

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008673.D
 Acq On : 05 Apr 2019 10:11
 Operator : JC/SP
 Sample : VSTDCCC20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Apr 05 10:31:28 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	34068	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	203460	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	177717	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	85449	29.98	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.93%
60) 4-Bromofluorobenzene	11.13	95	93038	30.05	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.17%
63) Toluene-d8	8.71	98	255656	30.31	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.03%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	40138	17.230 ug/l	99
3) Chloromethane	1.32	50	54103	17.726 ug/l	97
4) Vinyl Chloride	1.41	62	52409	17.035 ug/l	97
5) Bromomethane	1.64	94	24234	15.202 ug/l	99
6) Chloroethane	1.72	64	32541	16.161 ug/l	98
7) Trichlorofluoromethane	1.93	101	59627	17.462 ug/l	95
8) Diethyl Ether	2.18	74	27577	17.125 ug/l	80
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38159	17.944 ug/l	93
10) 1,1-Dichloroethene	2.37	96	37521	17.392 ug/l	88
11) Methyl Iodide	2.51	142	25925	11.605 ug/l	97
12) Methyl Acetate	3.19	43	31188	17.837 ug/l	93
13) Acrolein	2.29	56	87034	173.504 ug/l	97
14) Acrylonitrile	3.14	53	148137	91.635 ug/l	99
15) Acetone	2.44	58	56154	112.642 ug/l	96
16) Carbon Disulfide	2.57	76	114198	17.016 ug/l	98
17) Allyl chloride	2.73	41	88727	18.299 ug/l	91
18) Methylene Chloride	2.85	84	47072	18.253 ug/l	88
19) trans-1,2-Dichloroethene	3.17	96	41744	18.111 ug/l	90
20) Diisopropyl ether	3.85	45	172125	18.239 ug/l #	93
21) 1,1-Dichloroethane	3.70	63	85140	17.973 ug/l	97
22) cis-1,2-Dichloroethene	4.59	96	48642	18.262 ug/l #	81
23) tert-Butyl Alcohol	3.04	59	59006	90.390 ug/l #	100
24) Methyl tert-Butyl Ether	3.19	73	142347	17.953 ug/l	99
25) Chloroform	5.21	83	77392	18.037 ug/l	98
26) Cyclohexane	5.57	56	84179	18.292 ug/l #	82
29) 1,1-Dichloropropene	5.80	75	61076	17.843 ug/l	93
30) 2-Butanone	4.67	43	240446	95.527 ug/l	93
31) 2,2-Dichloropropane	4.58	77	61731	18.057 ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	61408	17.276 ug/l	95
33) Carbon Tetrachloride	5.78	117	51541	17.331 ug/l	95
34) Benzene	6.13	78	184403	17.624 ug/l #	96
35) Methacrylonitrile	5.04	41	46264	18.074 ug/l	93
36) 1,2-Dichloroethane	6.19	62	66576	17.847 ug/l	97
38) Methylcyclohexane	7.46	83	76626	17.766 ug/l	88
39) 1,2-Dichloropropane	7.51	63	52039	17.535 ug/l	98
40) Dibromomethane	7.66	93	29676	17.262 ug/l	90
41) Bromodichloromethane	7.89	83	57870	17.120 ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008673.D
 Acq On : 05 Apr 2019 10:11
 Operator : JC/SP
 Sample : VSTDCCC20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Apr 05 10:31:28 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	769697	90.207	ug/l #	93
43) Ethyl Acetate	4.82	43	80415	17.751	ug/l #	82
44) Isopropyl Acetate	6.44	43	127564	17.414	ug/l	98
45) 1,4-Dioxane	7.74	88	25352	347.653	ug/l #	82
46) Methyl methacrylate	7.77	41	64845	17.429	ug/l	84
47) n-amyl Acetate	10.90	43	114093	17.146	ug/l	93
48) t-1,3-Dichloropropene	9.04	75	65374	17.122	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	75415	17.659	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	44906	17.592	ug/l	96
51) Ethyl methacrylate	9.18	69	80559	16.959	ug/l	90
52) 1,3-Dichloropropane	9.37	76	79168	17.433	ug/l	100
53) Dibromochloromethane	9.58	129	42738	17.014	ug/l	100
54) 1,2-Dibromoethane	9.67	107	45666	17.354	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	275477	114.951	ug/l	95
56) Bromoform	10.85	173	29985	16.379	ug/l	97
58) 4-Methyl-2-Pentanone	8.64	43	419859	89.551	ug/l #	95
59) 2-Hexanone	9.49	43	349806	94.437	ug/l	96
61) Tetrachloroethene	9.34	164	37924	19.509	ug/l	97
62) Toluene	8.78	91	193815	18.013	ug/l	99
64) Chlorobenzene	10.13	112	112388	17.826	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	39832	17.919	ug/l	98
66) Ethyl Benzene	10.25	91	213304	17.860	ug/l	95
67) m/p-Xylenes	10.36	106	155076	35.599	ug/l	91
68) o-Xylene	10.69	106	75269	17.657	ug/l	93
69) Styrene	10.71	104	131384	17.713	ug/l	96
70) Isopropylbenzene	11.02	105	202921	18.046	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.26	83	73284	17.446	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	83669	23.564	ug/l	90
73) Bromobenzene	11.26	156	47769	17.856	ug/l	78
74) n-propylbenzene	11.36	91	238015	17.768	ug/l	94
75) 2-Chlorotoluene	11.42	91	140975	17.689	ug/l	91
76) 1,3,5-Trimethylbenzene	11.51	105	169731	17.655	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	22657	16.635	ug/l	94
78) 4-Chlorotoluene	11.51	91	160905	17.542	ug/l	91
79) tert-butylbenzene	12.06	119	175184	17.831	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	168703	17.600	ug/l	95
81) sec-Butylbenzene	11.94	105	192654	17.539	ug/l	97
82) p-Isopropyltoluene	12.06	119	175184	17.831	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	84885	17.872	ug/l	95
84) 1,4-Dichlorobenzene	12.10	146	84982	17.905	ug/l	96
85) n-Butylbenzene	12.38	91	161611	17.313	ug/l	97
86) Hexachloroethane	12.60	117	27419	16.704	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	85951	17.960	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15936	17.116	ug/l #	78
89) 1,2,4-Trichlorobenzene	13.65	180	59883	18.140	ug/l	99
90) Hexachlorobutadiene	13.78	225	29625	18.628	ug/l	98
91) Naphthalene	13.83	128	202559	17.910	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	60947	18.329	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
Data File : VX008673.D
Acq On : 05 Apr 2019 10:11
Operator : JC/SP
Sample : VSTDCCC20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Quant Time: Apr 05 10:31:28 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

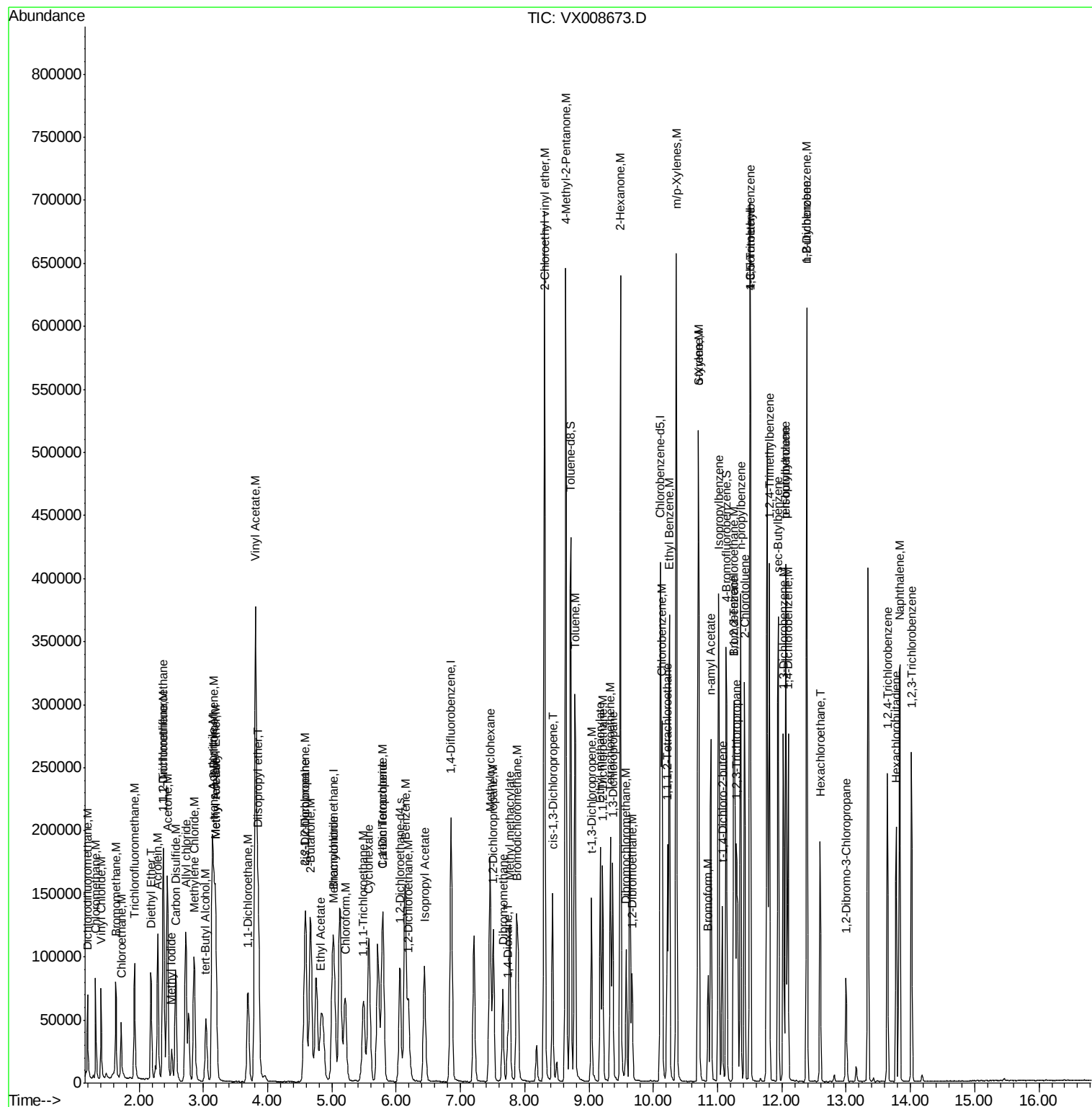
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

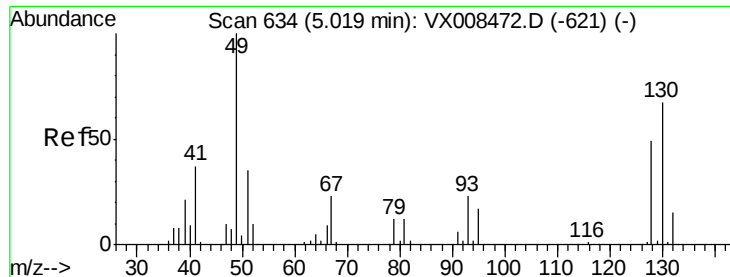
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008673.D
 Acq On : 05 Apr 2019 10:11
 Operator : JC/SP
 Sample : VSTDCCC20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VSTDCCC20

Quant Time: Apr 05 10:31:28 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: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

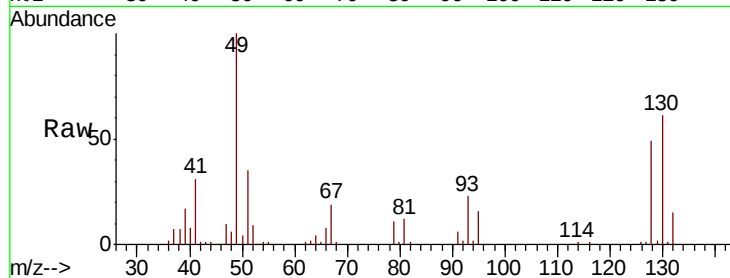
Tgt Ion:128 Resp: 34068

Ion Ratio Lower Upper

128 100

49 208.9 0.0 350.8

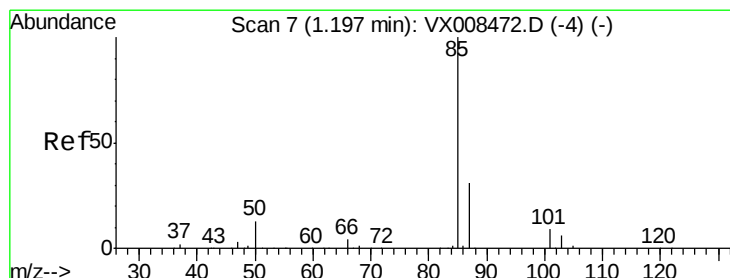
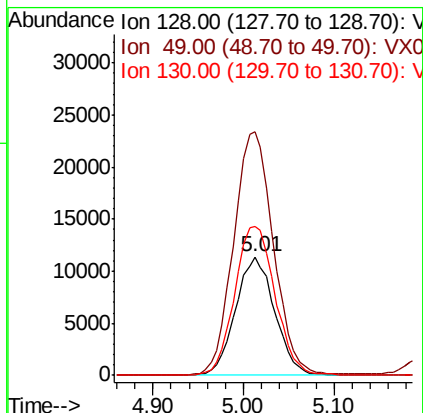
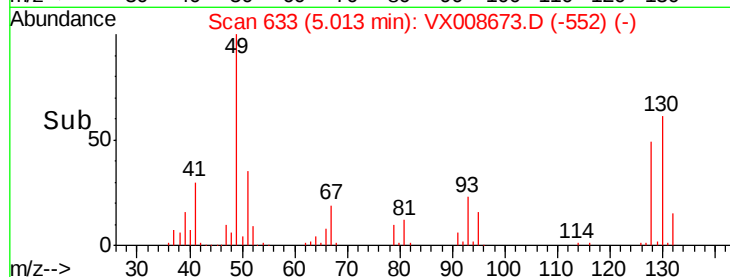
130 129.5 0.0 325.8



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: 17.230 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008673.D

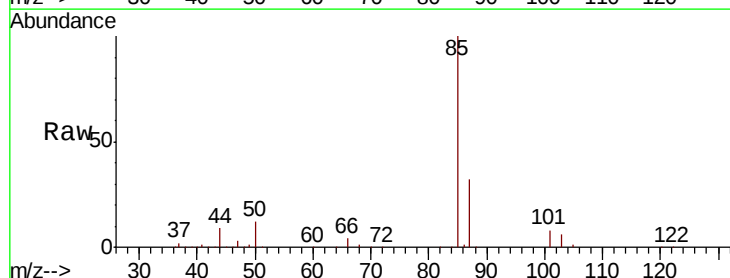
Acq: 05 Apr 2019 10:11

Tgt Ion: 85 Resp: 40138

Ion Ratio Lower Upper

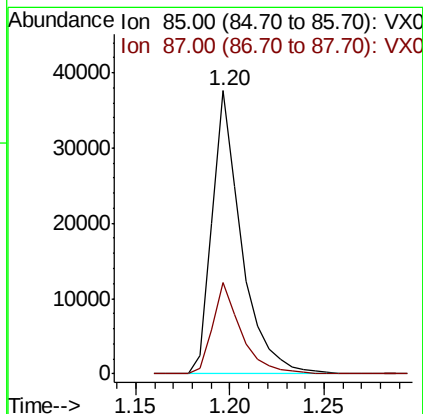
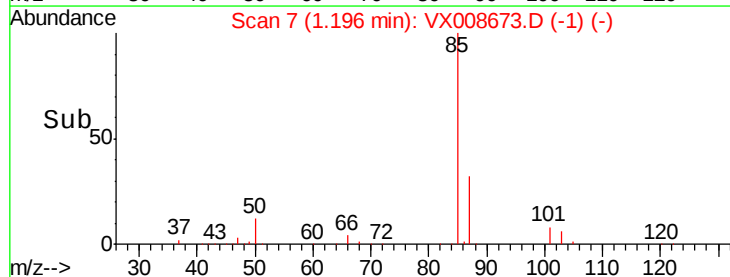
85 100

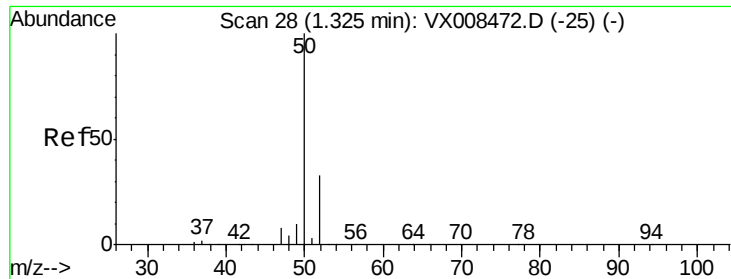
87 32.4 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.726 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampled :

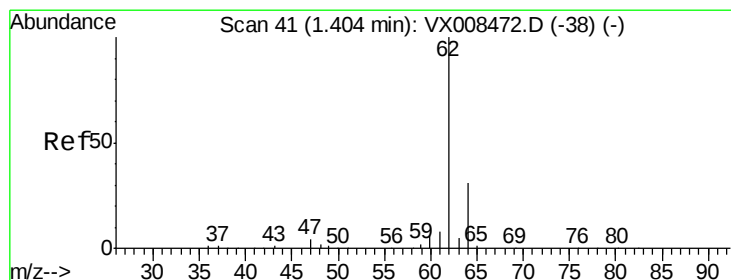
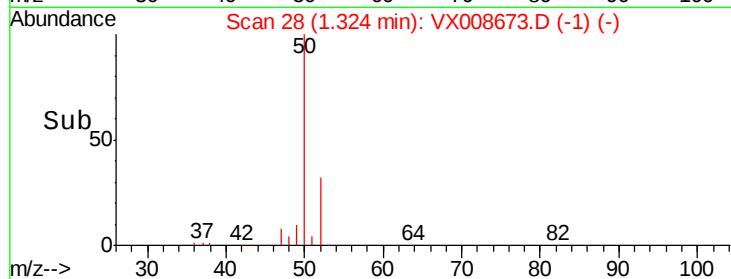
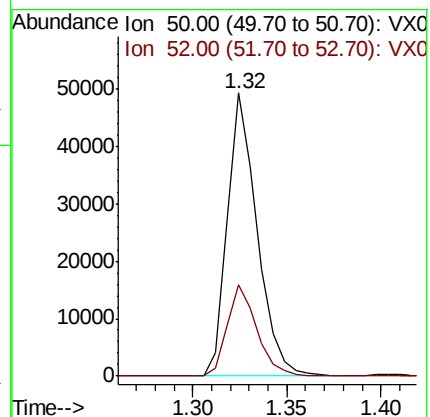
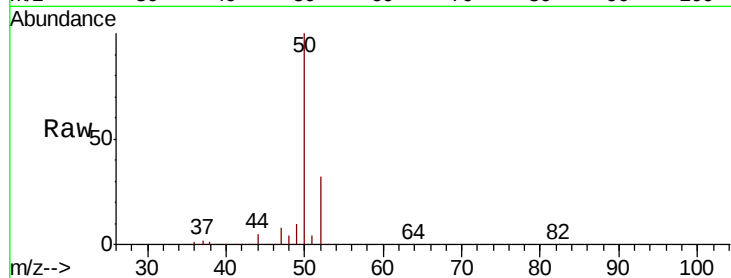
VSTDCCC020

Tgt Ion: 50 Resp: 54103

Ion Ratio Lower Upper

50 100

52 32.4 27.5 41.3



#4

Vinyl Chloride

Concen: 17.035 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX008673.D

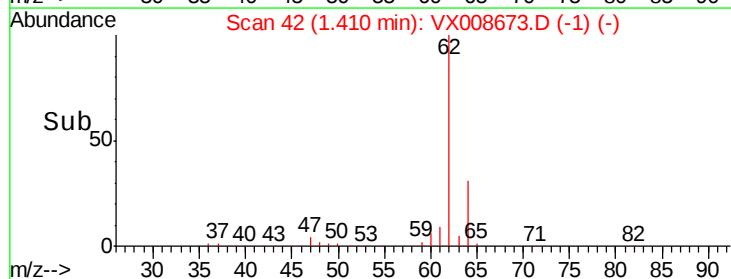
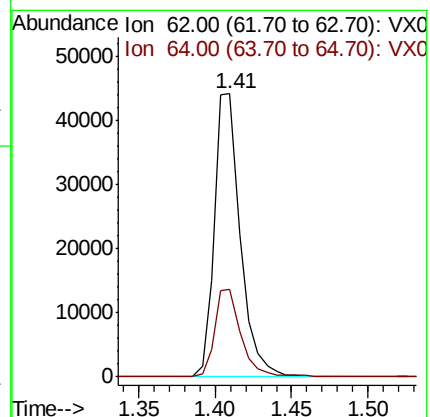
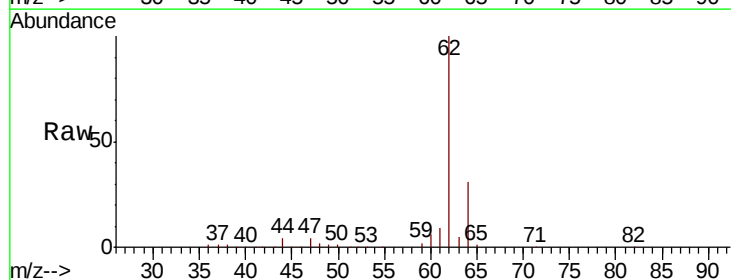
Acq: 05 Apr 2019 10:11

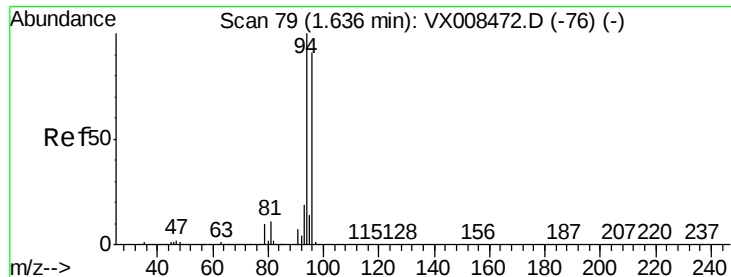
Tgt Ion: 62 Resp: 52409

Ion Ratio Lower Upper

62 100

64 30.9 25.9 38.9





#5

Bromomethane

Concen: 15.202 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

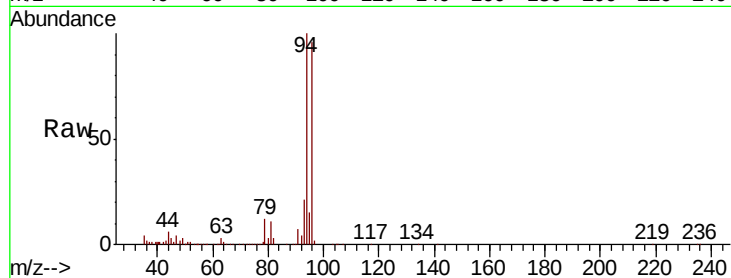
VSTDCCC020

Tgt Ion: 94 Resp: 24234

Ion Ratio Lower Upper

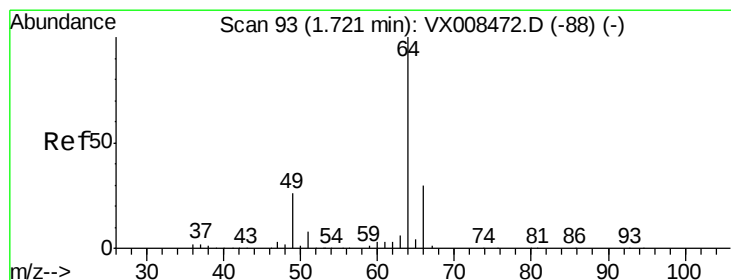
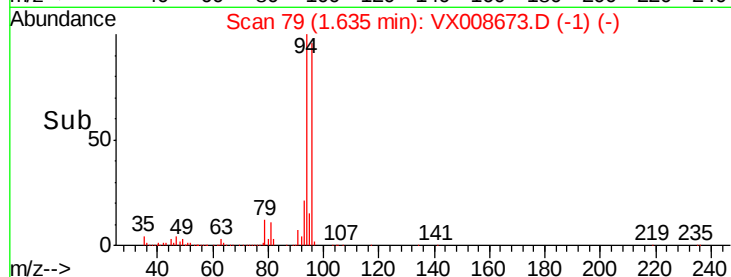
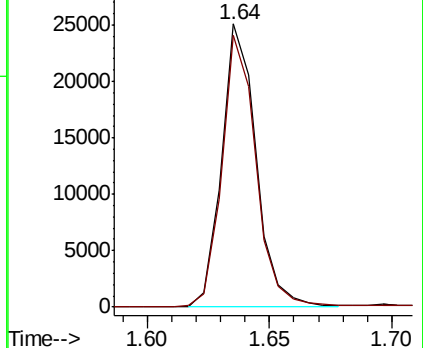
94 100

96 95.7 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: 16.161 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008673.D

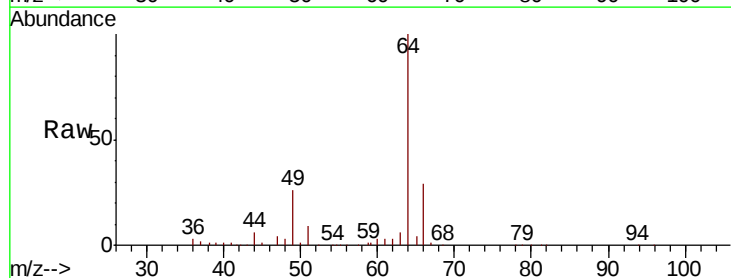
Acq: 05 Apr 2019 10:11

Tgt Ion: 64 Resp: 32541

Ion Ratio Lower Upper

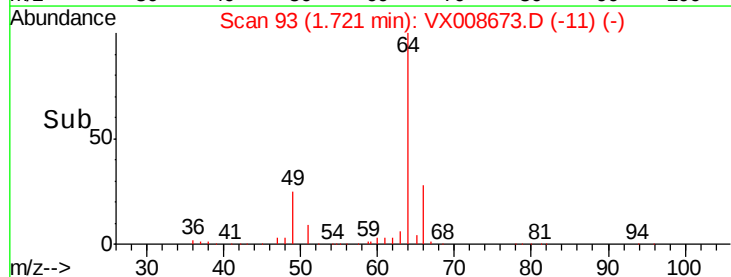
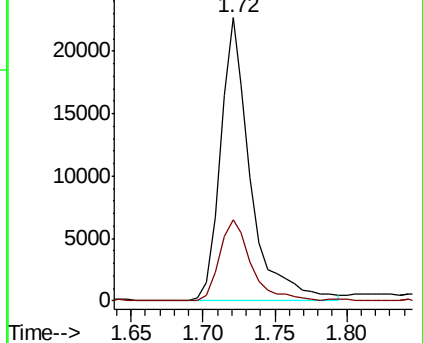
64 100

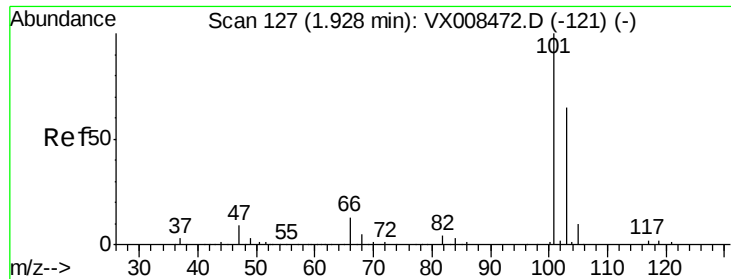
66 29.0 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



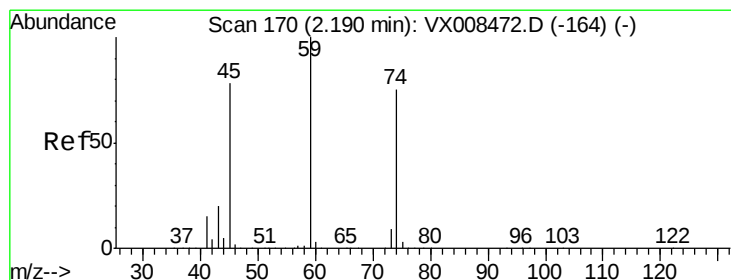
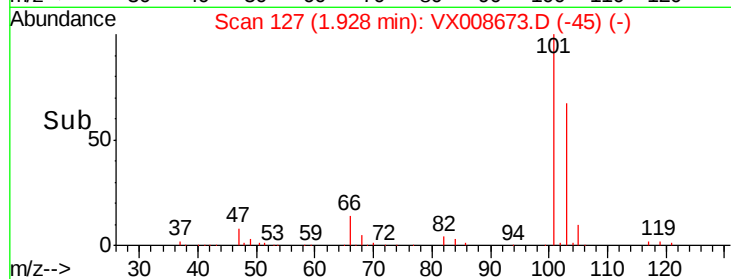
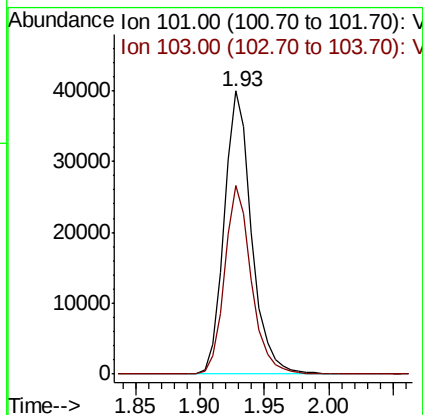
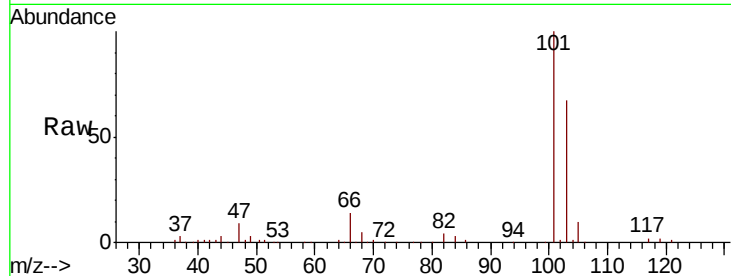


#7

Trichlorofluoromethane
 Concen: 17.462 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

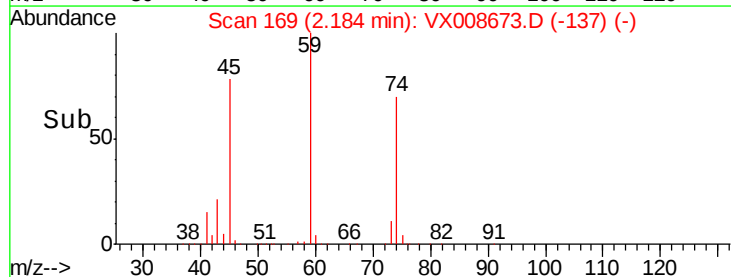
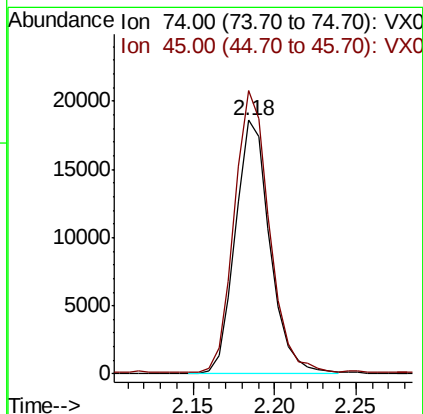
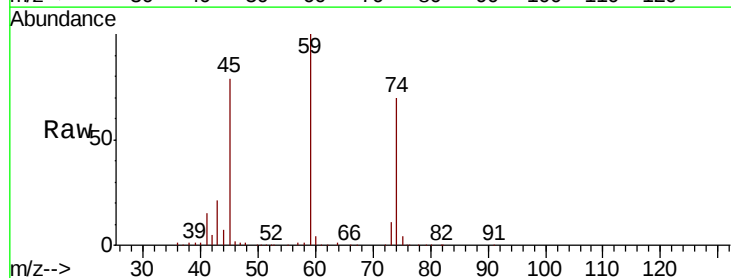
Tgt Ion: 101 Resp: 59627
 Ion Ratio Lower Upper
 101 100
 103 66.7 50.4 75.6

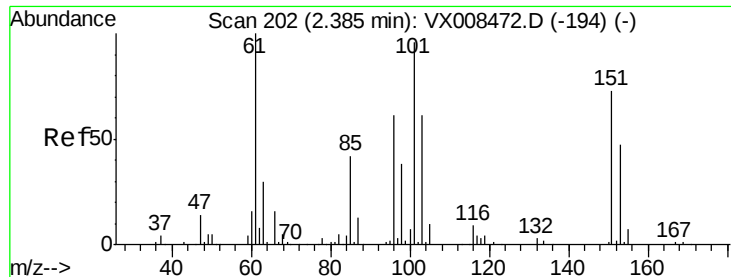


#8

Diethyl Ether
 Concen: 17.125 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 74 Resp: 27577
 Ion Ratio Lower Upper
 74 100
 45 111.9 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.944 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

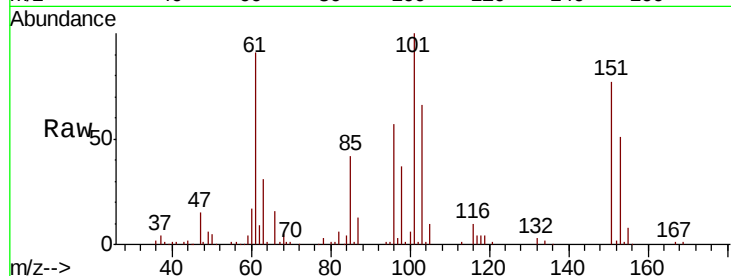
Tgt Ion: 101 Resp: 38159

Ion Ratio Lower Upper

101 100

85 43.6 0.0 86.8

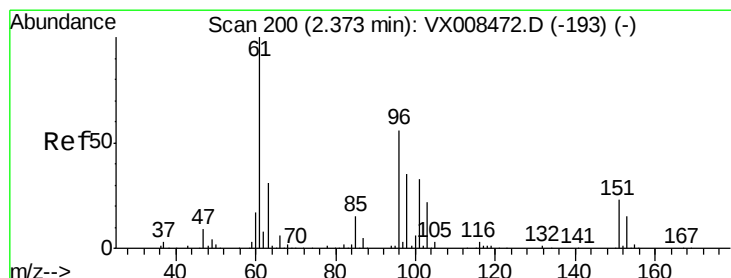
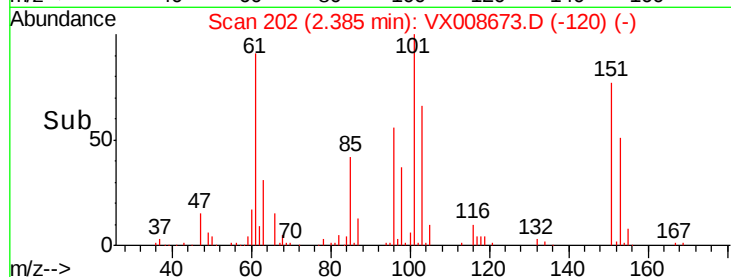
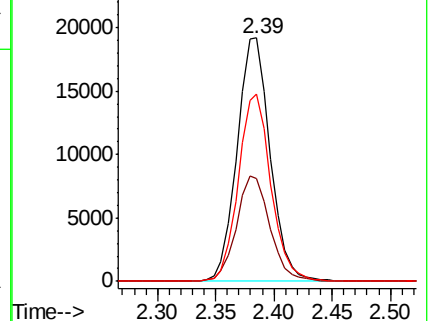
151 75.6 0.0 169.2



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: 17.392 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

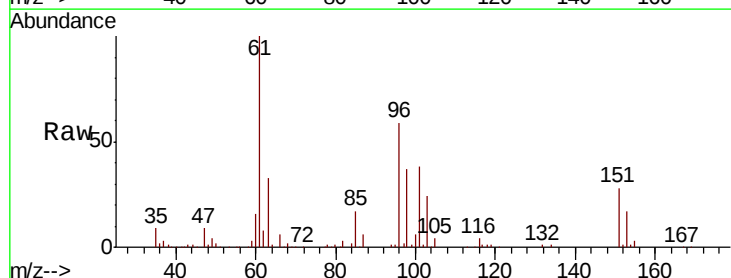
Tgt Ion: 96 Resp: 37521

Ion Ratio Lower Upper

96 100

61 170.0 120.2 180.2

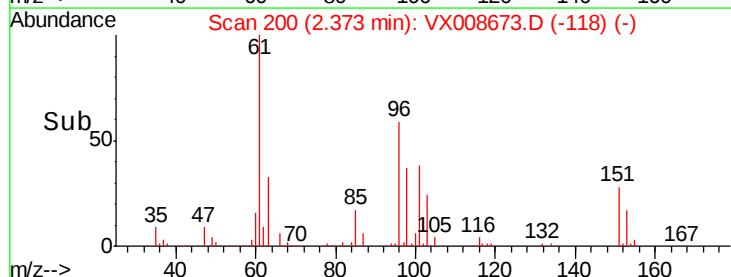
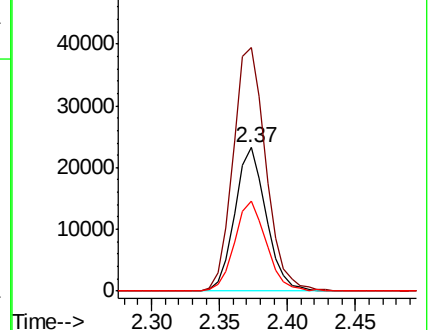
98 62.5 49.0 73.4

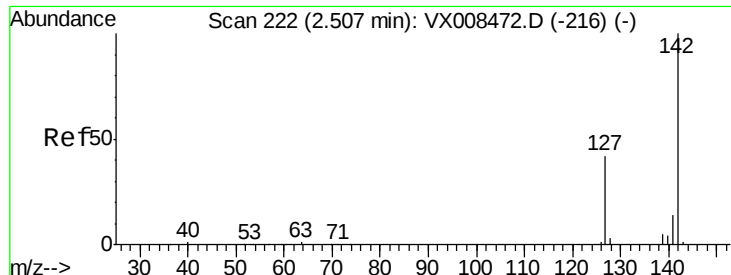


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

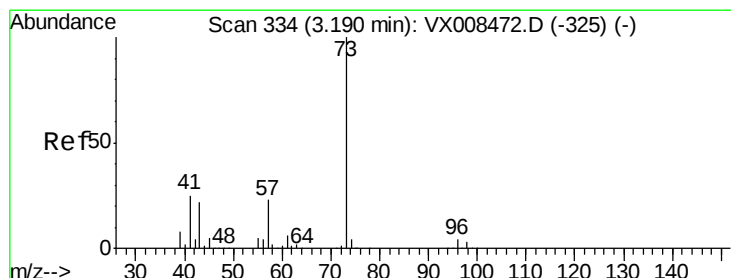
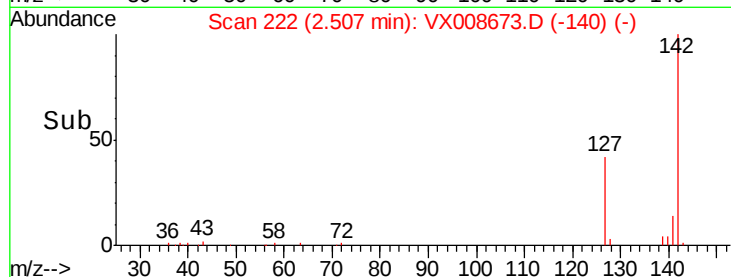
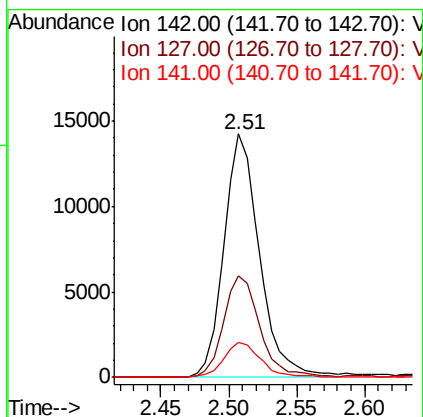
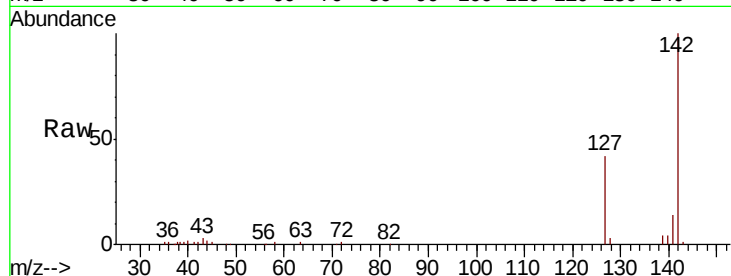




#11
Methyl Iodide
Concen: 11.605 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

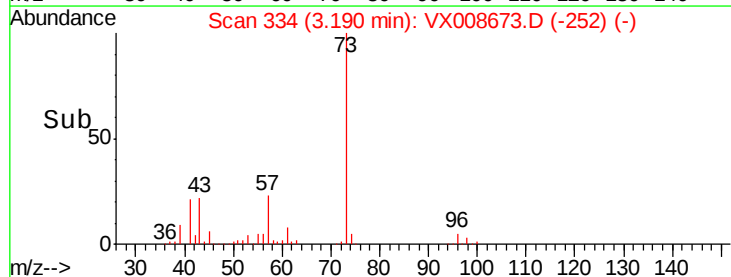
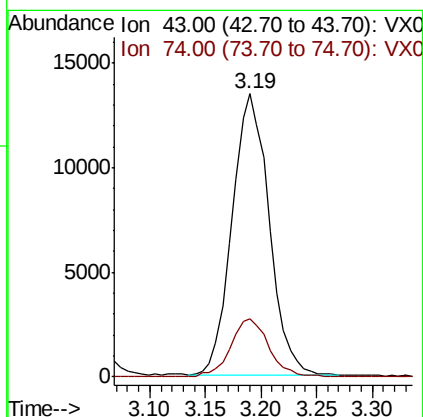
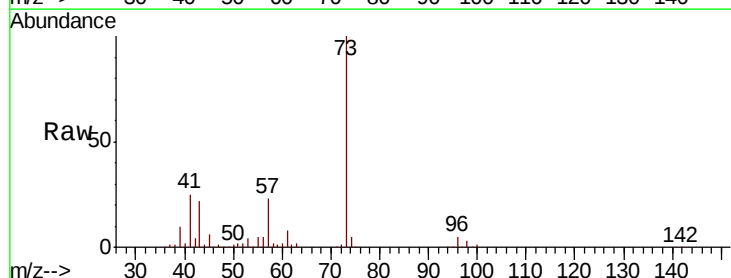
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

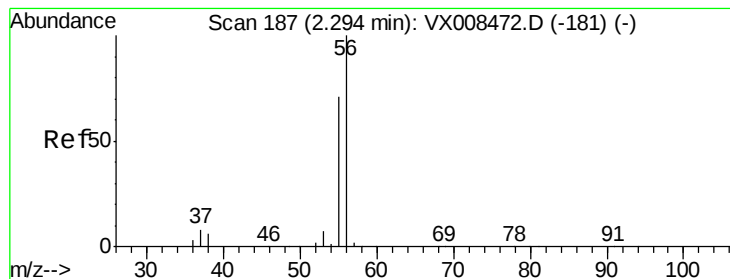
Tgt Ion:142 Resp: 25925
Ion Ratio Lower Upper
142 100
127 42.0 22.1 66.5
141 14.5 7.4 22.3



#12
Methyl Acetate
Concen: 17.837 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion: 43 Resp: 31188
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.0





#13

Acrolein

Concen: 173.504 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

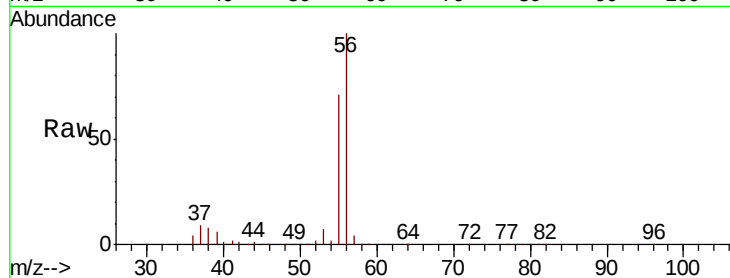
VSTDCCC020

Tgt Ion: 56 Resp: 87034

Ion Ratio Lower Upper

56 100

55 71.1 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

60000

50000

40000

30000

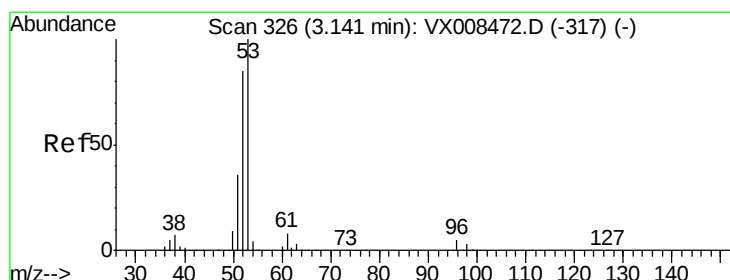
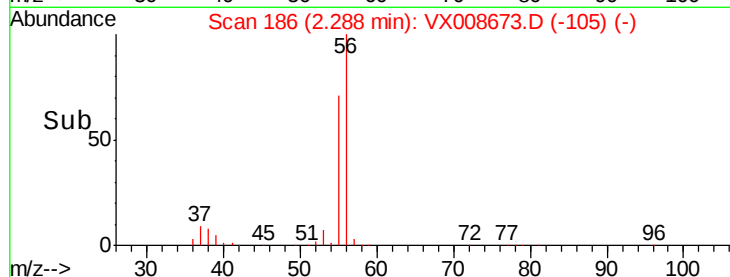
20000

10000

0

Time-->

2.20 2.25 2.30 2.35



#14

Acrylonitrile

Concen: 91.635 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

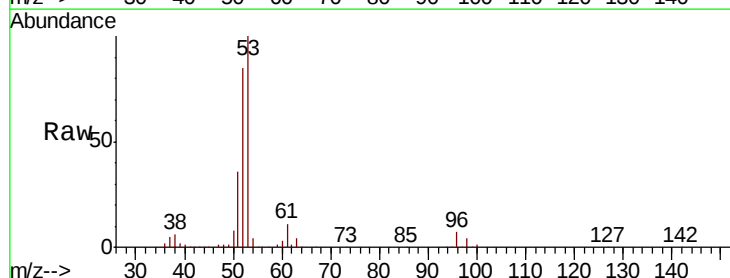
Tgt Ion: 53 Resp: 148137

Ion Ratio Lower Upper

53 100

52 83.9 41.3 124.1

51 35.9 17.5 52.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.14

80000

60000

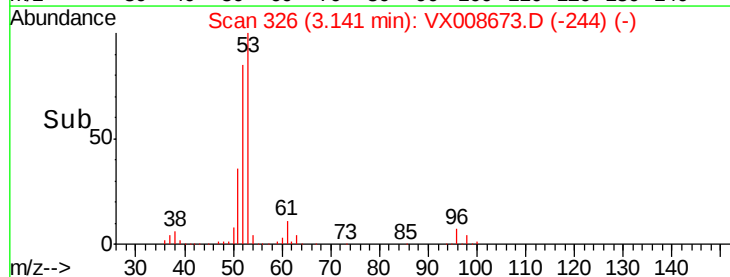
40000

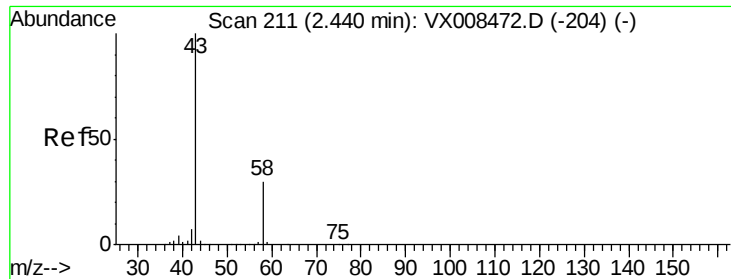
20000

0

Time-->

3.10 3.20





#15

Acetone

Concen: 112.642 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

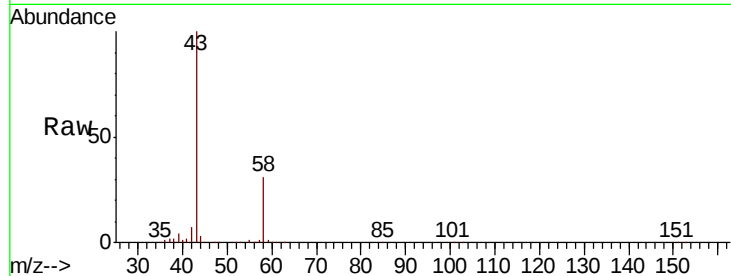
VSTDCCC020

Tgt Ion: 58 Resp: 56154

Ion Ratio Lower Upper

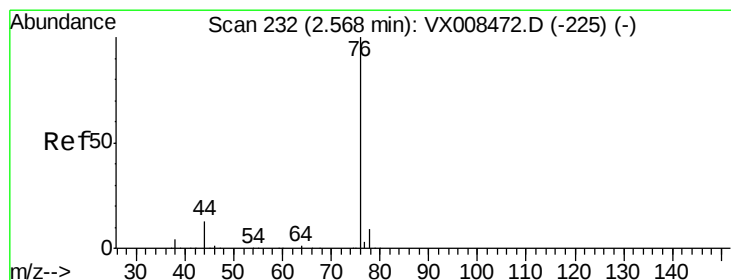
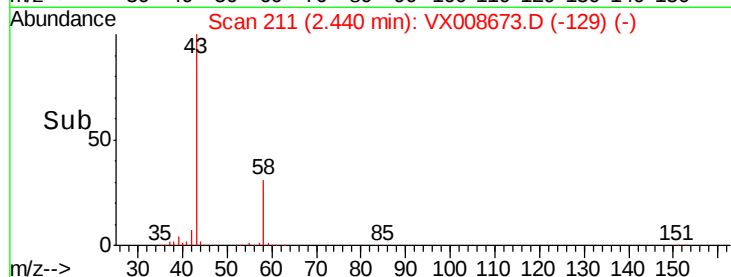
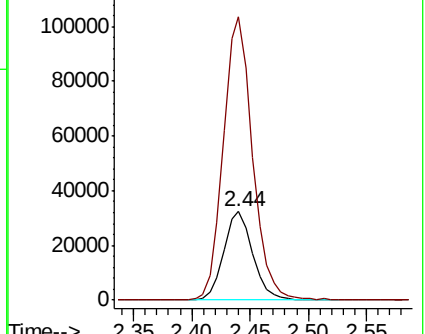
58 100

43 319.9 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.016 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008673.D

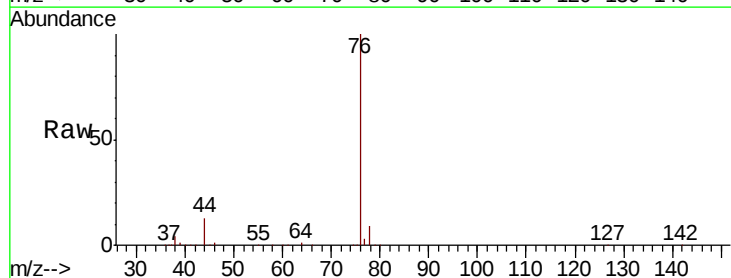
Acq: 05 Apr 2019 10:11

Tgt Ion: 76 Resp: 114198

Ion Ratio Lower Upper

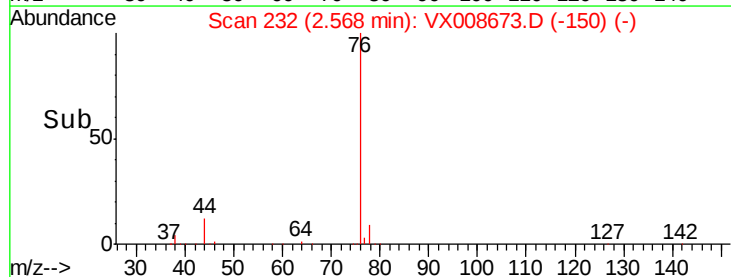
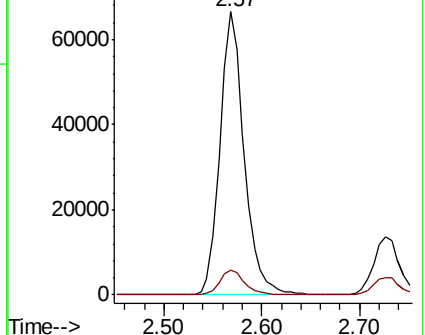
76 100

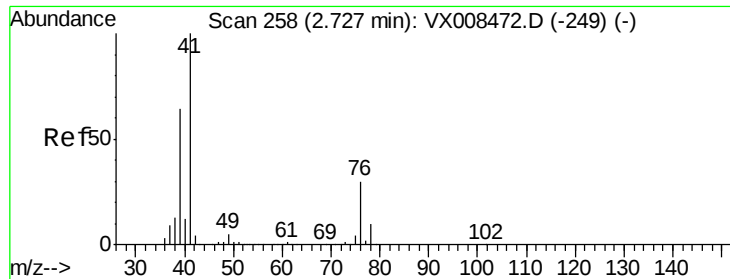
78 8.8 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

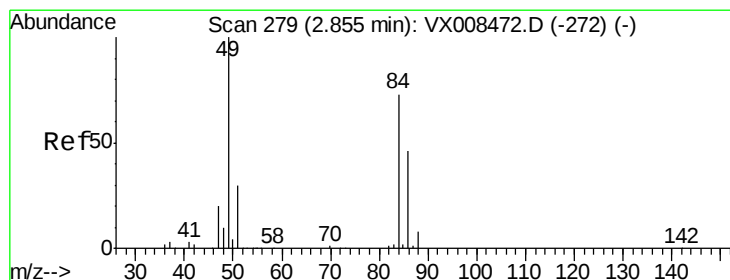
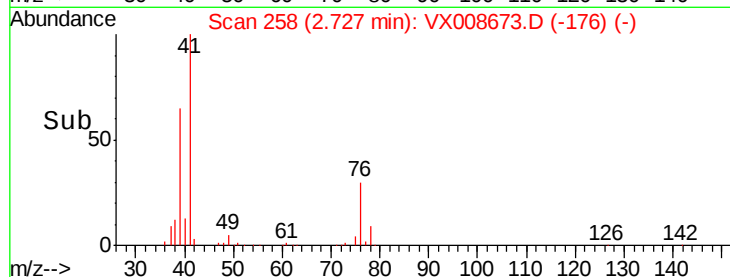
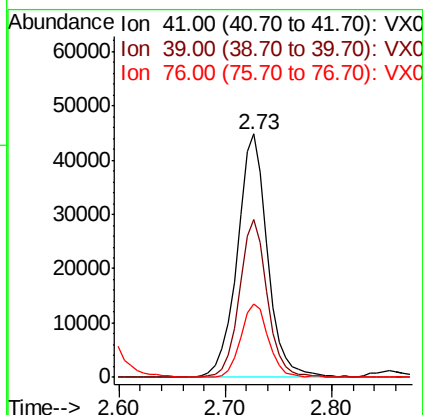
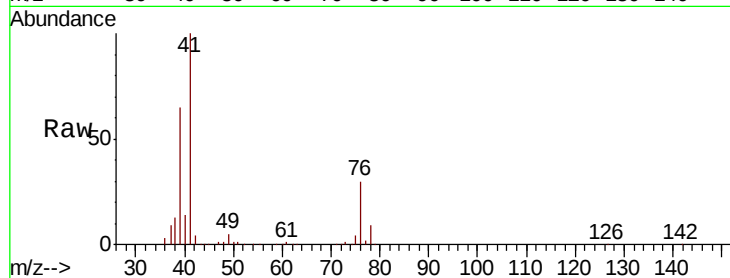




#17
 Allyl chloride
 Concen: 18.299 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

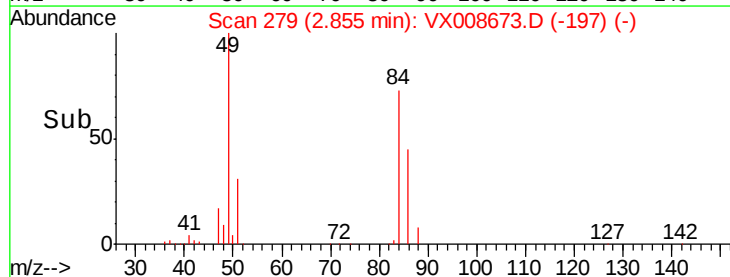
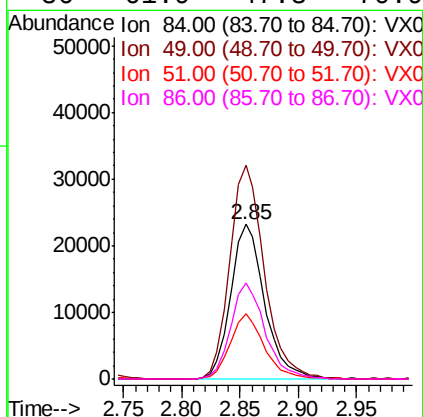
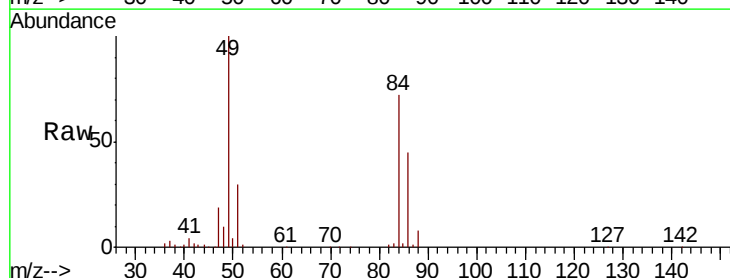
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

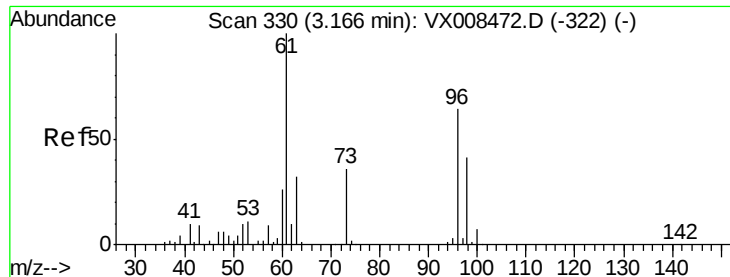
Tgt Ion: 41 Resp: 88727
 Ion Ratio Lower Upper
 41 100
 39 64.8 35.8 107.4
 76 30.3 18.3 54.9



#18
 Methylene Chloride
 Concen: 18.253 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 84 Resp: 47072
 Ion Ratio Lower Upper
 84 100
 49 138.0 96.1 144.1
 51 41.9 29.1 43.7
 86 61.9 47.3 70.9

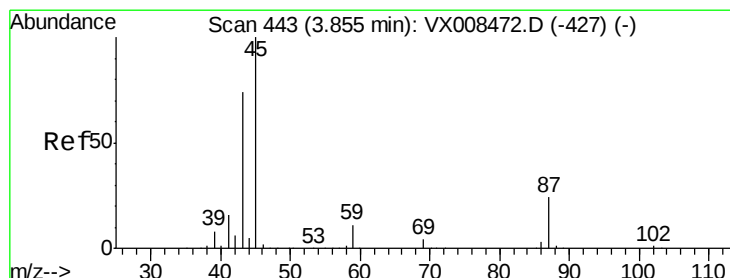
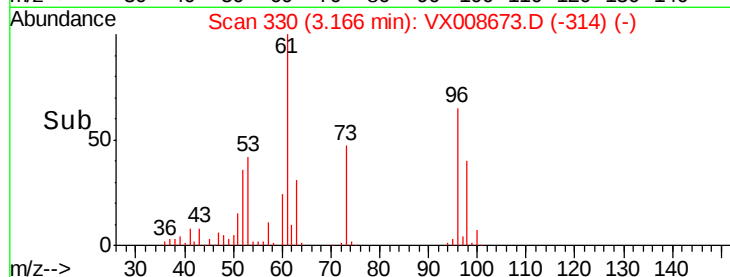
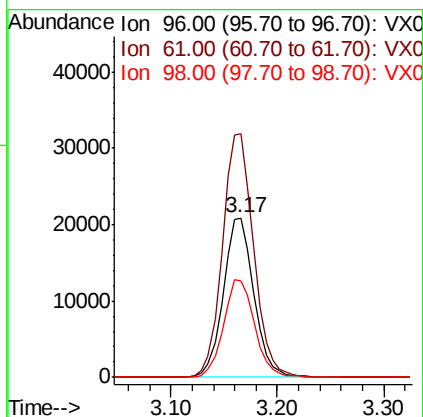
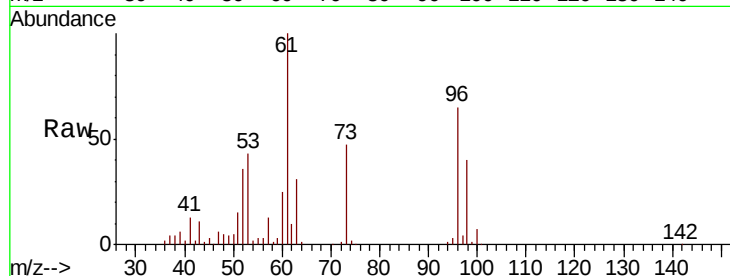




#19
trans-1,2-Dichloroethene
Concen: 18.111 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

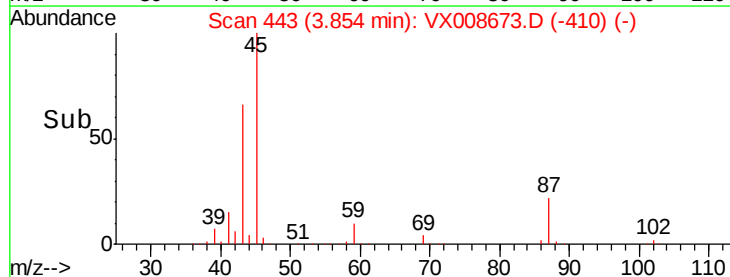
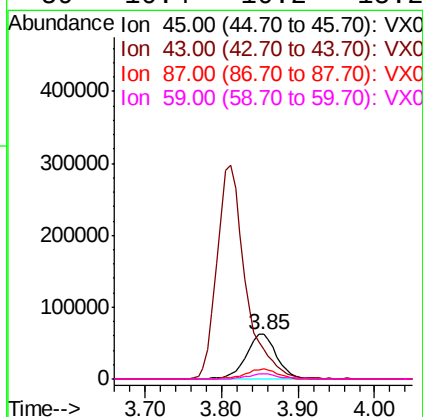
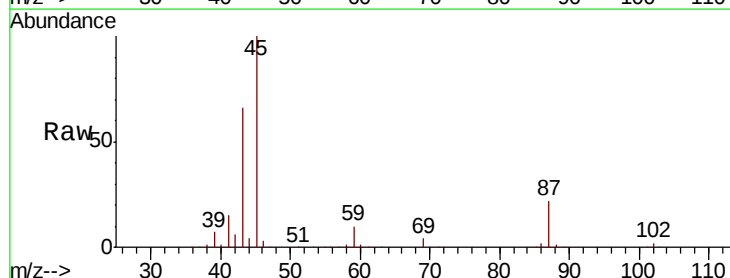
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

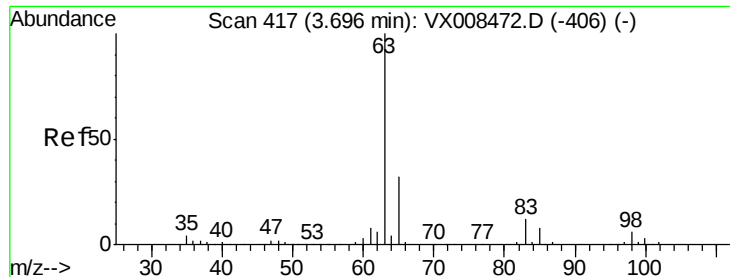
Tgt Ion: 96 Resp: 41744
Ion Ratio Lower Upper
96 100
61 153.0 109.9 164.9
98 60.7 50.4 75.6



#20
Diisopropyl ether
Concen: 18.239 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion: 45 Resp: 172125
Ion Ratio Lower Upper
45 100
43 66.1 50.6 76.0
87 22.4 24.5 36.7#
59 10.4 10.2 15.2





#21

1,1-Dichloroethane

Concen: 17.973 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

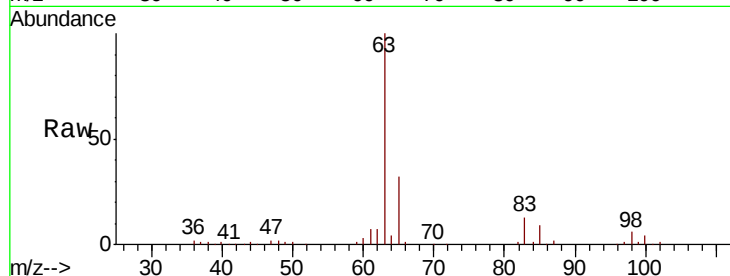
Tgt Ion: 63 Resp: 85140

Ion Ratio Lower Upper

63 100

98 6.2 3.8 11.4

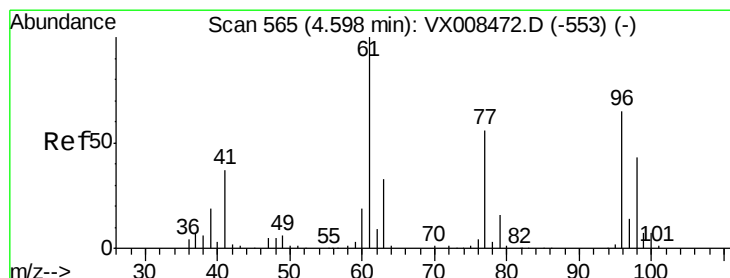
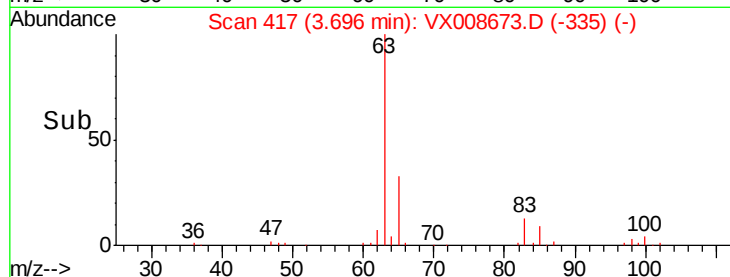
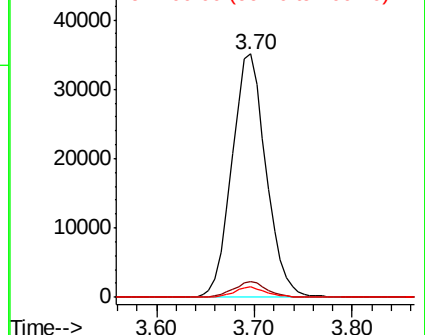
100 4.1 2.4 7.1



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: 18.262 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

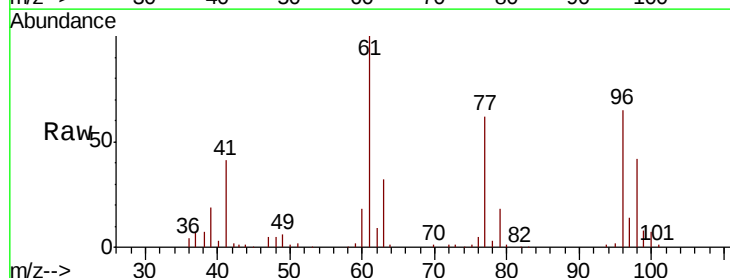
Tgt Ion: 96 Resp: 48642

Ion Ratio Lower Upper

96 100

61 162.1 103.5 155.3#

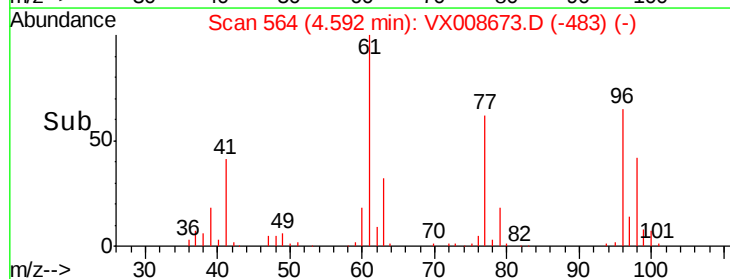
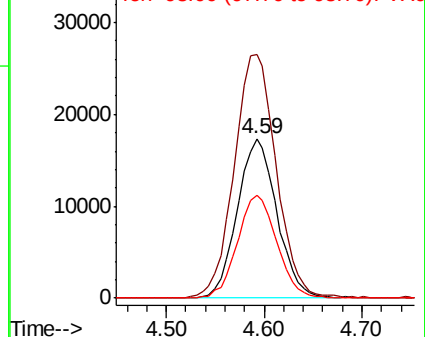
98 64.3 52.1 78.1

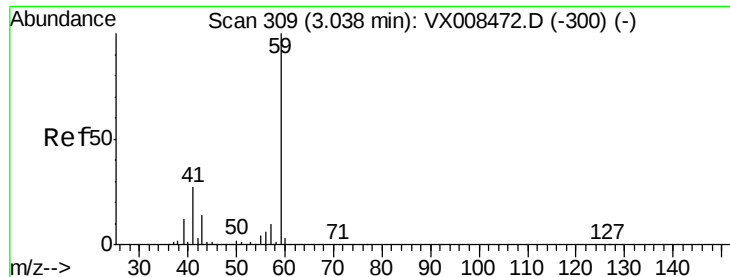


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

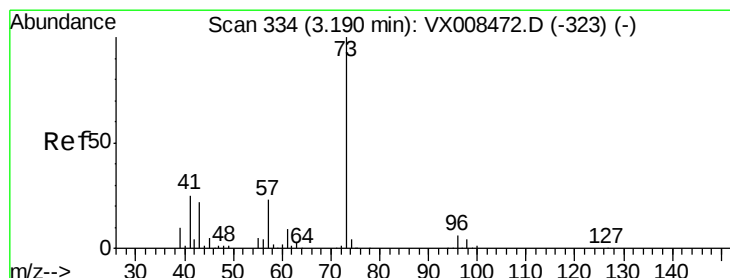
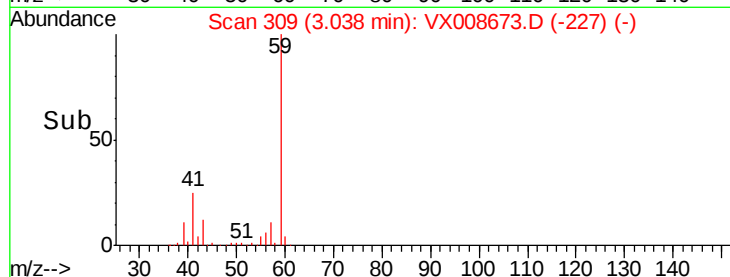
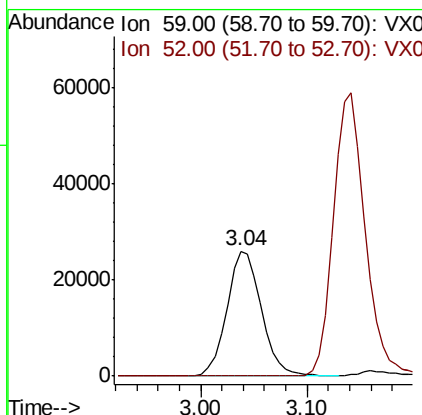
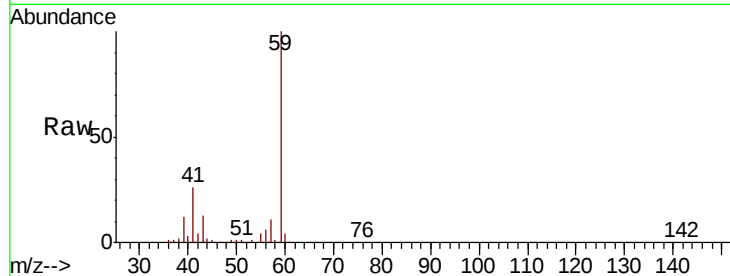




#23
 tert-Butyl Alcohol
 Concen: 90.390 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

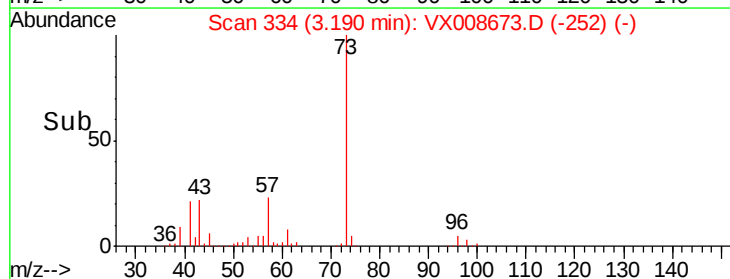
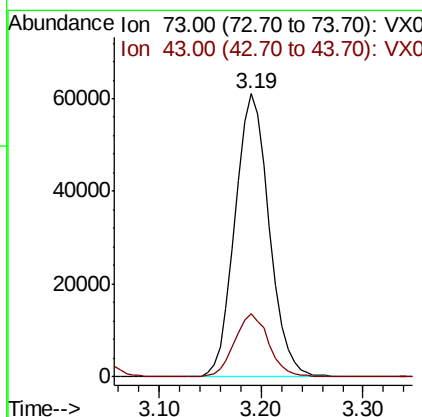
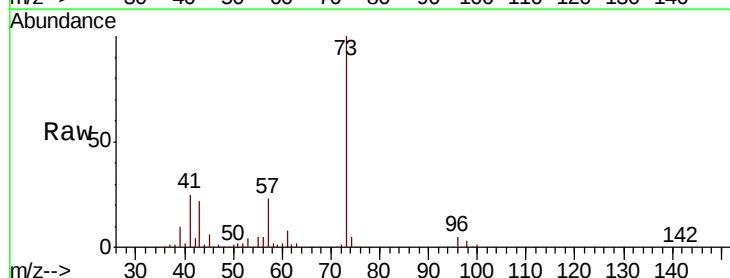
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

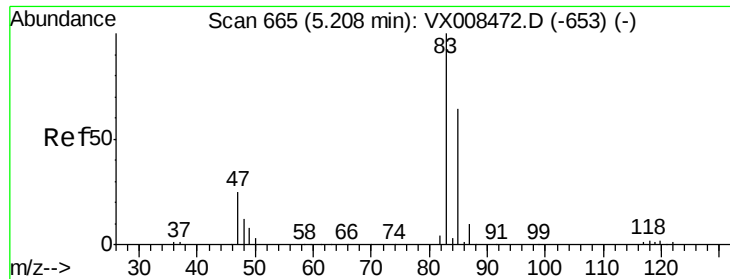
Tgt Ion: 59 Resp: 59006
 Ion Ratio Lower Upper
 59 100
 52 0.5 0.2 0.2#



#24
 Methyl tert-Butyl Ether
 Concen: 17.953 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 73 Resp: 142347
 Ion Ratio Lower Upper
 73 100
 43 21.9 17.1 25.7

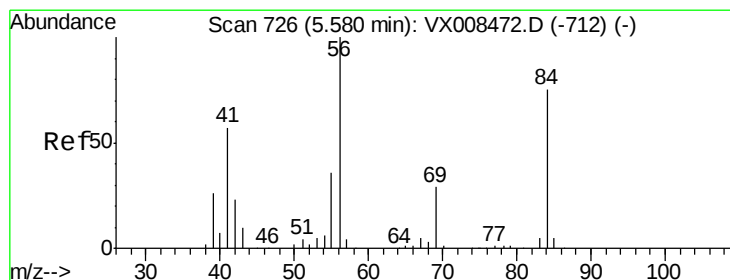
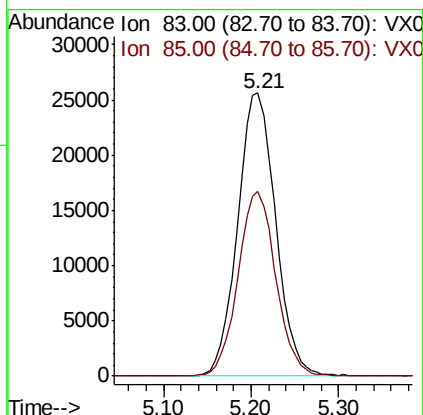
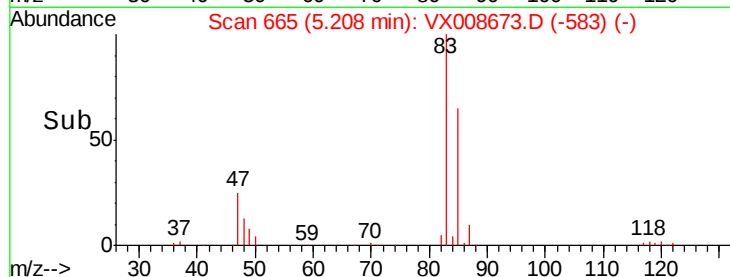
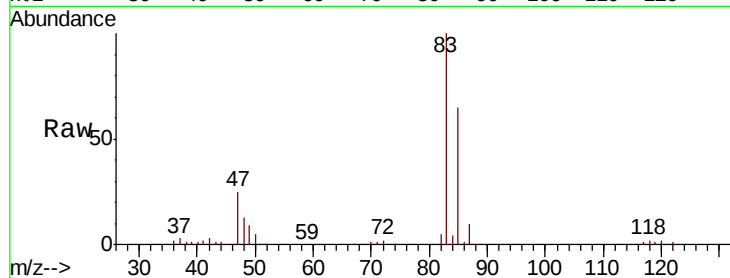




#25
Chloroform
Concen: 18.037 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

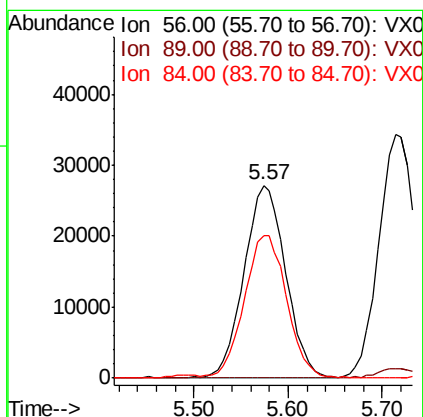
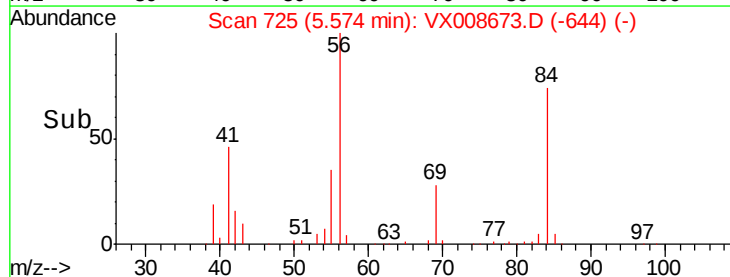
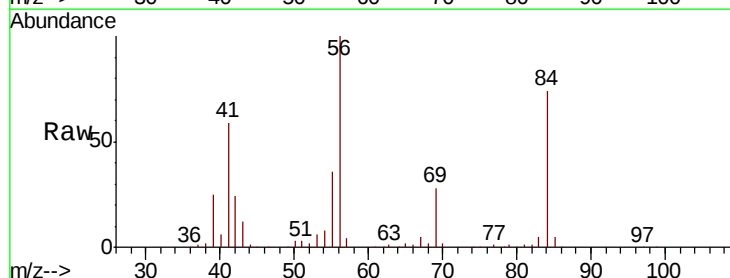
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

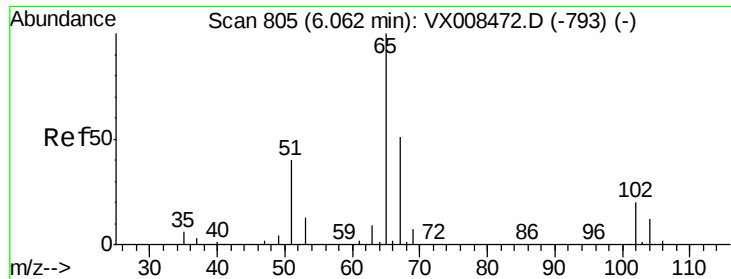
Tgt Ion: 83 Resp: 77392
Ion Ratio Lower Upper
83 100
85 65.2 53.8 80.6



#26
Cyclohexane
Concen: 18.292 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion: 56 Resp: 84179
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 75.3 73.9 110.9

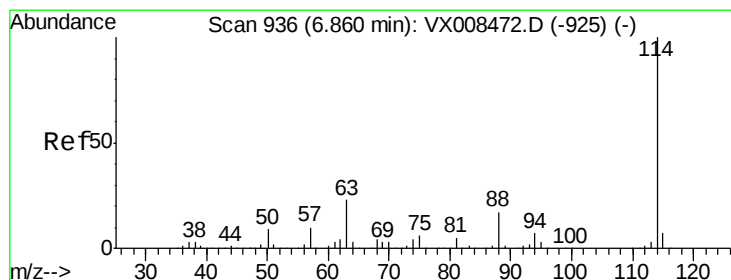
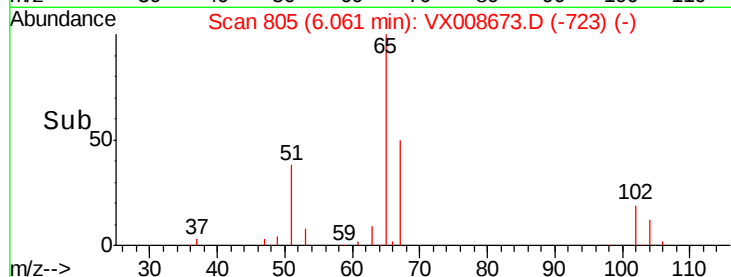
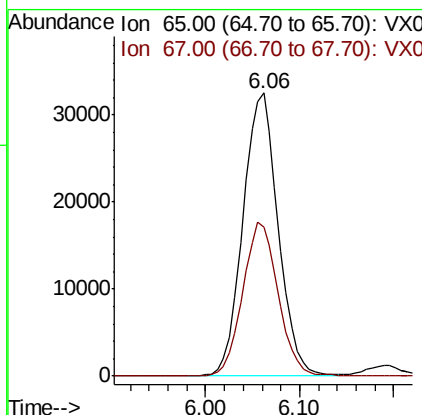
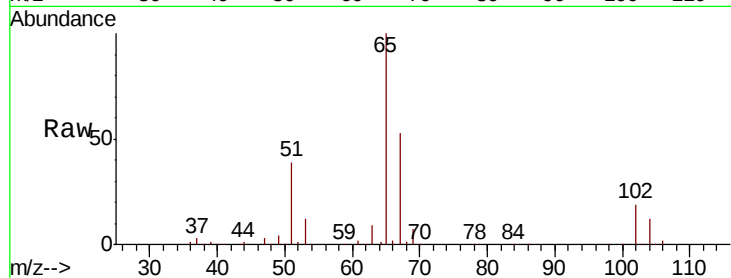




#27
 1,2-Dichloroethane-d4
 Concen: 29.983 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

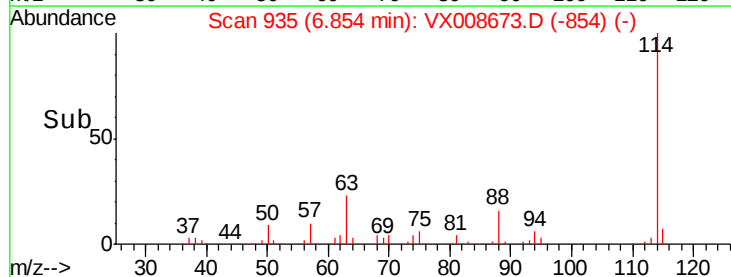
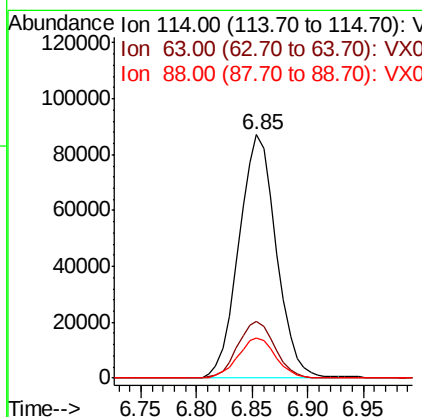
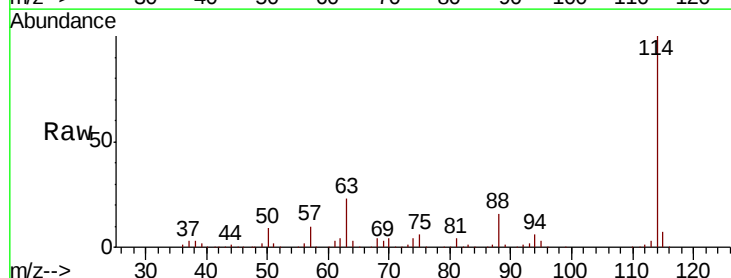
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

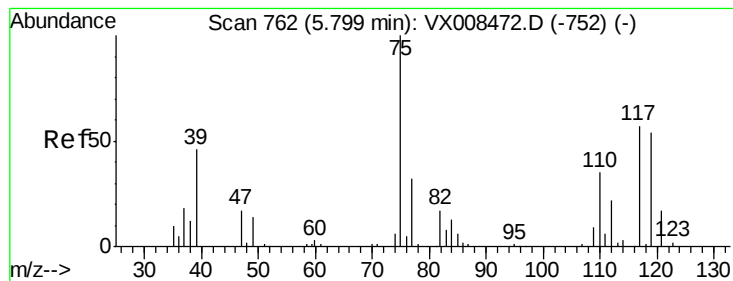
Tgt Ion: 65 Resp: 85449
 Ion Ratio Lower Upper
 65 100
 67 54.5 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 114 Resp: 203460
 Ion Ratio Lower Upper
 114 100
 63 23.5 14.2 21.4#
 88 16.6 11.9 17.9





#29

1,1-Dichloropropene

Concen: 17.843 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

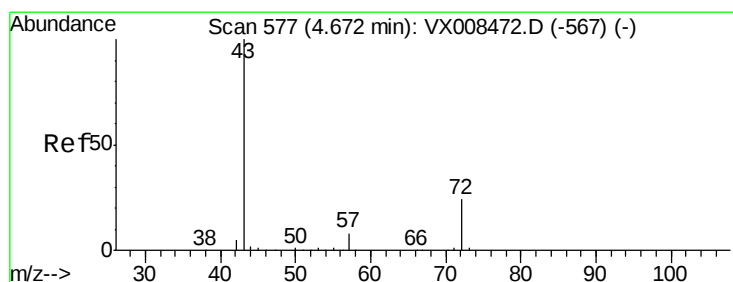
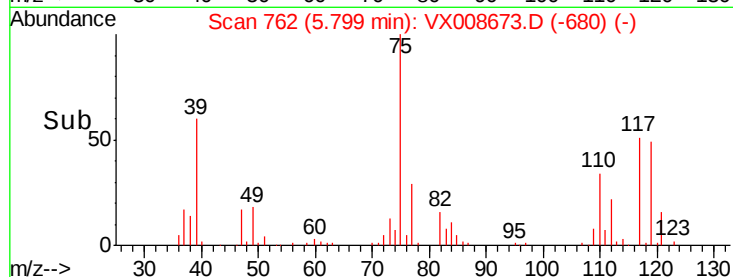
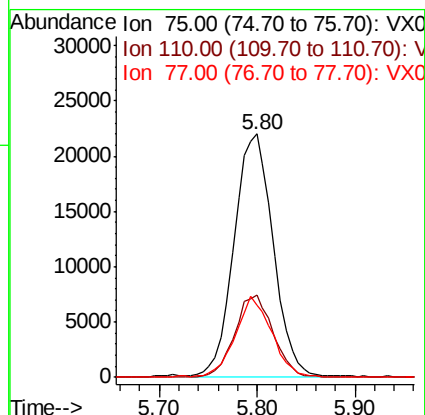
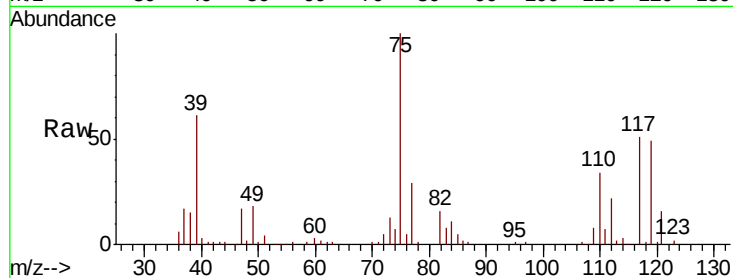
Tgt Ion: 75 Resp: 61076

Ion Ratio Lower Upper

75 100

110 33.0 0.0 80.8

77 31.0 0.0 62.4



#30

2-Butanone

Concen: 95.527 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

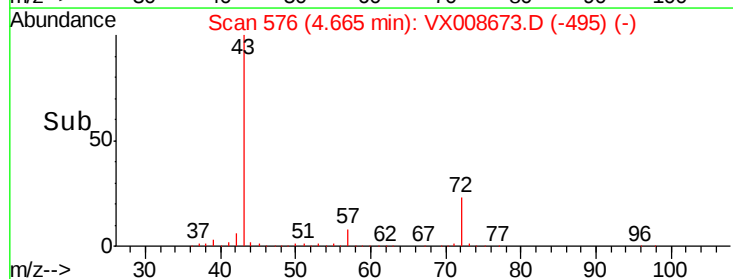
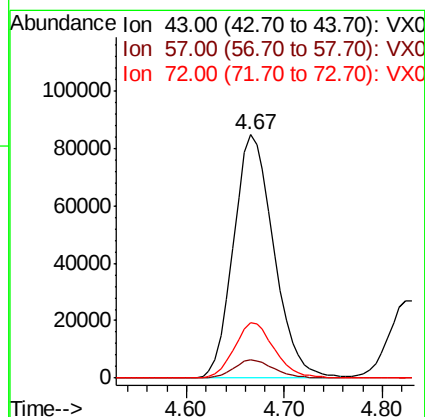
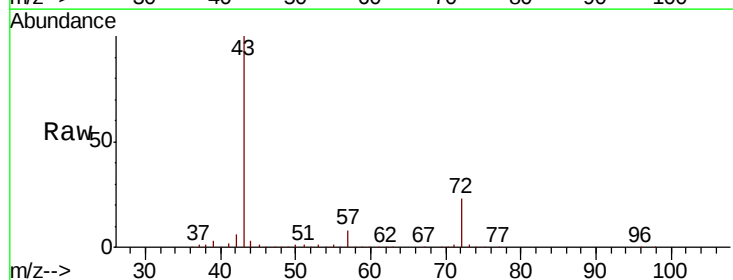
Tgt Ion: 43 Resp: 240446

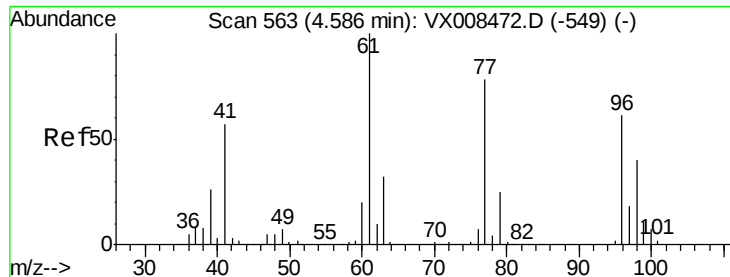
Ion Ratio Lower Upper

43 100

57 7.5 7.0 10.6

72 22.8 21.5 32.3

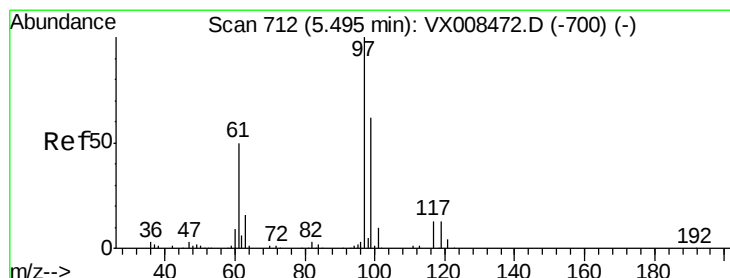
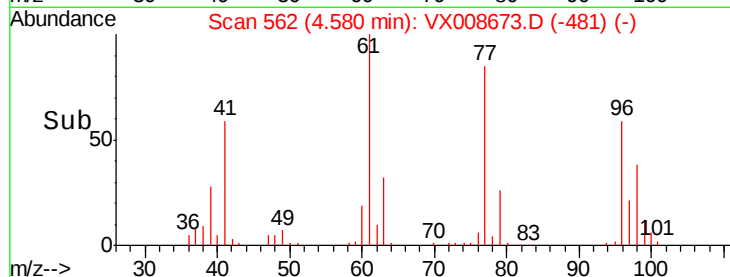
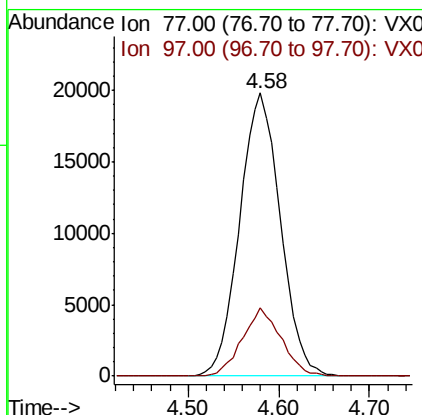
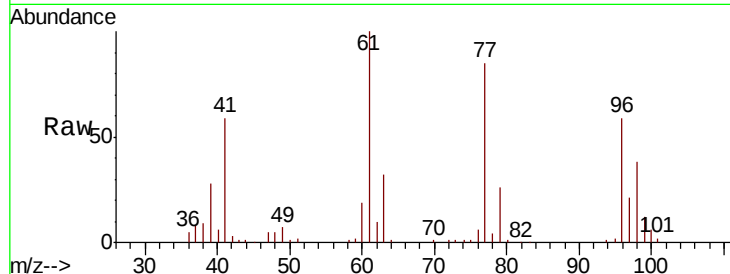




#31
 2,2-Dichloropropane
 Concen: 18.057 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

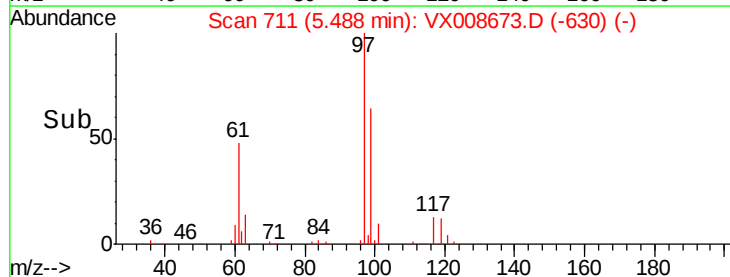
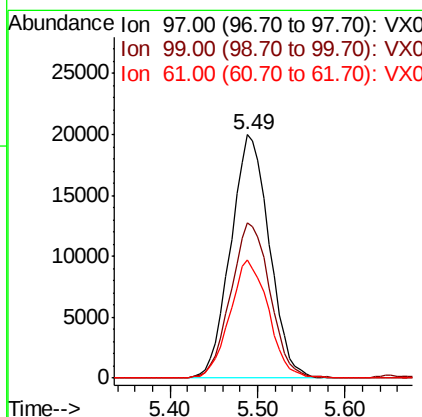
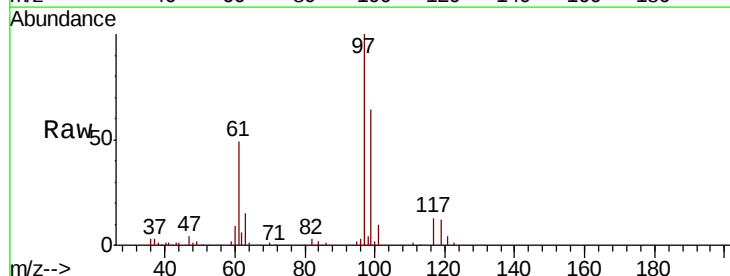
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

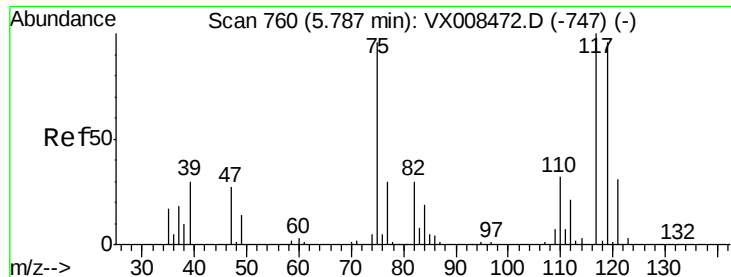
Tgt Ion: 77 Resp: 61731
 Ion Ratio Lower Upper
 77 100
 97 23.0 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 17.276 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 97 Resp: 61408
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.7 77.5
 61 48.8 32.8 49.2

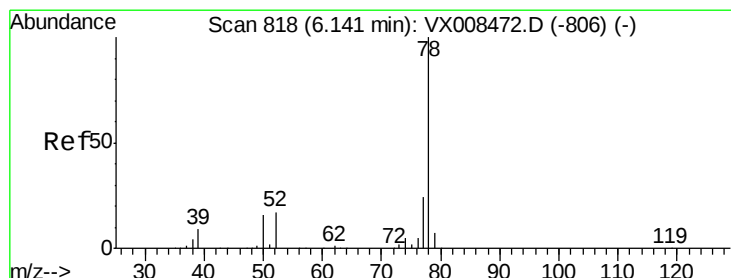
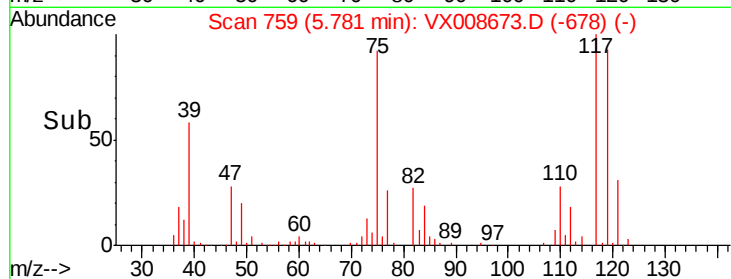
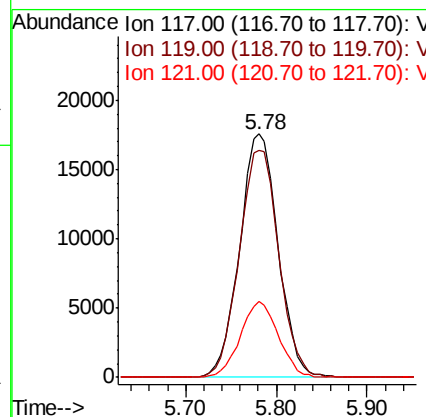
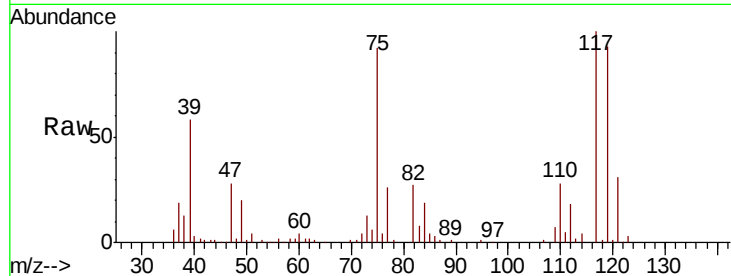




#33
Carbon Tetrachloride
Concen: 17.331 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

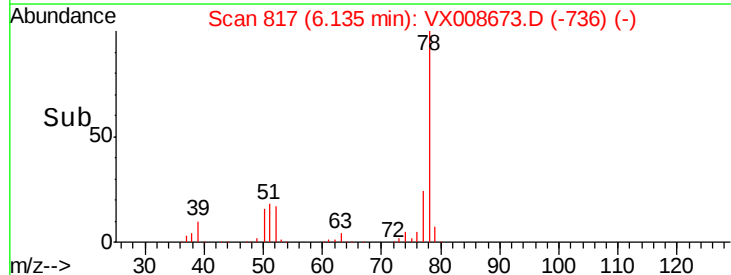
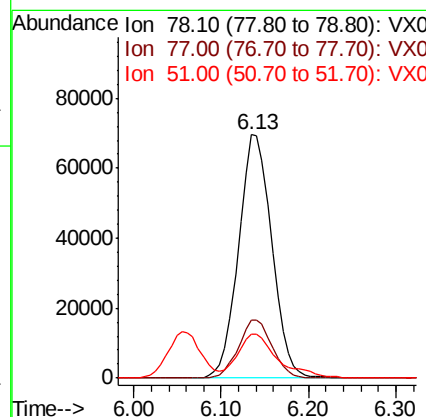
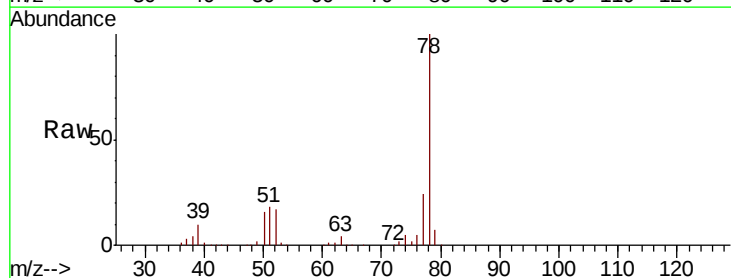
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

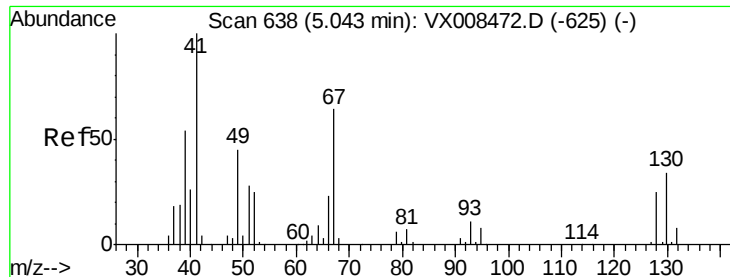
Tgt Ion: 117 Resp: 51541
Ion Ratio Lower Upper
117 100
119 93.2 78.1 117.1
121 31.0 27.0 40.6



#34
Benzene
Concen: 17.624 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion: 78 Resp: 184403
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7
51 17.5 10.8 16.2#

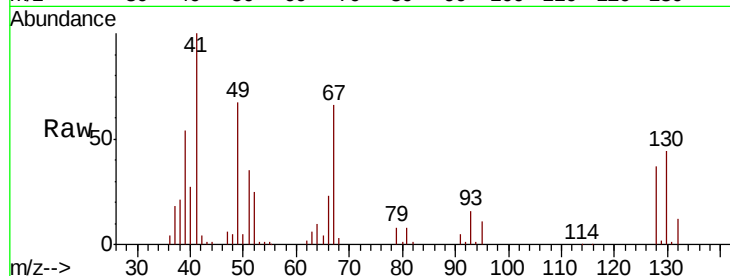




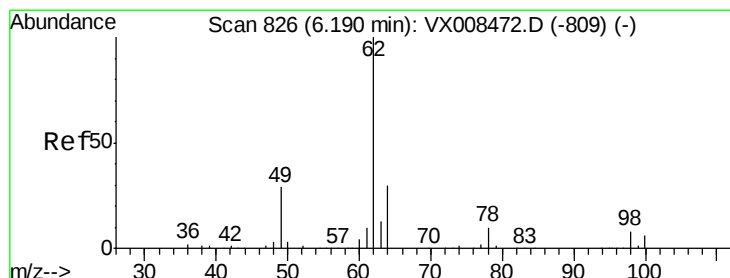
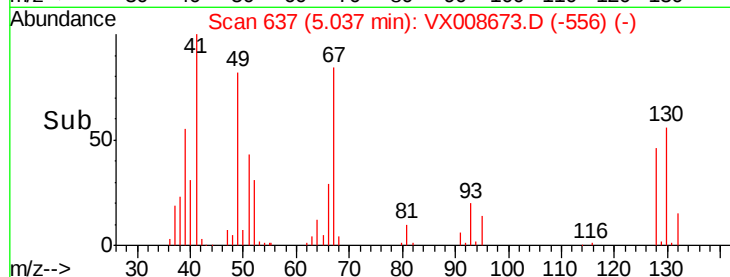
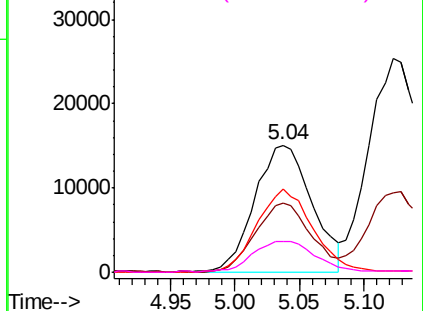
#35
Methacrylonitrile
Concen: 18.074 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	46264
Ion	Ratio	Lower	Upper
41	100		
39	53.9	27.4	82.0
67	66.0	37.9	113.6
52	24.2	13.3	39.9

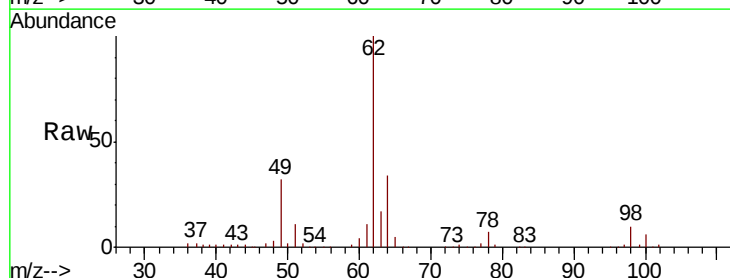


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

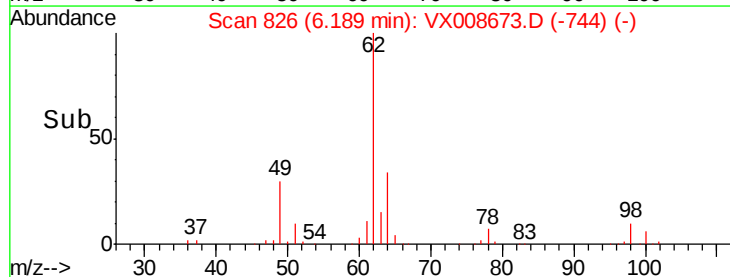
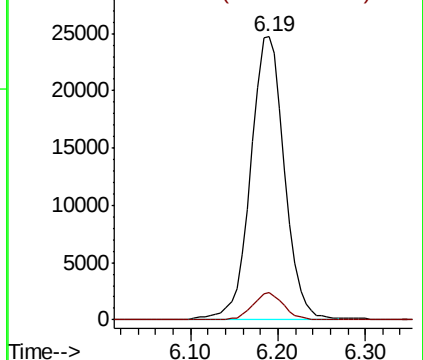


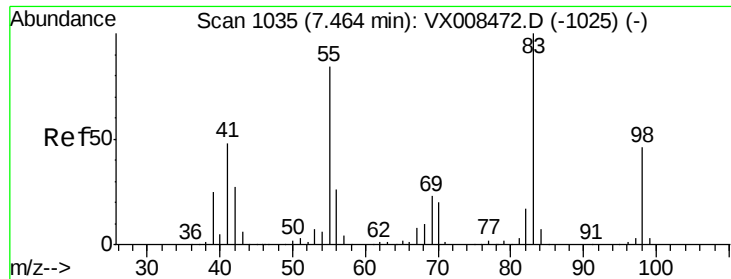
#36
1,2-Dichloroethane
Concen: 17.847 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion:	62	Resp:	66576
Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.8	11.8



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

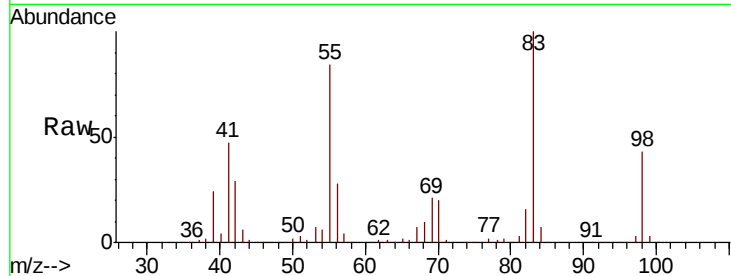




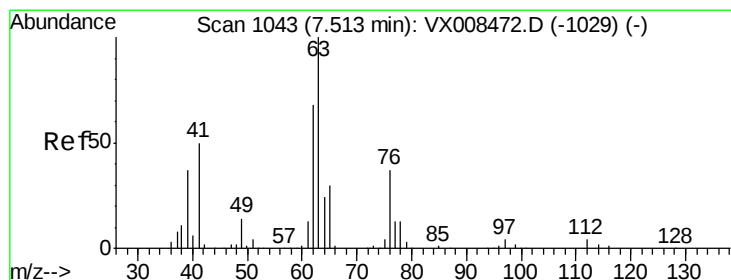
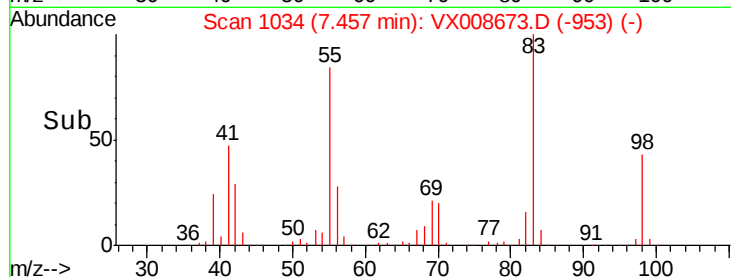
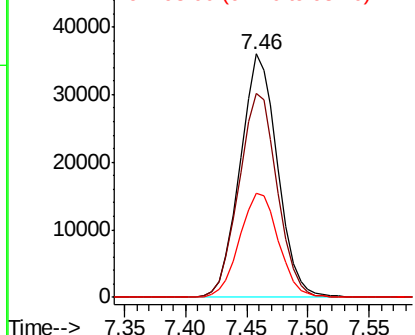
#38
Methylcyclohexane
Concen: 17.766 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 76626
Ion Ratio Lower Upper
83 100
55 85.9 36.0 108.0
98 44.6 23.8 71.4

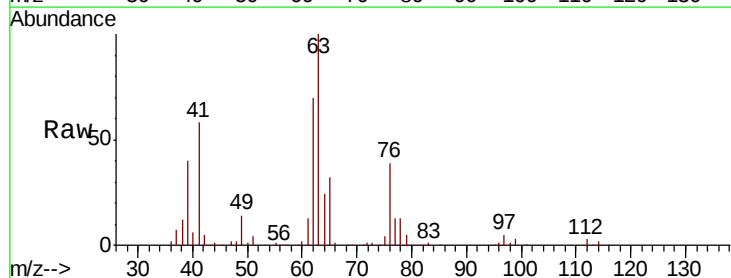


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

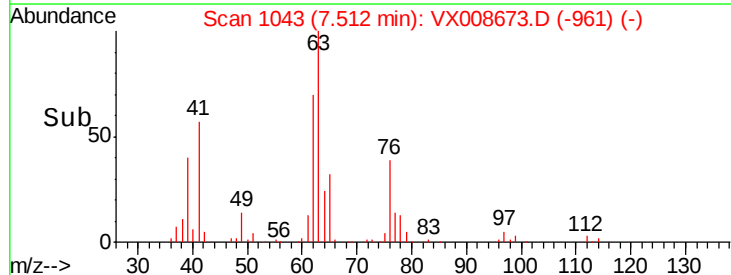
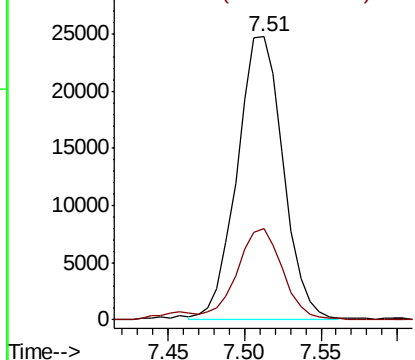


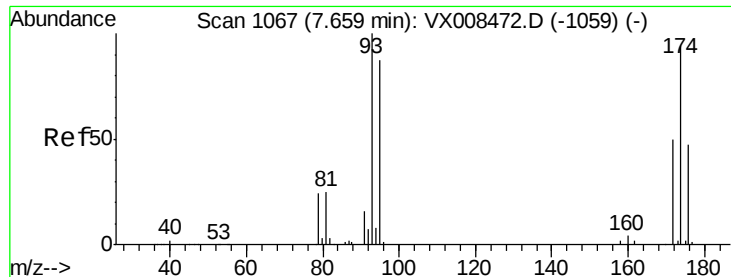
#39
1,2-Dichloropropane
Concen: 17.535 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion: 63 Resp: 52039
Ion Ratio Lower Upper
63 100
65 32.1 24.6 37.0



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

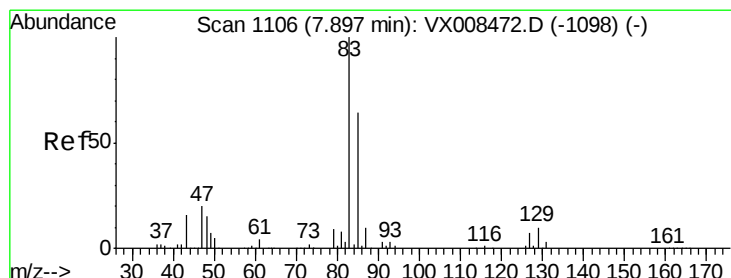
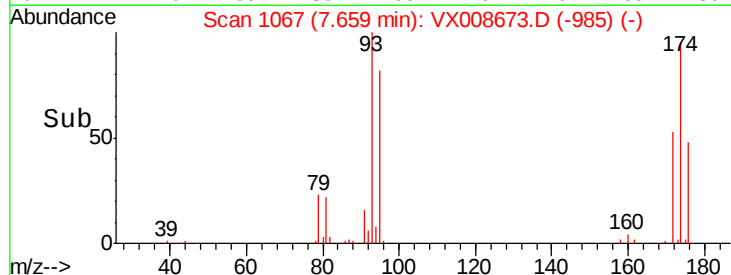
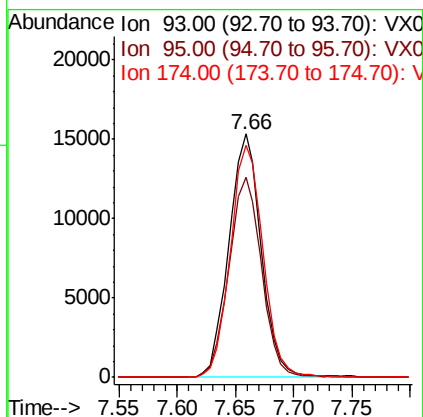
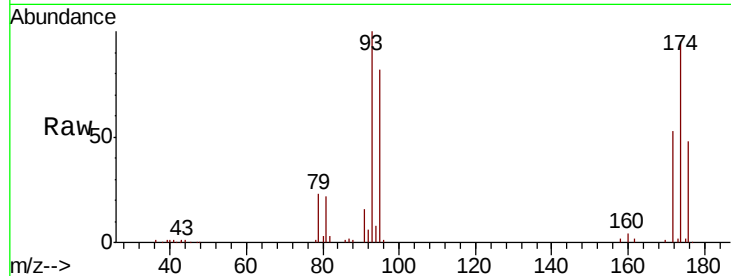




#40
Dibromomethane
Concen: 17.262 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

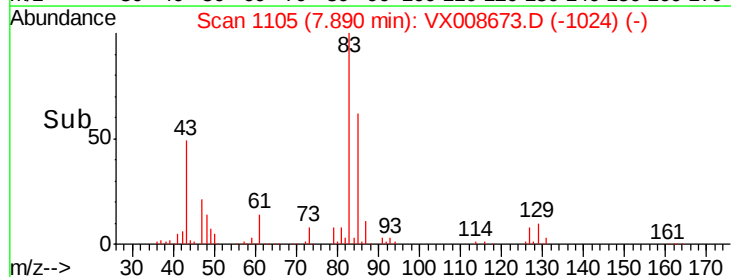
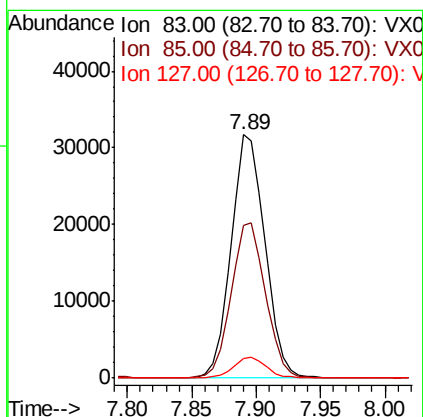
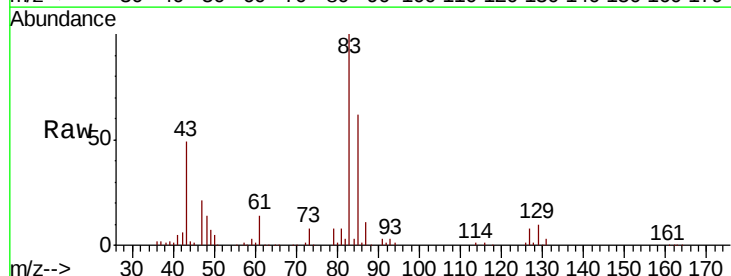
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

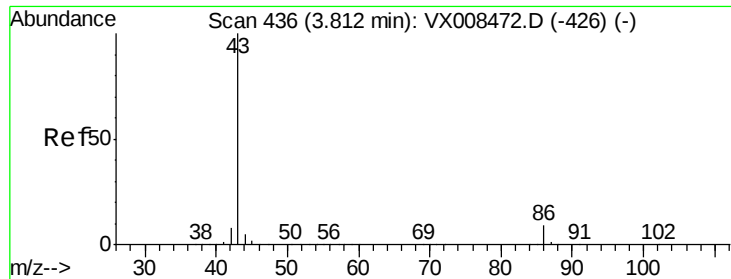
Tgt Ion: 93 Resp: 29676
Ion Ratio Lower Upper
93 100
95 82.9 0.0 158.8
174 96.3 0.0 224.2



#41
Bromodichloromethane
Concen: 17.120 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion: 83 Resp: 57870
Ion Ratio Lower Upper
83 100
85 62.5 51.1 76.7
127 8.0 7.2 10.8





#42

Vinyl Acetate

Concen: 90.207 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

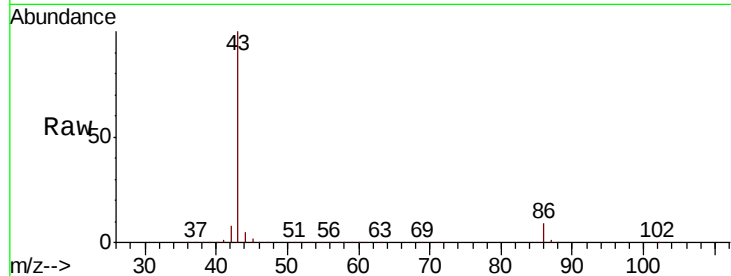
VSTDCCC020

Tgt Ion: 43 Resp: 769697

Ion Ratio Lower Upper

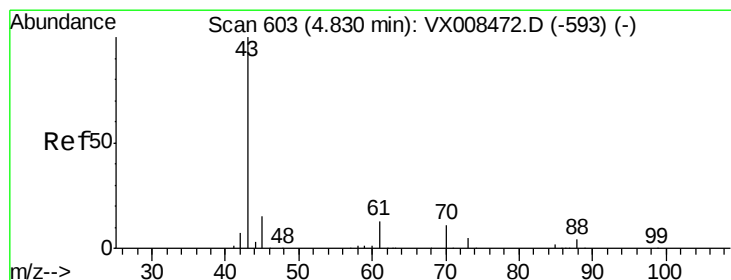
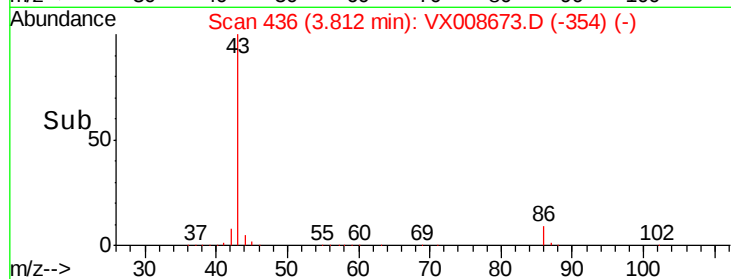
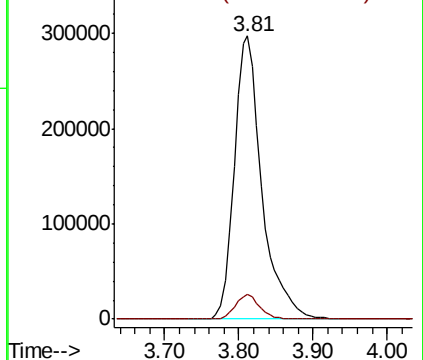
43 100

86 7.7 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: 17.751 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX008673.D

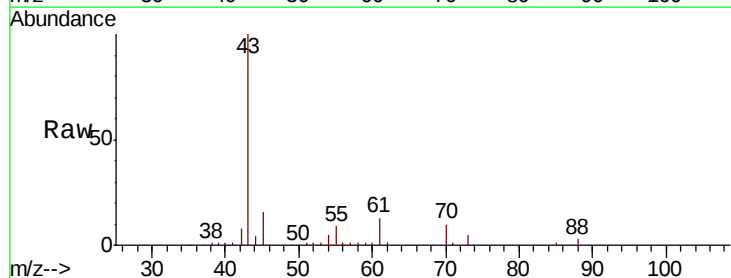
Acq: 05 Apr 2019 10:11

Tgt Ion: 43 Resp: 80415

Ion Ratio Lower Upper

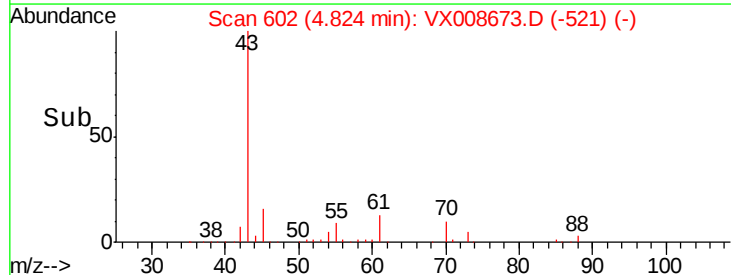
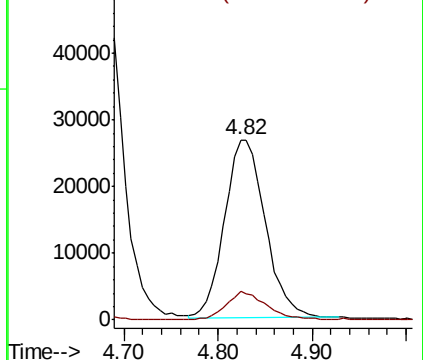
43 100

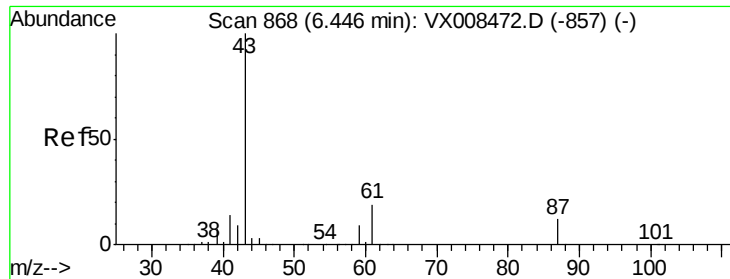
45 15.1 6.9 10.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



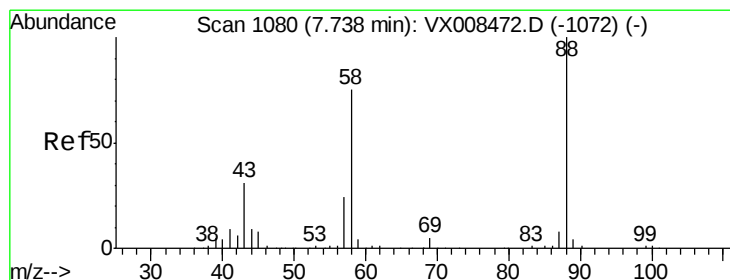
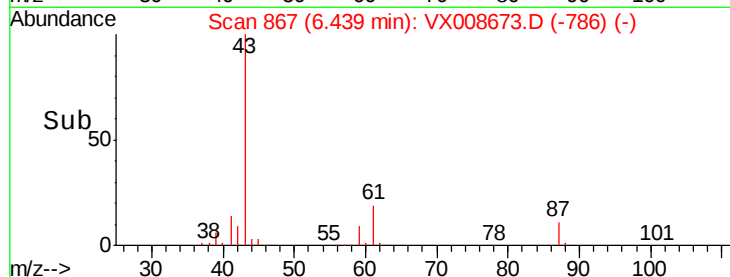
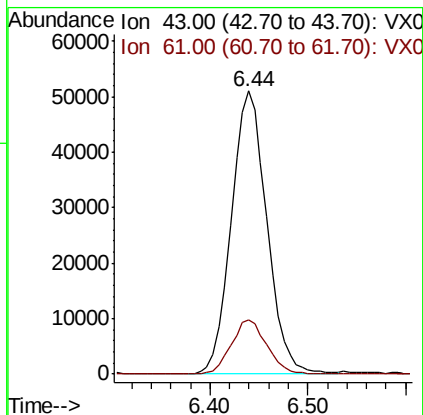
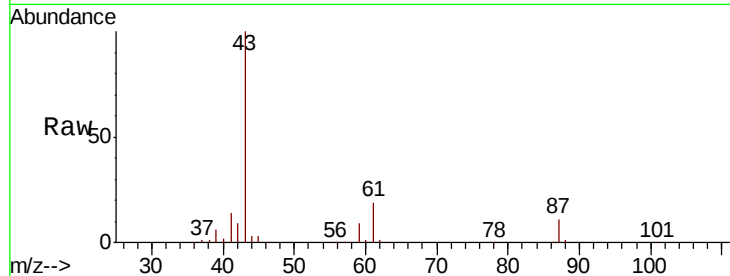


#44

Isopropyl Acetate
 Concen: 17.414 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

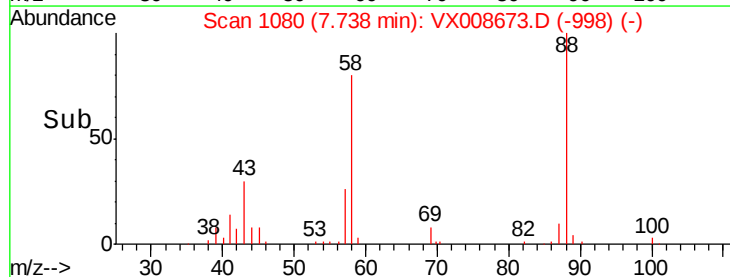
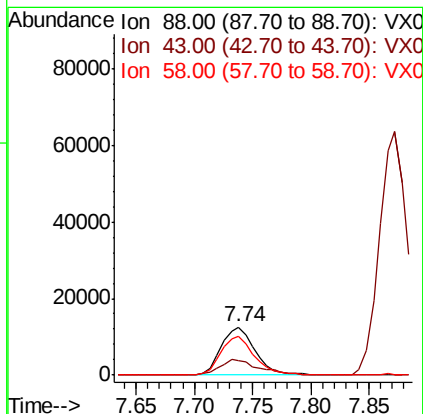
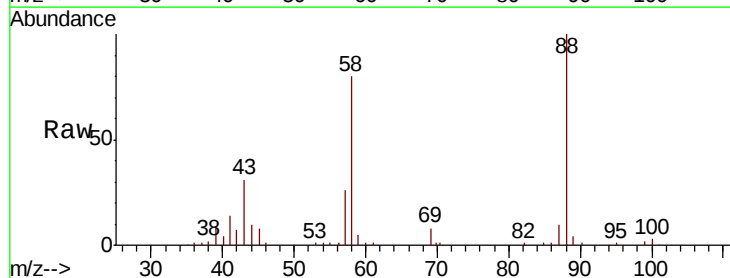
Tgt Ion: 43 Resp: 127564
 Ion Ratio Lower Upper
 43 100
 61 19.3 16.1 24.1

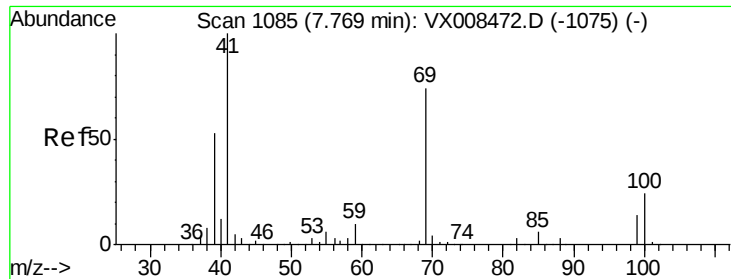


#45

1,4-Dioxane
 Concen: 347.653 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 88 Resp: 25352
 Ion Ratio Lower Upper
 88 100
 43 36.6 23.6 35.4#
 58 80.7 51.6 77.4#

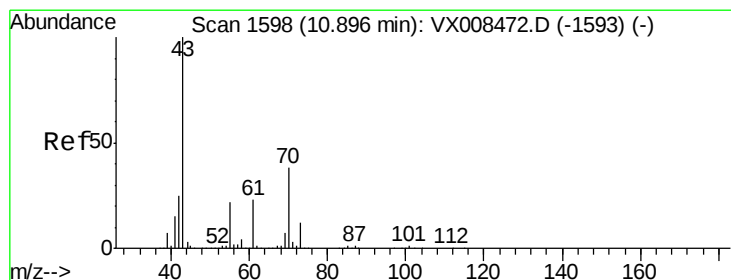
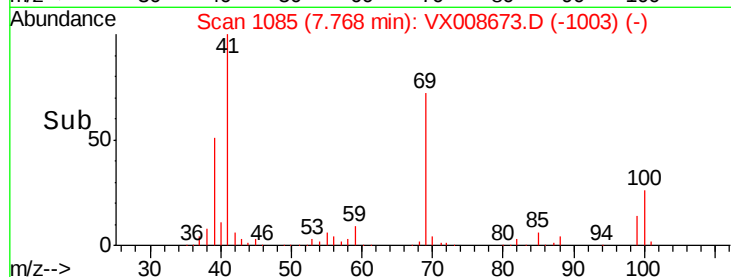
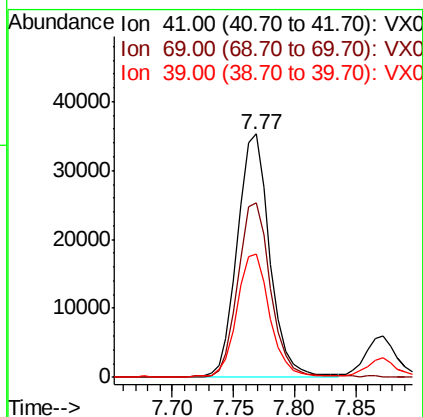
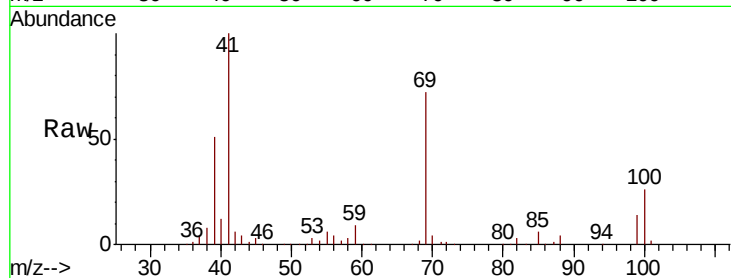




#46
Methyl methacrylate
Concen: 17.429 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

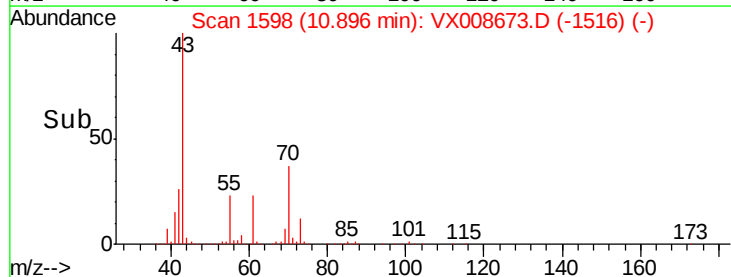
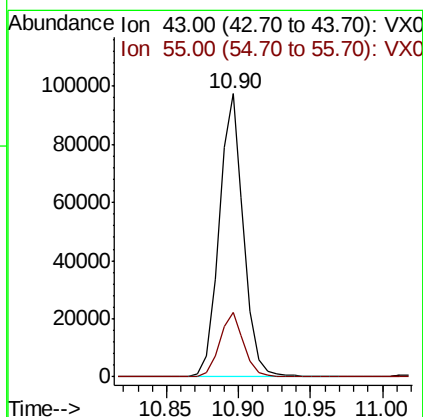
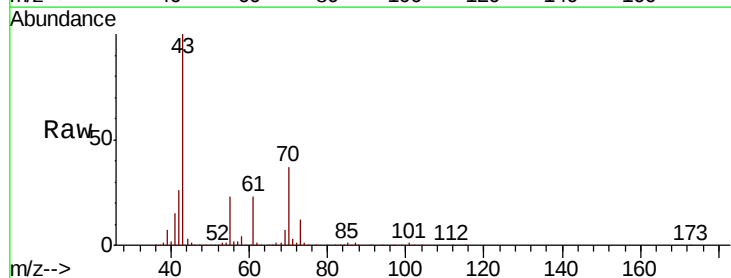
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

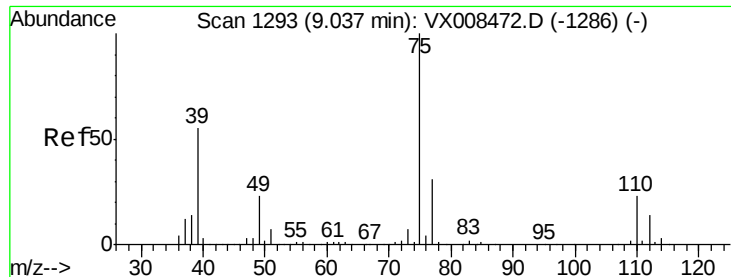
Tgt Ion: 41 Resp: 64845
Ion Ratio Lower Upper
41 100
69 71.8 44.2 132.6
39 50.5 29.9 89.8



#47
n-ethyl acetate
Concen: 17.146 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion: 43 Resp: 114093
Ion Ratio Lower Upper
43 100
55 22.7 20.8 31.2

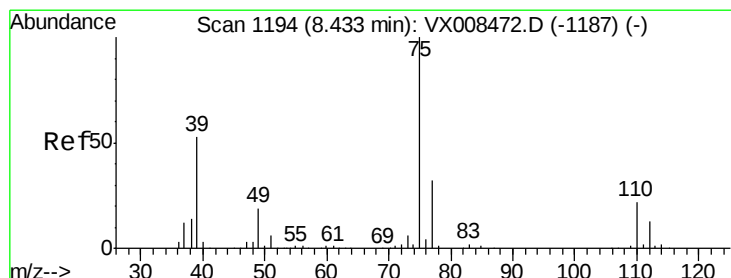
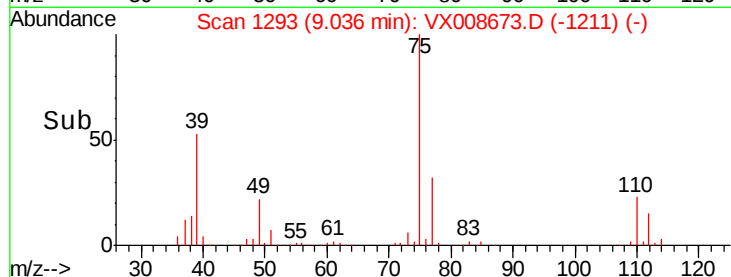
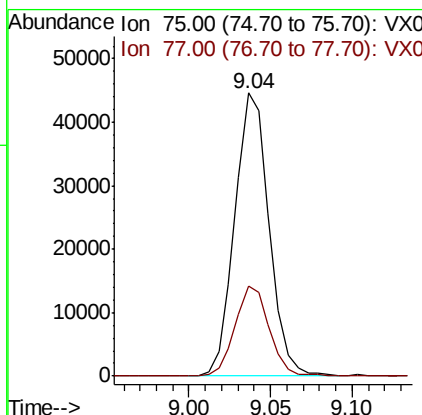
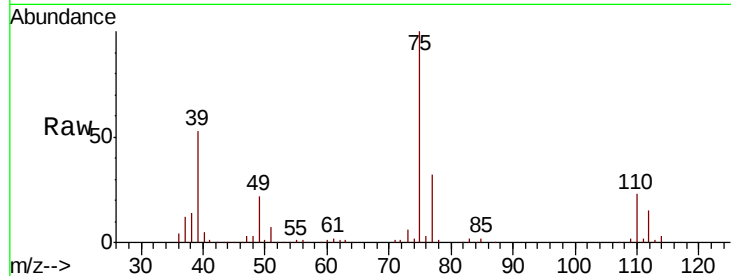




#48
 t-1,3-Dichloropropene
 Concen: 17.122 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

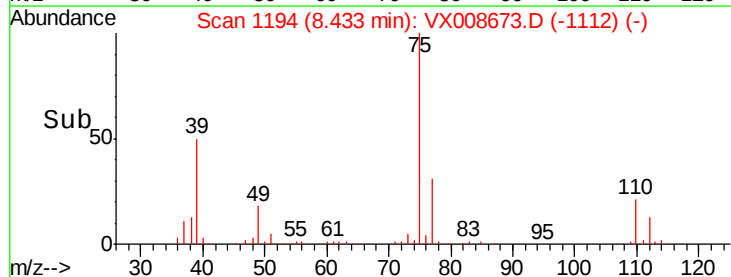
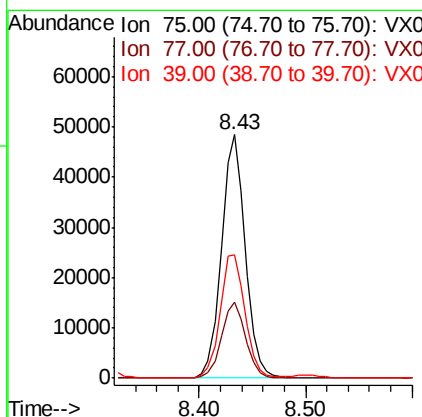
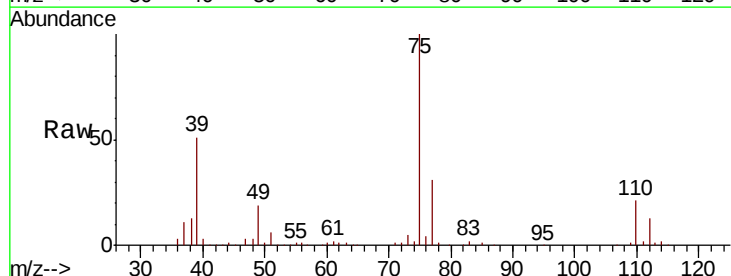
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

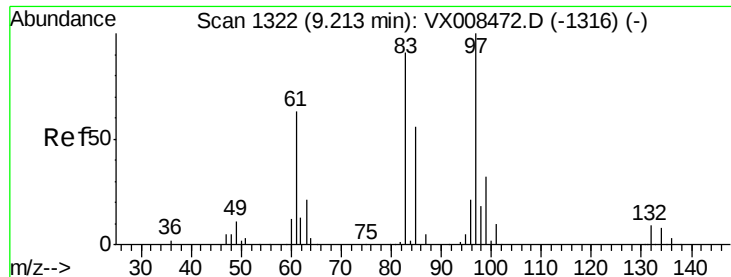
Tgt Ion: 75 Resp: 65374
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.5 36.7



#49
 cis-1,3-Dichloropropene
 Concen: 17.659 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 75 Resp: 75415
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4
 39 50.5 38.5 57.7





#50

1,1,2-Trichloroethane

Concen: 17.592 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 97 Resp: 44906

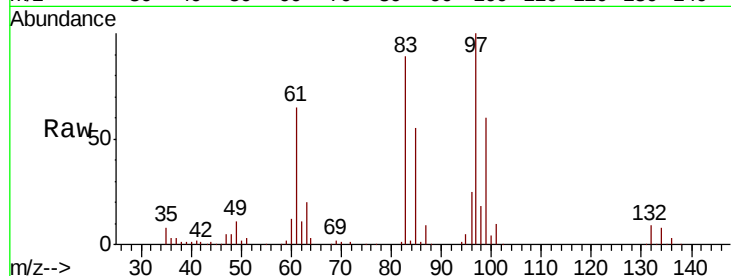
Ion Ratio Lower Upper

97 100

83 89.2 72.0 108.0

85 55.4 45.0 67.6

99 59.7 54.2 81.4

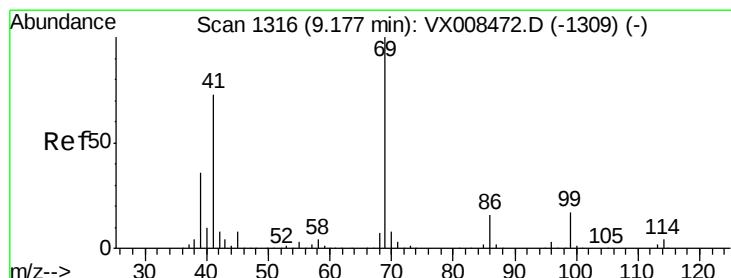
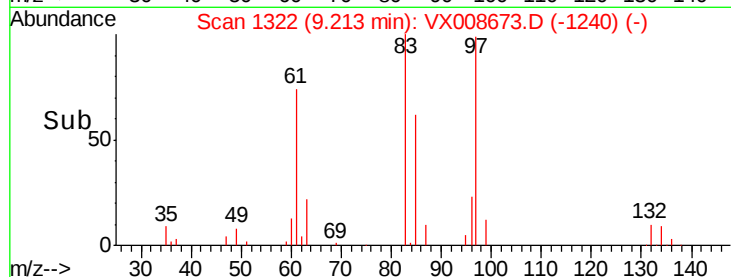
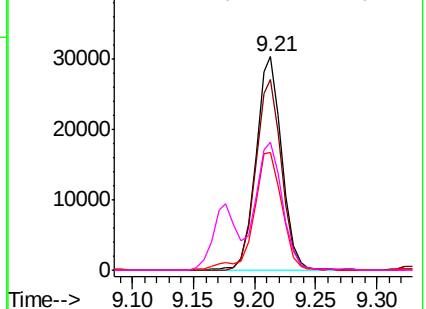


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0



#51

Ethyl methacrylate

Concen: 16.959 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

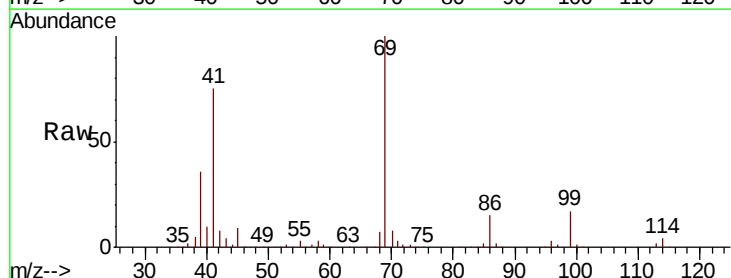
Tgt Ion: 69 Resp: 80559

Ion Ratio Lower Upper

69 100

41 74.7 32.1 96.5

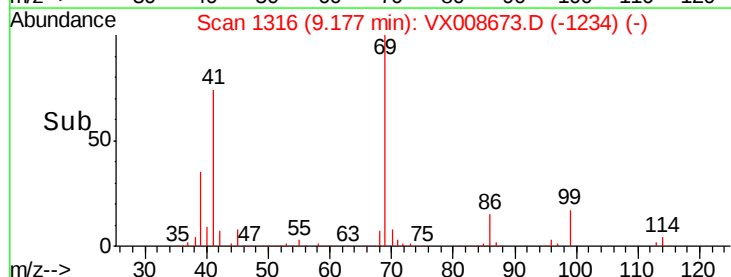
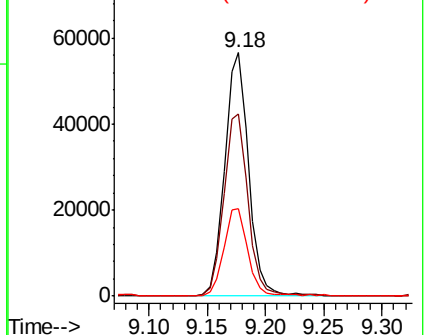
39 35.6 18.8 56.3

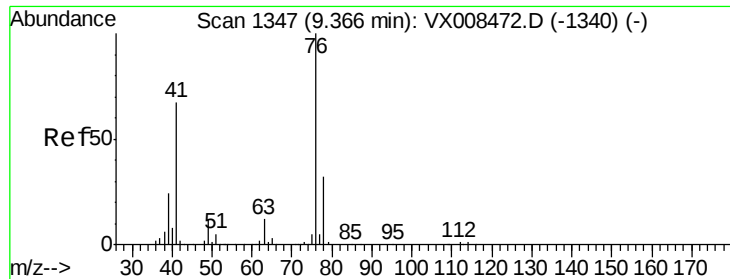


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#52

1,3-Dichloropropane

Concen: 17.433 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

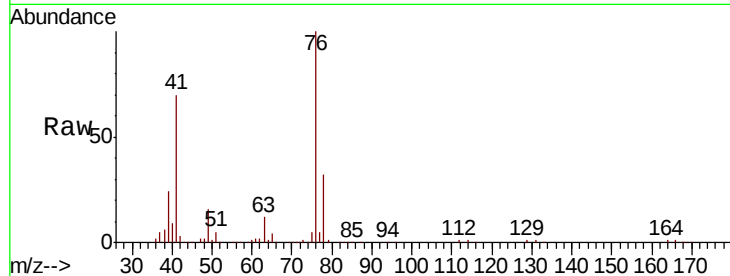
VSTDCCC020

Tgt Ion: 76 Resp: 79168

Ion Ratio Lower Upper

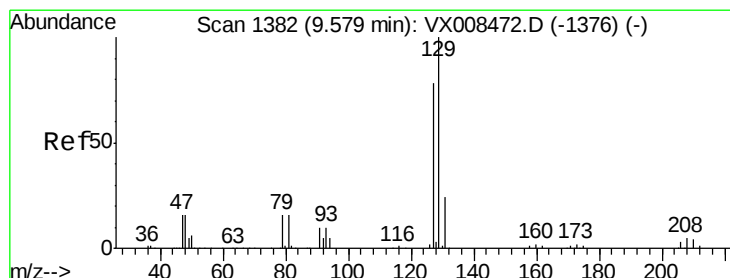
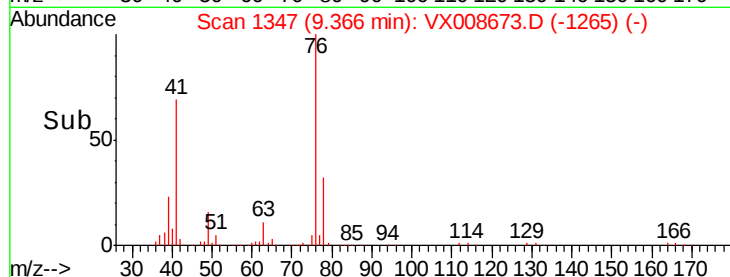
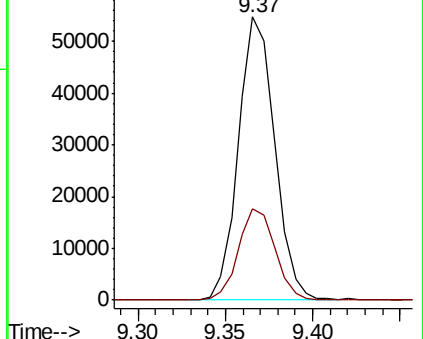
76 100

78 32.7 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: 17.014 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008673.D

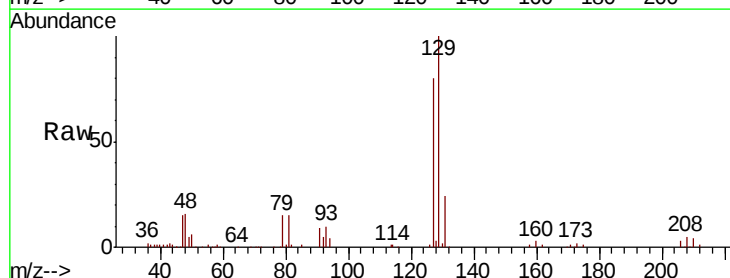
Acq: 05 Apr 2019 10:11

Tgt Ion: 129 Resp: 42738

Ion Ratio Lower Upper

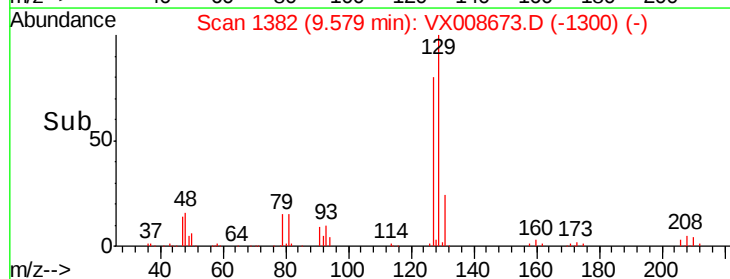
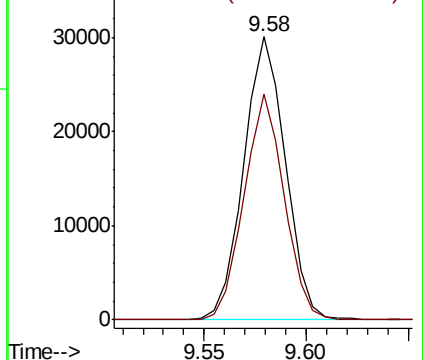
129 100

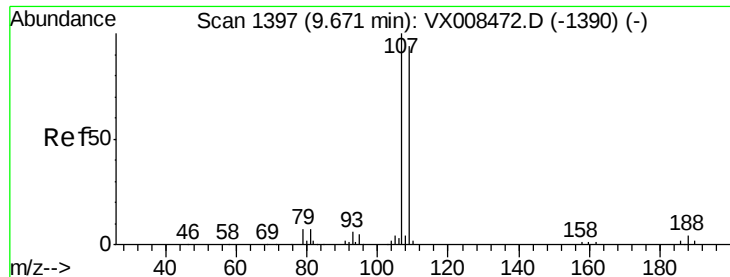
127 77.0 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#54

1,2-Dibromoethane

Concen: 17.354 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

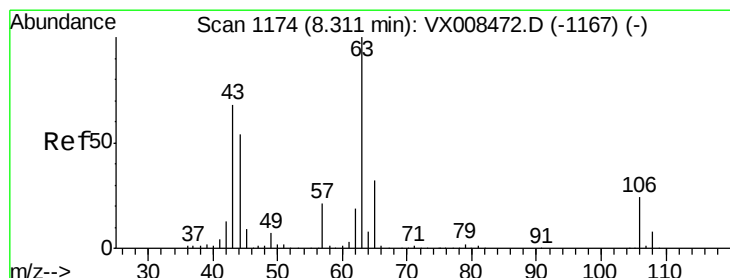
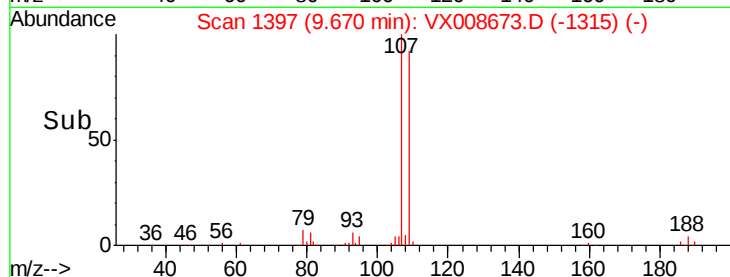
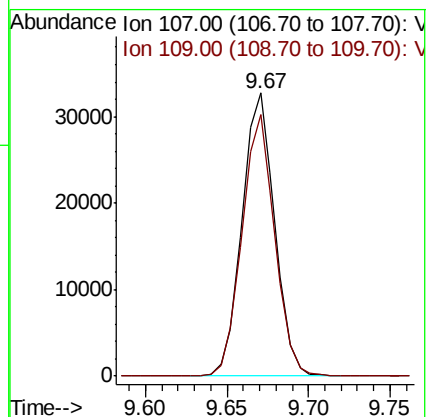
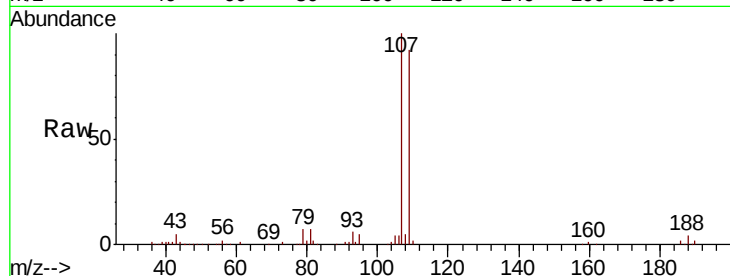
VSTDCCC020

Tgt Ion:107 Resp: 45666

Ion Ratio Lower Upper

107 100

109 92.6 76.6 115.0



#55

2-Chloroethyl vinyl ether

Concen: 114.951 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

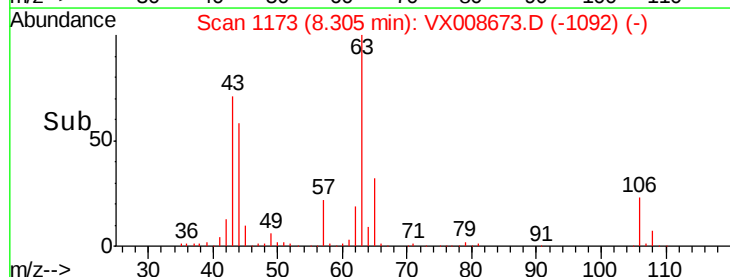
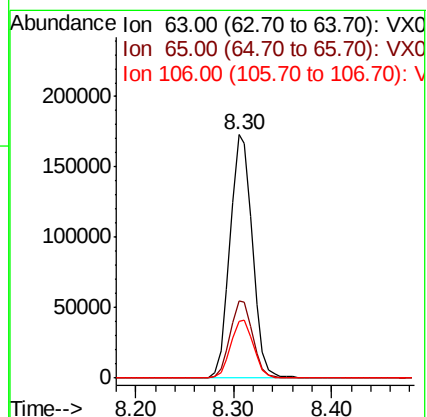
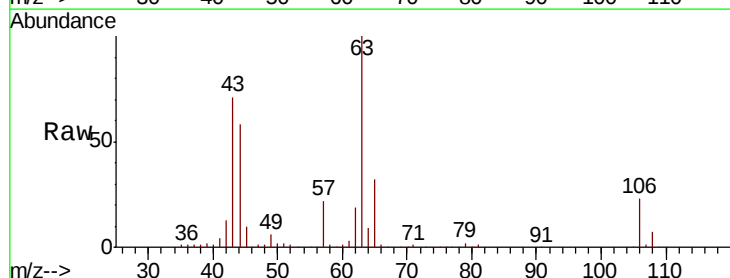
Tgt Ion: 63 Resp: 275477

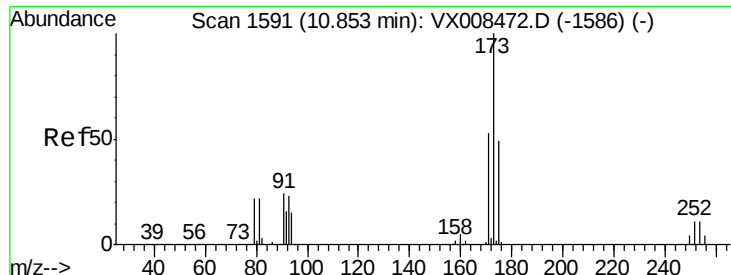
Ion Ratio Lower Upper

63 100

65 32.1 25.7 38.5

106 24.1 23.7 35.5

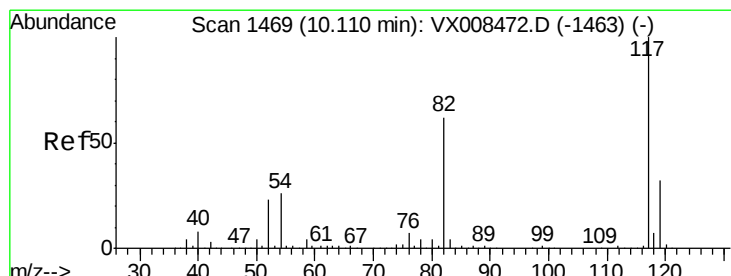
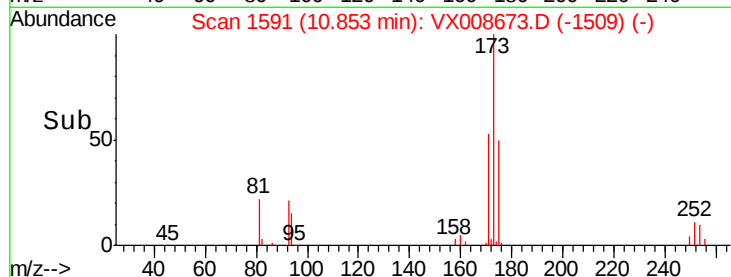
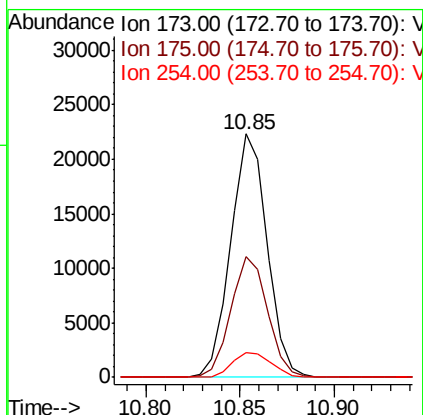
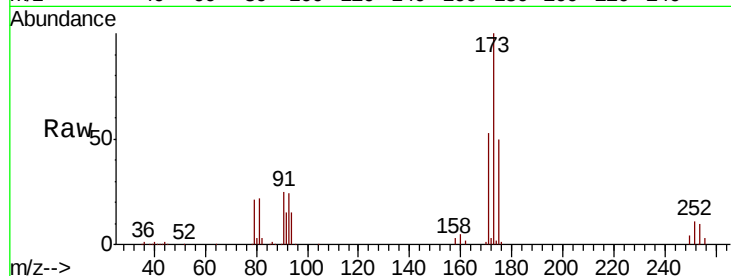




#56
Bromoform
Concen: 16.379 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

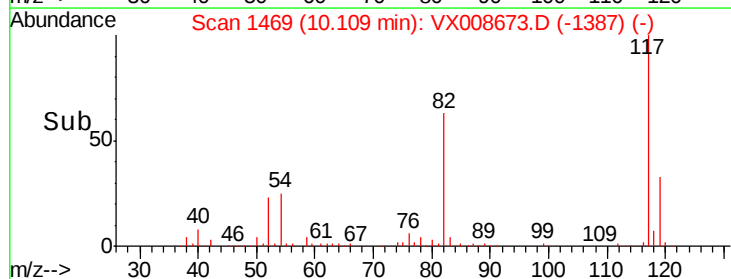
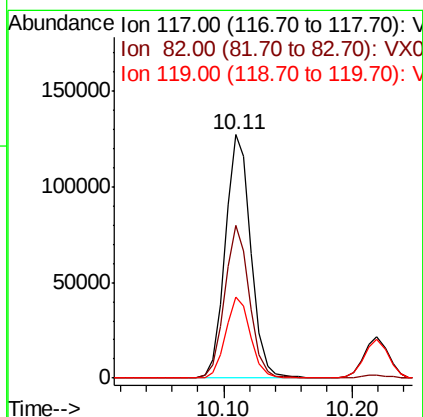
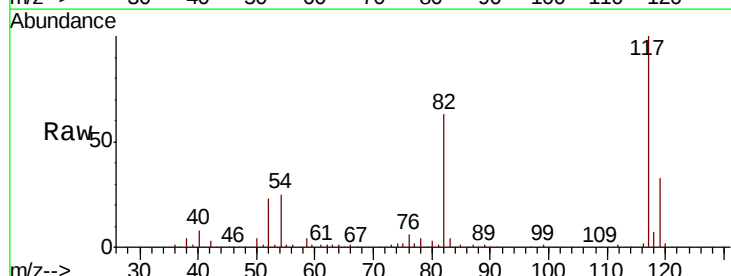
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

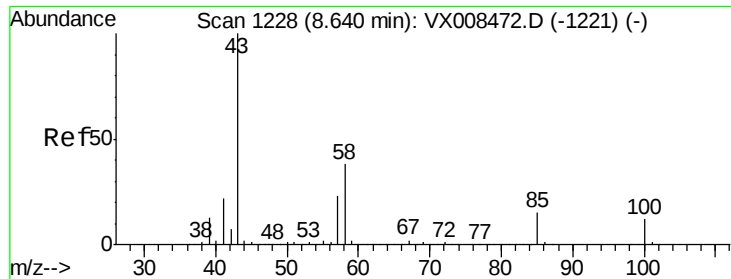
Tgt Ion:173 Resp: 29985
Ion Ratio Lower Upper
173 100
175 49.9 38.5 57.7
254 10.7 7.4 11.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion:117 Resp: 177717
Ion Ratio Lower Upper
117 100
82 60.7 40.4 60.6#
119 32.3 25.8 38.6

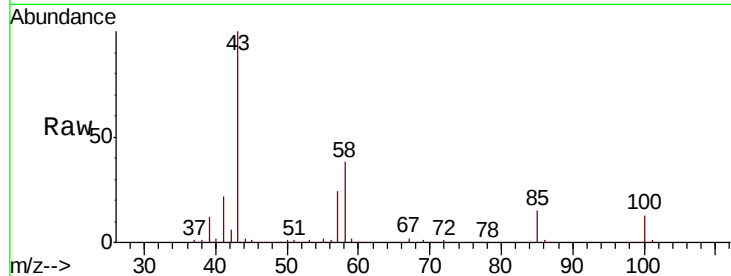




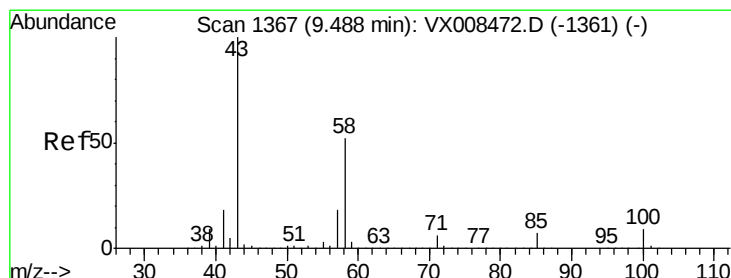
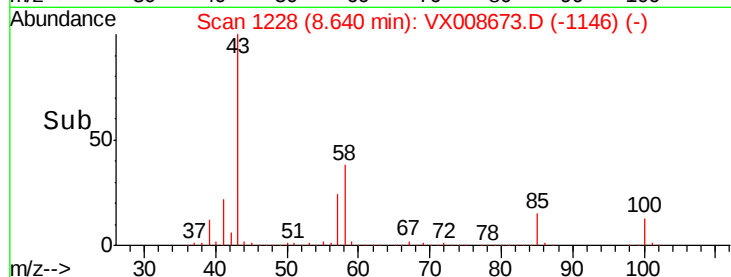
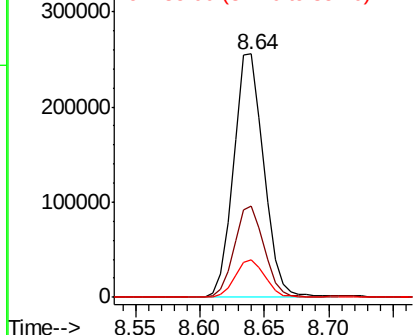
#58
 4-Methyl-2-Pentanone
 Concen: 89.551 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 43 Resp: 419859
 Ion Ratio Lower Upper
 43 100
 58 36.9 31.4 47.0
 85 15.0 15.0 22.6#

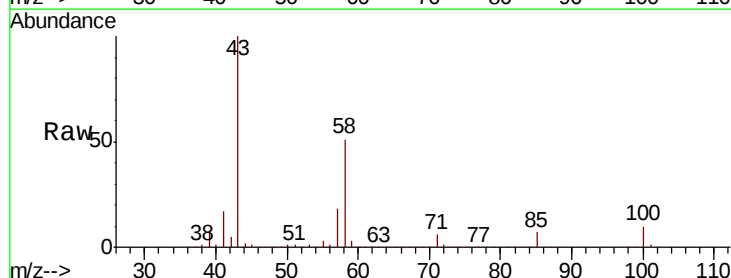


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0
 Ion 85.00 (84.70 to 85.70): VX0

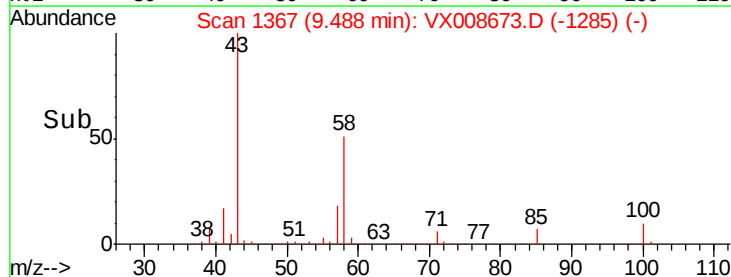
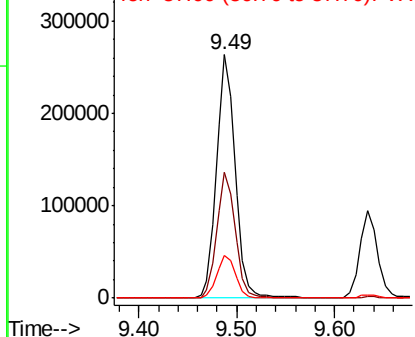


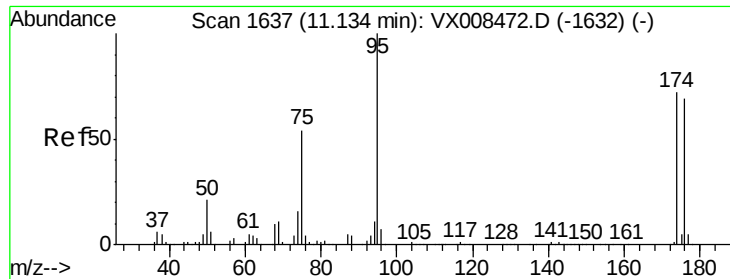
#59
 2-Hexanone
 Concen: 94.437 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 43 Resp: 349806
 Ion Ratio Lower Upper
 43 100
 58 51.1 43.9 65.9
 57 17.7 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

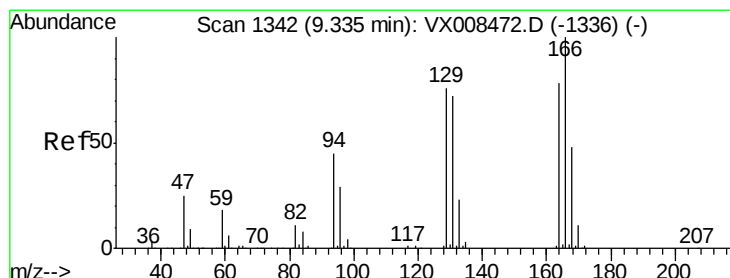
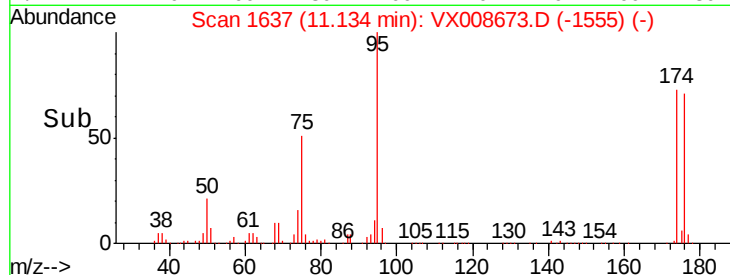
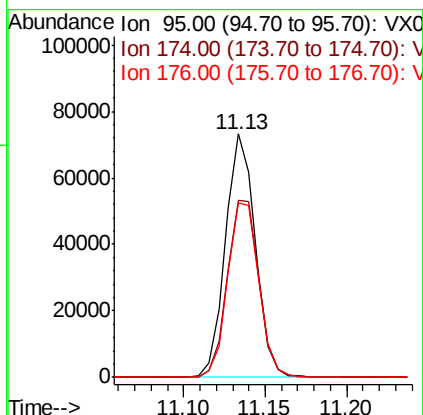
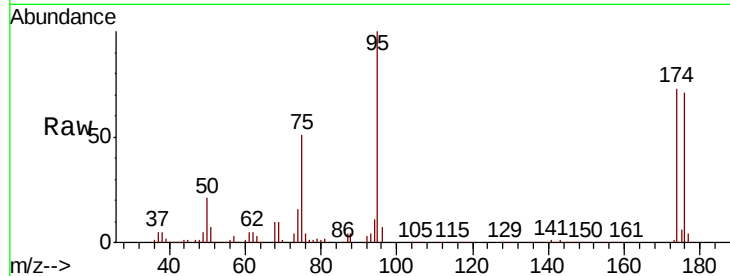




#60
 4-Bromofluorobenzene
 Concen: 30.047 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

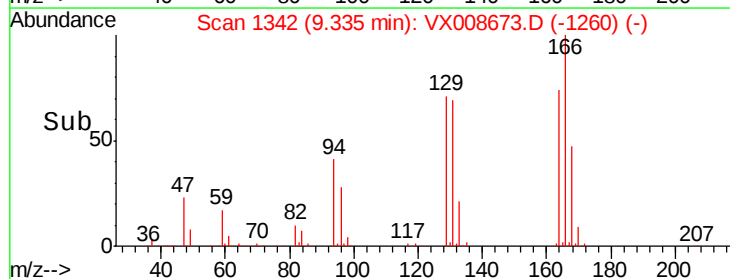
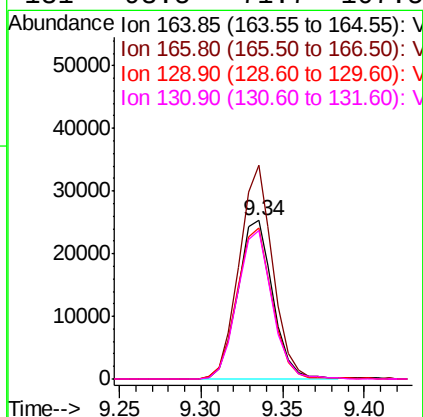
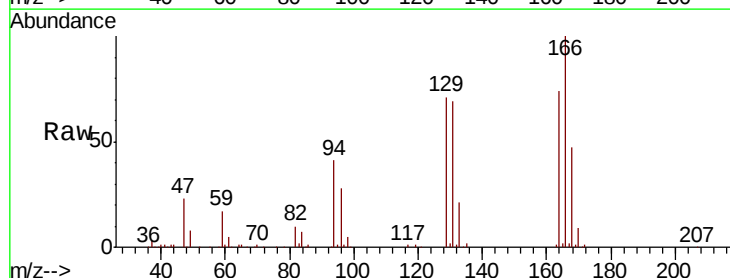
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

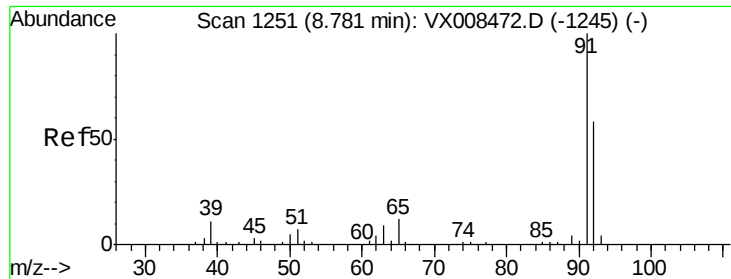
Tgt Ion: 95 Resp: 93038
 Ion Ratio Lower Upper
 95 100
 174 76.9 74.9 112.3
 176 74.8 70.7 106.1



#61
 Tetrachloroethene
 Concen: 19.509 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 164 Resp: 37924
 Ion Ratio Lower Upper
 164 100
 166 134.7 103.9 155.9
 129 95.3 74.7 112.1
 131 93.5 71.7 107.5





#62

Toluene

Concen: 18.013 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

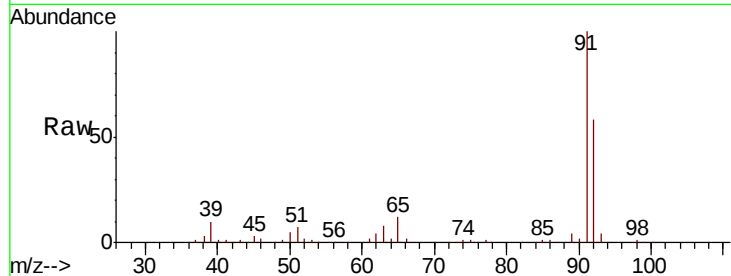
VSTDCCC020

Tgt Ion: 91 Resp: 193815

Ion Ratio Lower Upper

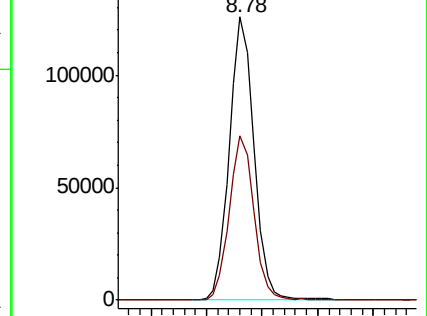
91 100

92 57.5 46.4 69.6

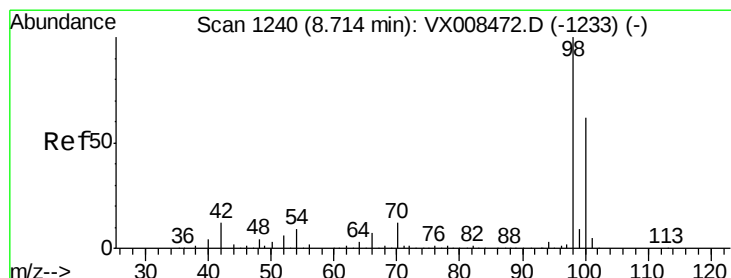
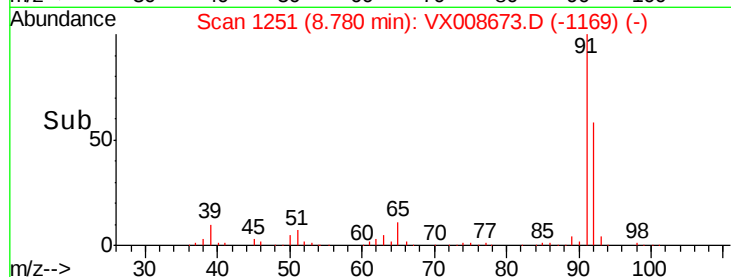


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



Time-->



#63

Toluene-d8

Concen: 30.306 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008673.D

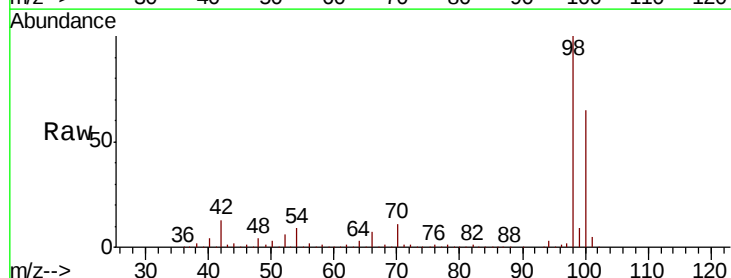
Acq: 05 Apr 2019 10:11

Tgt Ion: 98 Resp: 255656

Ion Ratio Lower Upper

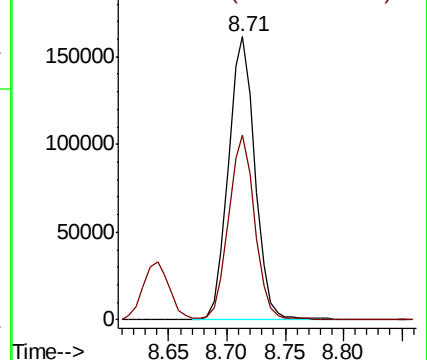
98 100

100 63.7 50.9 76.3

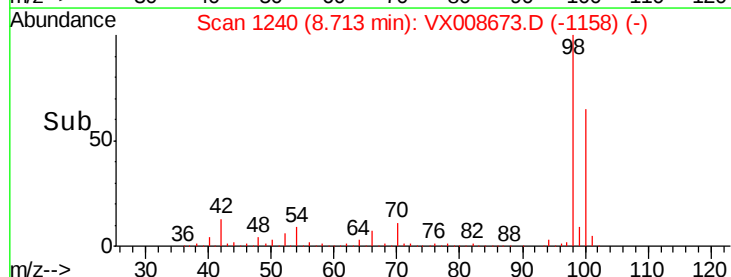


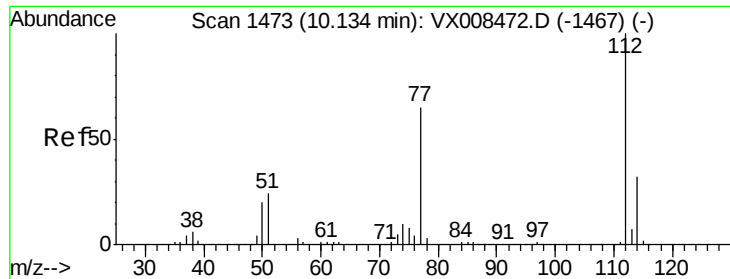
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->

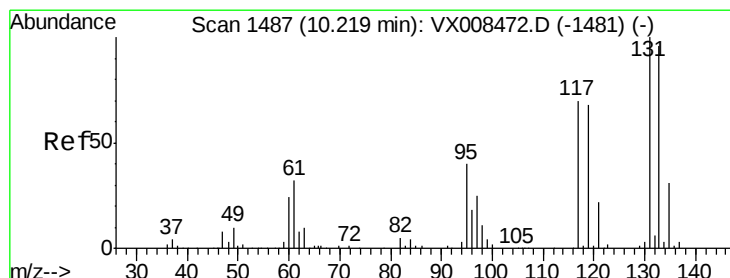
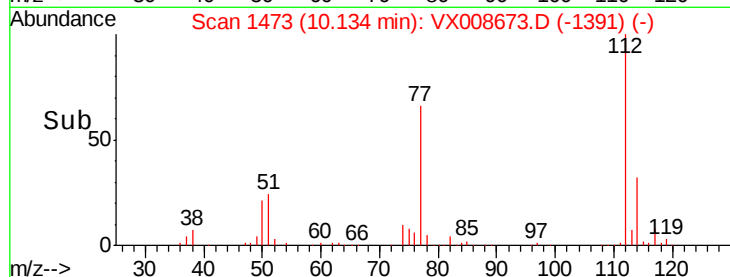
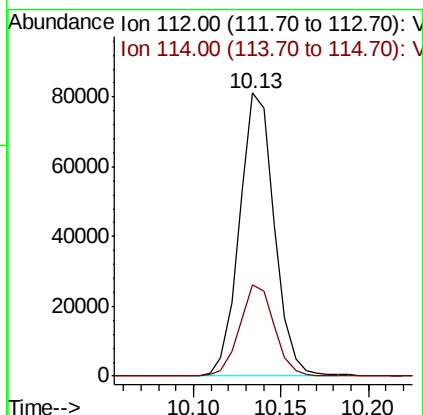
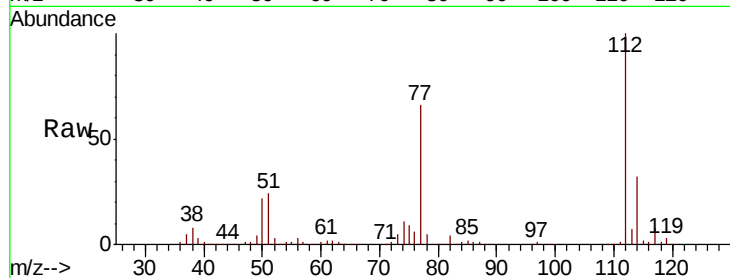




#64
Chlorobenzene
Concen: 17.826 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

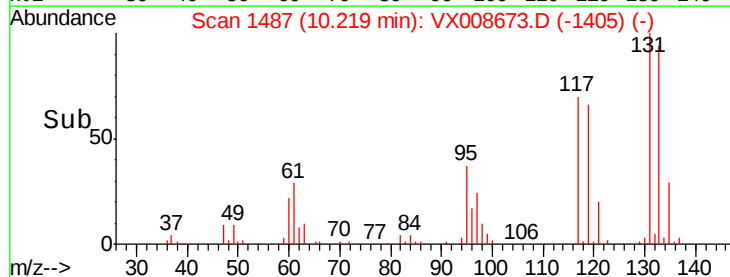
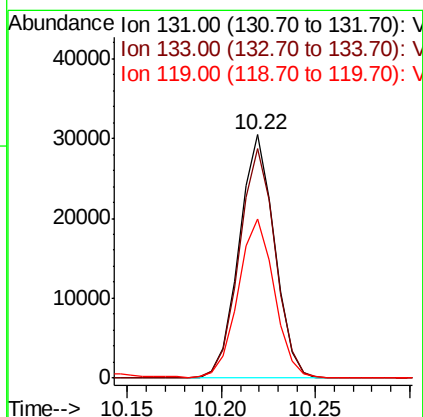
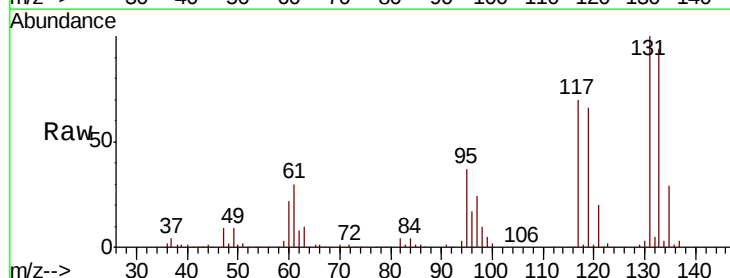
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

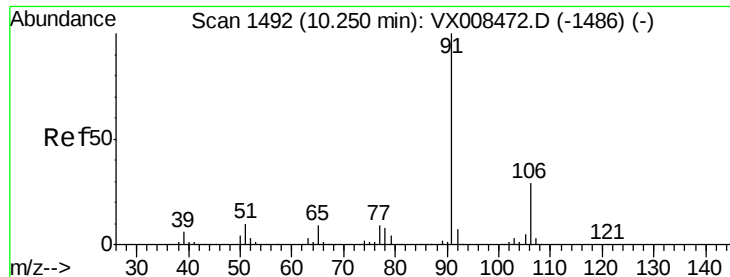
Tgt Ion:112 Resp: 112388
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#65
1,1,1,2-Tetrachloroethane
Concen: 17.919 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion:131 Resp: 39832
Ion Ratio Lower Upper
131 100
133 95.8 0.0 191.6
119 67.0 0.0 127.4





#66

Ethyl Benzene

Concen: 17.860 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampled :

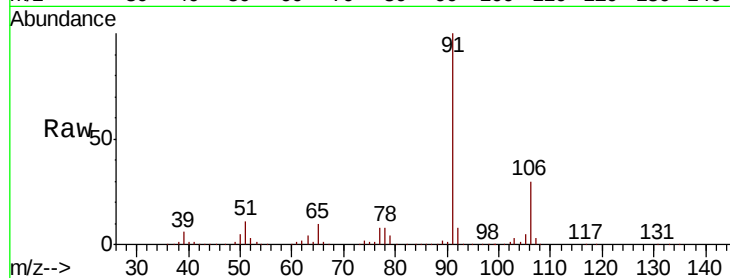
VSTDCCC020

Tgt Ion: 91 Resp: 213304

Ion Ratio Lower Upper

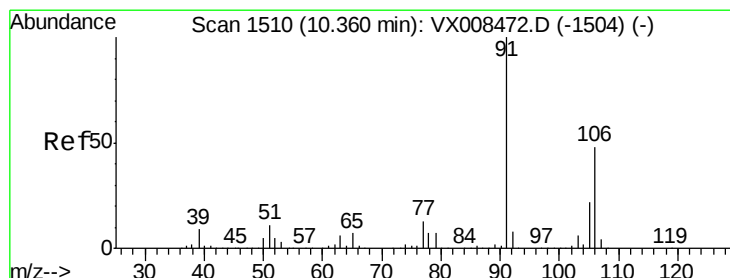
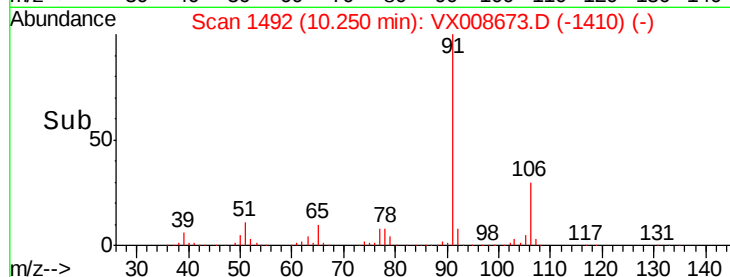
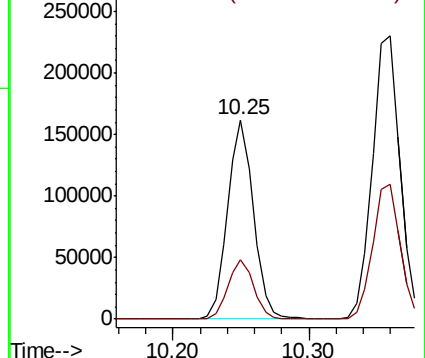
91 100

106 29.7 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#67

m/p-Xylenes

Concen: 35.599 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008673.D

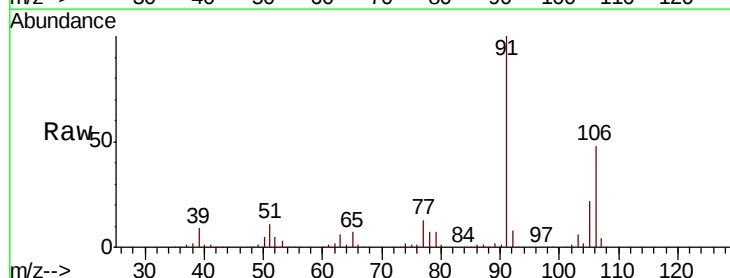
Acq: 05 Apr 2019 10:11

Tgt Ion: 106 Resp: 155076

Ion Ratio Lower Upper

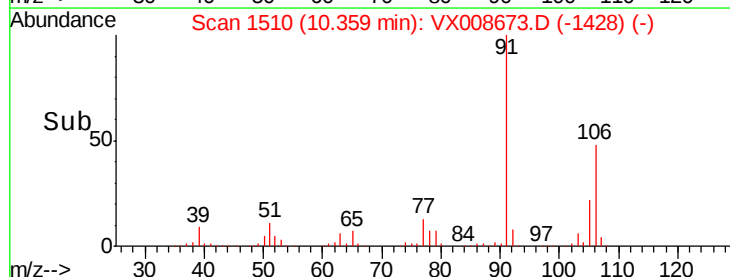
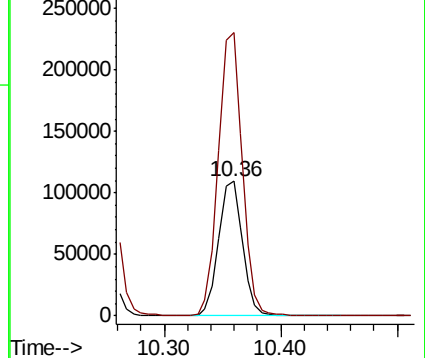
106 100

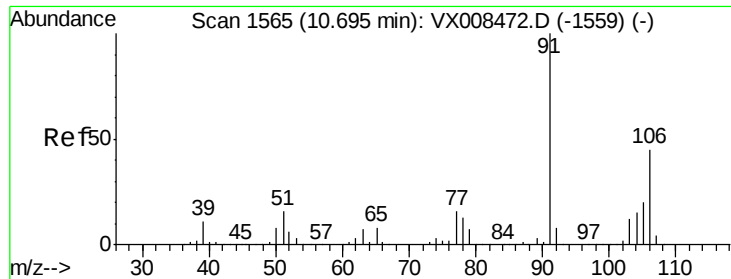
91 210.2 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

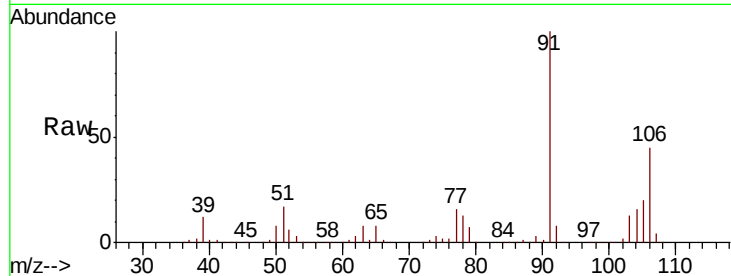




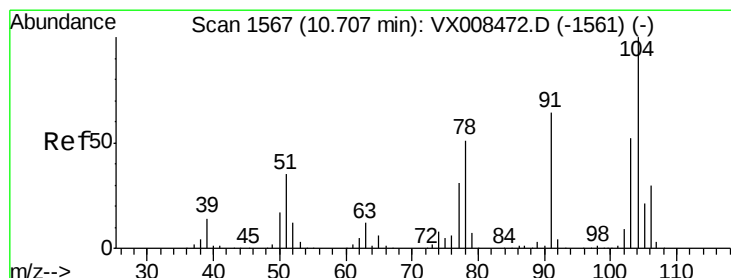
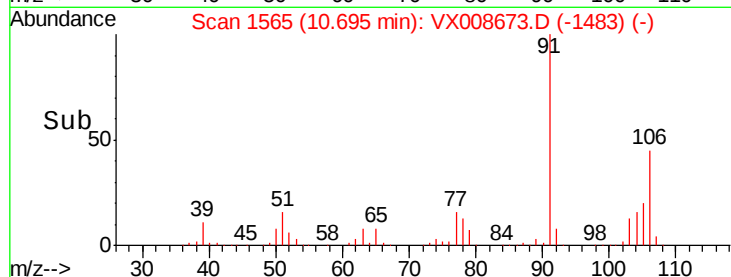
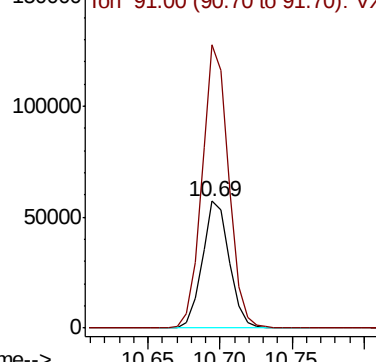
#68
o-Xylene
Concen: 17.657 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 75269
Ion Ratio Lower Upper
106 100
91 219.7 104.4 313.2

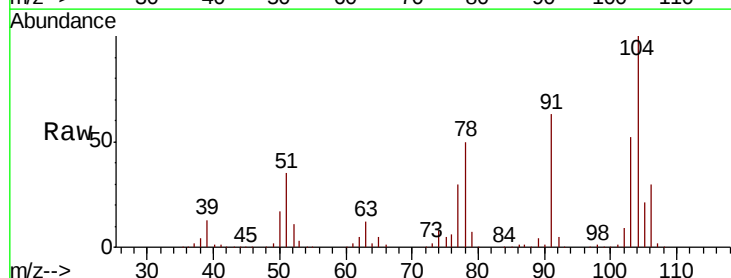


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

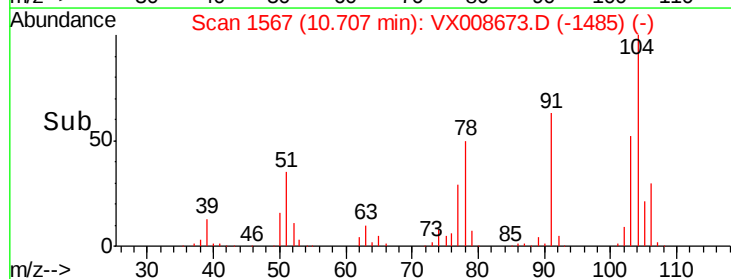
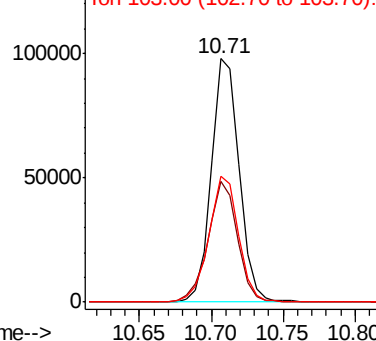


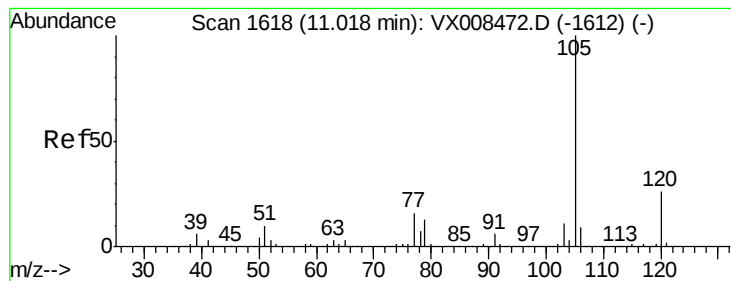
#69
Styrene
Concen: 17.713 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion:104 Resp: 131384
Ion Ratio Lower Upper
104 100
78 52.3 38.2 57.2
103 55.3 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: 18.046 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

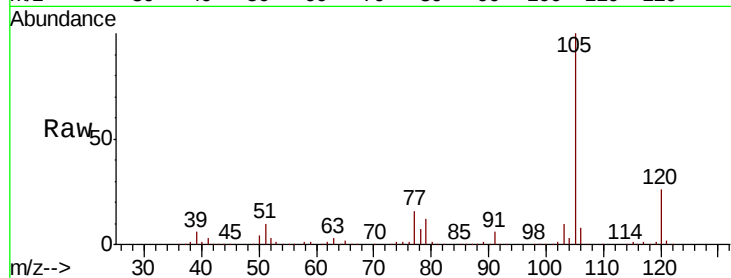
VSTDCCC020

Tgt Ion: 105 Resp: 202921

Ion Ratio Lower Upper

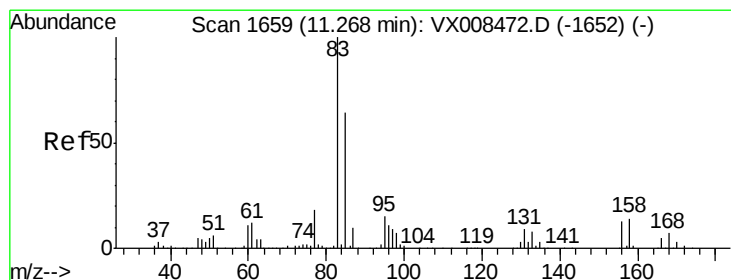
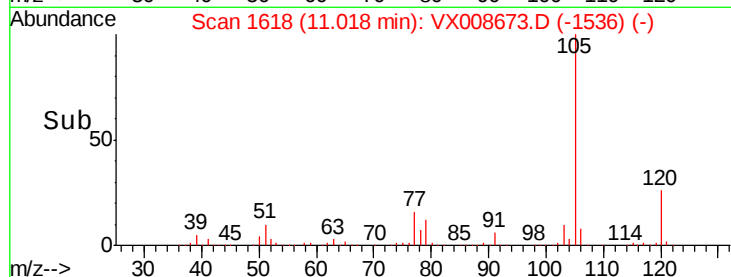
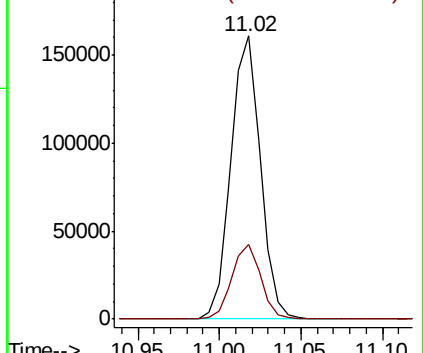
105 100

120 25.9 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 17.446 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

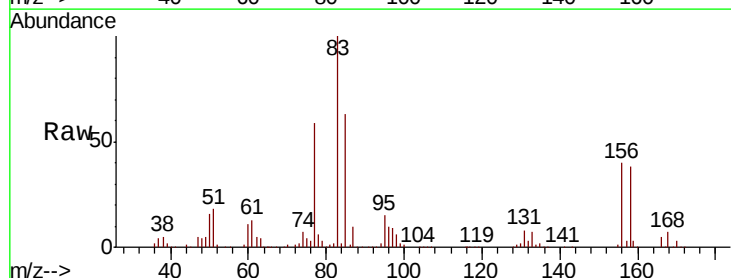
Tgt Ion: 83 Resp: 73284

Ion Ratio Lower Upper

83 100

131 9.0 5.4 16.2

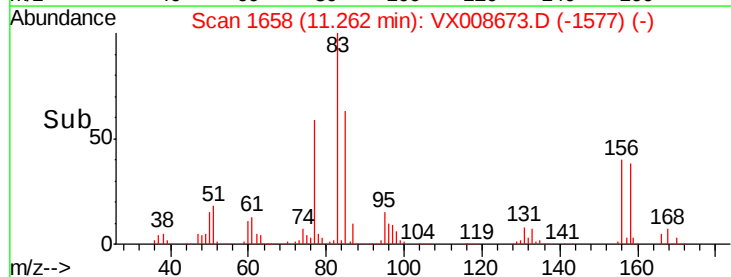
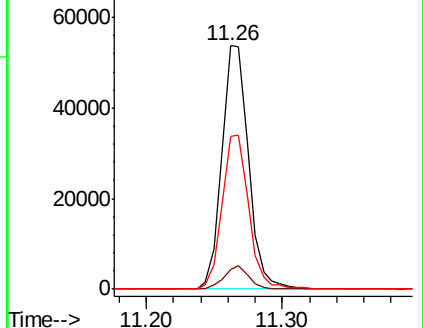
85 63.1 32.8 98.4

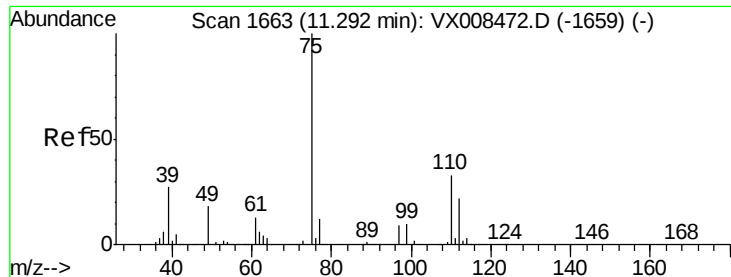


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0





#72

1,2,3-Trichloropropane

Concen: 23.564 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

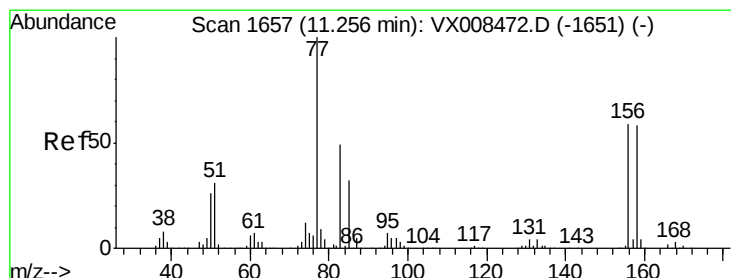
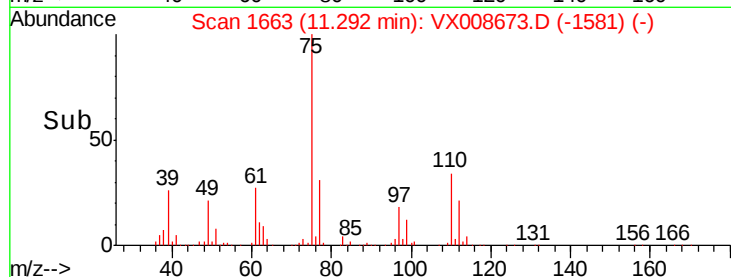
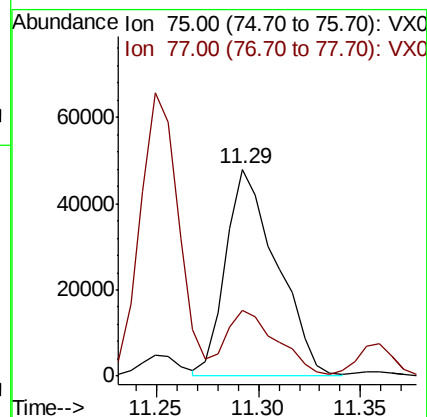
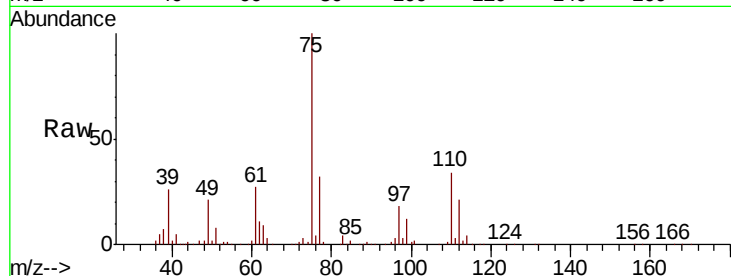
VSTDCCC020

Tgt Ion: 75 Resp: 83669

Ion Ratio Lower Upper

75 100

77 32.1 0.0 76.4



#73

Bromobenzene

Concen: 17.856 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

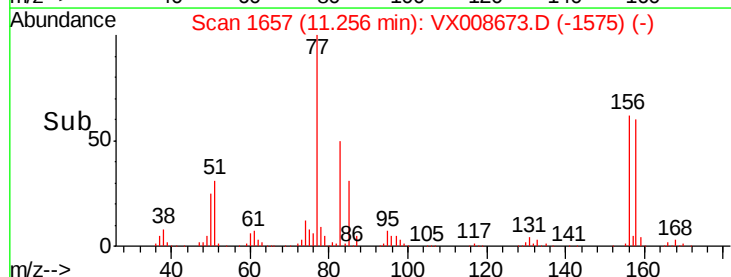
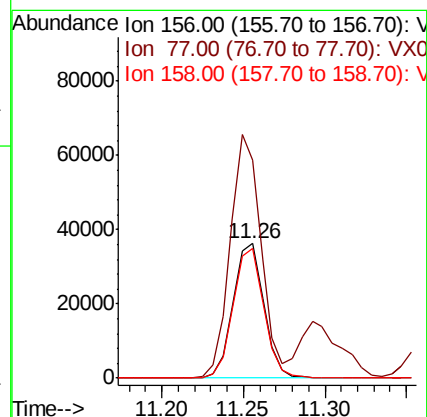
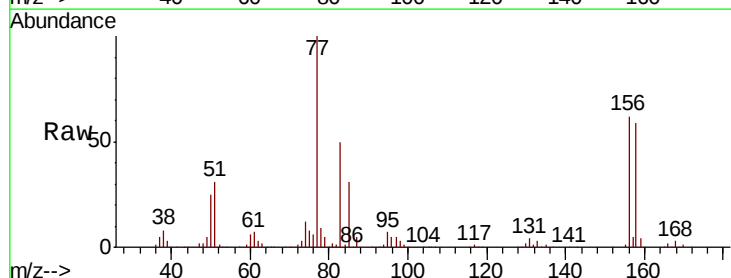
Tgt Ion: 156 Resp: 47769

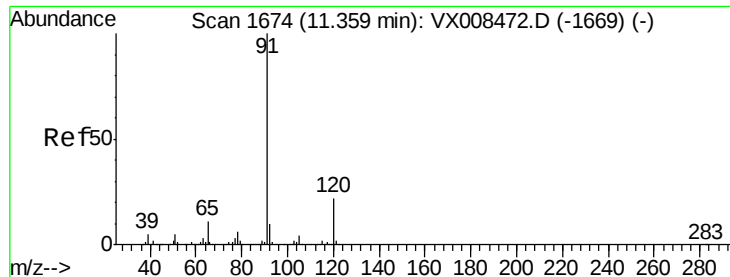
Ion Ratio Lower Upper

156 100

77 179.7 0.0 271.4

158 96.1 0.0 194.0





#74

n-propylbenzene

Concen: 17.768 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

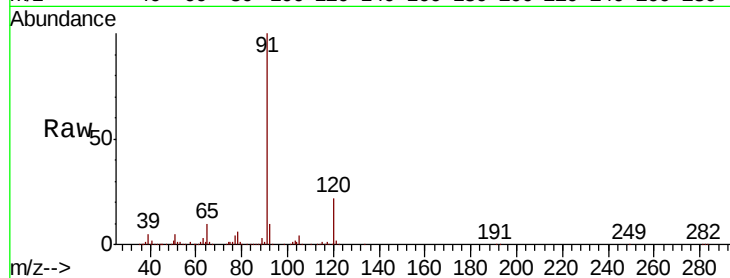
VSTDCCC020

Tgt Ion: 91 Resp: 238015

Ion Ratio Lower Upper

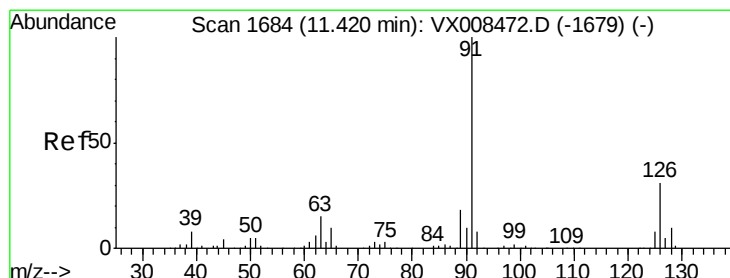
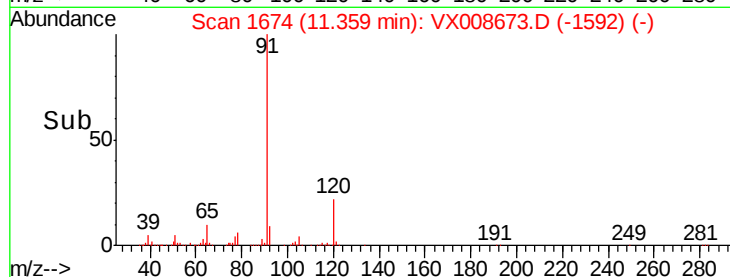
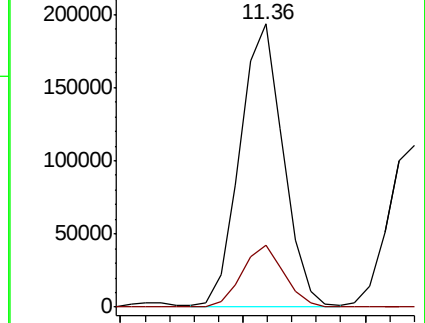
91 100

120 21.3 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: 17.689 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008673.D

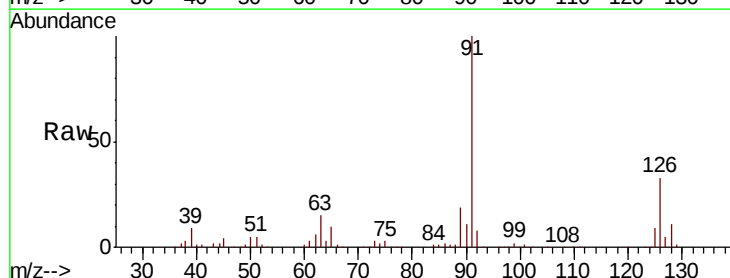
Acq: 05 Apr 2019 10:11

Tgt Ion: 91 Resp: 140975

Ion Ratio Lower Upper

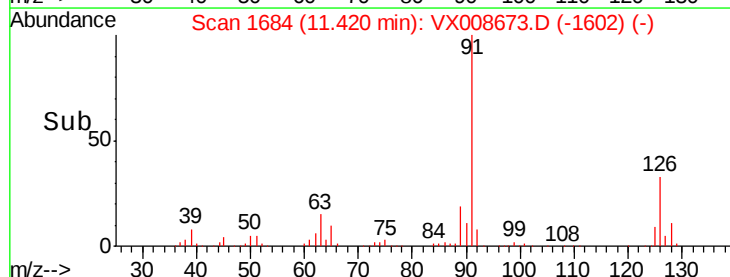
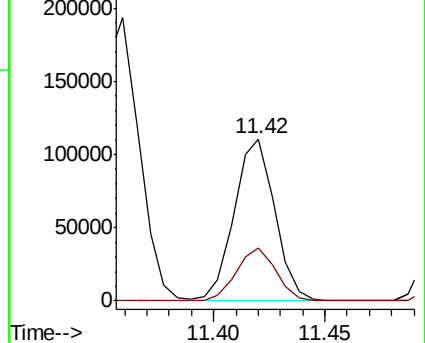
91 100

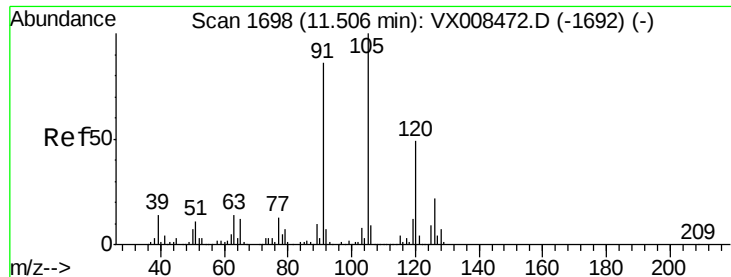
126 32.2 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

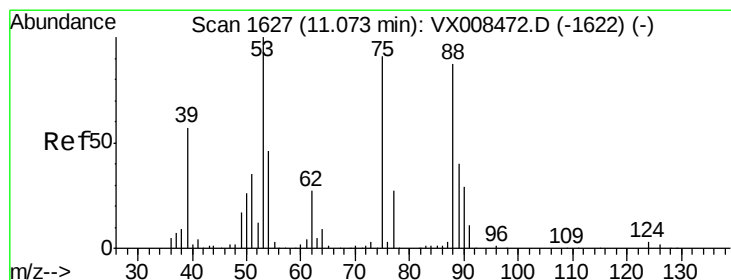
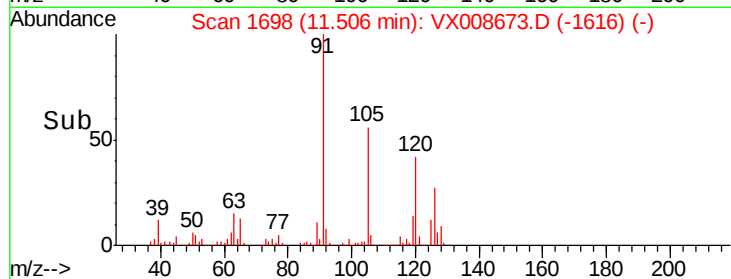
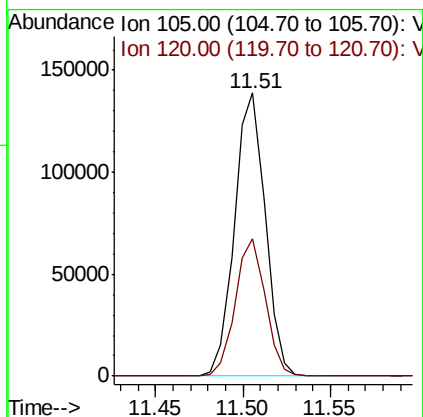
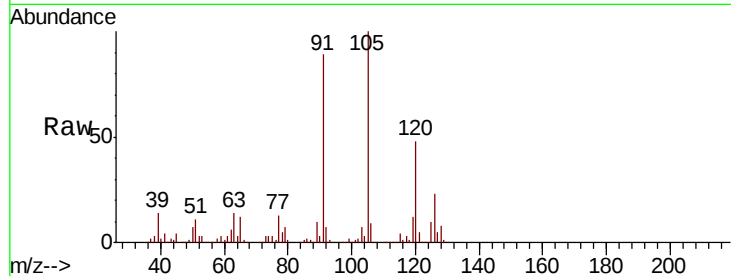




#76
 1,3,5-Trimethylbenzene
 Concen: 17.655 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

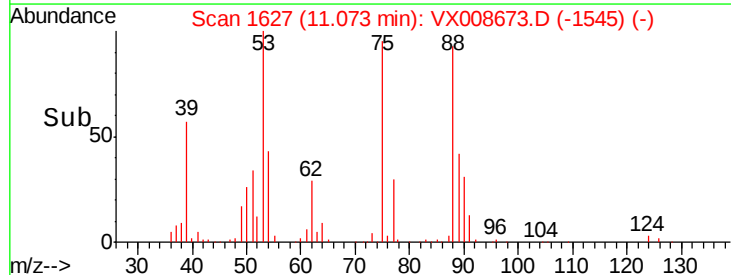
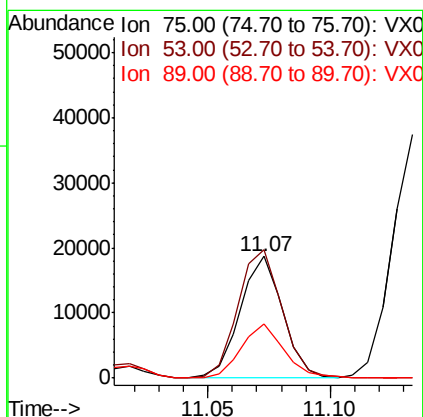
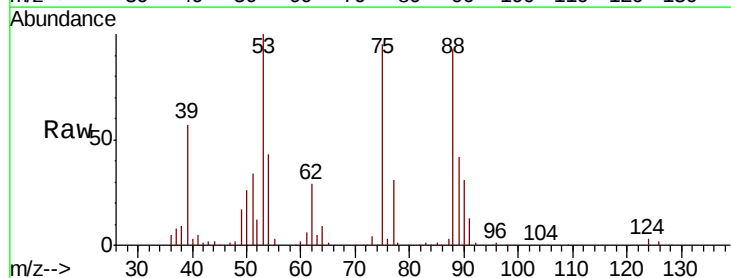
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

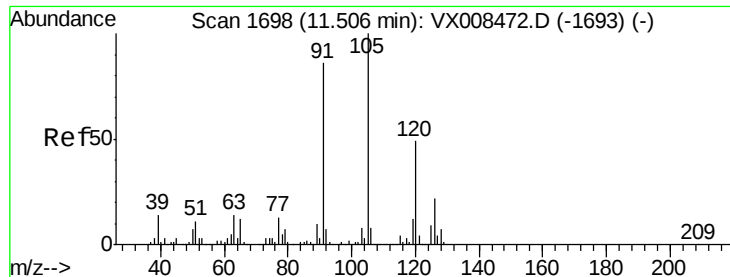
Tgt Ion:105 Resp: 169731
 Ion Ratio Lower Upper
 105 100
 120 47.5 0.0 101.0



#77
 t-1,4-Dichloro-2-butene
 Concen: 16.635 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 75 Resp: 22657
 Ion Ratio Lower Upper
 75 100
 53 105.6 55.5 166.7
 89 44.5 24.4 73.2





#78

4-Chlorotoluene

Concen: 17.542 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

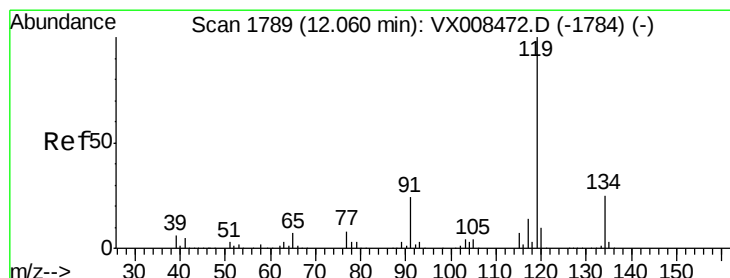
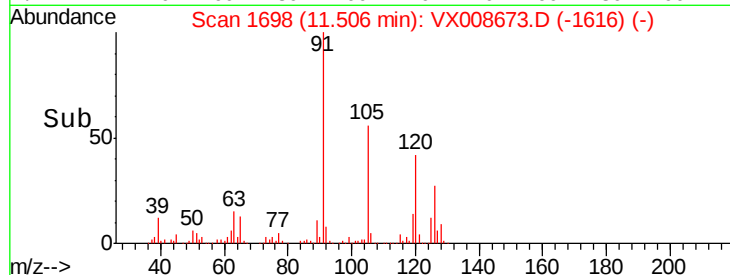
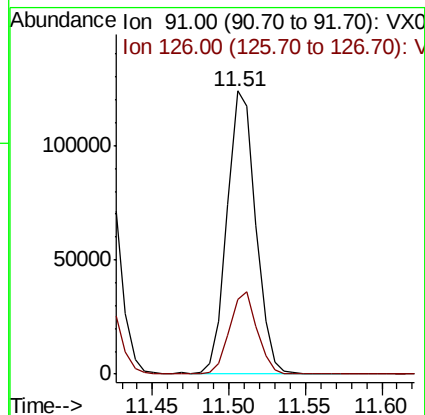
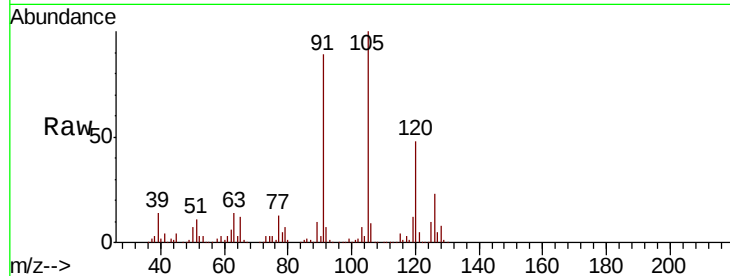
VSTDCCC020

Tgt Ion: 91 Resp: 160905

Ion Ratio Lower Upper

91 100

126 28.0 0.0 66.2



#79

tert-butylbenzene

Concen: 17.831 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

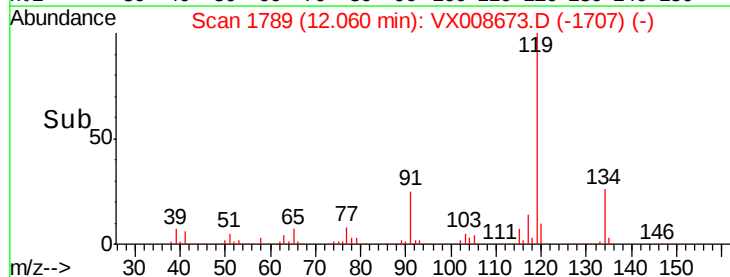
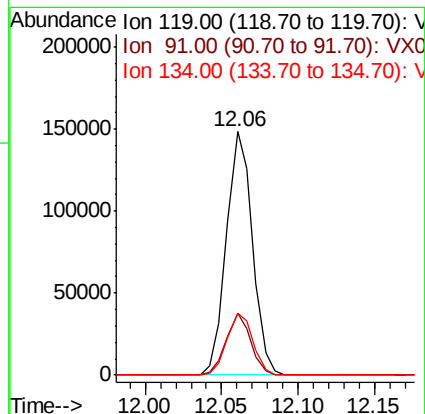
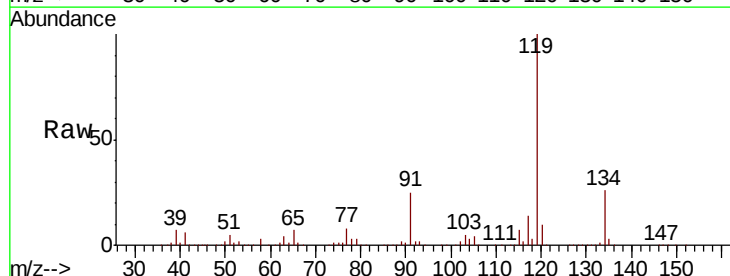
Tgt Ion: 119 Resp: 175184

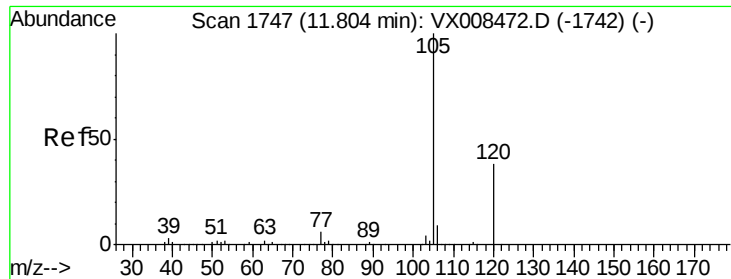
Ion Ratio Lower Upper

119 100

91 24.1 0.0 45.0

134 25.6 0.0 55.4

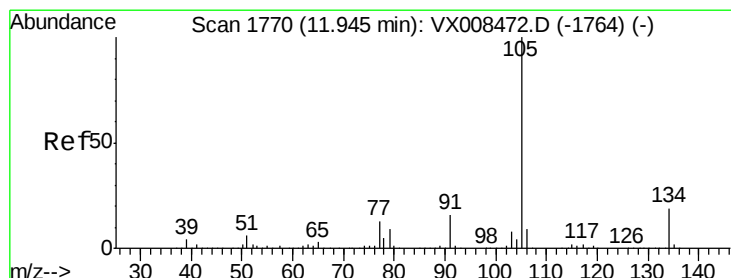
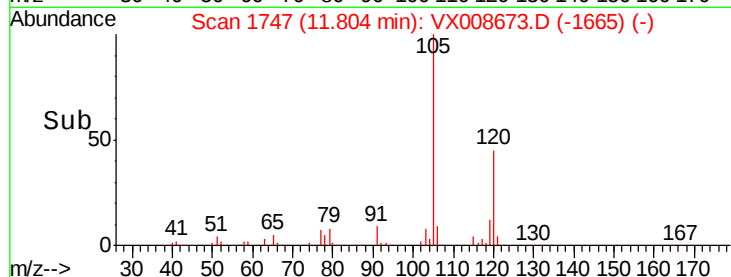
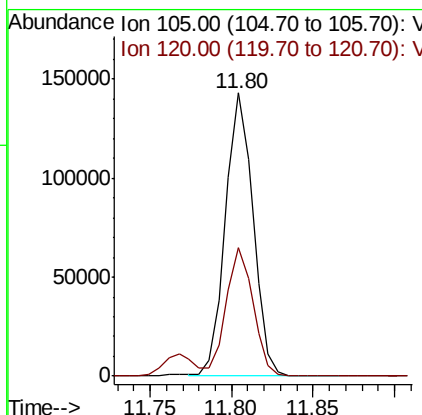
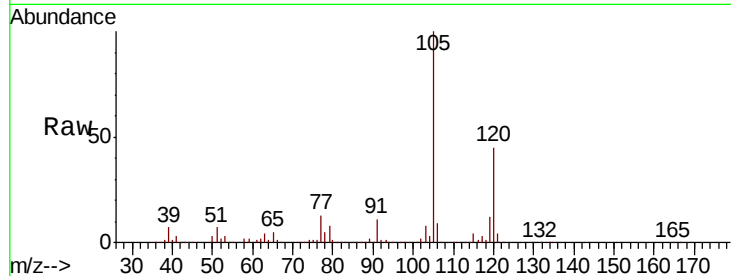




#80
 1,2,4-Trimethylbenzene
 Concen: 17.600 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

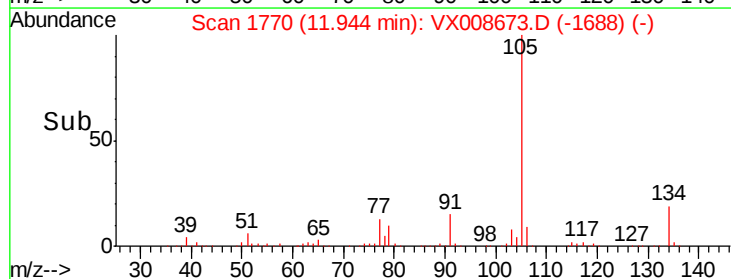
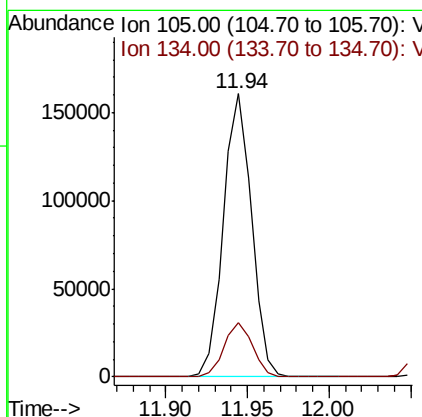
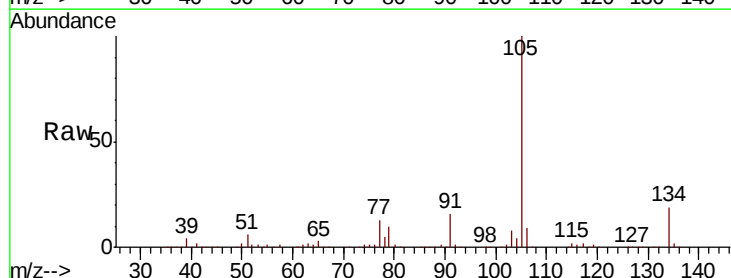
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

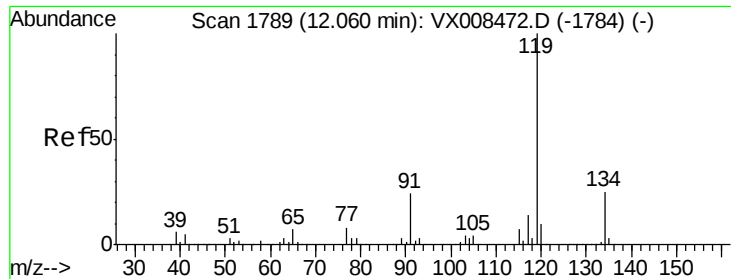
Tgt Ion:105 Resp: 168703
 Ion Ratio Lower Upper
 105 100
 120 43.7 0.0 94.0



#81
 sec-Butylbenzene
 Concen: 17.539 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion:105 Resp: 192654
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 41.8





#82

p-Isopropyltoluene

Concen: 17.831 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

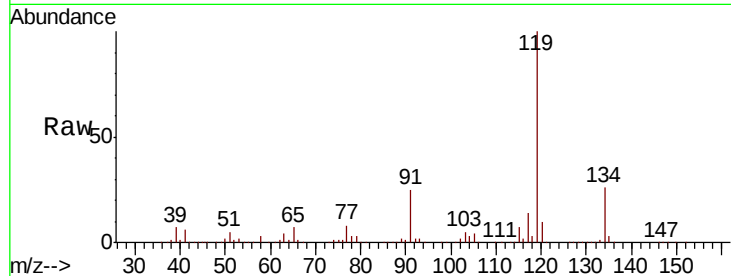
Tgt Ion:119 Resp: 175184

Ion Ratio Lower Upper

119 100

134 25.6 0.0 55.4

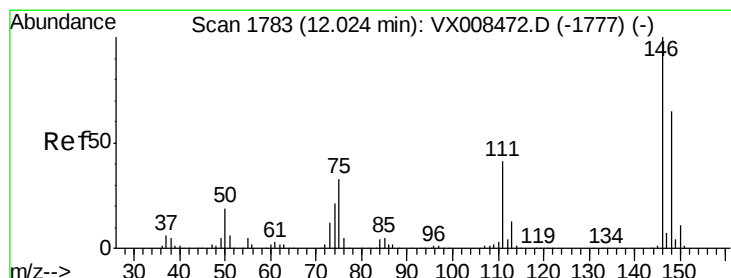
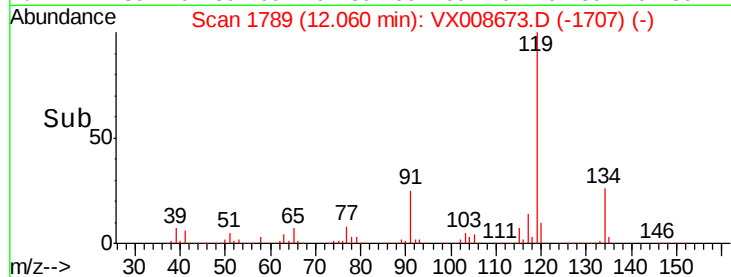
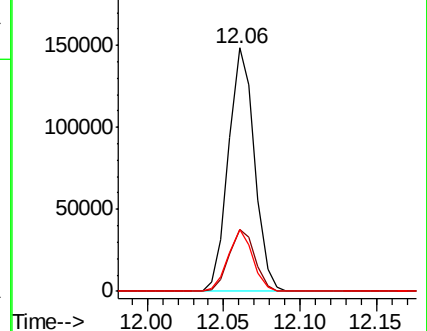
91 24.1 0.0 45.0



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: 17.872 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

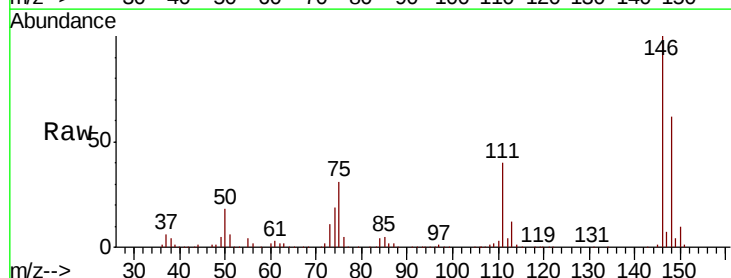
Tgt Ion:146 Resp: 84885

Ion Ratio Lower Upper

146 100

111 41.0 18.8 56.3

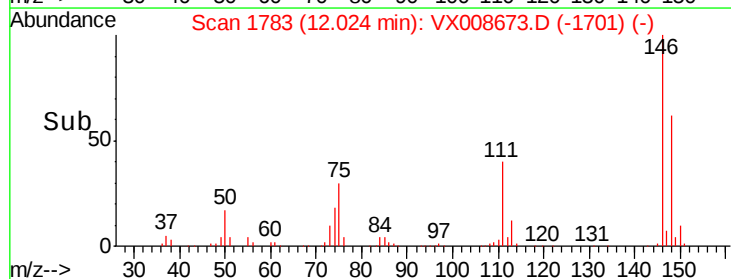
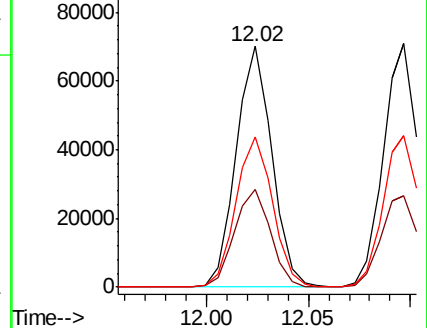
148 64.2 30.6 91.8

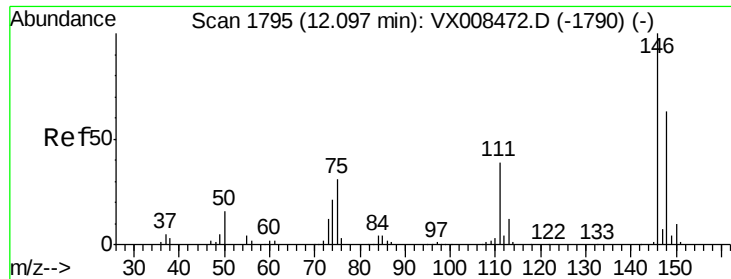


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#84

1,4-Dichlorobenzene

Concen: 17.905 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

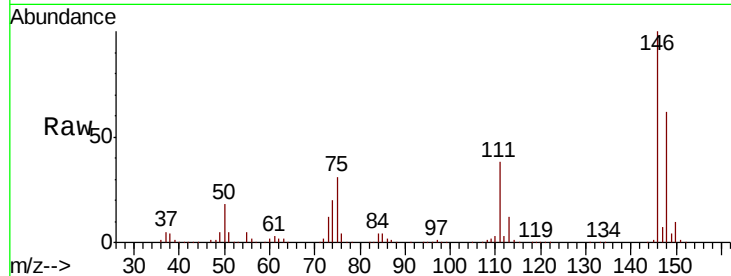
Tgt Ion:146 Resp: 84982

Ion Ratio Lower Upper

146 100

111 39.3 17.6 52.8

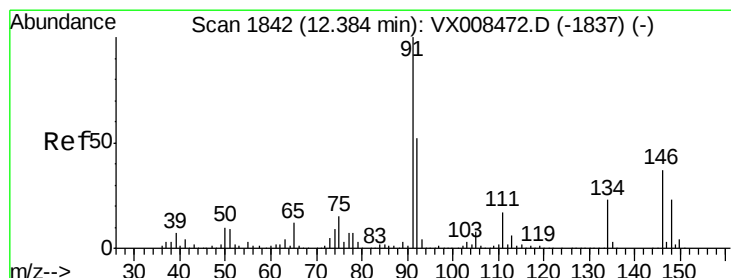
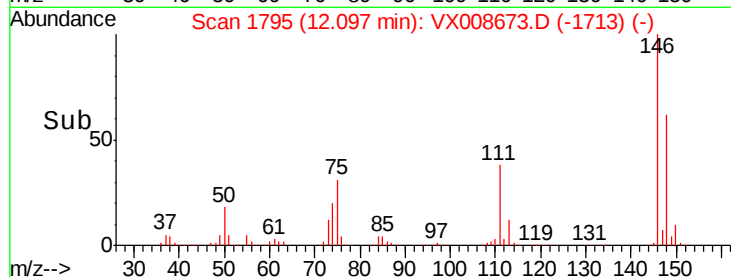
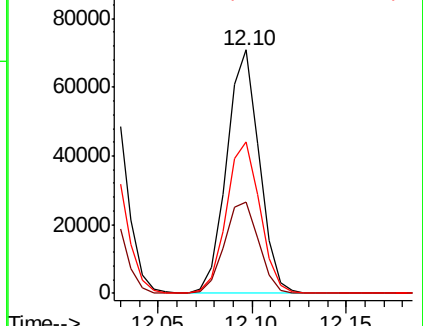
148 64.3 31.4 94.2



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: 17.313 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

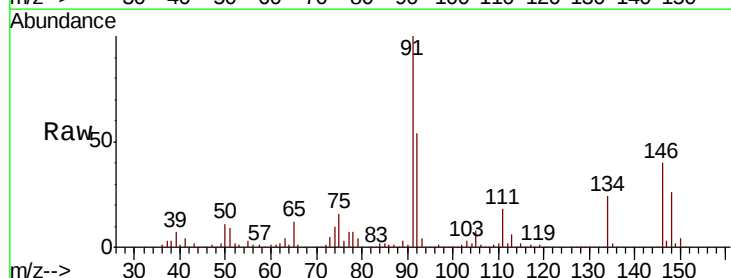
Tgt Ion: 91 Resp: 161611

Ion Ratio Lower Upper

91 100

92 53.1 0.0 105.2

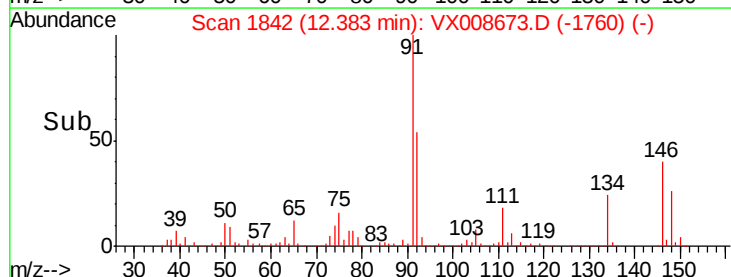
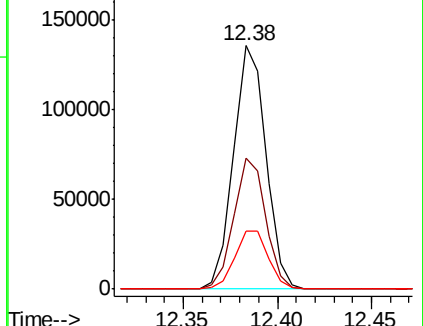
134 24.6 0.0 56.4

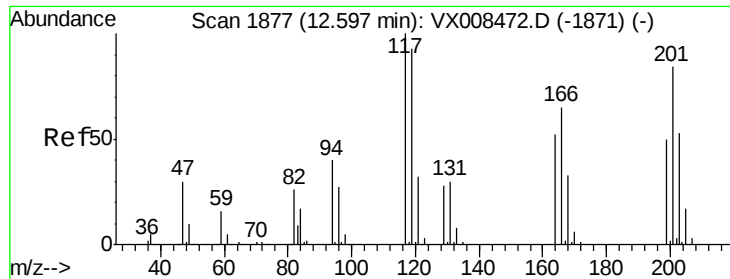


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

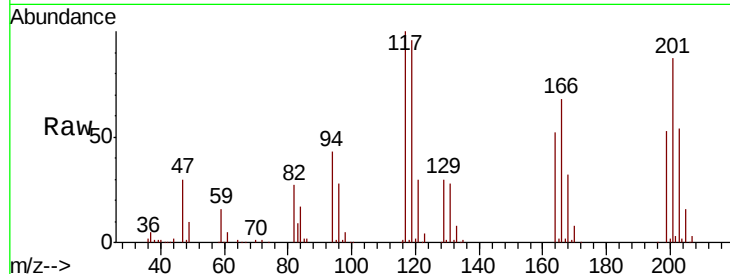




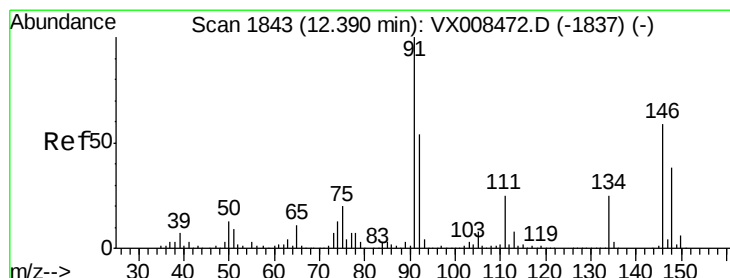
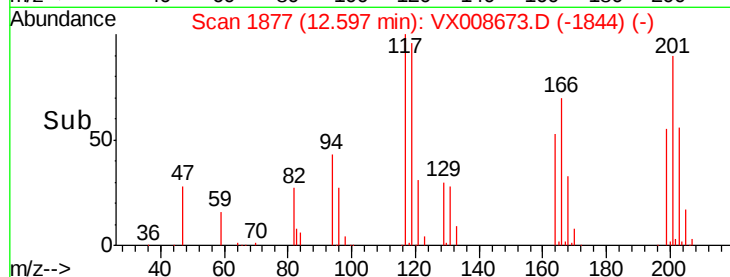
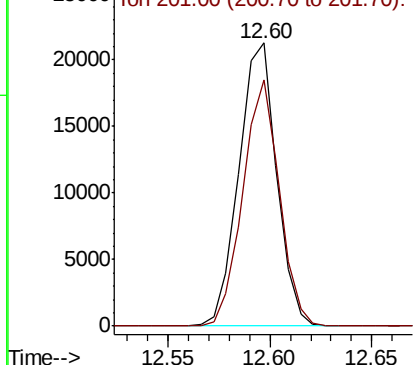
#86
Hexachloroethane
Concen: 16.704 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 27419
Ion Ratio Lower Upper
117 100
201 84.1 41.1 123.3

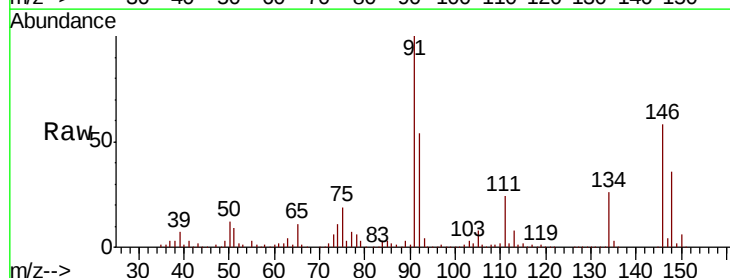


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V

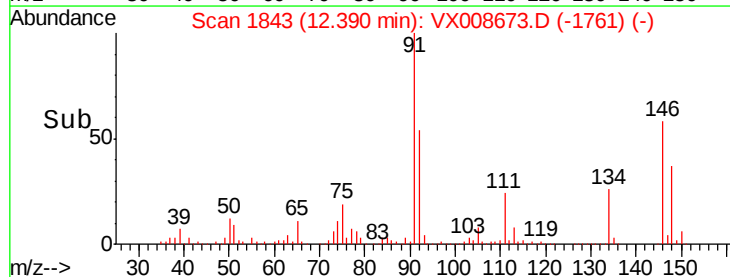
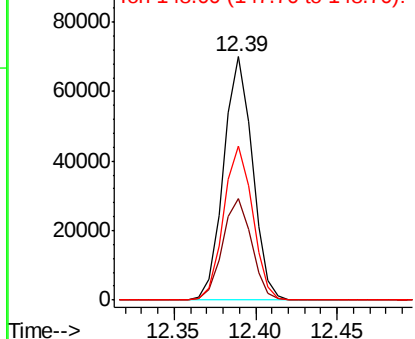


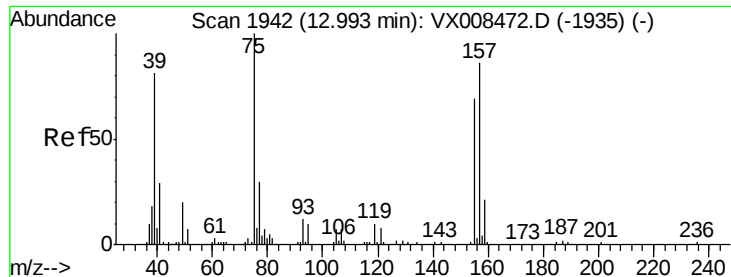
#87
1,2-Dichlorobenzene
Concen: 17.960 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion:146 Resp: 85951
Ion Ratio Lower Upper
146 100
111 42.1 19.3 57.8
148 63.8 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: 17.116 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.01 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

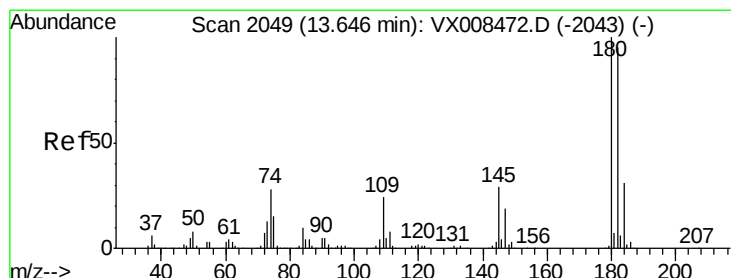
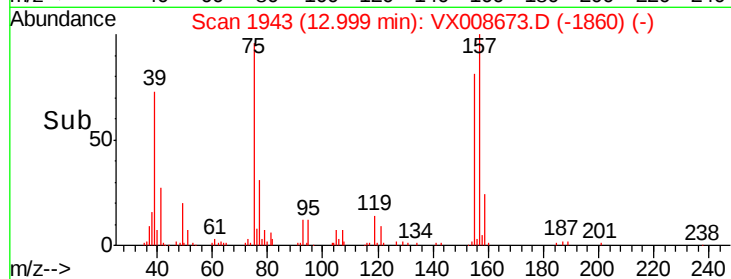
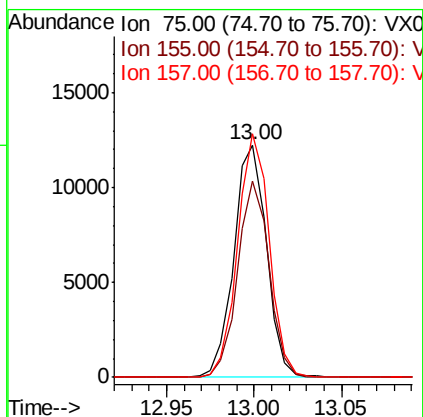
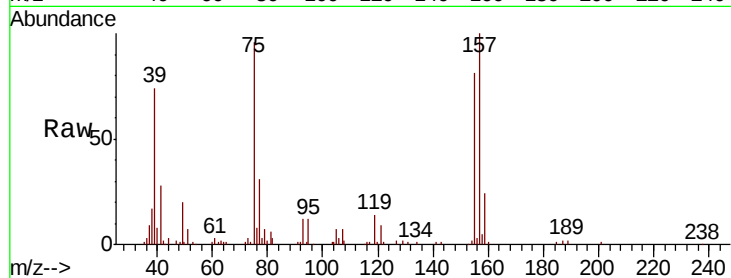
Tgt Ion: 75 Resp: 15936

Ion Ratio Lower Upper

75 100

155 81.1 81.0 121.6

157 101.2 103.2 154.8#



#89

1,2,4-Trichlorobenzene

Concen: 18.140 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

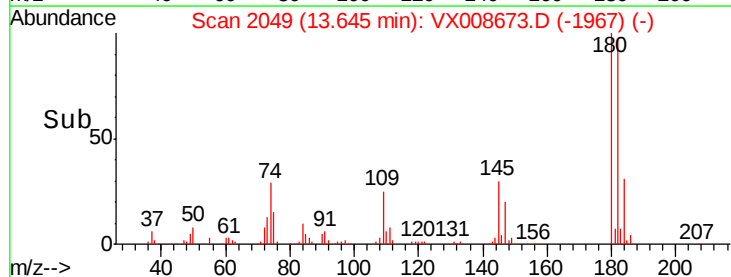
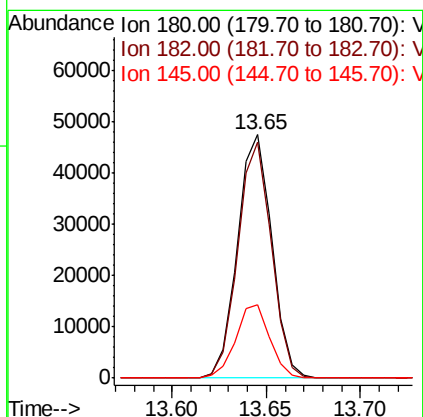
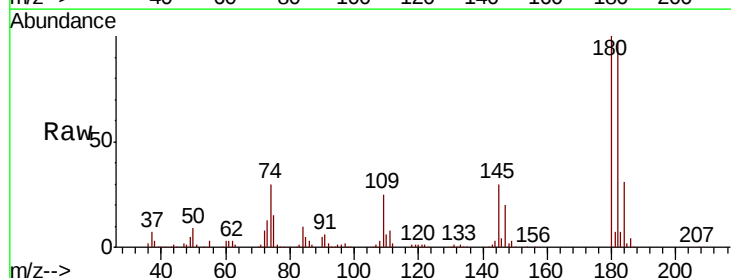
Tgt Ion: 180 Resp: 59883

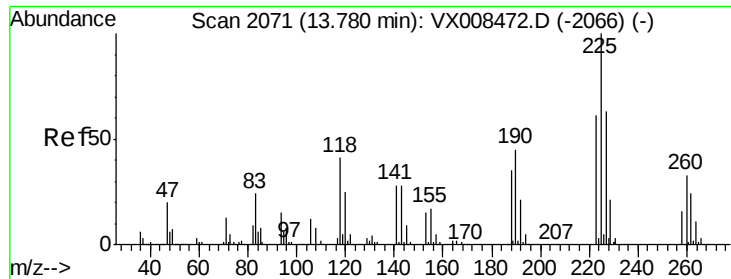
Ion Ratio Lower Upper

180 100

182 95.0 75.6 113.4

145 29.9 23.0 34.6

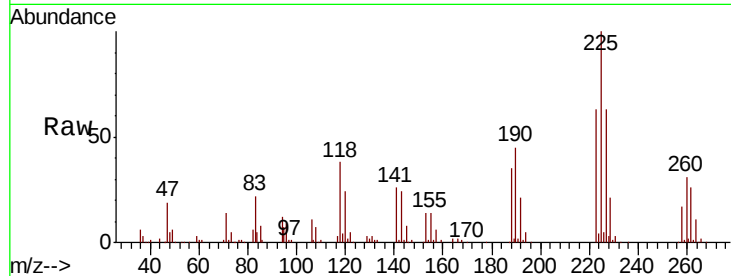




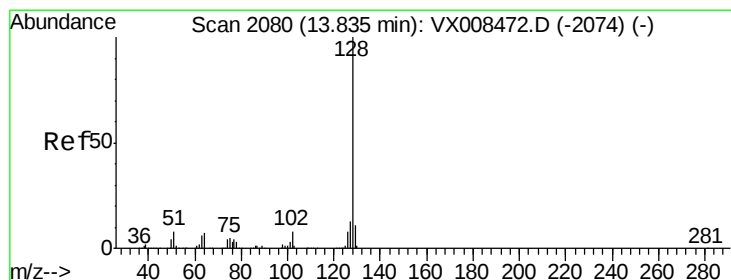
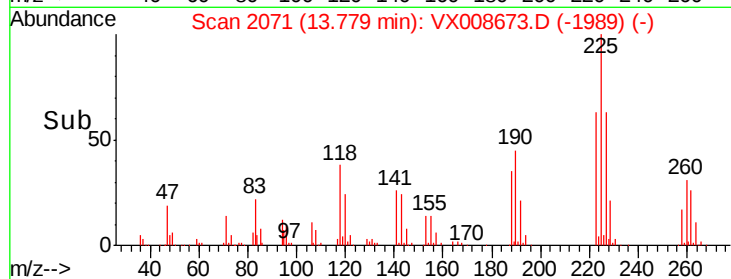
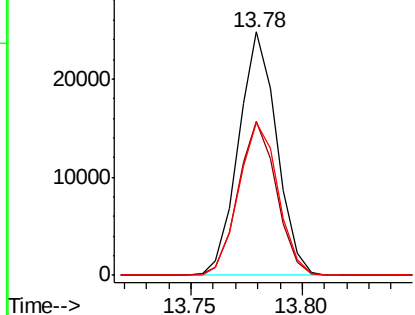
#90
Hexachlorobutadiene
Concen: 18.628 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 225 Resp: 29625
Ion Ratio Lower Upper
225 100
223 63.2 0.0 123.8
227 64.6 0.0 124.4

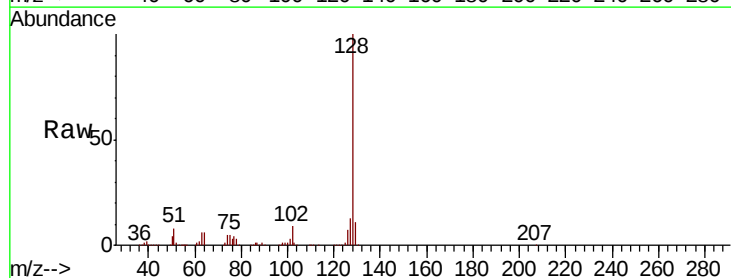


Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

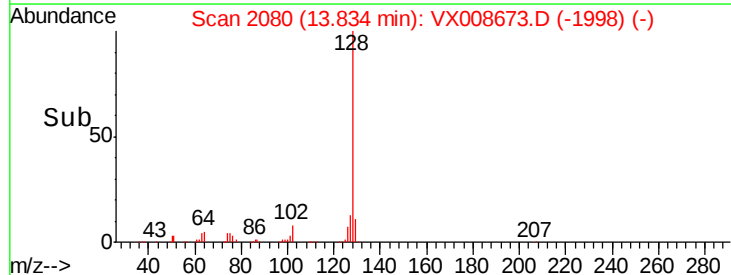
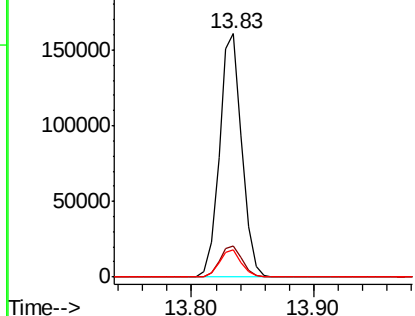


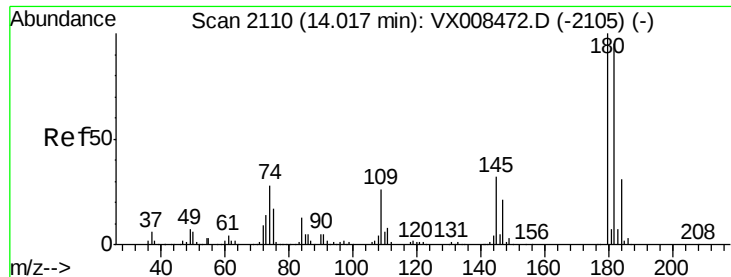
#91
Naphthalene
Concen: 17.910 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion: 128 Resp: 202559
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.9 13.3



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

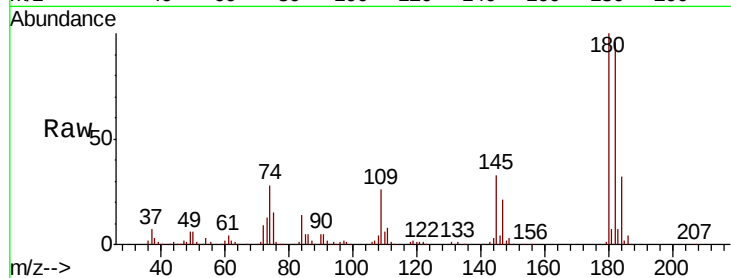




#92
 1,2,3-Trichlorobenzene
 Concen: 18.329 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Resp	Lower	Upper
180	60947		
182	96.2	0.0	193.0
145	32.2	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

