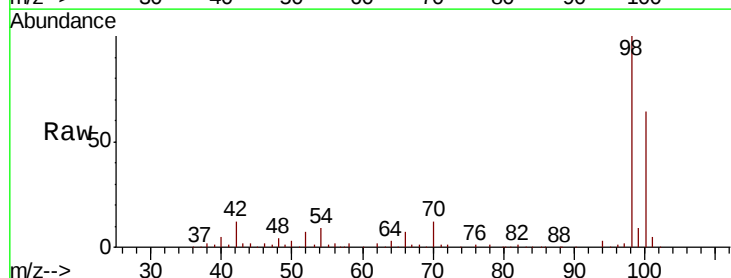


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

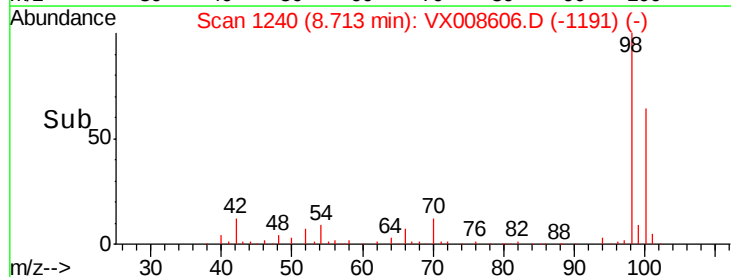
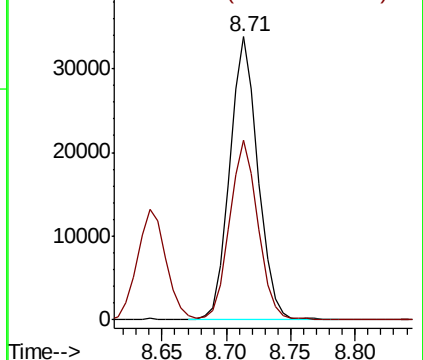


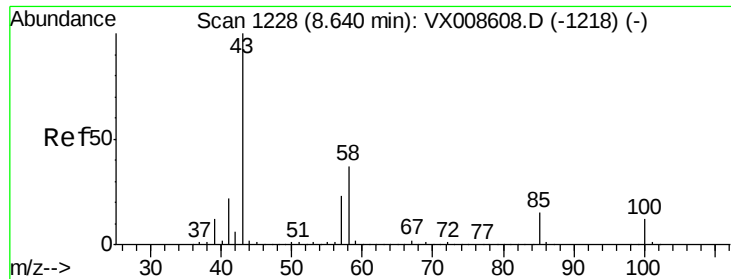
#50
Toluene-d8
Concen: 5.242 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Tgt Ion: 98 Resp: 51612
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



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





#51

4-Methyl-2-Pentanone

Concen: 29.125 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

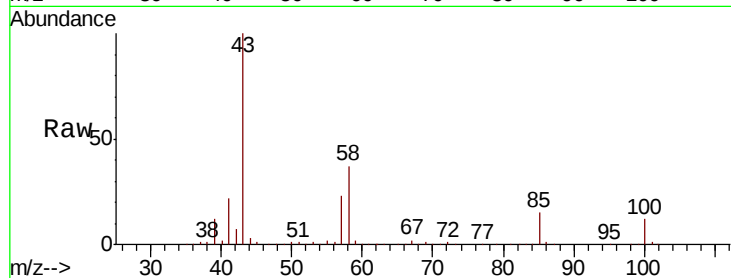
VSTDIC005

Tot Ion: 43 Resp: 165727

Ion Ratio Lower Upper

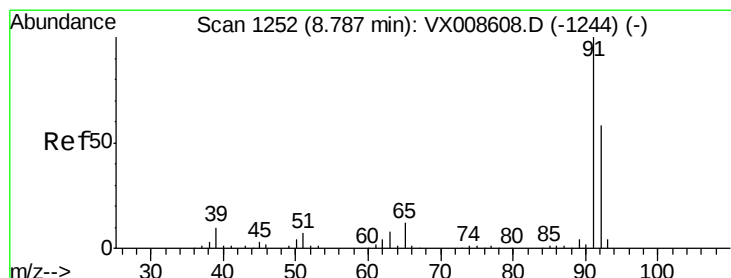
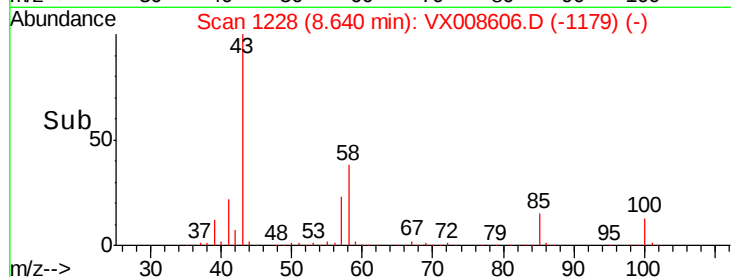
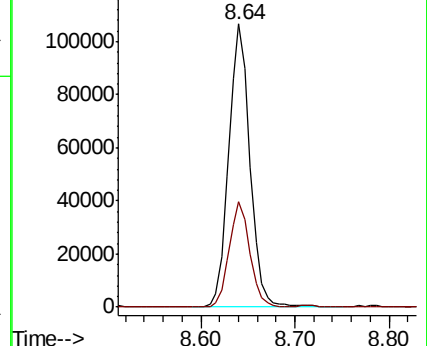
43 100

58 36.6 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 5.671 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008606.D

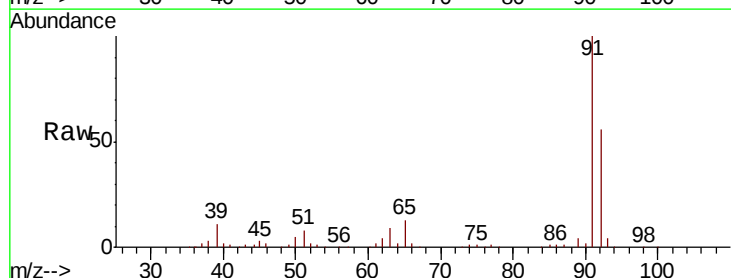
Acq: 03 Apr 2019 09:56

Tgt Ion: 92 Resp: 42109

Ion Ratio Lower Upper

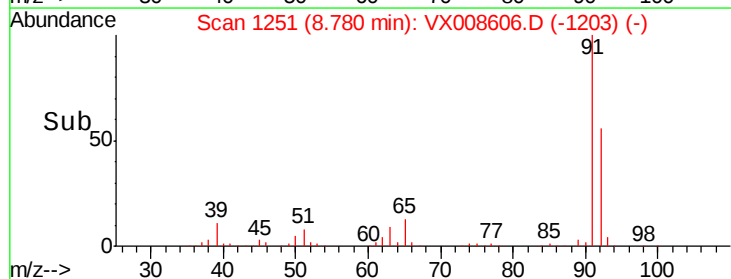
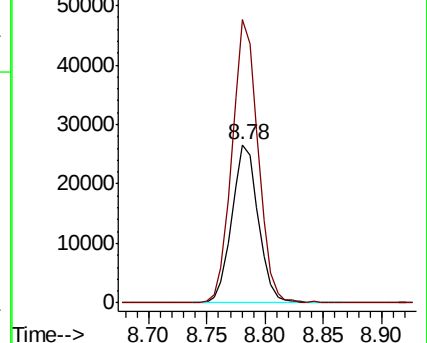
92 100

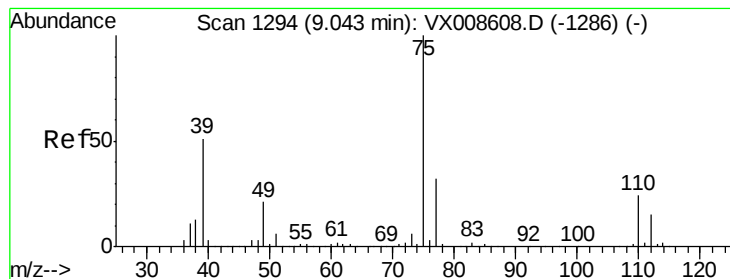
91 175.8 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 5.041 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

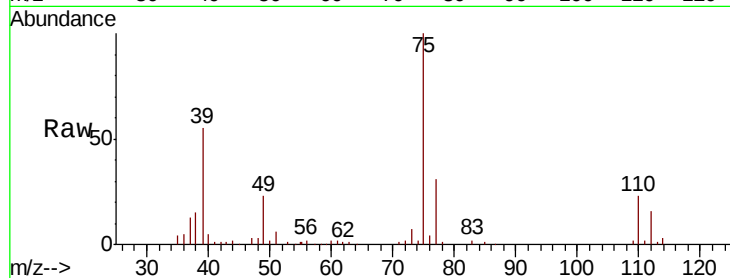
VSTDIC005

Tot Ion: 75 Resp: 22196

Ion Ratio Lower Upper

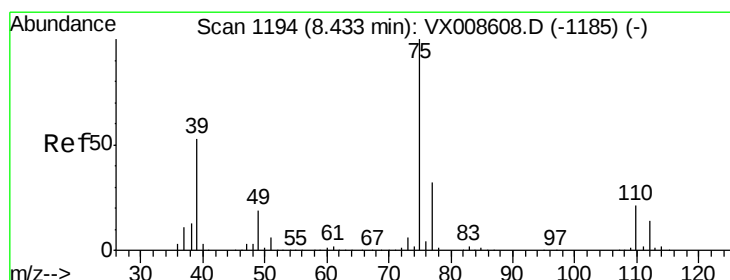
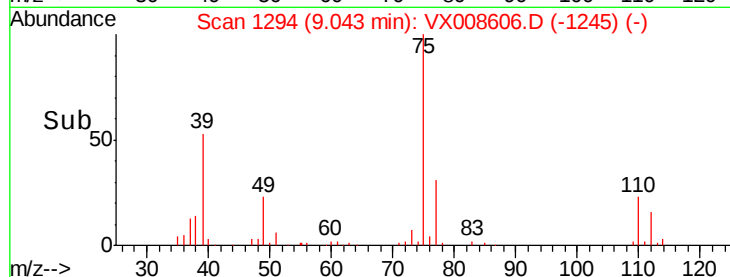
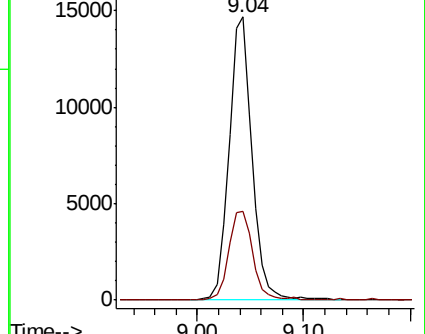
75 100

77 31.2 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 5.248 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

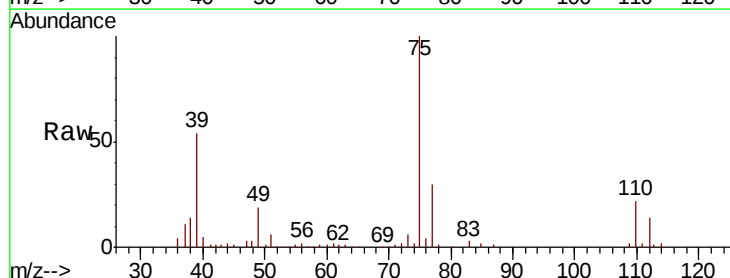
Tgt Ion: 75 Resp: 26404

Ion Ratio Lower Upper

75 100

77 30.2 25.3 37.9

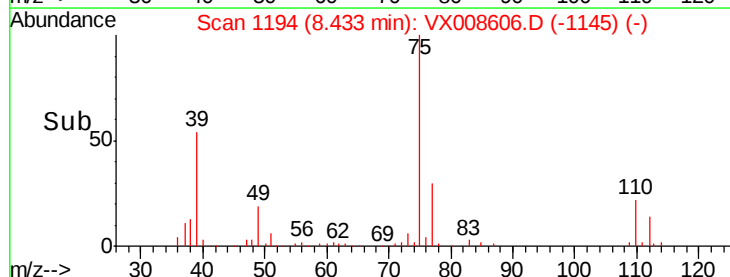
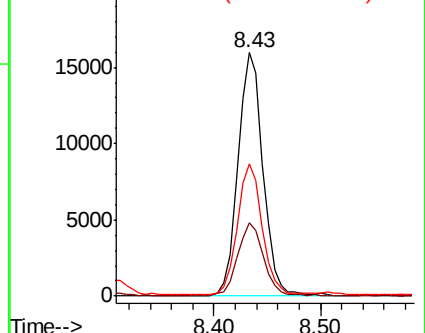
39 53.6 42.6 63.8

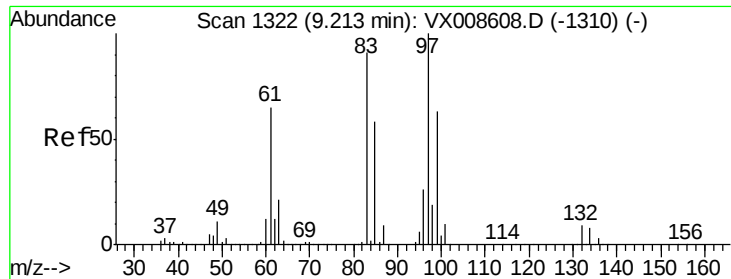


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



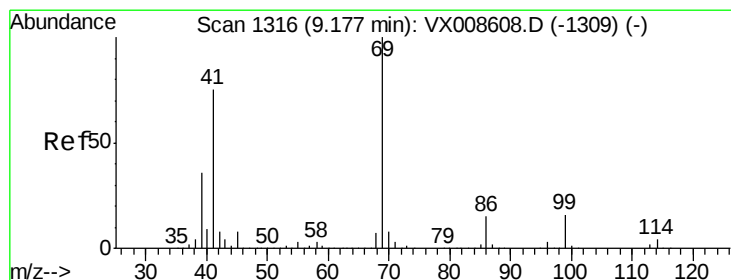
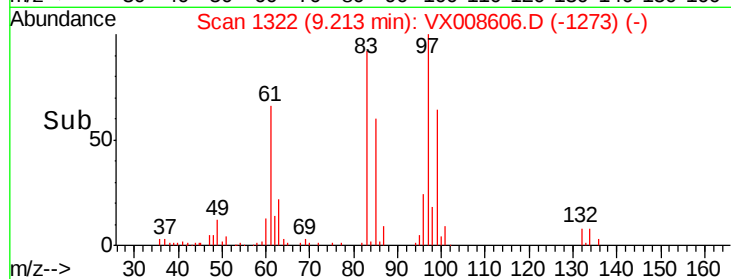
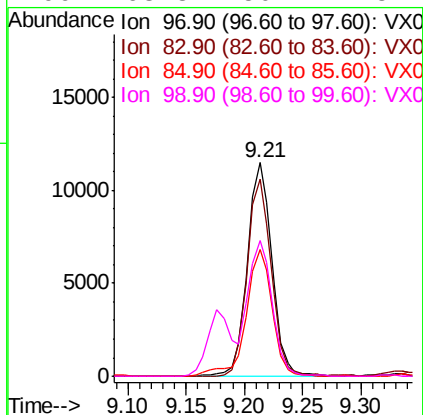
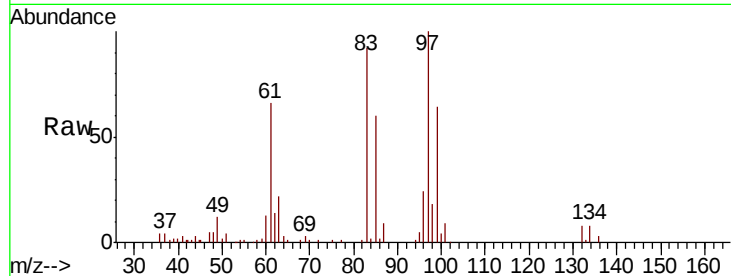


#55
 1,1,2-Trichloroethane
 Concen: 5.696 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008606.D
 Acq: 03 Apr 2019 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 97 Resp: 16975

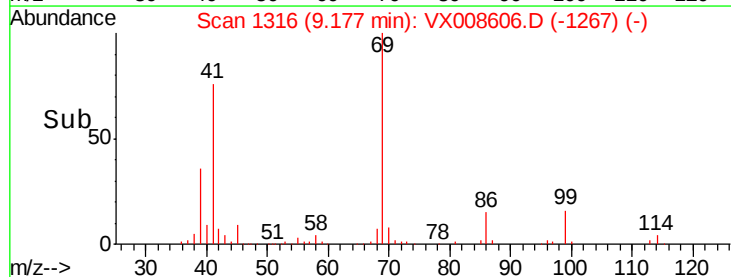
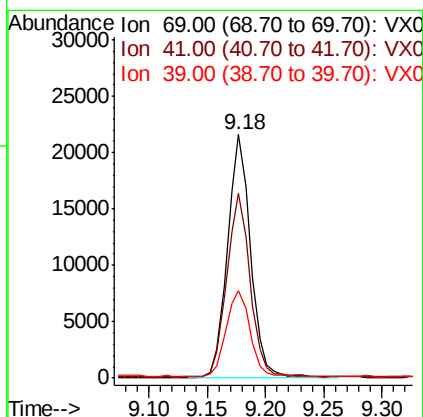
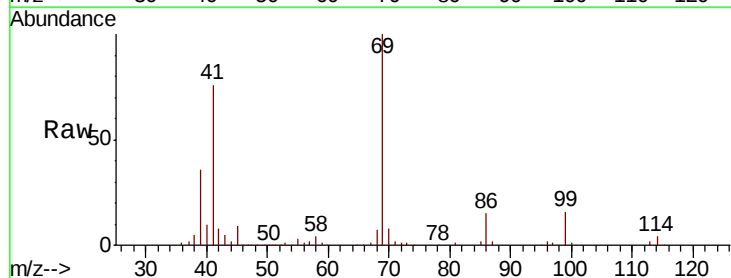
Ion	Ratio	Lower	Upper
97	100		
83	92.2	73.2	109.8
85	59.5	46.6	69.8
99	63.8	50.1	75.1

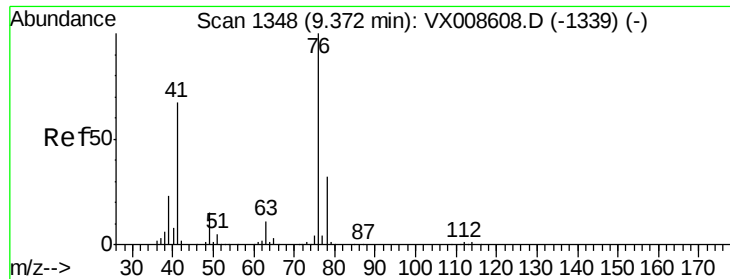


#56
 Ethyl methacrylate
 Concen: 5.591 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008606.D
 Acq: 03 Apr 2019 09:56

Tgt Ion: 69 Resp: 30150

Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.1	90.1
39	37.0	28.9	43.3





#57

1,3-Dichloropropane

Concen: 5.702 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

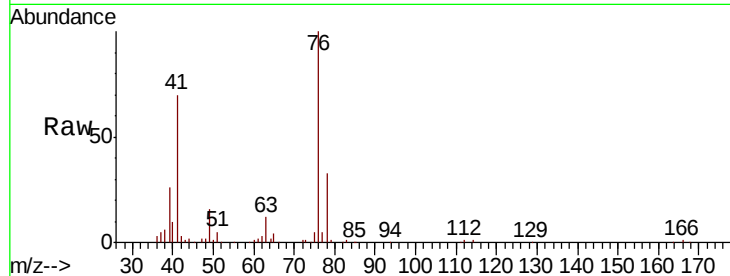
VSTDIC005

Tot Ion: 76 Resp: 30517

Ion Ratio Lower Upper

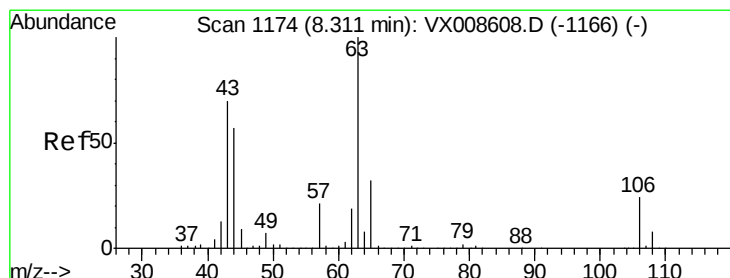
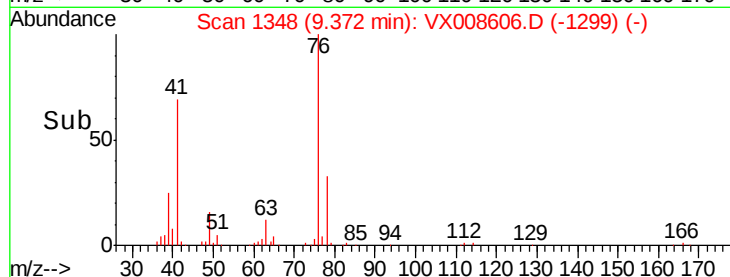
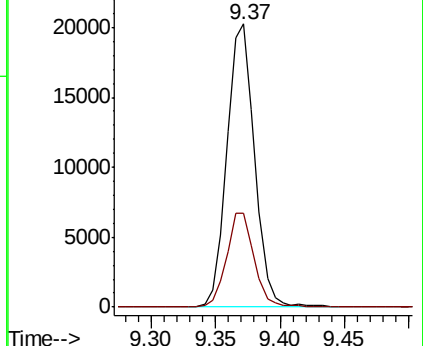
76 100

78 33.5 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 26.262 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008606.D

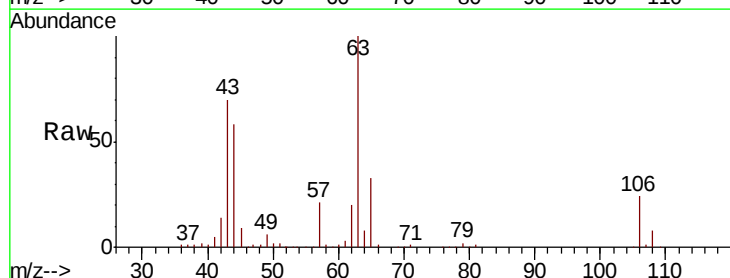
Acq: 03 Apr 2019 09:56

Tgt Ion: 63 Resp: 72313

Ion Ratio Lower Upper

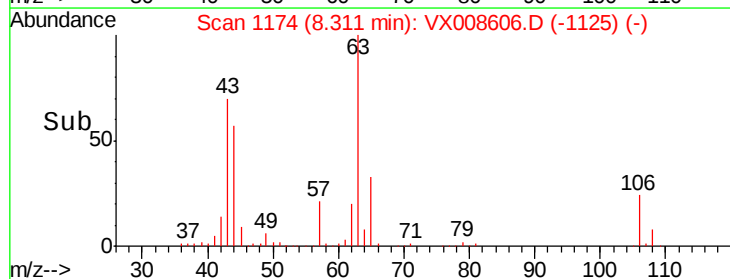
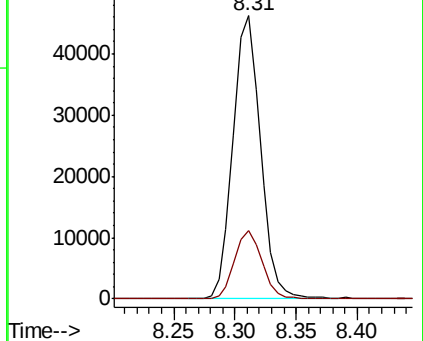
63 100

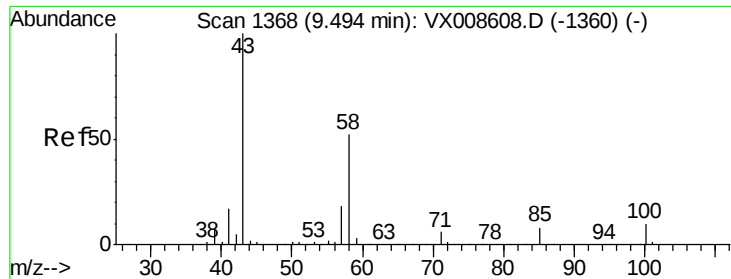
106 24.0 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

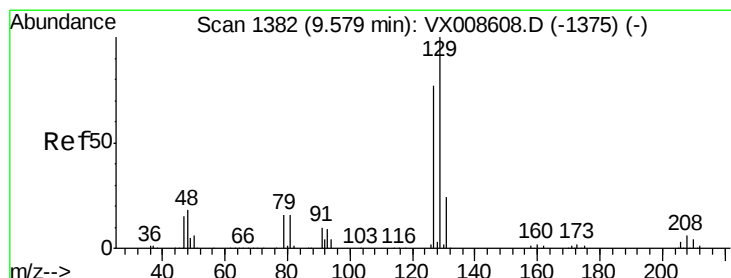
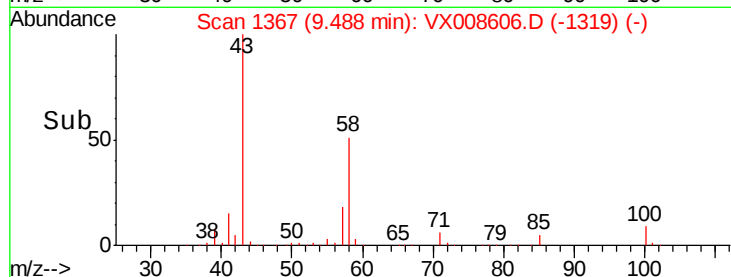
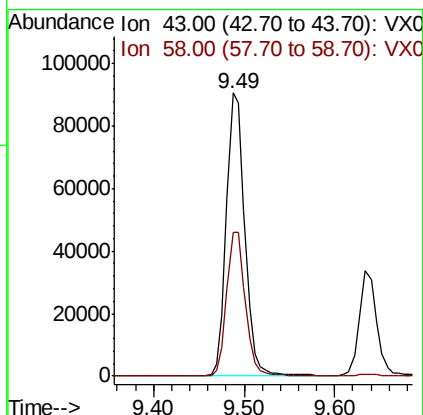
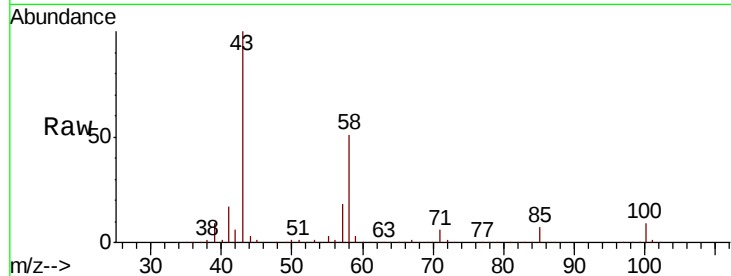




#59
2-Hexanone
Concen: 29.030 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

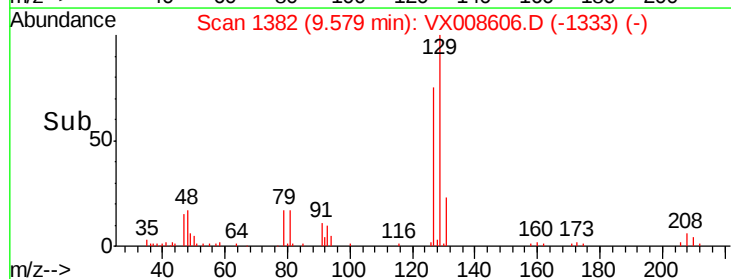
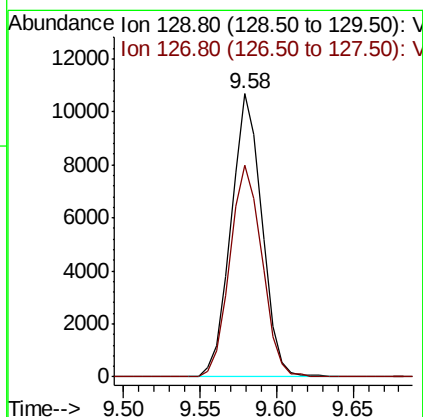
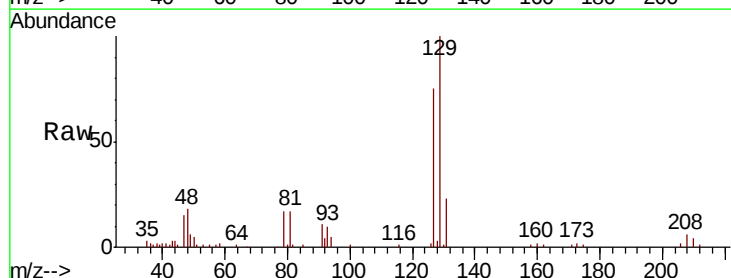
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

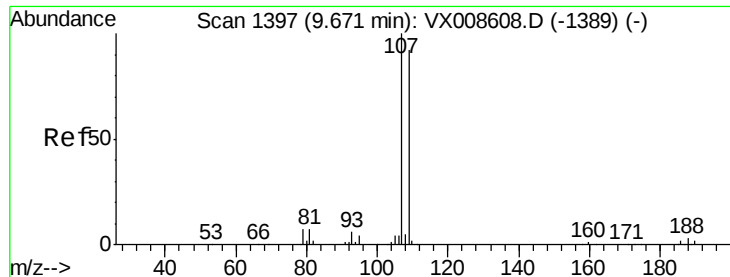
Tot Ion: 43 Resp: 128378
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7



#60
Dibromochloromethane
Concen: 5.323 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Tgt Ion: 129 Resp: 14950
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 5.602 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampled :

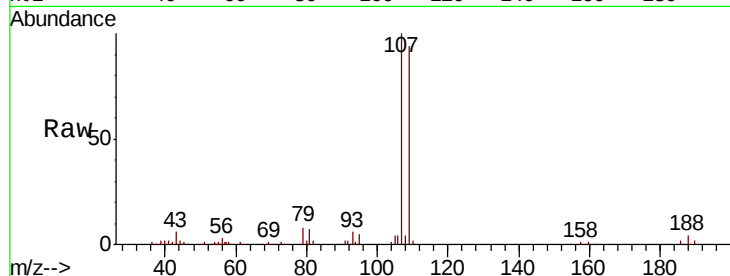
VSTDIC005

Tot Ion:107 Resp: 17381

Ion Ratio Lower Upper

107 100

109 93.4 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

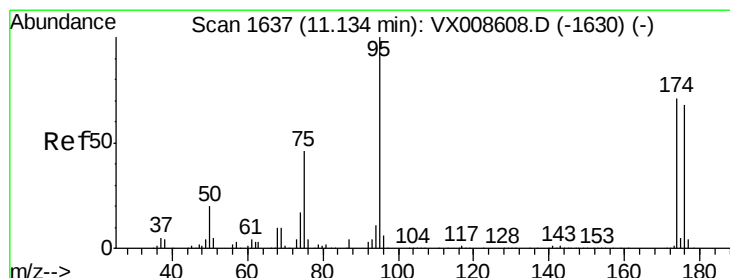
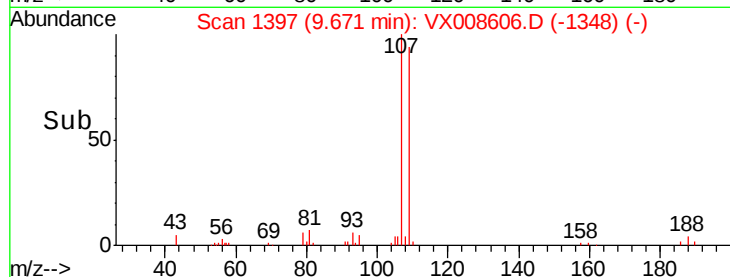
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 5.237 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

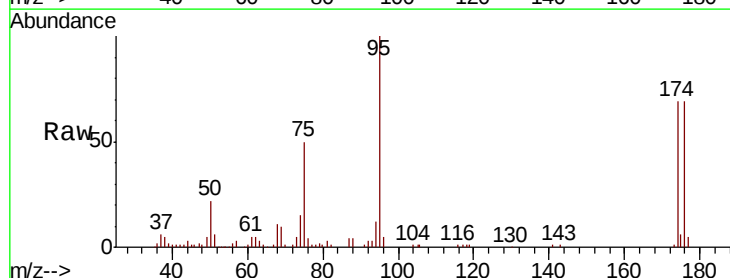
Tgt Ion: 95 Resp: 18284

Ion Ratio Lower Upper

95 100

174 73.6 0.0 151.8

176 72.8 0.0 145.8



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

20000

15000

11.13

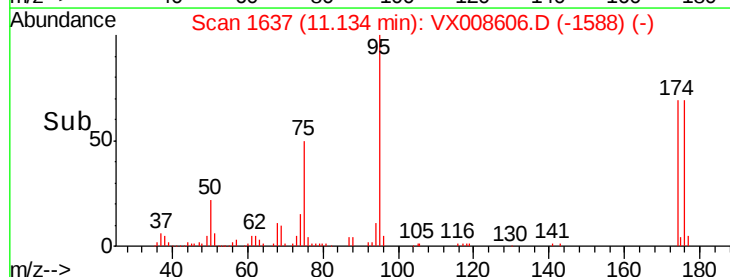
10000

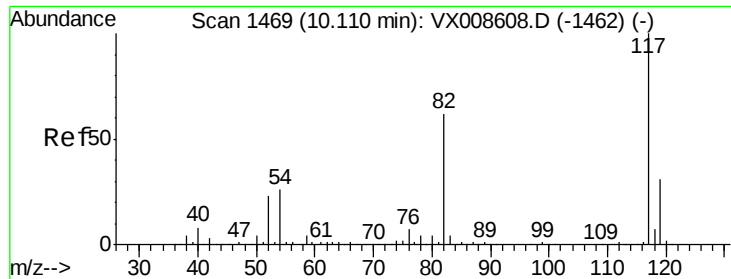
5000

0

Time-->

11.10 11.20

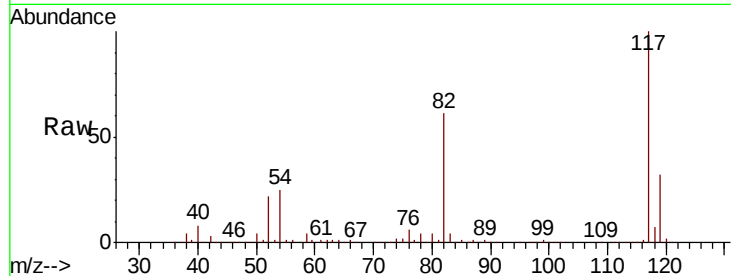




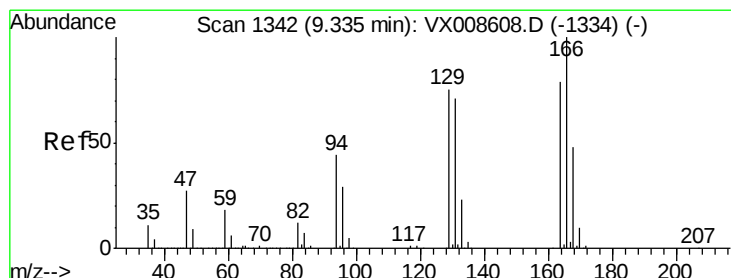
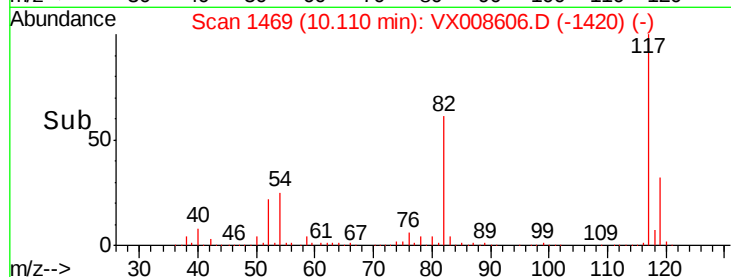
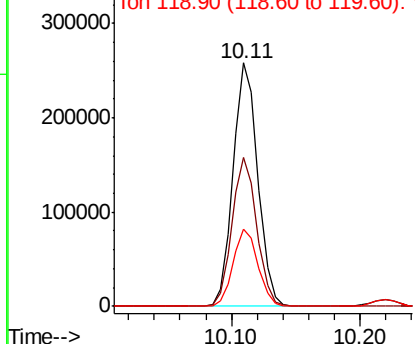
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:117 Resp: 346096
Ion Ratio Lower Upper
117 100
82 61.0 49.6 74.4
119 31.6 25.0 37.4

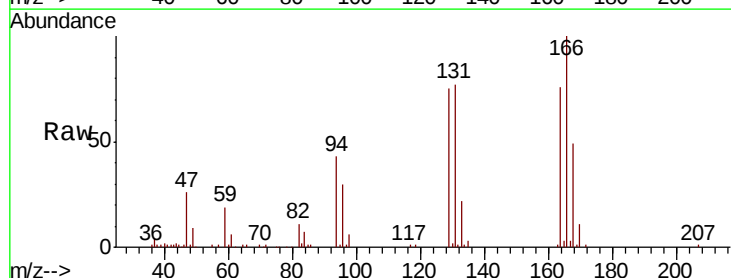


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

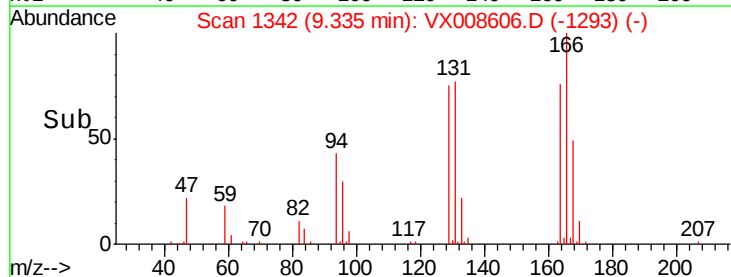
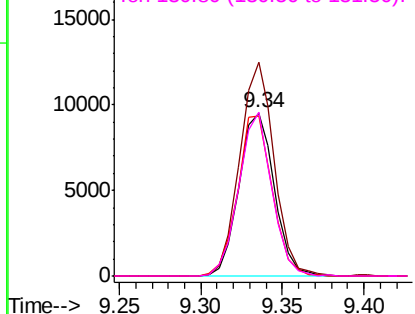


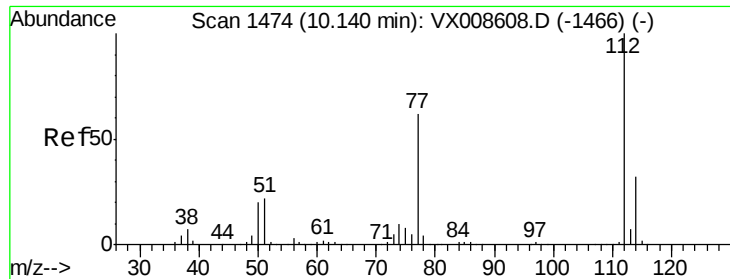
#64
Tetrachloroethene
Concen: 5.582 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Tgt Ion:164 Resp: 14313
Ion Ratio Lower Upper
164 100
166 131.0 101.0 151.6
129 98.4 75.8 113.8
131 100.6 71.8 107.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 5.581 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

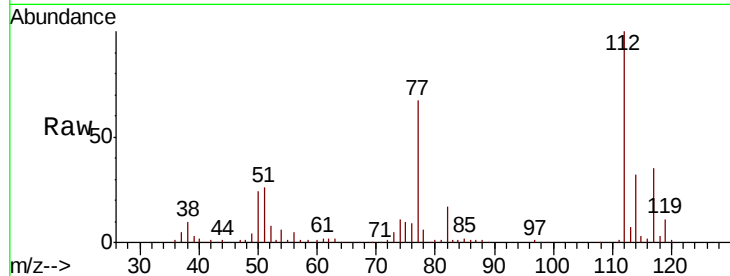
VSTDIC005

Tot Ion:112 Resp: 42818

Ion Ratio Lower Upper

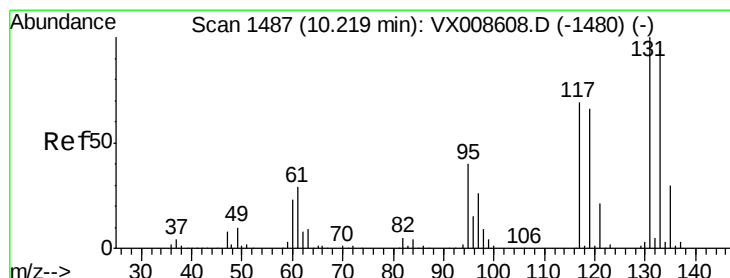
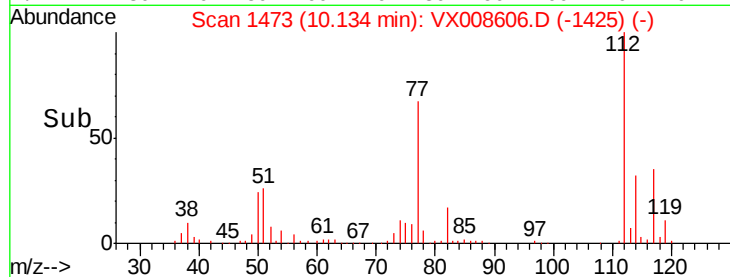
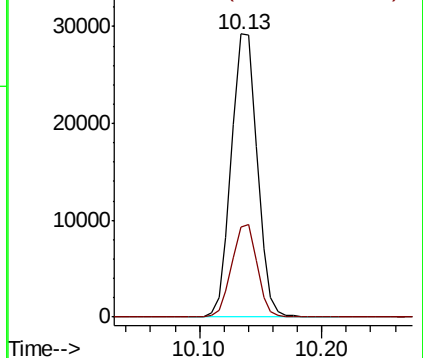
112 100

114 32.0 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.352 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

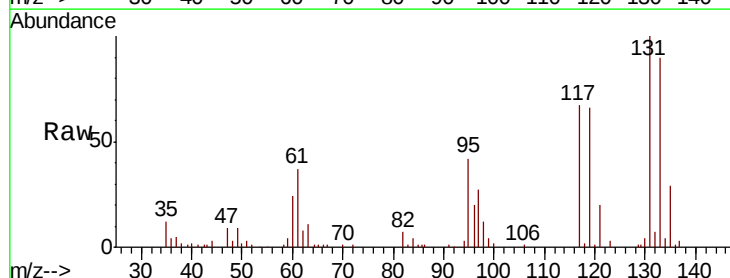
Tgt Ion:131 Resp: 14405

Ion Ratio Lower Upper

131 100

133 94.3 47.0 141.2

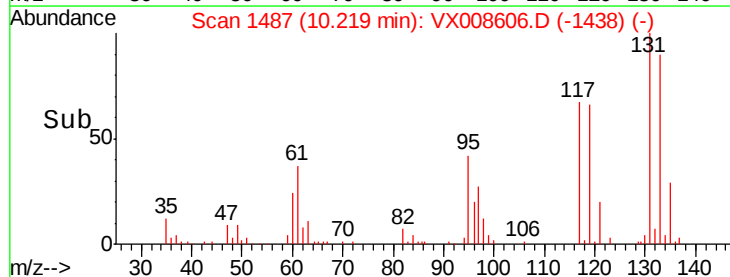
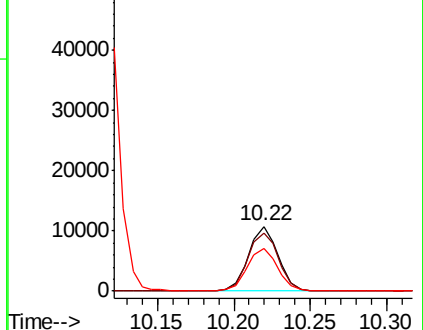
119 68.4 33.7 101.0

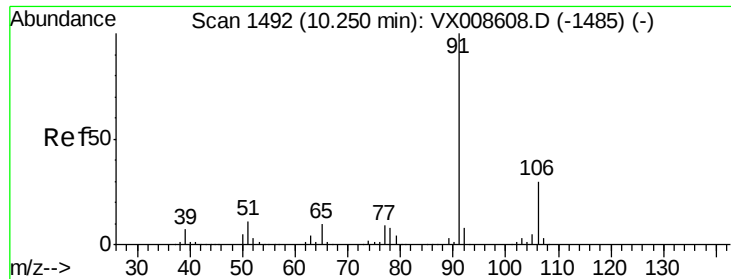


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

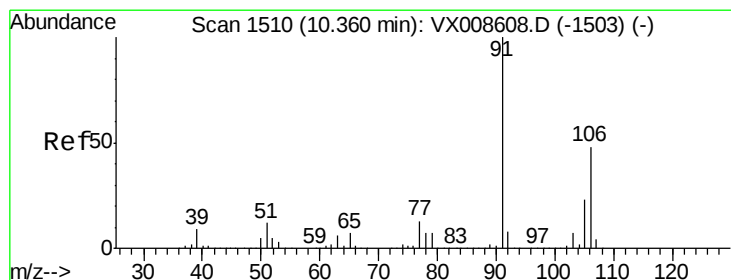
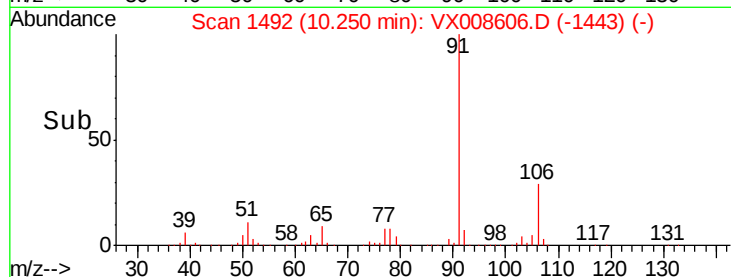
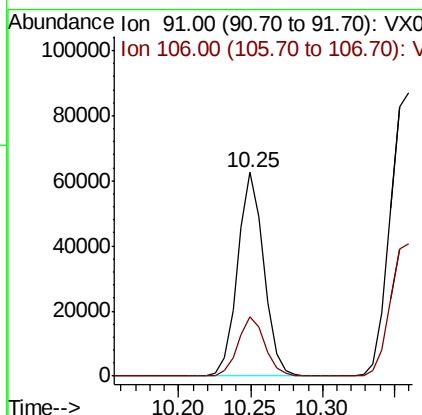
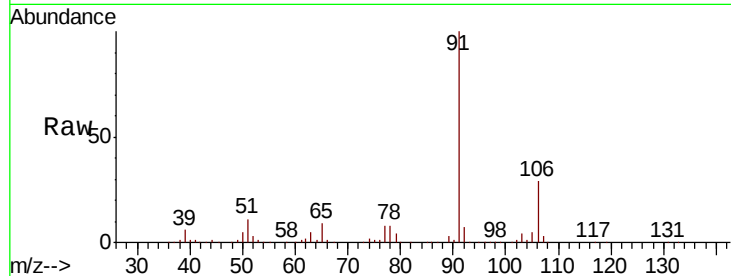




#67
Ethyl Benzene
Concen: 5.564 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

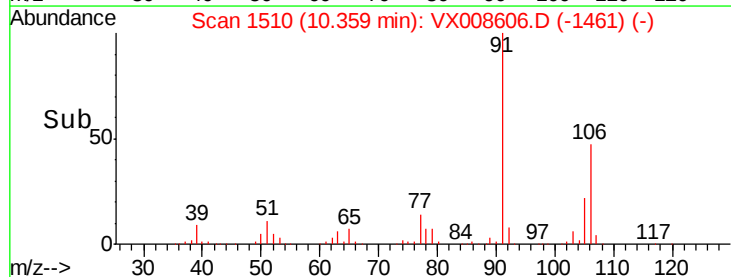
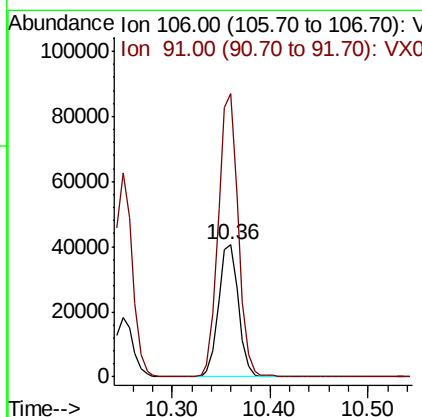
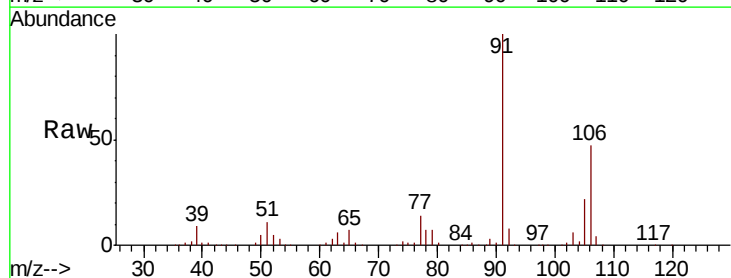
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

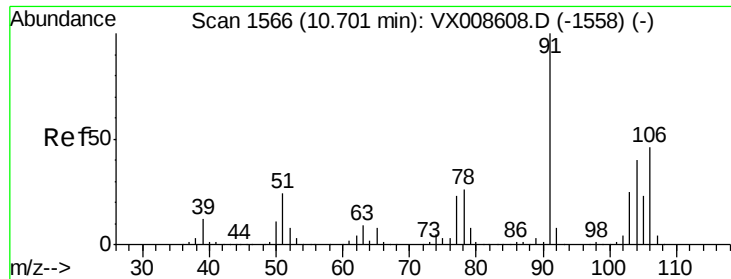
Tot Ion: 91 Resp: 79598
Ion Ratio Lower Upper
91 100
106 29.4 23.7 35.5



#68
m/p-Xylenes
Concen: 11.191 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Tgt Ion: 106 Resp: 57561
Ion Ratio Lower Upper
106 100
91 211.4 168.5 252.7

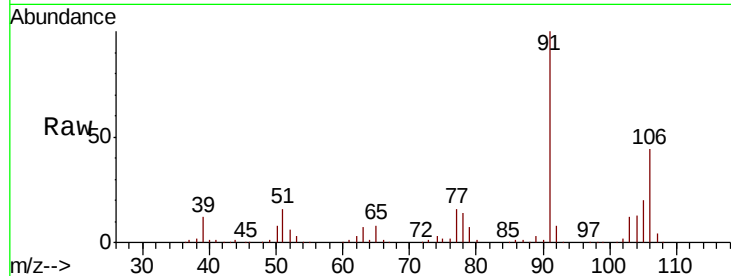




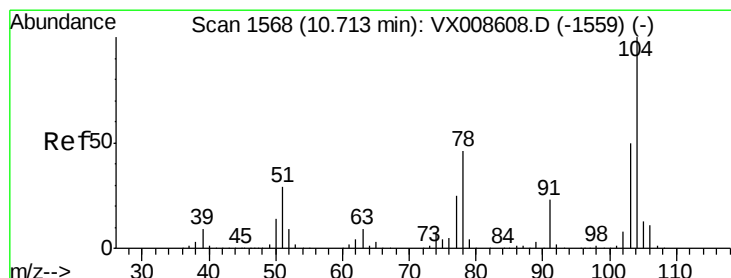
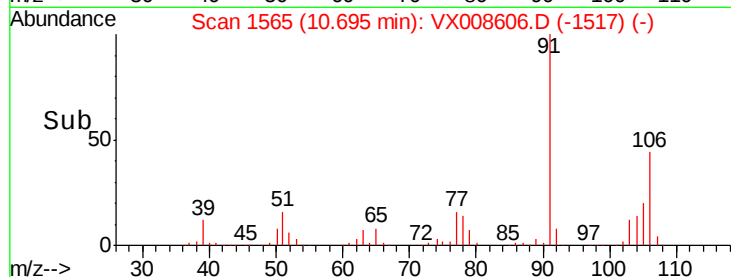
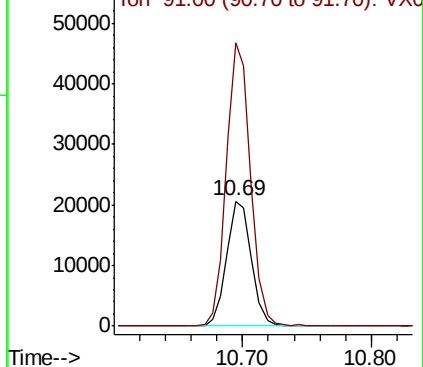
#69
o-Xylene
Concen: 5.594 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 27883
Ion Ratio Lower Upper
106 100
91 221.8 111.5 334.4

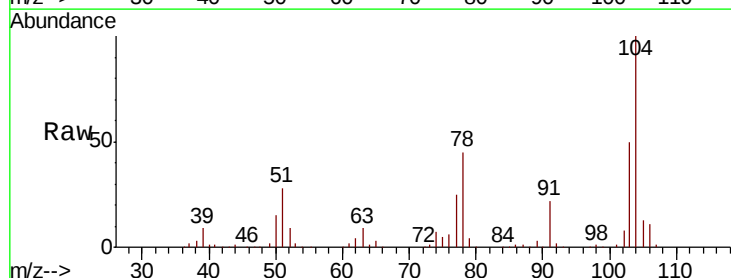


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

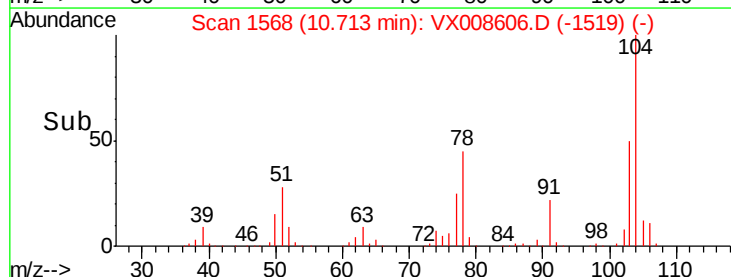
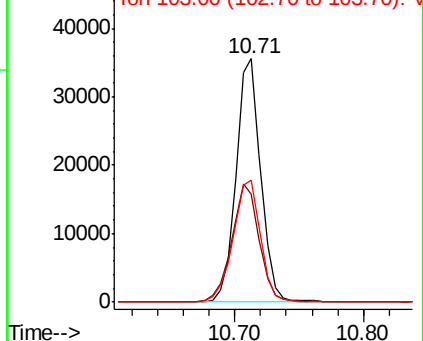


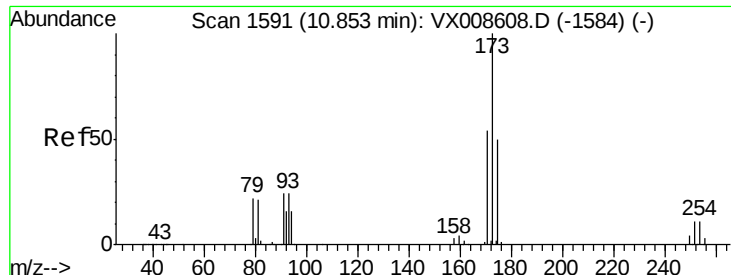
#70
Styrene
Concen: 5.510 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Tgt Ion:104 Resp: 47347
Ion Ratio Lower Upper
104 100
78 54.3 42.3 63.5
103 56.0 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 5.073 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

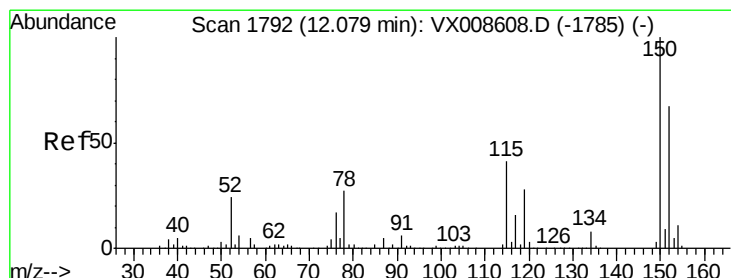
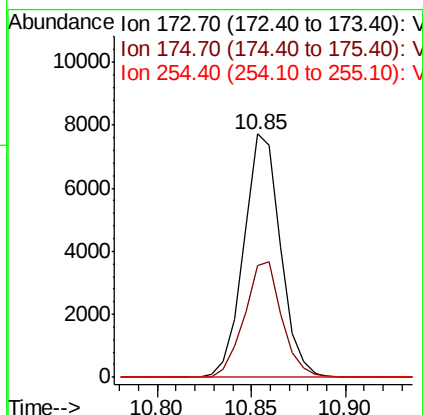
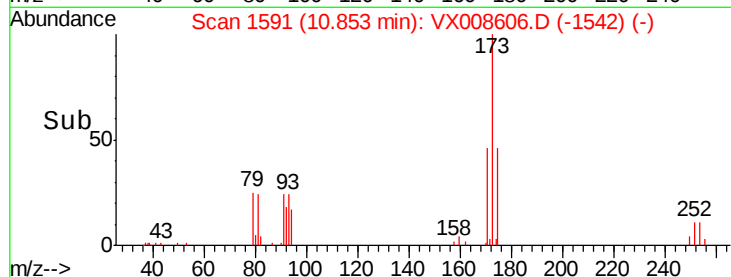
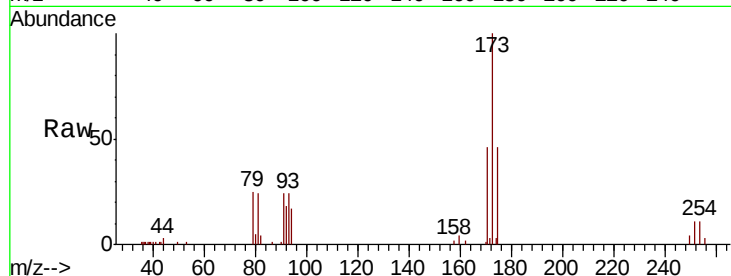
Tot Ion:173 Resp: 10428

Ion Ratio Lower Upper

173 100

175 48.4 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

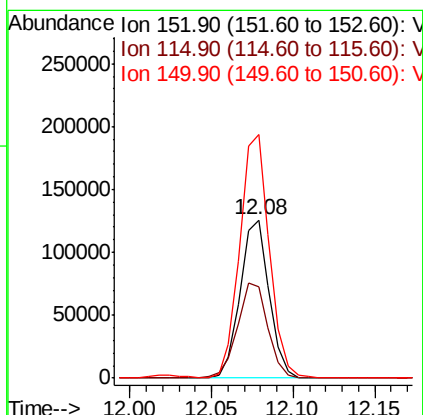
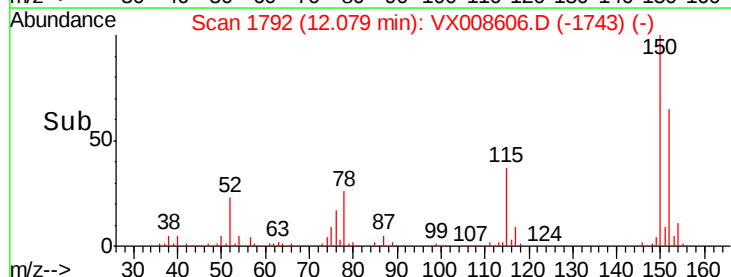
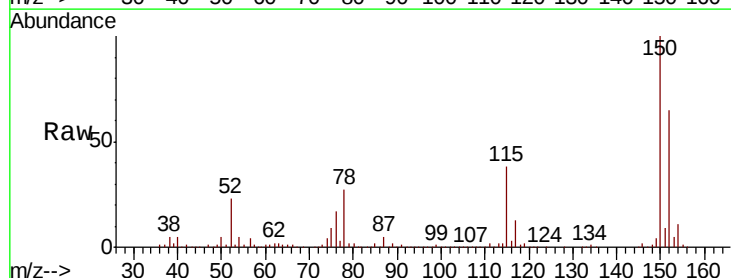
Tgt Ion:152 Resp: 155661

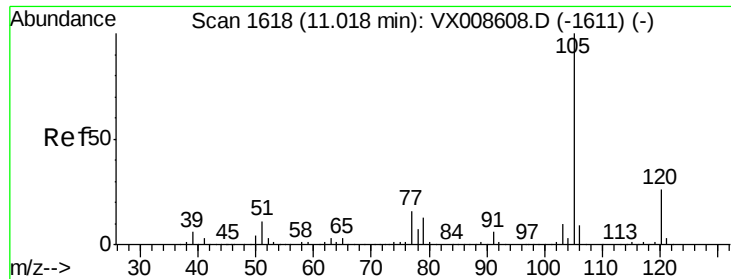
Ion Ratio Lower Upper

152 100

115 63.4 43.5 130.5

150 157.6 0.0 348.8

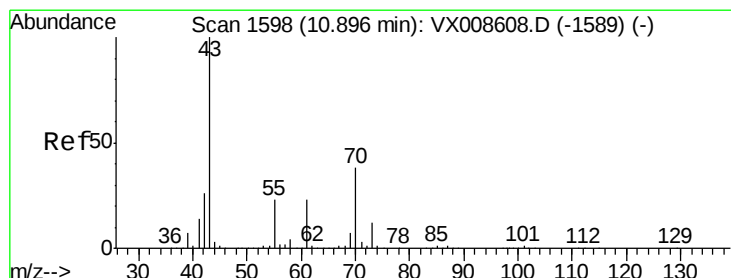
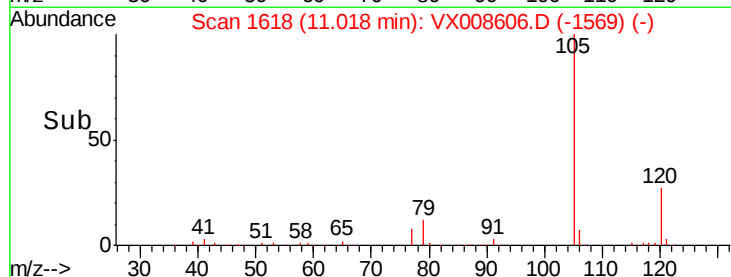
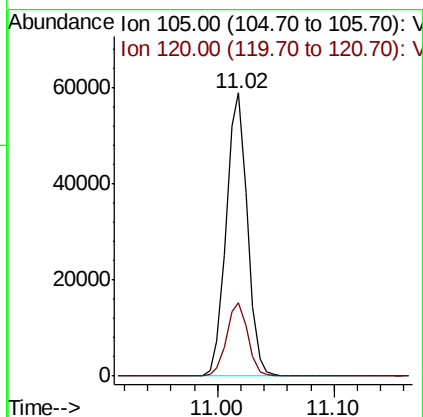
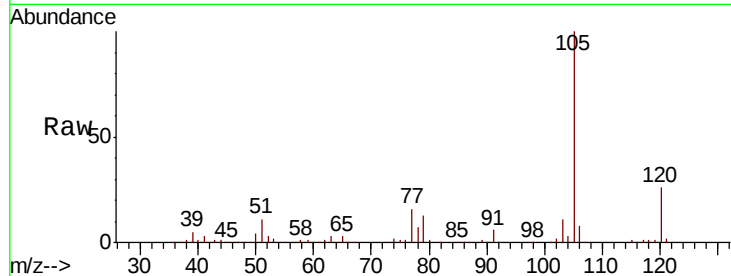




#73
Isopropylbenzene
Concen: 5.738 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

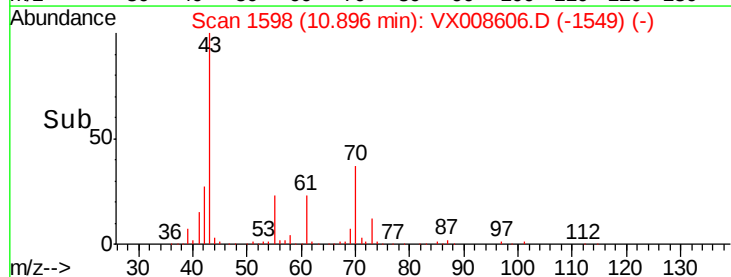
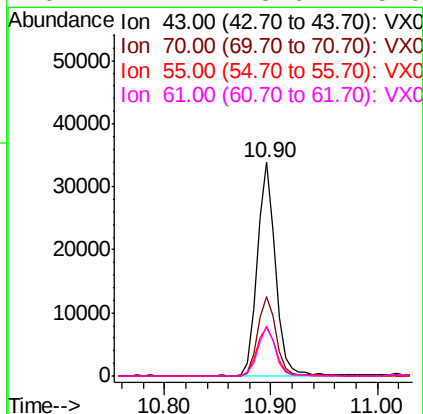
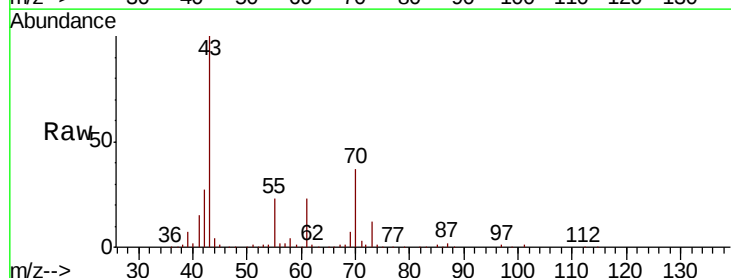
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

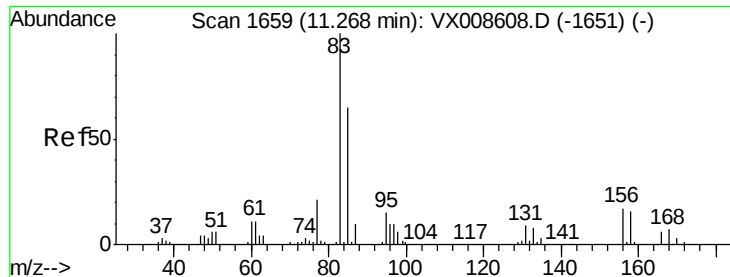
Tot Ion:105 Resp: 74020
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6



#74
N-ethyl acetate
Concen: 5.367 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Tgt Ion: 43 Resp: 40734
Ion Ratio Lower Upper
43 100
70 38.1 30.2 45.4
55 24.3 18.2 27.4
61 22.7 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.774 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

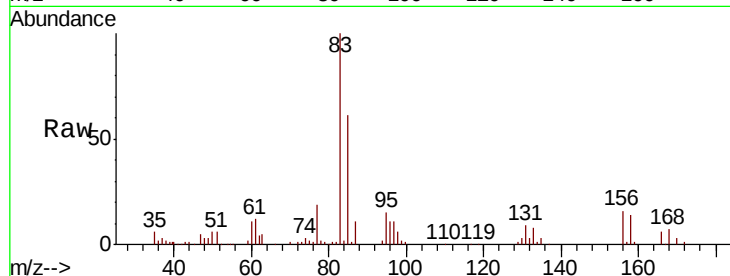
Tot Ion: 83 Resp: 28329

Ion Ratio Lower Upper

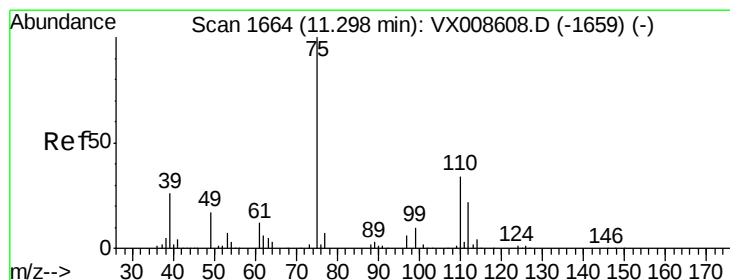
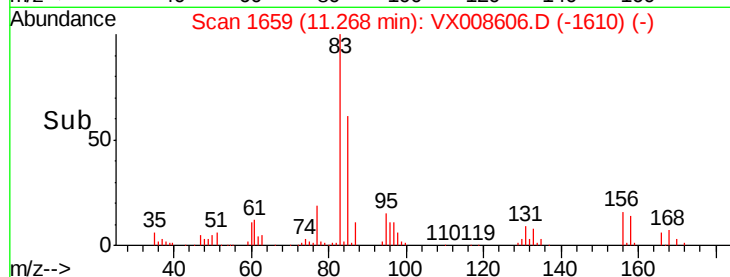
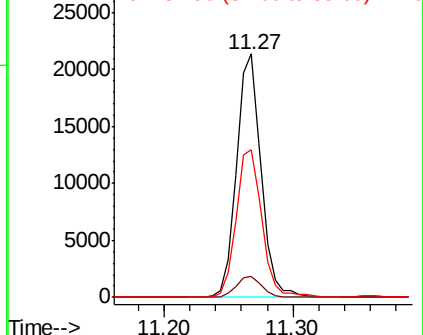
83 100

131 8.9 4.5 13.7

85 63.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.800 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008606.D

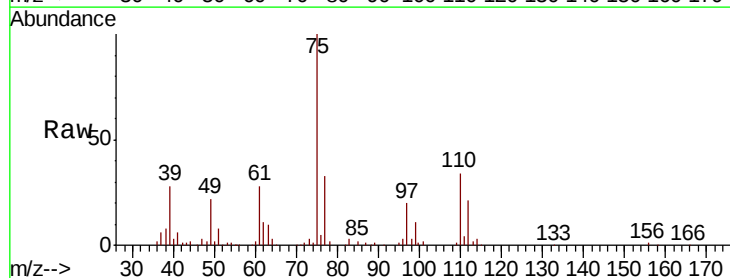
Acq: 03 Apr 2019 09:56

Tgt Ion: 75 Resp: 31294

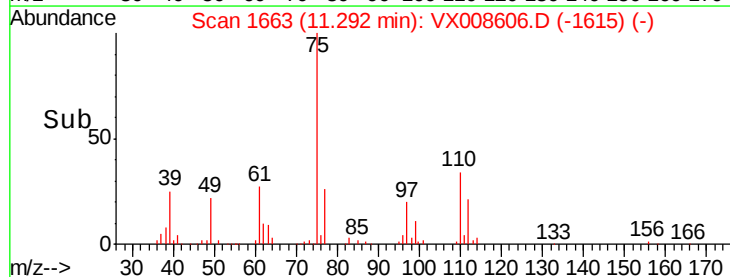
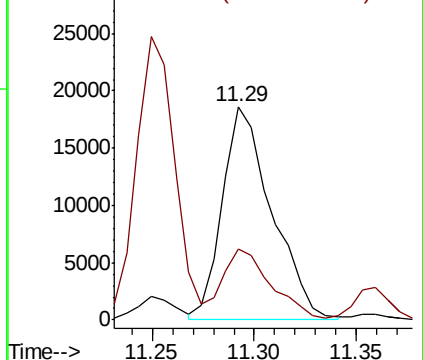
Ion Ratio Lower Upper

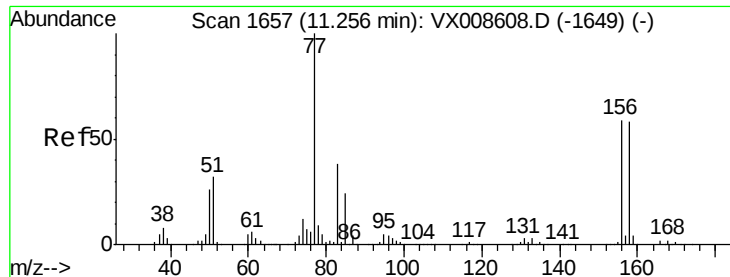
75 100

77 32.5 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.642 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

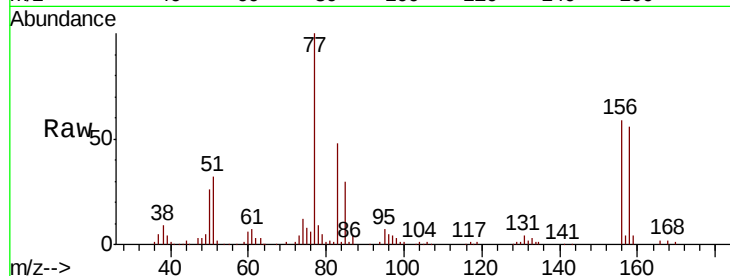
Tot Ion:156 Resp: 17496

Ion Ratio Lower Upper

156 100

77 185.2 89.8 269.6

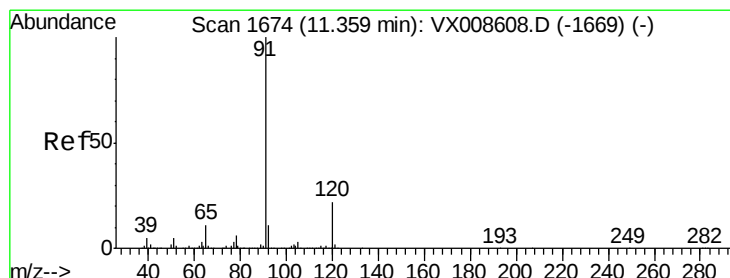
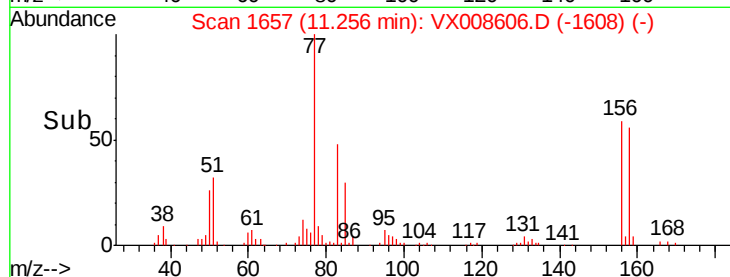
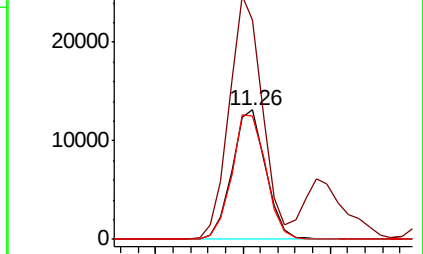
158 97.7 48.6 145.9



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: 5.715 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008606.D

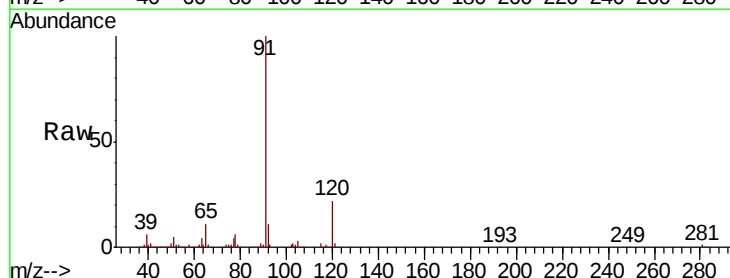
Acq: 03 Apr 2019 09:56

Tgt Ion: 91 Resp: 85844

Ion Ratio Lower Upper

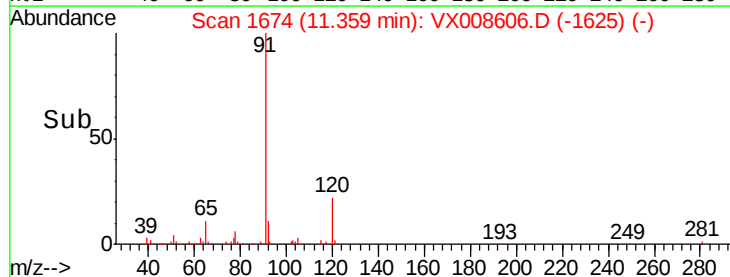
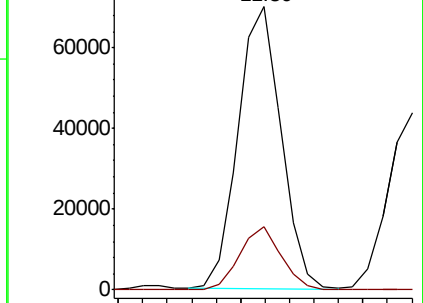
91 100

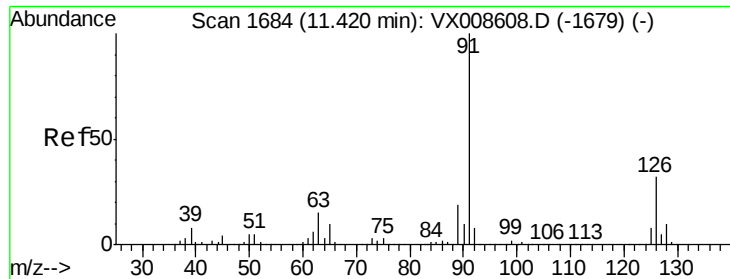
120 21.5 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

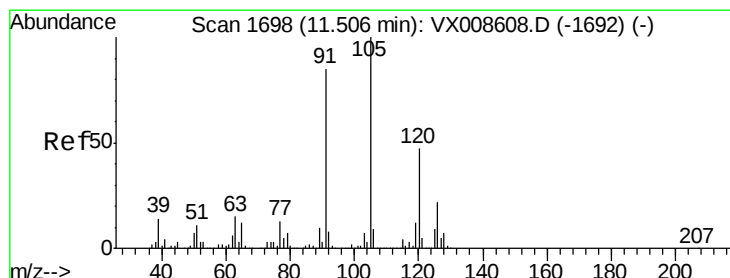
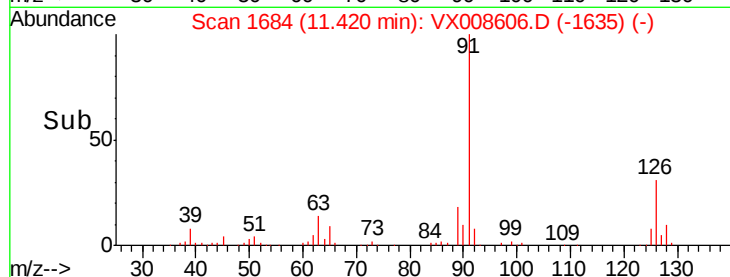
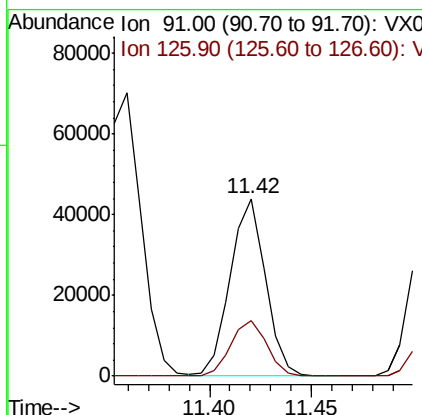
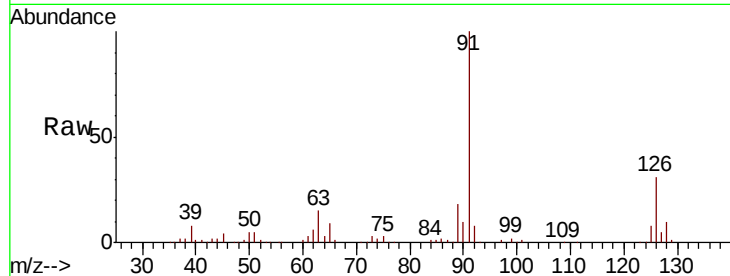




#79
 2-Chlorotoluene
 Concen: 5.766 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008606.D
 Acq: 03 Apr 2019 09:56

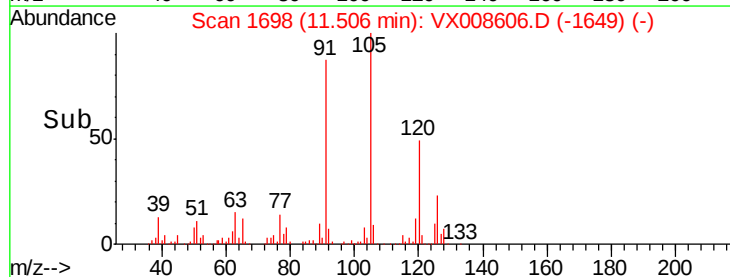
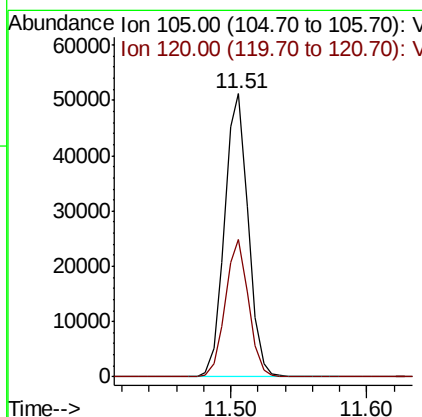
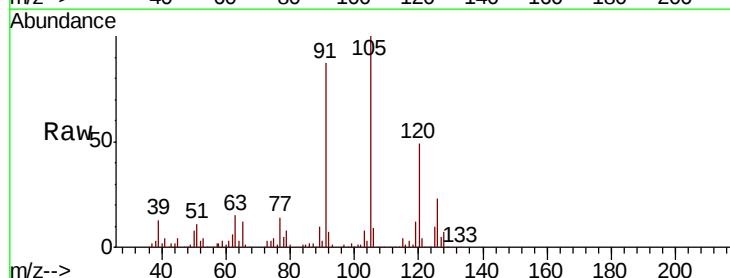
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

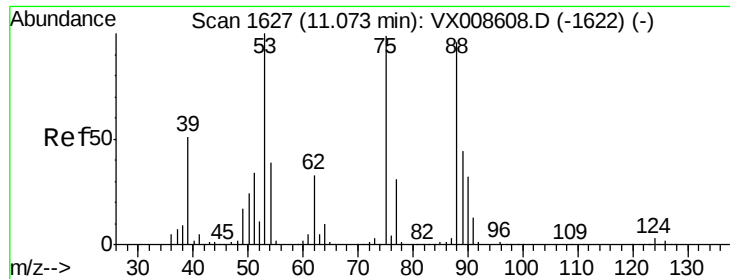
Tot Ion: 91 Resp: 52415
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 5.696 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008606.D
 Acq: 03 Apr 2019 09:56

Tgt Ion: 105 Resp: 61682
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 4.991 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

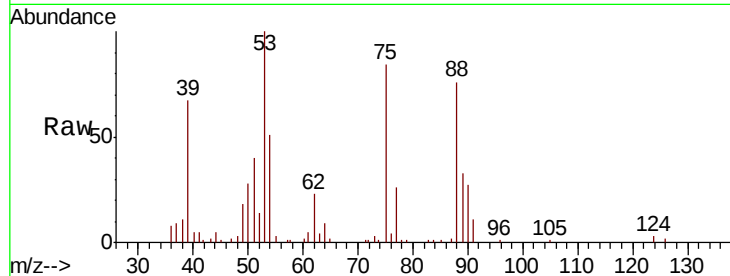
Tot Ion: 75 Resp: 7743

Ion Ratio Lower Upper

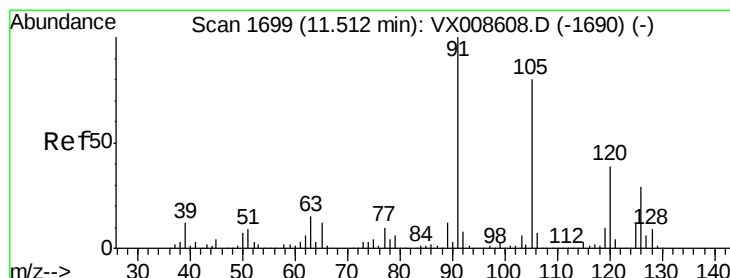
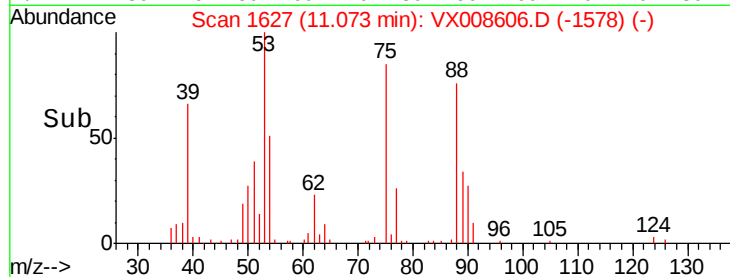
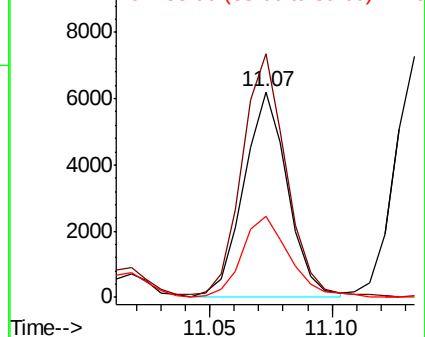
75 100

53 119.9 81.3 121.9

89 43.0 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.648 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008606.D

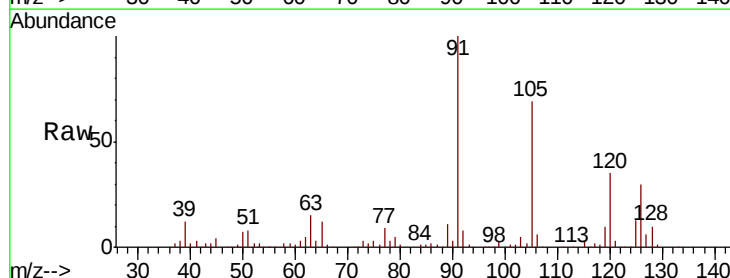
Acq: 03 Apr 2019 09:56

Tgt Ion: 91 Resp: 59427

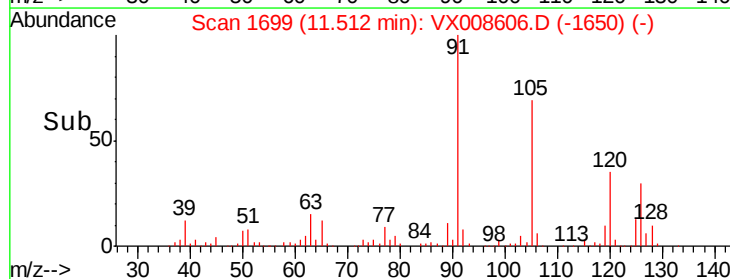
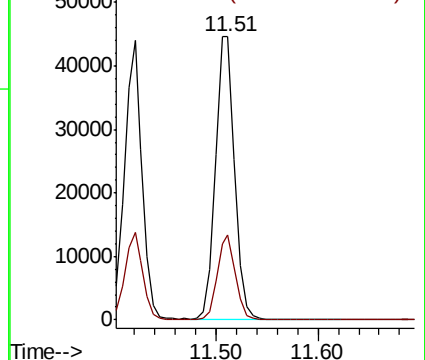
Ion Ratio Lower Upper

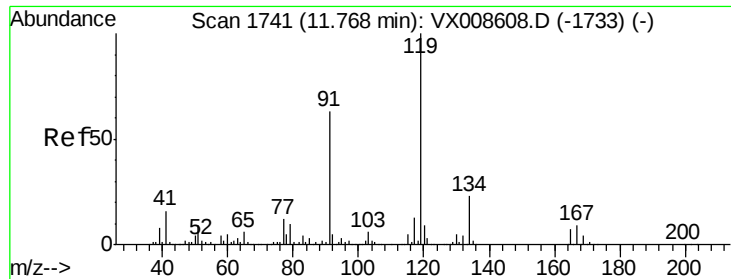
91 100

126 28.3 13.9 41.6



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

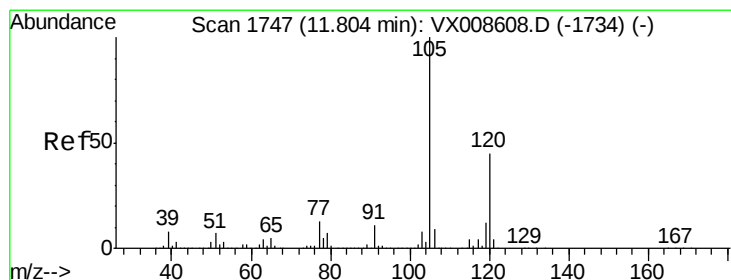
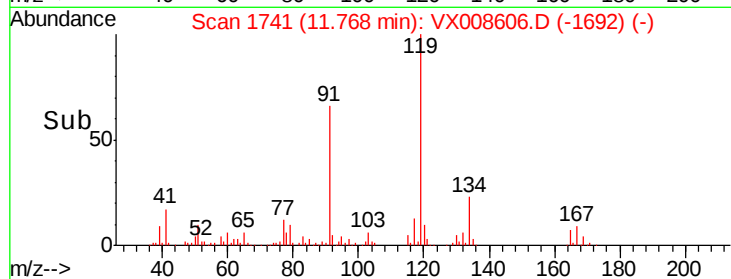
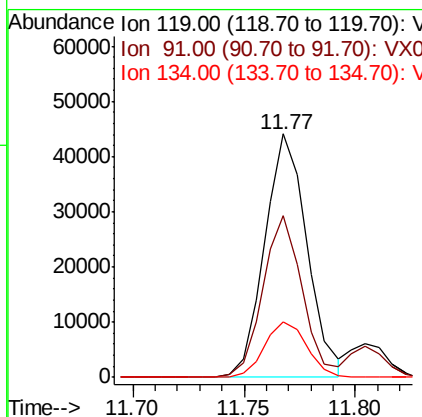
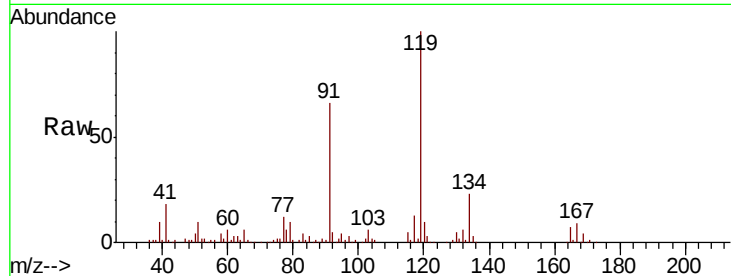




#83
tert-Butylbenzene
Concen: 5.587 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

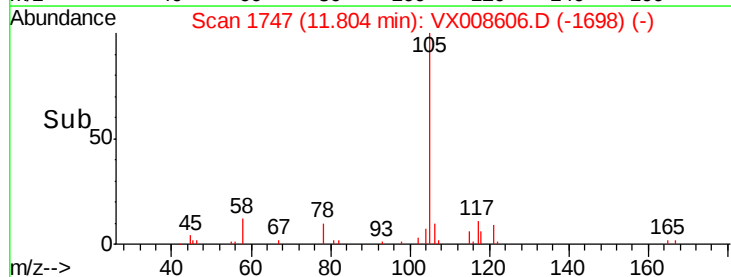
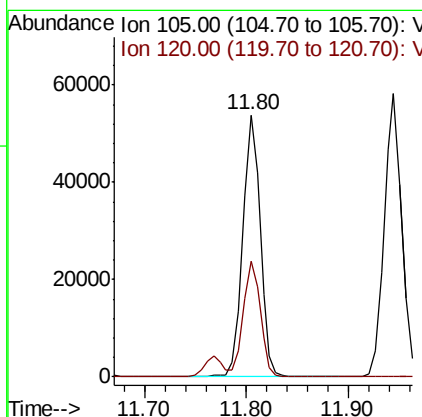
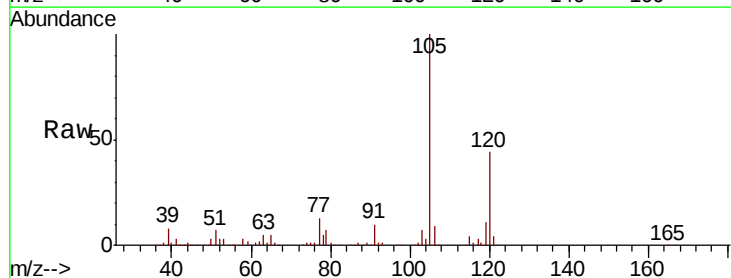
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

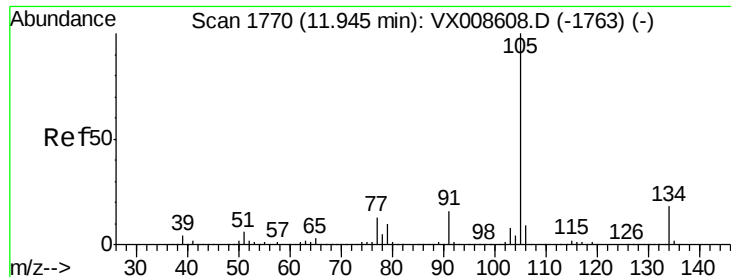
Tot Ion:119 Resp: 58207
Ion Ratio Lower Upper
119 100
91 62.1 30.0 90.1
134 22.9 11.1 33.3



#84
1,2,4-Trimethylbenzene
Concen: 5.791 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Tgt Ion:105 Resp: 63499
Ion Ratio Lower Upper
105 100
120 43.5 21.8 65.3





#85

sec-Butylbenzene

Concen: 5.692 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

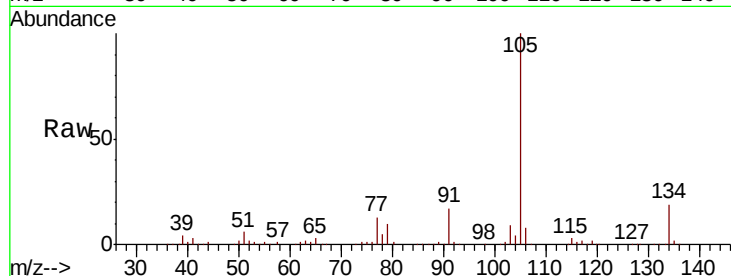
VSTDIC005

Tot Ion:105 Resp: 70432

Ion Ratio Lower Upper

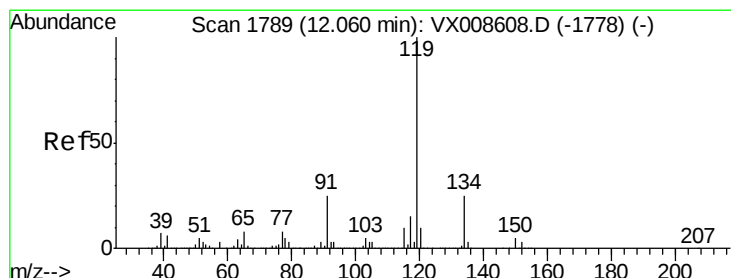
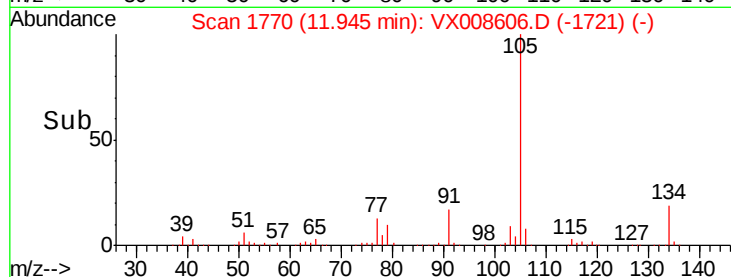
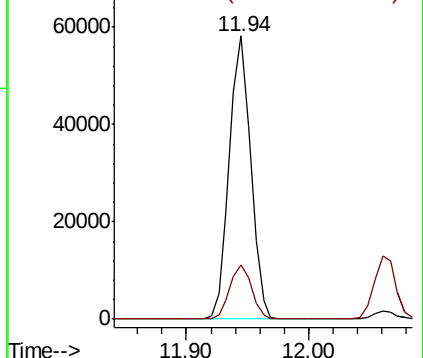
105 100

134 19.5 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.654 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

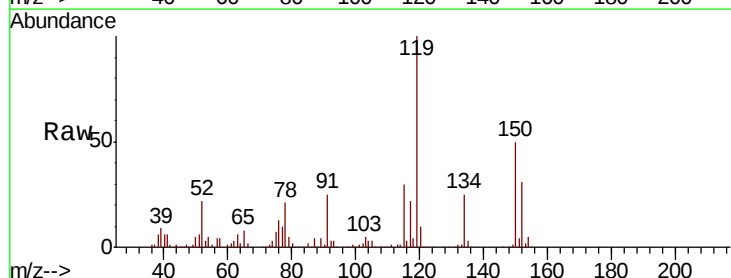
Tgt Ion:119 Resp: 62796

Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

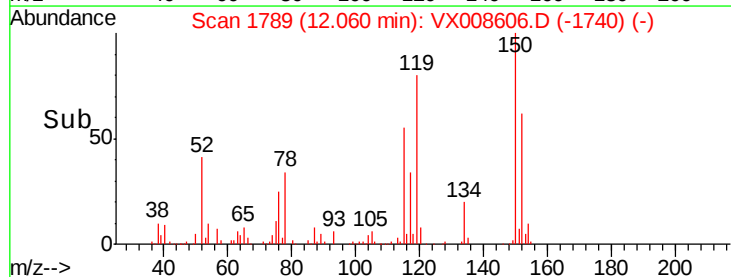
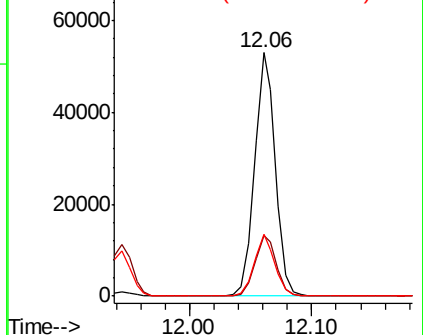
91 25.4 12.2 36.6

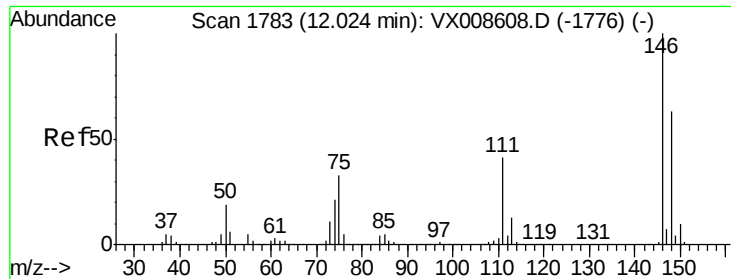


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 5.529 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

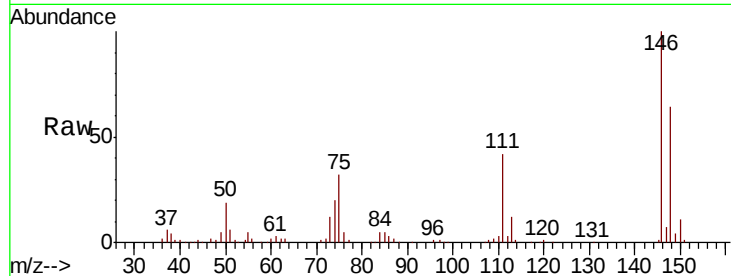
Tot Ion:146 Resp: 30698

Ion Ratio Lower Upper

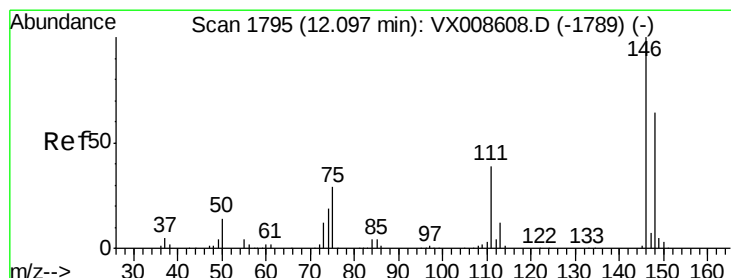
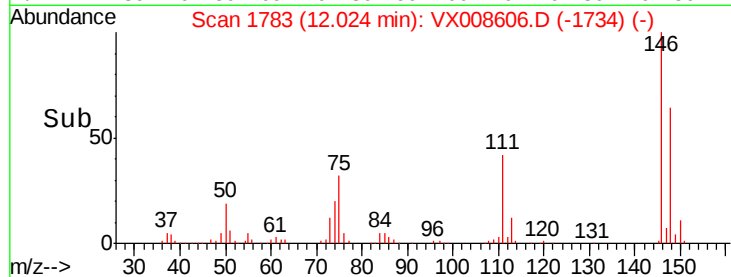
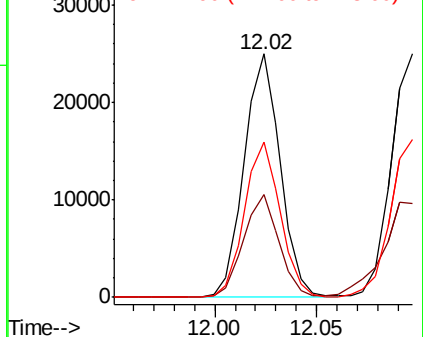
146 100

111 41.8 20.5 61.5

148 63.4 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 5.475 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

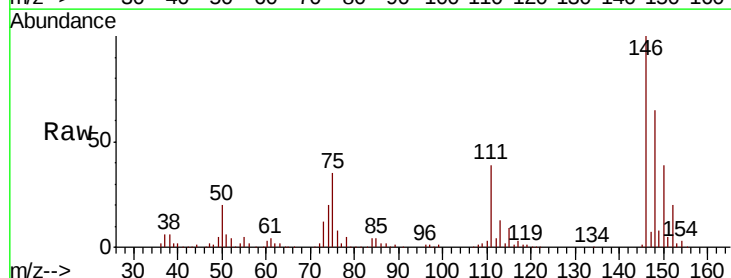
Tgt Ion:146 Resp: 30777

Ion Ratio Lower Upper

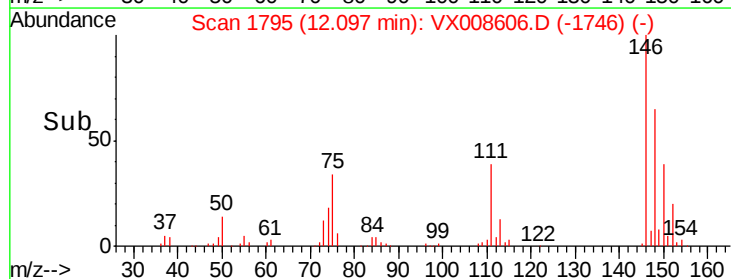
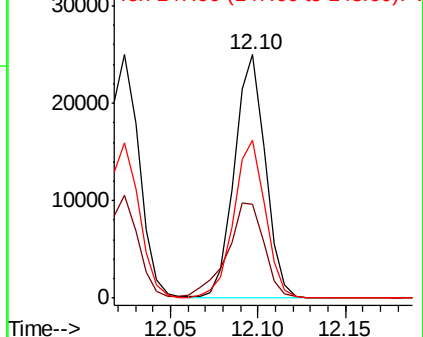
146 100

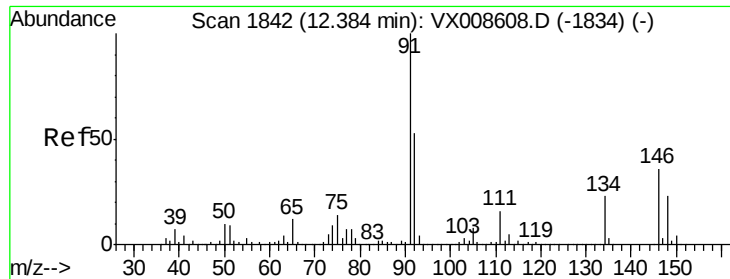
111 46.7 20.2 60.6

148 66.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 5.448 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

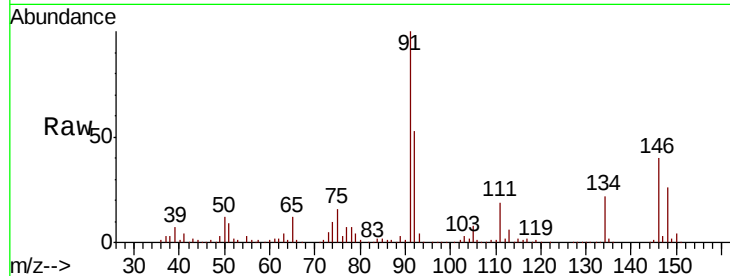
Tot Ion: 91 Resp: 56748

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 23.1 12.0 36.0

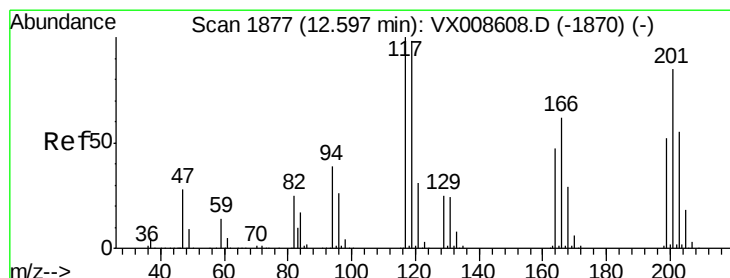
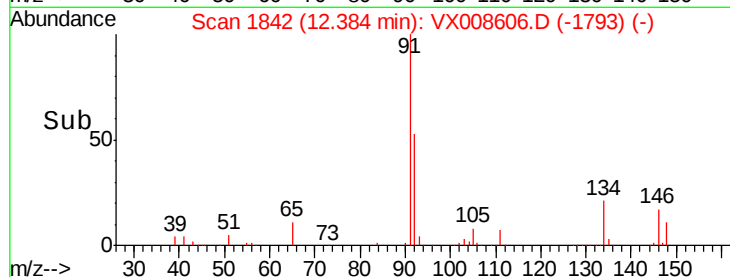


Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX008608.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX008608.D (-1834) (-)

Time-->



#90

Hexachloroethane

Concen: 5.241 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX008606.D

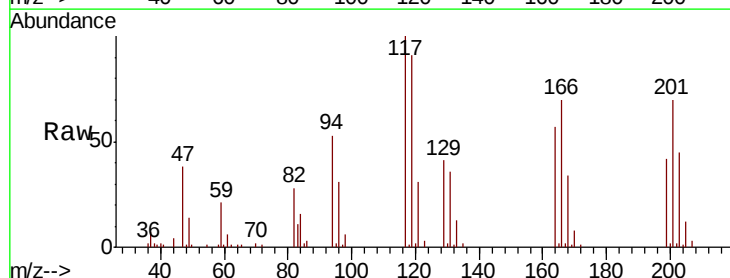
Acq: 03 Apr 2019 09:56

Tgt Ion: 117 Resp: 9654

Ion Ratio Lower Upper

117 100

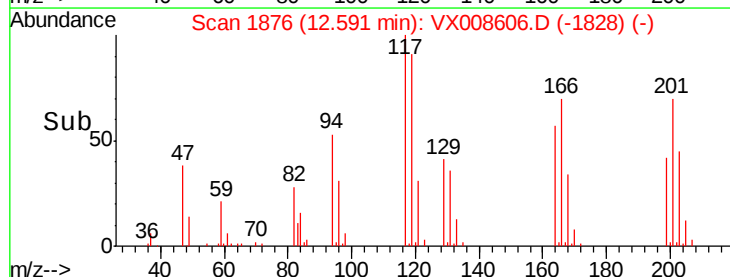
201 81.1 40.6 122.0

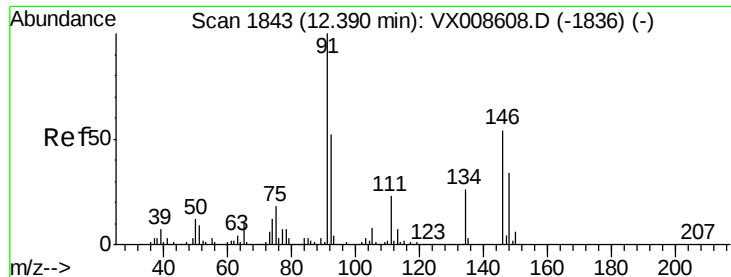


Abundance Ion 116.80 (116.50 to 117.50): VX008606.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX008606.D (-1828) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 5.582 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

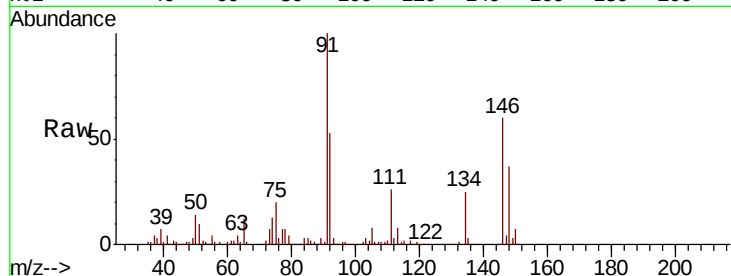
Tot Ion:146 Resp: 30768

Ion Ratio Lower Upper

146 100

111 43.5 21.3 63.9

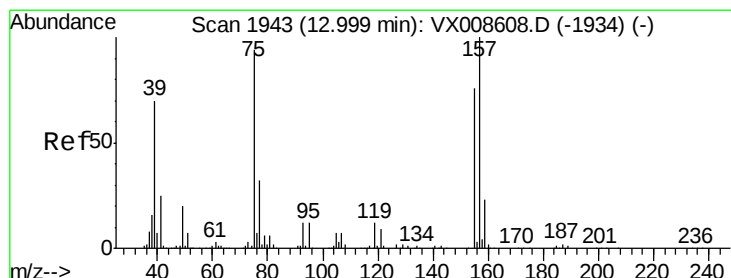
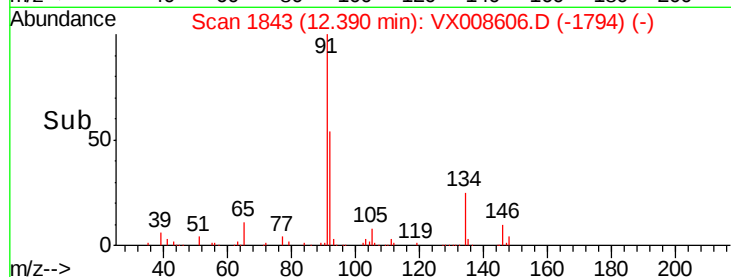
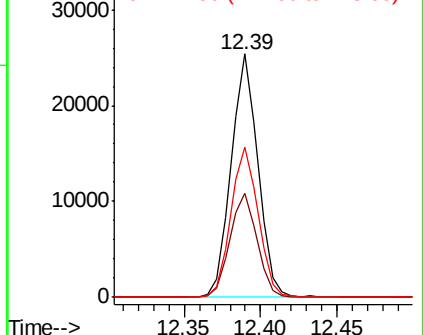
148 62.7 31.7 95.1



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: 5.100 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008606.D

Acq: 03 Apr 2019 09:56

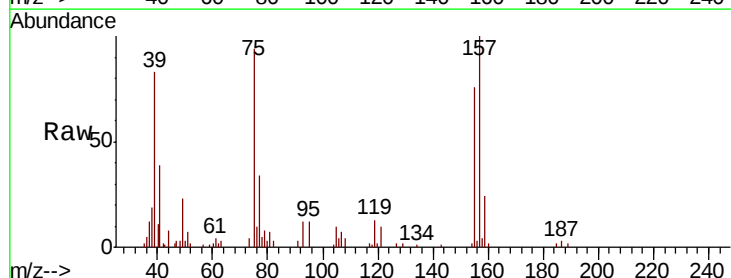
Tgt Ion: 75 Resp: 5504

Ion Ratio Lower Upper

75 100

155 79.8 39.9 119.6

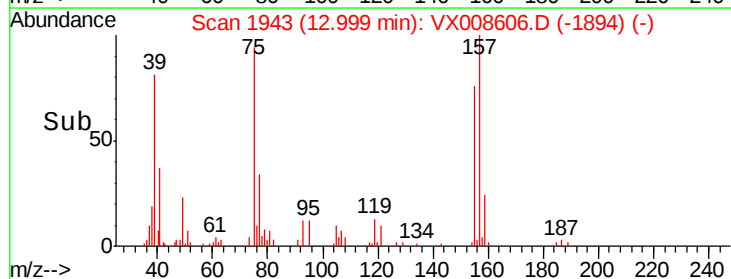
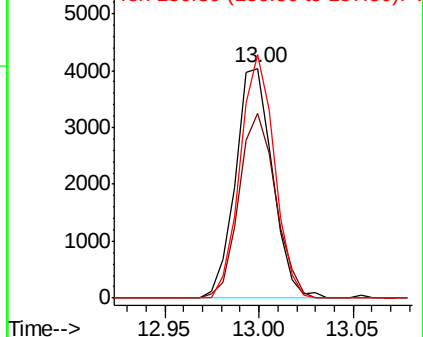
157 97.8 51.5 154.7



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

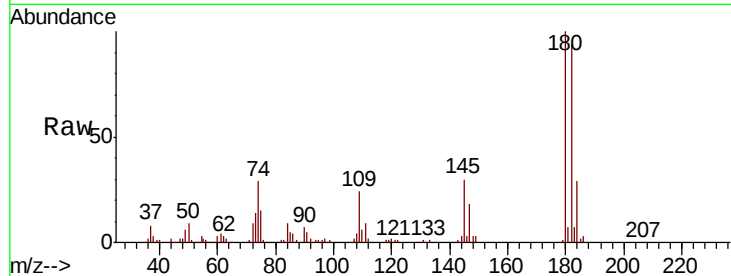




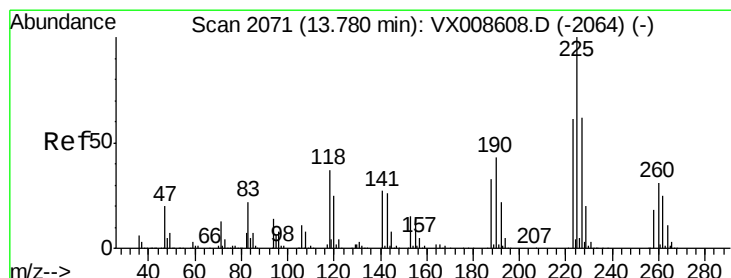
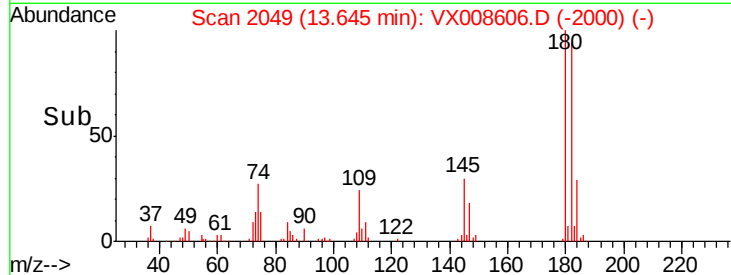
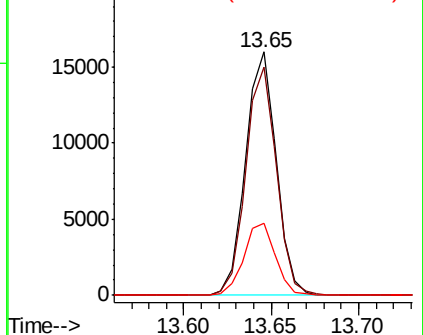
#93
 1,2,4-Trichlorobenzene
 Concen: 5.097 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008606.D
 Acq: 03 Apr 2019 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:180 Resp: 19536
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.2 141.6
 145 30.5 15.3 45.9

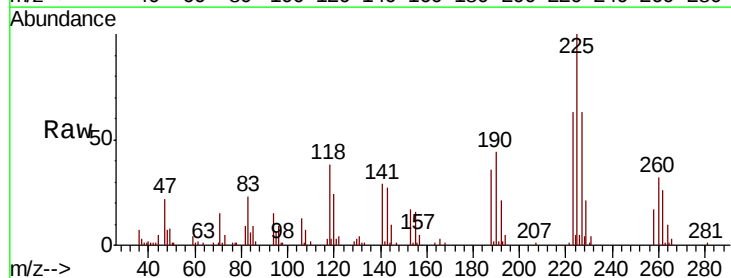


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

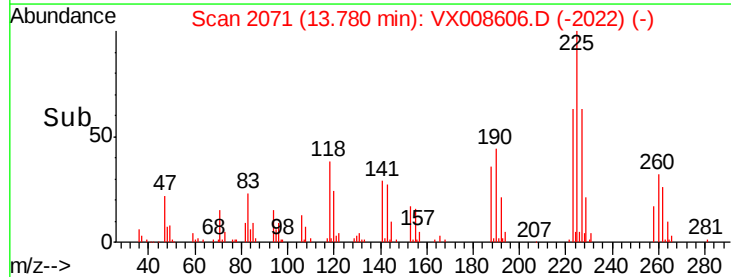
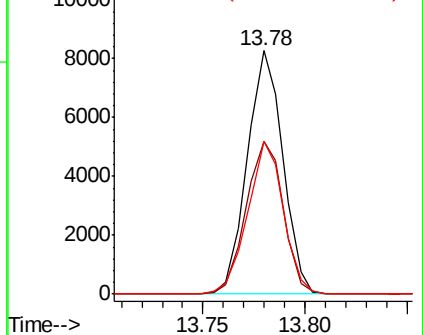


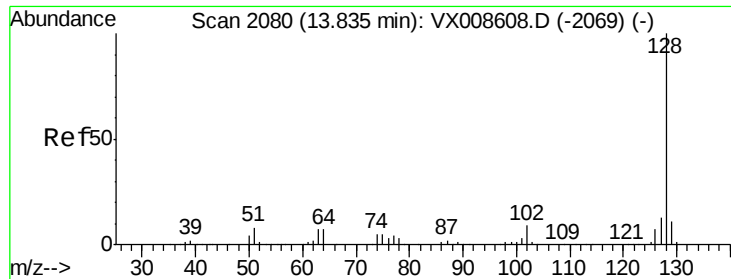
#94
 Hexachlorobutadiene
 Concen: 5.472 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008606.D
 Acq: 03 Apr 2019 09:56

Tgt Ion:225 Resp: 10058
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.2 93.6
 227 62.7 31.9 95.5



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

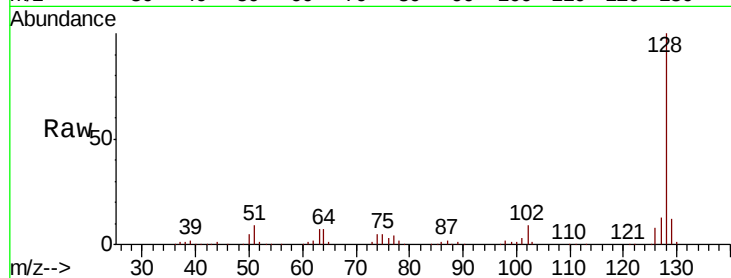




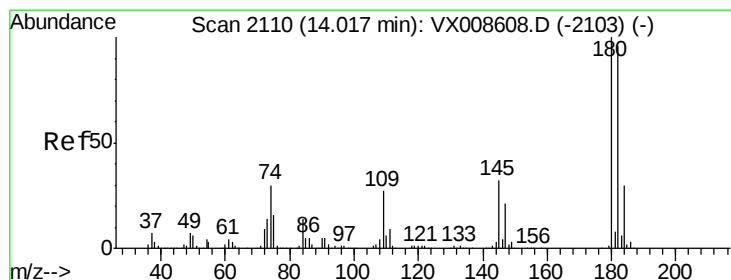
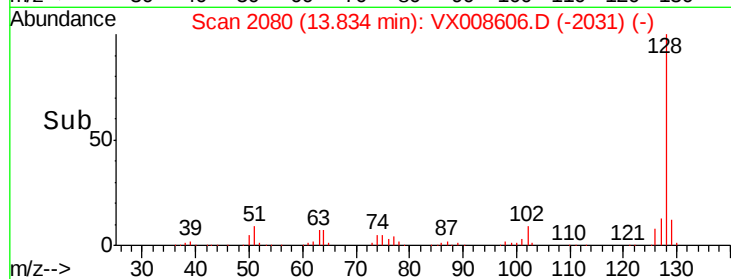
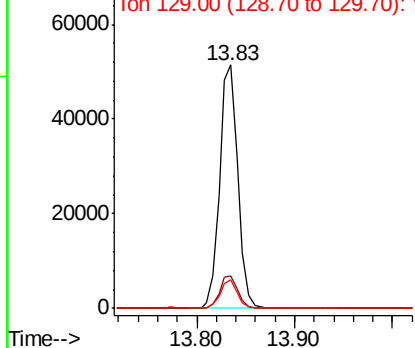
#95
Naphthalene
Concen: 5.147 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 65925
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.6 13.0

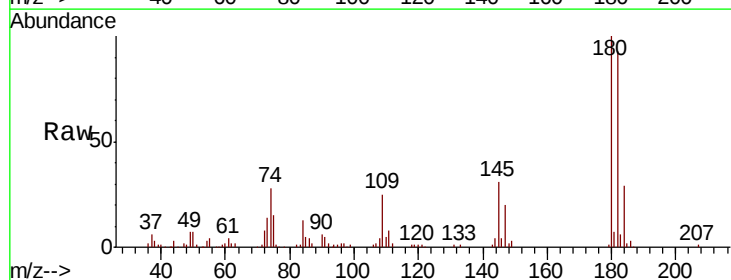


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 5.270 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008606.D
Acq: 03 Apr 2019 09:56

Tgt Ion:180 Resp: 20179
Ion Ratio Lower Upper
180 100
182 94.5 48.1 144.3
145 33.4 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

