

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008480.D
 Acq On : 27 Mar 2019 14:20
 Operator : JC/SP
 Sample : VX0327WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Quant Time: Mar 28 02:04:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	34863	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	201696	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	179726	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	86444	29.64	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.80%
60) 4-Bromofluorobenzene	11.13	95	93119	29.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.13%
63) Toluene-d8	8.71	98	258356	30.28	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	45980	19.288	ug/l 98
3) Chloromethane	1.32	50	62165	19.903	ug/l 96
4) Vinyl Chloride	1.40	62	59349	18.851	ug/l 99
5) Bromomethane	1.64	94	30550	18.728	ug/l 100
6) Chloroethane	1.72	64	35301	17.131	ug/l 98
7) Trichlorofluoromethane	1.93	101	66149	18.930	ug/l 97
8) Diethyl Ether	2.18	74	31066	18.851	ug/l 80
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42017	19.308	ug/l 92
10) 1,1-Dichloroethene	2.37	96	42335	19.176	ug/l # 80
11) Methyl Iodide	2.51	142	39254	17.171	ug/l 96
12) Methyl Acetate	3.19	43	34046	19.027	ug/l 94
13) Acrolein	2.29	56	45193	88.038	ug/l 97
14) Acrylonitrile	3.14	53	156591	94.656	ug/l 99
15) Acetone	2.44	58	44356	86.947	ug/l 88
16) Carbon Disulfide	2.57	76	129367	18.837	ug/l 99
17) Allyl chloride	2.73	41	91380	18.417	ug/l 92
18) Methylene Chloride	2.85	84	50942	19.303	ug/l 91
19) trans-1,2-Dichloroethene	3.16	96	45380	19.239	ug/l 88
20) Diisopropyl ether	3.85	45	184654	19.120	ug/l # 96
21) 1,1-Dichloroethane	3.69	63	92195	19.019	ug/l 96
22) cis-1,2-Dichloroethene	4.59	96	51471	18.884	ug/l # 81
23) tert-Butyl Alcohol	3.04	59	61758	92.449	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	153875	18.965	ug/l 98
25) Chloroform	5.21	83	83739	19.071	ug/l 95
26) Cyclohexane	5.57	56	91229	19.372	ug/l # 83
29) 1,1-Dichloropropene	5.79	75	66033	19.460	ug/l 93
30) 2-Butanone	4.67	43	229975	92.166	ug/l 95
31) 2,2-Dichloropropane	4.57	77	62562	18.460	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	66231	18.796	ug/l # 95
33) Carbon Tetrachloride	5.78	117	55209	18.727	ug/l 95
34) Benzene	6.13	78	200188	19.300	ug/l # 95
35) Methacrylonitrile	5.03	41	47965	18.903	ug/l 92
36) 1,2-Dichloroethane	6.19	62	70868	19.164	ug/l 98
38) Methylcyclohexane	7.46	83	83620	19.557	ug/l 88
39) 1,2-Dichloropropane	7.51	63	56019	19.041	ug/l 99
40) Dibromomethane	7.66	93	32118	18.846	ug/l 89
41) Bromodichloromethane	7.90	83	62357	18.609	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008480.D
 Acq On : 27 Mar 2019 14:20
 Operator : JC/SP
 Sample : VX0327WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Quant Time: Mar 28 02:04:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Vinyl Acetate	3.81	43	814352	96.275	ug/l #	94
43) Ethyl Acetate	4.82	43	84913	18.908	ug/l #	82
44) Isopropyl Acetate	6.44	43	135367	18.641	ug/l	98
45) 1,4-Dioxane	7.74	88	28267	391.016	ug/l #	84
46) Methyl methacrylate	7.76	41	68245	18.504	ug/l	85
47) n-amyl Acetate	10.90	43	120425	18.256	ug/l	95
48) t-1,3-Dichloropropene	9.04	75	68592	18.122	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	78375	18.513	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	48367	19.114	ug/l	96
51) Ethyl methacrylate	9.18	69	86565	18.383	ug/l	92
52) 1,3-Dichloropropane	9.37	76	86236	19.155	ug/l	99
53) Dibromochloromethane	9.58	129	44756	17.973	ug/l	100
54) 1,2-Dibromoethane	9.67	107	49633	19.027	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	225866	95.074	ug/l	95
56) Bromoform	10.85	173	31511	17.363	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	446448	94.158	ug/l	95
59) 2-Hexanone	9.49	43	349591	93.324	ug/l	97
61) Tetrachloroethene	9.34	164	39435	20.060	ug/l	97
62) Toluene	8.78	91	208503	19.161	ug/l	99
64) Chlorobenzene	10.13	112	123060	19.300	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	41542	18.479	ug/l	97
66) Ethyl Benzene	10.25	91	229146	18.972	ug/l	96
67) m/p-Xylenes	10.36	106	169380	38.448	ug/l	91
68) o-Xylene	10.69	106	81986	19.018	ug/l	92
69) Styrene	10.71	104	140704	18.757	ug/l	96
70) Isopropylbenzene	11.02	105	220747	19.412	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	80847	19.031	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	89147	24.826	ug/l	90
73) Bromobenzene	11.26	156	50353	18.611	ug/l	77
74) n-propylbenzene	11.36	91	261922	19.334	ug/l	94
75) 2-Chlorotoluene	11.42	91	155732	19.322	ug/l	89
76) 1,3,5-Trimethylbenzene	11.51	105	185073	19.036	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	22667	16.456	ug/l	95
78) 4-Chlorotoluene	11.51	91	177149	19.097	ug/l	91
79) tert-butylbenzene	12.06	119	191813	19.306	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	184929	19.077	ug/l	96
81) sec-Butylbenzene	11.94	105	214662	19.325	ug/l	96
82) p-Isopropyltoluene	12.06	119	191813	19.306	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	91871	19.127	ug/l	94
84) 1,4-Dichlorobenzene	12.10	146	91905	19.147	ug/l	97
85) n-Butylbenzene	12.38	91	177740	18.828	ug/l	96
86) Hexachloroethane	12.60	117	29867	17.992	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	93722	19.365	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	17969	19.084	ug/l #	76
89) 1,2,4-Trichlorobenzene	13.65	180	64837	19.422	ug/l	99
90) Hexachlorobutadiene	13.78	225	31651	19.680	ug/l	99
91) Naphthalene	13.83	128	227389	19.881	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	66797	19.863	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
Data File : VX008480.D
Acq On : 27 Mar 2019 14:20
Operator : JC/SP
Sample : VX0327WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Quant Time: Mar 28 02:04:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration

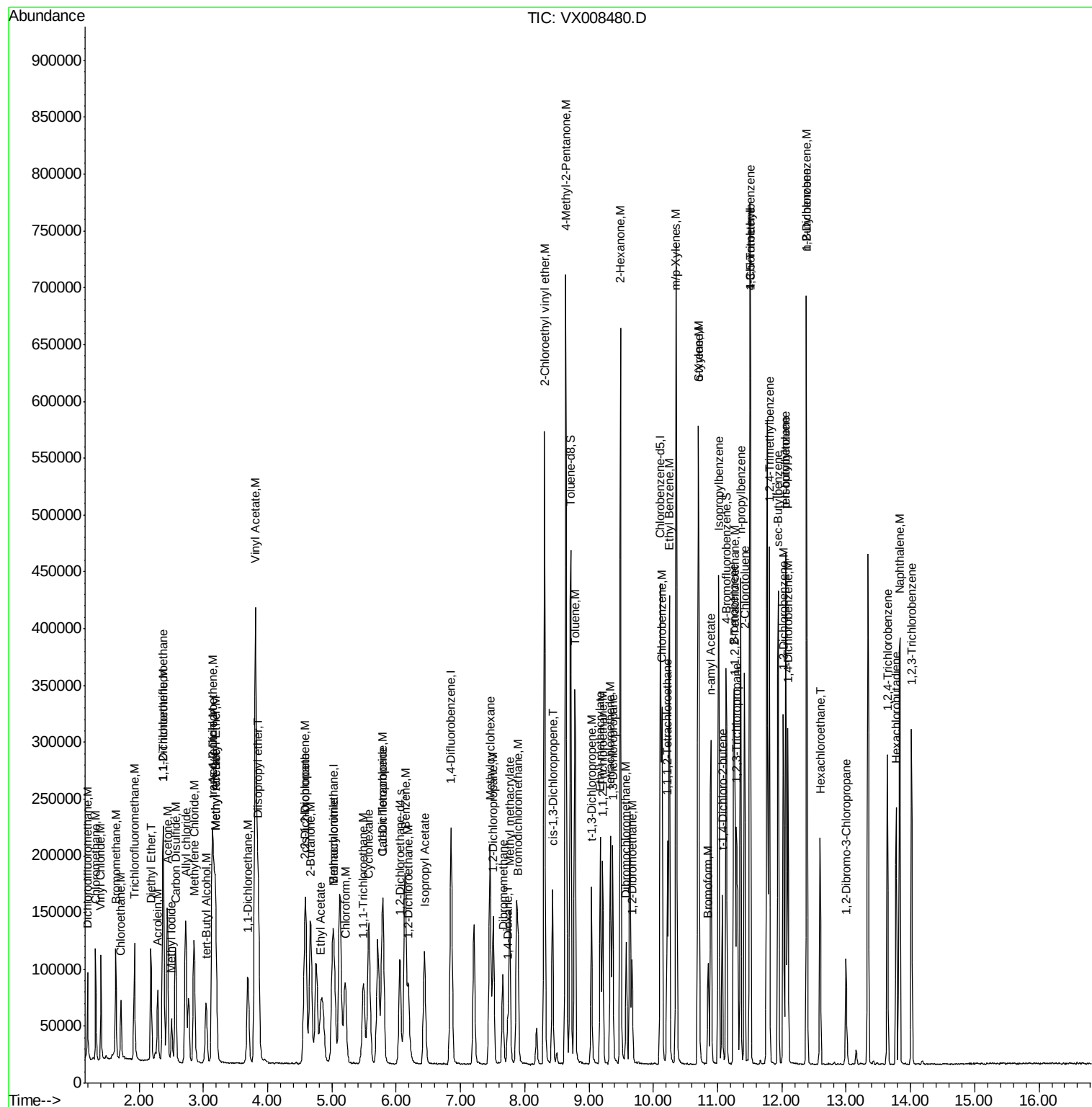
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

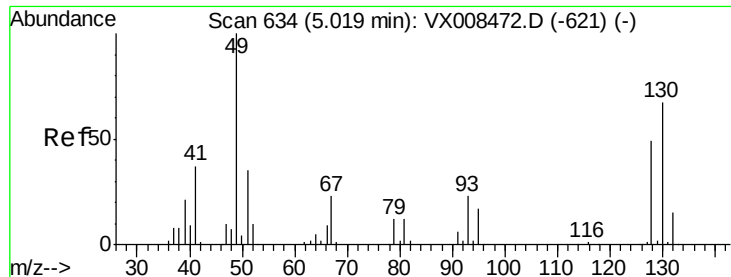
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032719\
Data File : VX008480.D
Acq On : 27 Mar 2019 14:20
Operator : JC/SP
Sample : VX0327WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VX0327WBS01

Quant Time: Mar 28 02:04:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

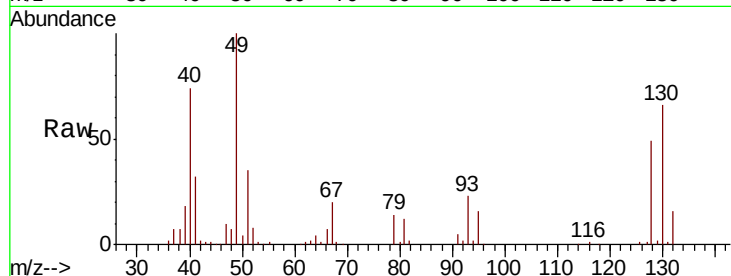
Tot Ion:128 Resp: 34863

Ion Ratio Lower Upper

128 100

49 208.3 0.0 350.8

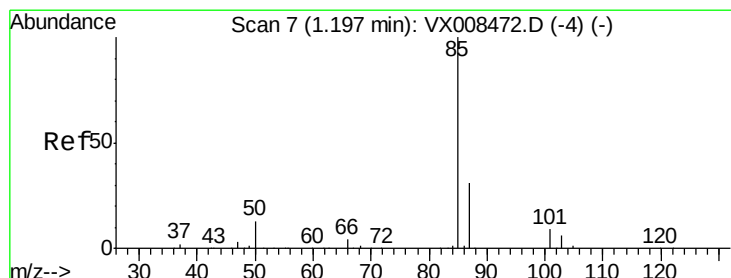
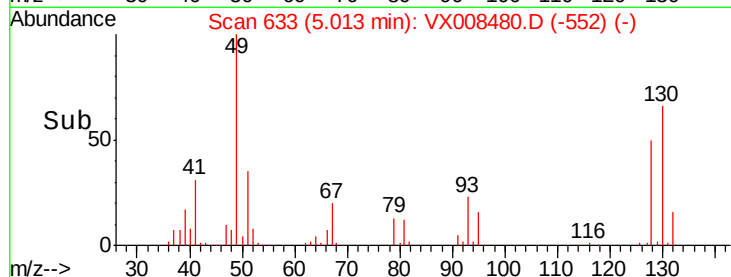
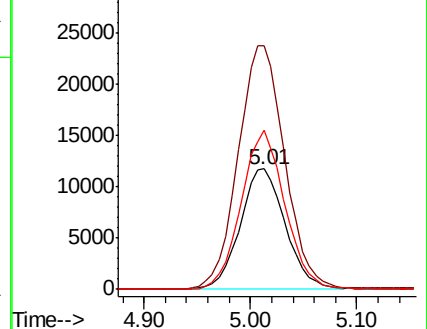
130 128.2 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.288 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008480.D

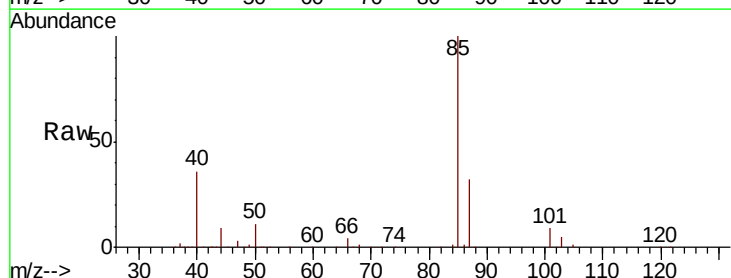
Acq: 27 Mar 2019 14:20

Tgt Ion: 85 Resp: 45980

Ion Ratio Lower Upper

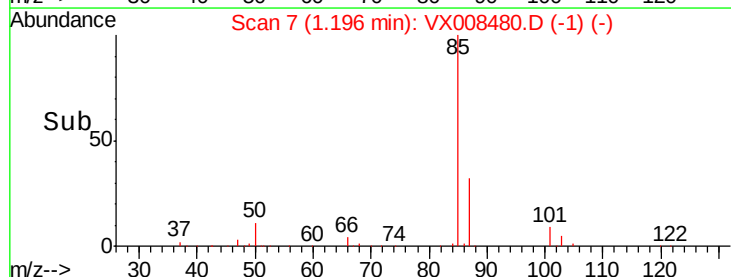
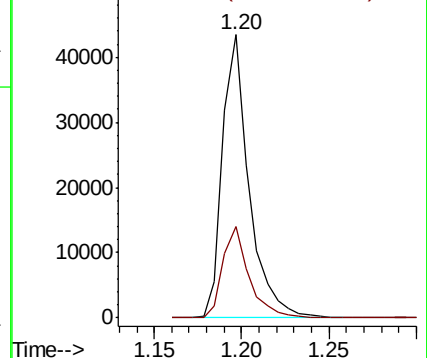
85 100

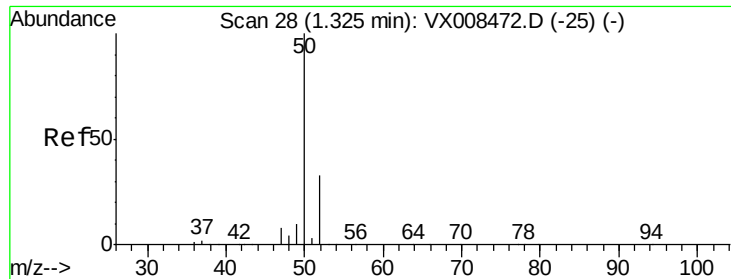
87 32.2 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.903 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

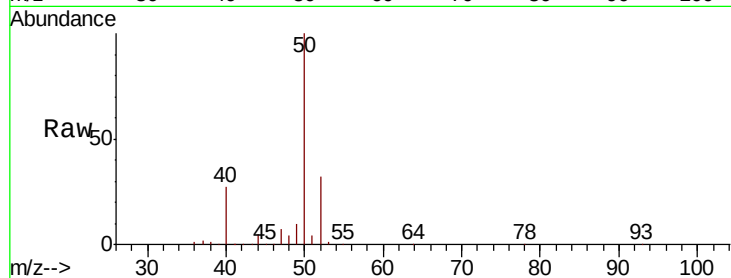
VX0327WBS01

Tot Ion: 50 Resp: 62165

Ion Ratio Lower Upper

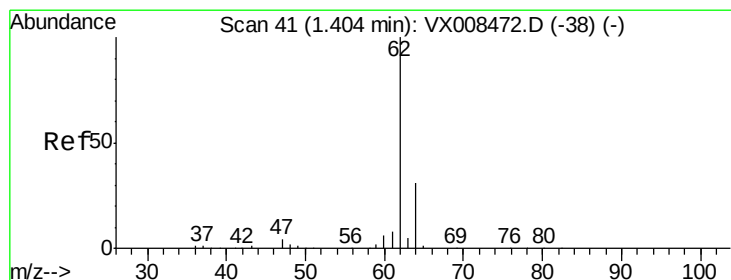
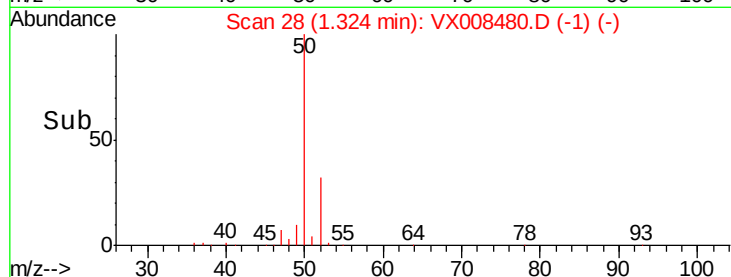
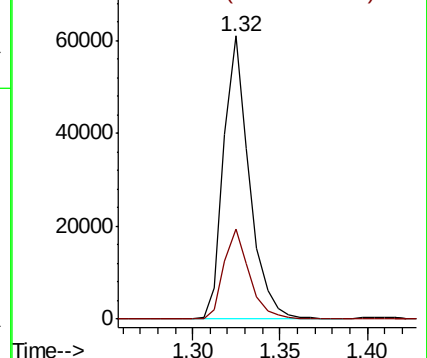
50 100

52 31.9 27.5 41.3



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 18.851 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008480.D

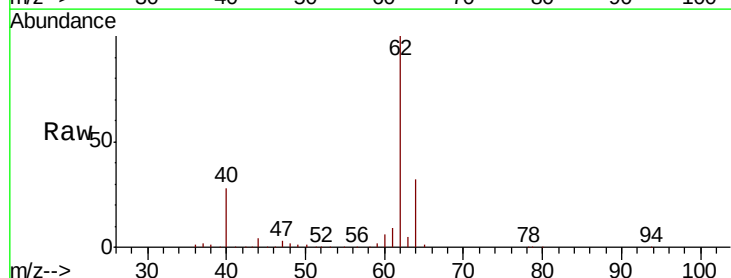
Acq: 27 Mar 2019 14:20

Tgt Ion: 62 Resp: 59349

Ion Ratio Lower Upper

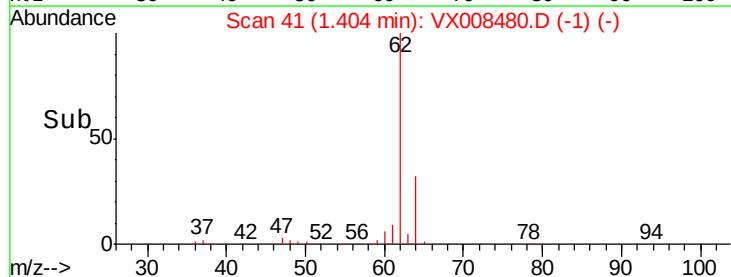
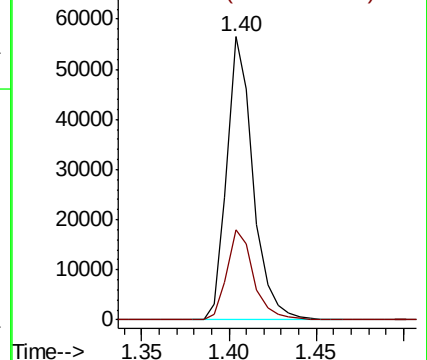
62 100

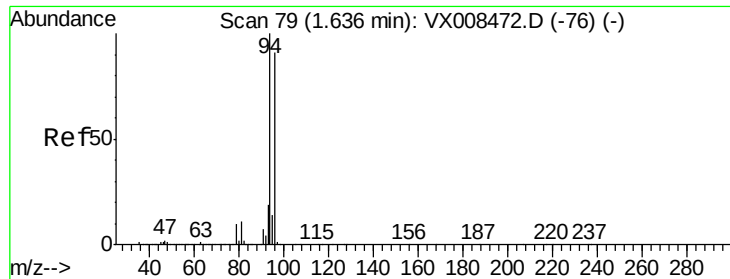
64 31.8 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 18.728 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

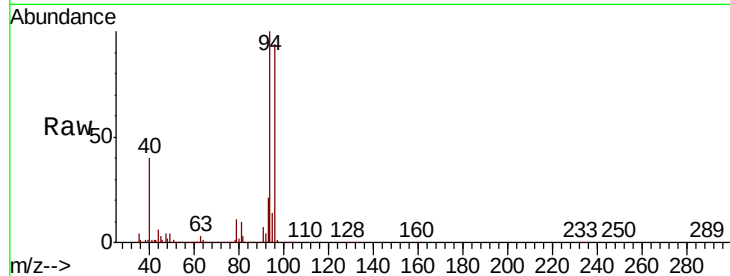
VX0327WBS01

Tot Ion: 94 Resp: 30550

Ion Ratio Lower Upper

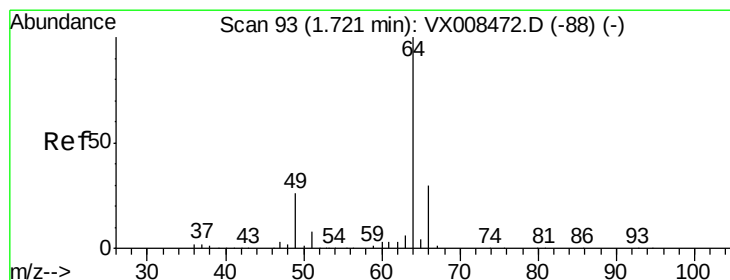
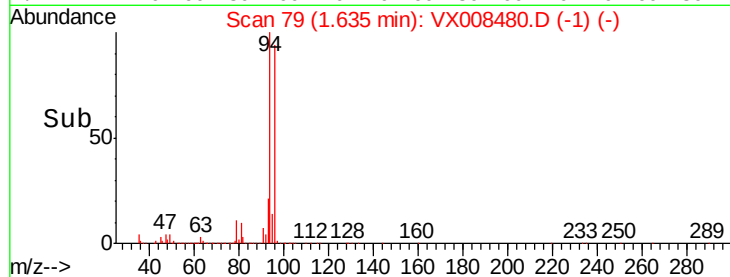
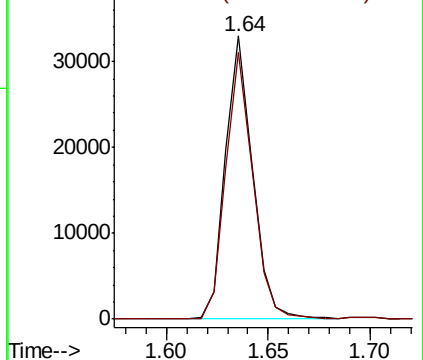
94 100

96 94.2 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.131 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008480.D

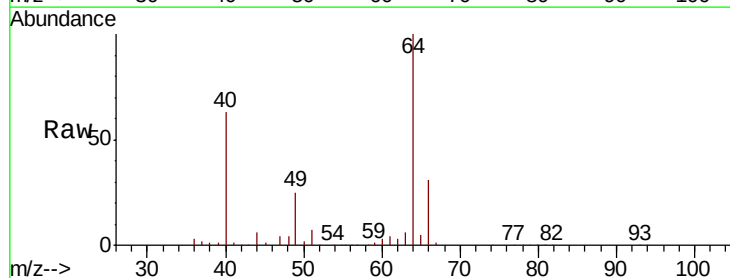
Acq: 27 Mar 2019 14:20

Tgt Ion: 64 Resp: 35301

Ion Ratio Lower Upper

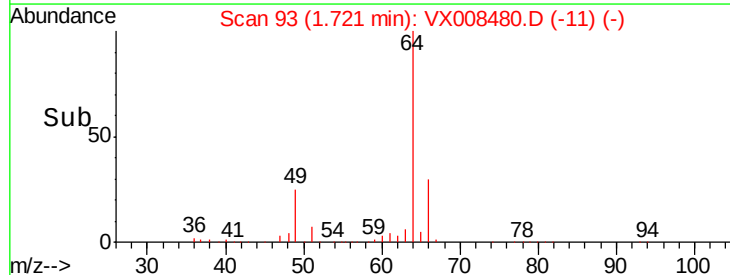
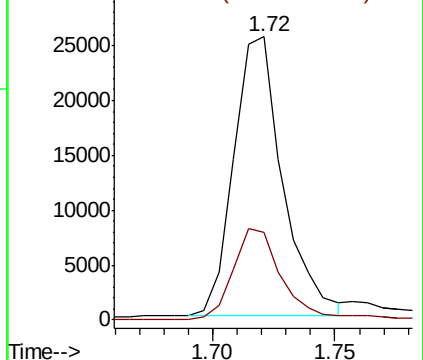
64 100

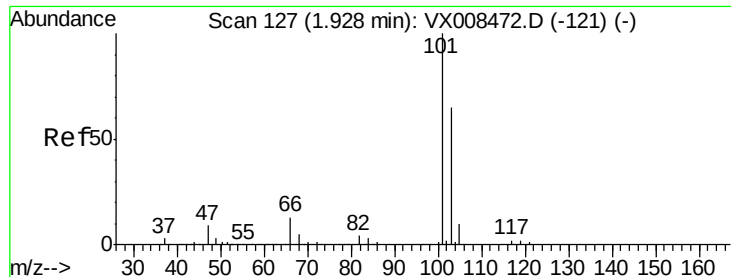
66 31.0 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

Trichlorofluoromethane

Concen: 18.930 ug/l

RT: 1.93 min Scan# 127

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

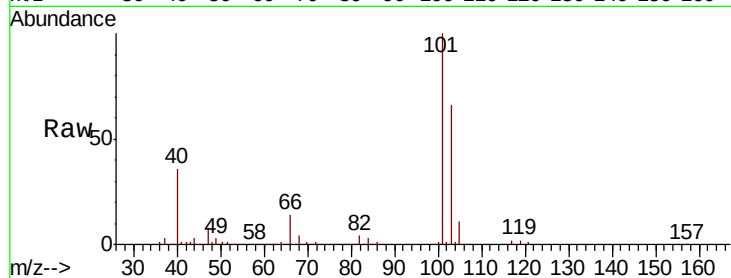
VX0327WBS01

Tot Ion:101 Resp: 66149

Ion Ratio Lower Upper

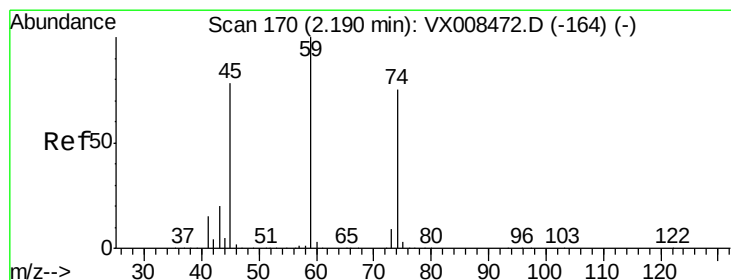
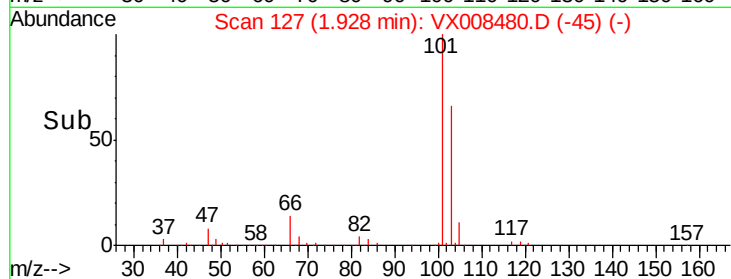
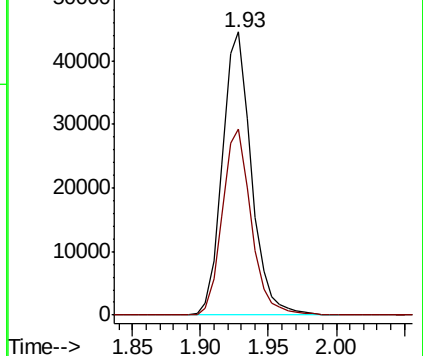
101 100

103 65.6 50.4 75.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 18.851 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX008480.D

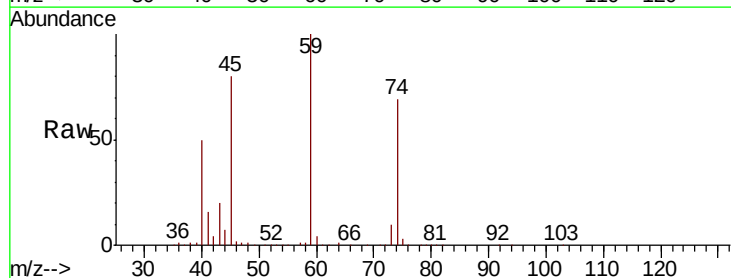
Acq: 27 Mar 2019 14:20

Tgt Ion: 74 Resp: 31066

Ion Ratio Lower Upper

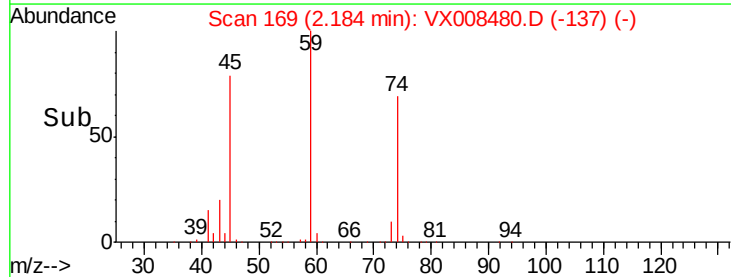
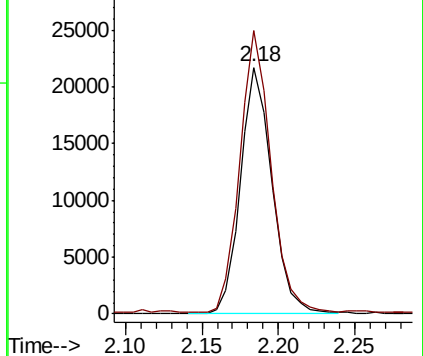
74 100

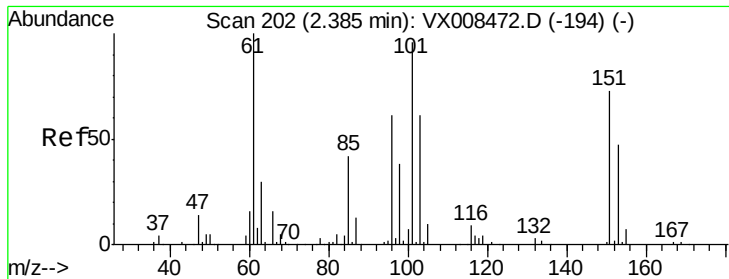
45 112.6 18.6 167.8



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: 19.308 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

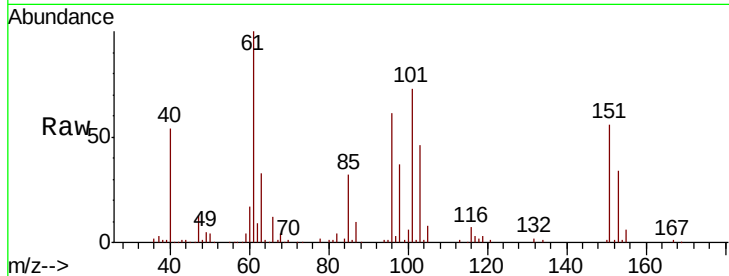
Tot Ion:101 Resp: 42017

Ion Ratio Lower Upper

101 100

85 43.9 0.0 86.8

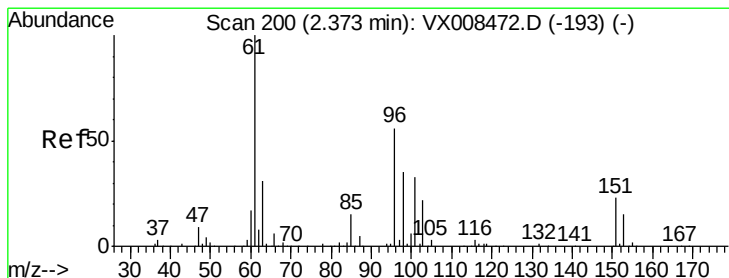
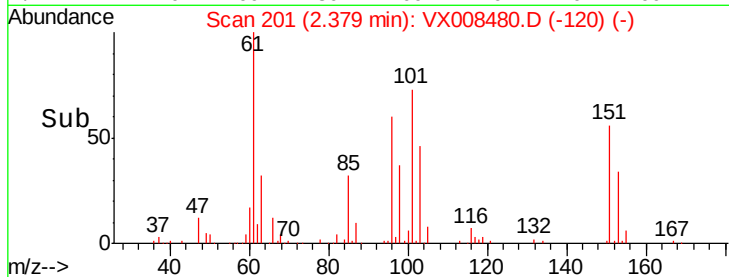
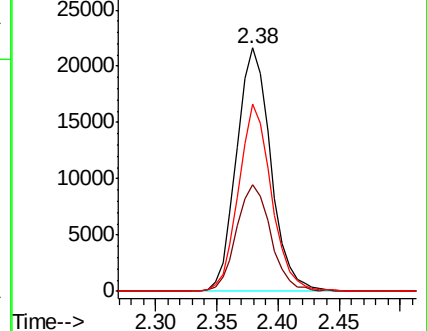
151 73.8 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.176 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

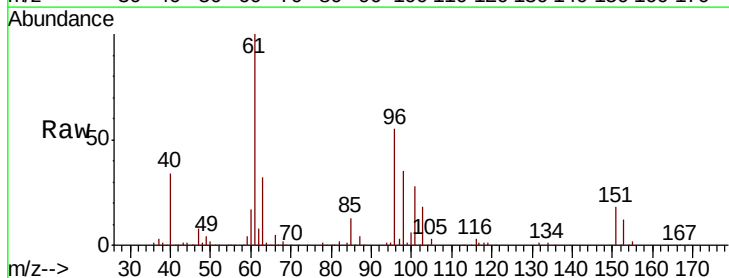
Tgt Ion: 96 Resp: 42335

Ion Ratio Lower Upper

96 100

61 183.0 120.2 180.2#

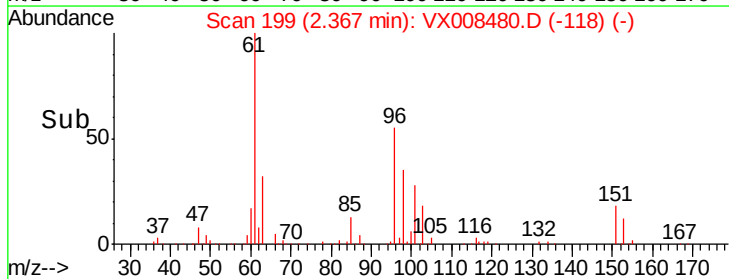
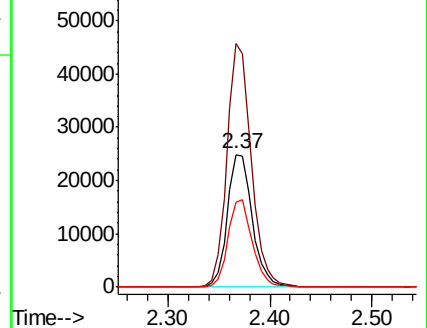
98 64.4 49.0 73.4

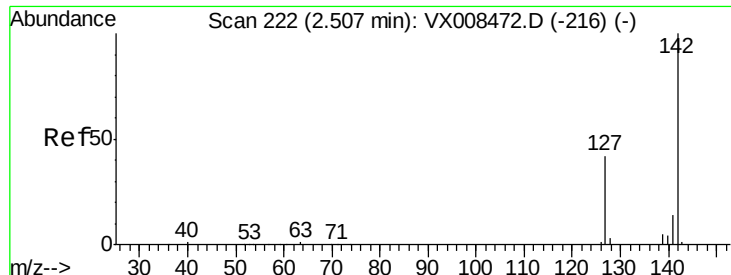


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

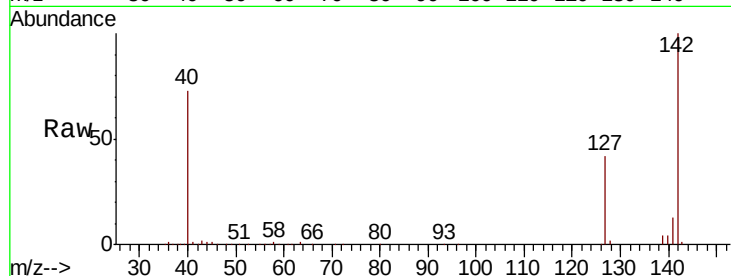




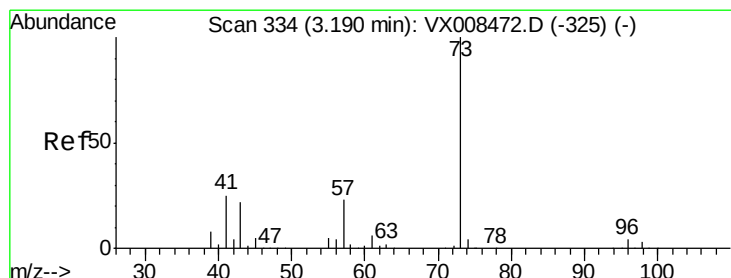
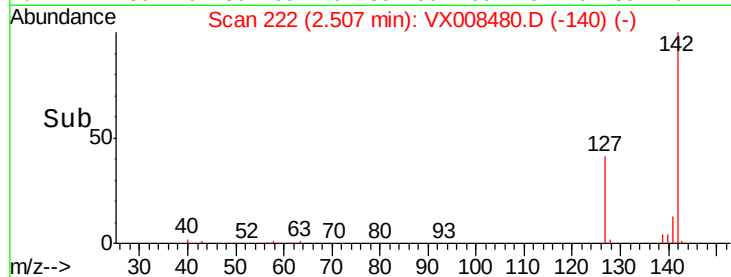
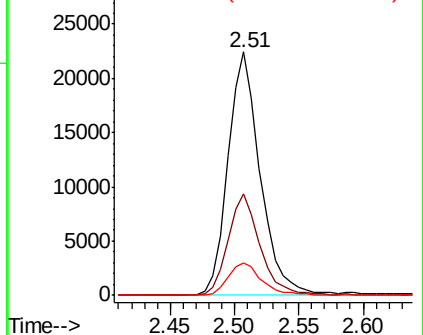
#11
Methyl Iodide
Concen: 17.171 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Instrument :
MSVOA_X
ClientSampled :
VX0327WBS01

Tot Ion:142 Resp: 39254
Ion Ratio Lower Upper
142 100
127 41.5 22.1 66.5
141 13.2 7.4 22.3

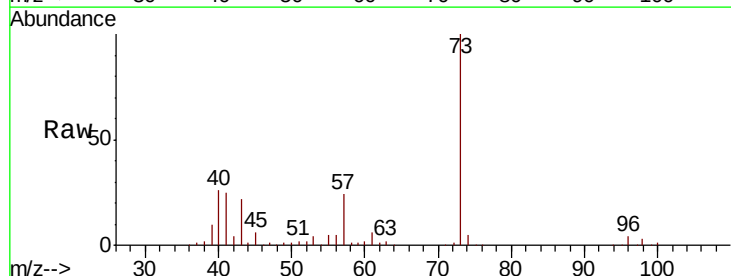


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

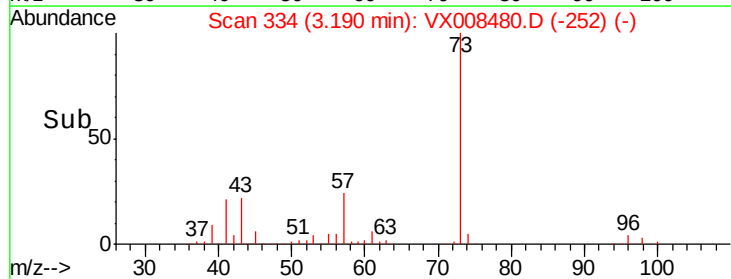
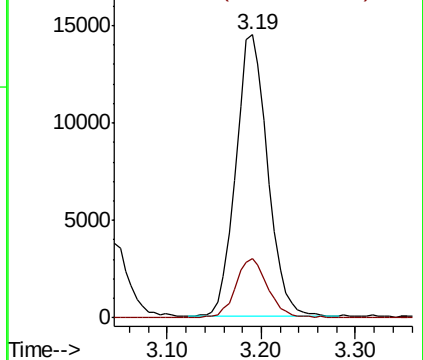


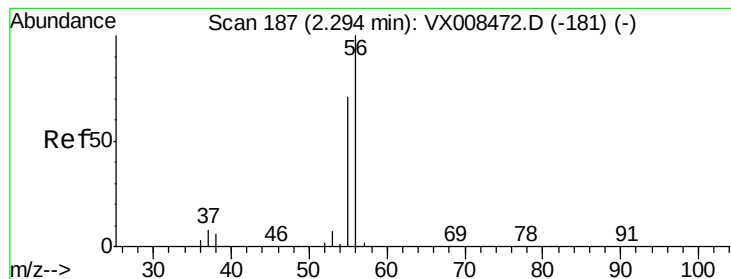
#12
Methyl Acetate
Concen: 19.027 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Tgt Ion: 43 Resp: 34046
Ion Ratio Lower Upper
43 100
74 21.1 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 88.038 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

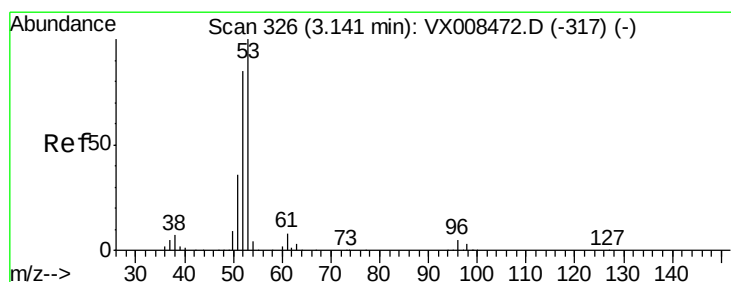
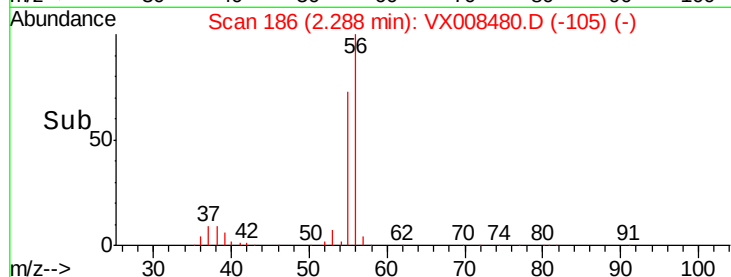
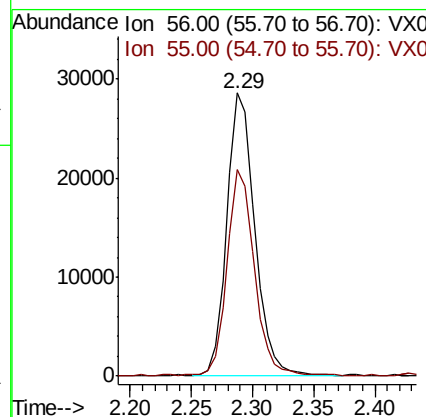
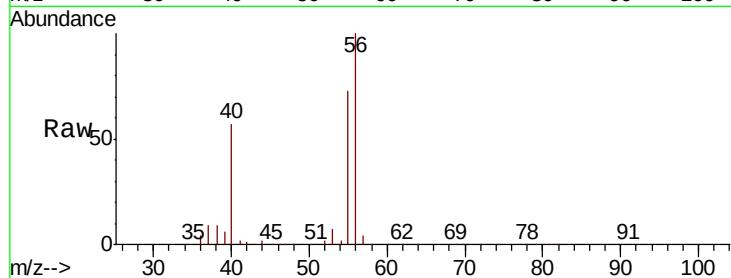
VX0327WBS01

Tot Ion: 56 Resp: 45193

Ion Ratio Lower Upper

56 100

55 70.7 58.6 87.8



#14

Acrylonitrile

Concen: 94.656 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

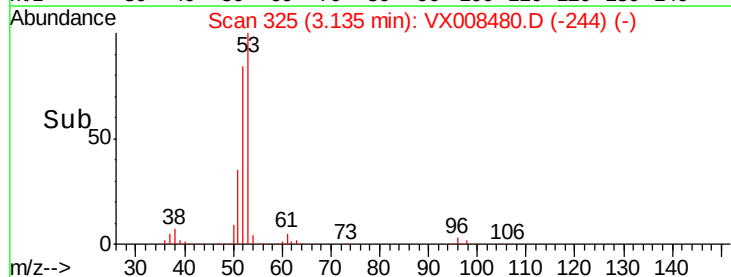
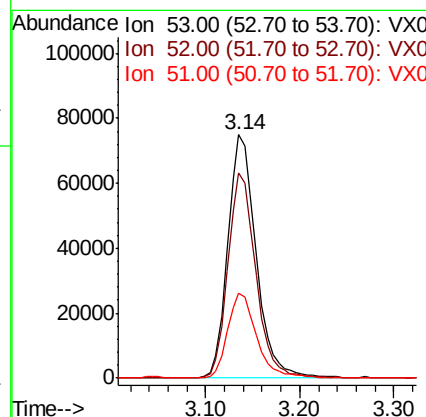
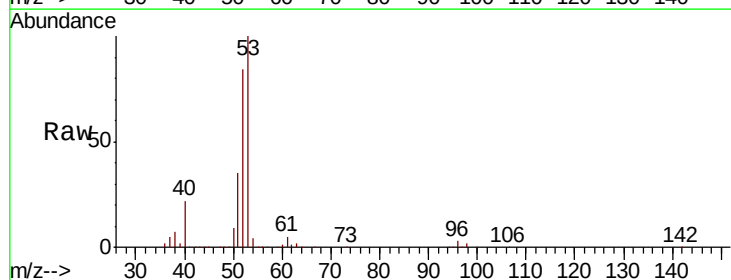
Tgt Ion: 53 Resp: 156591

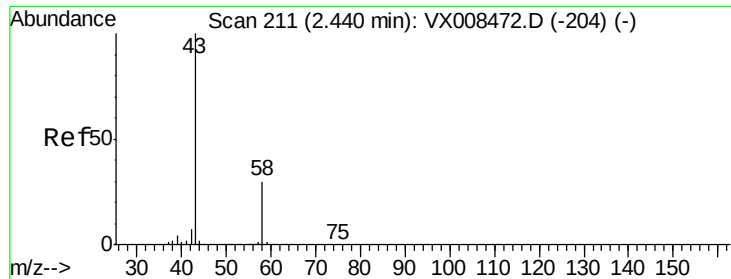
Ion Ratio Lower Upper

53 100

52 83.1 41.3 124.1

51 36.0 17.5 52.6





#15

Acetone

Concen: 86.947 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

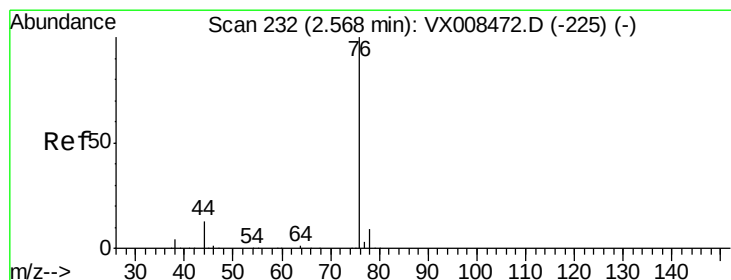
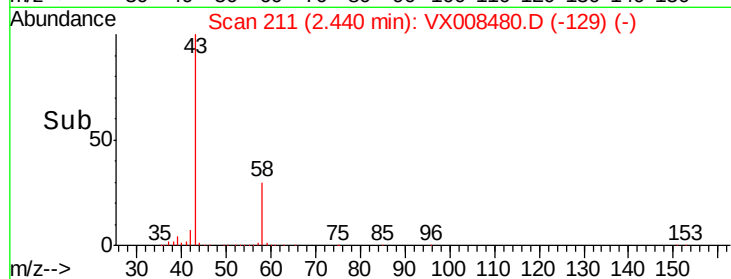
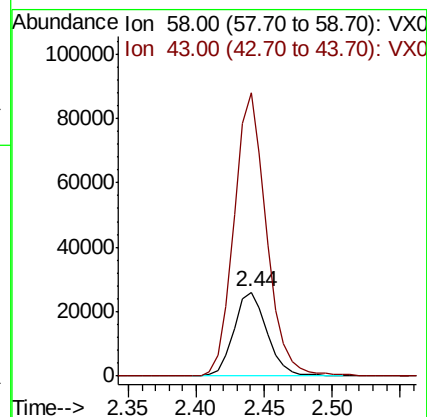
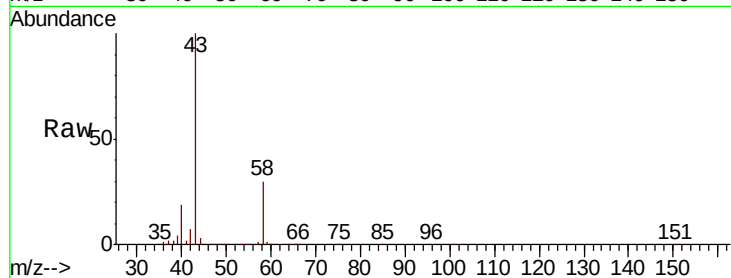
VX0327WBS01

Tot Ion: 58 Resp: 44356

Ion Ratio Lower Upper

58 100

43 336.8 249.8 374.6



#16

Carbon Disulfide

Concen: 18.837 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008480.D

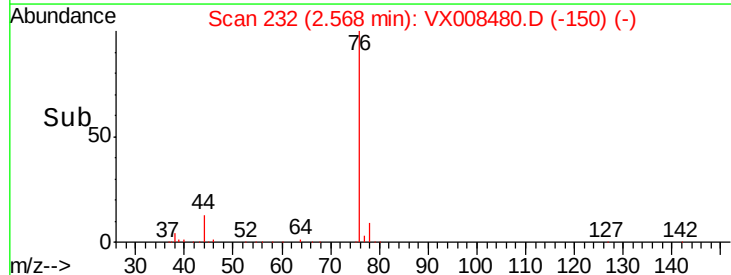
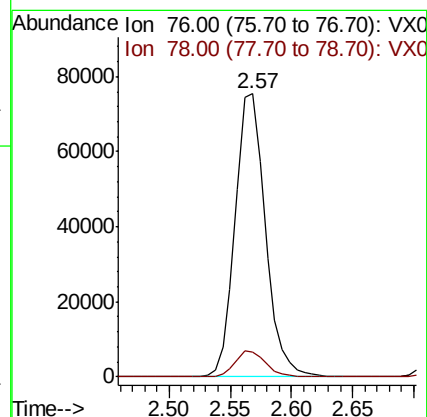
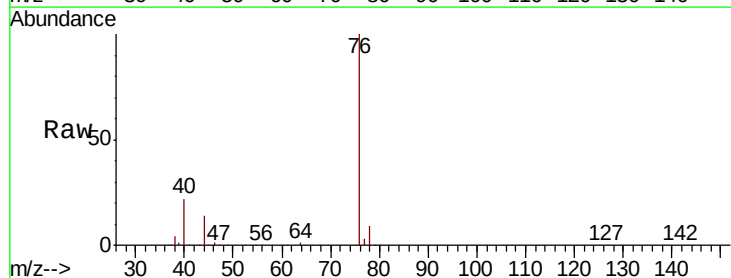
Acq: 27 Mar 2019 14:20

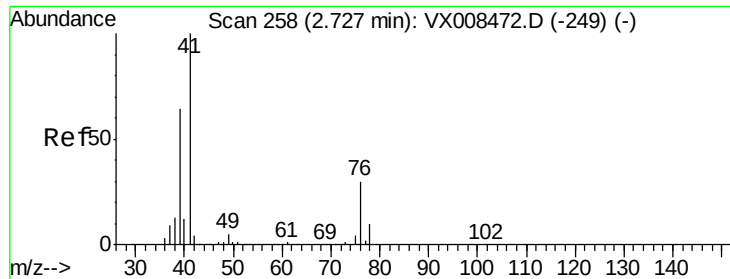
Tgt Ion: 76 Resp: 129367

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

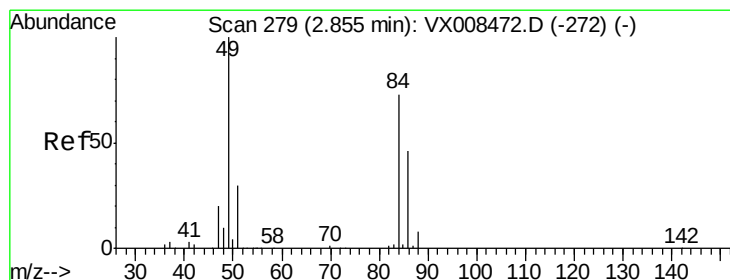
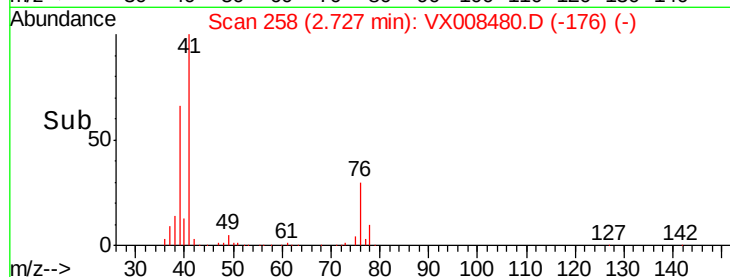
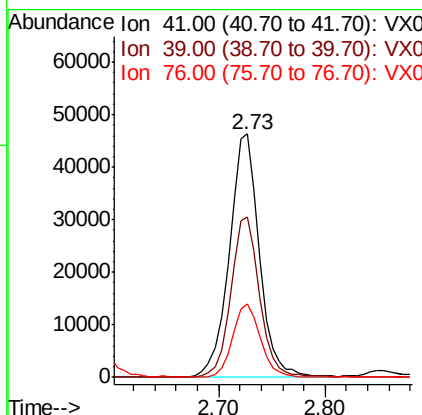
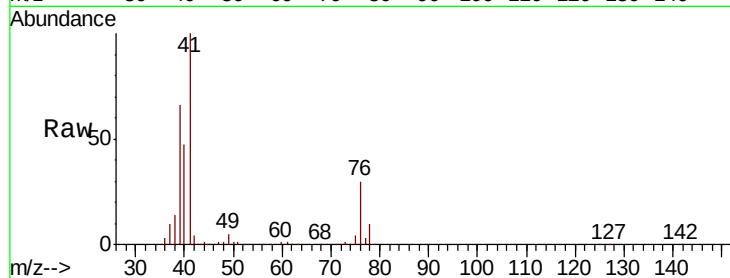




#17
Allvl chloride
Concen: 18.417 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

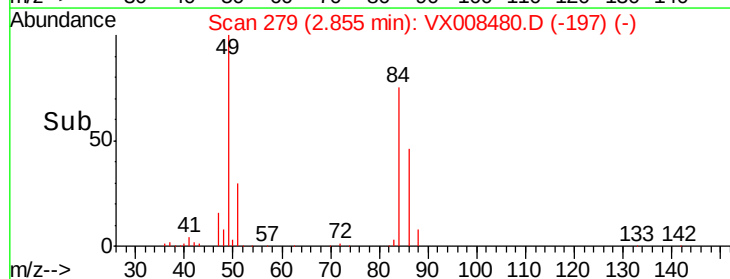
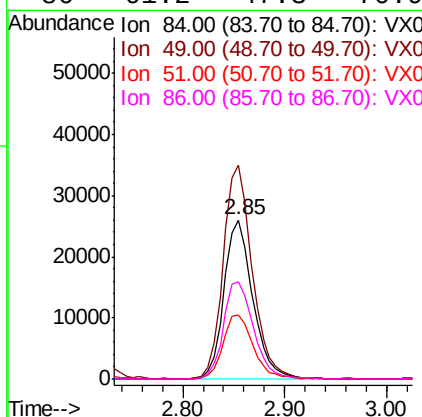
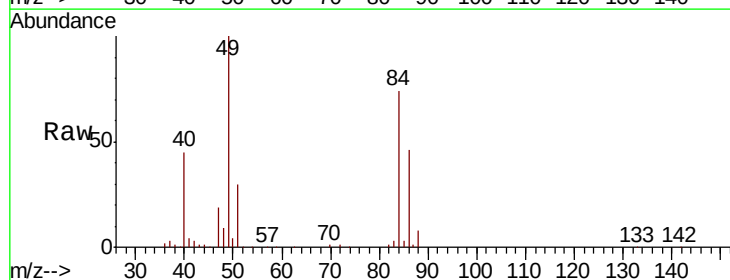
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

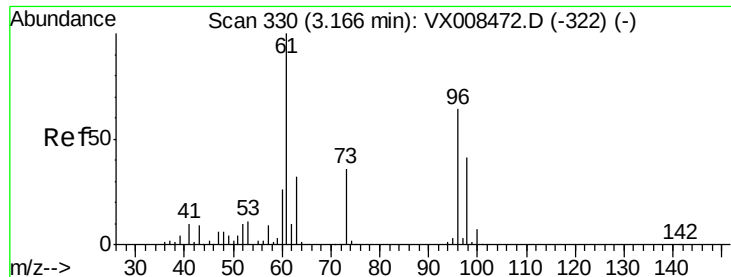
Tot Ion: 41 Resp: 91380
Ion Ratio Lower Upper
41 100
39 65.9 35.8 107.4
76 30.2 18.3 54.9



#18
Methylene Chloride
Concen: 19.303 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Tgt Ion: 84 Resp: 50942
Ion Ratio Lower Upper
84 100
49 134.3 96.1 144.1
51 40.3 29.1 43.7
86 61.2 47.3 70.9

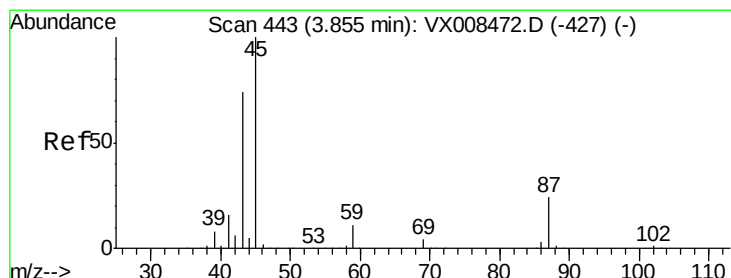
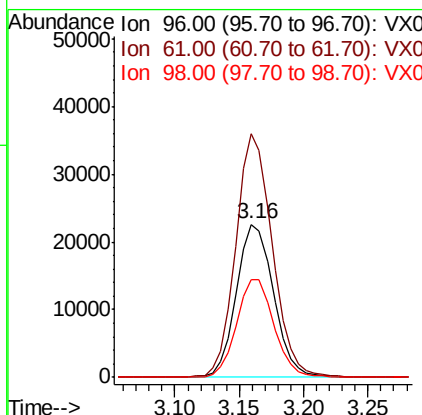
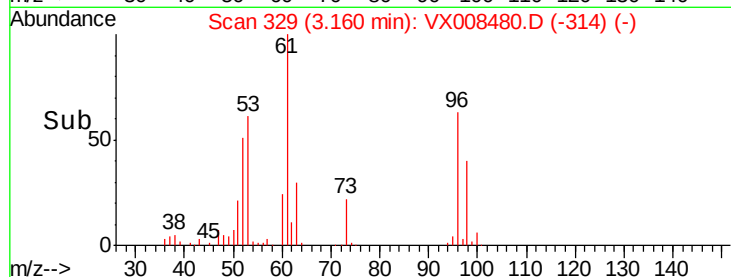
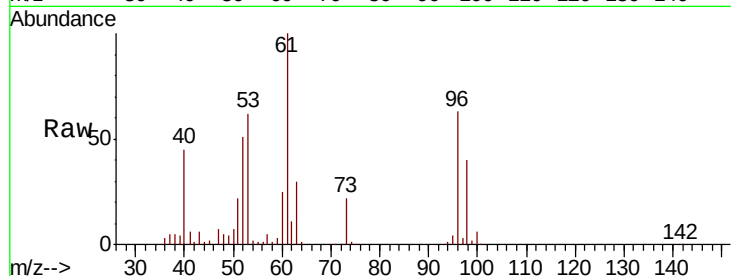




#19
trans-1,2-Dichloroethene
Concen: 19.239 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

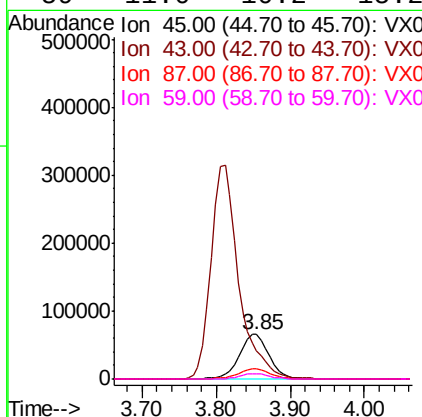
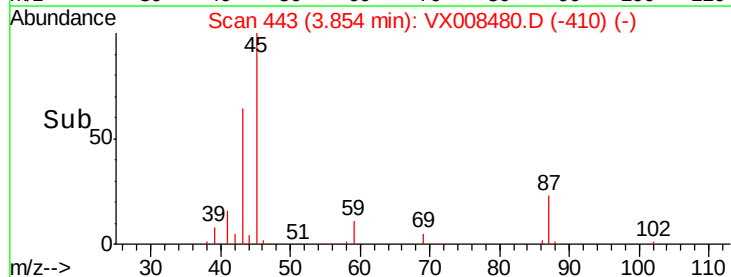
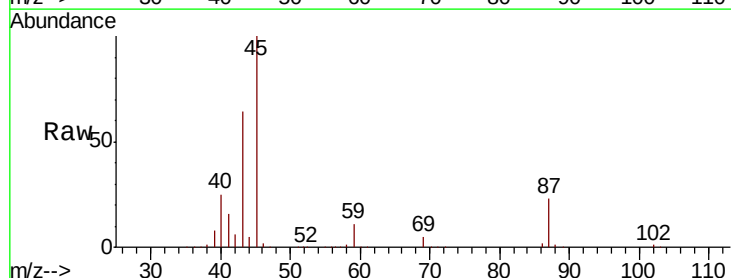
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

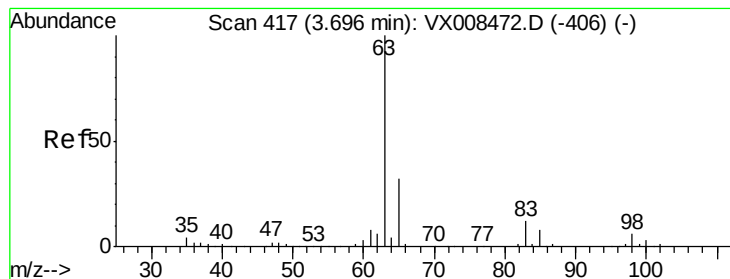
Tot Ion: 96 Resp: 45380
Ion Ratio Lower Upper
96 100
61 158.6 109.9 164.9
98 63.4 50.4 75.6



#20
Diisopropyl ether
Concen: 19.120 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Tgt Ion: 45 Resp: 184654
Ion Ratio Lower Upper
45 100
43 63.2 50.6 76.0
87 23.4 24.5 36.7#
59 11.0 10.2 15.2





#21

1,1-Dichloroethane

Concen: 19.019 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

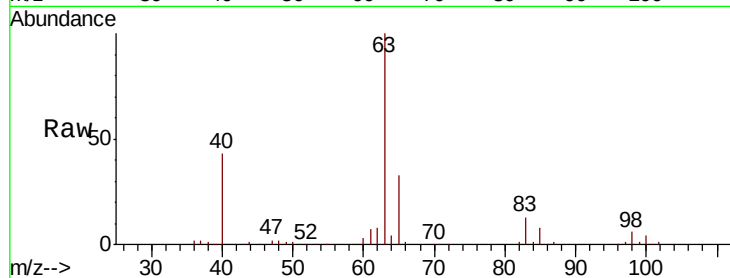
Tot Ion: 63 Resp: 92195

Ion Ratio Lower Upper

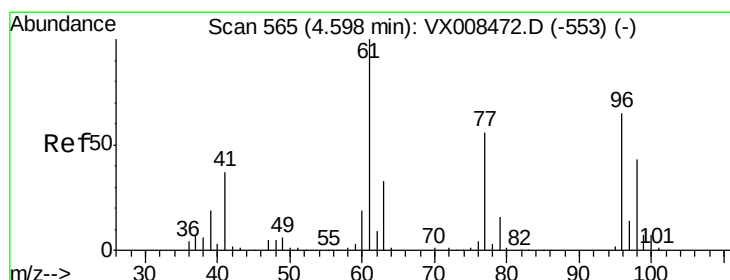
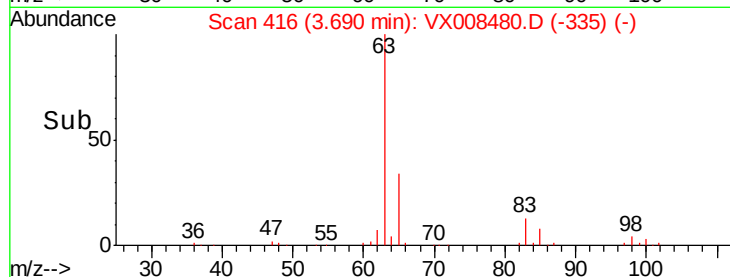
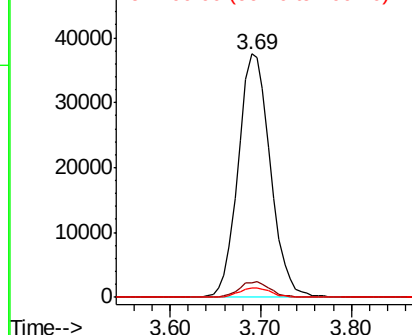
63 100

98 5.9 3.8 11.4

100 3.8 2.4 7.1



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



#22

cis-1,2-Dichloroethene

Concen: 18.884 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

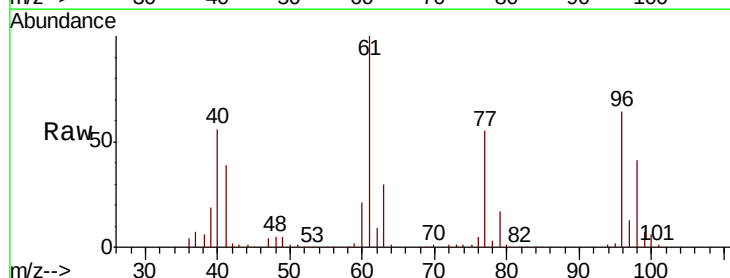
Tgt Ion: 96 Resp: 51471

Ion Ratio Lower Upper

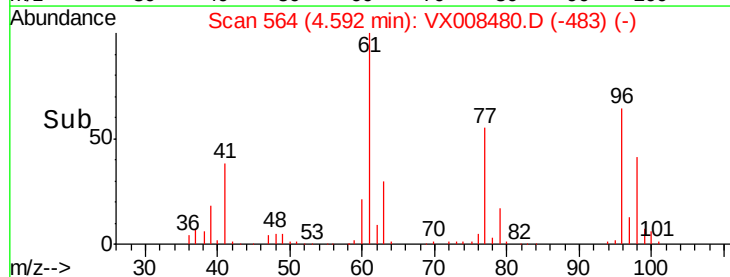
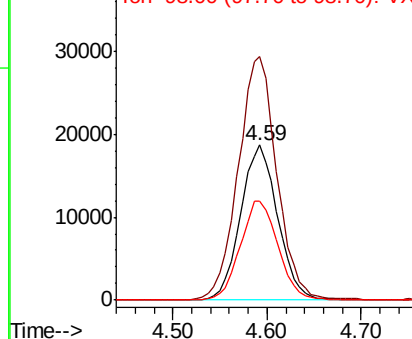
96 100

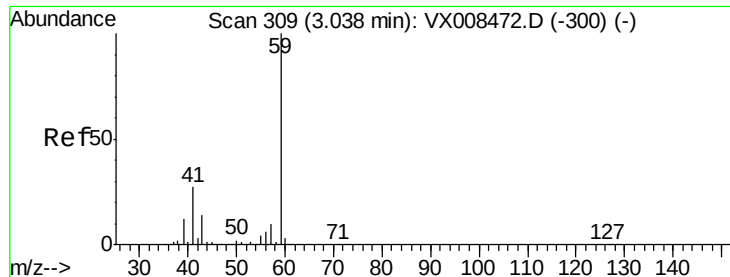
61 162.3 103.5 155.3#

98 65.3 52.1 78.1



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



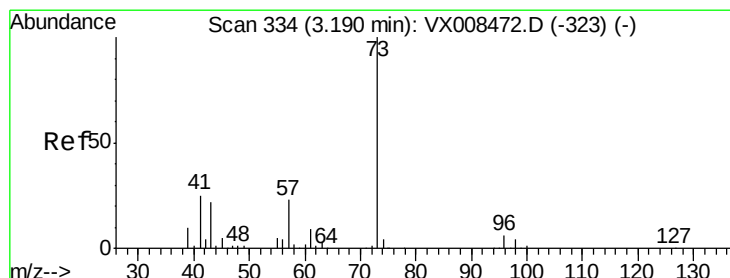
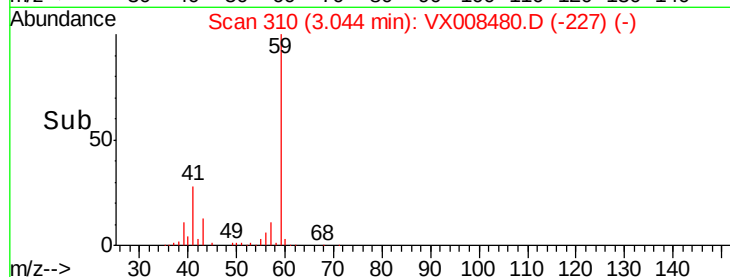
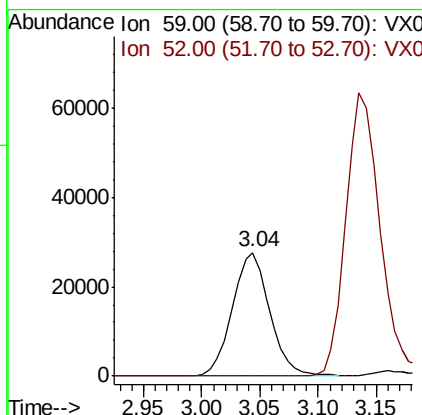
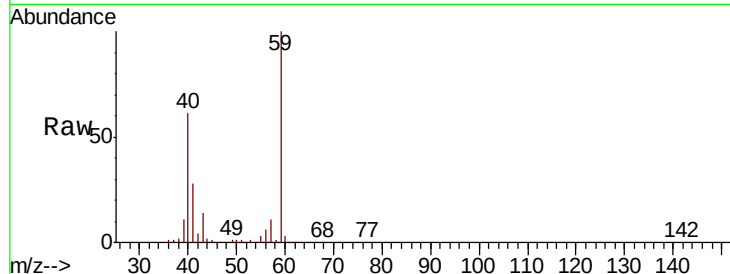


#23

tert-Butyl Alcohol
 Concen: 92.449 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX008480.D
 Acq: 27 Mar 2019 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

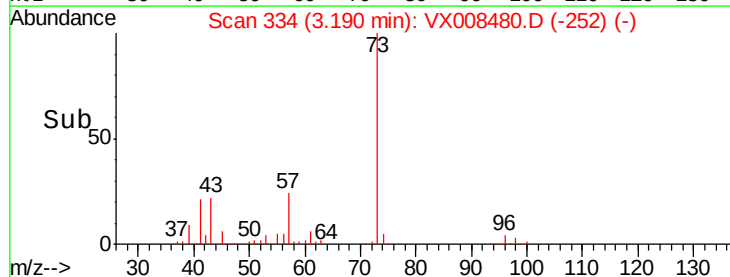
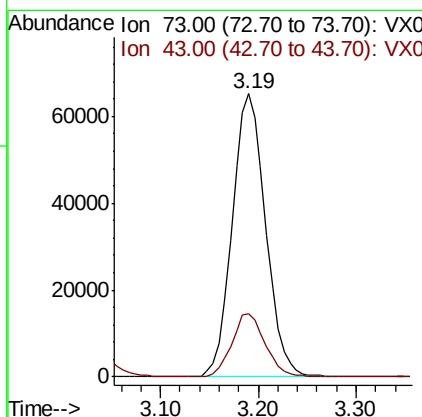
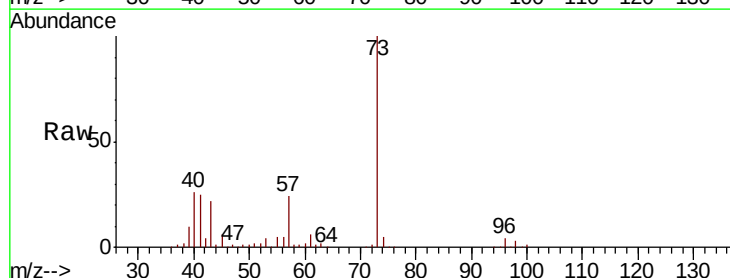
Tot Ion: 59 Resp: 61758
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

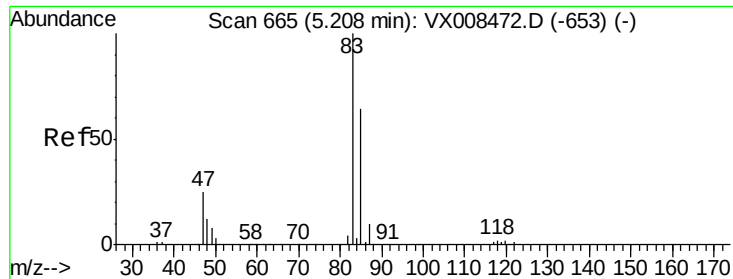


#24

Methyl tert-Butyl Ether
 Concen: 18.965 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.00 min
 Lab File: VX008480.D
 Acq: 27 Mar 2019 14:20

Tgt Ion: 73 Resp: 153875
 Ion Ratio Lower Upper
 73 100
 43 22.1 17.1 25.7





#25

Chloroform

Concen: 19.071 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

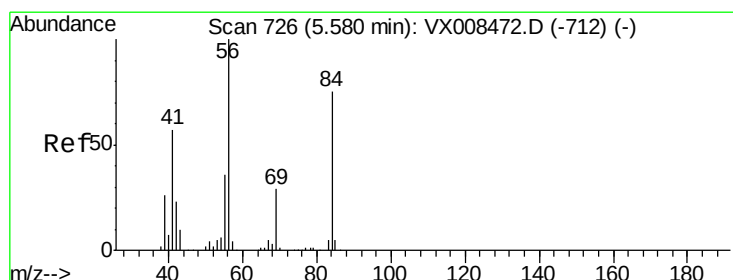
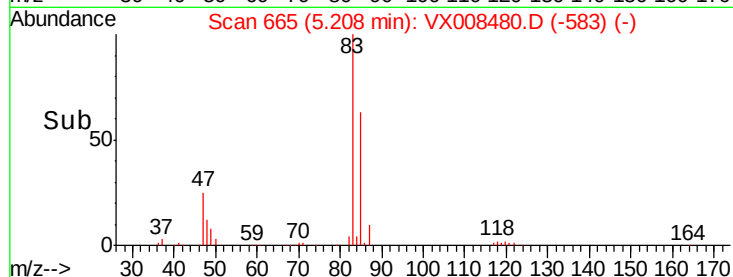
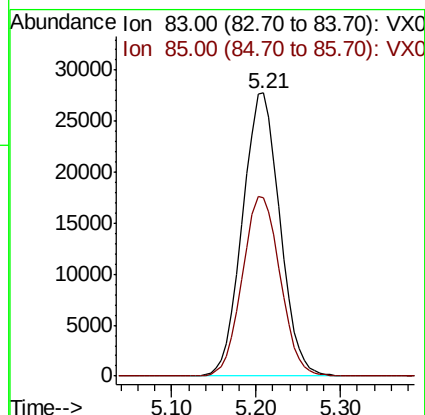
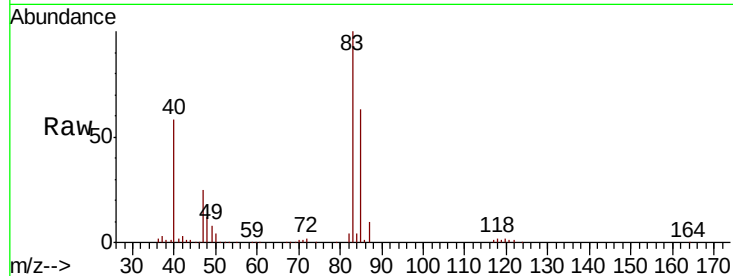
VX0327WBS01

Tot Ion: 83 Resp: 83739

Ion Ratio Lower Upper

83 100

85 63.1 53.8 80.6



#26

Cyclohexane

Concen: 19.372 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

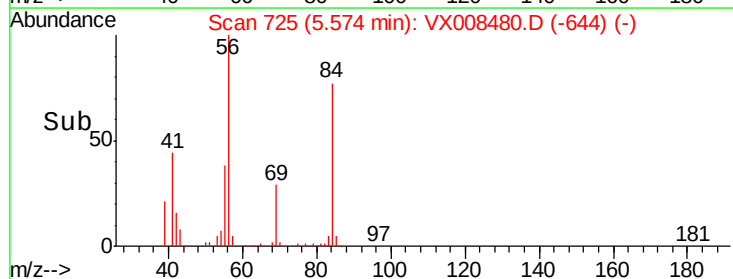
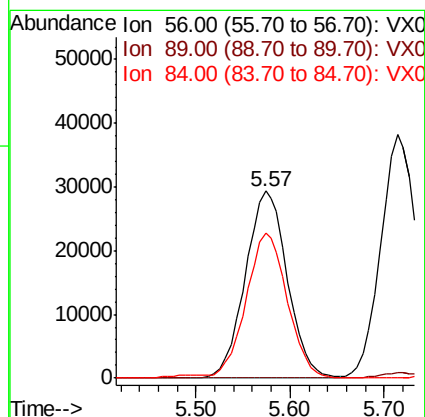
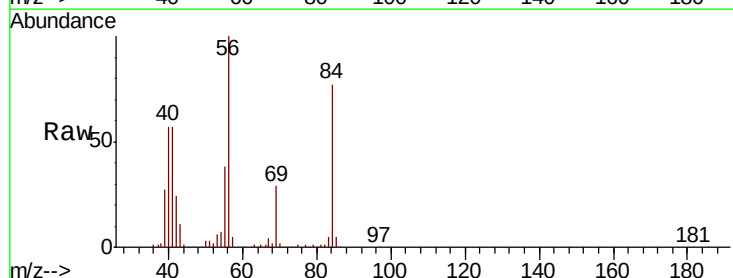
Tgt Ion: 56 Resp: 91229

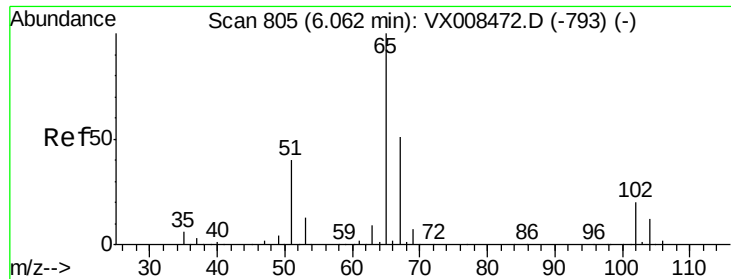
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 76.5 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 29.640 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

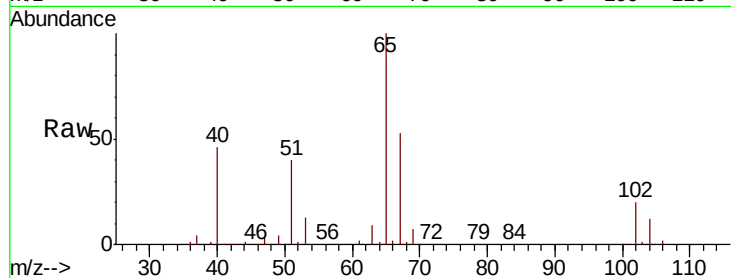
VX0327WBS01

Tot Ion: 65 Resp: 86444

Ion Ratio Lower Upper

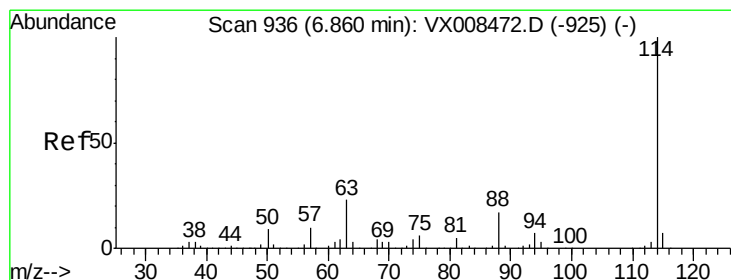
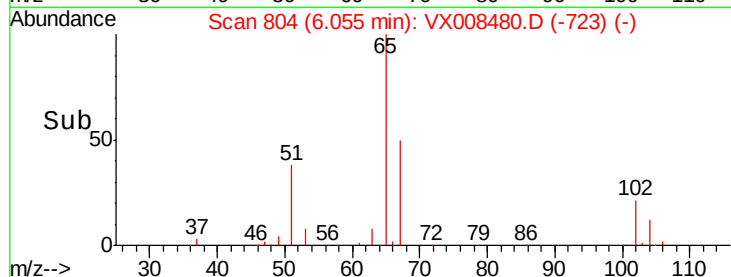
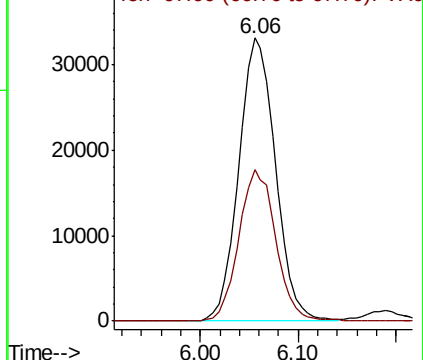
65 100

67 53.8 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

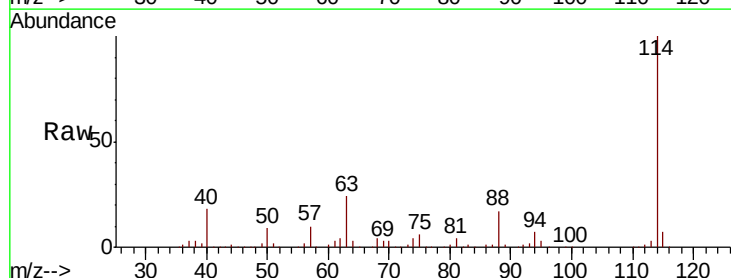
Tgt Ion: 114 Resp: 201696

Ion Ratio Lower Upper

114 100

63 23.8 14.2 21.4#

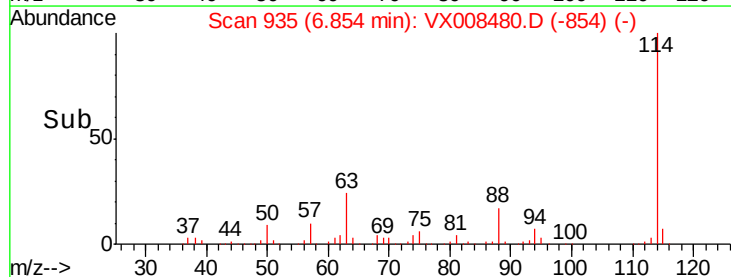
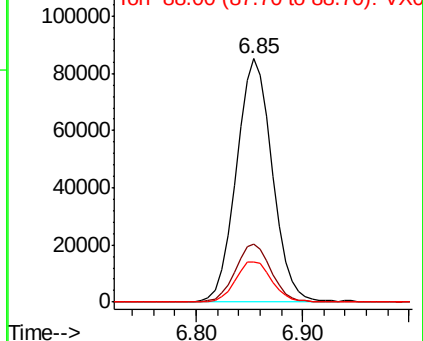
88 17.0 11.9 17.9

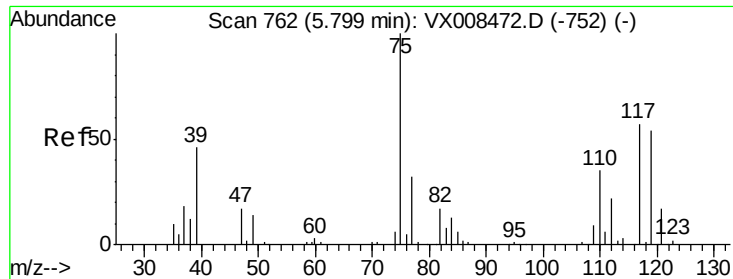


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

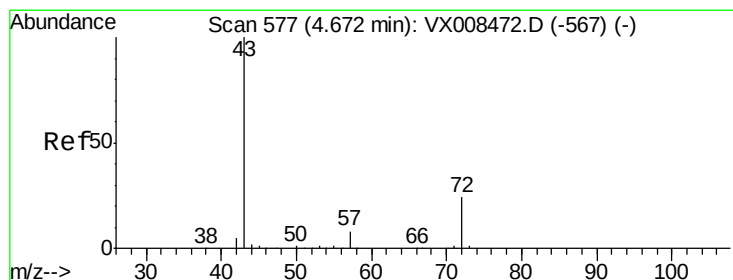
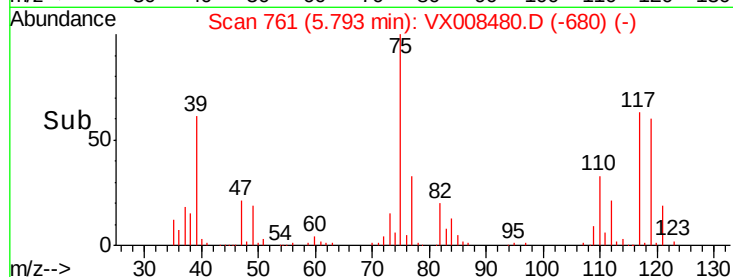
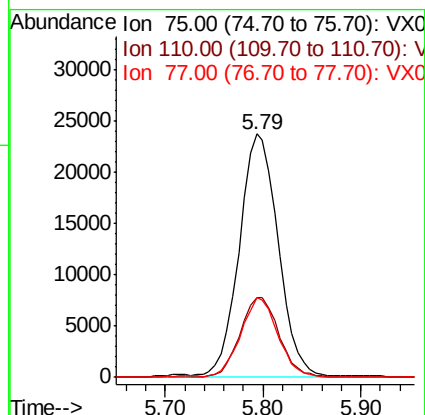
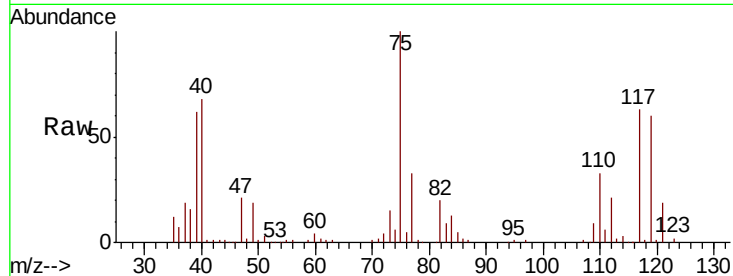




#29
 1,1-Dichloropropene
 Concen: 19.460 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX008480.D
 Acq: 27 Mar 2019 14:20

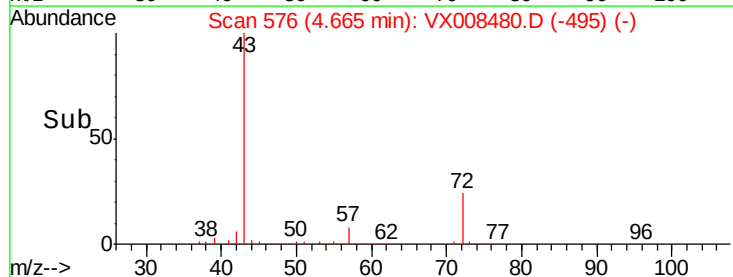
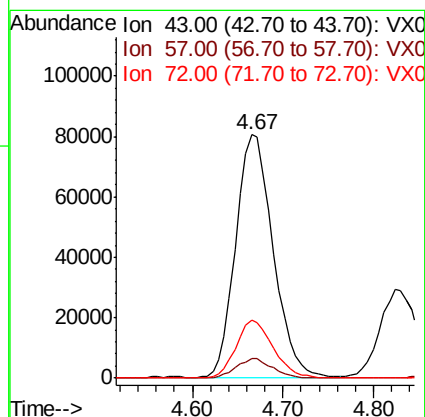
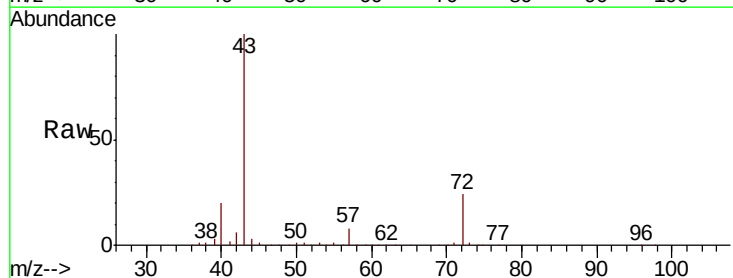
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

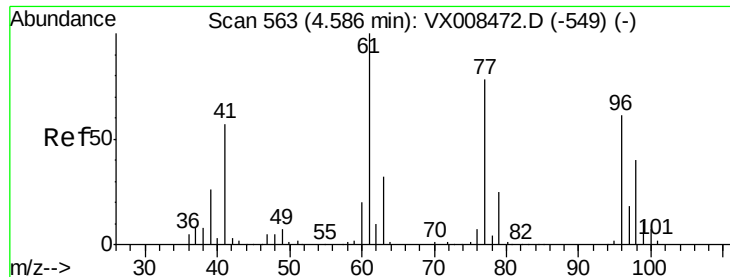
Tot Ion: 75 Resp: 66033
 Ion Ratio Lower Upper
 75 100
 110 32.7 0.0 80.8
 77 31.3 0.0 62.4



#30
 2-Butanone
 Concen: 92.166 ug/l
 RT: 4.67 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VX008480.D
 Acq: 27 Mar 2019 14:20

Tgt Ion: 43 Resp: 229975
 Ion Ratio Lower Upper
 43 100
 57 7.9 7.0 10.6
 72 23.7 21.5 32.3

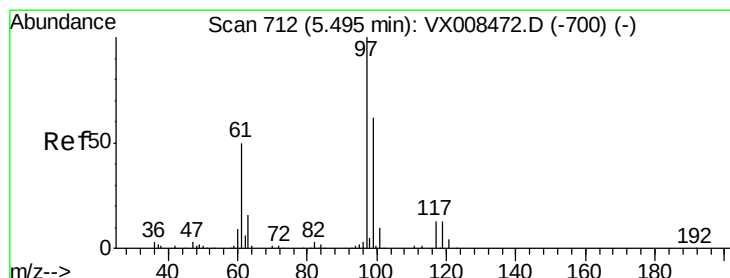
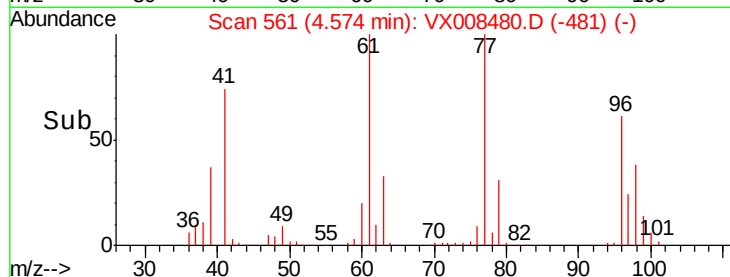
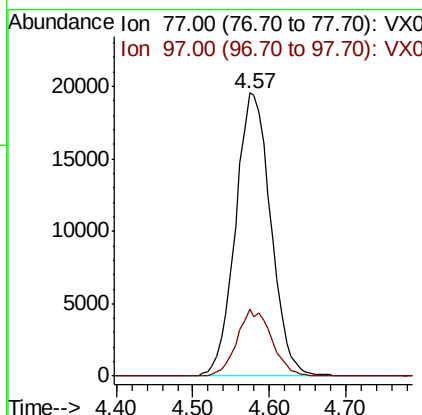
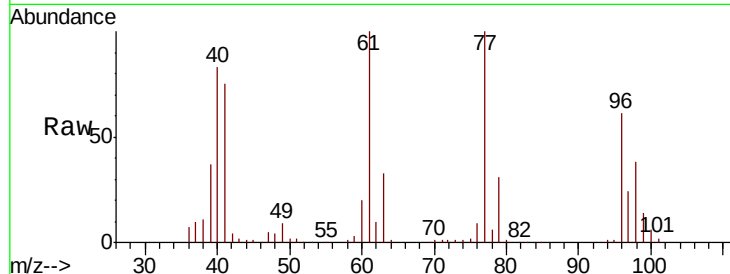




#31
 2,2-Dichloropropane
 Concen: 18.460 ug/l
 RT: 4.57 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VX008480.D
 Acq: 27 Mar 2019 14:20

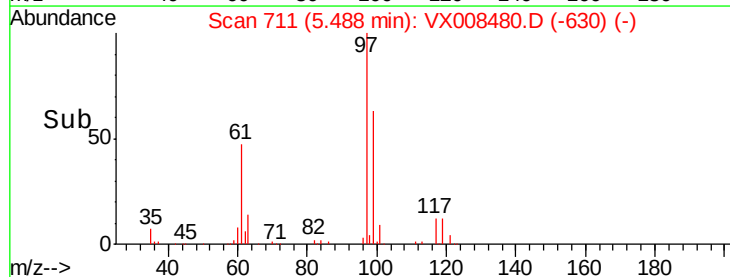
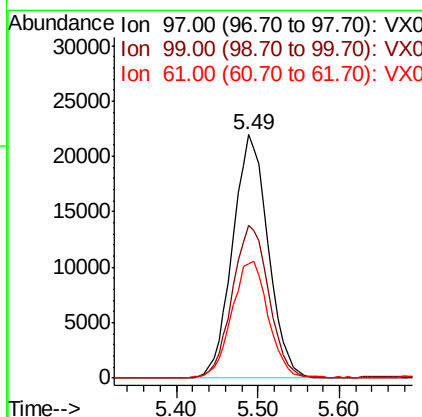
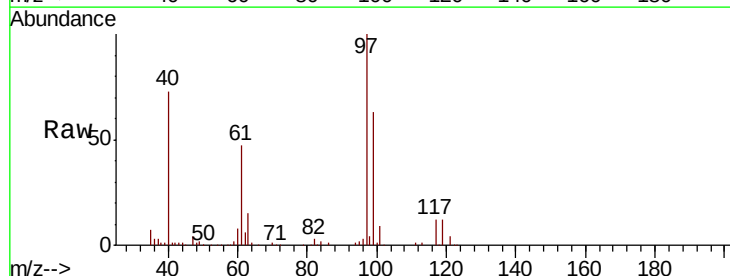
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

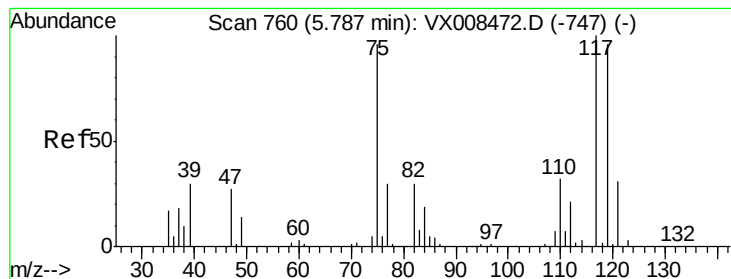
Tot Ion: 77 Resp: 62562
 Ion Ratio Lower Upper
 77 100
 97 23.2 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 18.796 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX008480.D
 Acq: 27 Mar 2019 14:20

Tgt Ion: 97 Resp: 66231
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.7 77.5
 61 49.4 32.8 49.2#





#33

Carbon Tetrachloride

Concen: 18.727 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampled :

VX0327WBS01

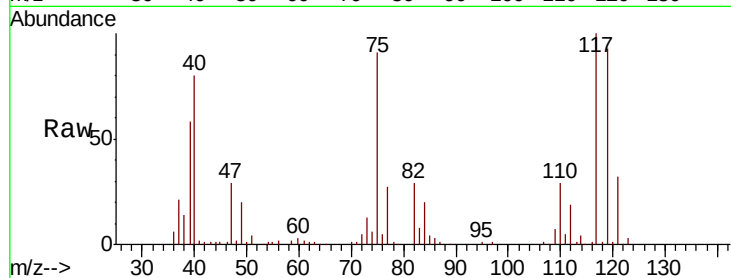
Tot Ion:117 Resp: 55209

Ion Ratio Lower Upper

117 100

119 92.6 78.1 117.1

121 31.7 27.0 40.6

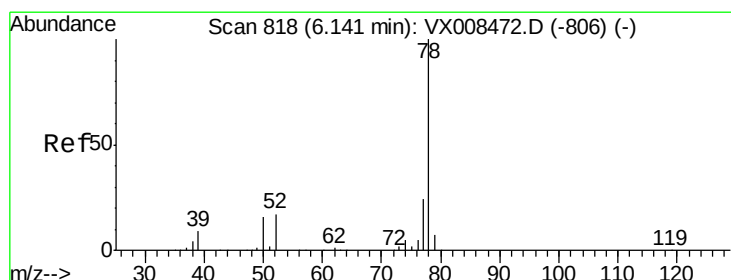
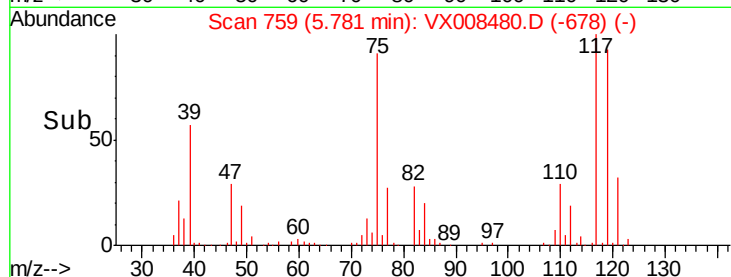
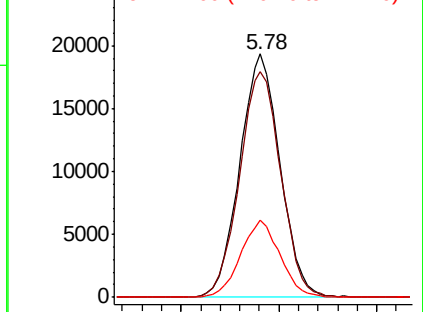


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.300 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

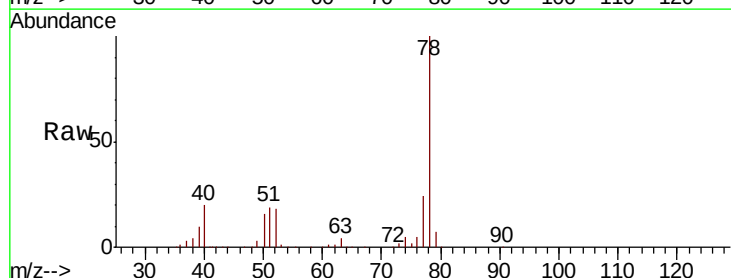
Tgt Ion: 78 Resp: 200188

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7

51 18.5 10.8 16.2#

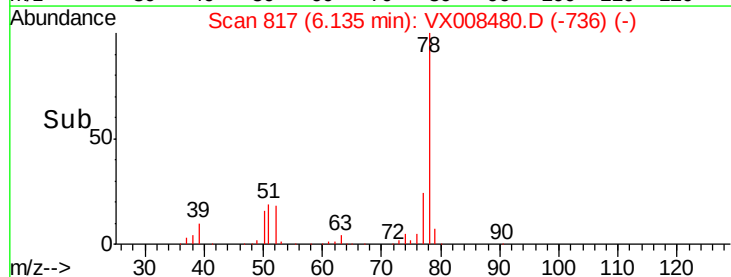
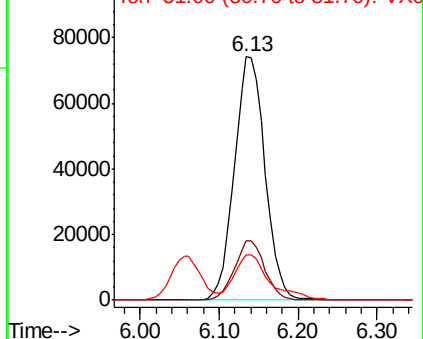


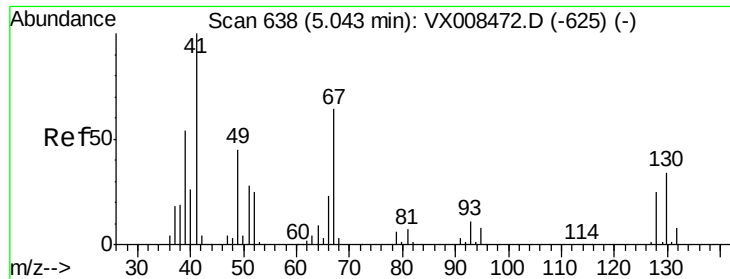
Abundance

Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#35

Methacrylonitrile

Concen: 18.903 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tot Ion: 41 Resp: 47965

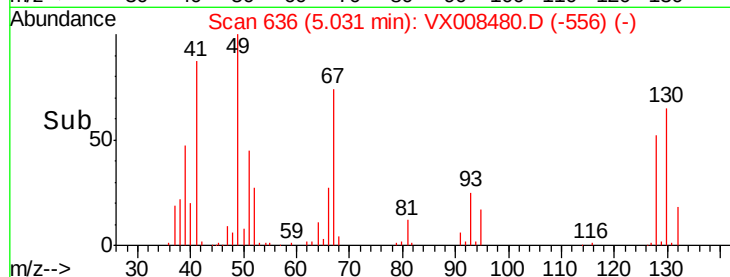
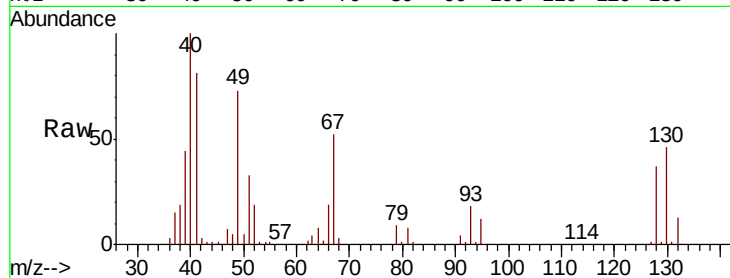
Ion Ratio Lower Upper

41 100

39 52.9 27.4 82.0

67 64.1 37.9 113.6

52 23.5 13.3 39.9

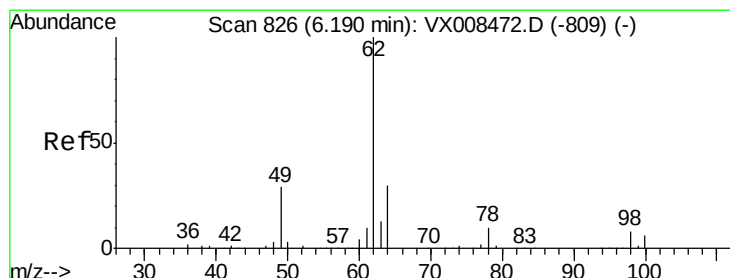
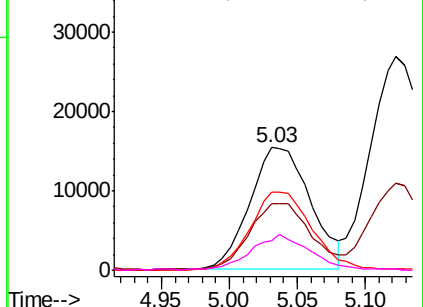


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36

1,2-Dichloroethane

Concen: 19.164 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX008480.D

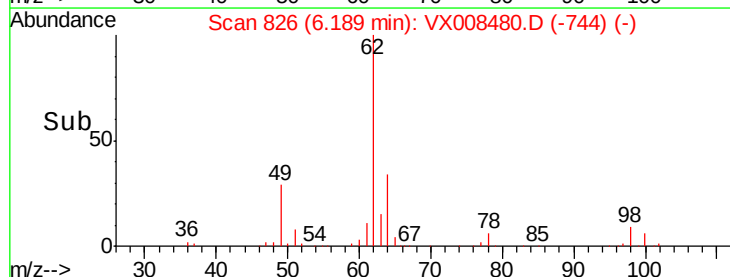
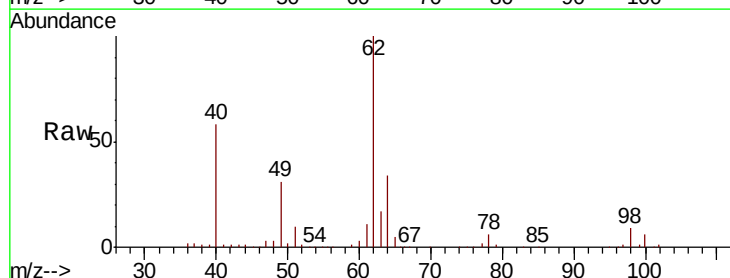
Acq: 27 Mar 2019 14:20

Tgt Ion: 62 Resp: 70868

Ion Ratio Lower Upper

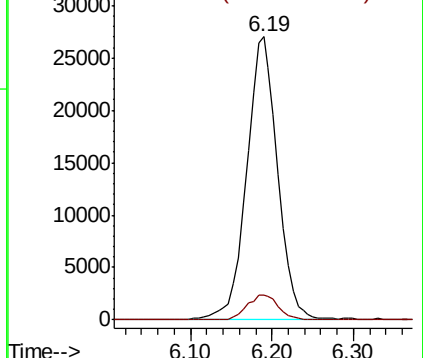
62 100

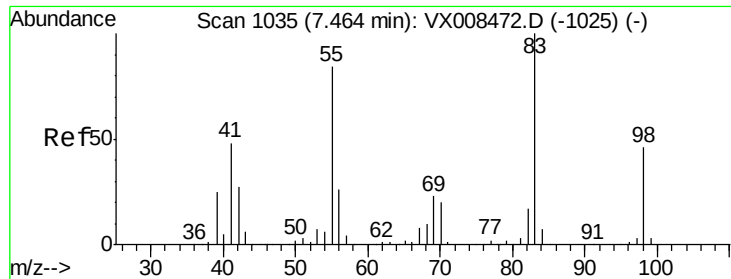
98 8.9 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

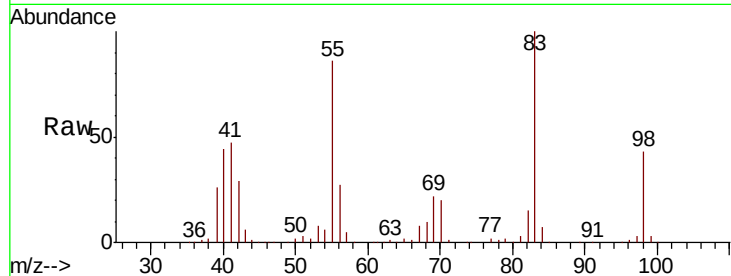




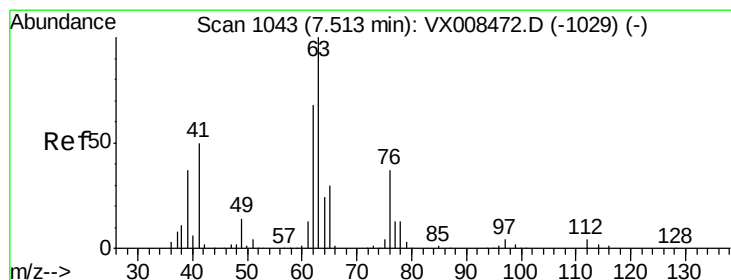
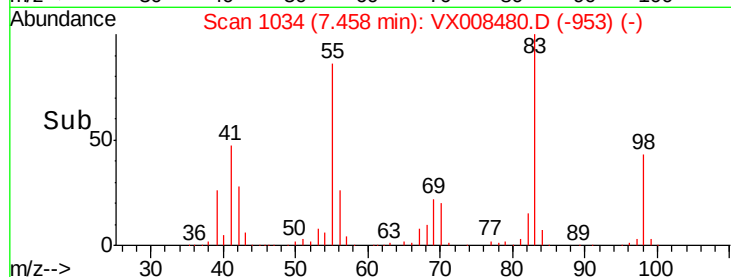
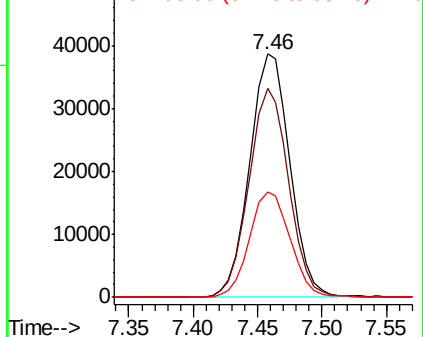
#38
Methylvlcyclohexane
Concen: 19.557 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Instrument :
MSVOA_X
ClientSampled :
VX0327WBS01

Tot Ion: 83 Resp: 83620
Ion Ratio Lower Upper
83 100
55 85.3 36.0 108.0
98 44.2 23.8 71.4

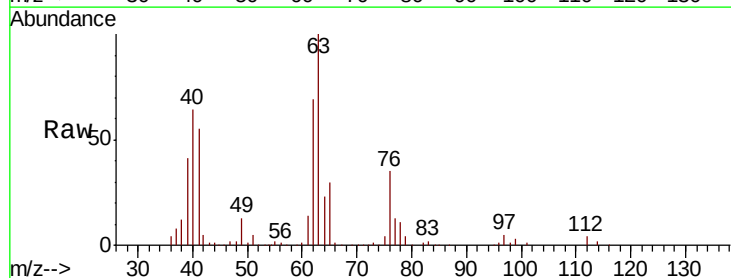


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

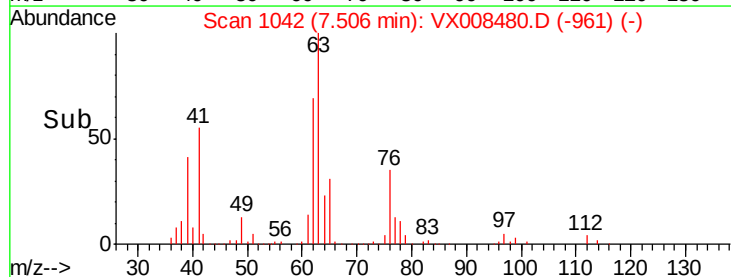
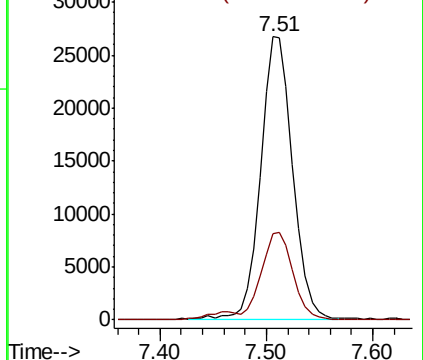


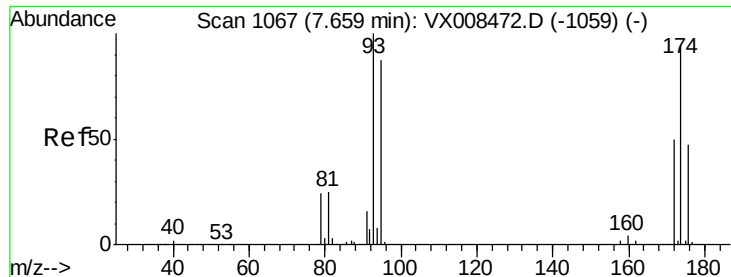
#39
1,2-Dichloropropane
Concen: 19.041 ug/l
RT: 7.51 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Tgt Ion: 63 Resp: 56019
Ion Ratio Lower Upper
63 100
65 30.3 24.6 37.0



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 65.00 (64.70 to 65.70): VX0





#40

Dibromomethane

Concen: 18.846 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

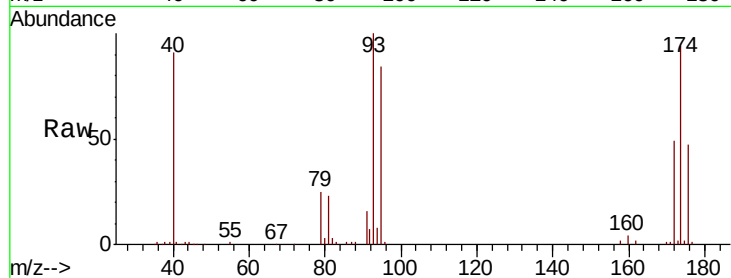
Tot Ion: 93 Resp: 32118

Ion Ratio Lower Upper

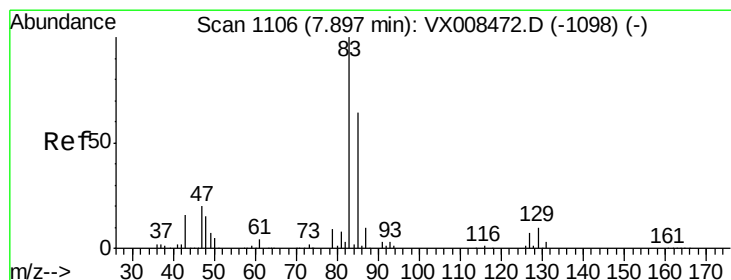
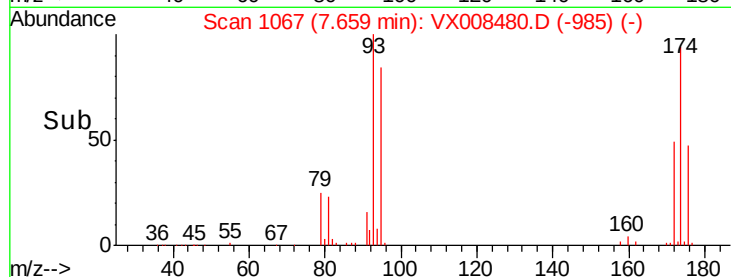
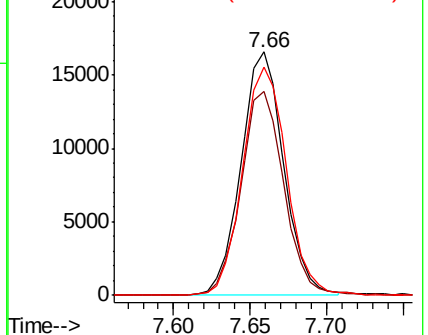
93 100

95 84.3 0.0 158.8

174 96.4 0.0 224.2



Abundance Ion 93.00 (92.70 to 93.70): VX0
Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V



#41

Bromodichloromethane

Concen: 18.609 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

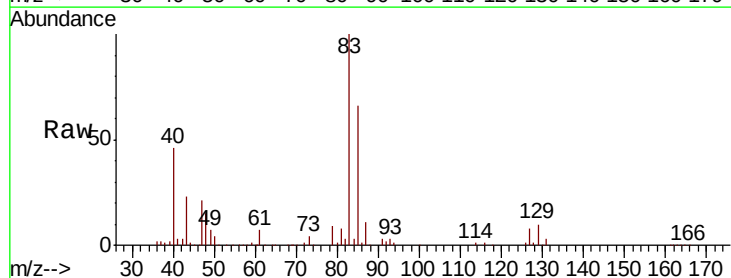
Tgt Ion: 83 Resp: 62357

Ion Ratio Lower Upper

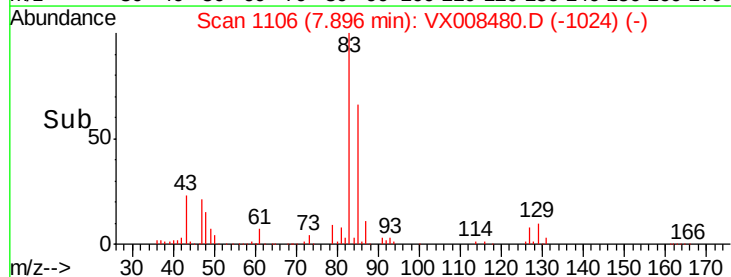
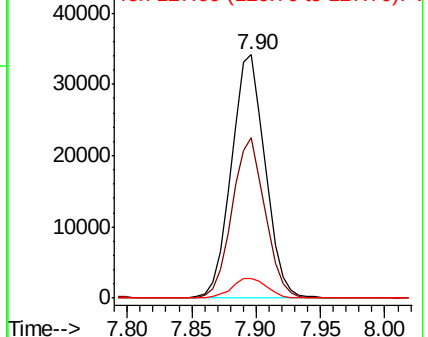
83 100

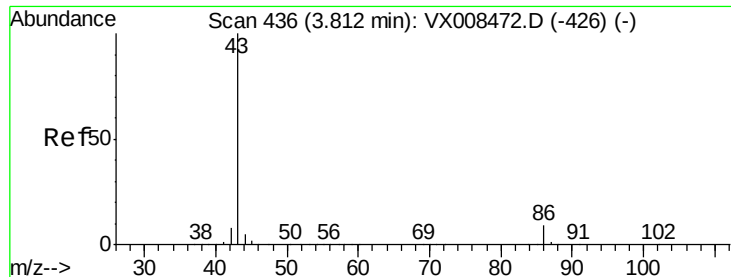
85 65.8 51.1 76.7

127 8.1 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V





#42

Vinyl Acetate

Concen: 96.275 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

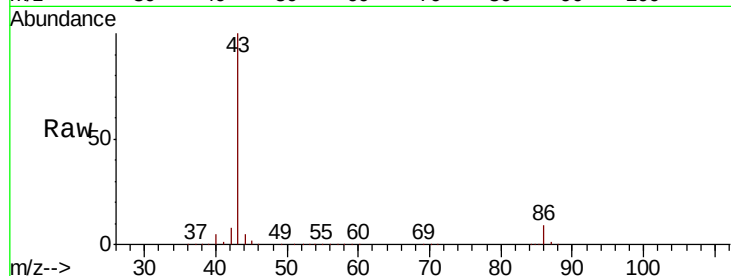
VX0327WBS01

Tot Ion: 43 Resp: 814352

Ion Ratio Lower Upper

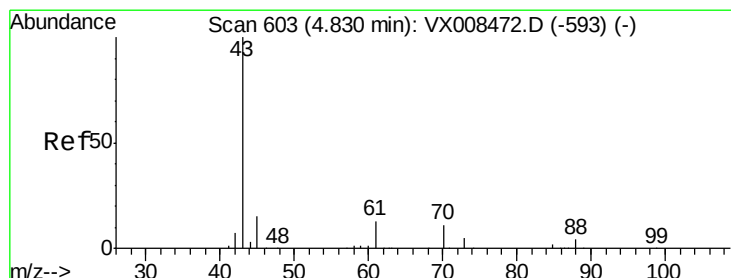
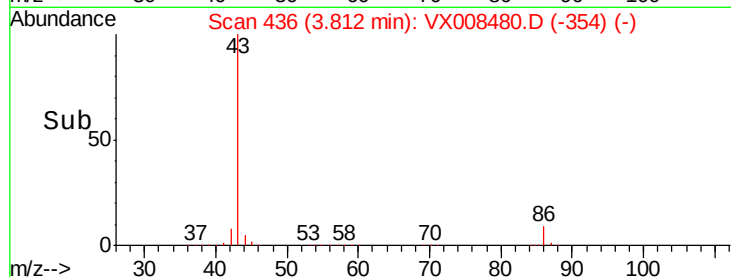
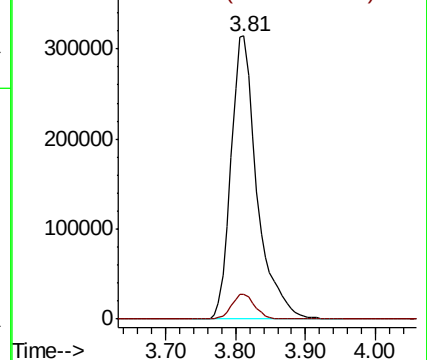
43 100

86 7.9 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#43

Ethyl Acetate

Concen: 18.908 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX008480.D

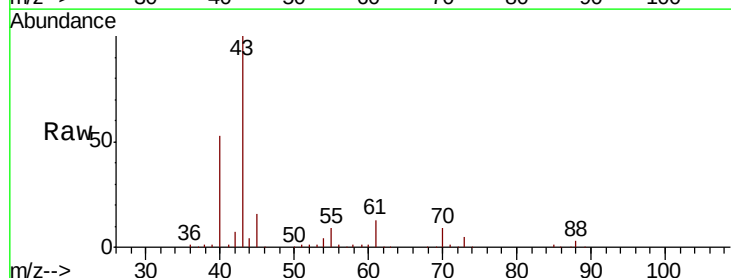
Acq: 27 Mar 2019 14:20

Tgt Ion: 43 Resp: 84913

Ion Ratio Lower Upper

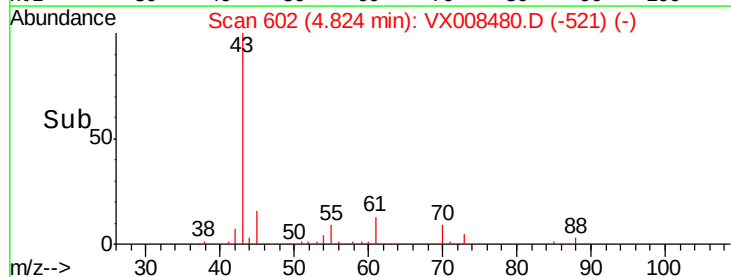
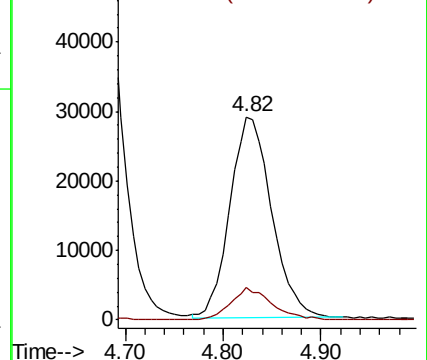
43 100

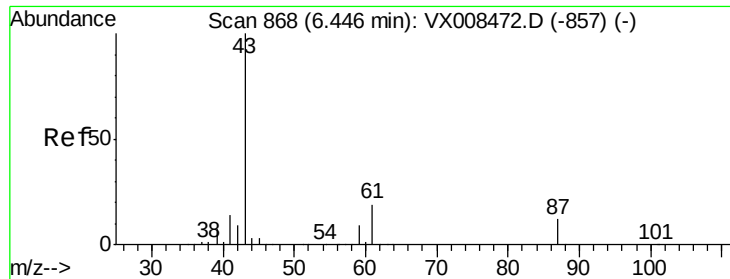
45 15.1 6.9 10.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#44

Isopropyl Acetate

Concen: 18.641 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

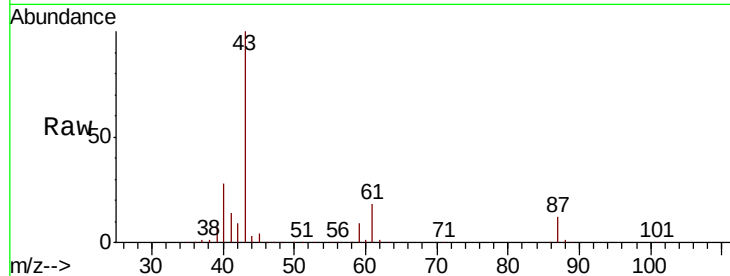
VX0327WBS01

Tot Ion: 43 Resp: 135367

Ion Ratio Lower Upper

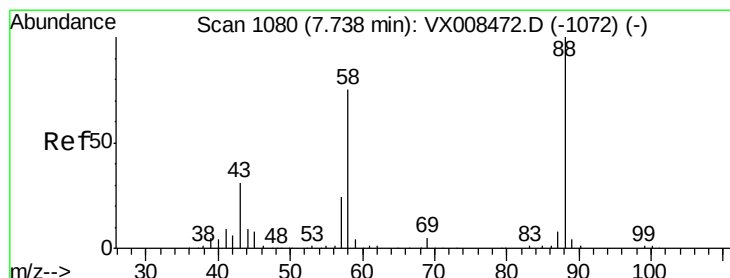
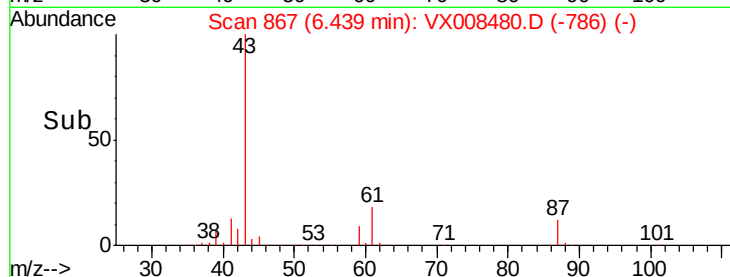
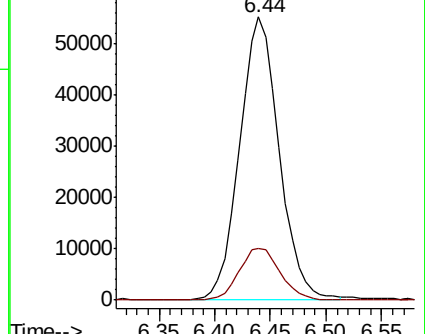
43 100

61 19.3 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#45

1,4-Dioxane

Concen: 391.016 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

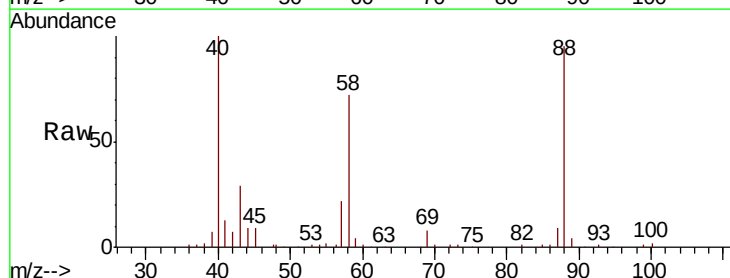
Tgt Ion: 88 Resp: 28267

Ion Ratio Lower Upper

88 100

43 34.4 23.6 35.4

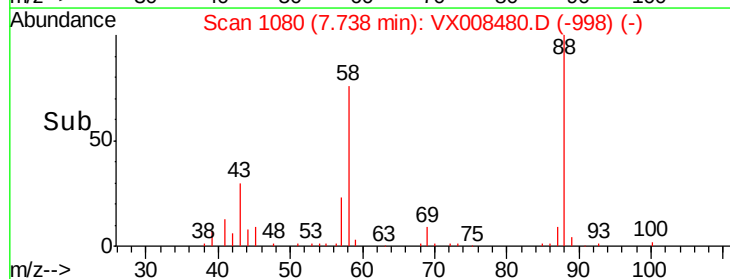
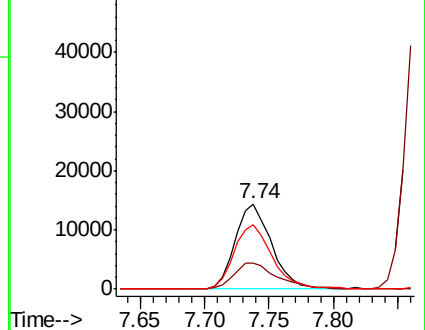
58 79.0 51.6 77.4#

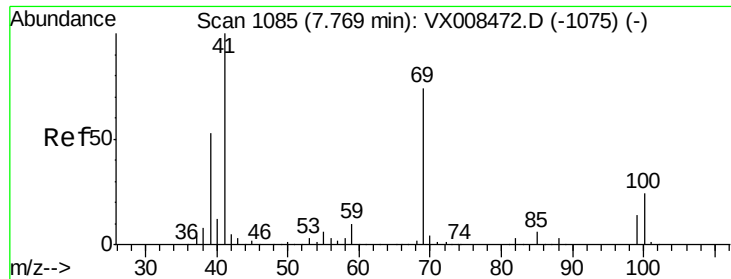


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

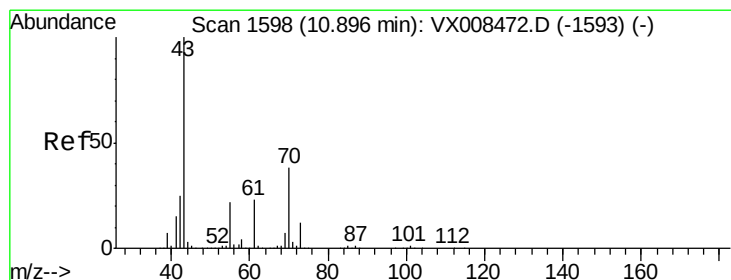
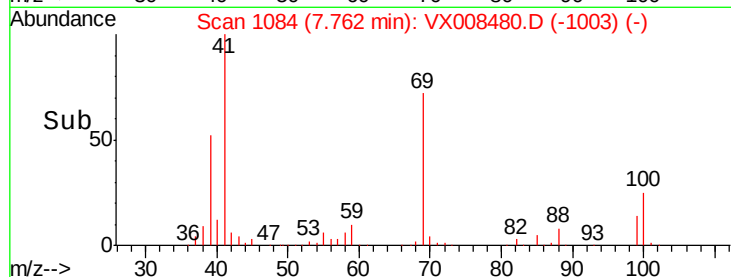
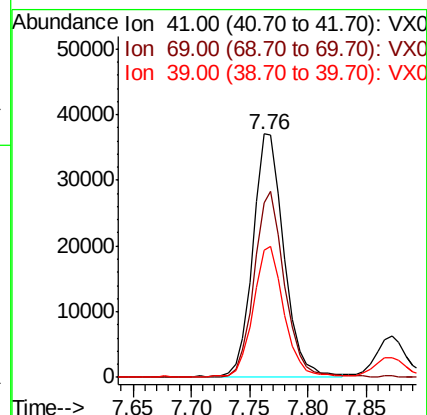
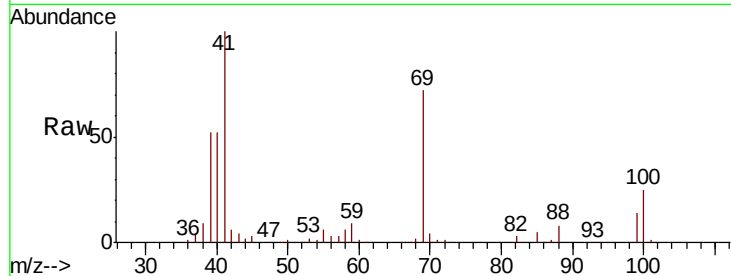




#46
Methvl methacrylate
Concen: 18.504 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. -0.01 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

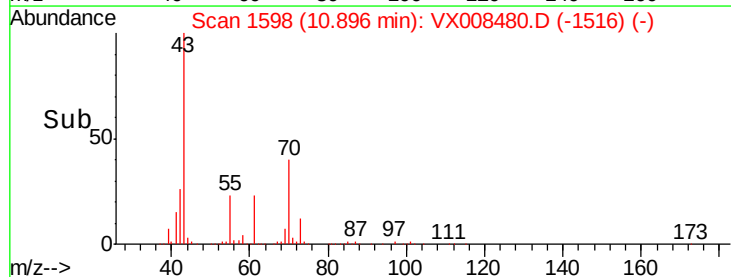
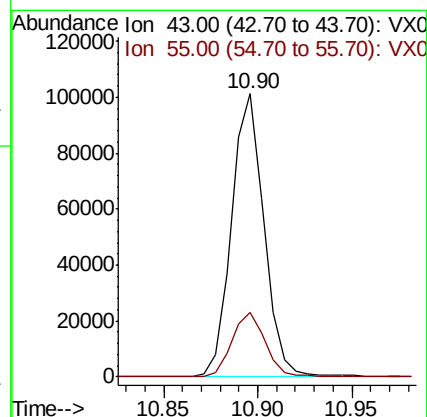
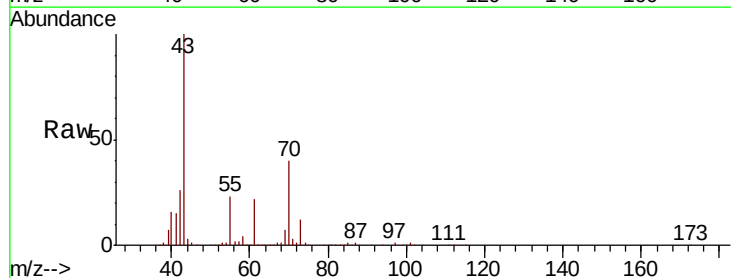
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

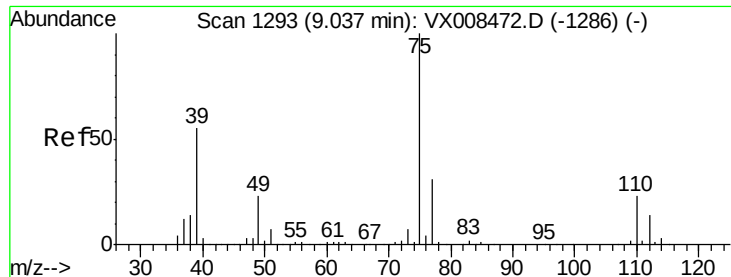
Tot Ion: 41 Resp: 68245
Ion Ratio Lower Upper
41 100
69 72.0 44.2 132.6
39 52.1 29.9 89.8



#47
n-amyI Acetate
Concen: 18.256 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Tgt Ion: 43 Resp: 120425
Ion Ratio Lower Upper
43 100
55 23.5 20.8 31.2





#48

t-1,3-Dichloropropene

Concen: 18.122 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampled :

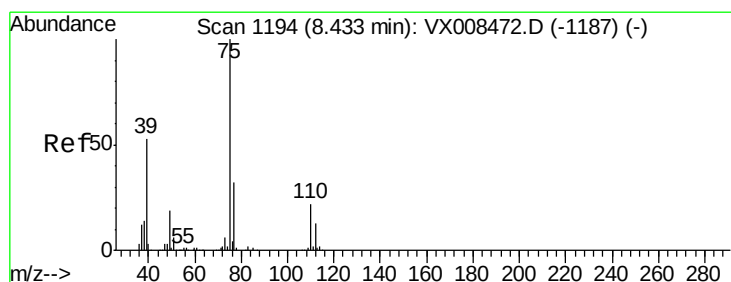
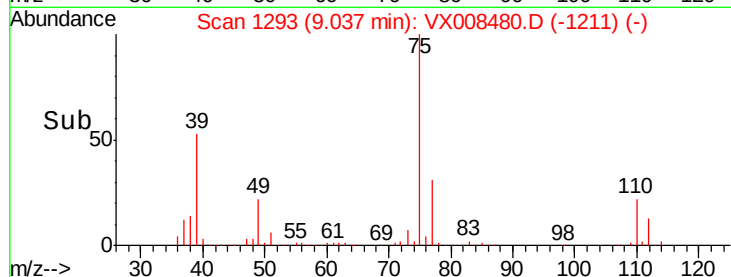
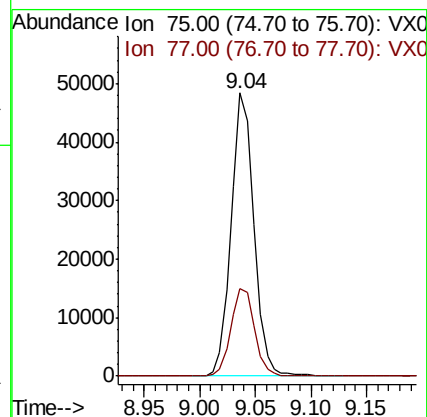
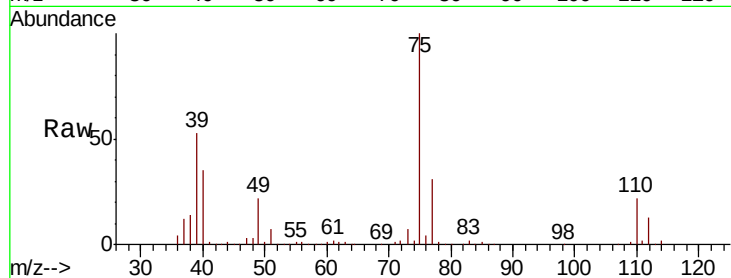
VX0327WBS01

Tot Ion: 75 Resp: 68592

Ion Ratio Lower Upper

75 100

77 30.9 24.5 36.7



#49

cis-1,3-Dichloropropene

Concen: 18.513 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

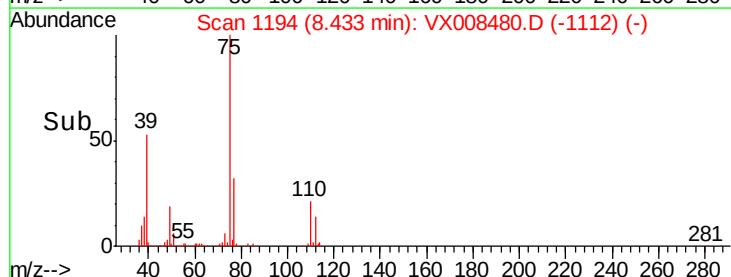
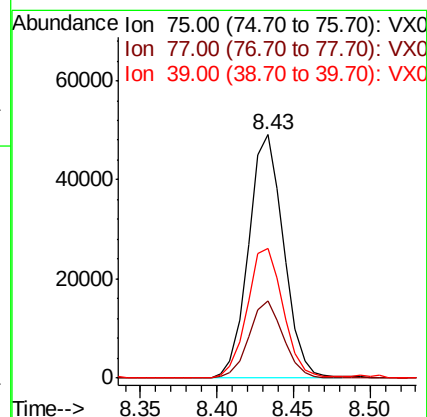
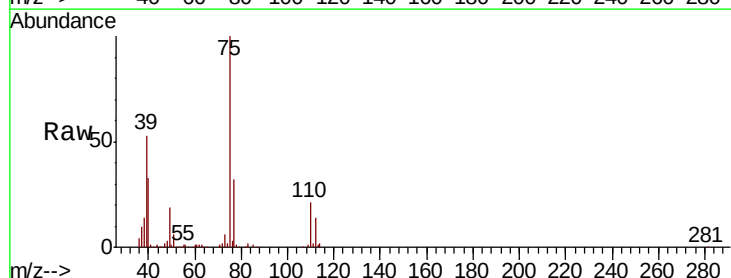
Tgt Ion: 75 Resp: 78375

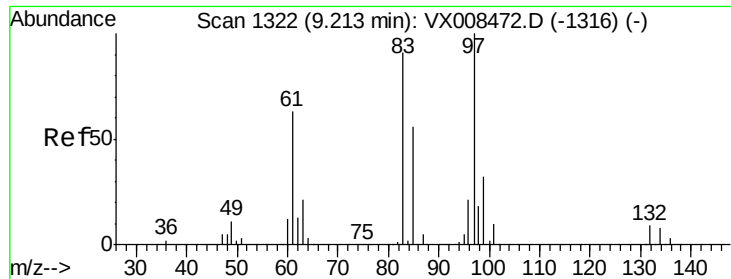
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 53.0 38.5 57.7

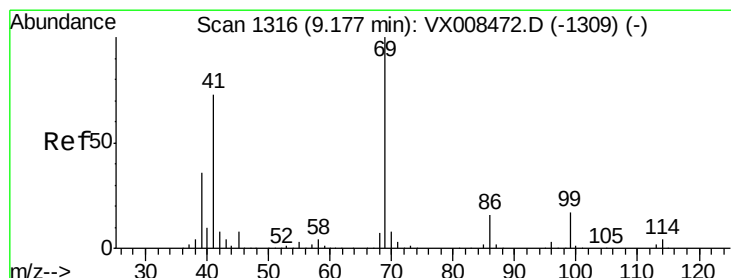
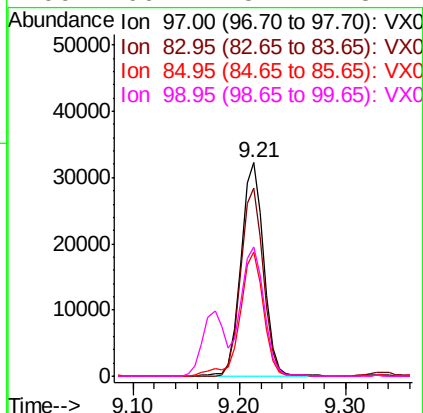
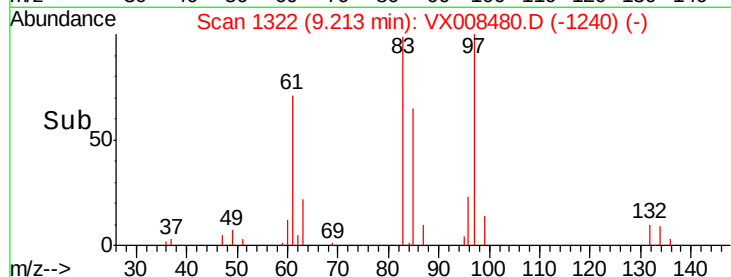
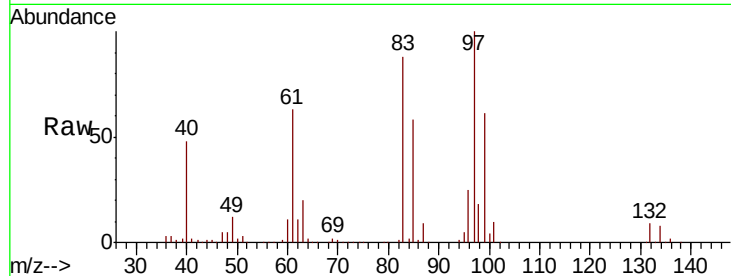




#50
1,1,2-Trichloroethane
Concen: 19.114 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

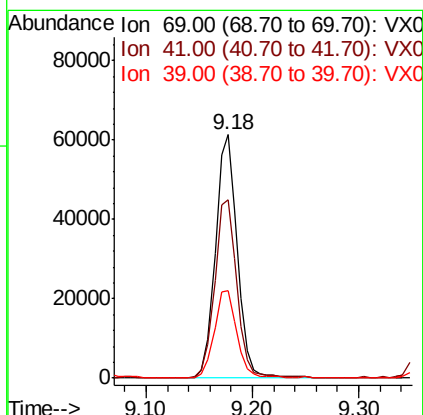
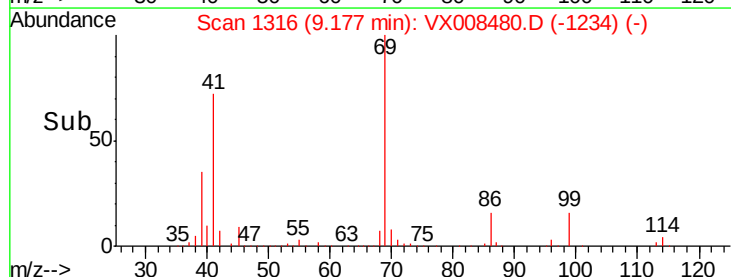
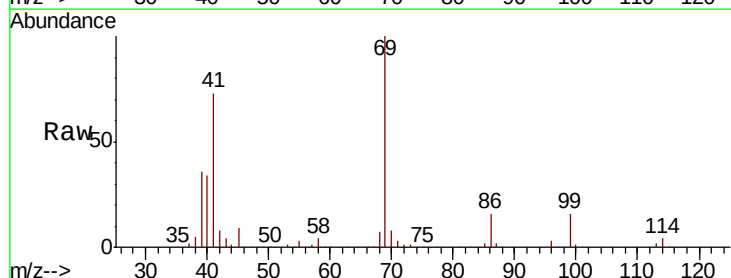
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

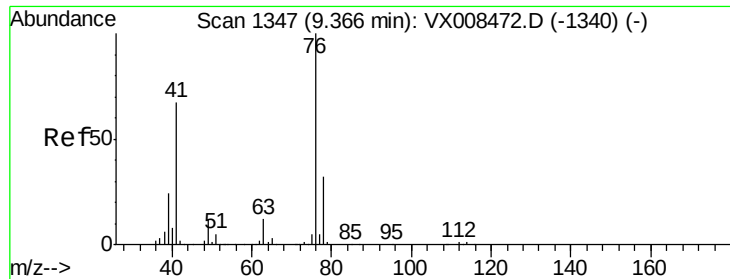
Tot Ion:	97	Resp:	48367
Ion	Ratio	Lower	Upper
97	100		
83	87.9	72.0	108.0
85	57.9	45.0	67.6
99	60.7	54.2	81.4



#51
Ethyl methacrylate
Concen: 18.383 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Tgt Ion:	69	Resp:	86565
Ion	Ratio	Lower	Upper
69	100		
41	73.3	32.1	96.5
39	35.8	18.8	56.3





#52

1,3-Dichloropropane

Concen: 19.155 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

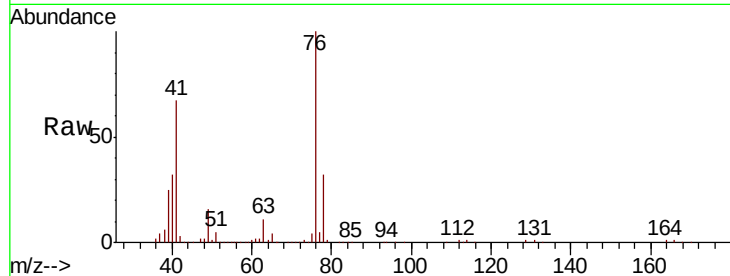
VX0327WBS01

Tot Ion: 76 Resp: 86236

Ion Ratio Lower Upper

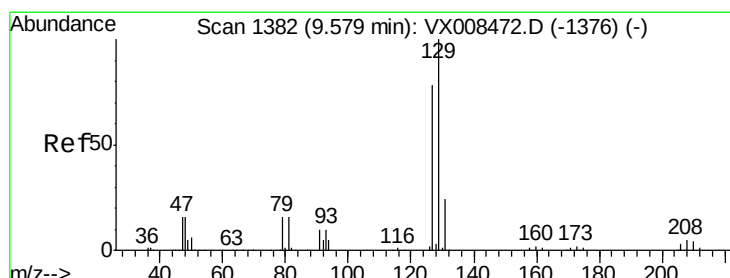
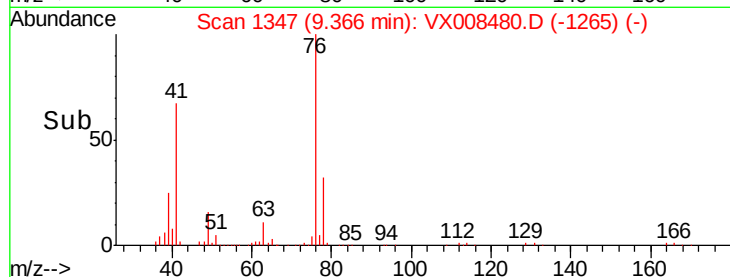
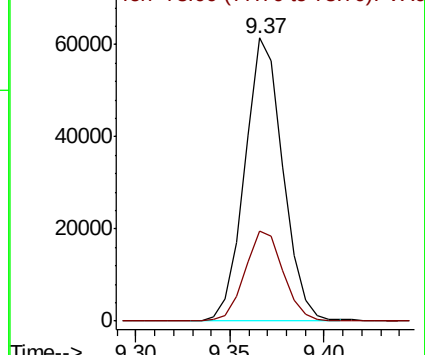
76 100

78 32.1 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0



#53

Dibromochloromethane

Concen: 17.973 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008480.D

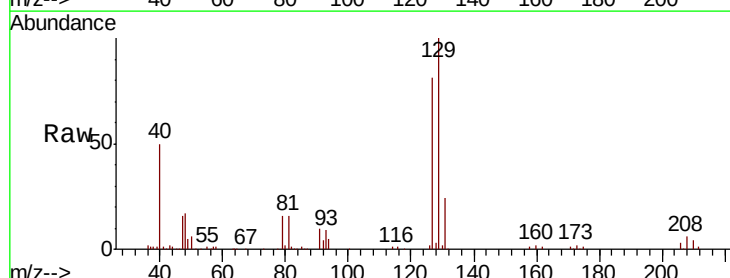
Acq: 27 Mar 2019 14:20

Tgt Ion: 129 Resp: 44756

Ion Ratio Lower Upper

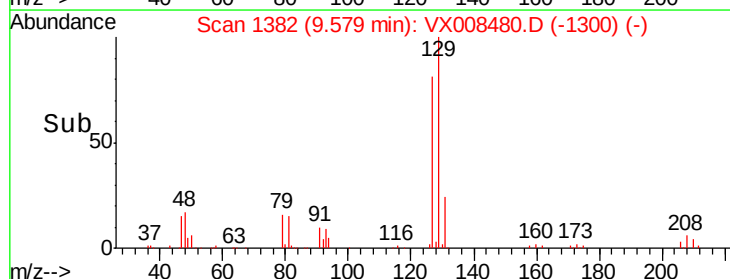
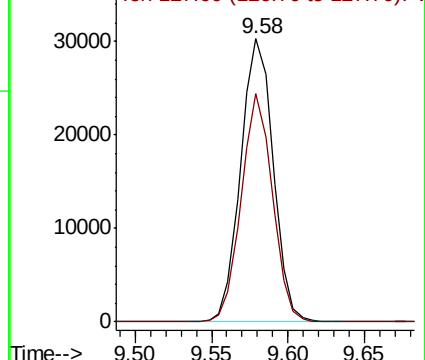
129 100

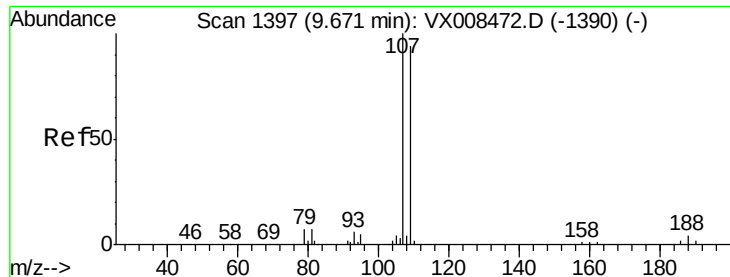
127 77.0 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#54

1,2-Dibromoethane

Concen: 19.027 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

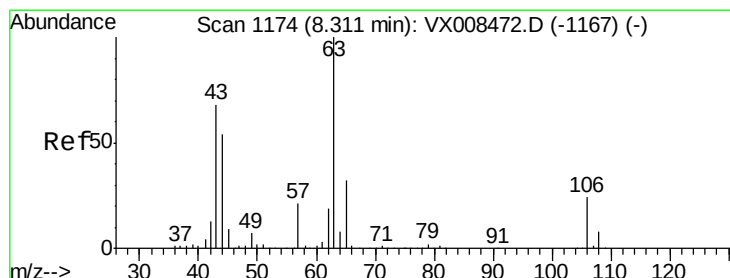
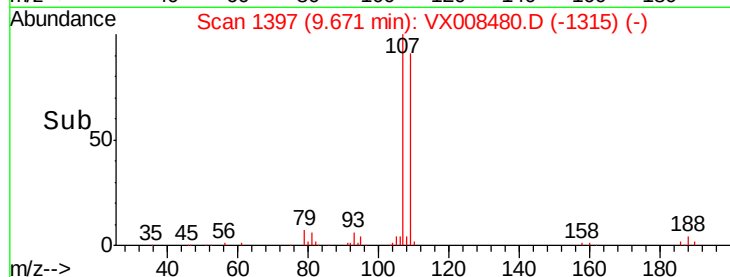
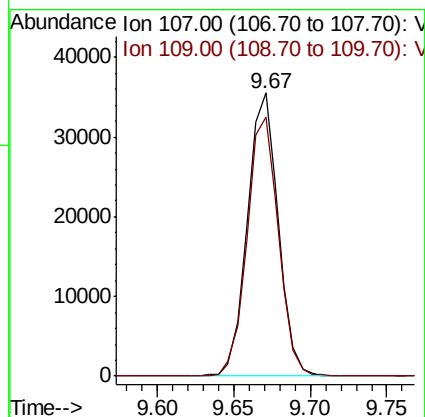
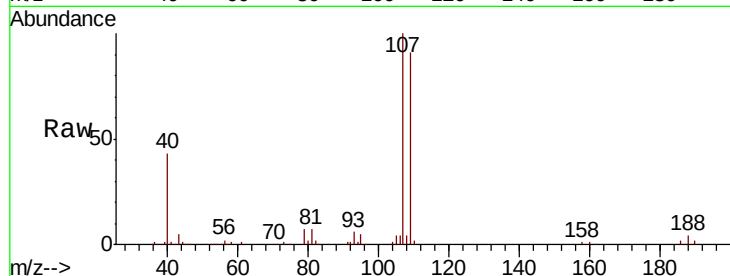
VX0327WBS01

Tot Ion:107 Resp: 49633

Ion Ratio Lower Upper

107 100

109 92.9 76.6 115.0



#55

2-Chloroethyl vinyl ether

Concen: 95.074 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

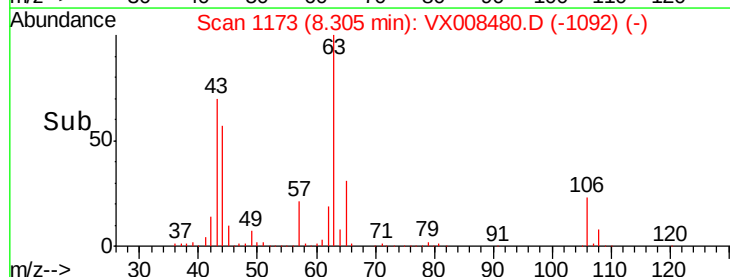
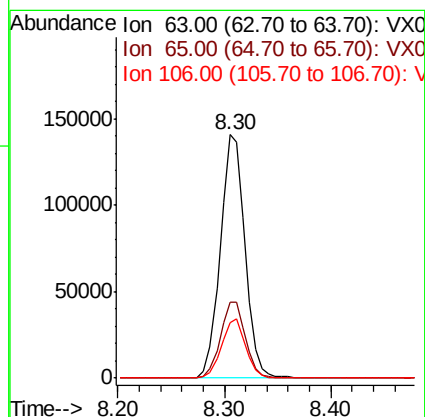
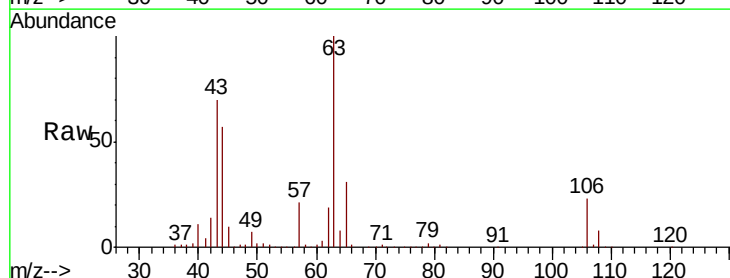
Tgt Ion: 63 Resp: 225866

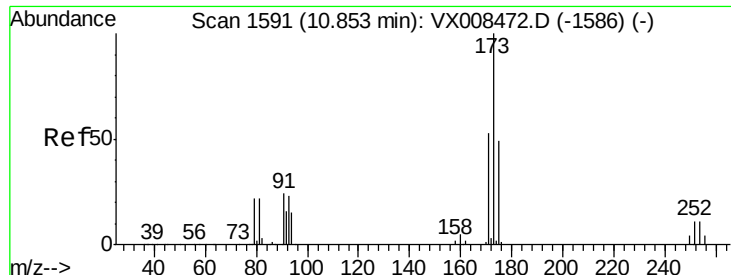
Ion Ratio Lower Upper

63 100

65 31.8 25.7 38.5

106 23.9 23.7 35.5

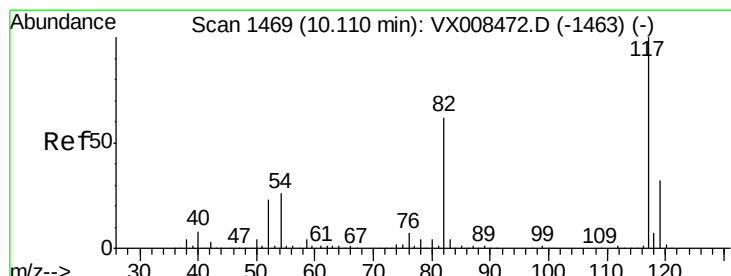
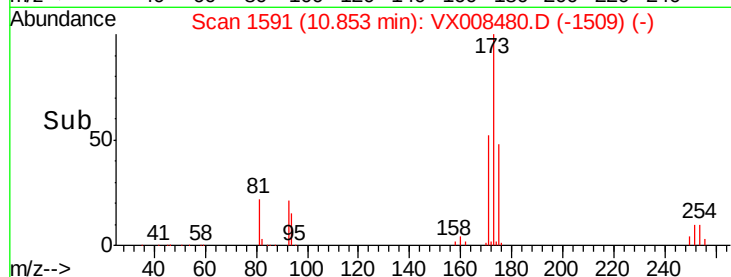
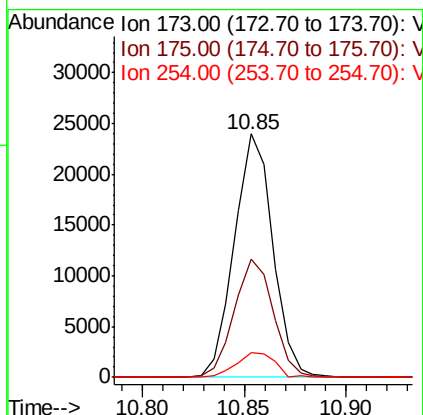
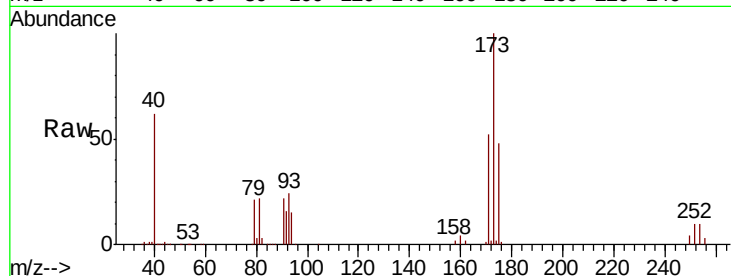




#56
Bromoform
Concen: 17.363 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

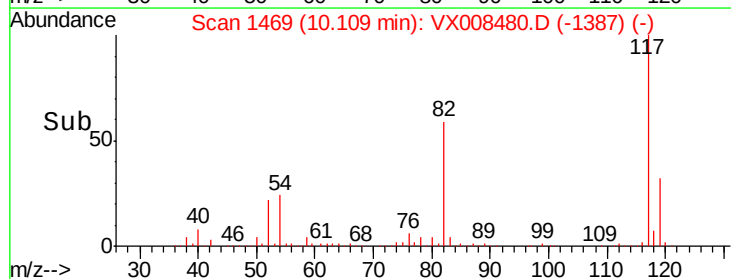
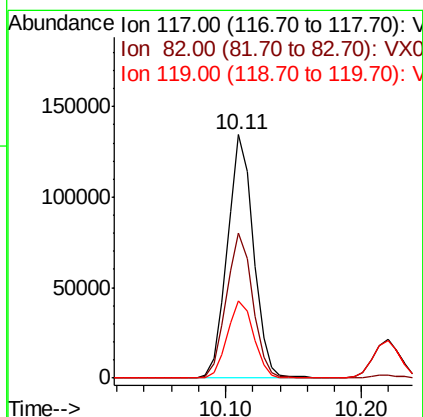
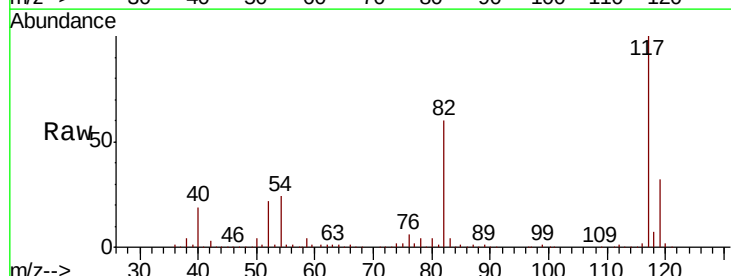
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

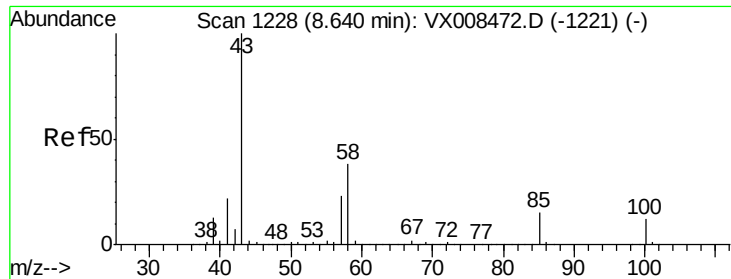
Tot Ion:173 Resp: 31511
Ion Ratio Lower Upper
173 100
175 49.0 38.5 57.7
254 10.0 7.4 11.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Tgt Ion:117 Resp: 179726
Ion Ratio Lower Upper
117 100
82 60.1 40.4 60.6
119 32.2 25.8 38.6

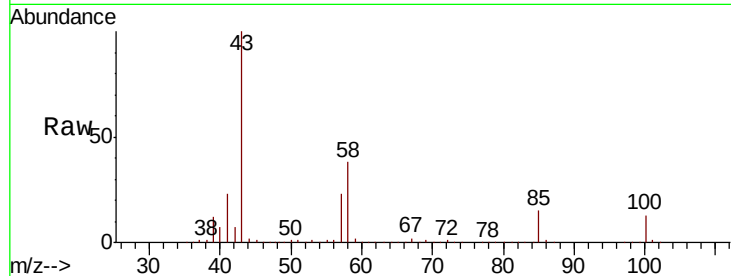




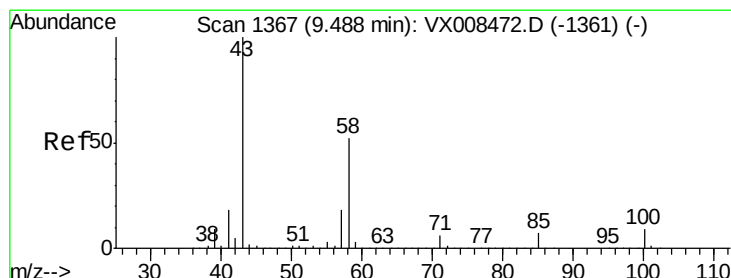
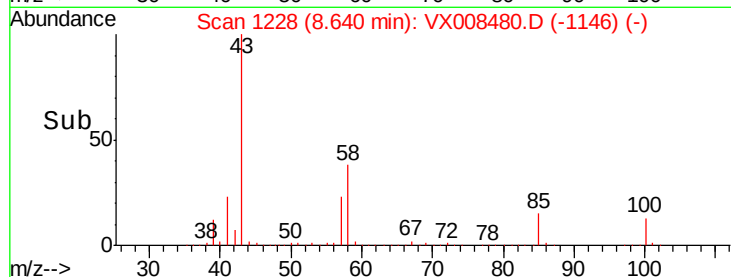
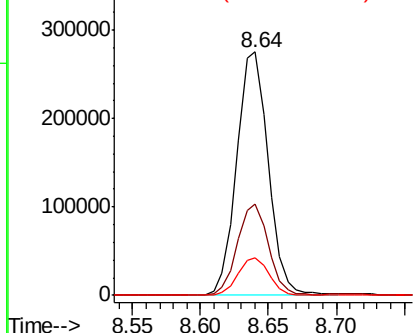
#58
4-Methyl-2-Pentanone
Concen: 94.158 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion: 43 Resp: 446448
Ion Ratio Lower Upper
43 100
58 37.1 31.4 47.0
85 15.3 15.0 22.6

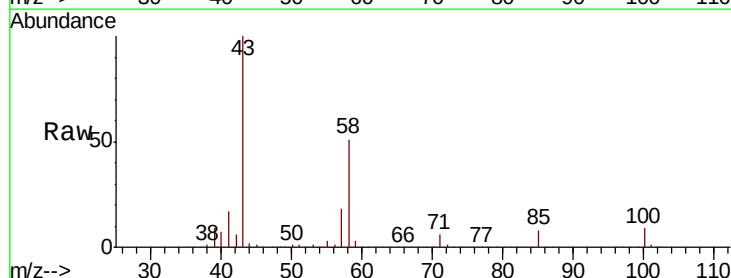


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

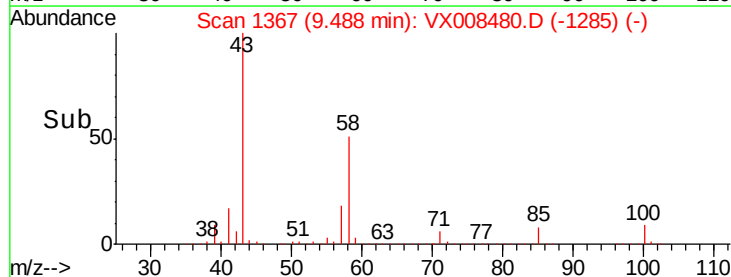
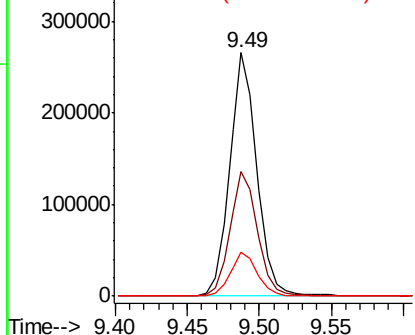


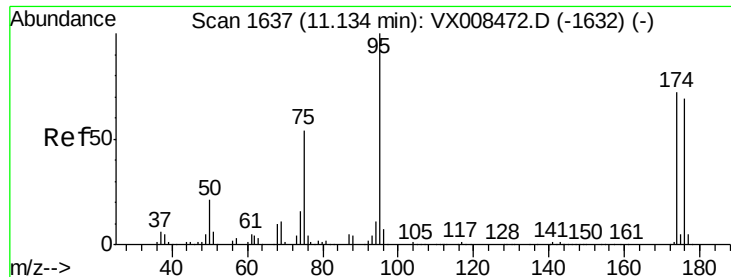
#59
2-Hexanone
Concen: 93.324 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Tgt Ion: 43 Resp: 349591
Ion Ratio Lower Upper
43 100
58 52.3 43.9 65.9
57 17.9 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

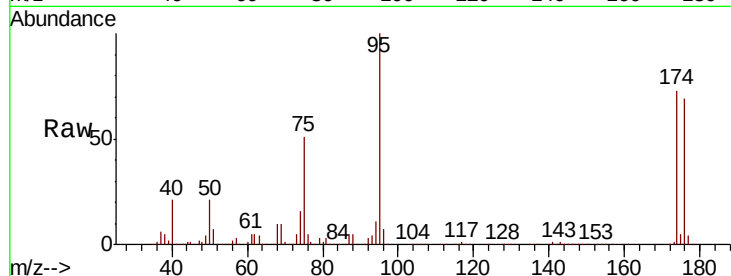




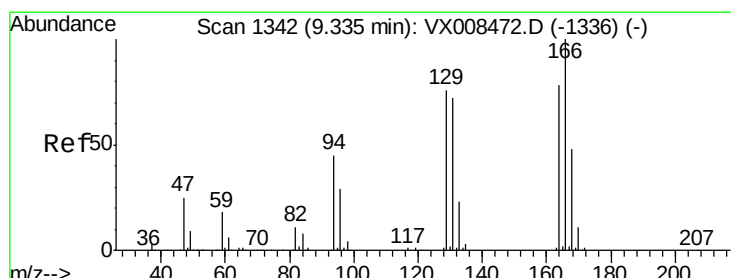
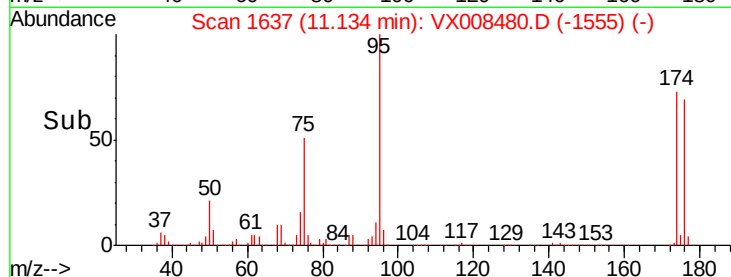
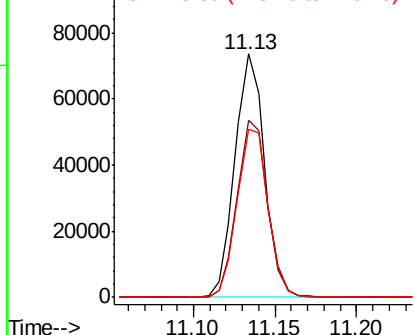
#60
4-Bromofluorobenzene
Concen: 29.737 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion: 95 Resp: 93119
Ion Ratio Lower Upper
95 100
174 75.3 74.9 112.3
176 72.5 70.7 106.1



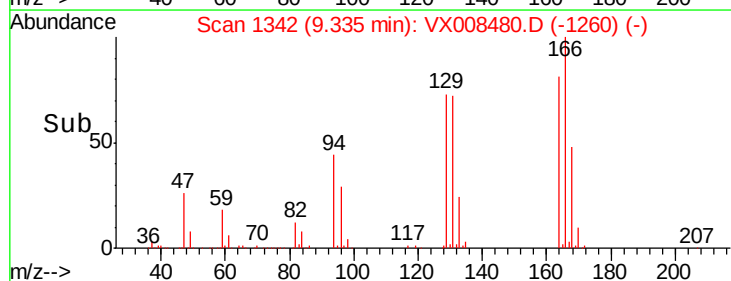
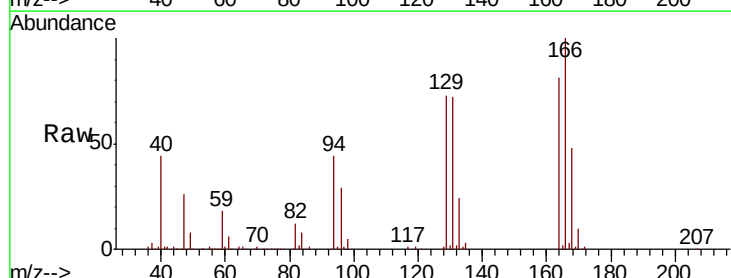
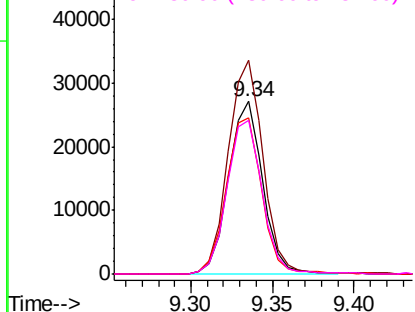
Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

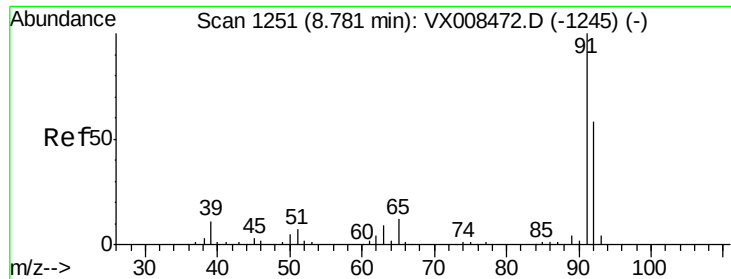


#61
Tetrachloroethene
Concen: 20.060 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Tgt Ion:164 Resp: 39435
Ion Ratio Lower Upper
164 100
166 123.7 103.9 155.9
129 90.5 74.7 112.1
131 89.0 71.7 107.5

Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V





#62

Toluene

Concen: 19.161 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

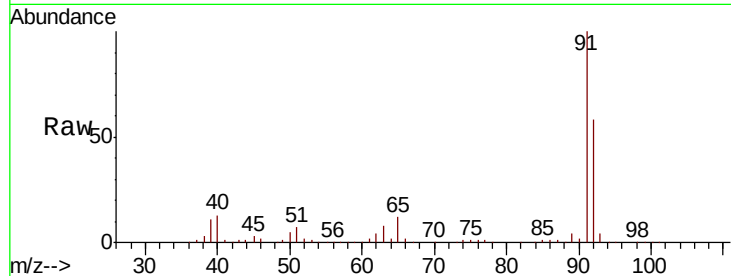
VX0327WBS01

Tot Ion: 91 Resp: 208503

Ion Ratio Lower Upper

91 100

92 57.2 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

8.78

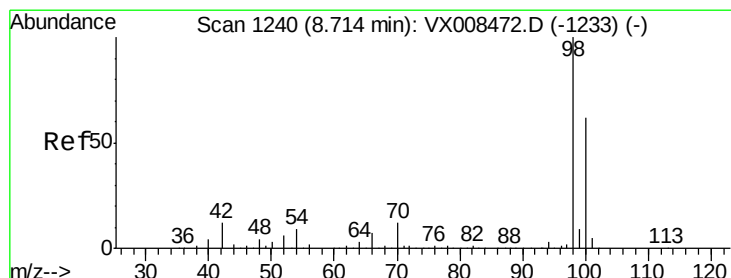
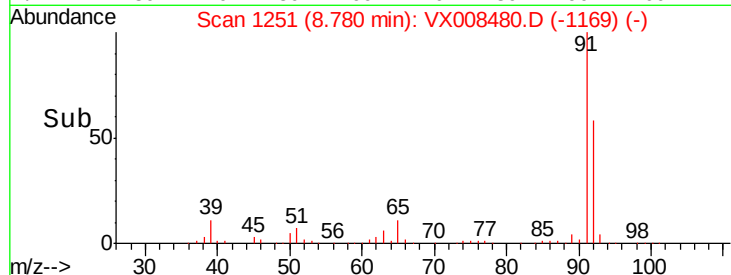
150000

100000

50000

0

Time-->



#63

Toluene-d8

Concen: 30.284 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008480.D

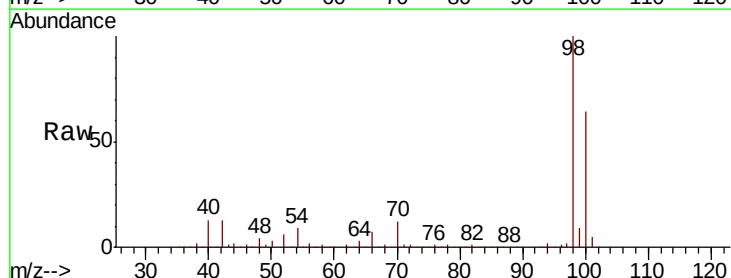
Acq: 27 Mar 2019 14:20

Tgt Ion: 98 Resp: 258356

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

200000

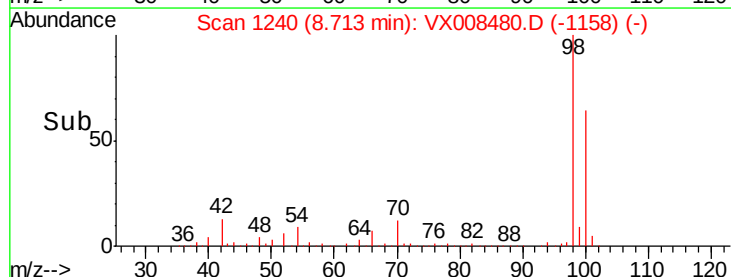
150000

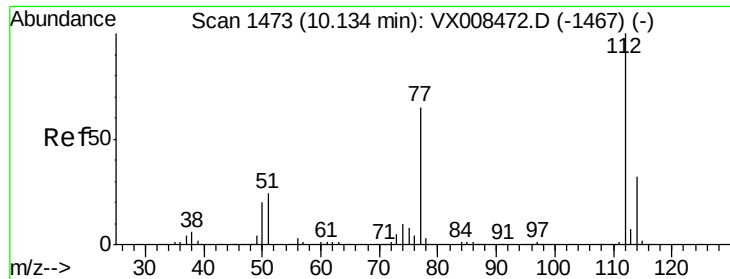
100000

50000

0

Time-->

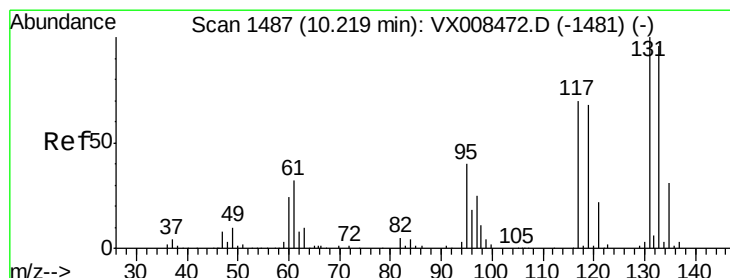
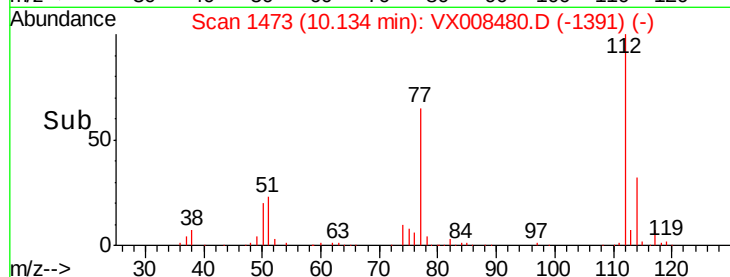
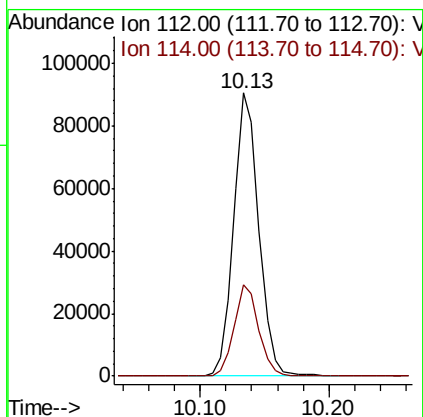
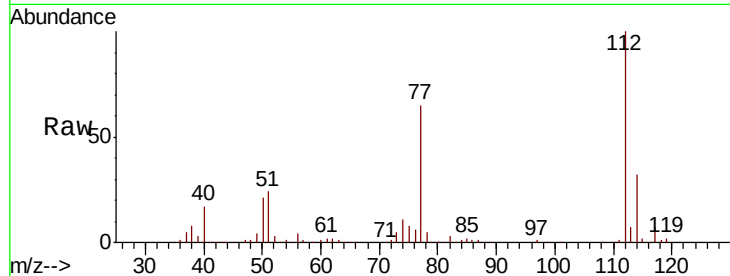




#64
Chlorobenzene
Concen: 19.300 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

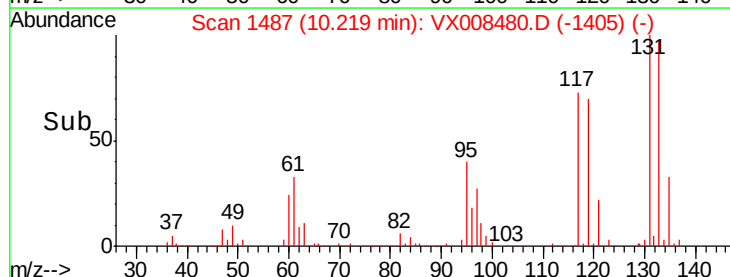
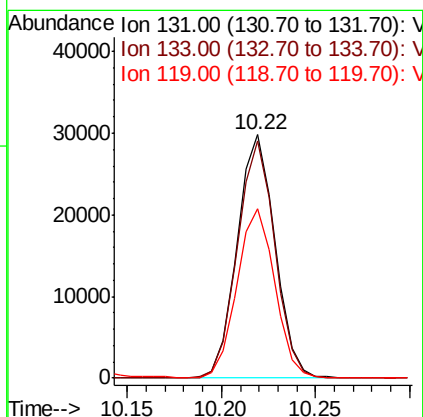
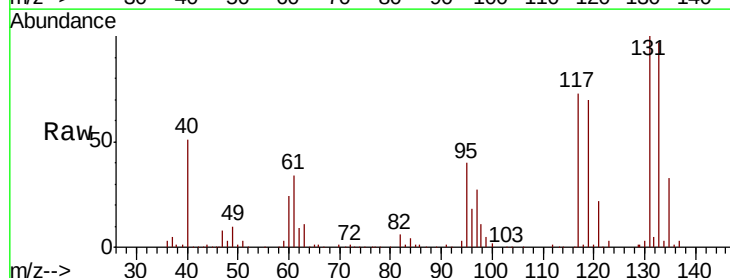
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

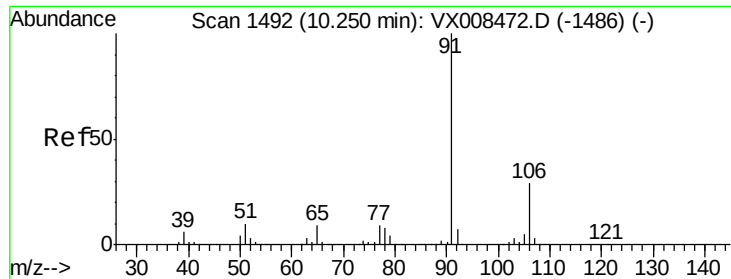
Tot Ion:112 Resp: 123060
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#65
1,1,1,2-Tetrachloroethane
Concen: 18.479 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Tgt Ion:131 Resp: 41542
Ion Ratio Lower Upper
131 100
133 96.1 0.0 191.6
119 69.6 0.0 127.4

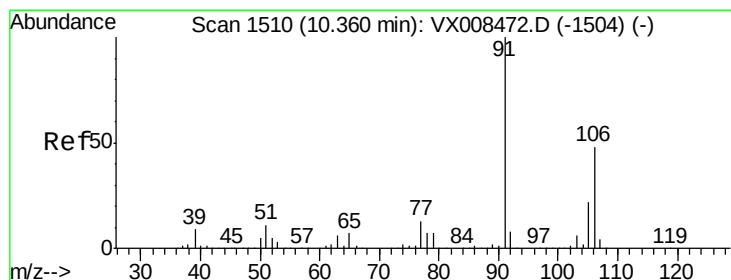
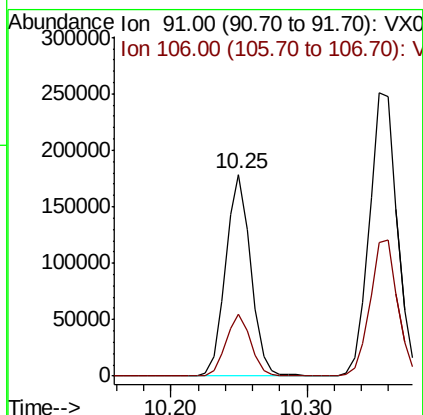
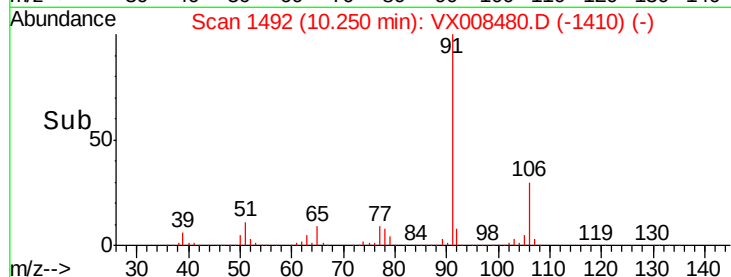
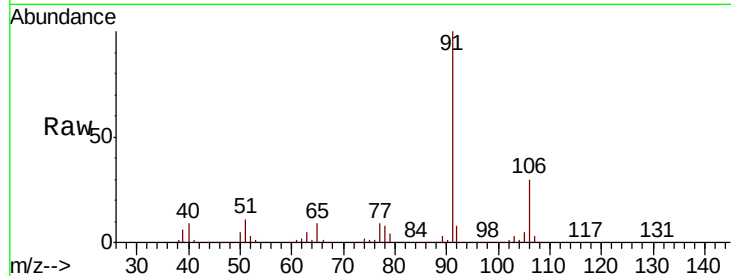




#66
Ethyl Benzene
Concen: 18.972 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

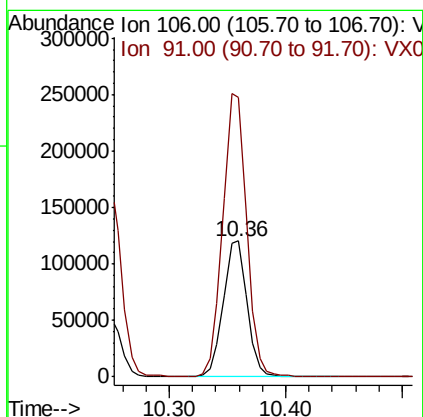
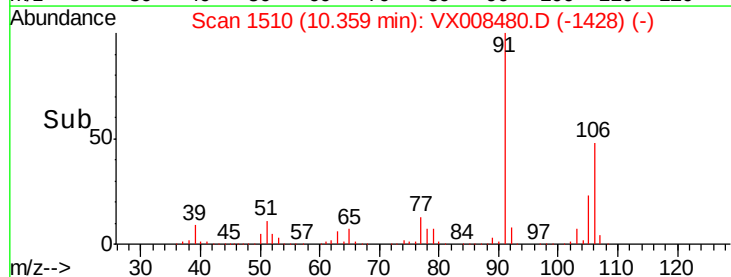
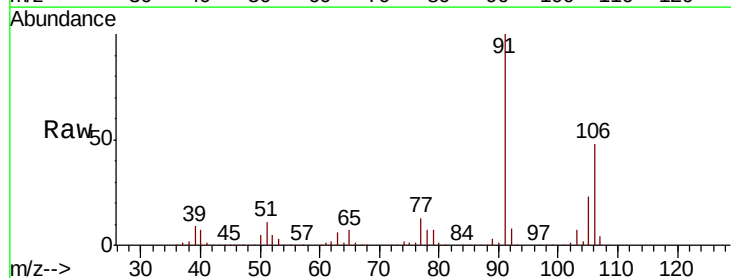
Instrument :
MSVOA_X
ClientSampled :
VX0327WBS01

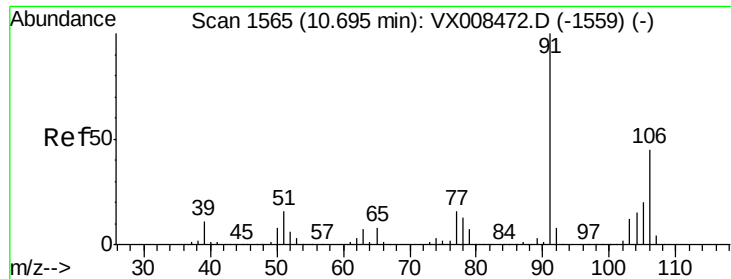
Tot Ion: 91 Resp: 229146
Ion Ratio Lower Upper
91 100
106 30.4 26.0 39.0



#67
m/p-Xylenes
Concen: 38.448 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Tgt Ion: 106 Resp: 169380
Ion Ratio Lower Upper
106 100
91 210.2 157.0 235.4

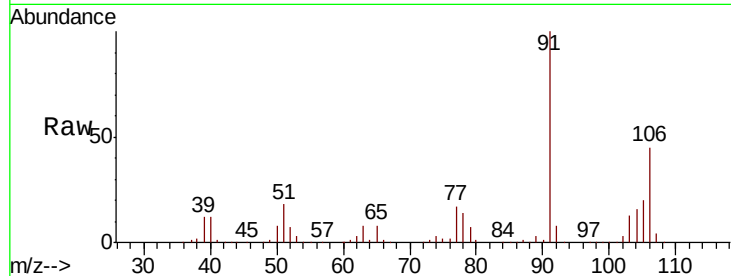




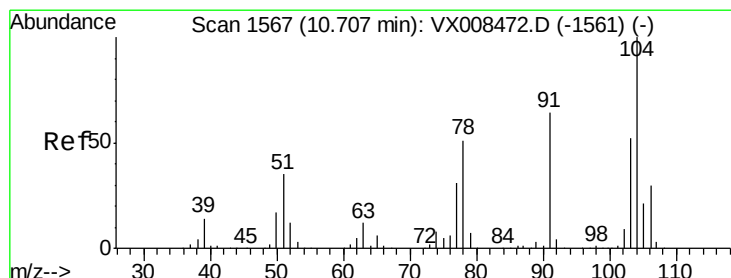
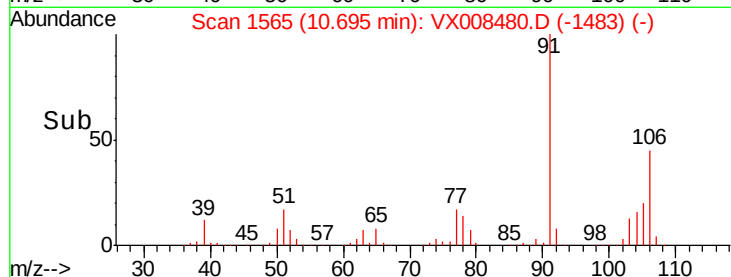
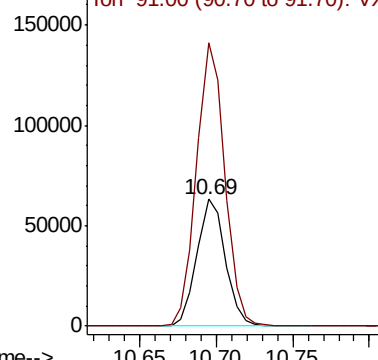
#68
o-Xylene
Concen: 19.018 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion:106 Resp: 81986
Ion Ratio Lower Upper
106 100
91 221.2 104.4 313.2

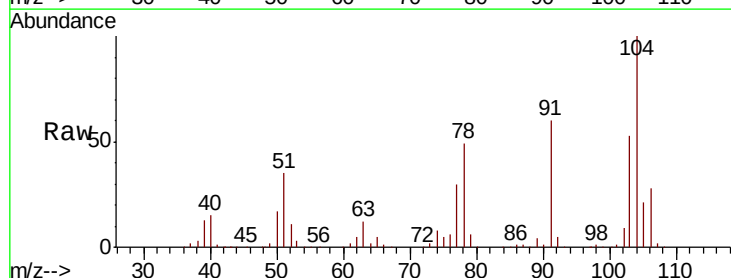


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

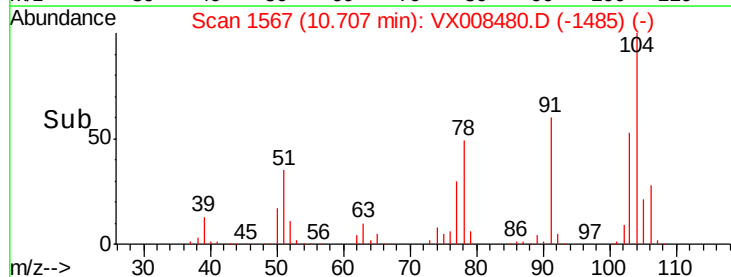
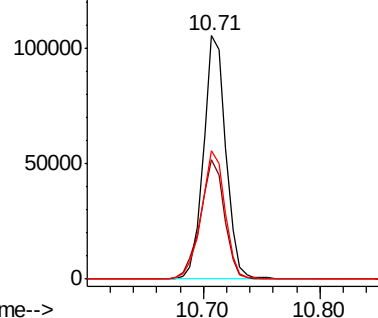


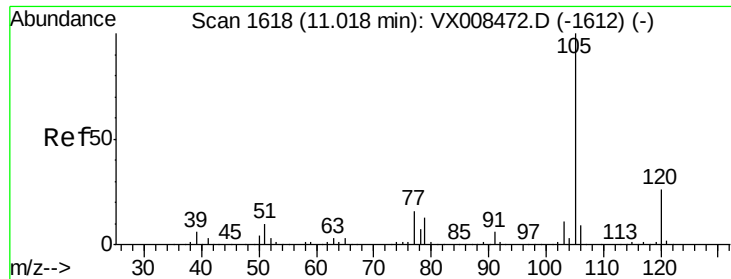
#69
Styrene
Concen: 18.757 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX008480.D
Acq: 27 Mar 2019 14:20

Tgt Ion:104 Resp: 140704
Ion Ratio Lower Upper
104 100
78 52.9 38.2 57.2
103 56.1 45.0 67.4



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





#70

Isopropylbenzene

Concen: 19.412 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

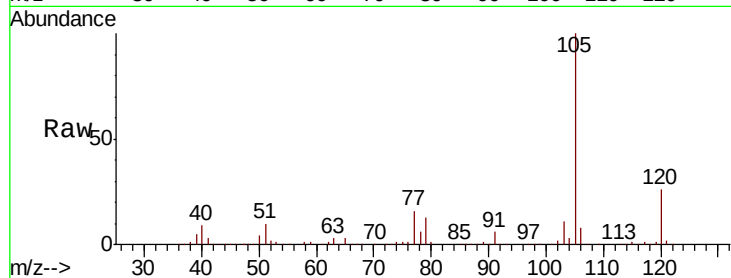
VX0327WBS01

Tot Ion:105 Resp: 220747

Ion Ratio Lower Upper

105 100

120 25.6 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

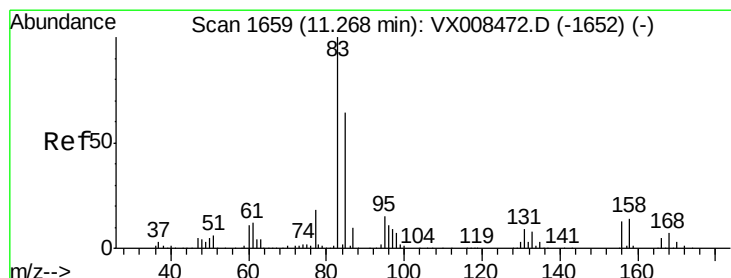
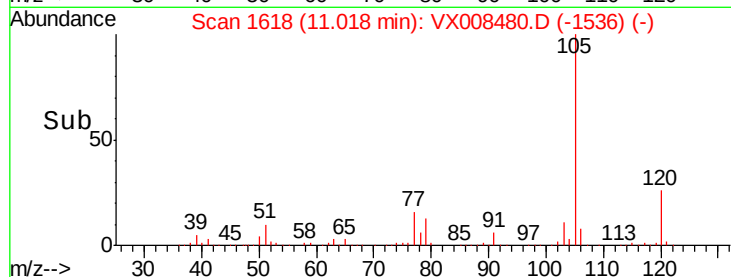
150000

100000

50000

0

Time--> 10.95 11.00 11.05 11.10



#71

1,1,2,2-Tetrachloroethane

Concen: 19.031 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

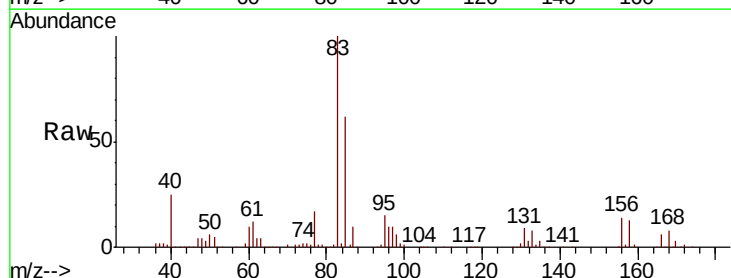
Tgt Ion: 83 Resp: 80847

Ion Ratio Lower Upper

83 100

131 9.0 5.4 16.2

85 63.4 32.8 98.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0

11.27

80000

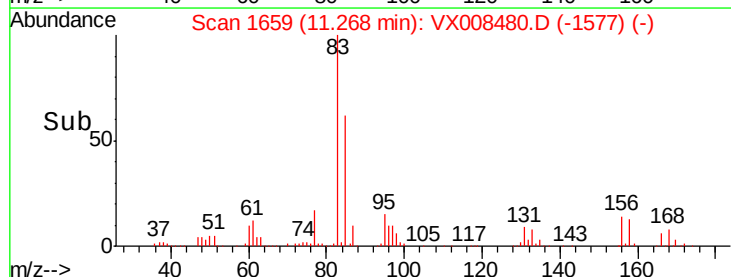
60000

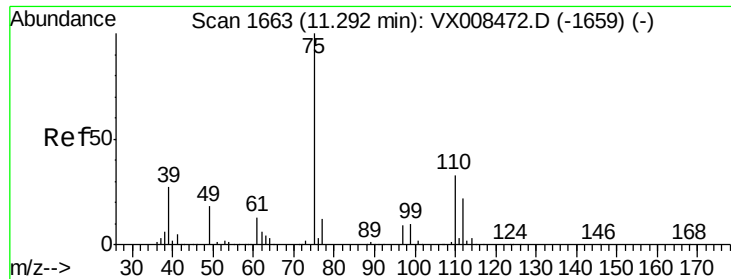
40000

20000

0

Time--> 11.20 11.30

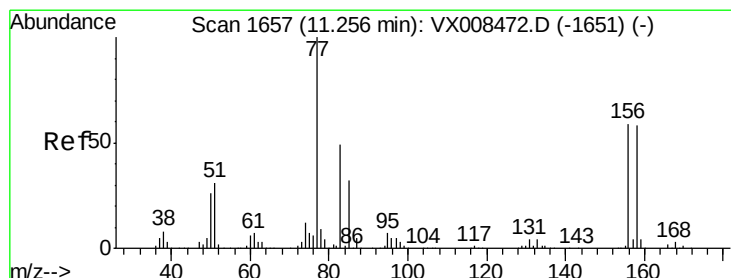
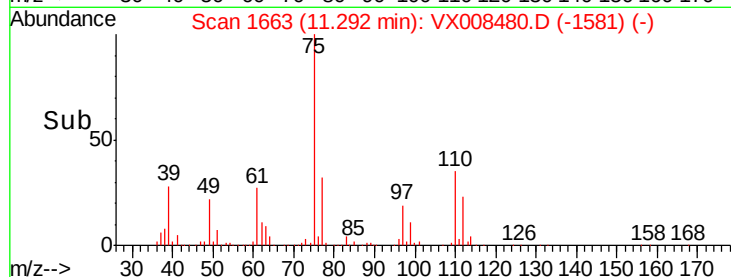
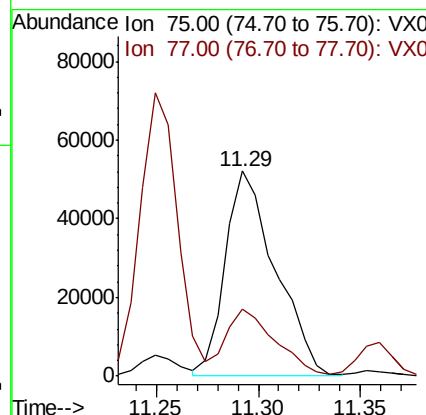
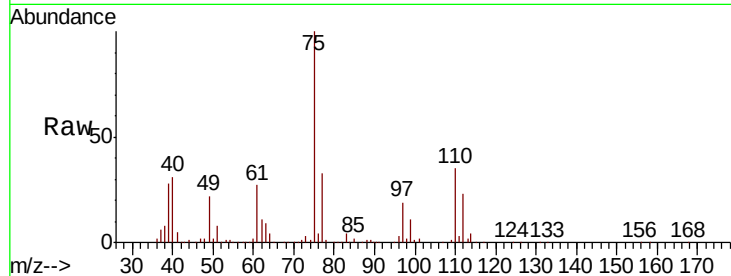




#72
 1,2,3-Trichloropropane
 Concen: 24.826 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008480.D
 Acq: 27 Mar 2019 14:20

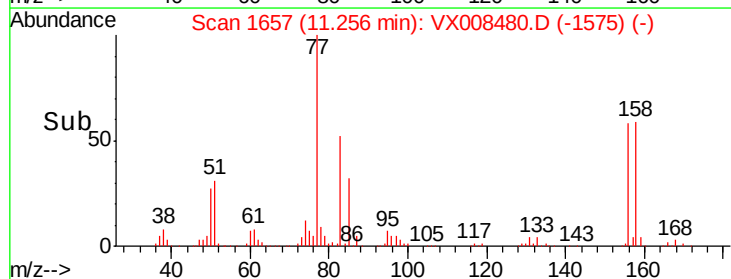
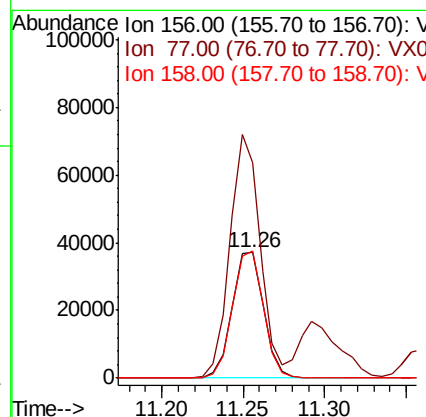
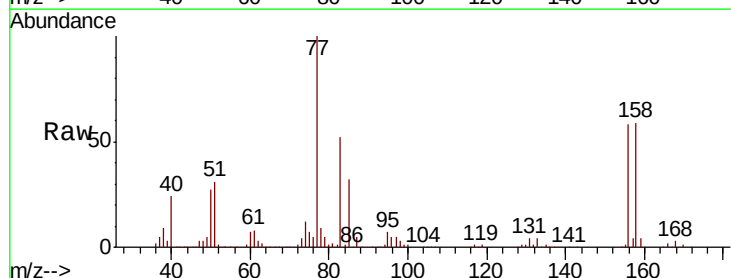
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

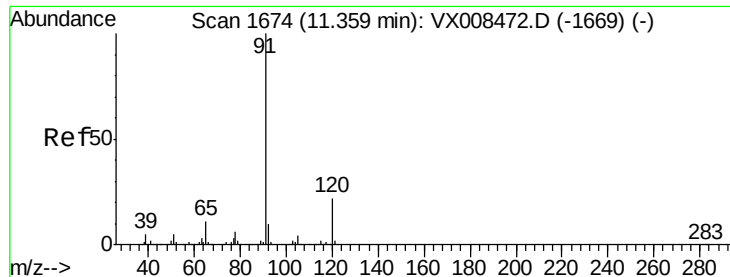
Tot Ion: 75 Resp: 89147
 Ion Ratio Lower Upper
 75 100
 77 31.9 0.0 76.4



#73
 Bromobenzene
 Concen: 18.611 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX008480.D
 Acq: 27 Mar 2019 14:20

Tgt Ion: 156 Resp: 50353
 Ion Ratio Lower Upper
 156 100
 77 182.7 0.0 271.4
 158 98.2 0.0 194.0





#74

n-propylbenzene

Concen: 19.334 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

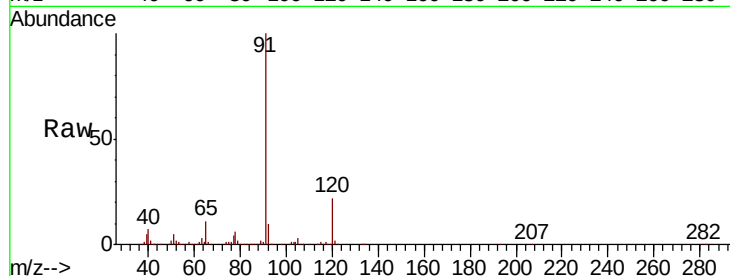
VX0327WBS01

Tot Ion: 91 Resp: 261922

Ion Ratio Lower Upper

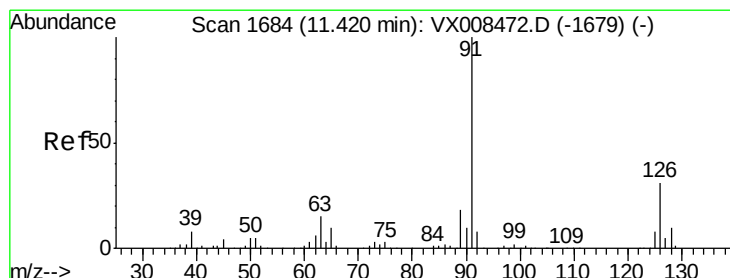
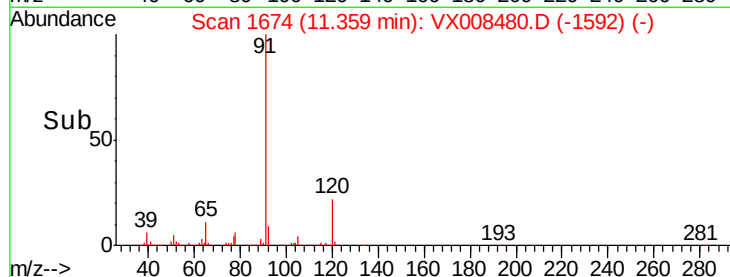
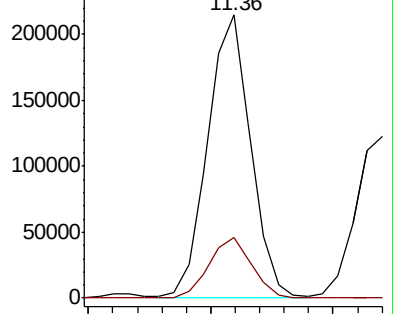
91 100

120 21.4 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#75

2-Chlorotoluene

Concen: 19.322 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008480.D

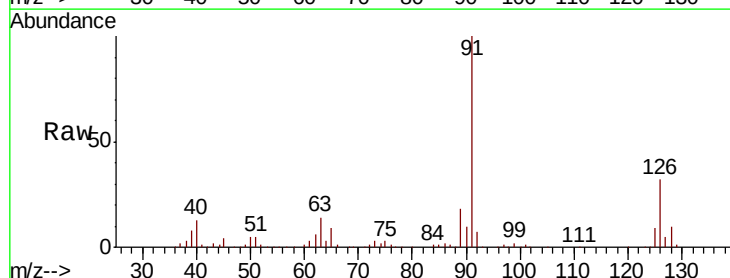
Acq: 27 Mar 2019 14:20

Tgt Ion: 91 Resp: 155732

Ion Ratio Lower Upper

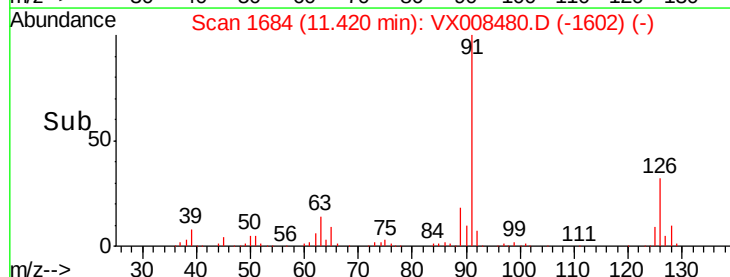
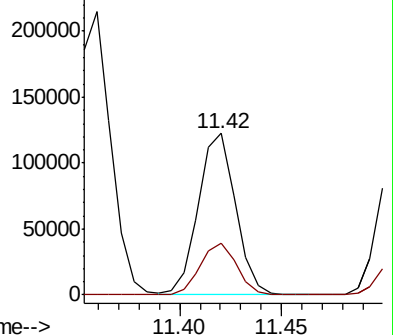
91 100

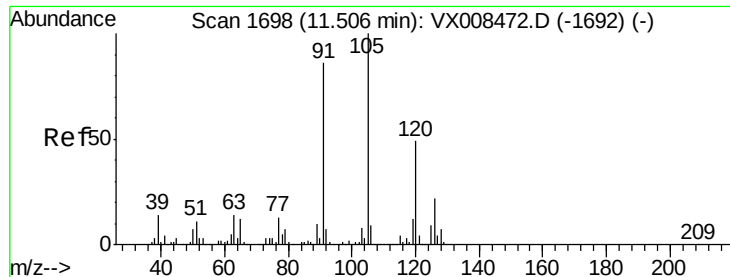
126 31.2 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#76

1,3,5-Trimethylbenzene

Concen: 19.036 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

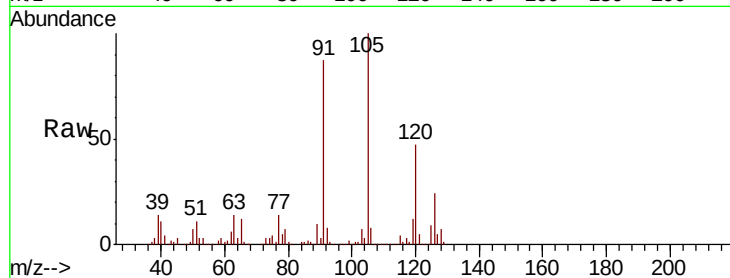
VX0327WBS01

Tot Ion:105 Resp: 185073

Ion Ratio Lower Upper

105 100

120 47.6 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

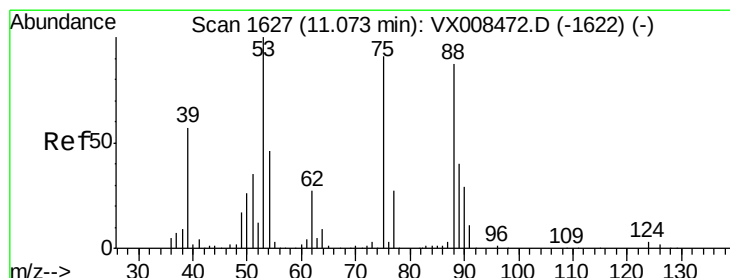
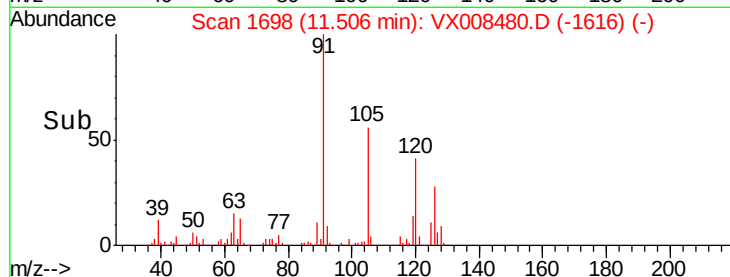
0

11.45

11.50

11.55

Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 16.456 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

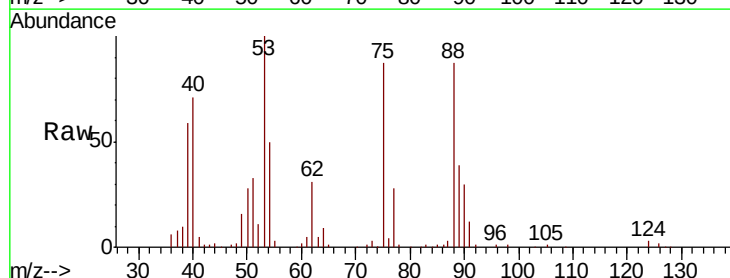
Tgt Ion: 75 Resp: 22667

Ion Ratio Lower Upper

75 100

53 115.3 55.5 166.7

89 44.7 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

50000

40000

30000

20000

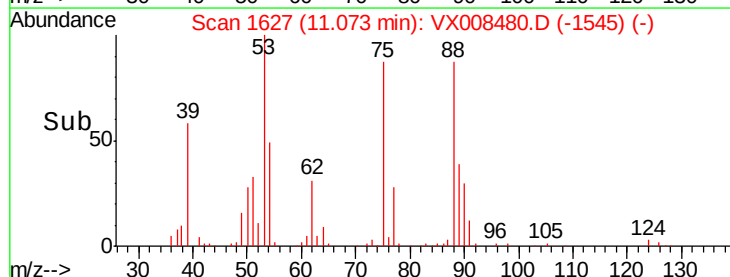
10000

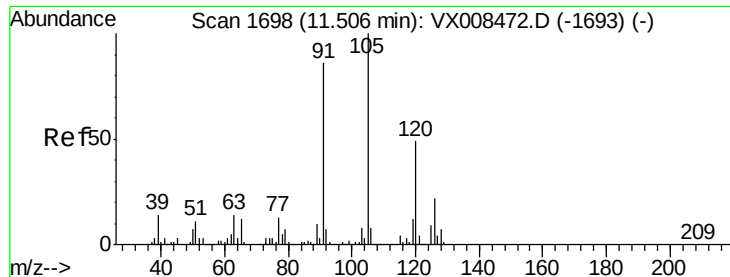
0

11.05

11.10

Time-->





#78

4-Chlorotoluene

Concen: 19.097 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampled :

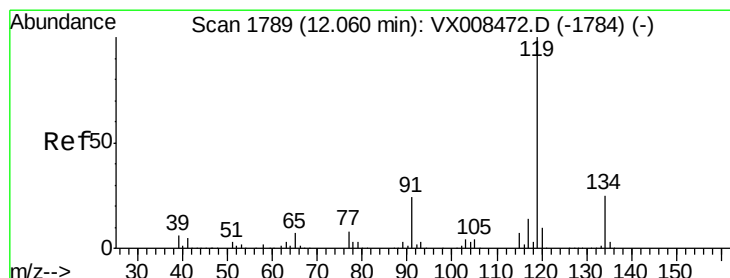
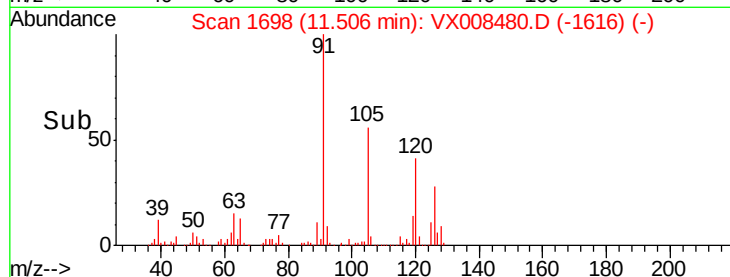
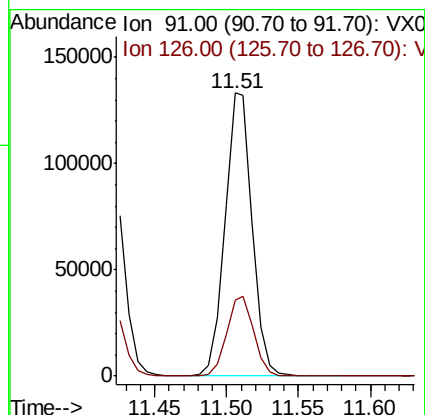
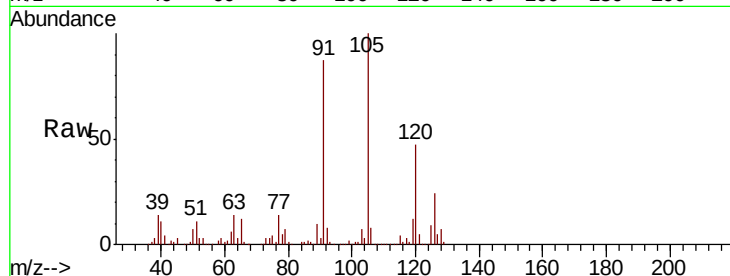
VX0327WBS01

Tot Ion: 91 Resp: 177149

Ion Ratio Lower Upper

91 100

126 27.9 0.0 66.2



#79

tert-butylbenzene

Concen: 19.306 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

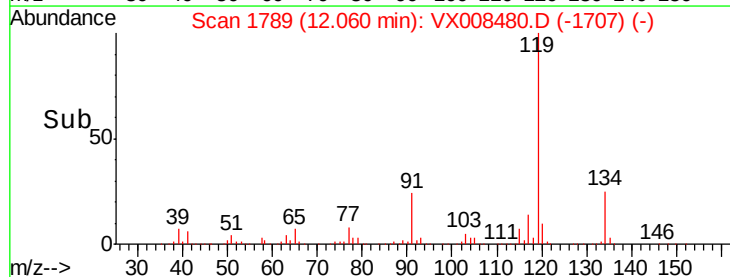
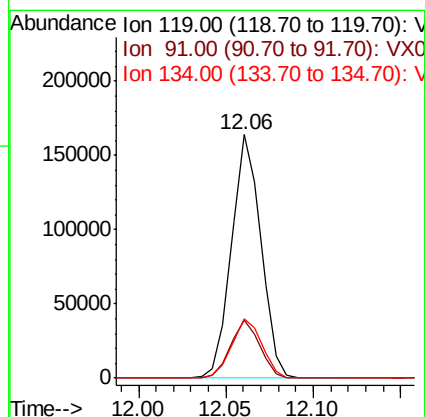
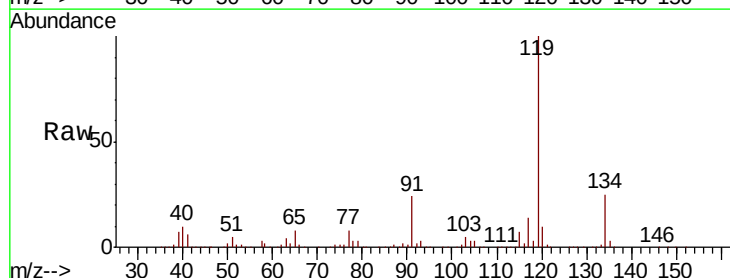
Tgt Ion: 119 Resp: 191813

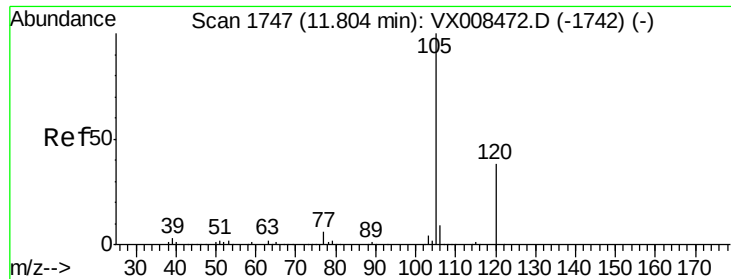
Ion Ratio Lower Upper

119 100

91 23.9 0.0 45.0

134 25.3 0.0 55.4

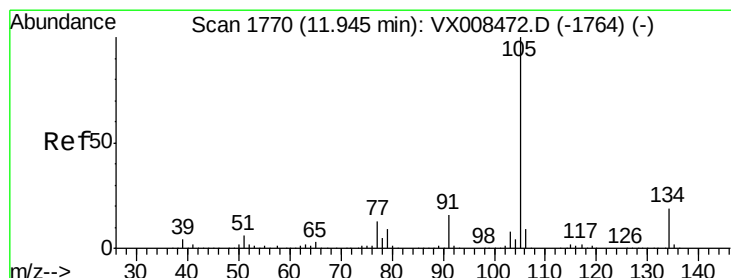
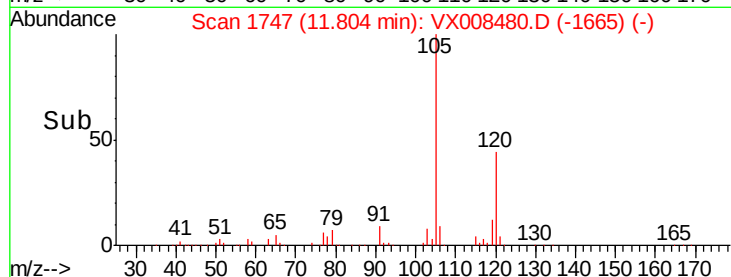
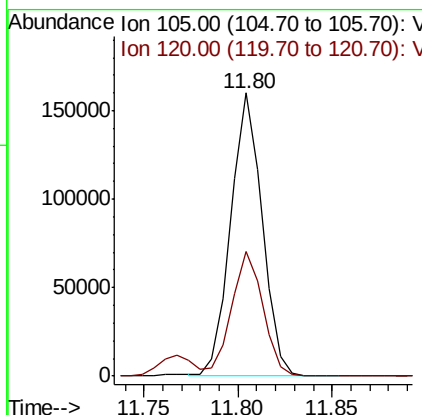
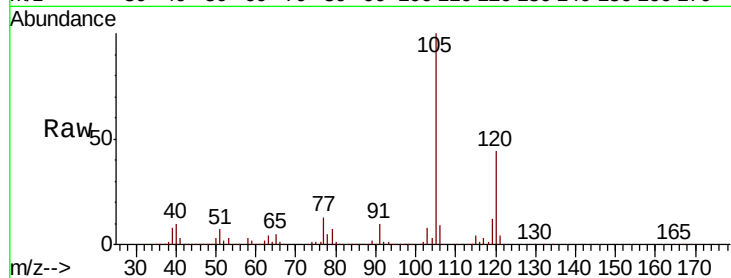




#80
 1,2,4-Trimethylbenzene
 Concen: 19.077 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008480.D
 Acq: 27 Mar 2019 14:20

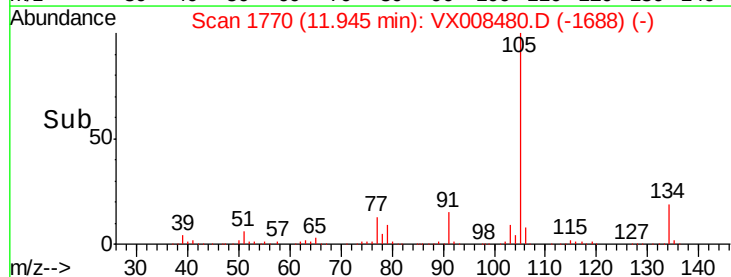
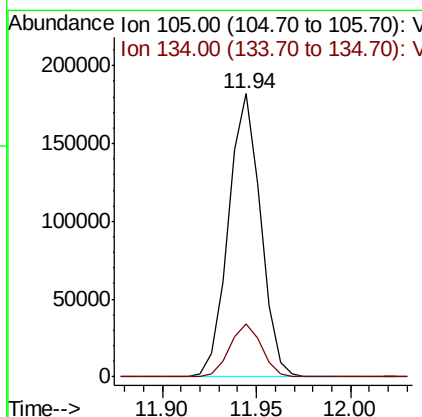
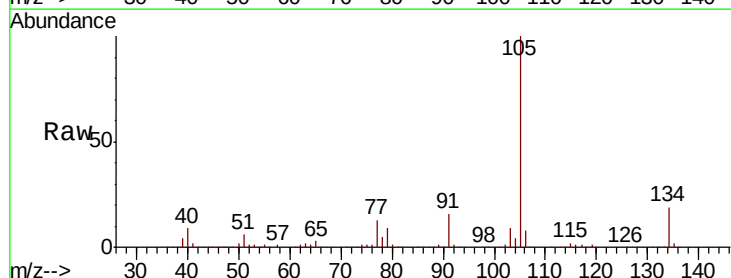
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

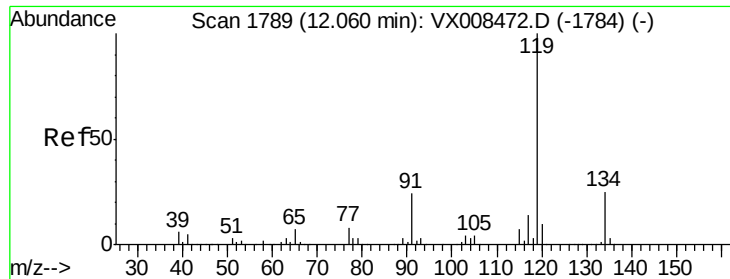
Tot Ion:105 Resp: 184929
 Ion Ratio Lower Upper
 105 100
 120 44.2 0.0 94.0



#81
 sec-Butylbenzene
 Concen: 19.325 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008480.D
 Acq: 27 Mar 2019 14:20

Tgt Ion:105 Resp: 214662
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 41.8

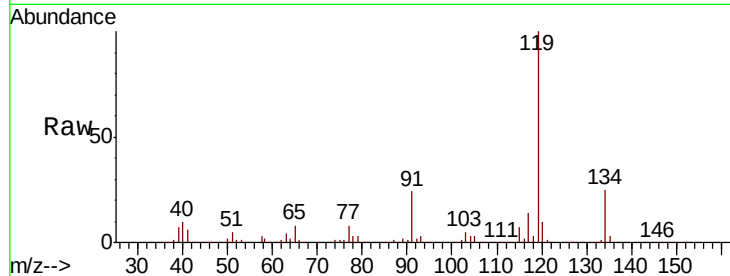




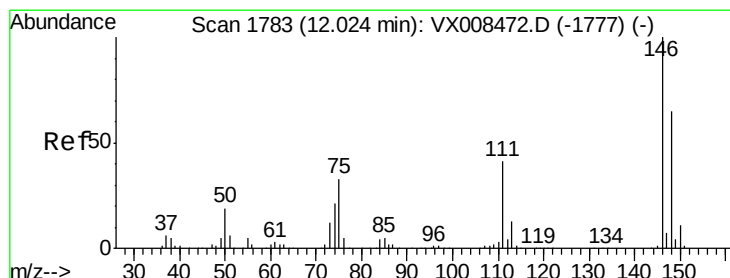
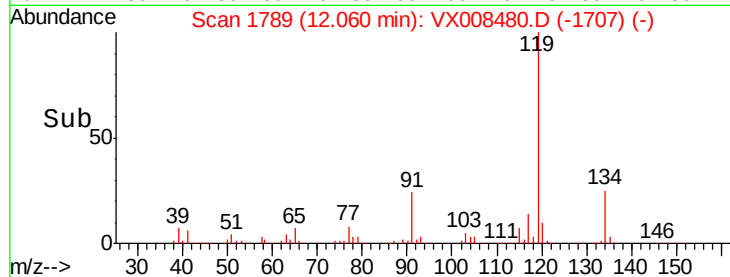
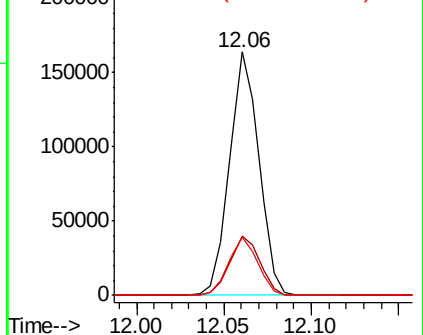
#82
 p-Isopropyltoluene
 Concen: 19.306 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008480.D
 Acq: 27 Mar 2019 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tot Ion:119 Resp: 191813
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 55.4
 91 23.9 0.0 45.0

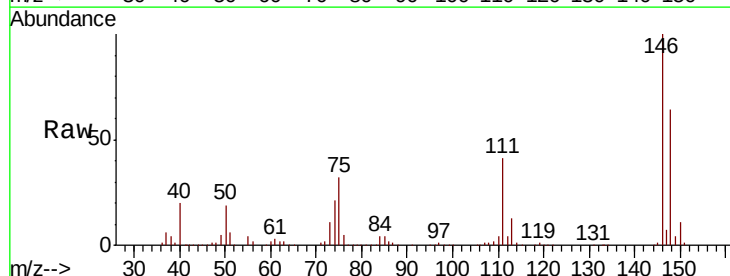


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

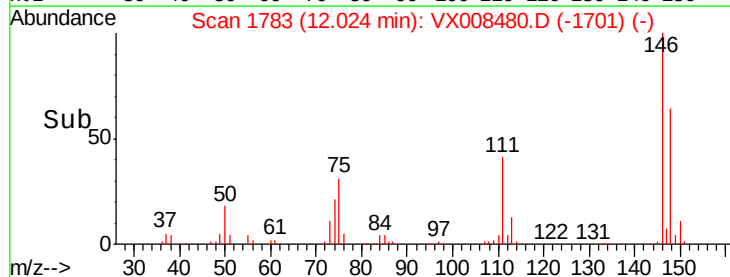
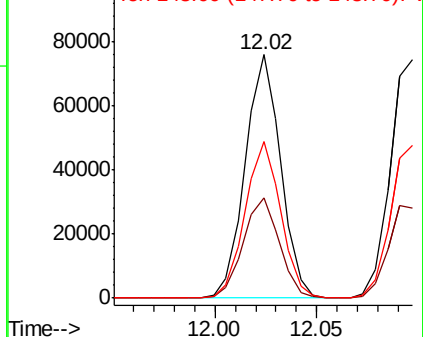


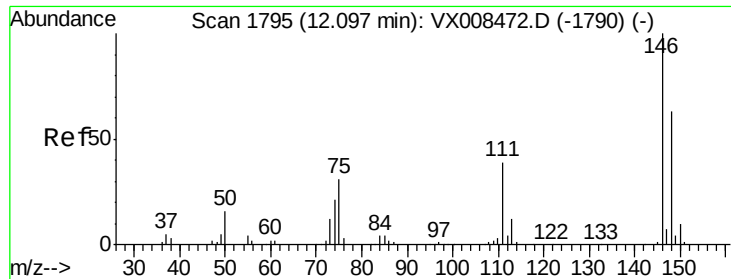
#83
 1,3-Dichlorobenzene
 Concen: 19.127 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008480.D
 Acq: 27 Mar 2019 14:20

Tgt Ion:146 Resp: 91871
 Ion Ratio Lower Upper
 146 100
 111 42.1 18.8 56.3
 148 64.5 30.6 91.8



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

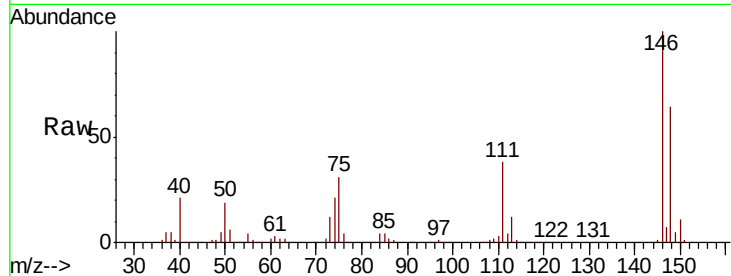




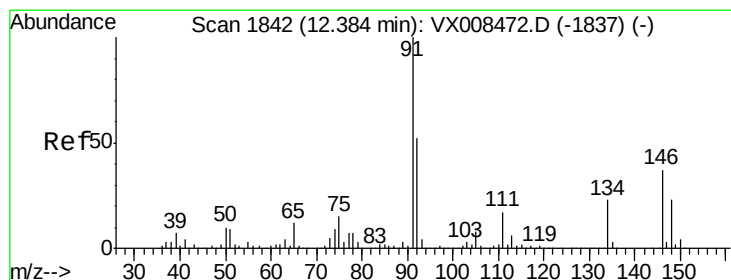
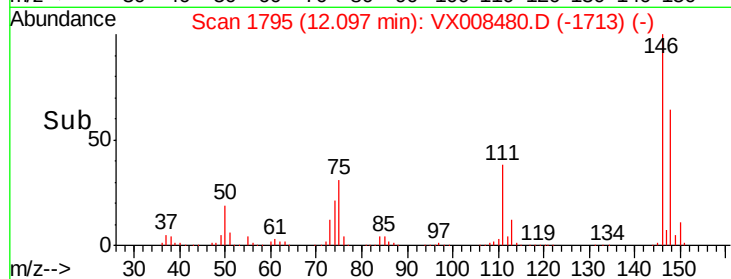
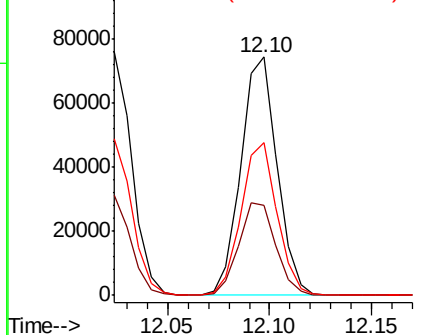
#84
 1,4-Dichlorobenzene
 Concen: 19.147 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008480.D
 Acq: 27 Mar 2019 14:20

Instrument :
 MSVOA_X
 ClientSampled :
 VX0327WBS01

Tot Ion:146 Resp: 91905
 Ion Ratio Lower Upper
 146 100
 111 40.1 17.6 52.8
 148 63.3 31.4 94.2

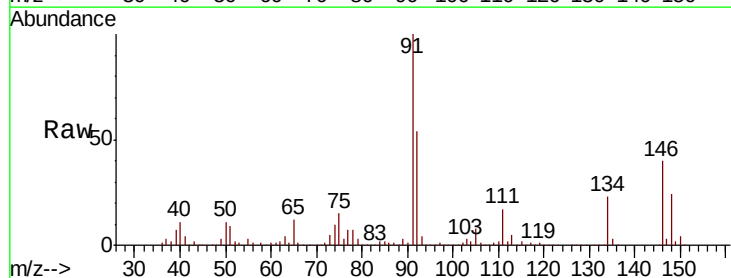


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

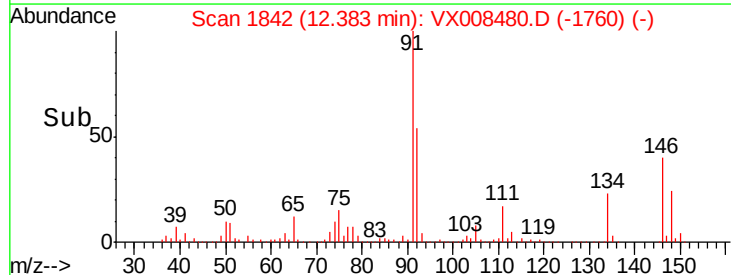
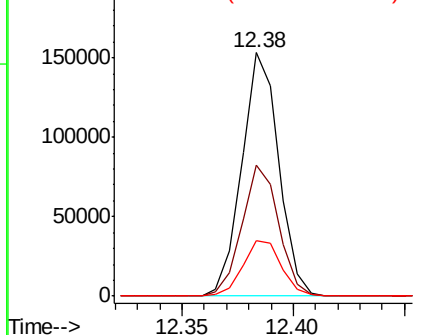


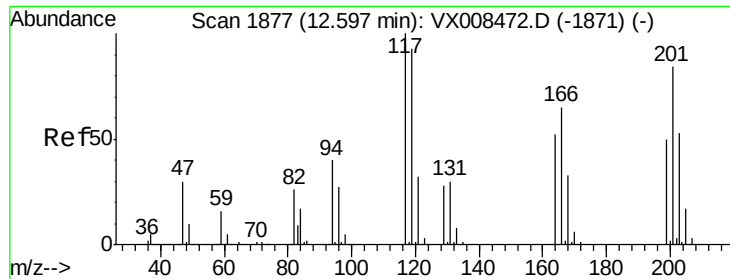
#85
 n-Butylbenzene
 Concen: 18.828 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX008480.D
 Acq: 27 Mar 2019 14:20

Tgt Ion: 91 Resp: 177740
 Ion Ratio Lower Upper
 91 100
 92 53.7 0.0 105.2
 134 23.7 0.0 56.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#86

Hexachloroethane

Concen: 17.992 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

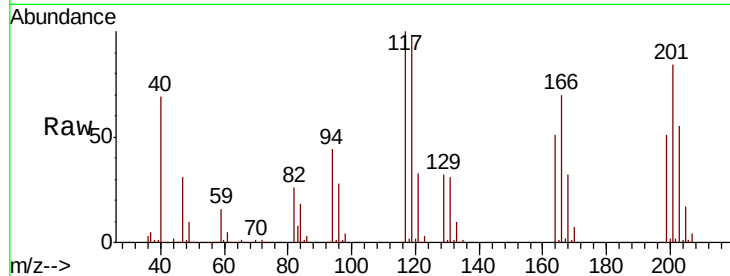
VX0327WBS01

Tot Ion:117 Resp: 29867

Ion Ratio Lower Upper

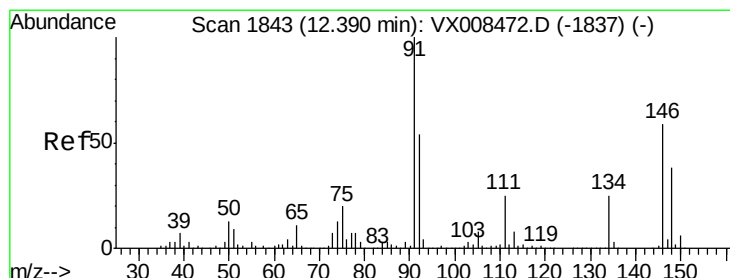
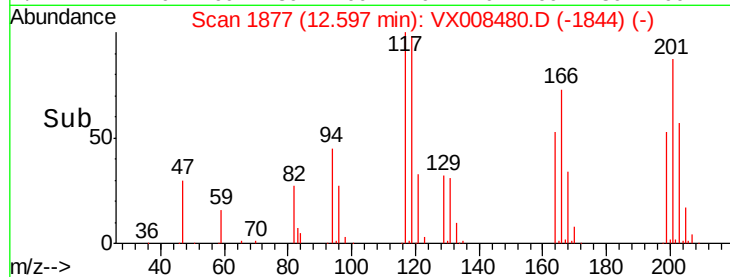
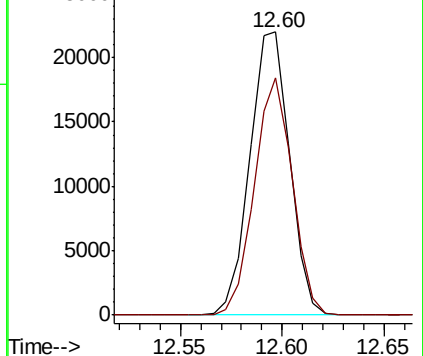
117 100

201 79.7 41.1 123.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#87

1,2-Dichlorobenzene

Concen: 19.365 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

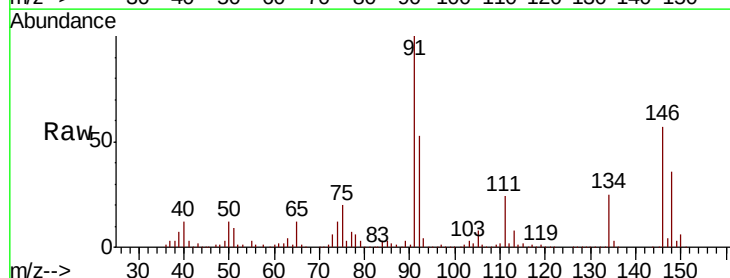
Tgt Ion:146 Resp: 93722

Ion Ratio Lower Upper

146 100

111 42.4 19.3 57.8

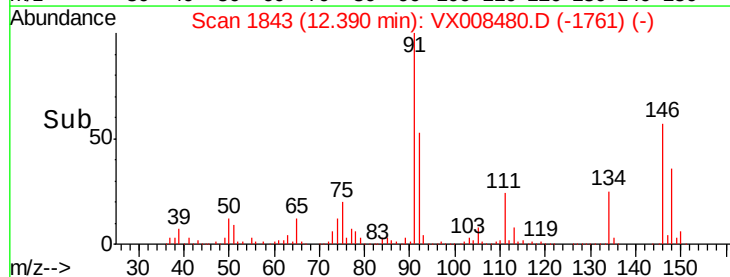
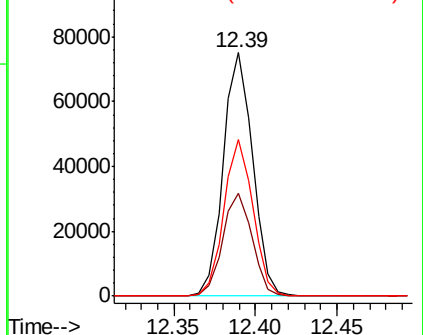
148 63.7 32.1 96.3

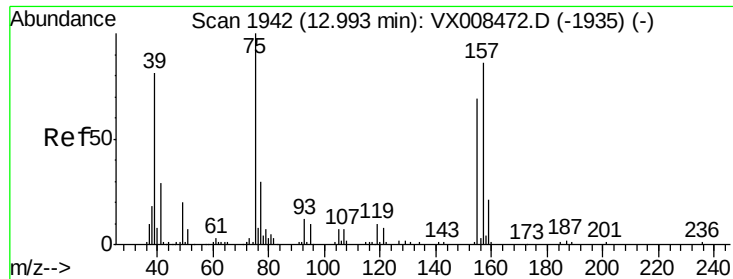


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#88

1,2-Dibromo-3-Chloropropane

Concen: 19.084 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.01 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

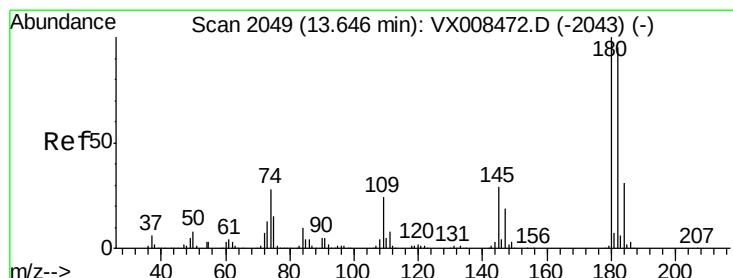
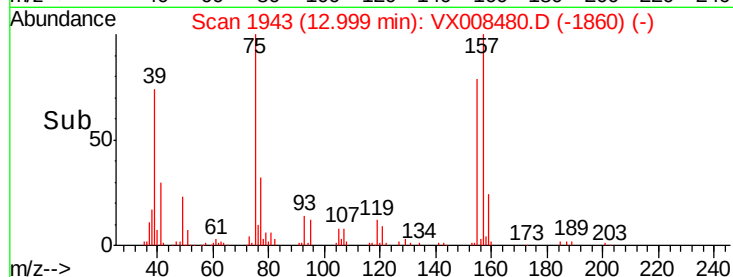
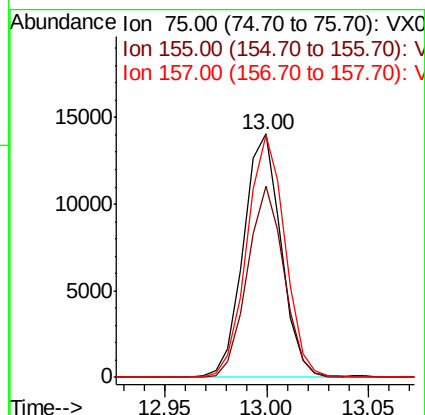
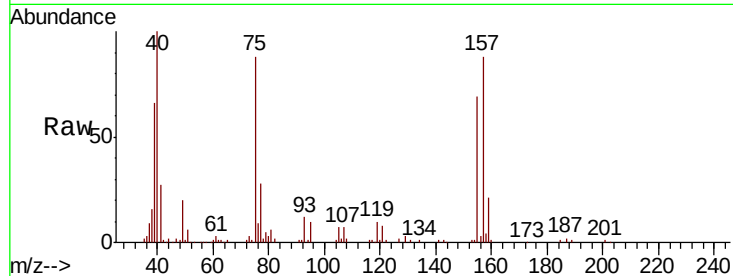
Tot Ion: 75 Resp: 17969

Ion Ratio Lower Upper

75 100

155 76.4 81.0 121.6#

157 100.9 103.2 154.8#



#89

1,2,4-Trichlorobenzene

Concen: 19.422 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

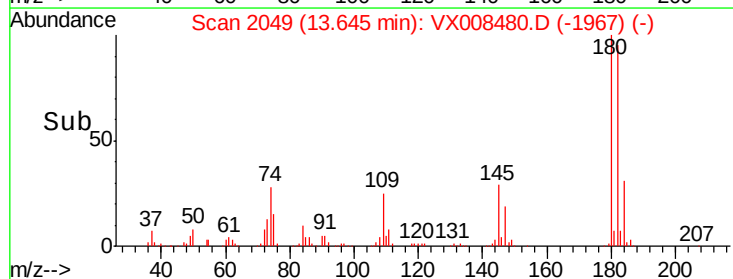
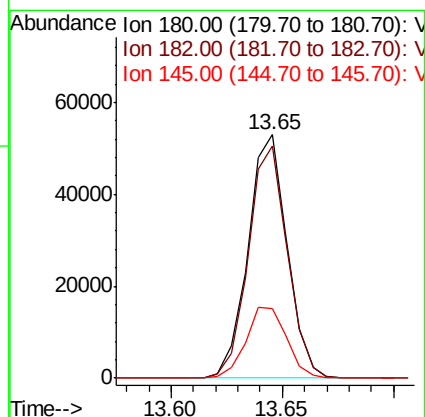
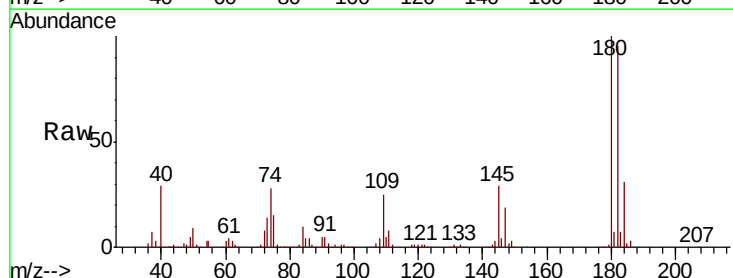
Tgt Ion: 180 Resp: 64837

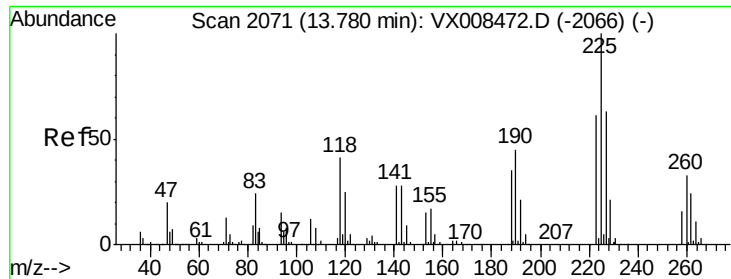
Ion Ratio Lower Upper

180 100

182 95.2 75.6 113.4

145 30.4 23.0 34.6





#90

Hexachlorobutadiene

Concen: 19.680 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

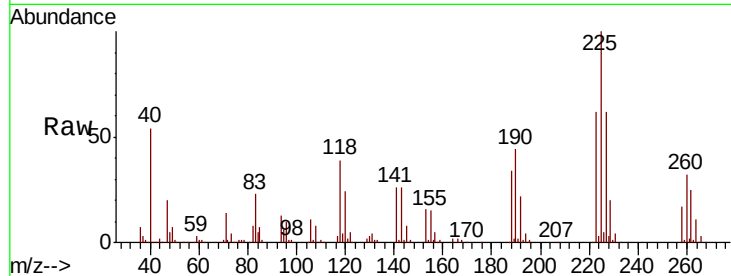
Tot Ion:225 Resp: 31651

Ion Ratio Lower Upper

225 100

223 62.6 0.0 123.8

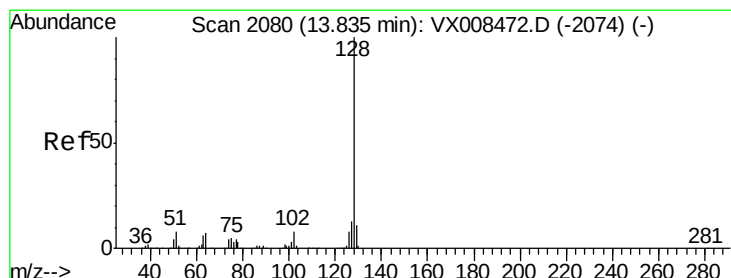
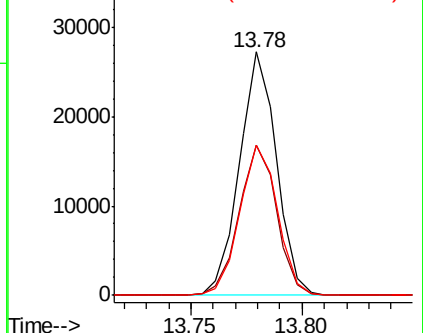
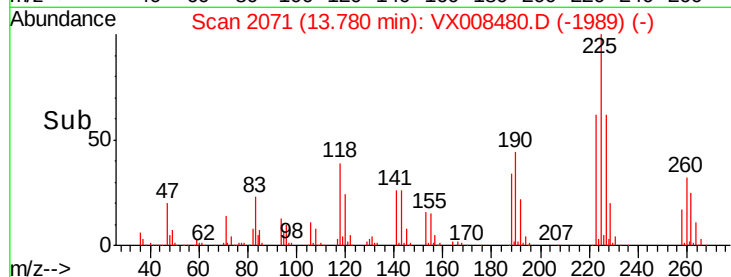
227 62.9 0.0 124.4



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 19.881 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008480.D

Acq: 27 Mar 2019 14:20

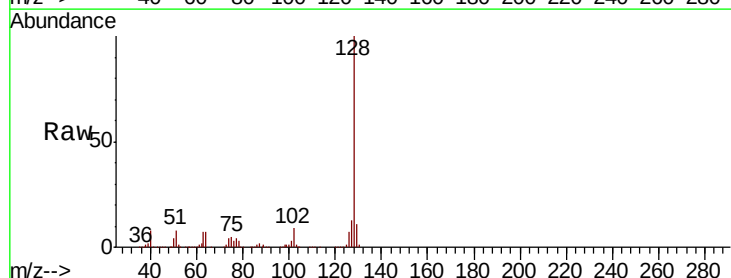
Tgt Ion:128 Resp: 227389

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

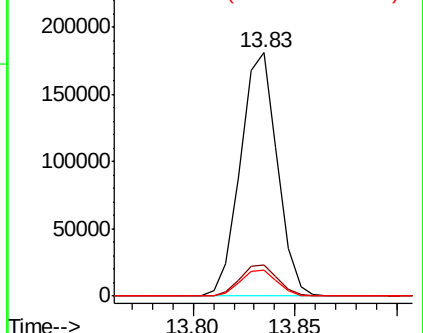
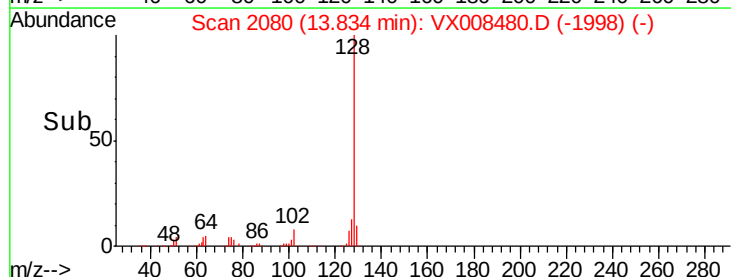
129 10.9 8.9 13.3

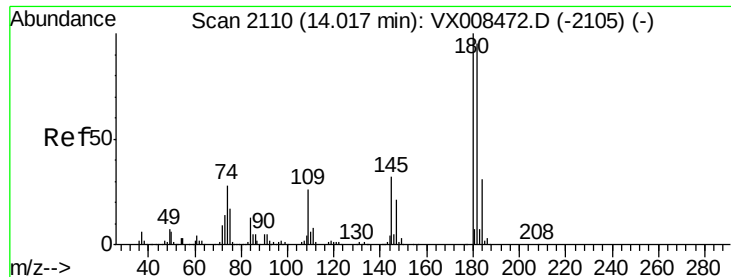


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

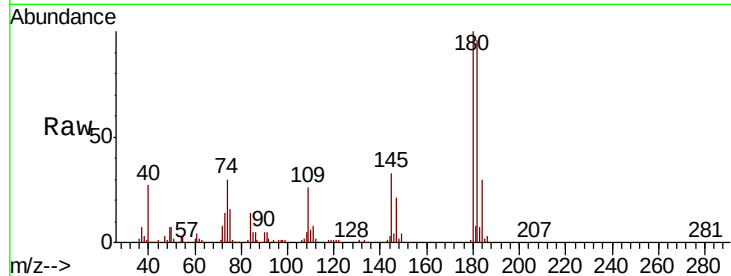




#92
 1,2,3-Trichlorobenzene
 Concen: 19.863 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008480.D
 Acq: 27 Mar 2019 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	0.0	193.0
145	33.0	0.0	63.0



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

