

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050219\
 Data File : VX009273.D
 Acq On : 02 May 2019 14:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 03 02:38:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132893	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	122535	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
35) Dibromofluoromethane	5.49	113	91181	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
50) Toluene-d8	8.71	98	376430	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.13	95	138372	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	79545	47.052	ug/l	99
3) Chloromethane	1.32	50	107945	46.768	ug/l	100
4) Vinyl Chloride	1.40	62	105340	46.804	ug/l	97
5) Bromomethane	1.64	94	59834	44.292	ug/l	94
6) Chloroethane	1.71	64	65854	45.573	ug/l	97
7) Trichlorofluoromethane	1.92	101	131083	47.913	ug/l	99
8) Diethyl Ether	2.18	74	61062	47.119	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82073	47.772	ug/l	99
10) Methyl Iodide	2.51	142	89428	45.278	ug/l	99
11) Tert butyl alcohol	3.06	59	139054	239.867	ug/l	99
12) 1,1-Dichloroethene	2.37	96	80752	46.912	ug/l	99
13) Acrolein	2.29	56	101736	193.781	ug/l	98
14) Allyl chloride	2.72	41	193045	46.018	ug/l	99
15) Acrylonitrile	3.14	53	330856	233.418	ug/l	99
16) Acetone	2.45	43	299721	222.878	ug/l	97
17) Carbon Disulfide	2.56	76	216965	44.894	ug/l	99
18) Methyl Acetate	2.77	43	152113	47.563	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	316773	47.389	ug/l	100
20) Methylene Chloride	2.85	84	98906	45.424	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	87445	46.842	ug/l	99
22) Diisopropyl ether	3.85	45	383121	47.490	ug/l	98
23) Vinyl Acetate	3.81	43	1677535	242.831	ug/l	100
24) 1,1-Dichloroethane	3.69	63	182874	45.951	ug/l	98
25) 2-Butanone	4.67	43	497355	237.999	ug/l	99
26) 2,2-Dichloropropane	4.58	77	137912	46.556	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	103905	46.630	ug/l	99
28) Bromochloromethane	5.01	49	77489	48.274	ug/l	99
29) Tetrahydrofuran	5.13	42	322746	240.006	ug/l	100
30) Chloroform	5.21	83	169888	47.198	ug/l	97
31) Cyclohexane	5.57	56	178501	48.209	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	140899	47.023	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129835	48.469	ug/l	100
37) Ethyl Acetate	4.83	43	184187	49.350	ug/l	99
38) Carbon Tetrachloride	5.78	117	117592	48.317	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161697	49.152	ug/l	98
40) Benzene	6.13	78	397437	47.941	ug/l	100
41) Methacrylonitrile	5.04	41	104867	47.202	ug/l	99
42) 1,2-Dichloroethane	6.19	62	143112	48.124	ug/l	100
43) Isopropyl Acetate	6.44	43	292420	48.982	ug/l	100
44) Trichloroethene	7.21	130	95624	47.713	ug/l	93
45) 1,2-Dichloropropane	7.51	63	113616	48.400	ug/l	97
46) Dibromomethane	7.66	93	64193	47.091	ug/l	99
47) Bromodichloromethane	7.90	83	132012	48.549	ug/l	97
48) Methyl methacrylate	7.77	41	148507	50.141	ug/l	99
49) 1,4-Dioxane	7.74	88	58440	972.942	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	967724	248.003	ug/l	100
52) Toluene	8.78	92	243720	48.363	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	154178	50.221	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	170381	50.142	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	100833	49.045	ug/l	98
56) Ethyl methacrylate	9.18	69	185258	50.480	ug/l	100
57) 1,3-Dichloropropane	9.37	76	175561	48.526	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	490389	251.884	ug/l	100
59) 2-Hexanone	9.49	43	771457	251.729	ug/l	100
60) Dibromochloromethane	9.58	129	99546	49.575	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102346	49.316	ug/l	100
64) Tetrachloroethene	9.34	164	90627	50.184	ug/l	99
65) Chlorobenzene	10.13	112	254702	48.362	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	94113	49.291	ug/l	99
67) Ethyl Benzene	10.25	91	470615	48.555	ug/l	99
68) m/p-Xylenes	10.36	106	349167	98.581	ug/l	98
69) o-Xylene	10.69	106	169861	48.606	ug/l	99
70) Styrene	10.71	104	304070	50.061	ug/l	100
71) Bromoform	10.85	173	76793	49.492	ug/l #	99
73) Isopropylbenzene	11.02	105	460850	47.688	ug/l	100
74) N-amyl acetate	10.90	43	273071	48.467	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	169859	47.150	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	199687	64.778	ug/l	82
77) Bromobenzene	11.26	156	112763	47.012	ug/l	99
78) n-propylbenzene	11.36	91	533846	48.371	ug/l	100
79) 2-Chlorotoluene	11.42	91	314522	46.192	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	392033	48.179	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	58114	48.236	ug/l	98
82) 4-Chlorotoluene	11.51	91	368270	47.876	ug/l	99
83) tert-Butylbenzene	11.77	119	375456	47.432	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	395864	48.468	ug/l	99
85) sec-Butylbenzene	11.94	105	459020	48.912	ug/l	100
86) p-Isopropyltoluene	12.06	119	420476	49.839	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205307	48.014	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	207474	48.127	ug/l	100
89) n-Butylbenzene	12.38	91	387952	50.877	ug/l	100
90) Hexachloroethane	12.59	117	69146	48.107	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	209537	48.112	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38399	47.515	ug/l	99

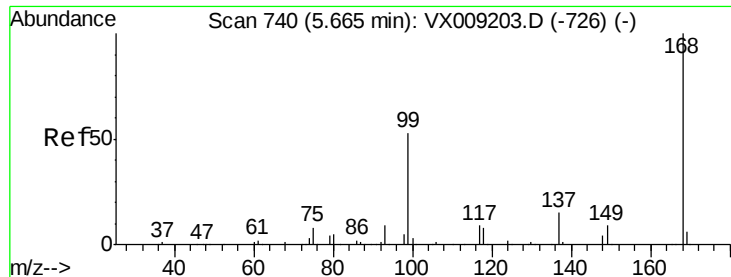
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	151655	50.921	ug/l	99
94) Hexachlorobutadiene	13.78	225	77029	50.648	ug/l	99
95) Naphthalene	13.83	128	482983	49.846	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	150900	49.984	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

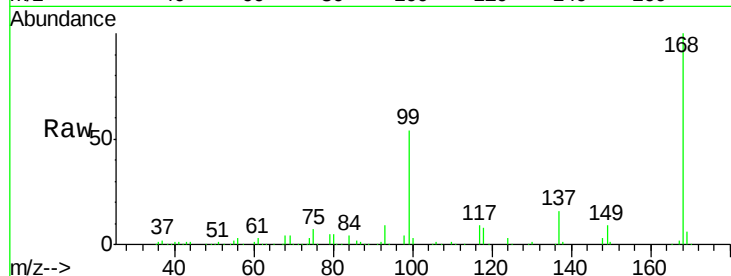
VSTDCCC050

Tot Ion:168 Resp: 183458

Ion Ratio Lower Upper

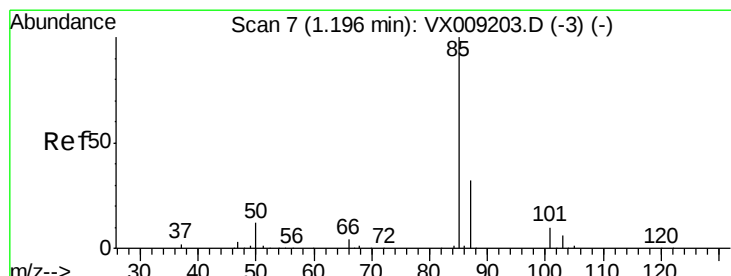
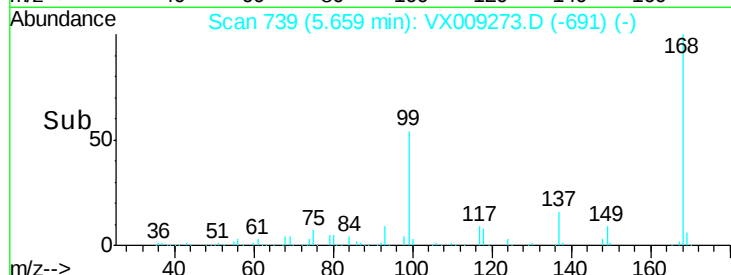
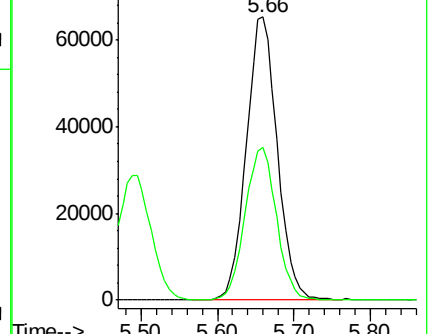
168 100

99 53.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.052 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009273.D

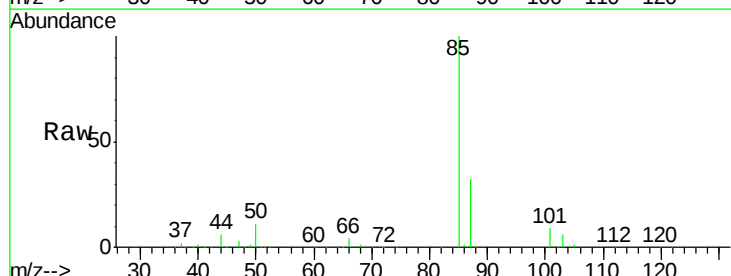
Acq: 02 May 2019 14:48

Tgt Ion: 85 Resp: 79545

Ion Ratio Lower Upper

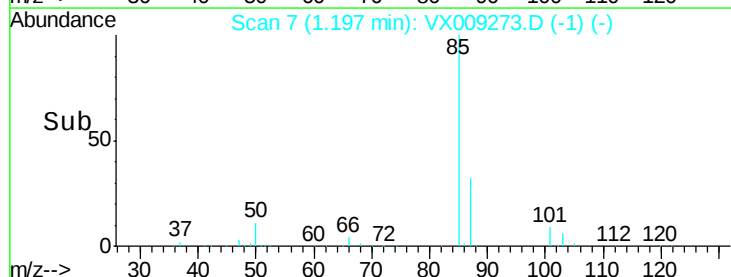
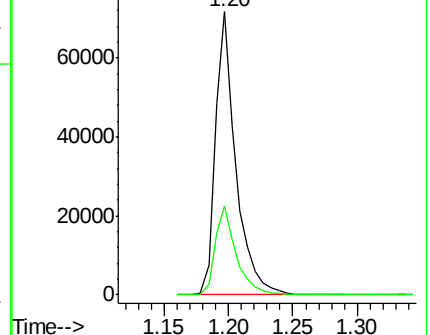
85 100

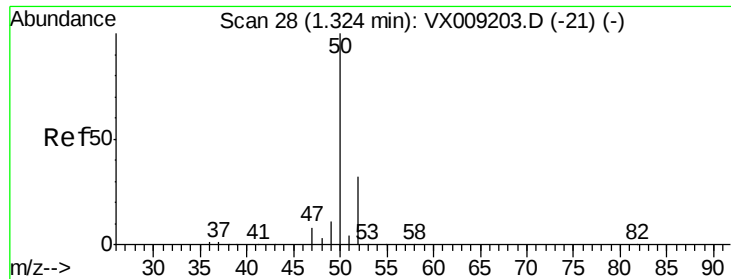
87 31.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.768 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampled :

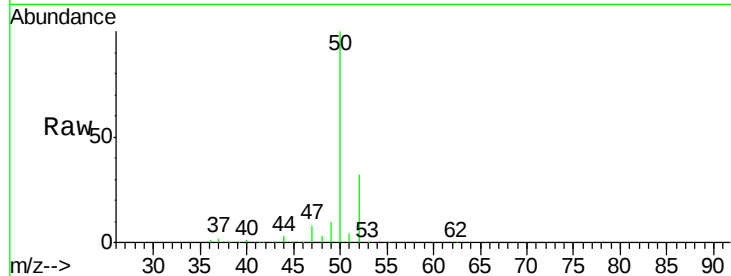
VSTDCCC050

Tot Ion: 50 Resp: 107945

Ion Ratio Lower Upper

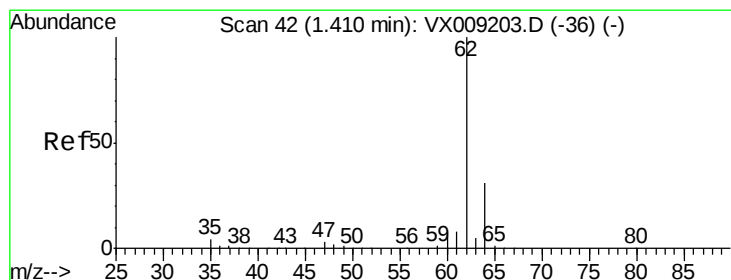
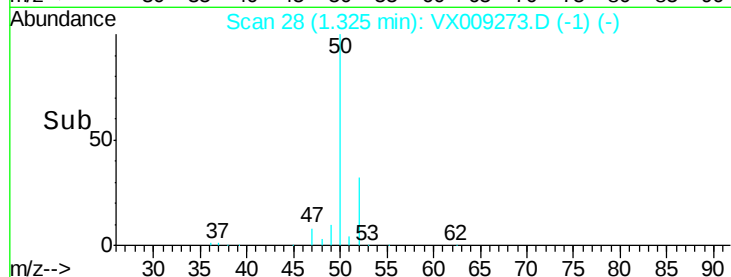
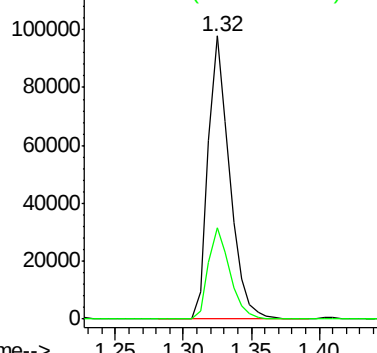
50 100

52 32.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.804 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009273.D

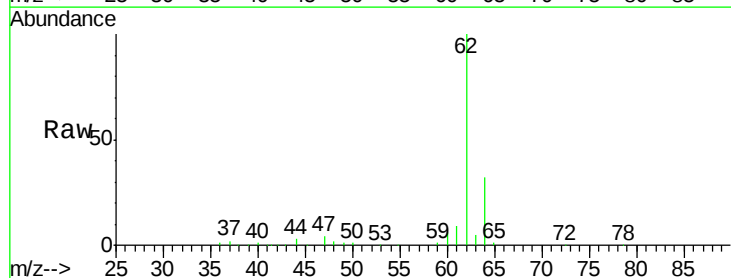
Acq: 02 May 2019 14:48

Tgt Ion: 62 Resp: 105340

Ion Ratio Lower Upper

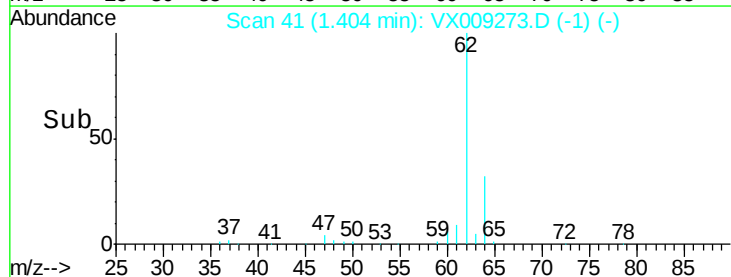
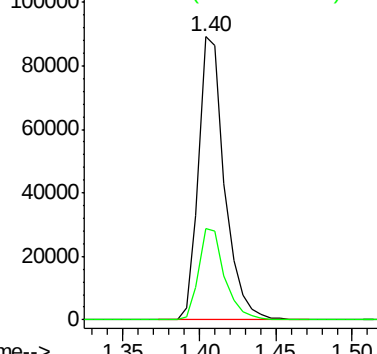
62 100

64 32.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.292 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

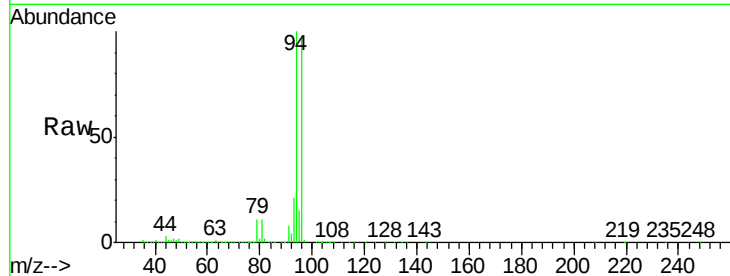
VSTDCCC050

Tot Ion: 94 Resp: 59834

Ion Ratio Lower Upper

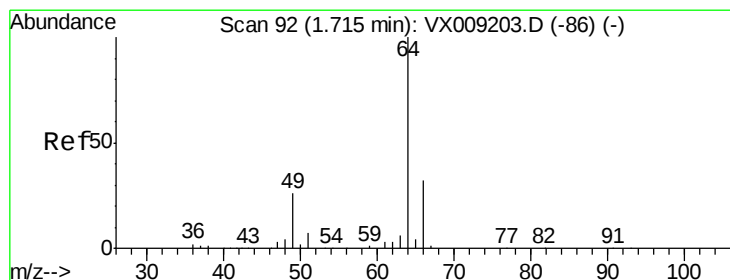
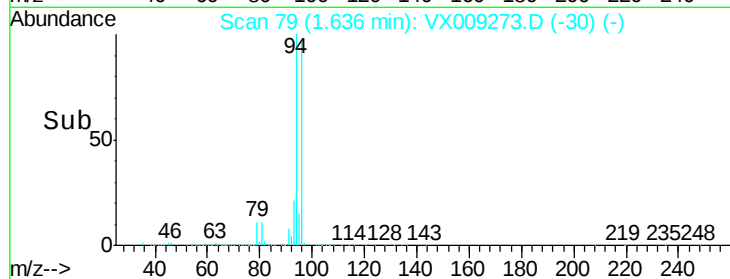
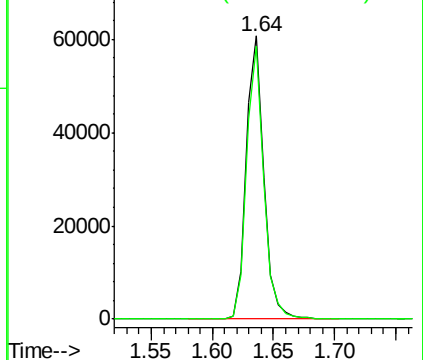
94 100

96 96.7 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.573 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009273.D

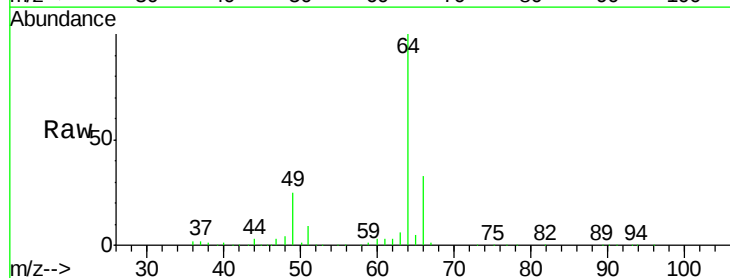
Acq: 02 May 2019 14:48

Tgt Ion: 64 Resp: 65854

Ion Ratio Lower Upper

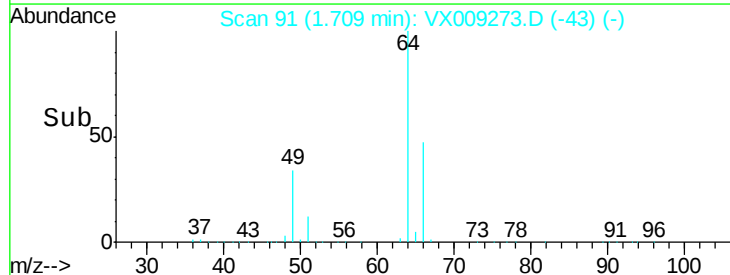
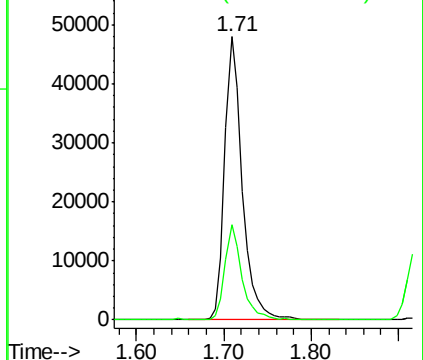
64 100

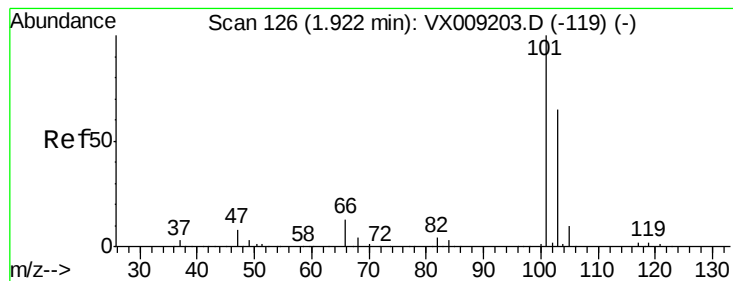
66 33.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



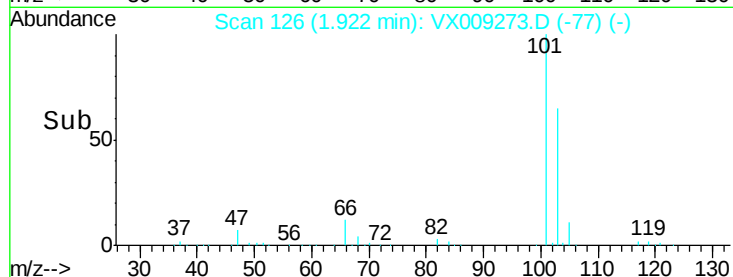
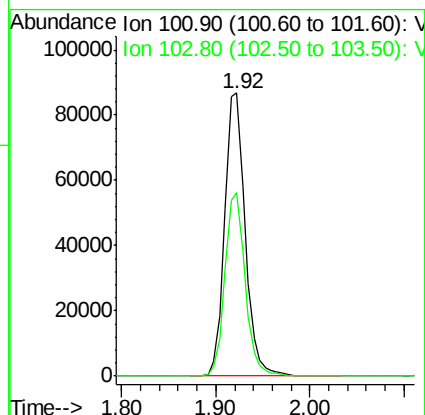
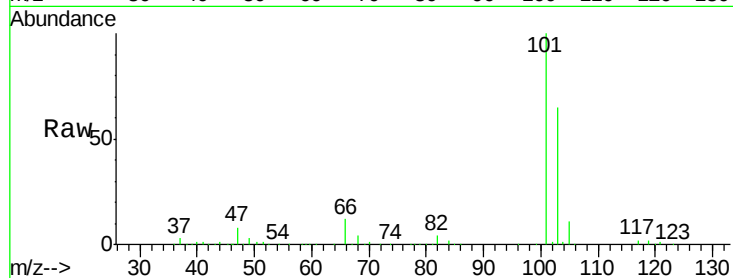


#7

Trichlorofluoromethane
 Concen: 47.913 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009273.D
 Acq: 02 May 2019 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

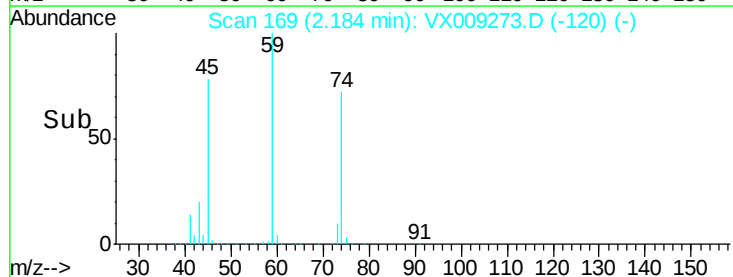
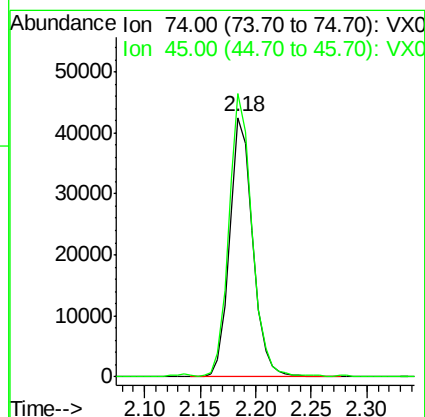
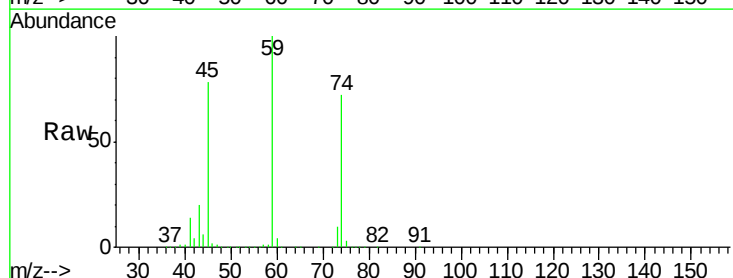
Tot Ion:101 Resp: 131083
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.4 78.6



#8

Diethyl Ether
 Concen: 47.119 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009273.D
 Acq: 02 May 2019 14:48

Tgt Ion: 74 Resp: 61062
 Ion Ratio Lower Upper
 74 100
 45 108.6 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.772 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

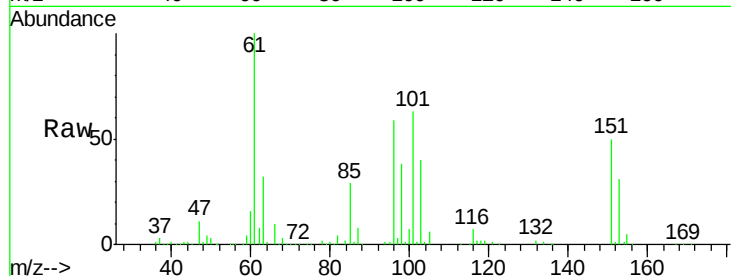
Tot Ion:101 Resp: 82073

Ion Ratio Lower Upper

101 100

85 44.7 35.7 53.5

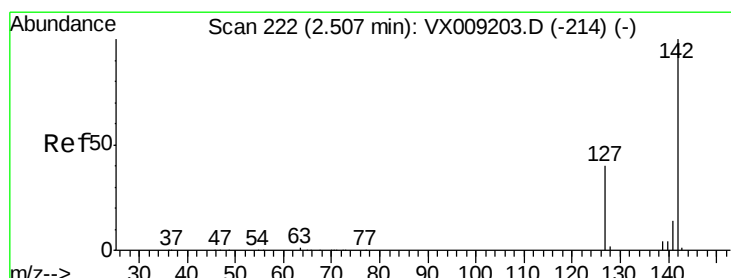
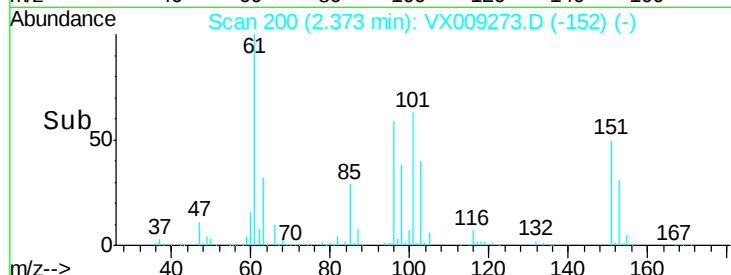
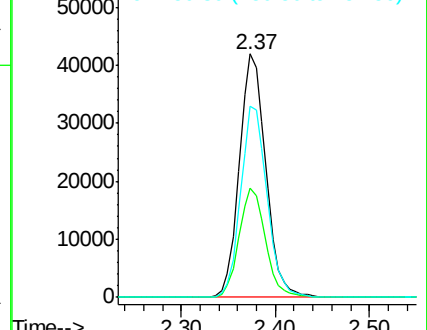
151 78.5 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.278 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

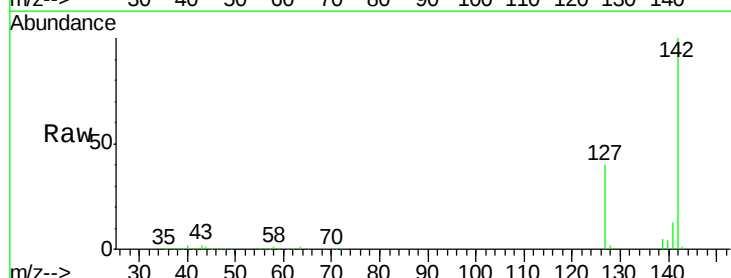
Tgt Ion:142 Resp: 89428

Ion Ratio Lower Upper

142 100

127 41.3 32.7 49.1

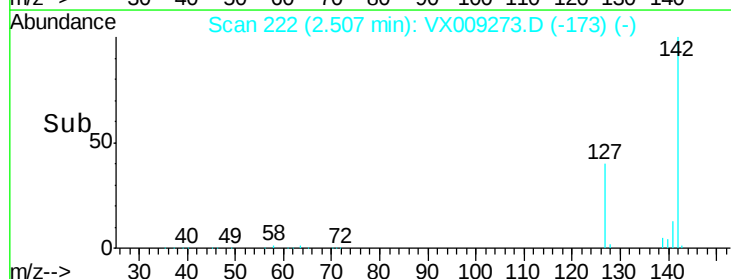
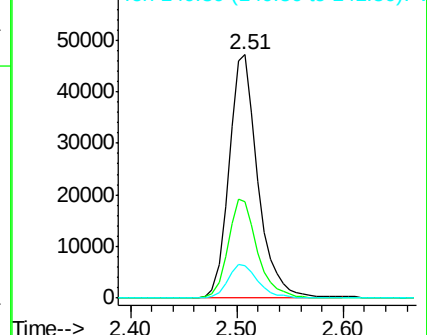
141 14.5 11.5 17.3

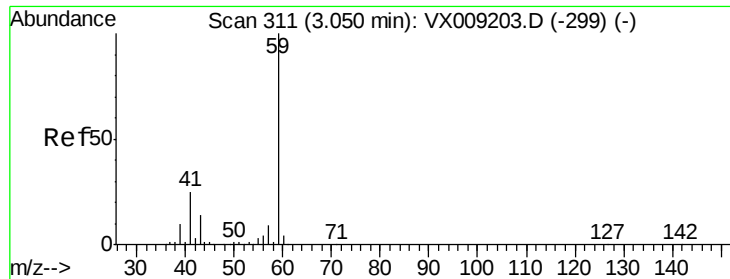


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

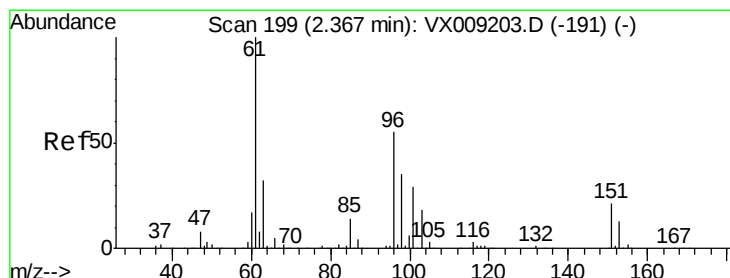
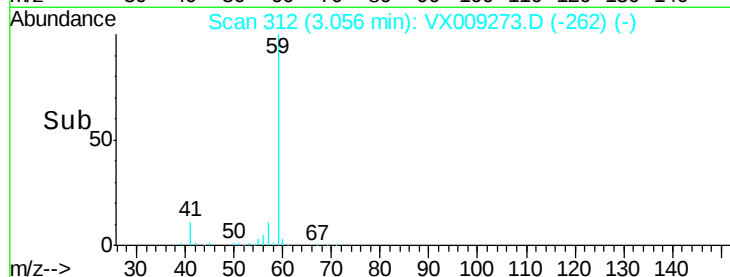
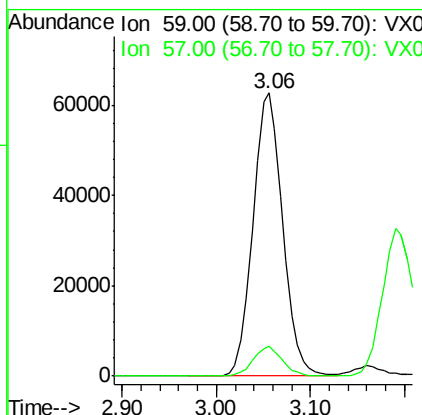
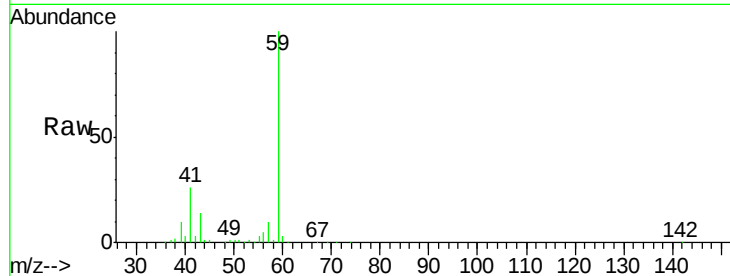




#11
Tert butyl alcohol
Concen: 239.867 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

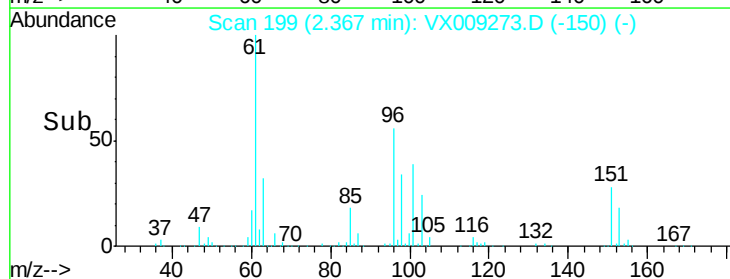
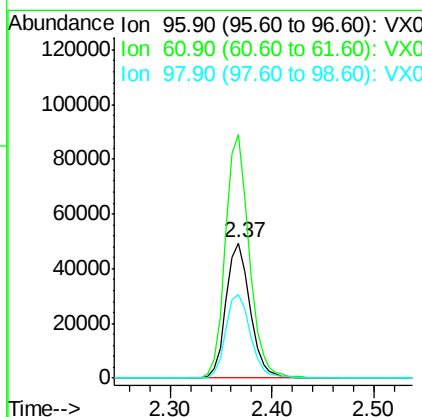
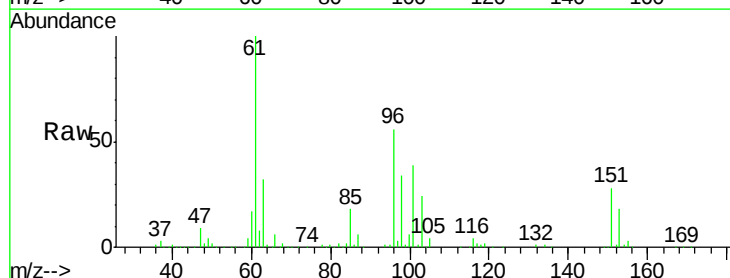
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

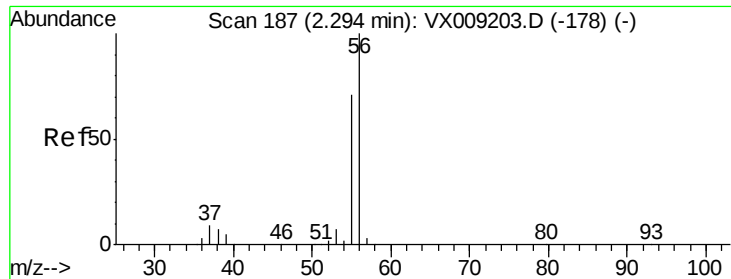
Tot Ion: 59 Resp: 139054
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.912 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

Tgt Ion: 96 Resp: 80752
Ion Ratio Lower Upper
96 100
61 179.7 144.3 216.5
98 62.0 50.3 75.5





#13

Acrolein

Concen: 193.781 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

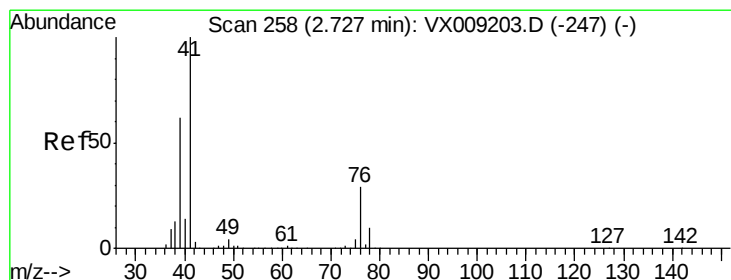
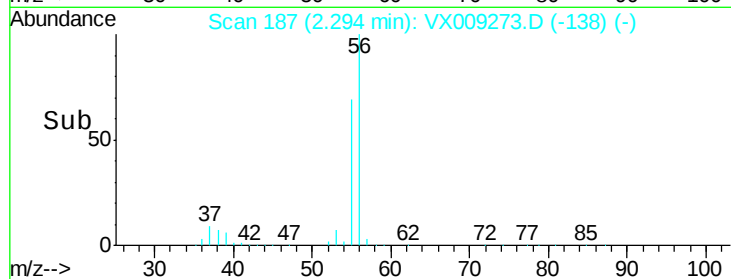
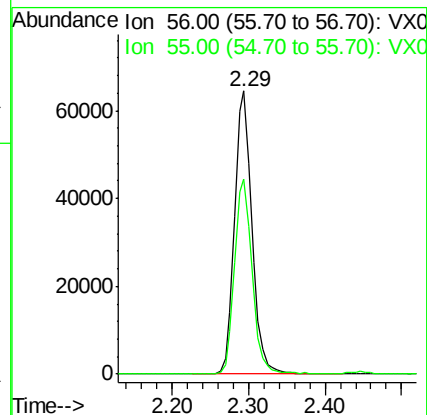
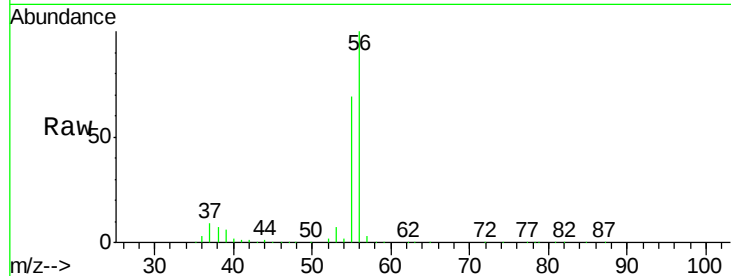
VSTDCCC050

Tot Ion: 56 Resp: 101736

Ion Ratio Lower Upper

56 100

55 69.1 56.6 85.0



#14

Allyl chloride

Concen: 46.018 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

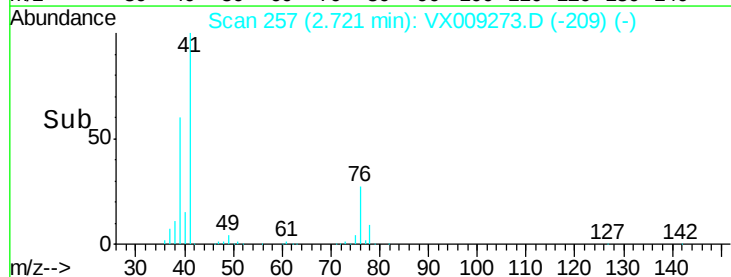
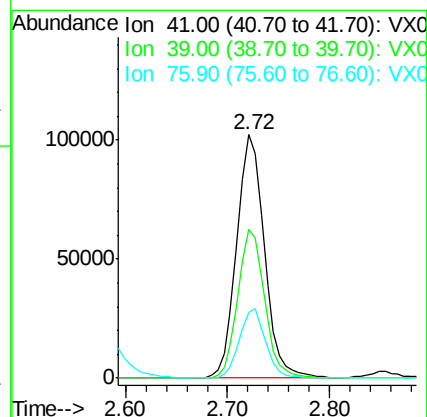
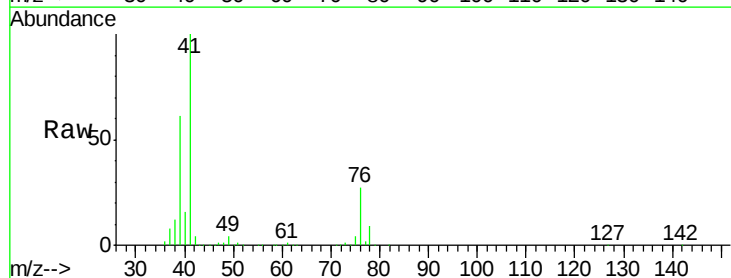
Tgt Ion: 41 Resp: 193045

Ion Ratio Lower Upper

41 100

39 59.2 46.7 70.1

76 27.1 21.8 32.8





#15

Acrylonitrile

Concen: 233.418 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

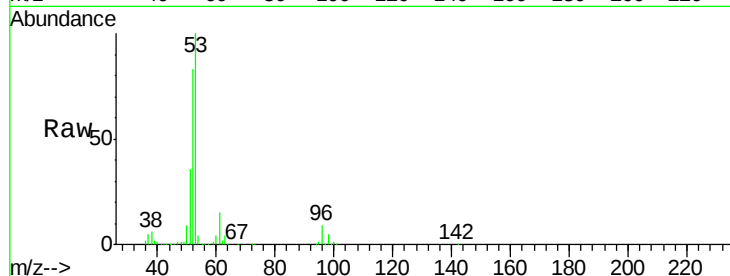
Tot Ion: 53 Resp: 330856

Ion Ratio Lower Upper

53 100

52 83.0 66.9 100.3

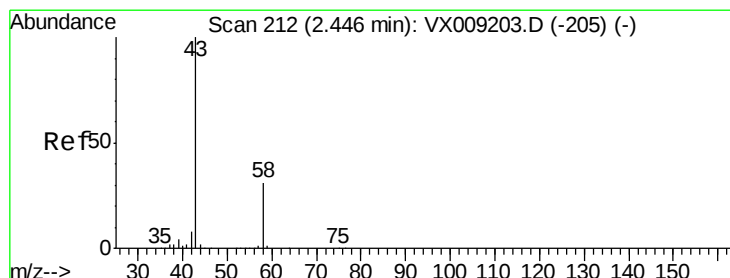
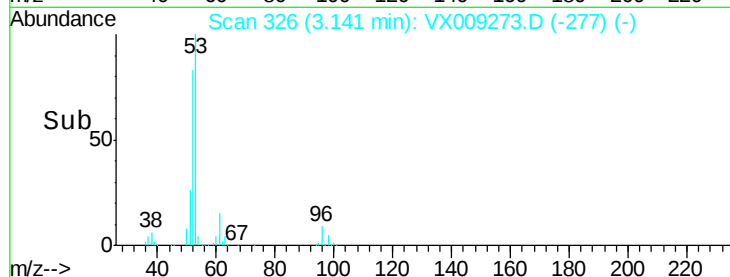
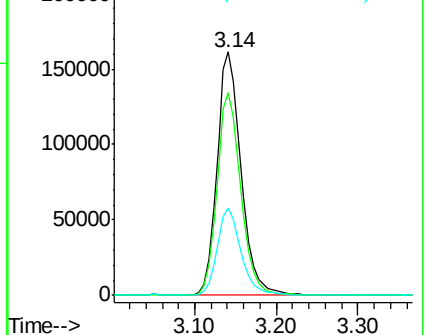
51 35.7 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 222.878 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009273.D

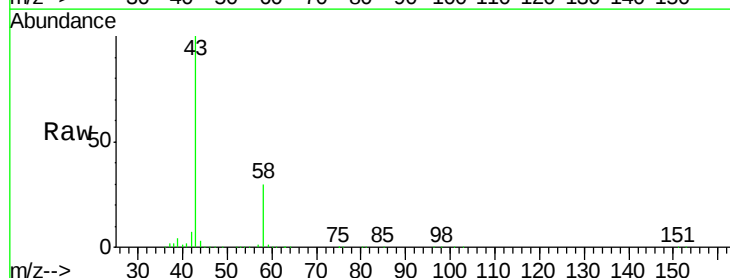
Acq: 02 May 2019 14:48

Tgt Ion: 43 Resp: 299721

Ion Ratio Lower Upper

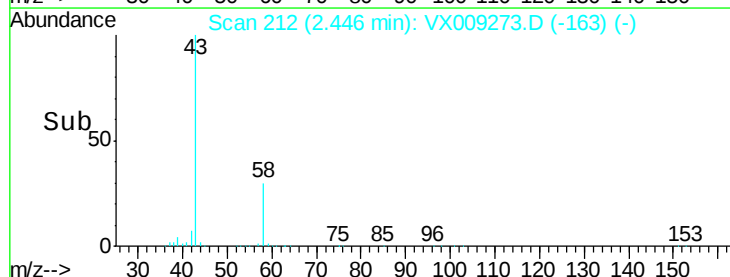
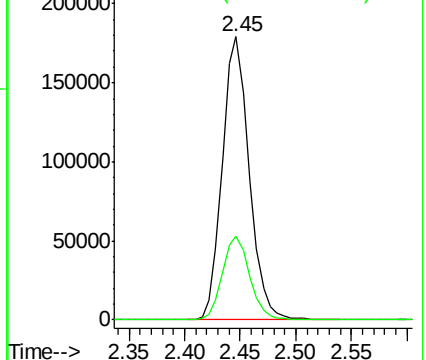
43 100

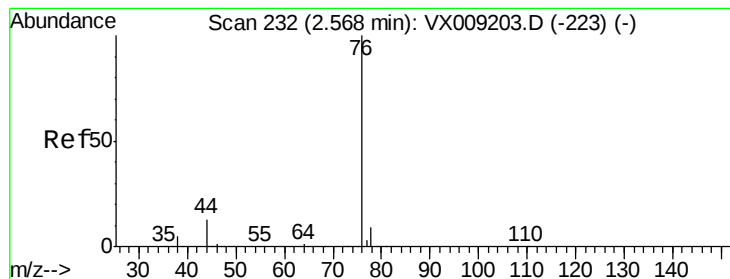
58 29.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.894 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

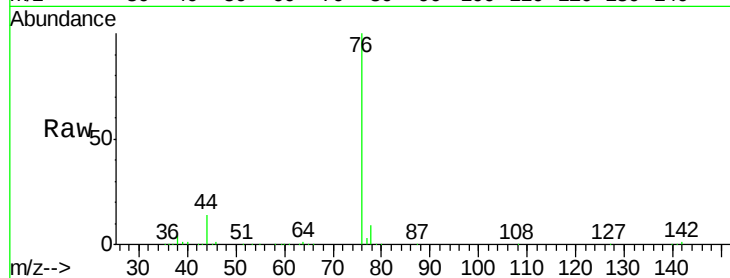
VSTDCCC050

Tot Ion: 76 Resp: 216965

Ion Ratio Lower Upper

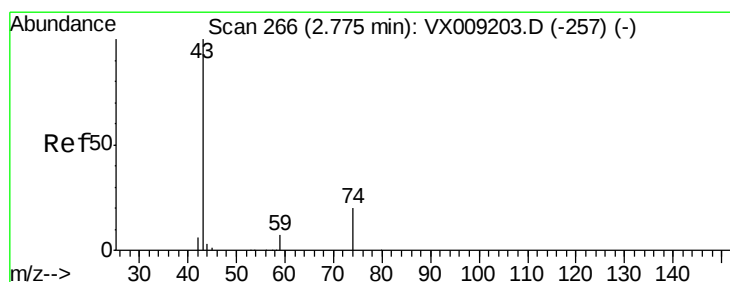
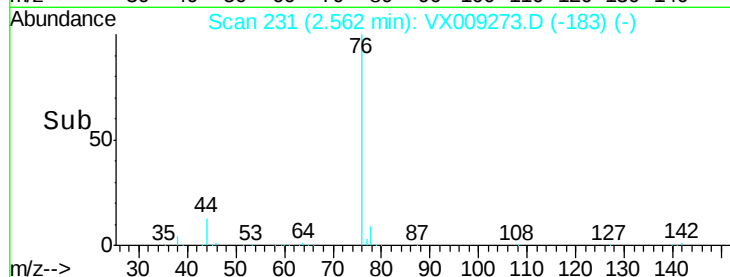
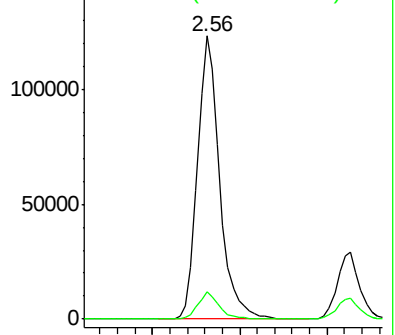
76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.563 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009273.D

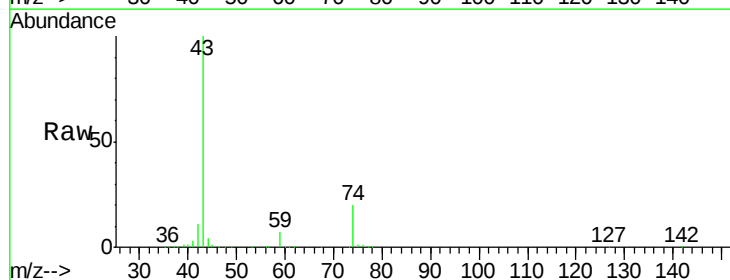
Acq: 02 May 2019 14:48

Tgt Ion: 43 Resp: 152113

Ion Ratio Lower Upper

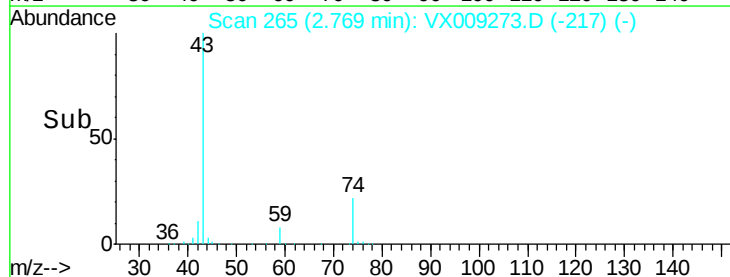
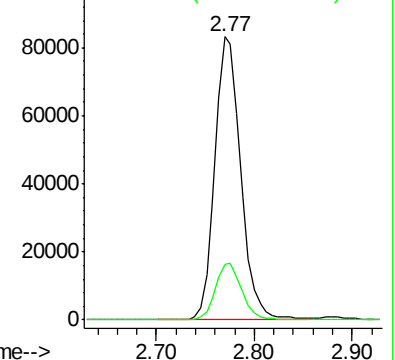
43 100

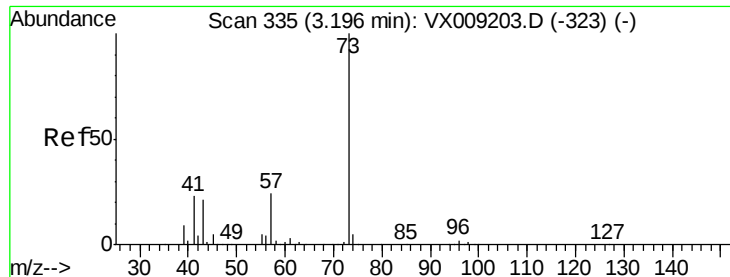
74 20.5 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



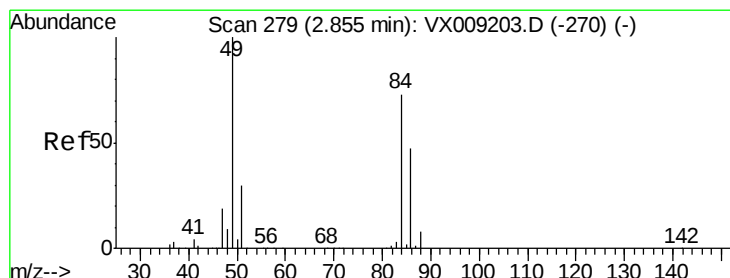
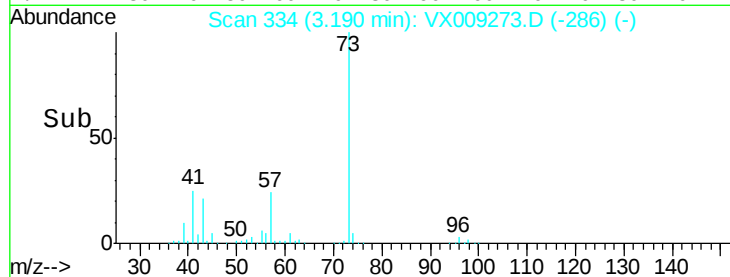
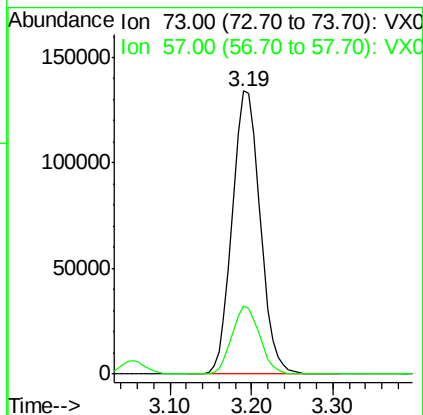
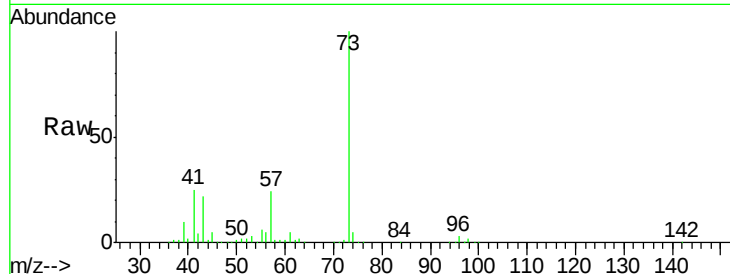


#19

Methyl tert-butyl Ether
 Concen: 47.389 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009273.D
 Acq: 02 May 2019 14:48

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

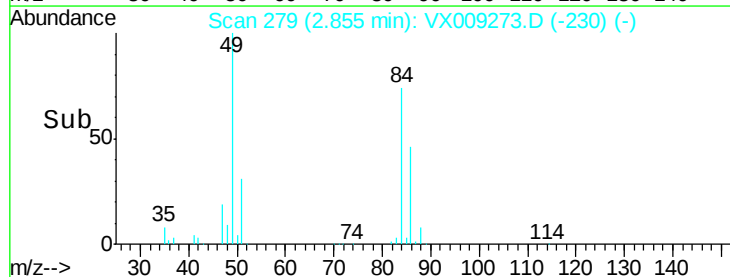
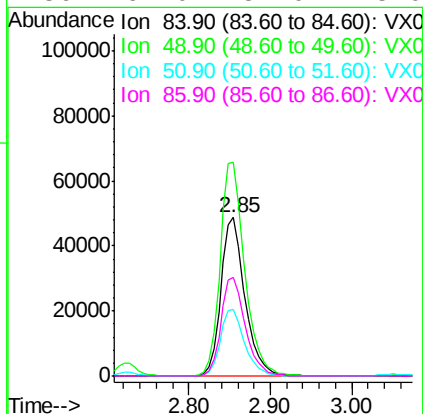
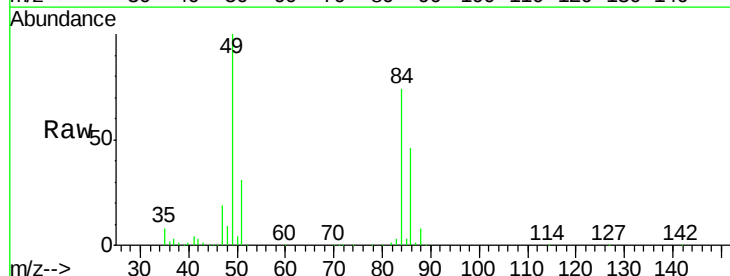
Tot Ion: 73 Resp: 316773
 Ion Ratio Lower Upper
 73 100
 57 24.2 19.3 28.9

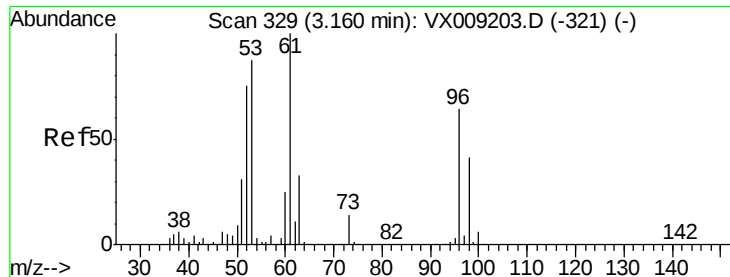


#20

Methylene Chloride
 Concen: 45.424 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009273.D
 Acq: 02 May 2019 14:48

Tgt Ion: 84 Resp: 98906
 Ion Ratio Lower Upper
 84 100
 49 134.5 109.9 164.9
 51 41.7 32.7 49.1
 86 62.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 46.842 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

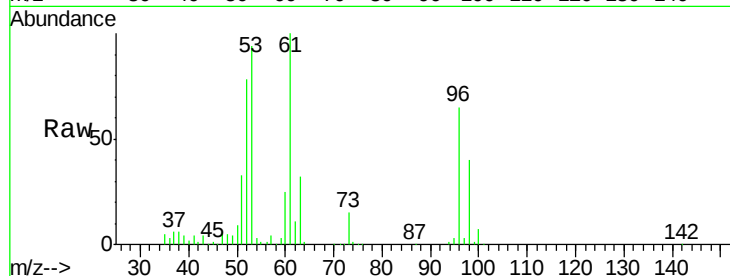
Tot Ion: 96 Resp: 87445

Ion Ratio Lower Upper

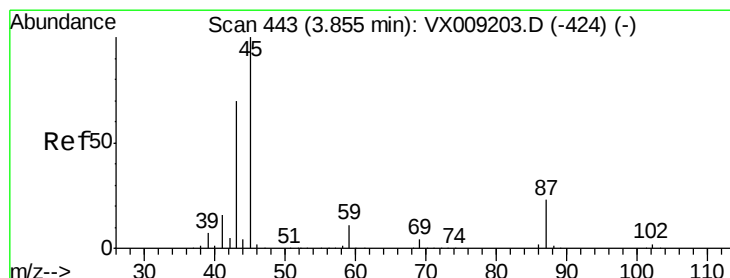
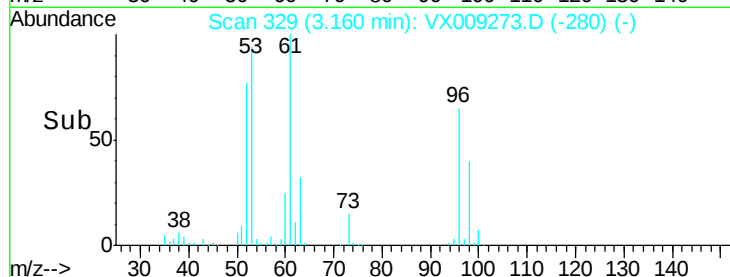
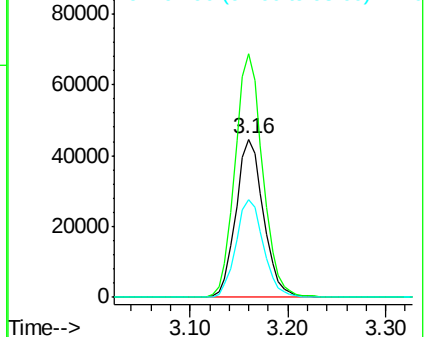
96 100

61 154.0 124.5 186.7

98 62.0 50.4 75.6



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



#22

Diisopropyl ether

Concen: 47.490 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Tgt Ion: 45 Resp: 383121

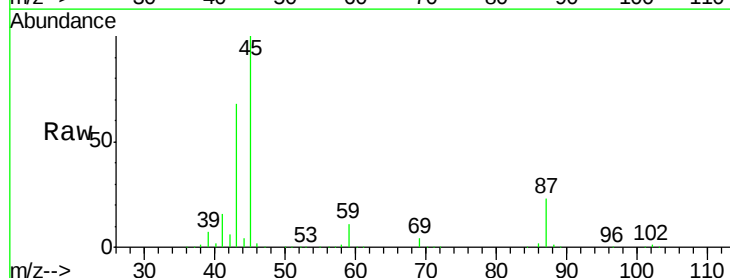
Ion Ratio Lower Upper

45 100

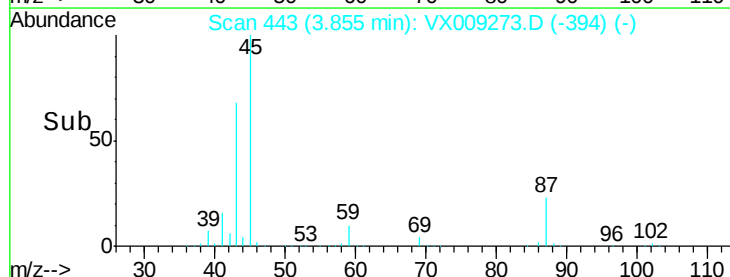
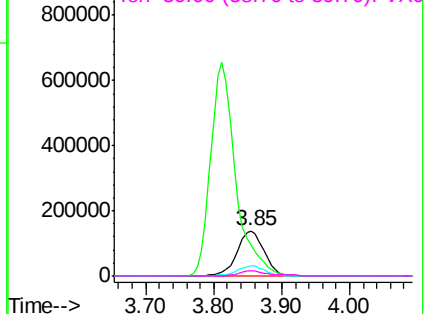
43 67.4 56.1 84.1

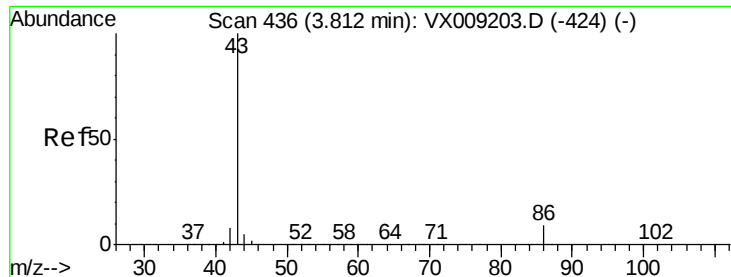
87 22.9 18.1 27.1

59 10.5 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 242.831 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

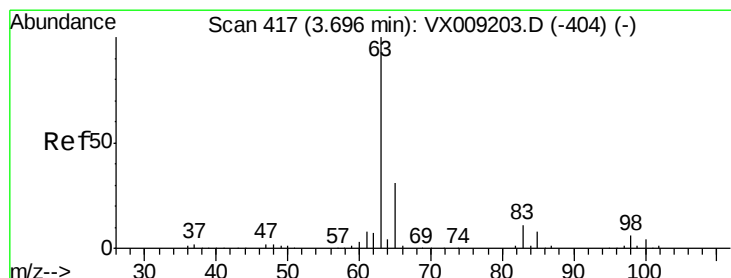
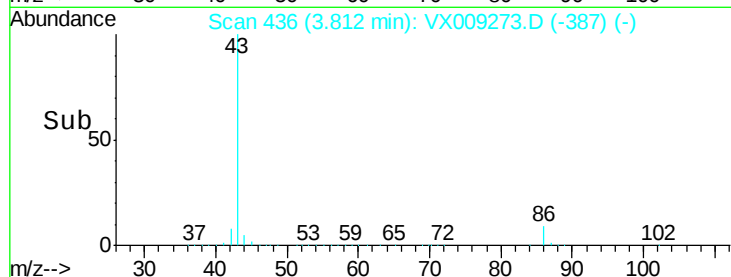
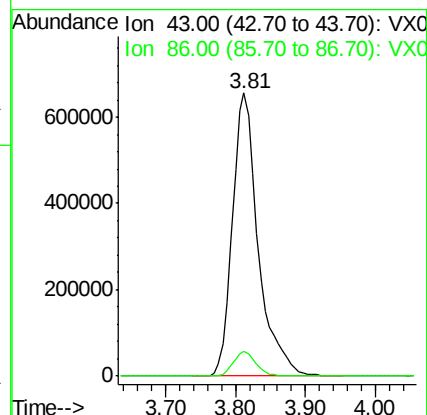
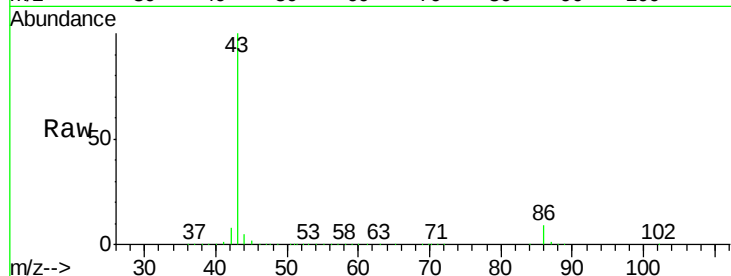
VSTDCCC050

Tot Ion: 43 Resp: 1677535

Ion Ratio Lower Upper

43 100

86 8.6 6.9 10.3



#24

1,1-Dichloroethane

Concen: 45.951 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

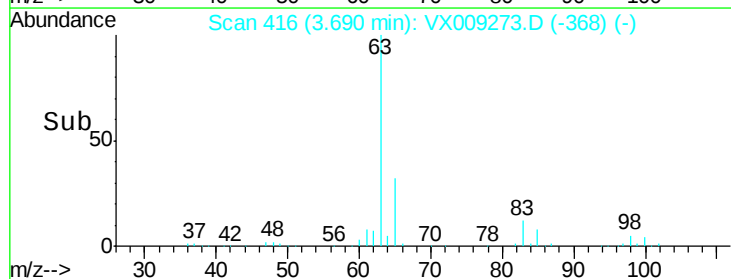
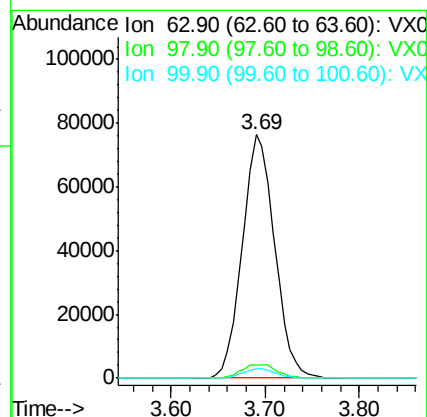
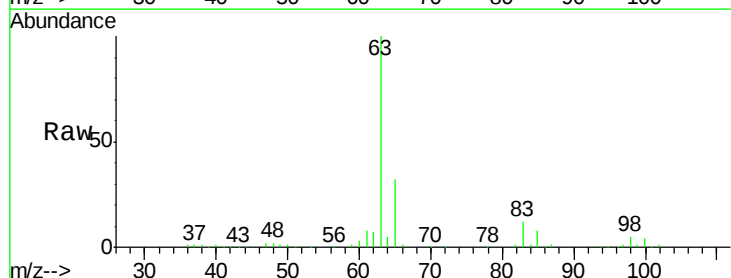
Tgt Ion: 63 Resp: 182874

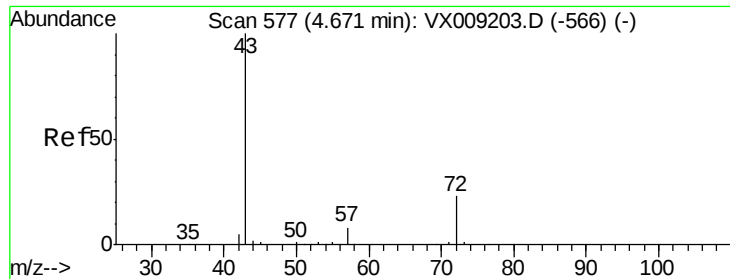
Ion Ratio Lower Upper

63 100

98 5.4 3.0 9.2

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 237.999 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

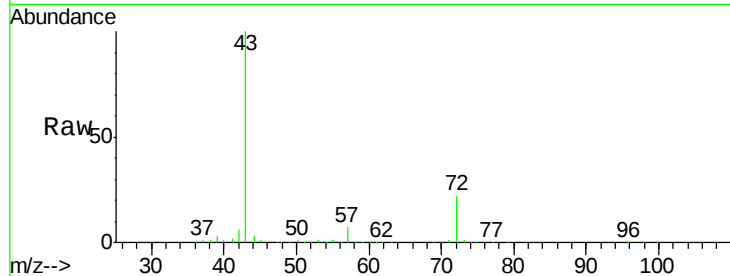
VSTDCCC050

Tot Ion: 43 Resp: 497355

Ion Ratio Lower Upper

43 100

72 22.0 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

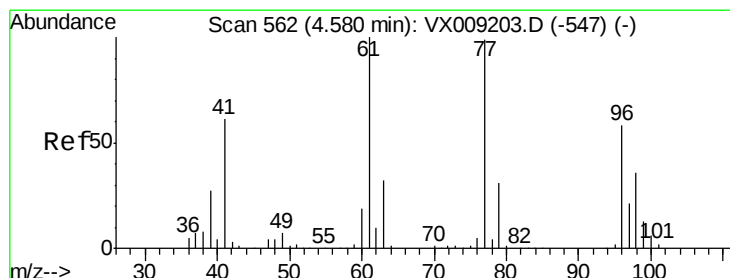
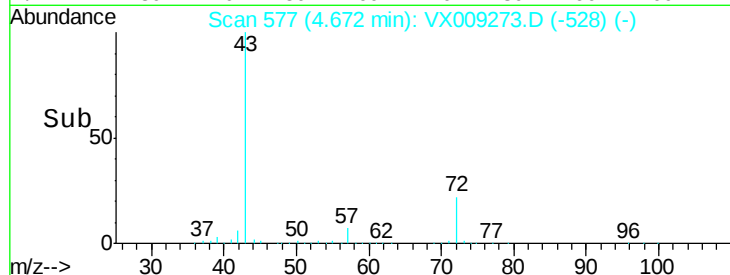
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.556 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009273.D

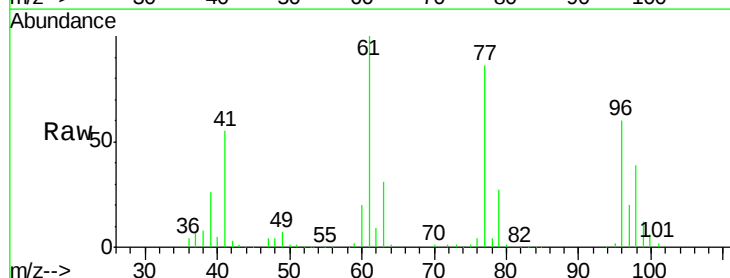
Acq: 02 May 2019 14:48

Tgt Ion: 77 Resp: 137912

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

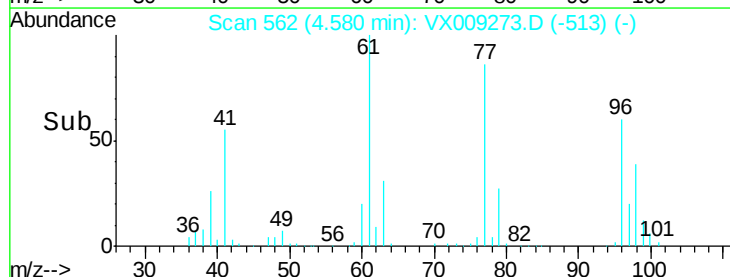
20000

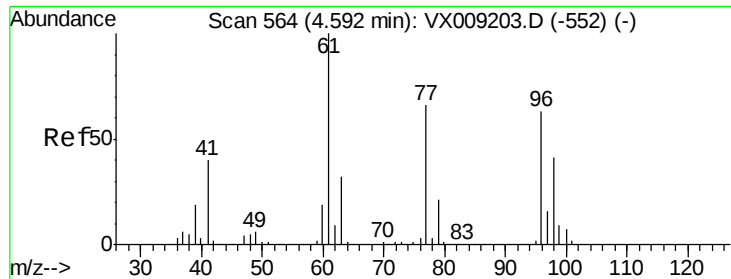
10000

0

4.40 4.50 4.60 4.70

Time-->



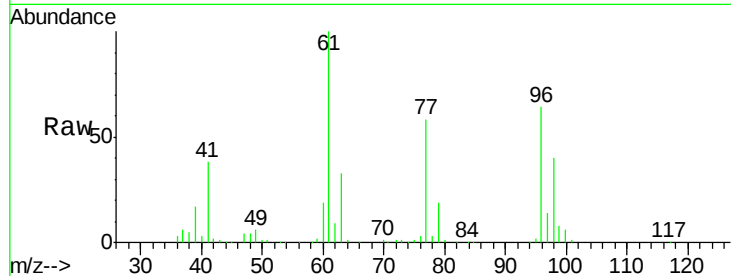


#27

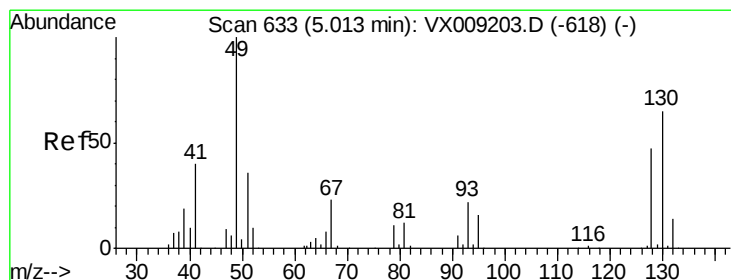
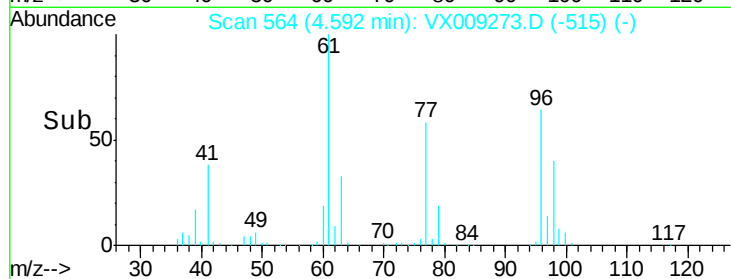
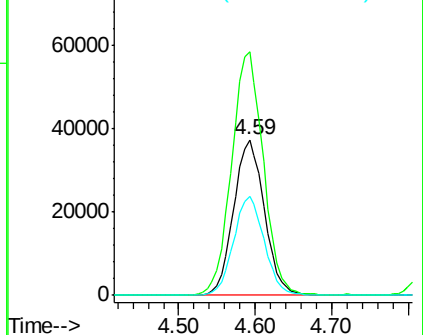
cis-1,2-Dichloroethene
Concen: 46.630 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	96	Resp	103905
Ion	Ratio	Lower	Upper
96	100		
61	161.6	0.0	324.0
98	63.6	0.0	130.4



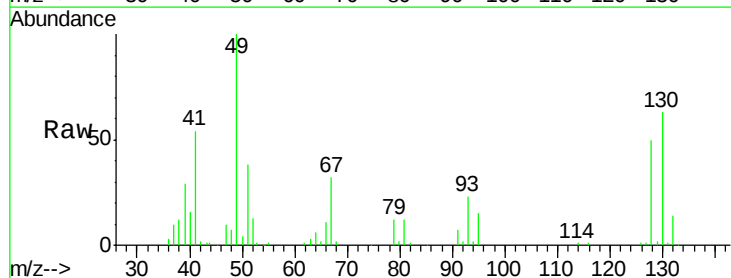
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



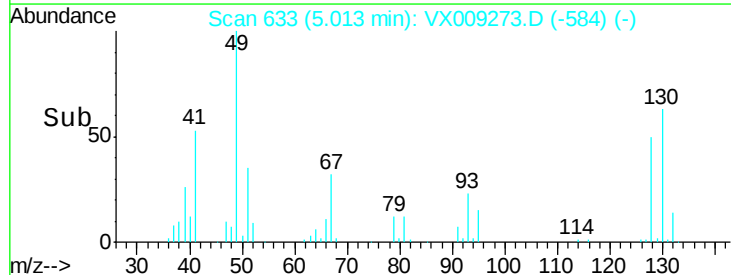
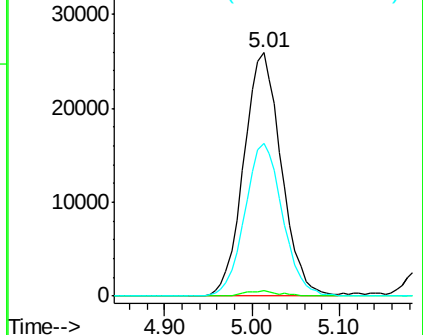
#28

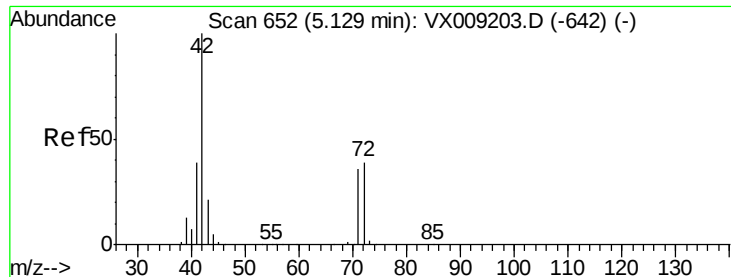
Bromochloromethane
Concen: 48.274 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

Tgt Ion	49	Resp	77489
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	62.9	51.2	76.8



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





#29

Tetrahydrofuran

Concen: 240.006 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

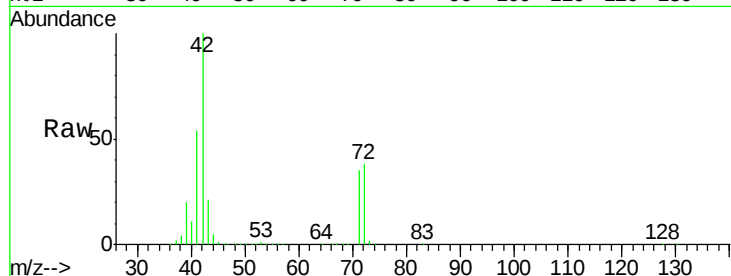
Tot Ion: 42 Resp: 322746

Ion Ratio Lower Upper

42 100

72 37.8 30.4 45.6

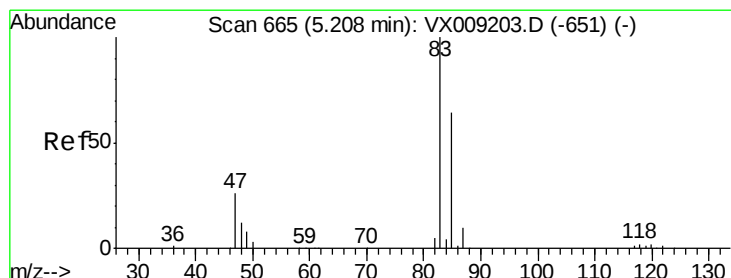
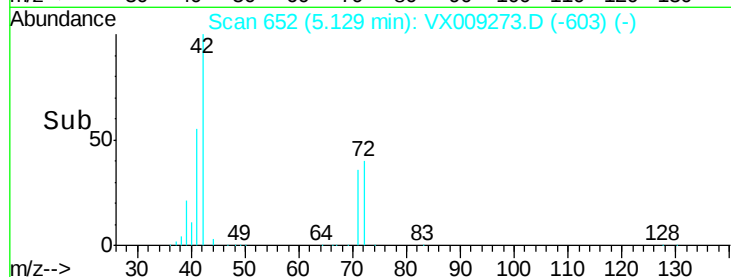
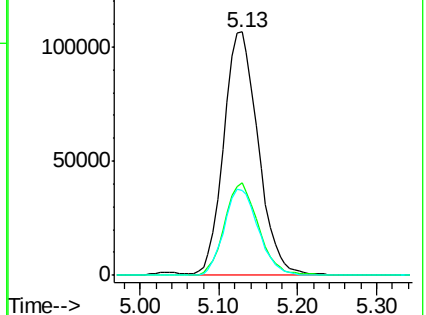
71 35.6 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.198 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX009273.D

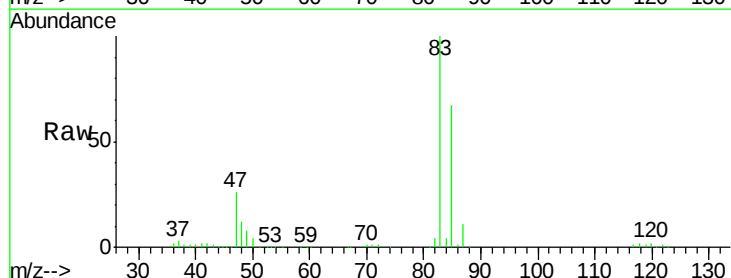
Acq: 02 May 2019 14:48

Tgt Ion: 83 Resp: 169888

Ion Ratio Lower Upper

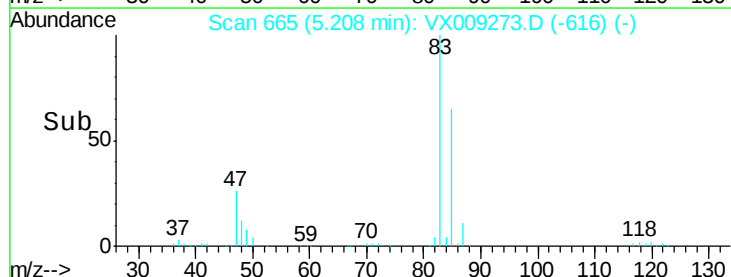
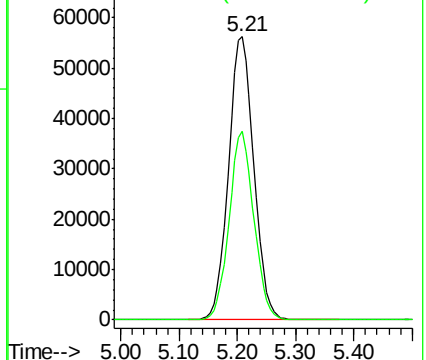
83 100

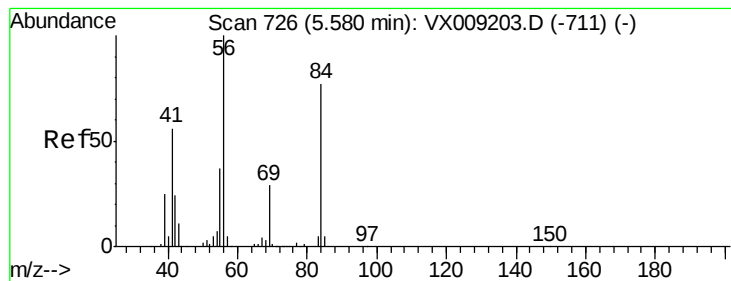
85 66.4 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.209 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

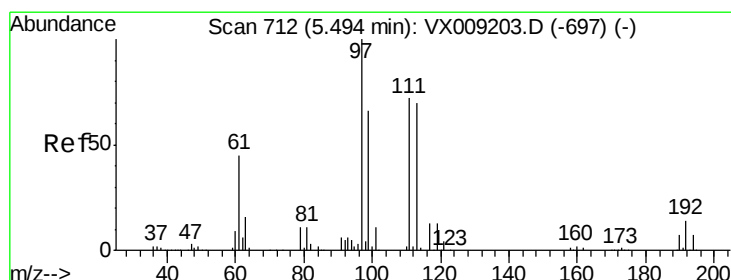
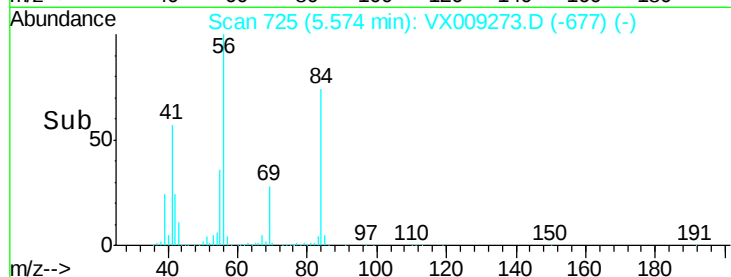
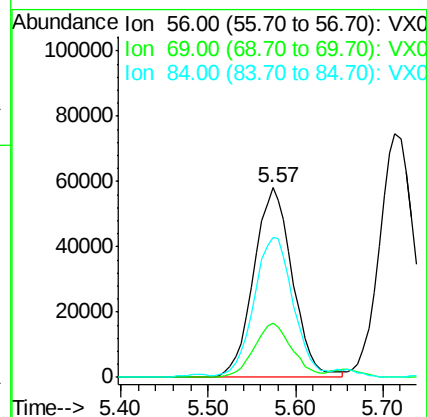
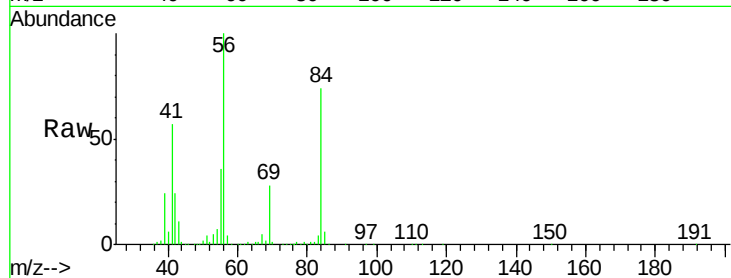
Tot Ion: 56 Resp: 178501

Ion Ratio Lower Upper

56 100

69 28.4 23.4 35.0

84 72.6 61.9 92.9



#32

1,1,1-Trichloroethane

Concen: 47.023 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

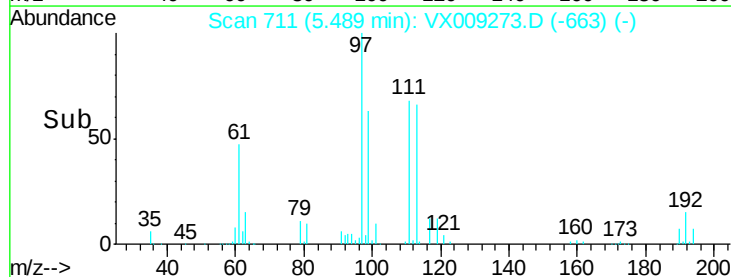
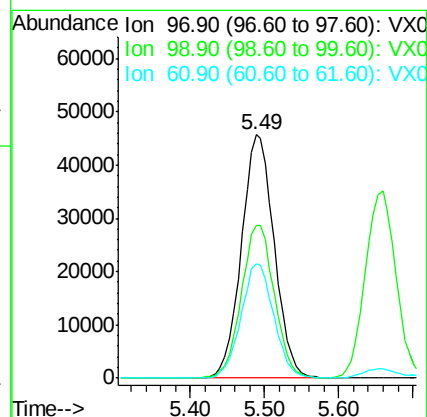
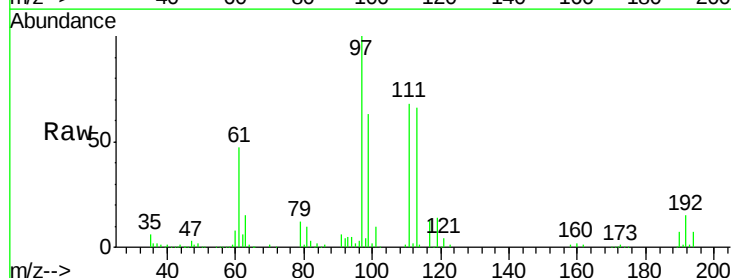
Tgt Ion: 97 Resp: 140899

Ion Ratio Lower Upper

97 100

99 63.3 51.8 77.8

61 47.2 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 48.928 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

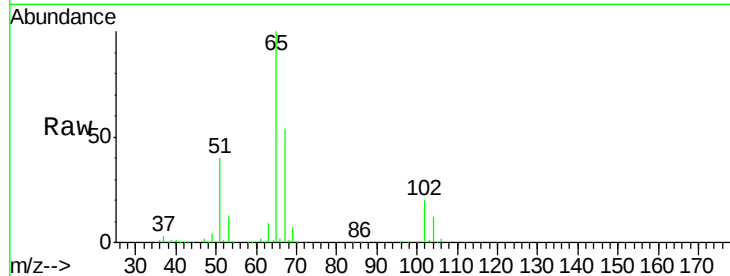
VSTDCCC050

Tot Ion: 65 Resp: 122535

Ion Ratio Lower Upper

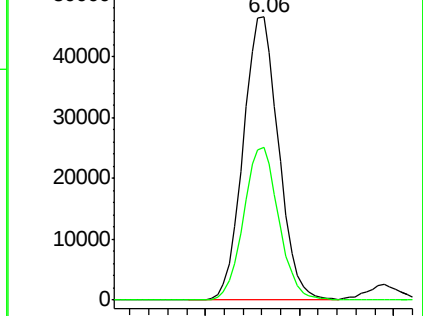
65 100

67 53.9 0.0 106.6

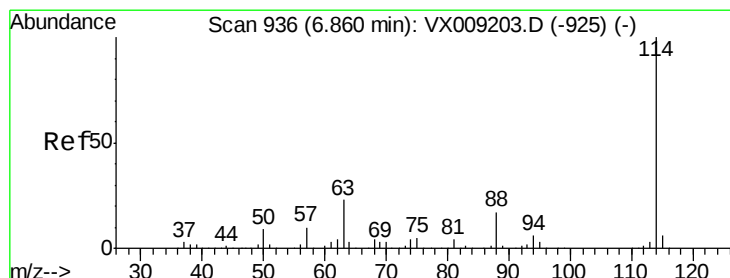
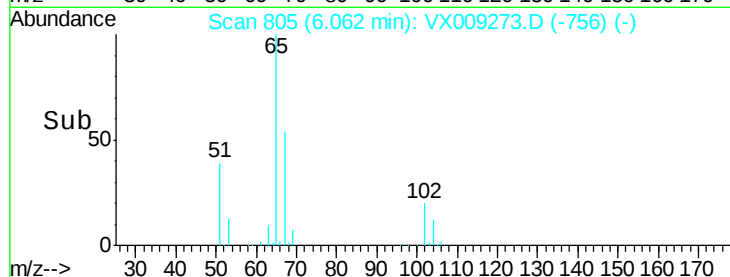


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

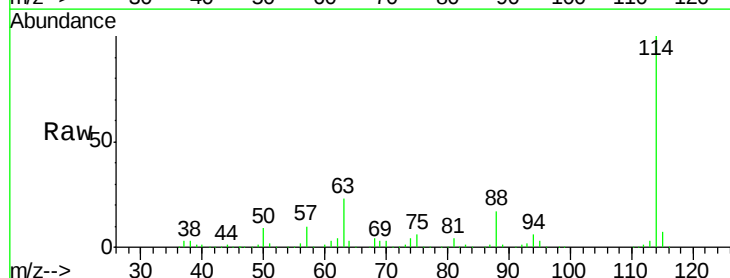
Tgt Ion: 114 Resp: 288246

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.6

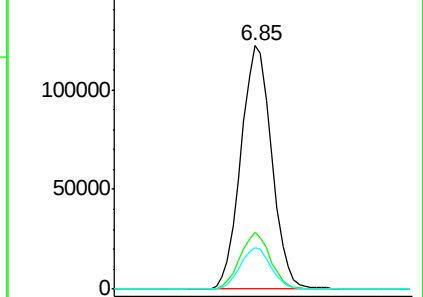
88 16.8 0.0 33.2



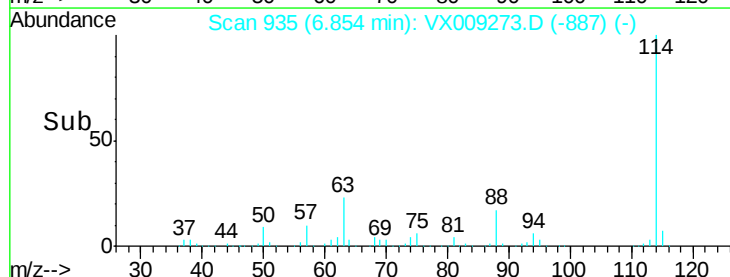
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->

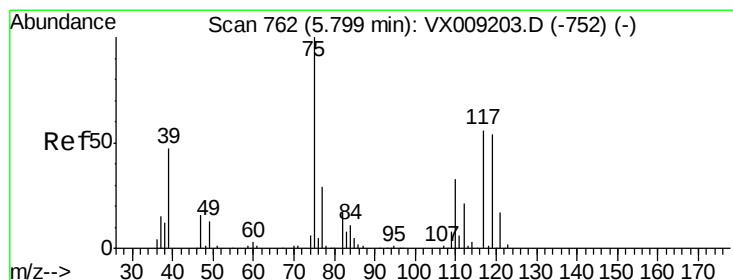
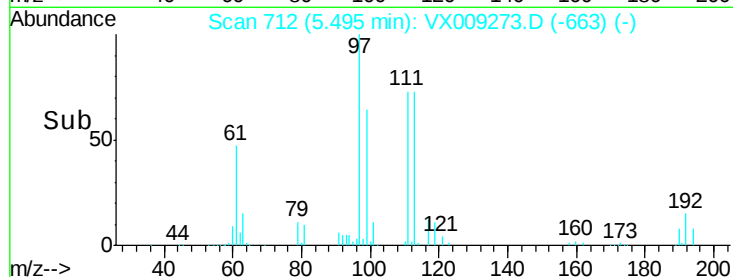
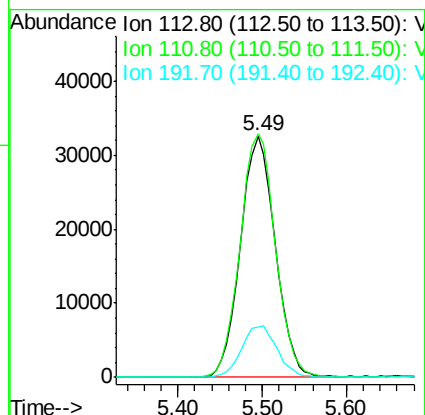
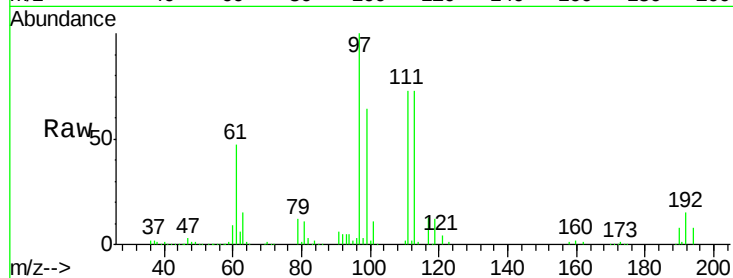




#35
Dibromofluoromethane
Concen: 50.320 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

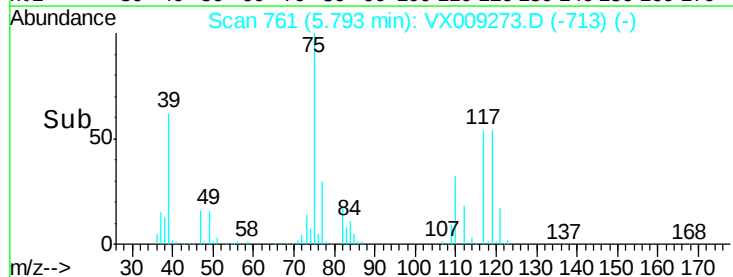
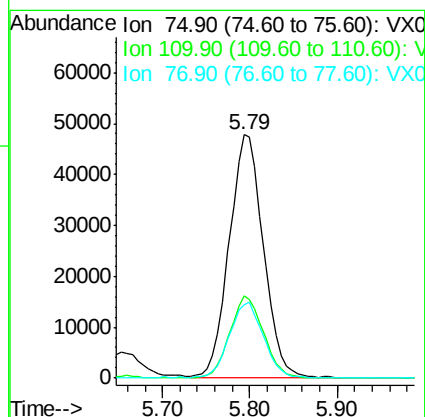
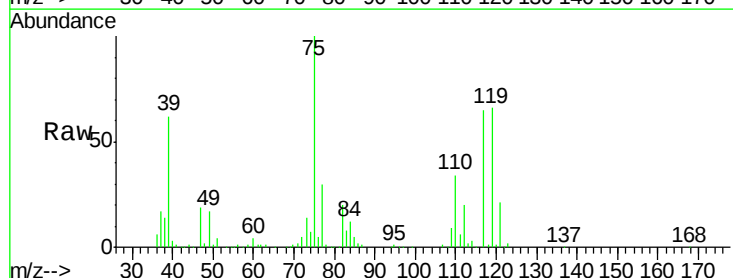
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

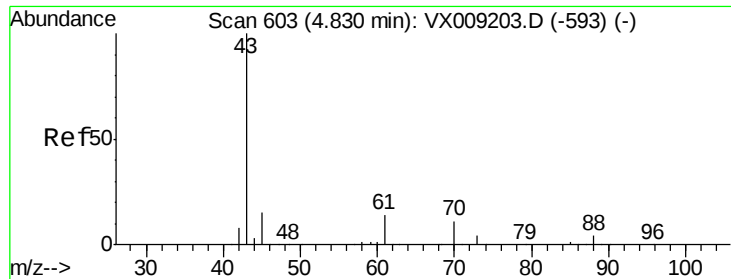
Tot Ion:113 Resp: 91181
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 21.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 48.469 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

Tgt Ion: 75 Resp: 129835
Ion Ratio Lower Upper
75 100
110 33.5 16.9 50.6
77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 49.350 ug/l

RT: 4.83 min Scan# 603

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

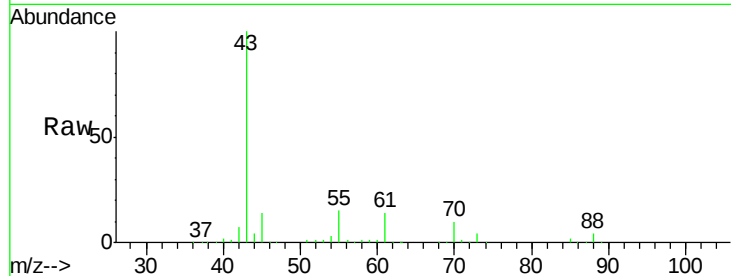
Tot Ion: 43 Resp: 184187

Ion Ratio Lower Upper

43 100

61 12.8 10.5 15.7

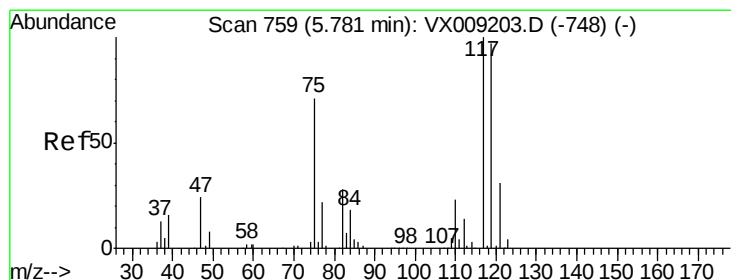
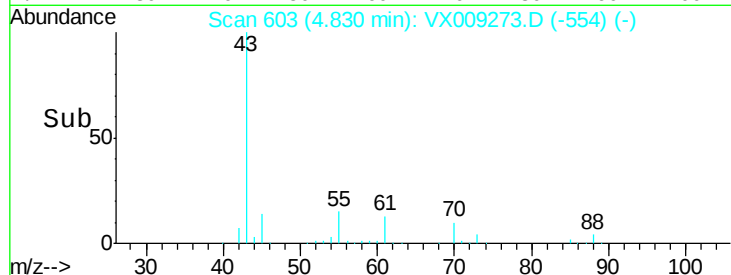
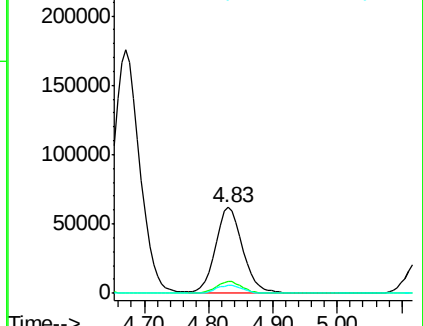
70 9.6 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX009273.D (-554) (-)

Ion 60.90 (60.60 to 61.60): VX009273.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX009273.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 48.317 ug/l

RT: 5.78 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

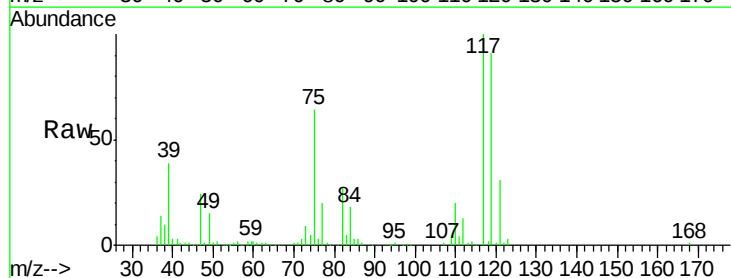
Tgt Ion: 117 Resp: 117592

Ion Ratio Lower Upper

117 100

119 91.2 77.5 116.3

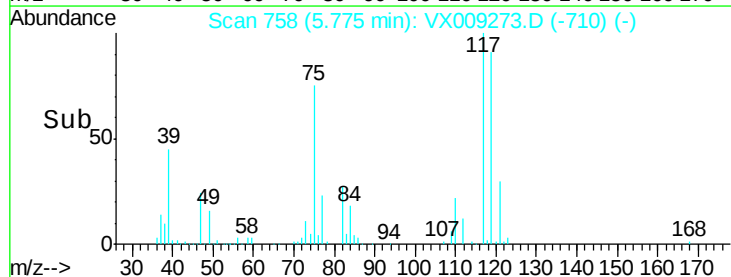
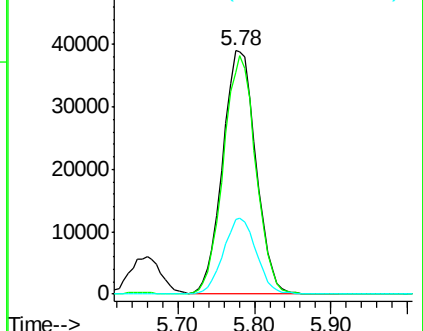
121 30.6 24.7 37.1

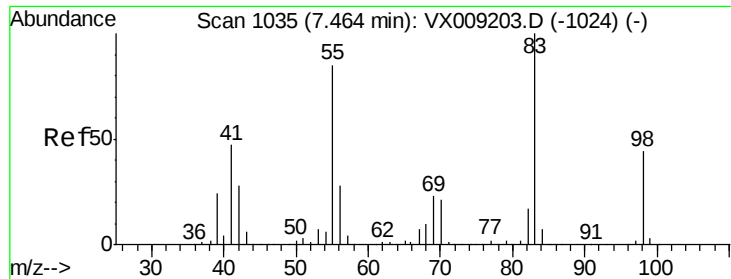


Abundance Ion 116.80 (116.50 to 117.50): VX009273.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX009273.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX009273.D (-710) (-)

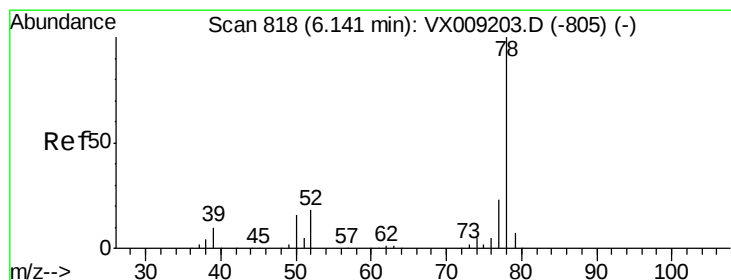
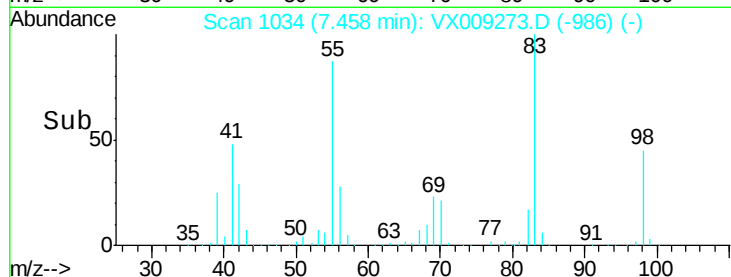
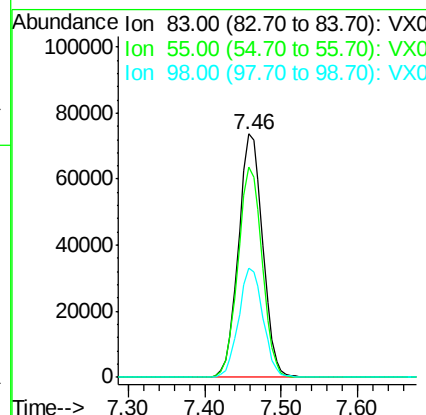
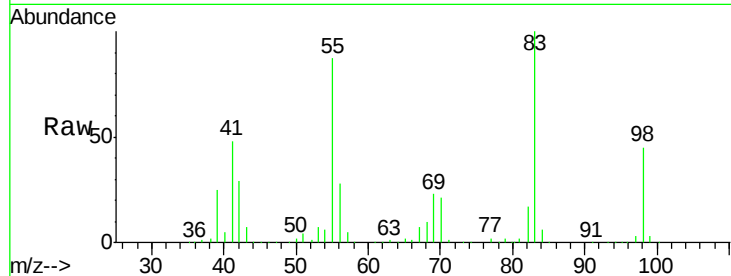




#39
Methvlcvclohexane
Concen: 49.152 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

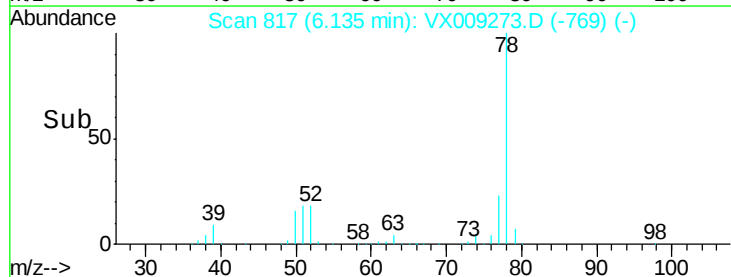
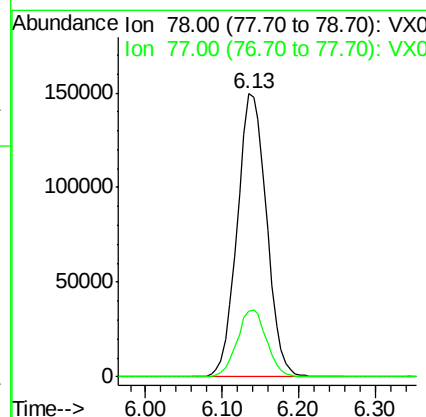
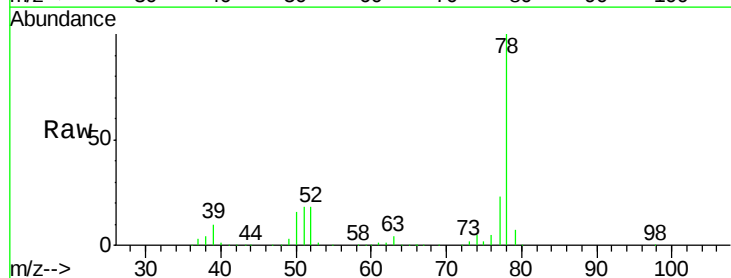
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 161697
Ion Ratio Lower Upper
83 100
55 86.6 67.7 101.5
98 44.7 35.5 53.3



#40
Benzene
Concen: 47.941 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

Tgt Ion: 78 Resp: 397437
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2





#41

Methacrylonitrile

Concen: 47.202 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 104867

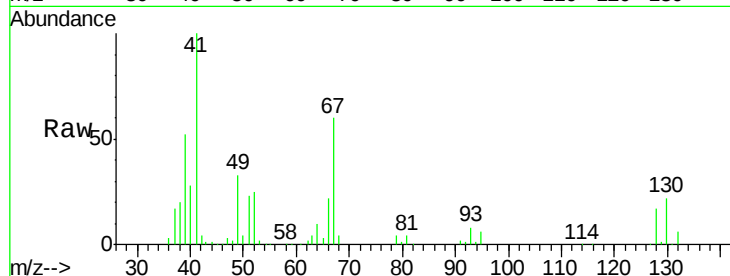
Ion Ratio Lower Upper

41 100

39 53.4 42.0 63.0

67 62.6 49.8 74.8

52 25.8 20.3 30.5

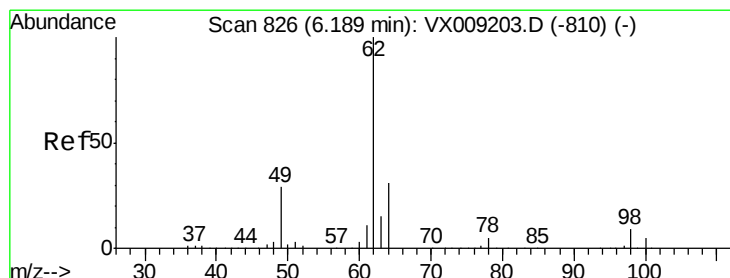
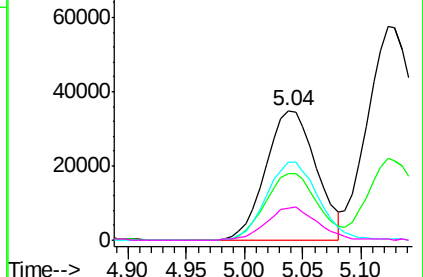
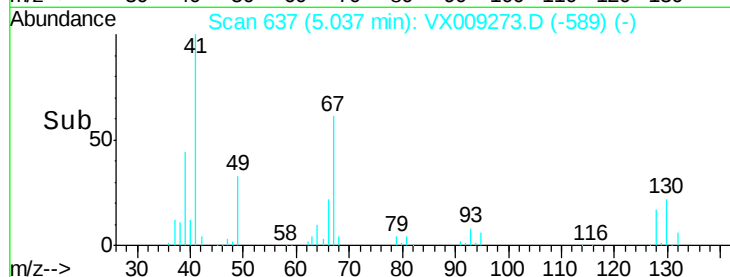


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 48.124 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009273.D

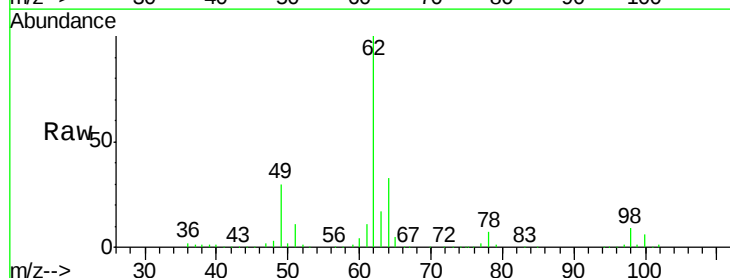
Acq: 02 May 2019 14:48

Tgt Ion: 62 Resp: 143112

Ion Ratio Lower Upper

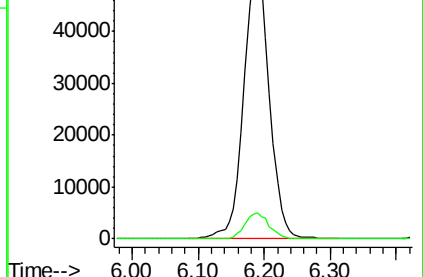
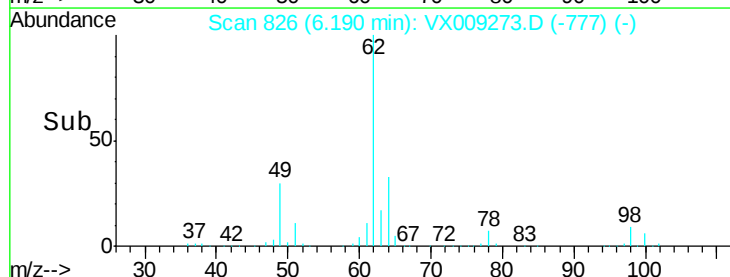
62 100

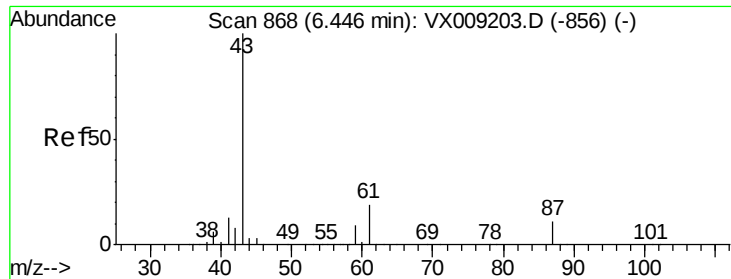
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.982 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

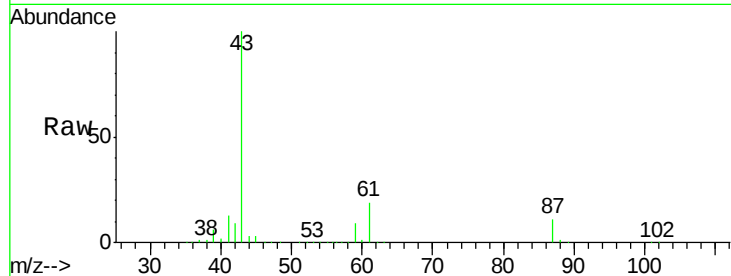
Tot Ion: 43 Resp: 292420

Ion Ratio Lower Upper

43 100

61 18.9 15.1 22.7

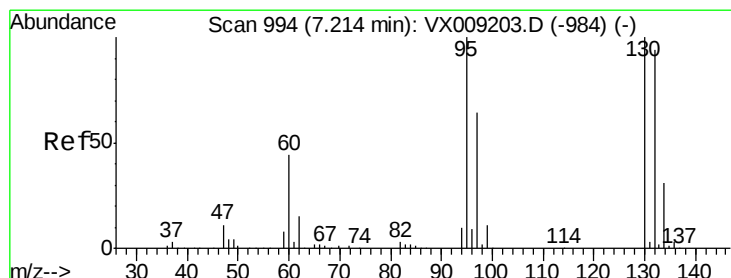
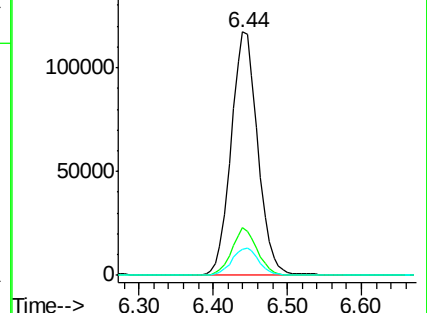
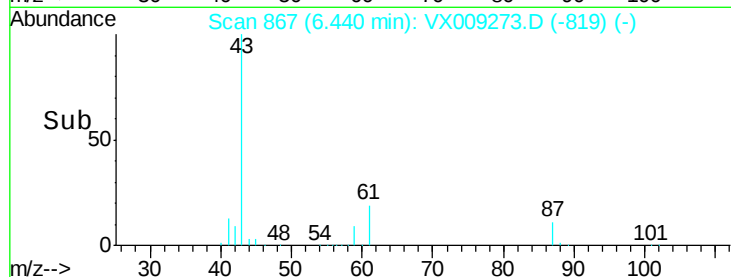
87 11.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.713 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009273.D

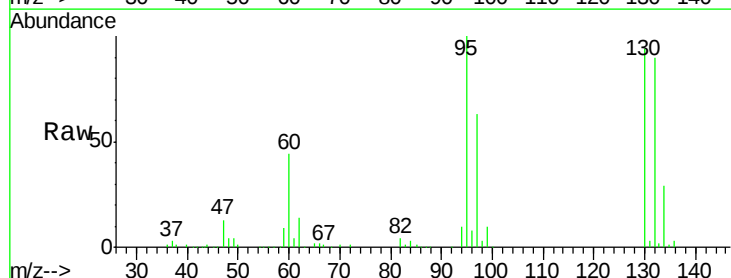
Acq: 02 May 2019 14:48

Tgt Ion:130 Resp: 95624

Ion Ratio Lower Upper

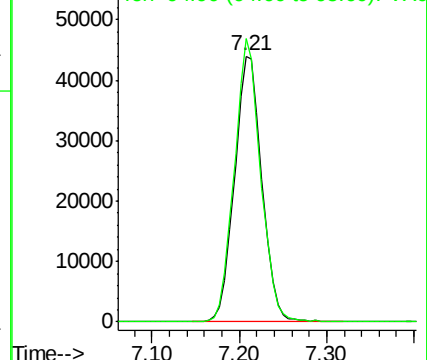
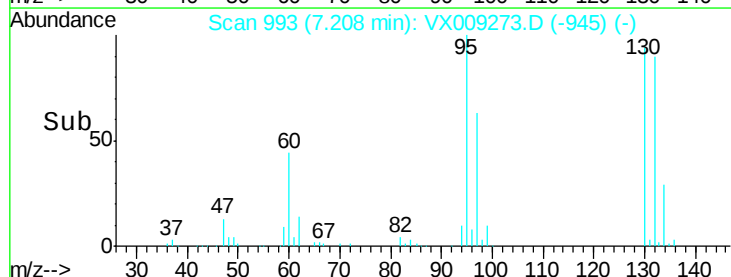
130 100

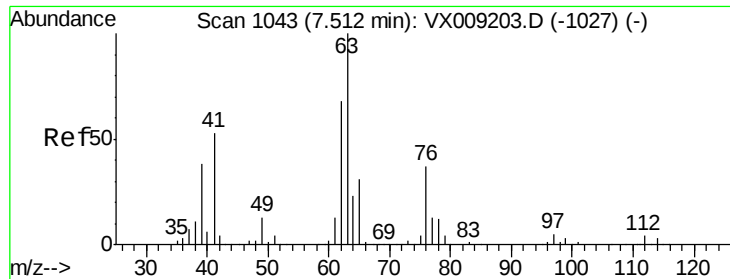
95 106.4 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.400 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

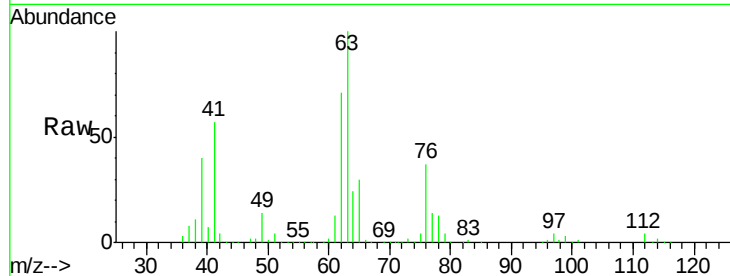
VSTDCCC050

Tot Ion: 63 Resp: 113616

Ion Ratio Lower Upper

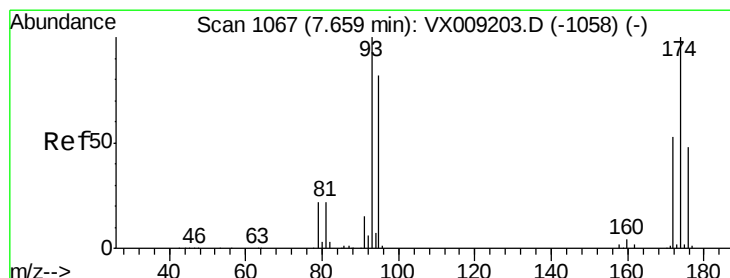
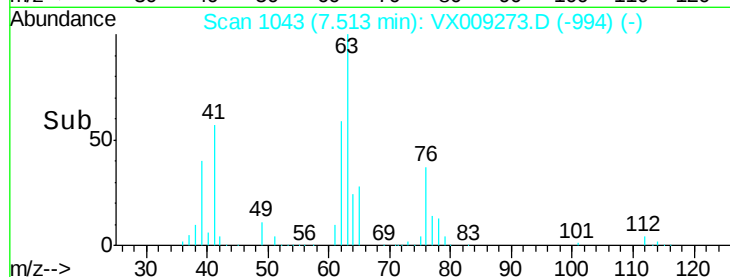
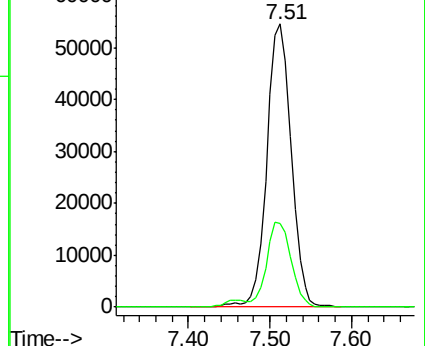
63 100

65 29.6 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.091 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

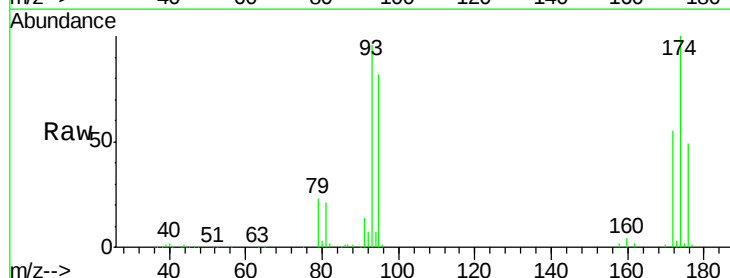
Tgt Ion: 93 Resp: 64193

Ion Ratio Lower Upper

93 100

95 84.2 66.5 99.7

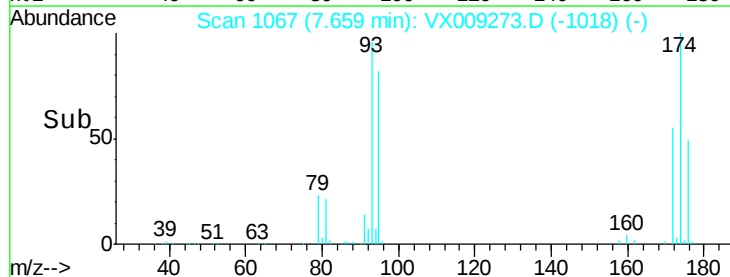
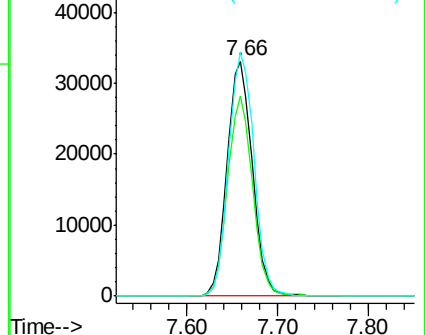
174 104.1 82.1 123.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.549 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

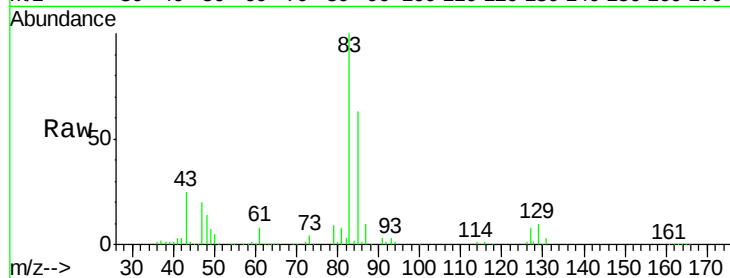
Tot Ion: 83 Resp: 132012

Ion Ratio Lower Upper

83 100

85 63.1 52.4 78.6

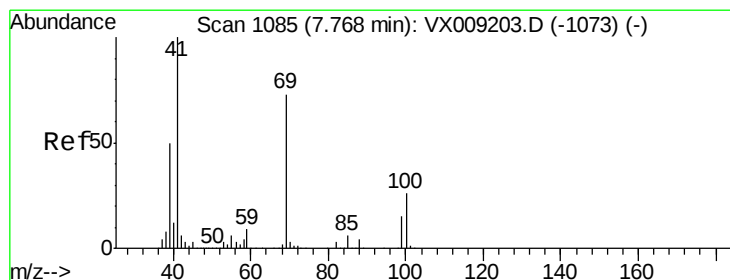
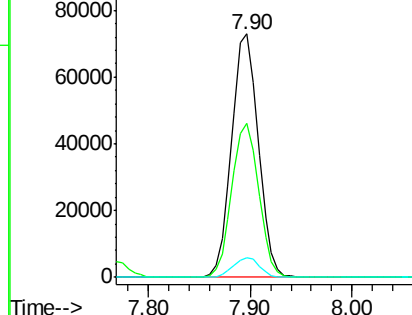
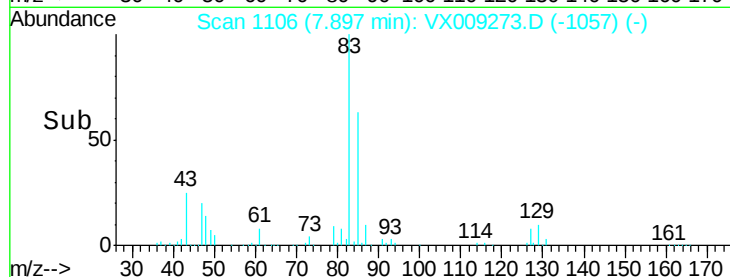
127 8.0 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.141 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

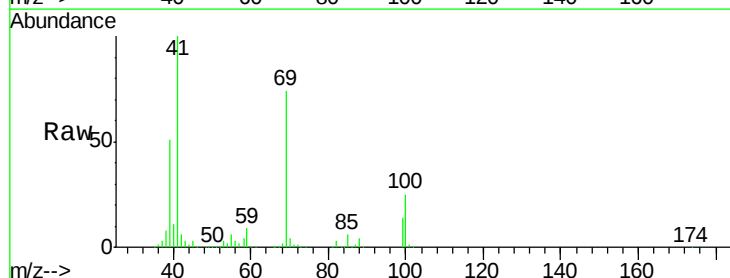
Tgt Ion: 41 Resp: 148507

Ion Ratio Lower Upper

41 100

69 72.5 59.1 88.7

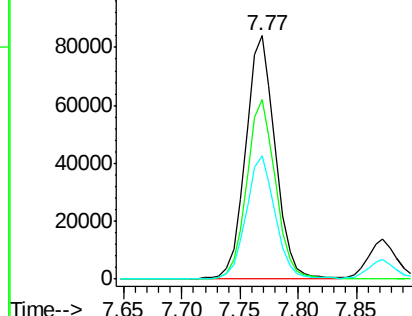
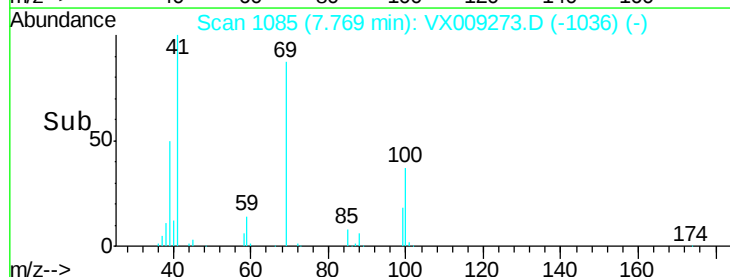
39 50.3 40.4 60.6

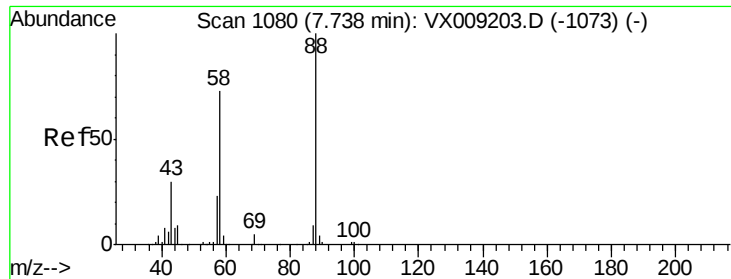


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 972.942 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

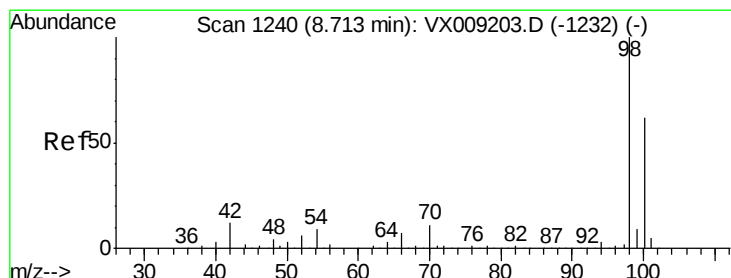
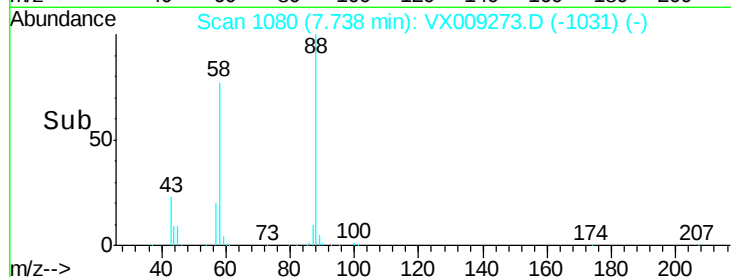
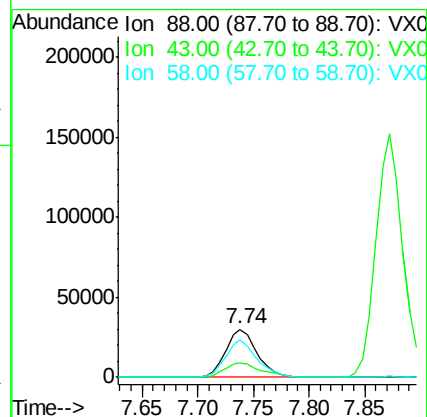
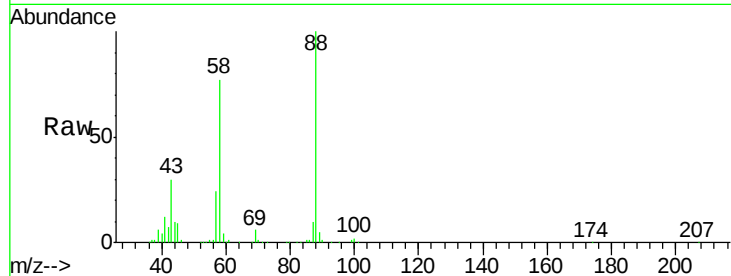
Tot Ion: 88 Resp: 58440

Ion Ratio Lower Upper

88 100

43 35.4 28.6 42.8

58 78.8 61.7 92.5



#50

Toluene-d8

Concen: 51.456 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009273.D

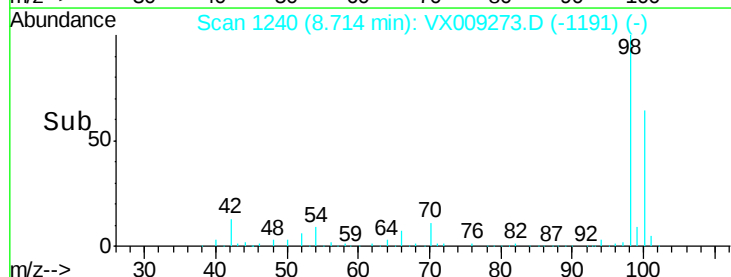
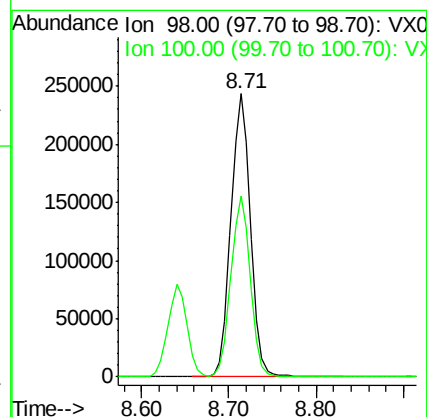
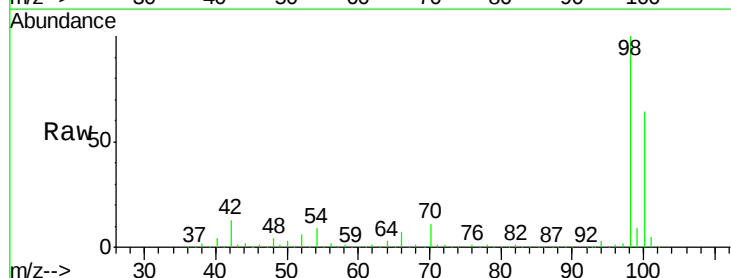
Acq: 02 May 2019 14:48

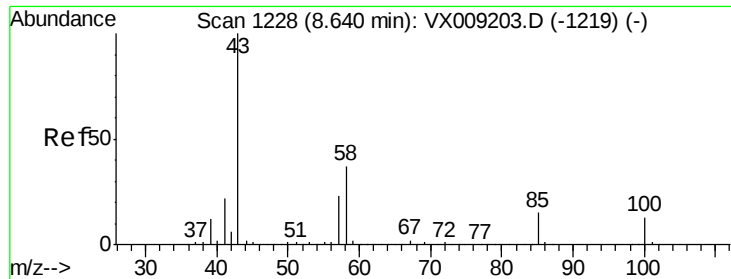
Tgt Ion: 98 Resp: 376430

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 248.003 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

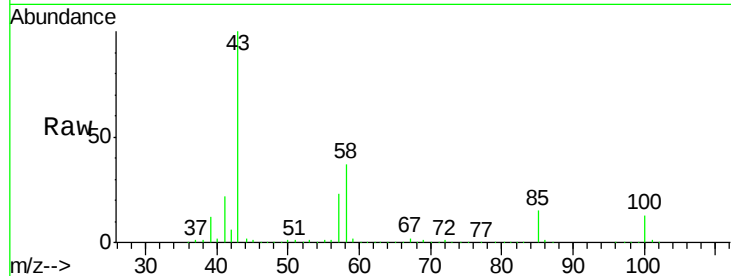
VSTDCCC050

Tot Ion: 43 Resp: 967724

Ion Ratio Lower Upper

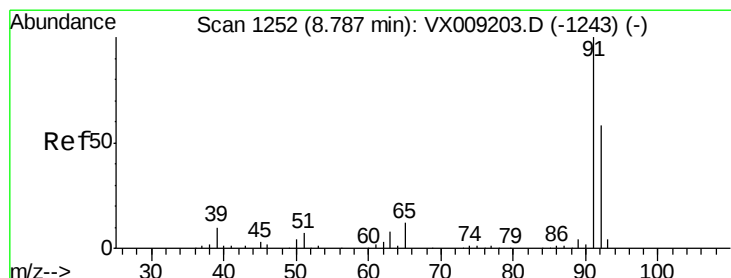
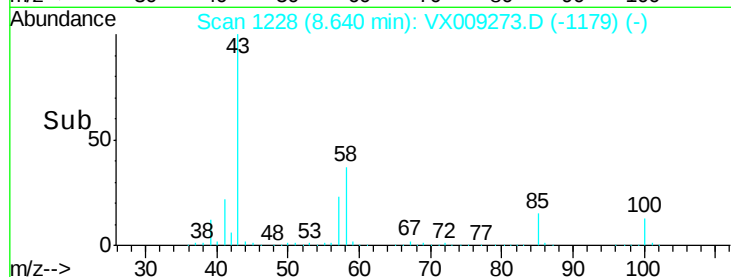
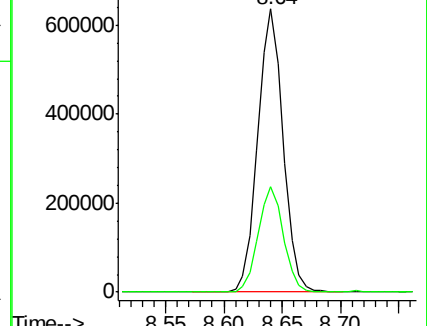
43 100

58 37.1 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.363 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009273.D

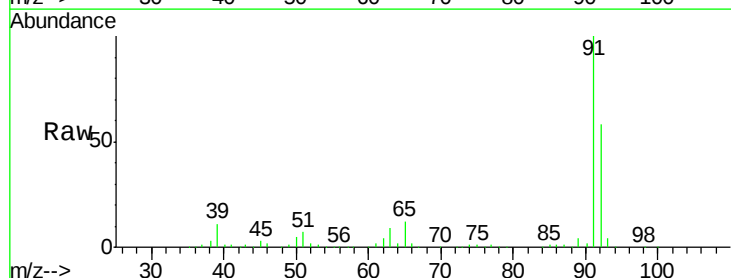
Acq: 02 May 2019 14:48

Tgt Ion: 92 Resp: 243720

Ion Ratio Lower Upper

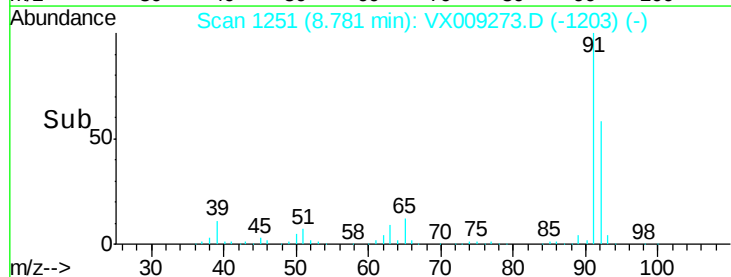
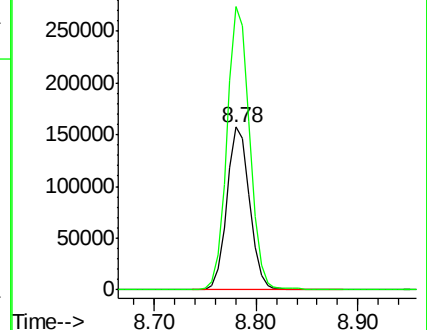
92 100

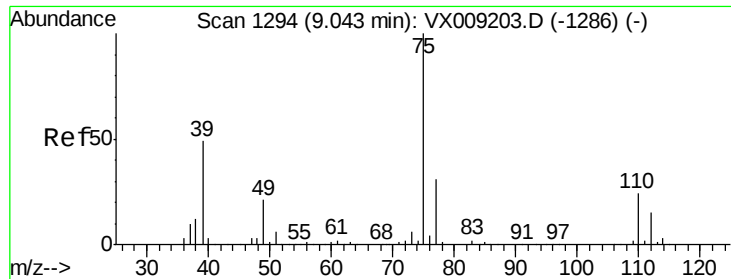
91 173.8 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.221 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

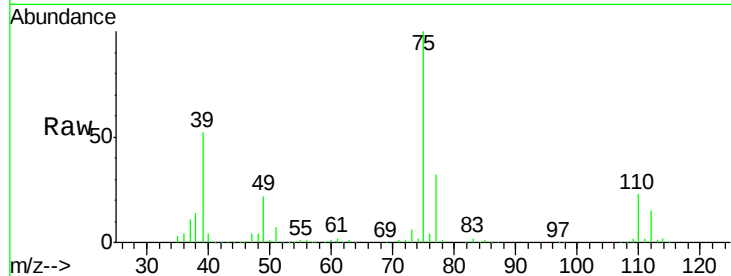
VSTDCCC050

Tot Ion: 75 Resp: 154178

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

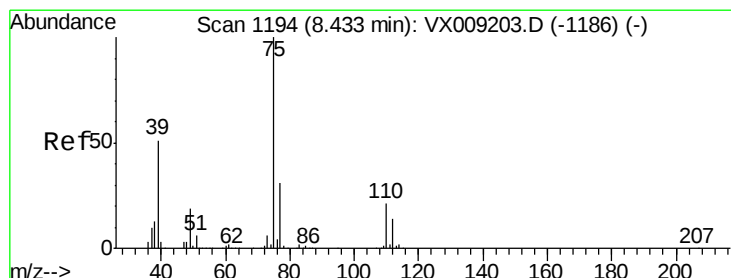
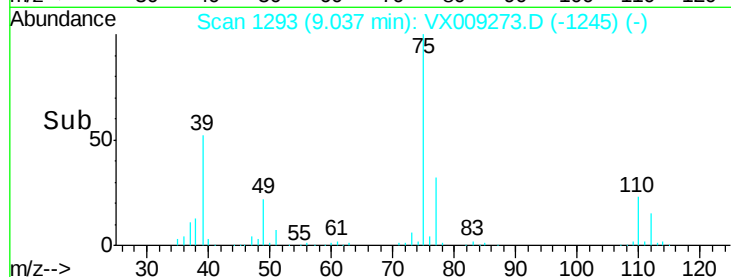
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.142 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

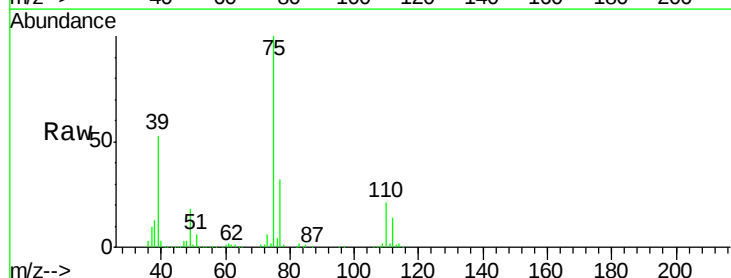
Tgt Ion: 75 Resp: 170381

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 53.0 40.6 60.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

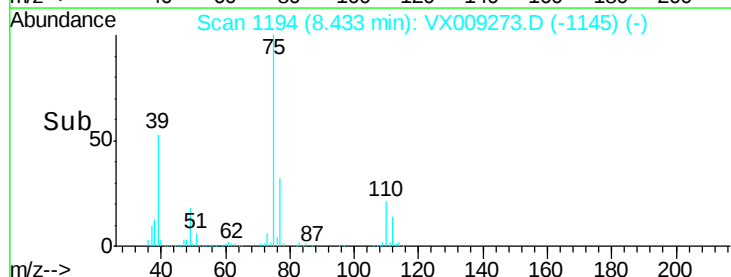
150000

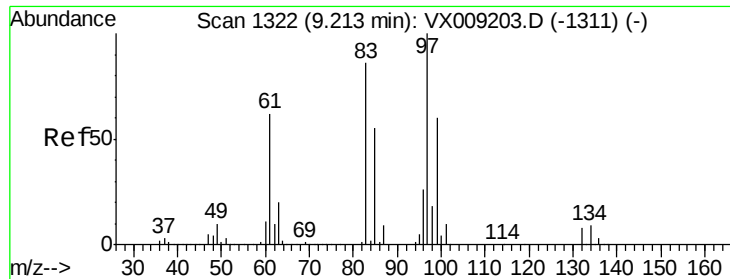
100000

50000

0

Time-->



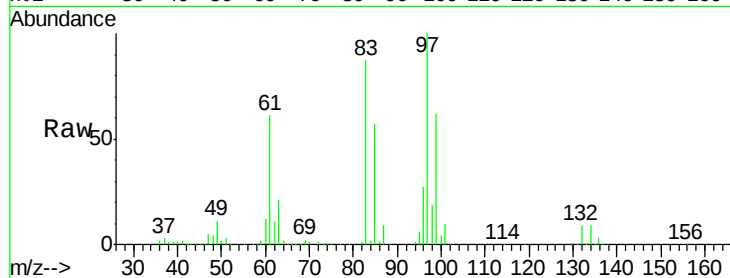


#55
 1,1,2-Trichloroethane
 Concen: 49.045 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009273.D
 Acq: 02 May 2019 14:48

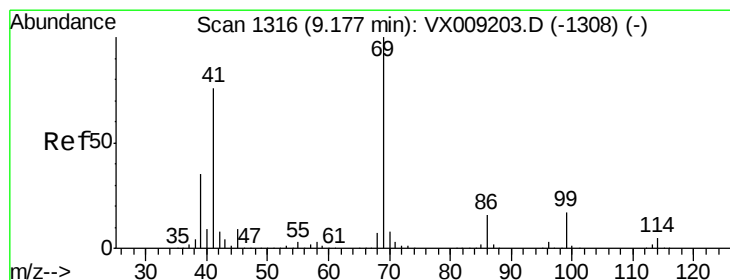
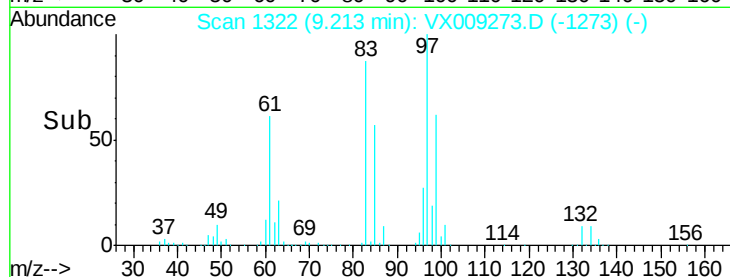
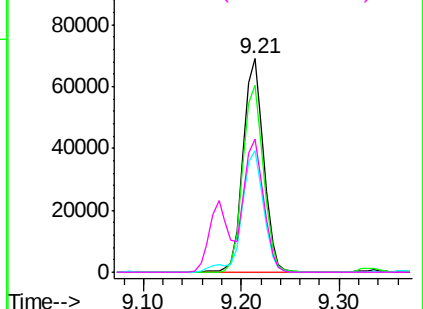
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 100833

Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.9	103.3
85	57.2	43.8	65.6
99	62.1	48.2	72.2



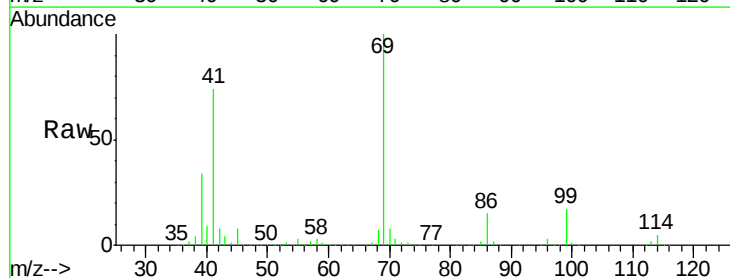
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



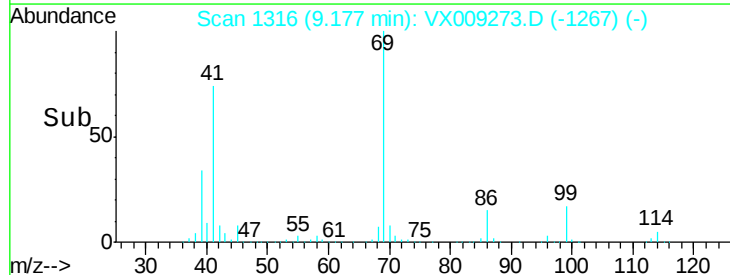
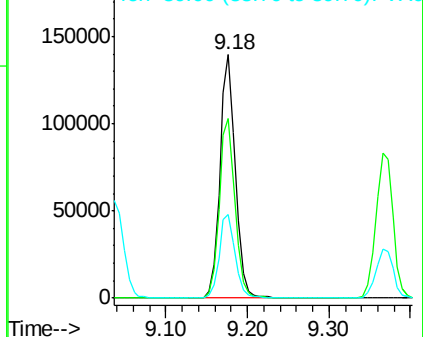
#56
 Ethyl methacrylate
 Concen: 50.480 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009273.D
 Acq: 02 May 2019 14:48

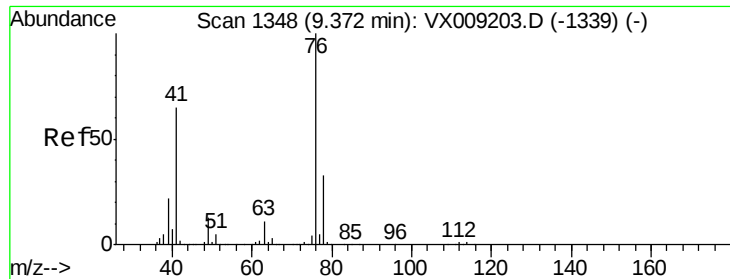
Tgt Ion: 69 Resp: 185258

Ion	Ratio	Lower	Upper
69	100		
41	75.4	60.6	90.8
39	35.3	28.2	42.4



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





#57

1,3-Dichloropropane

Concen: 48.526 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

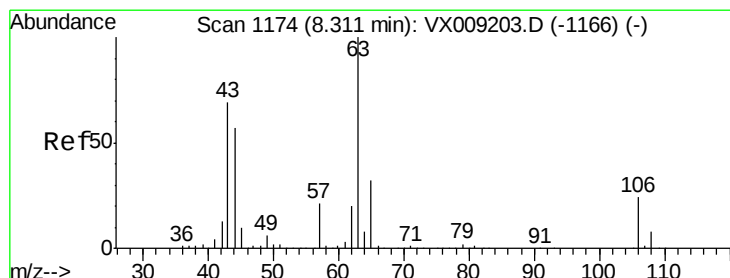
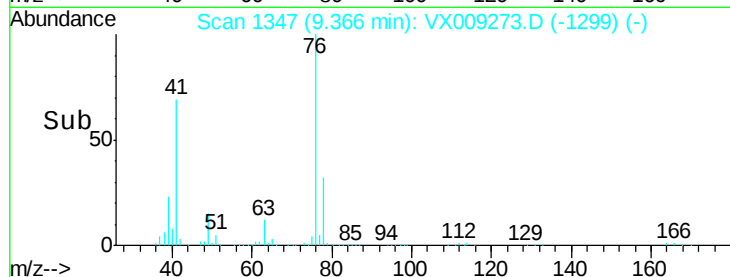
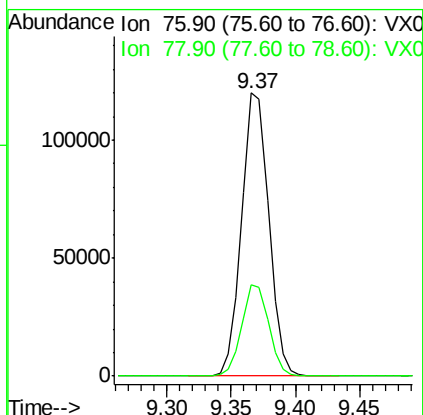
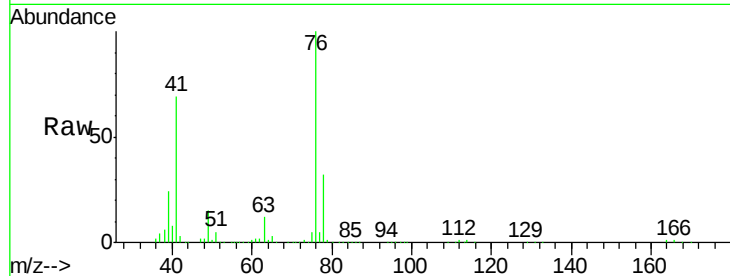
VSTDCCC050

Tot Ion: 76 Resp: 175561

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 251.884 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009273.D

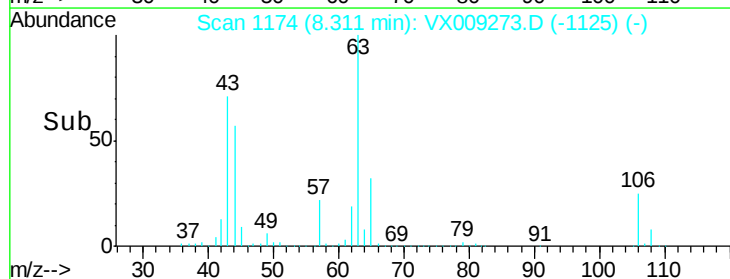
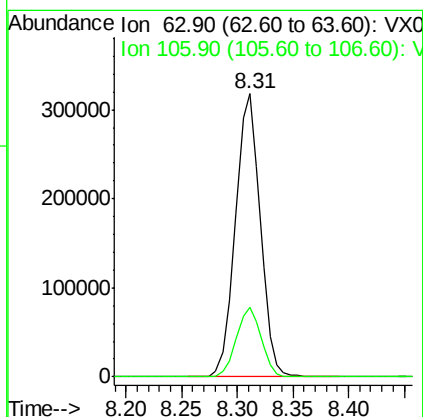
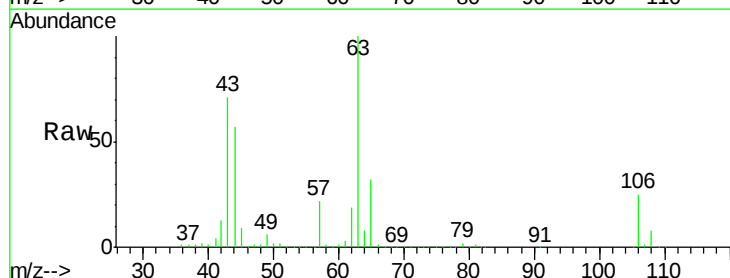
Acq: 02 May 2019 14:48

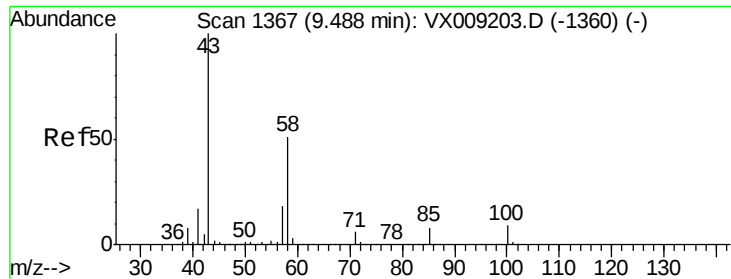
Tgt Ion: 63 Resp: 490389

Ion Ratio Lower Upper

63 100

106 24.6 19.7 29.5

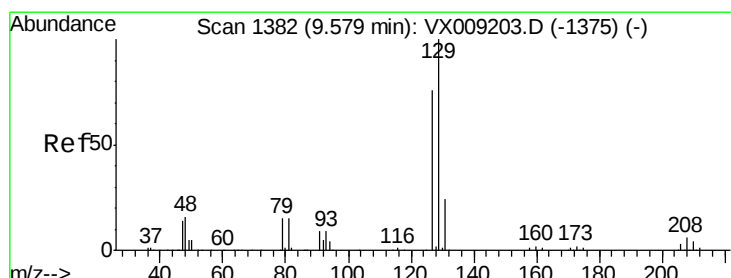
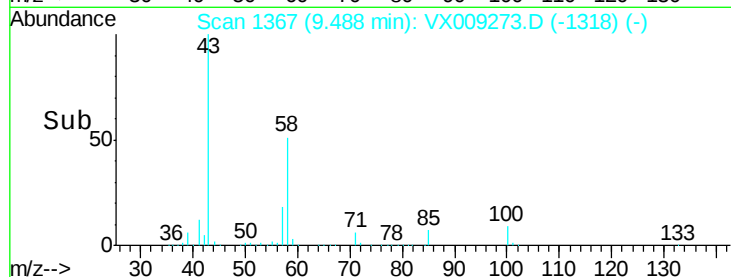
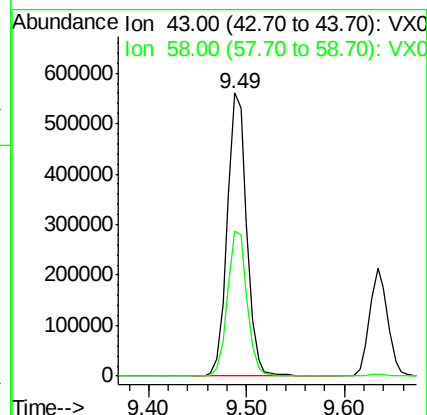
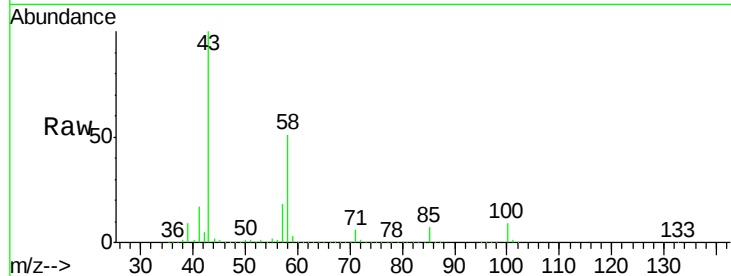




#59
2-Hexanone
Concen: 251.729 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

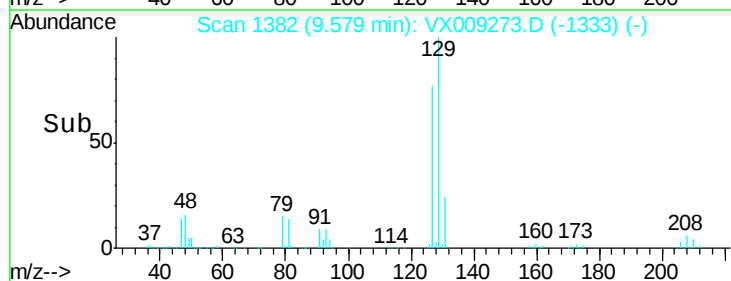
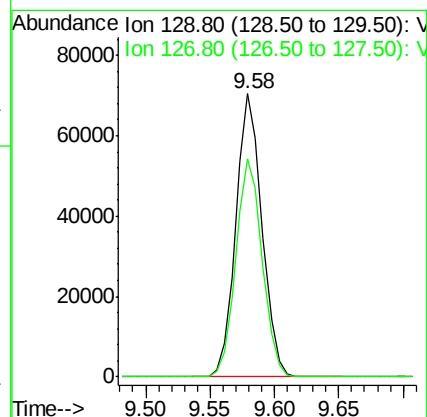
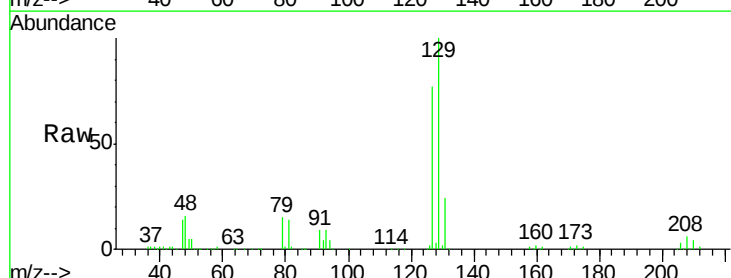
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

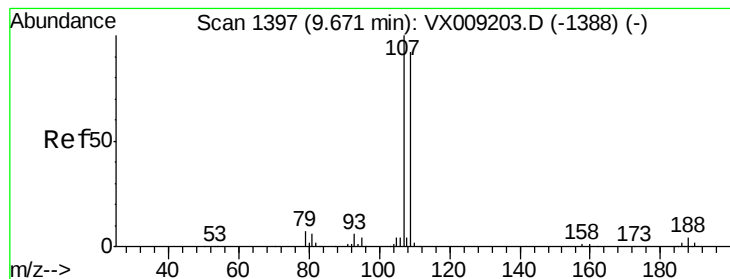
Tot Ion: 43 Resp: 771457
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7



#60
Dibromochloromethane
Concen: 49.575 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

Tgt Ion: 129 Resp: 99546
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 49.316 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

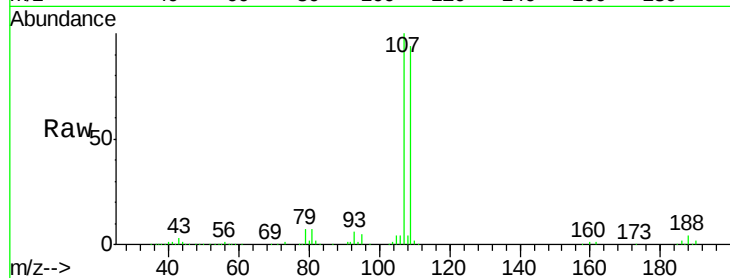
VSTDCCC050

Tot Ion:107 Resp: 102346

Ion Ratio Lower Upper

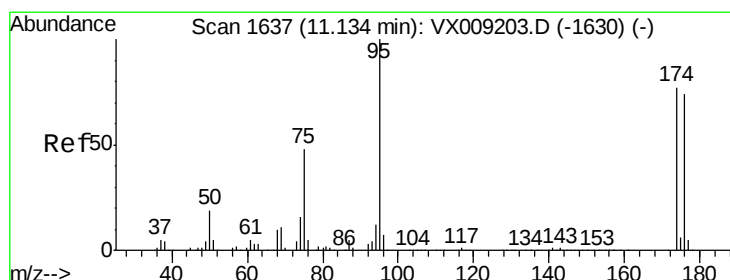
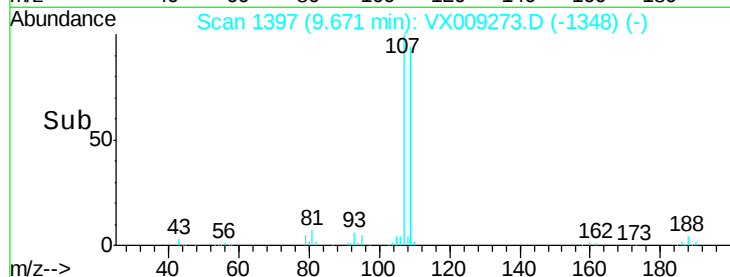
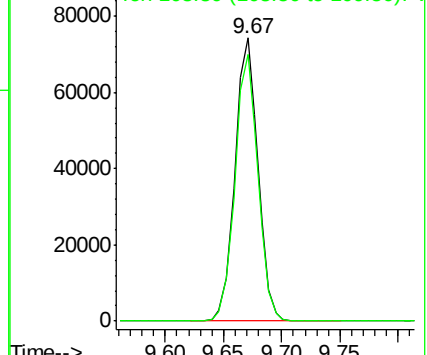
107 100

109 94.3 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.054 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

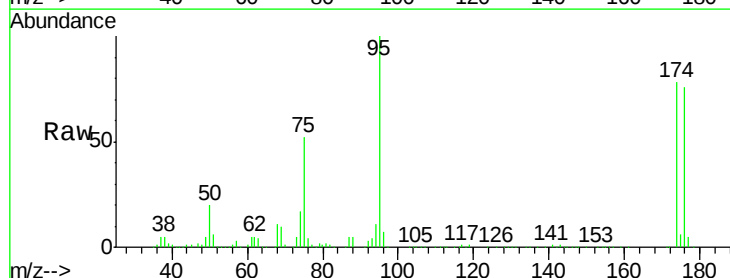
Tgt Ion: 95 Resp: 138372

Ion Ratio Lower Upper

95 100

174 81.1 0.0 161.6

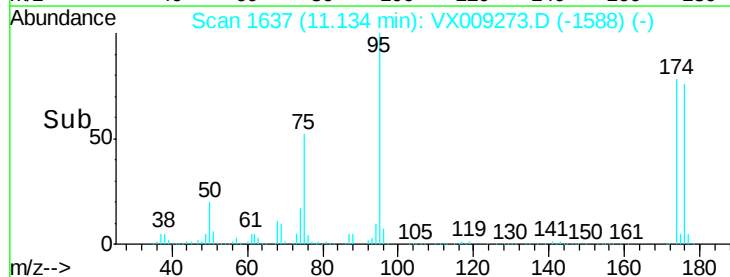
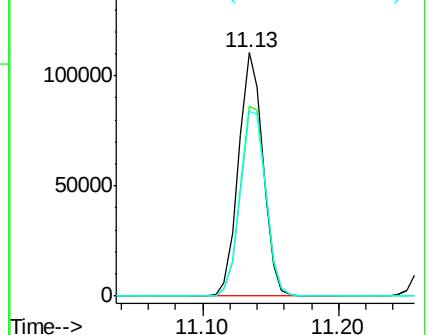
176 79.7 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

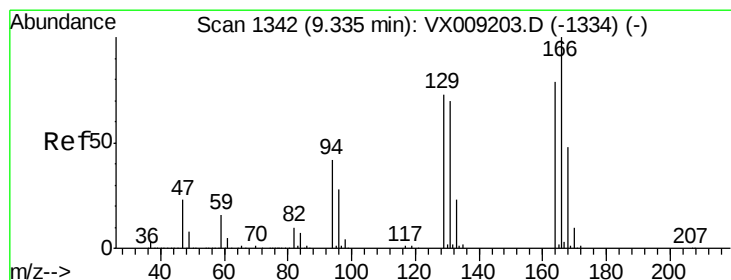
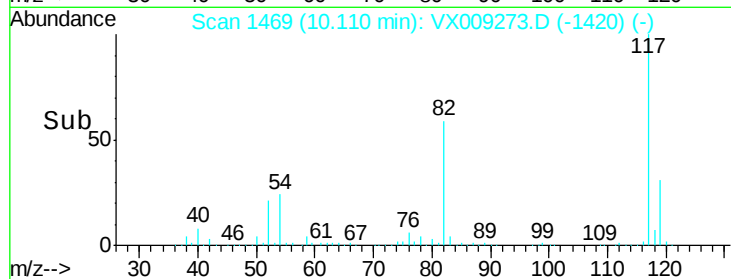
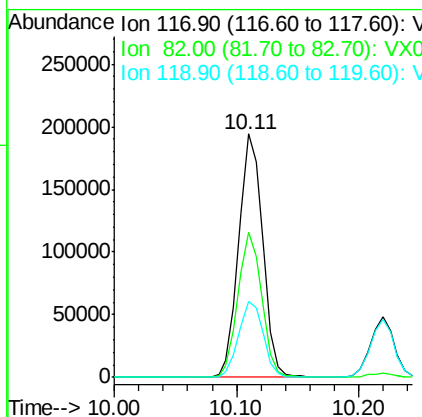
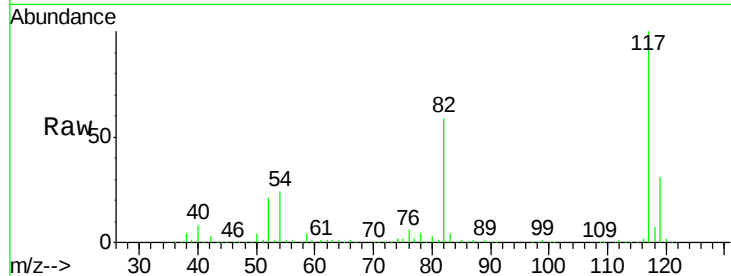




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

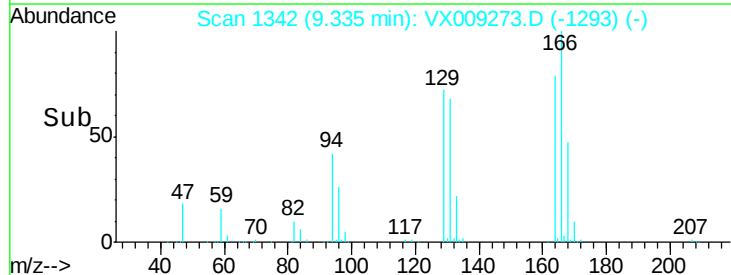
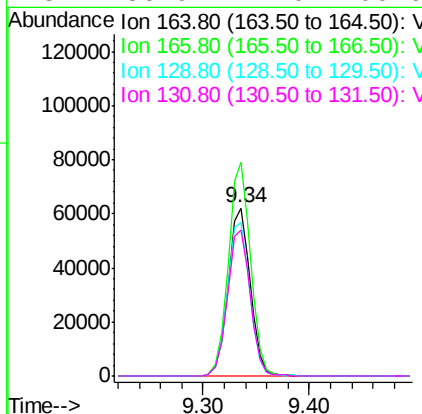
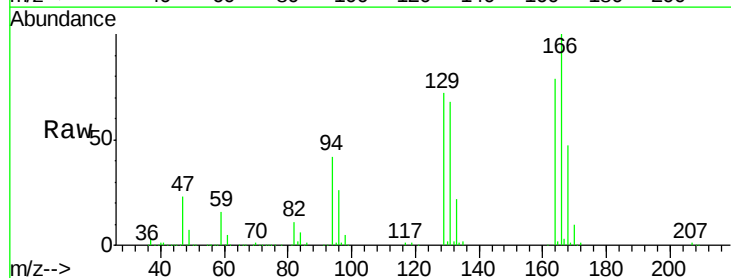
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

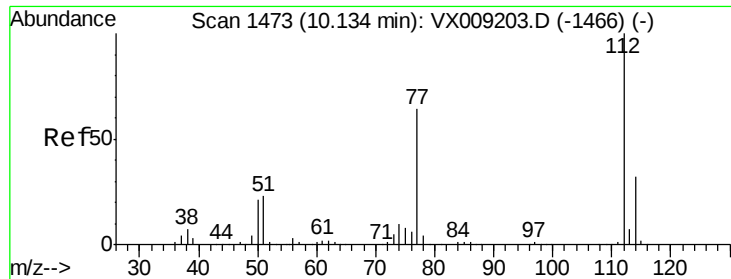
Tot Ion:117 Resp: 263269
Ion Ratio Lower Upper
117 100
82 59.4 48.8 73.2
119 31.4 25.8 38.6



#64
Tetrachloroethene
Concen: 50.184 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

Tgt Ion:164 Resp: 90627
Ion Ratio Lower Upper
164 100
166 126.9 101.2 151.8
129 91.0 74.3 111.5
131 86.9 71.0 106.6





#65

Chlorobenzene

Concen: 48.362 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

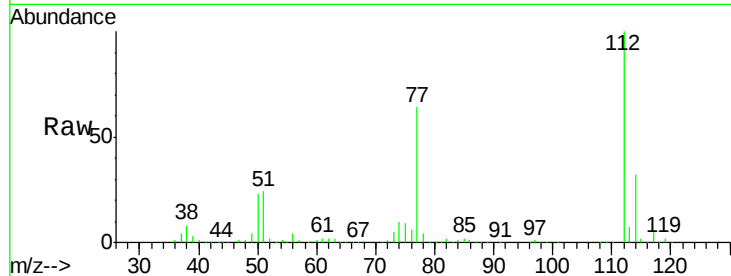
VSTDCCC050

Tot Ion:112 Resp: 254702

Ion Ratio Lower Upper

112 100

114 32.3 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

200000

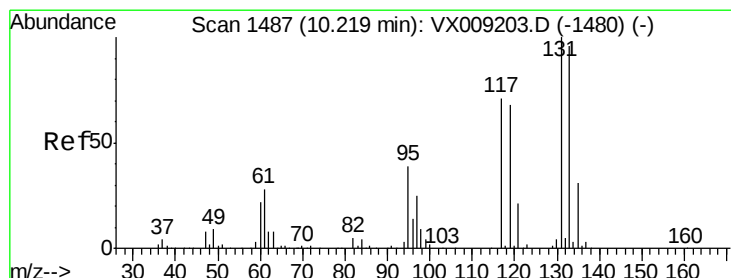
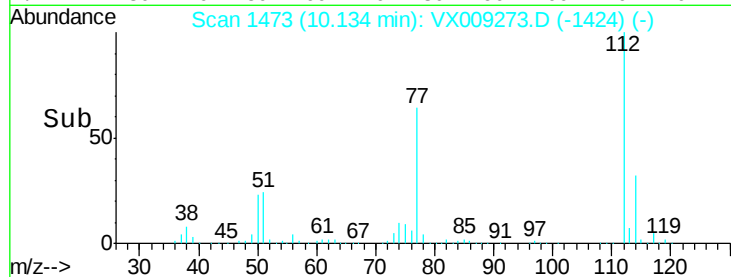
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.291 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

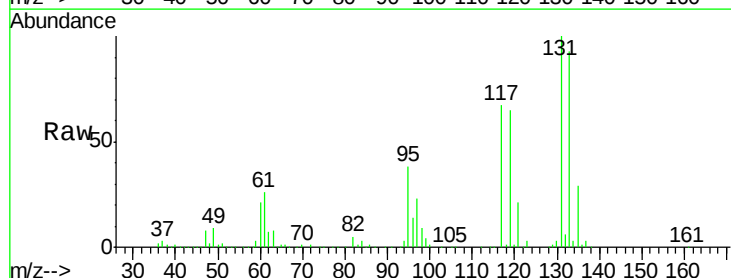
Tgt Ion:131 Resp: 94113

Ion Ratio Lower Upper

131 100

133 93.8 47.7 143.1

119 65.9 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

100000

80000

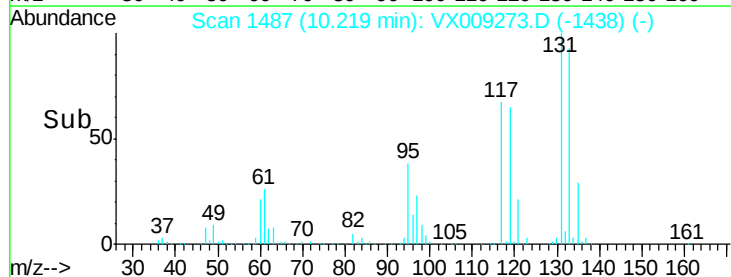
60000

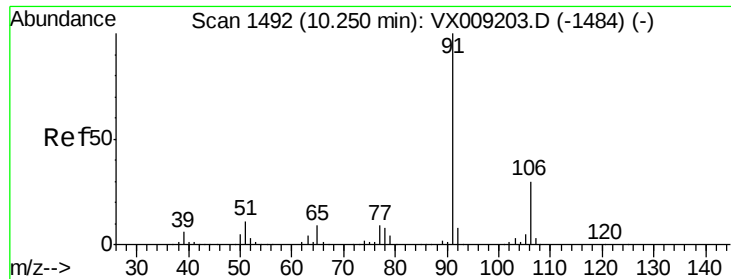
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 48.555 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

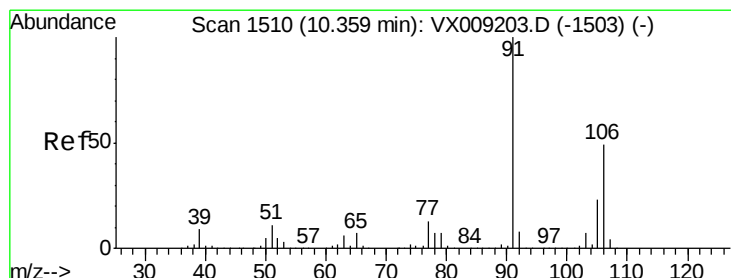
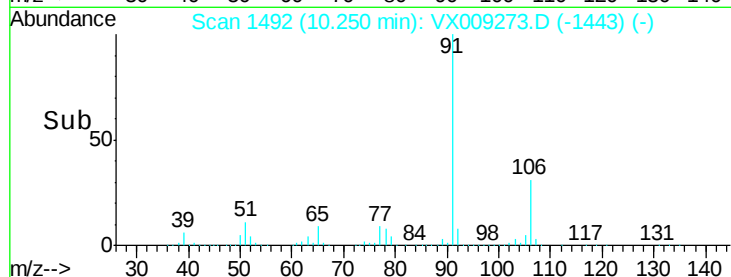
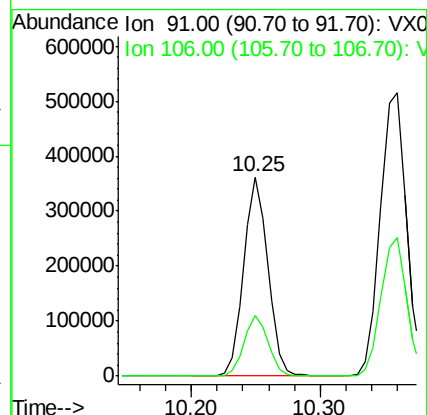
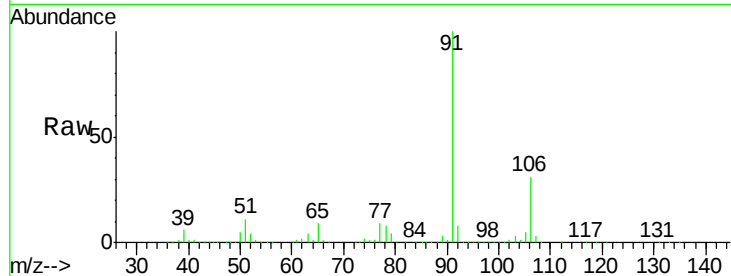
VSTDCCC050

Tot Ion: 91 Resp: 470615

Ion Ratio Lower Upper

91 100

106 30.7 24.0 36.0



#68

m/p-Xylenes

Concen: 98.581 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009273.D

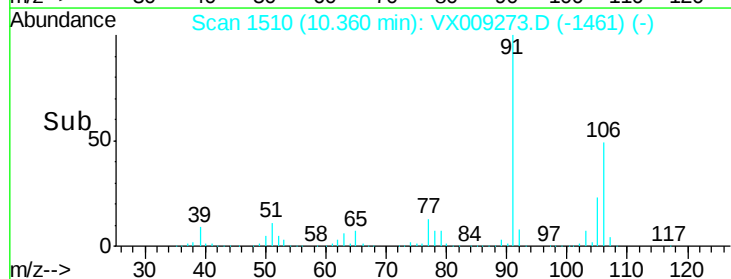
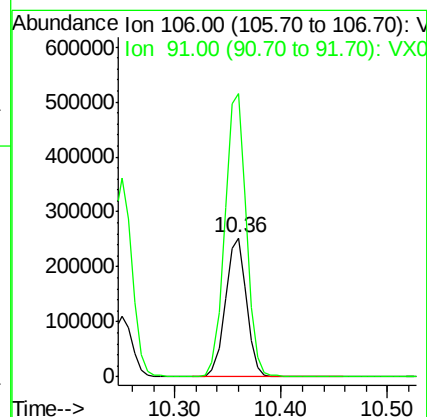
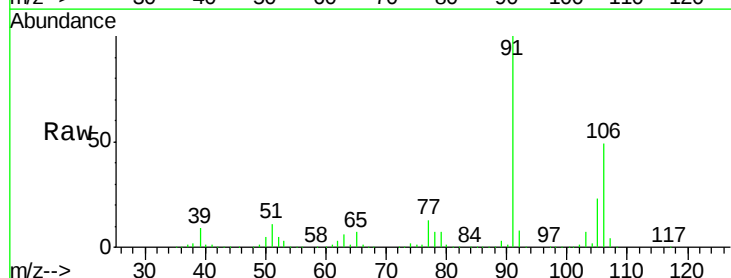
Acq: 02 May 2019 14:48

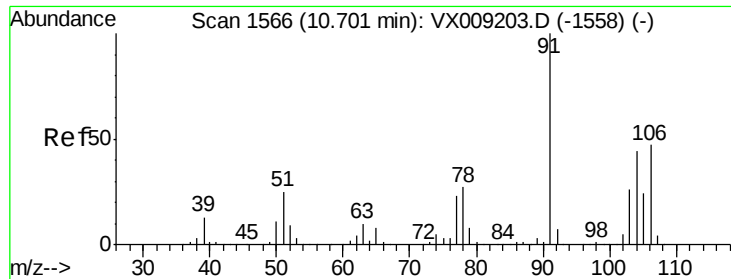
Tgt Ion: 106 Resp: 349167

Ion Ratio Lower Upper

106 100

91 207.5 164.0 246.0

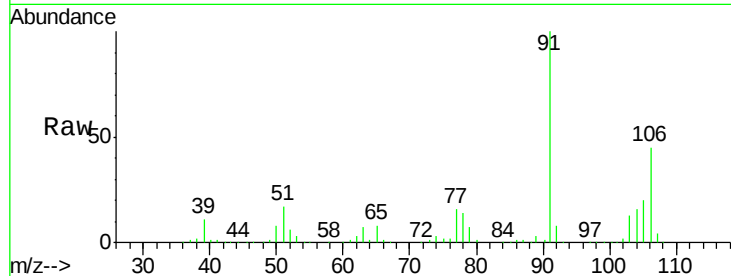




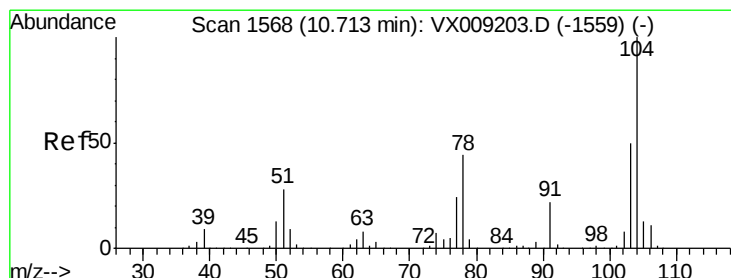
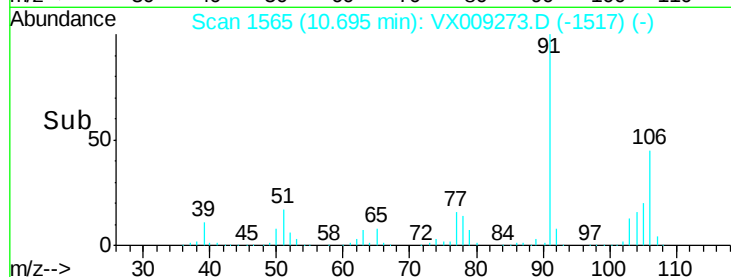
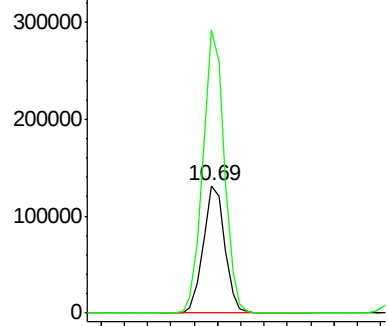
#69
o-Xylene
Concen: 48.606 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 169861
Ion Ratio Lower Upper
106 100
91 220.2 109.5 328.4

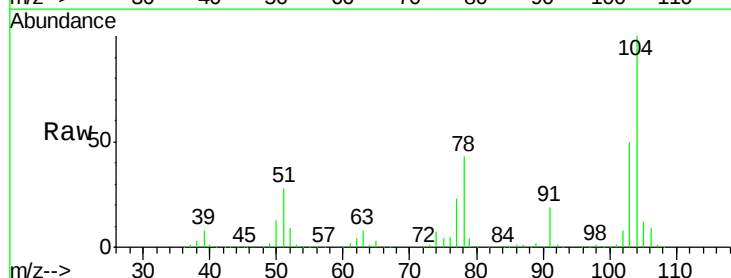


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

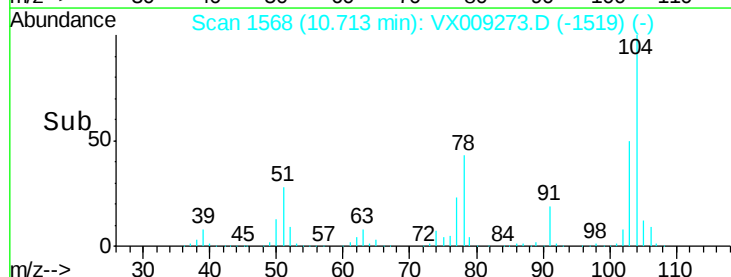
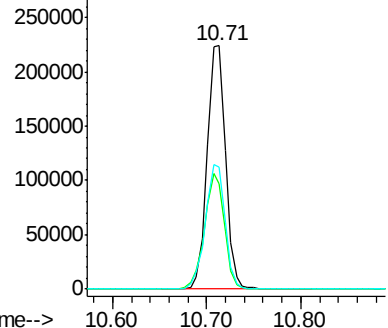


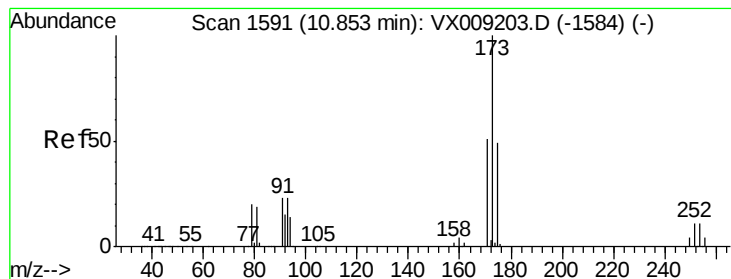
#70
Styrene
Concen: 50.061 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

Tgt Ion:104 Resp: 304070
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.4
103 55.0 43.8 65.6



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





#71

Bromoform

Concen: 49.492 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

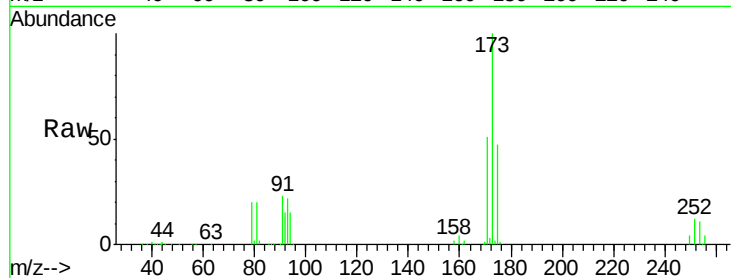
Tot Ion:173 Resp: 76793

Ion Ratio Lower Upper

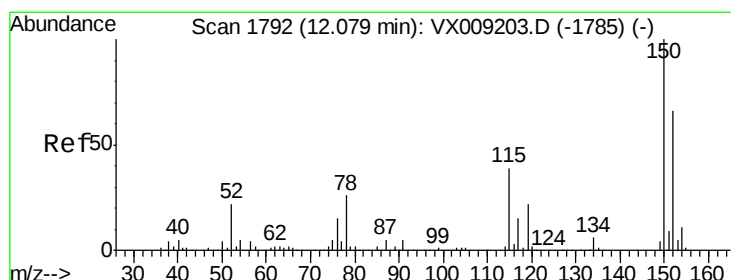
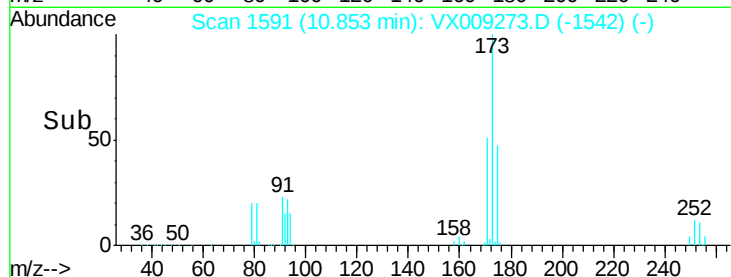
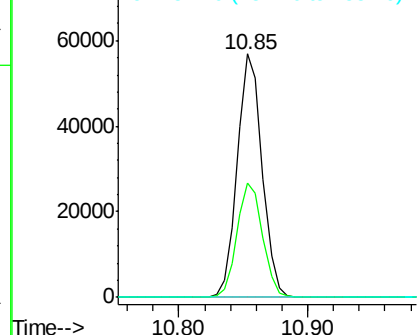
173 100

175 48.0 24.5 73.5

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

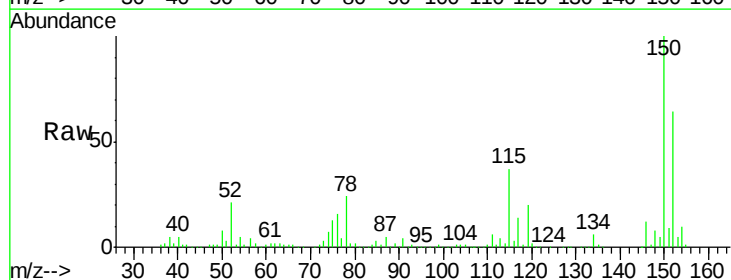
Tgt Ion:152 Resp: 132893

Ion Ratio Lower Upper

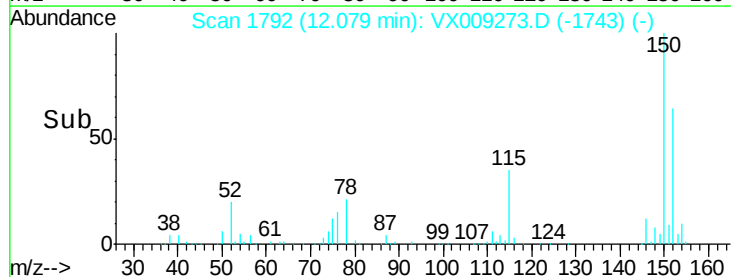
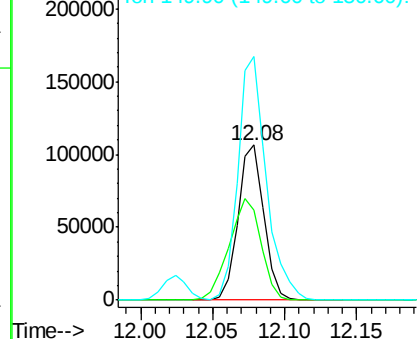
152 100

115 81.7 41.2 123.6

150 172.4 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.688 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

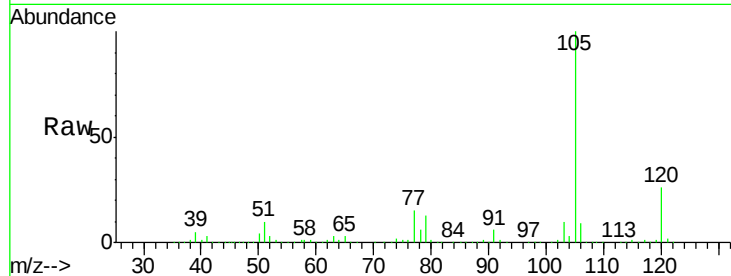
VSTDCCC050

Tot Ion:105 Resp: 460850

Ion Ratio Lower Upper

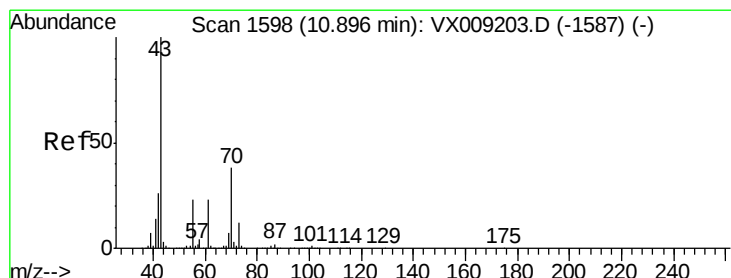
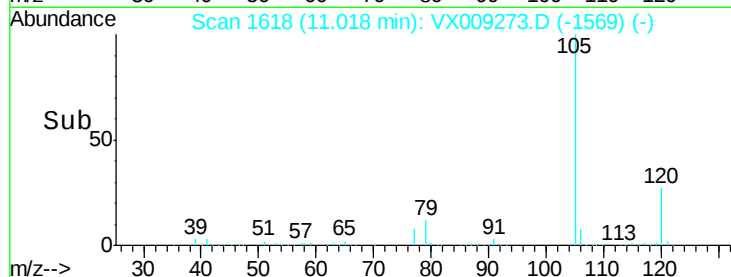
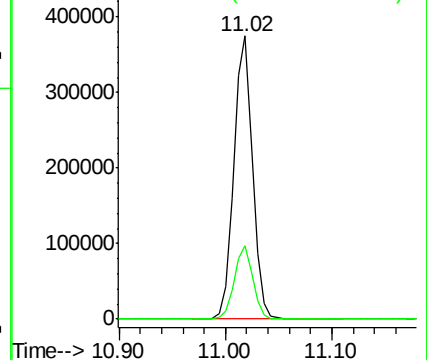
105 100

120 25.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.467 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Tgt Ion: 43 Resp: 273071

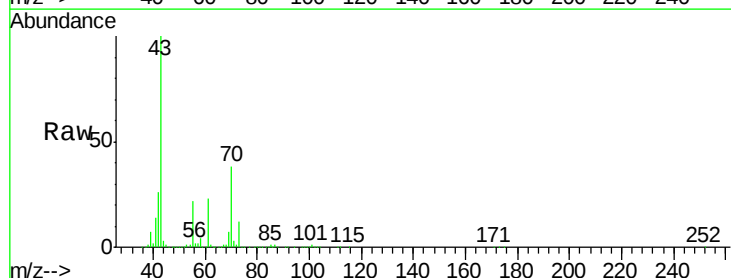
Ion Ratio Lower Upper

43 100

70 37.1 30.0 45.0

55 22.4 17.9 26.9

61 22.6 18.4 27.6

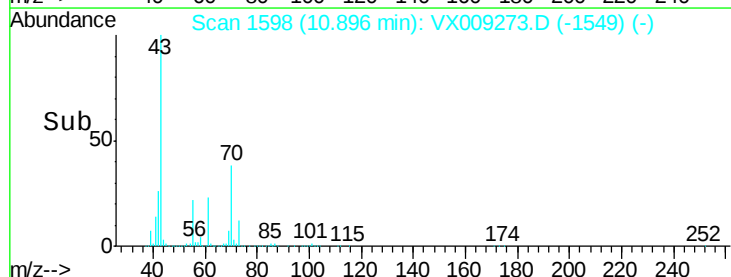
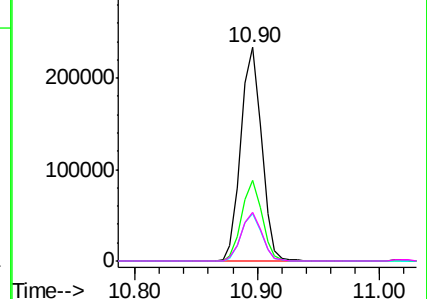


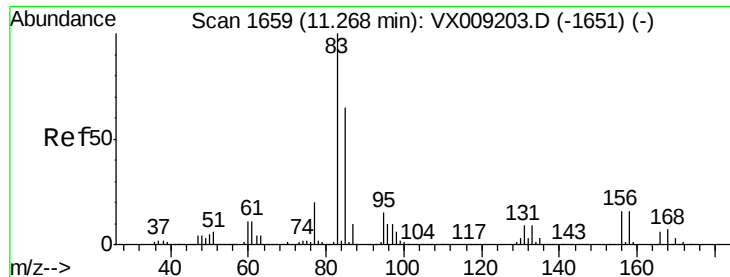
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.150 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

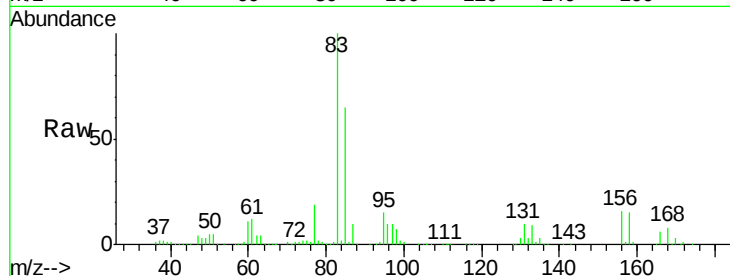
Tot Ion: 83 Resp: 169859

Ion Ratio Lower Upper

83 100

131 9.3 4.6 13.8

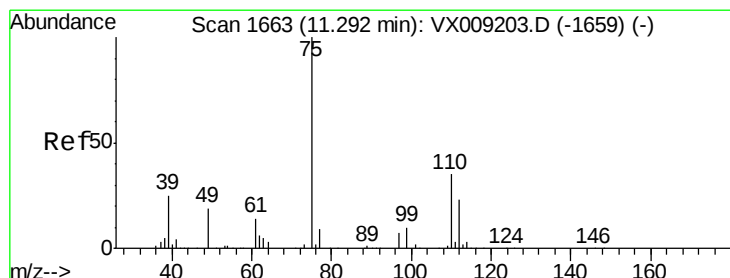
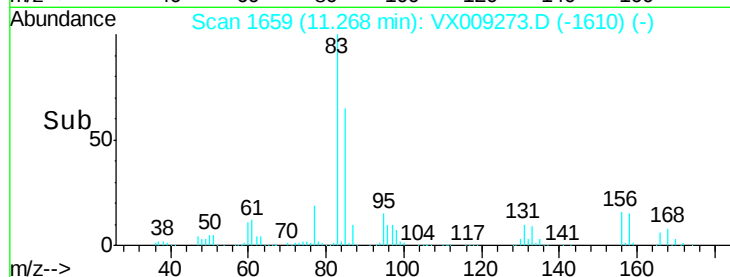
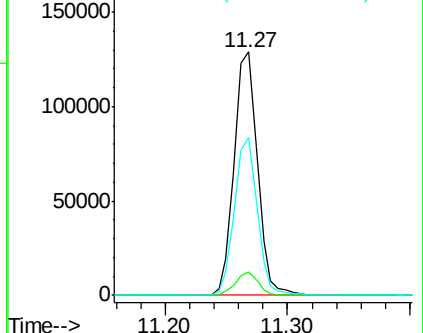
85 63.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.778 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009273.D

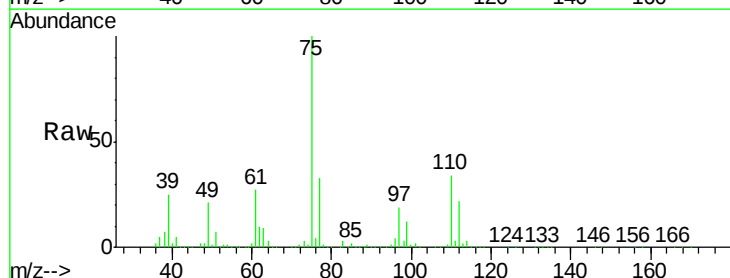
Acq: 02 May 2019 14:48

Tgt Ion: 75 Resp: 199687

Ion Ratio Lower Upper

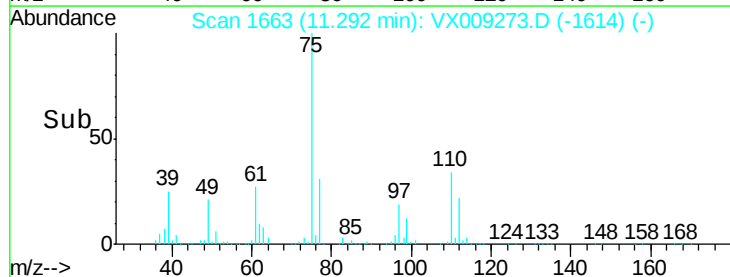
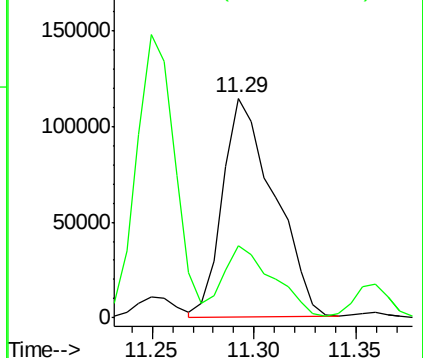
75 100

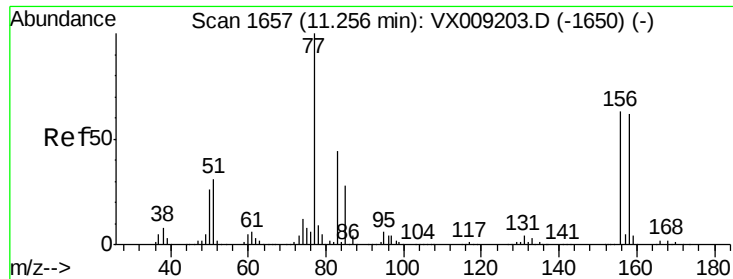
77 32.4 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.012 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

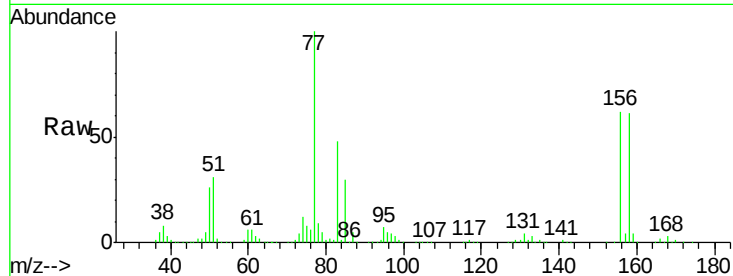
Tot Ion:156 Resp: 112763

Ion Ratio Lower Upper

156 100

77 171.2 84.8 254.3

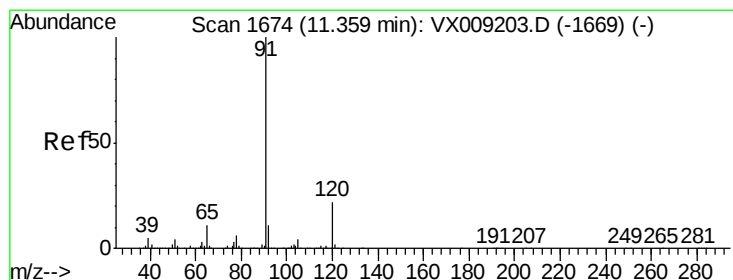
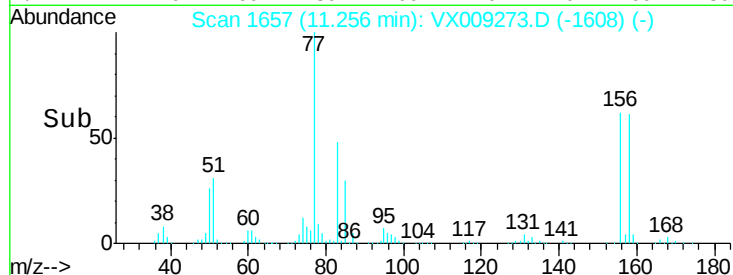
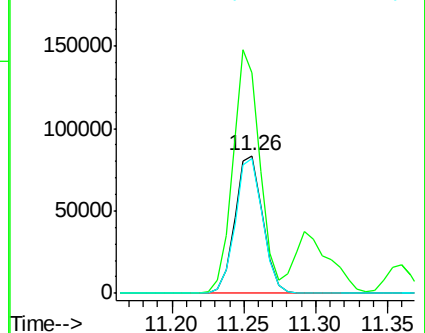
158 96.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.371 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009273.D

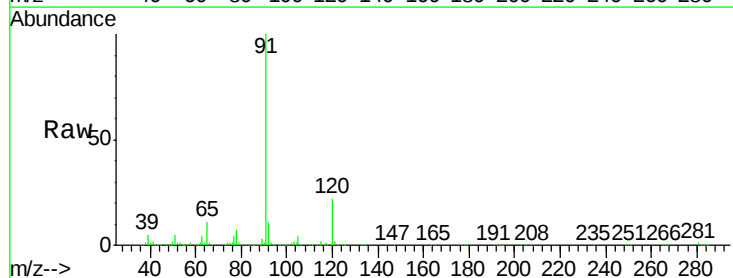
Acq: 02 May 2019 14:48

Tgt Ion: 91 Resp: 533846

Ion Ratio Lower Upper

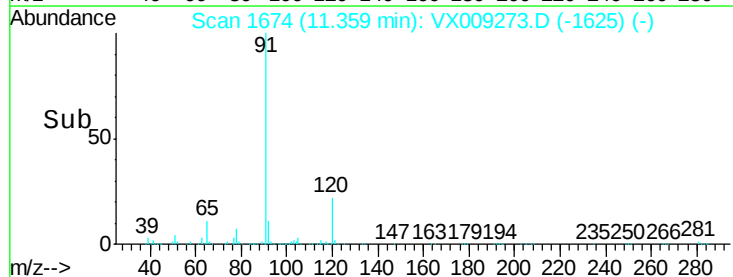
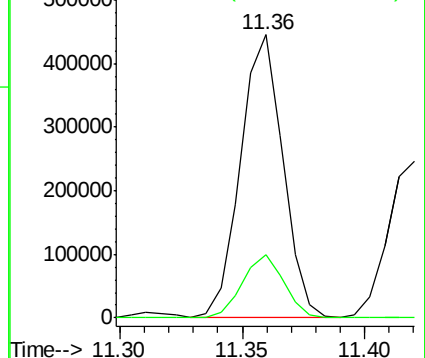
91 100

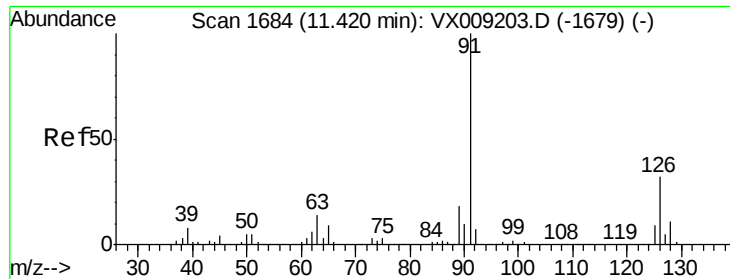
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

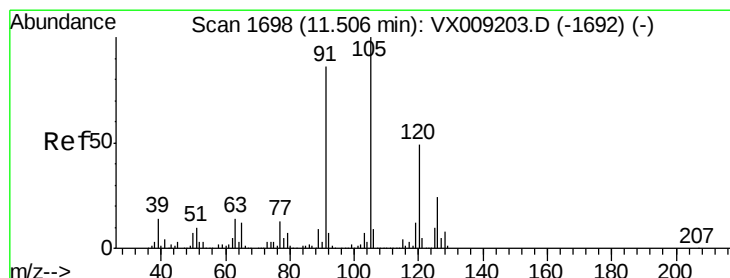
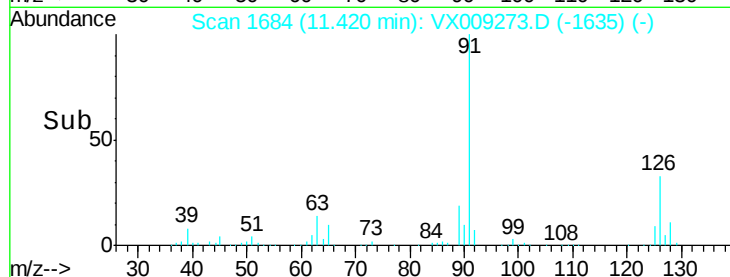
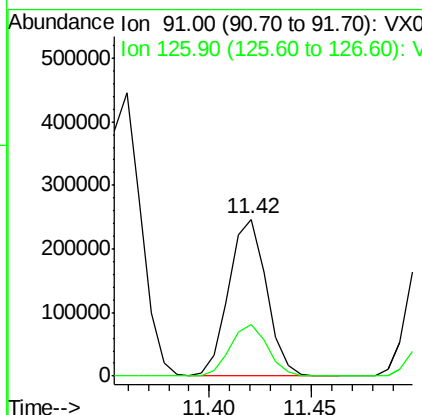
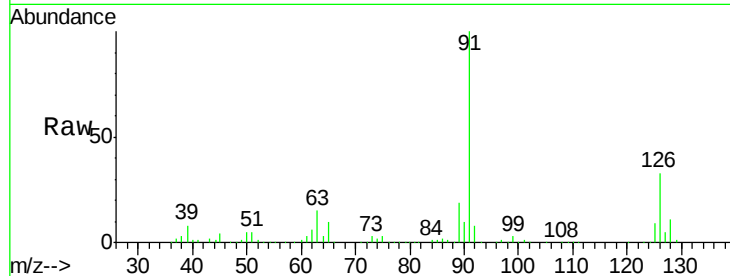




#79
 2-Chlorotoluene
 Concen: 46.192 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009273.D
 Acq: 02 May 2019 14:48

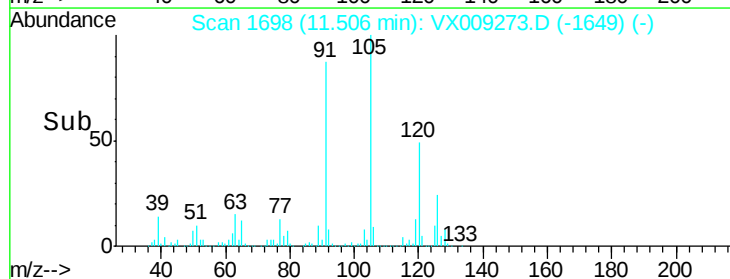
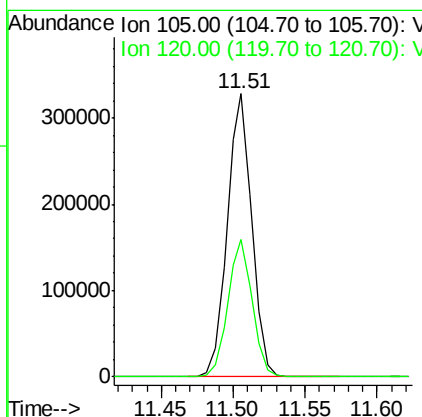
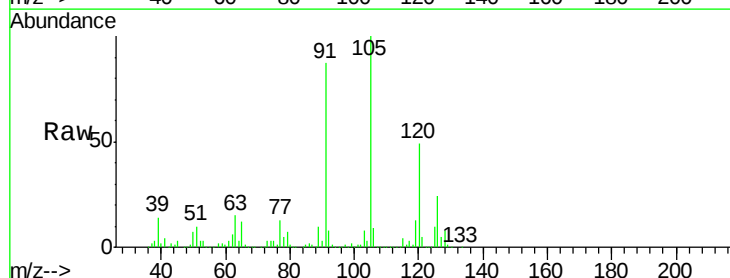
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

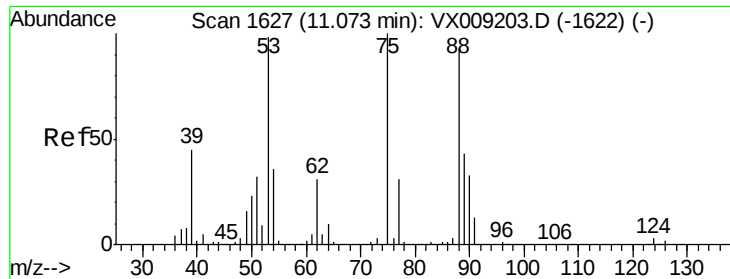
Tot Ion: 91 Resp: 314522
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 48.179 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009273.D
 Acq: 02 May 2019 14:48

Tgt Ion: 105 Resp: 392033
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 48.236 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

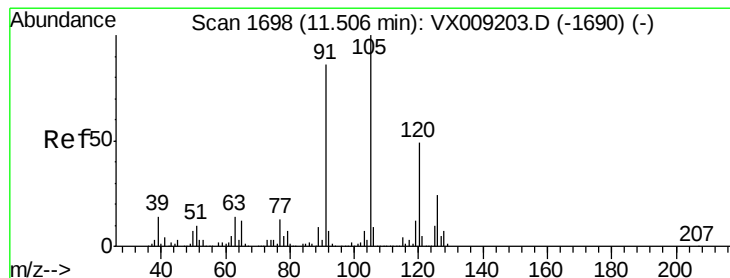
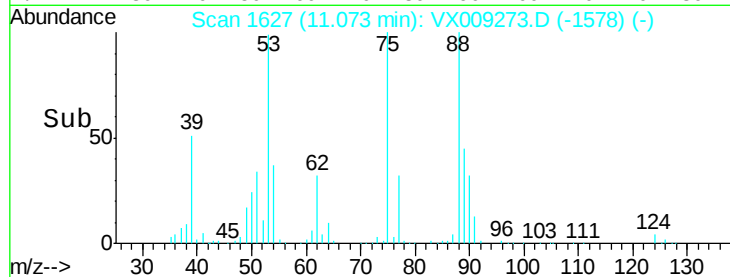
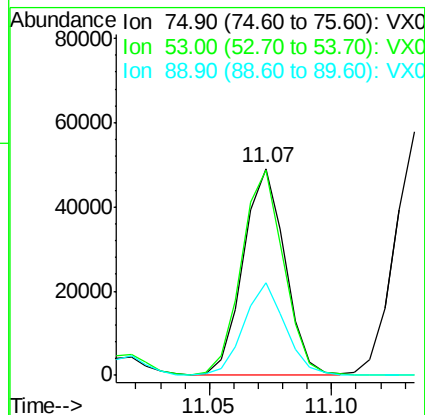
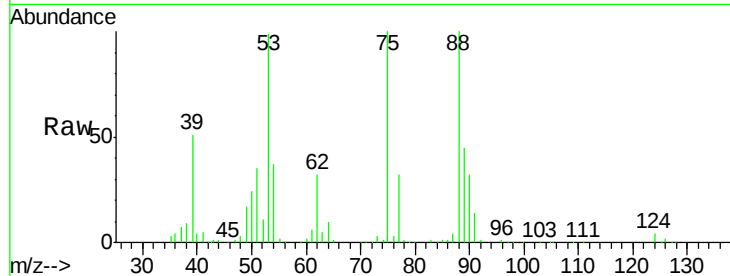
Tot Ion: 75 Resp: 58114

Ion Ratio Lower Upper

75 100

53 100.3 79.0 118.6

89 44.6 34.7 52.1



#82

4-Chlorotoluene

Concen: 47.876 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009273.D

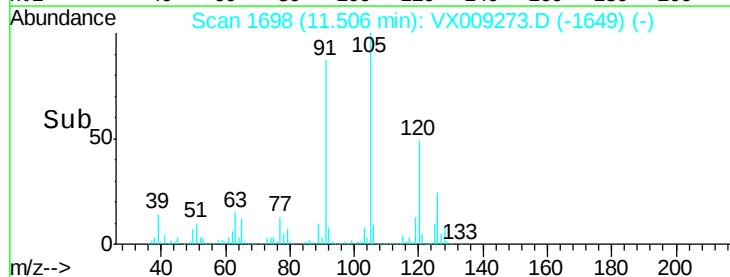
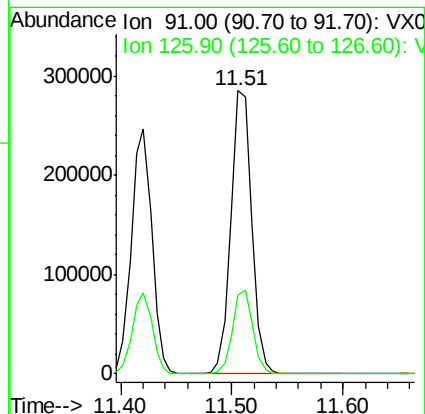
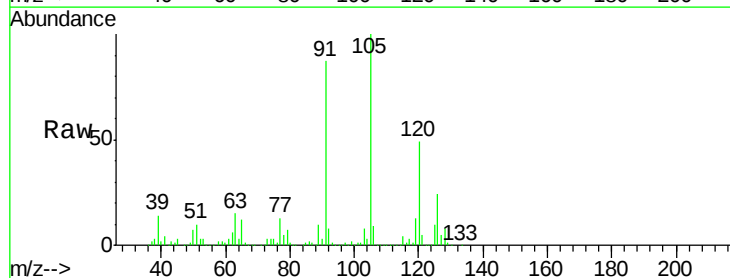
Acq: 02 May 2019 14:48

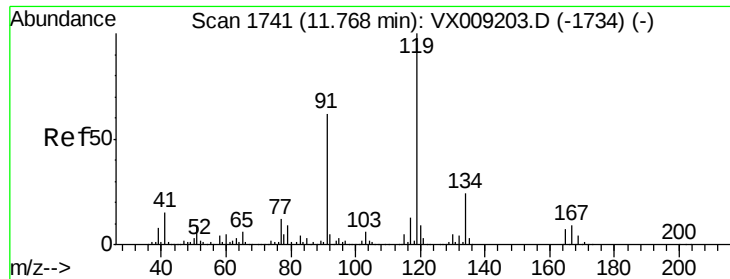
Tgt Ion: 91 Resp: 368270

Ion Ratio Lower Upper

91 100

126 28.6 14.5 43.6

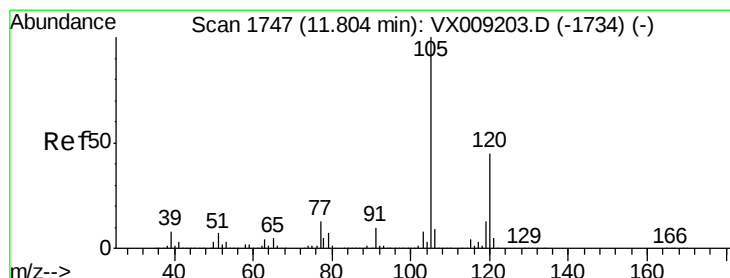
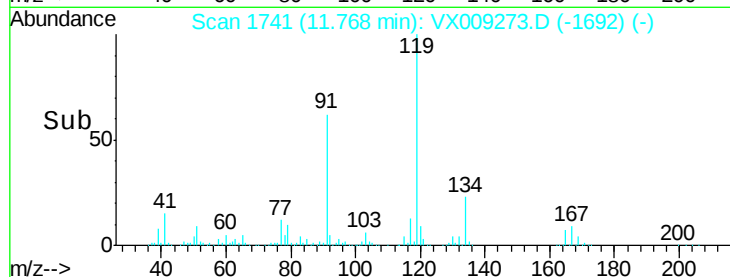
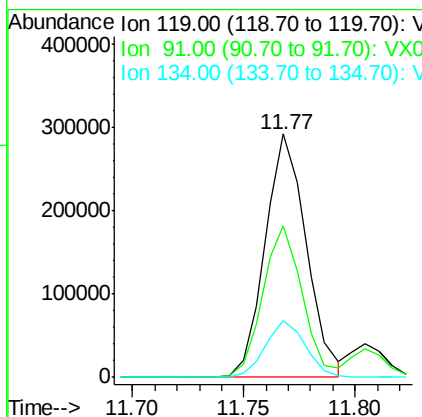
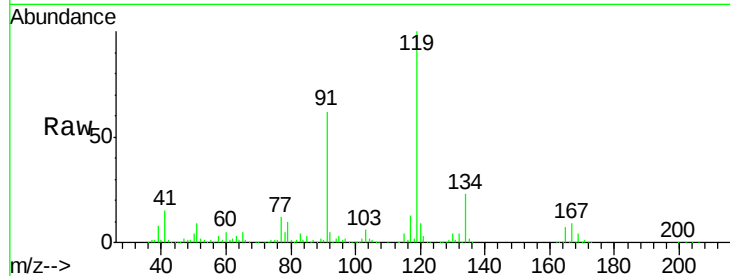




#83
tert-Butylbenzene
Concen: 47.432 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

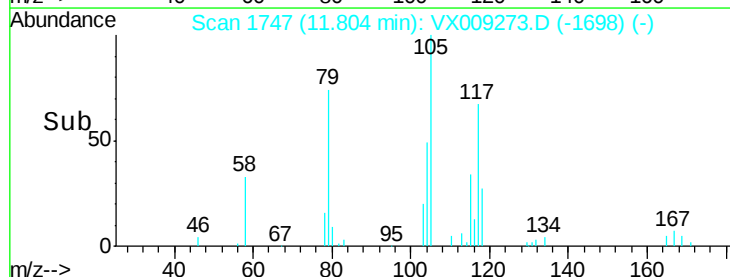
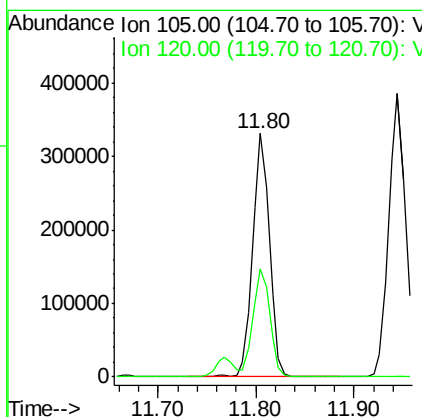
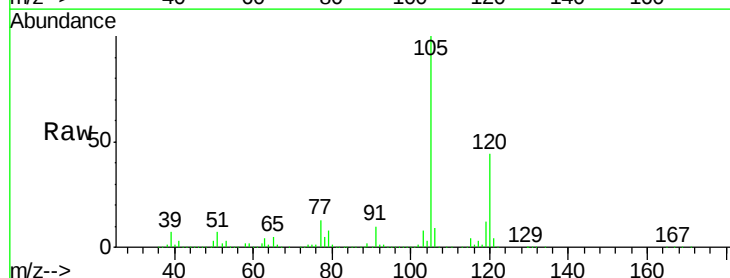
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

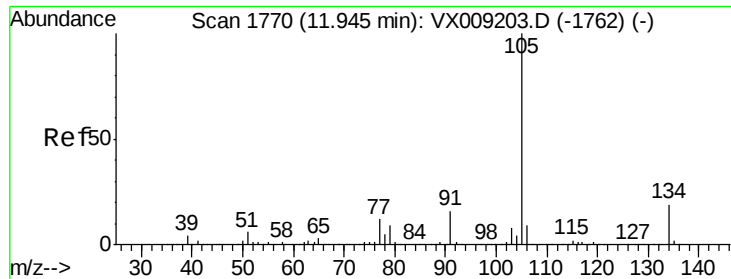
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.0	29.5	88.5
134	22.6	11.4	34.1



#84
1,2,4-Trimethylbenzene
Concen: 48.468 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.0	66.0





#85

sec-Butylbenzene

Concen: 48.912 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

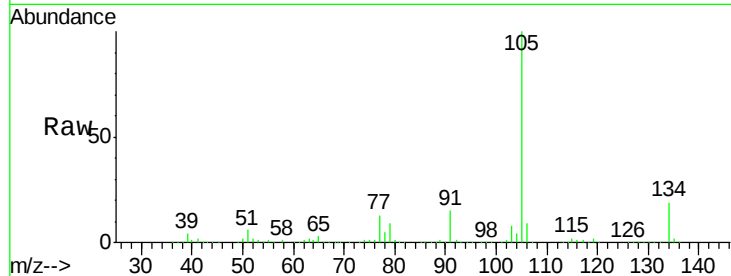
VSTDCCC050

Tot Ion:105 Resp: 459020

Ion Ratio Lower Upper

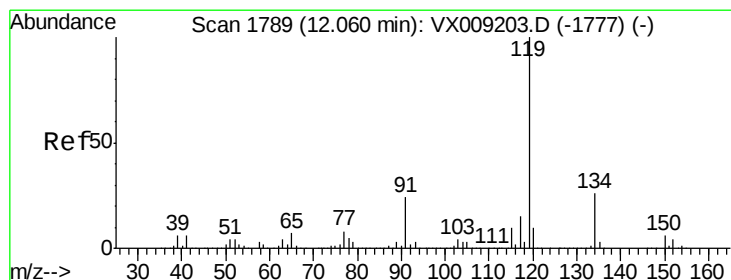
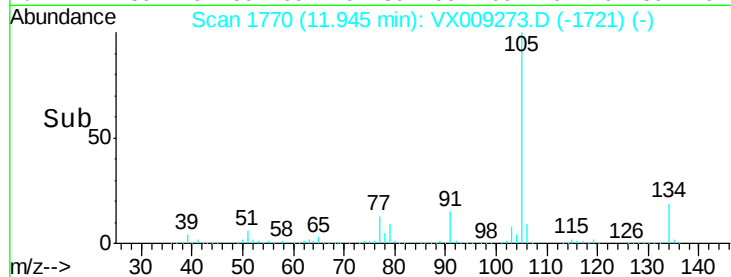
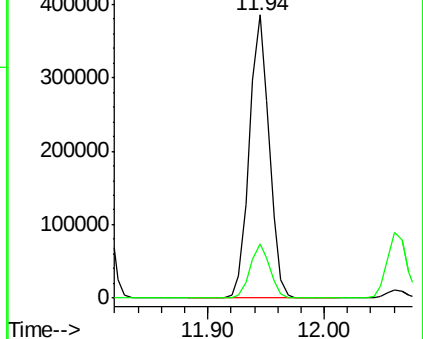
105 100

134 19.1 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.839 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

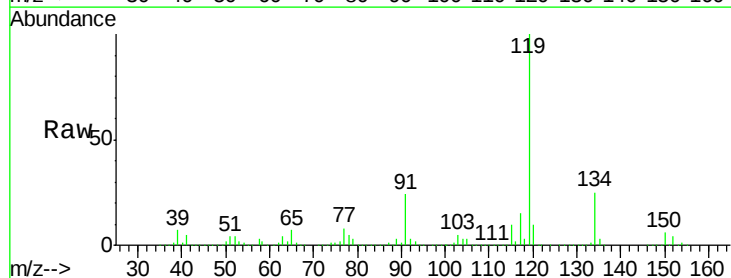
Tgt Ion:119 Resp: 420476

Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

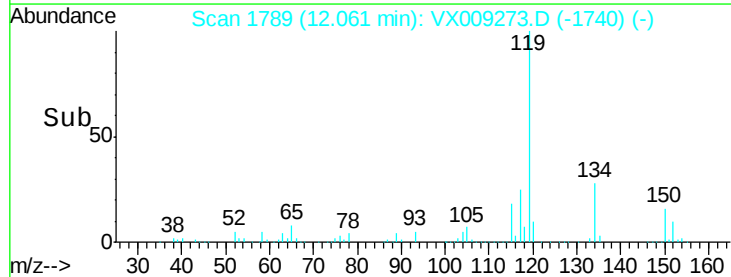
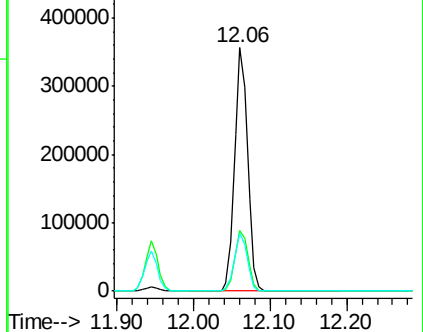
91 23.5 11.8 35.4

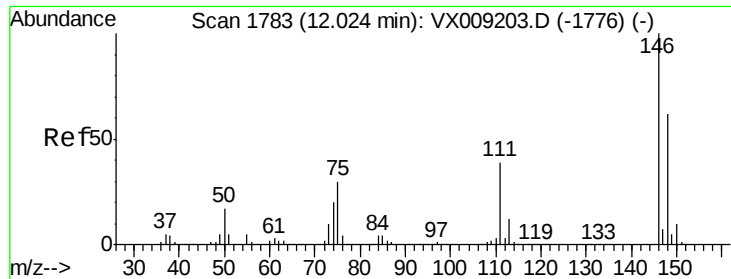


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 48.014 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

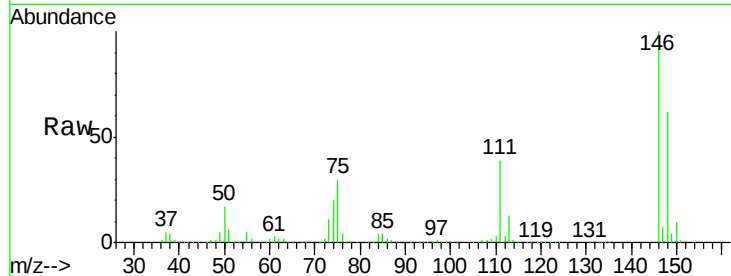
Tot Ion:146 Resp: 205307

Ion Ratio Lower Upper

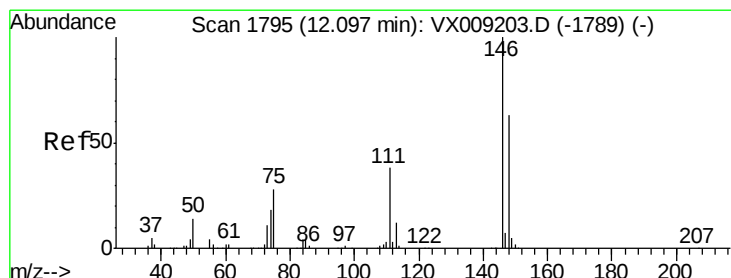
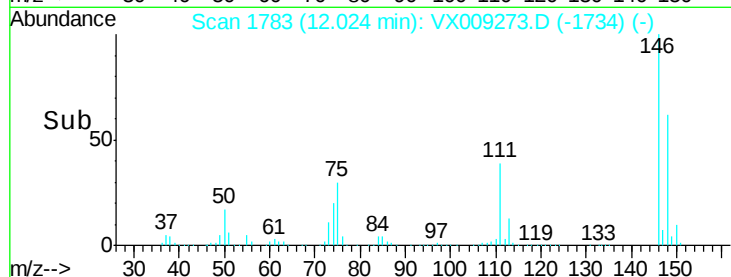
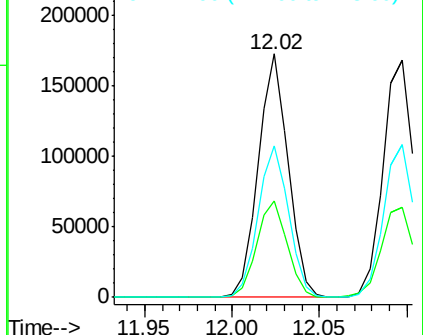
146 100

111 40.5 20.0 59.9

148 63.7 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 48.127 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009273.D

Acq: 02 May 2019 14:48

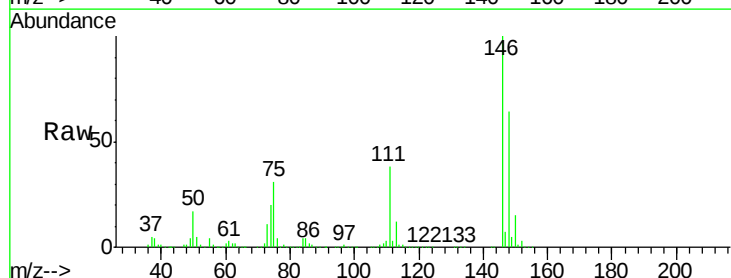
Tgt Ion:146 Resp: 207474

Ion Ratio Lower Upper

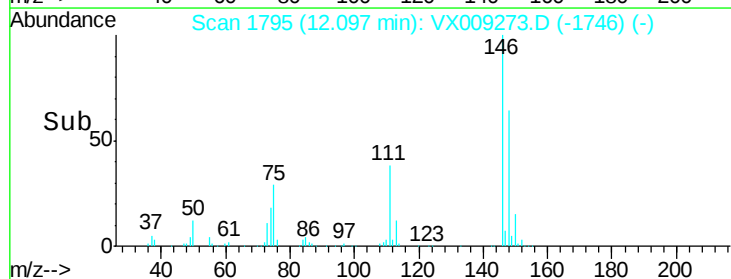
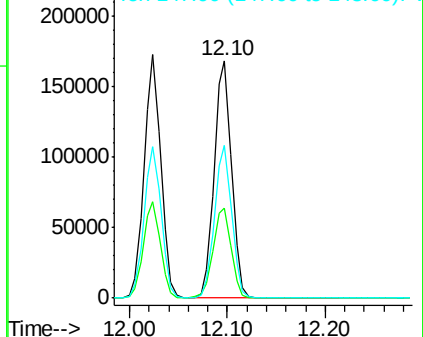
146 100

111 39.3 19.6 58.8

148 63.6 31.8 95.3



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

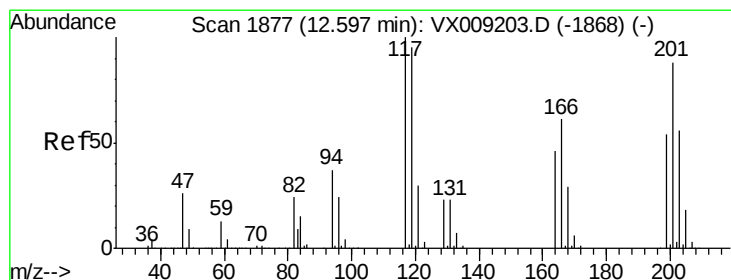
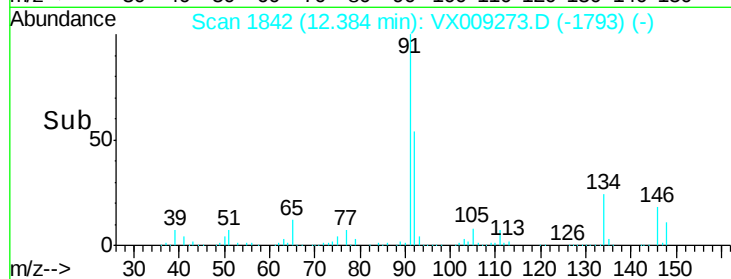
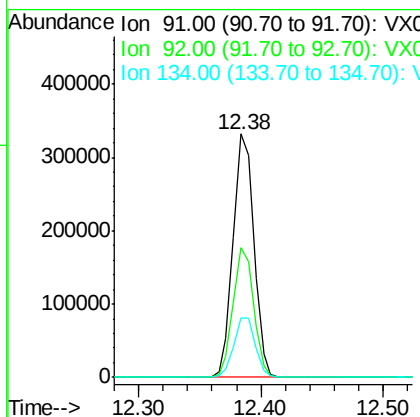
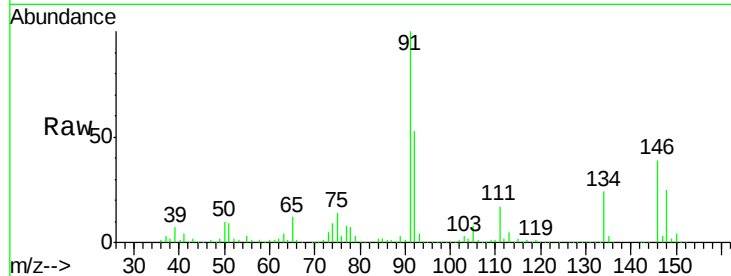




#89
n-Butylbenzene
Concen: 50.877 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

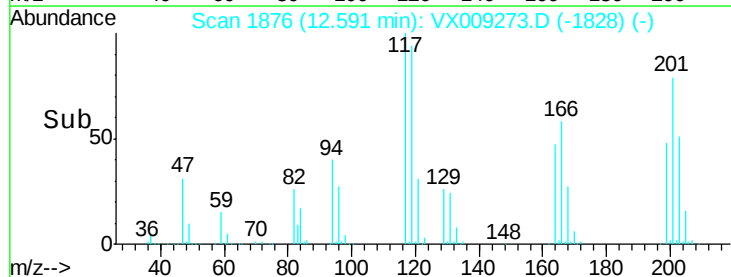
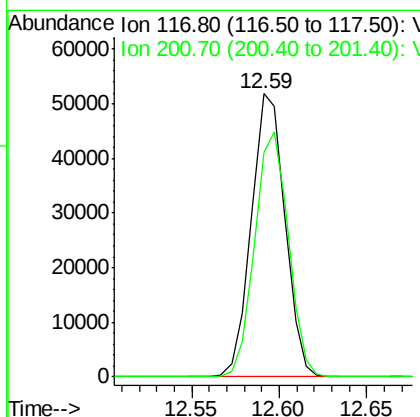
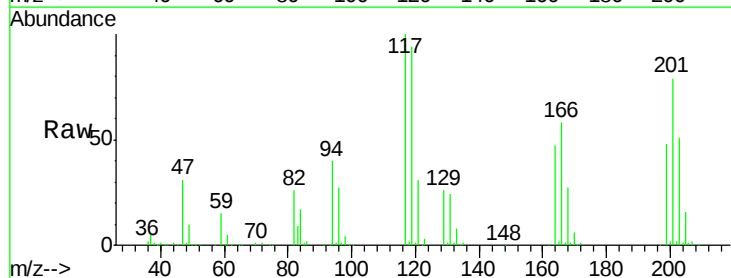
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

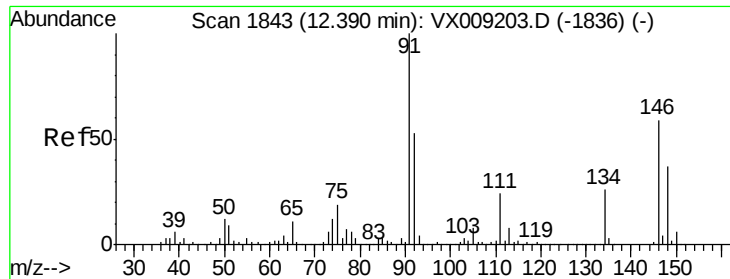
Tot Ion: 91 Resp: 387952
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 25.2 12.4 37.2



#90
Hexachloroethane
Concen: 48.107 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

Tgt Ion: 117 Resp: 69146
Ion Ratio Lower Upper
117 100
201 86.7 42.3 126.9

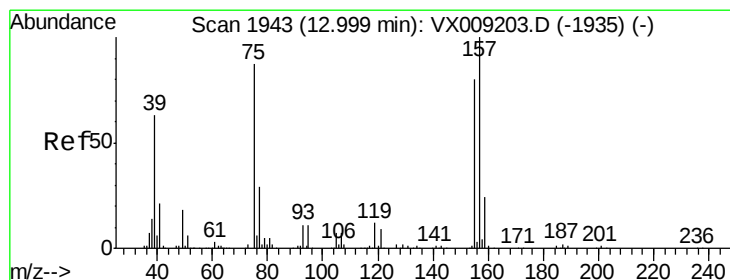
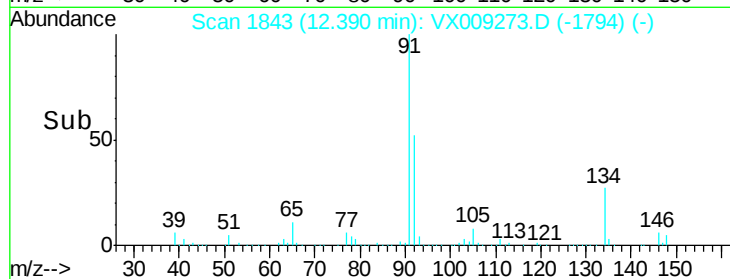
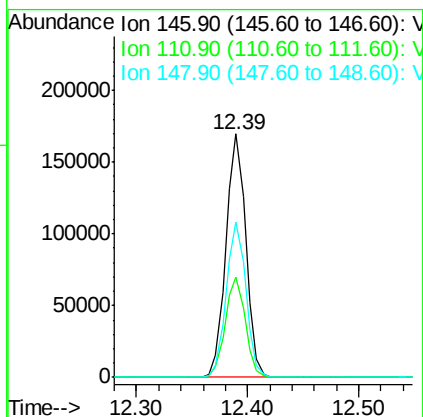
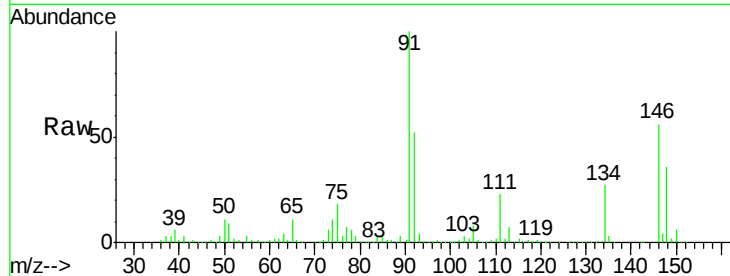




#91
 1,2-Dichlorobenzene
 Concen: 48.112 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009273.D
 Acq: 02 May 2019 14:48

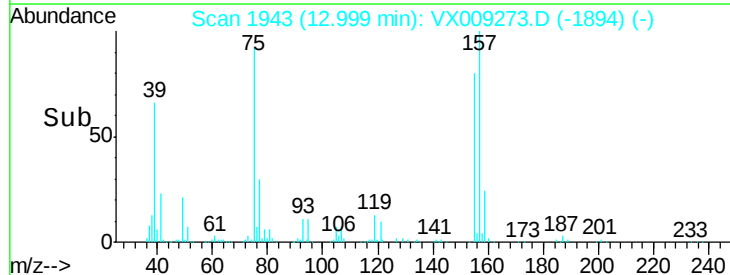
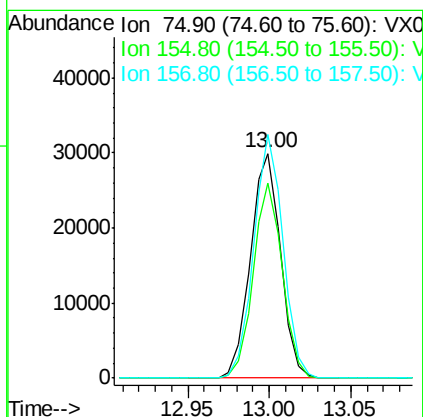
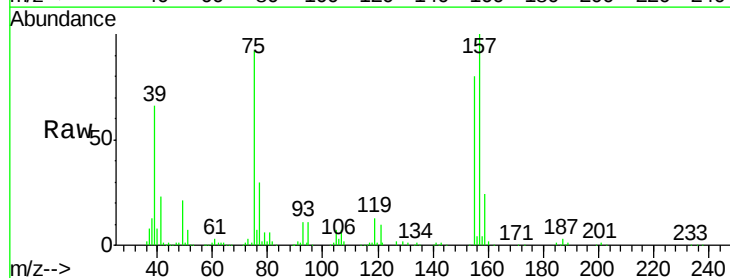
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

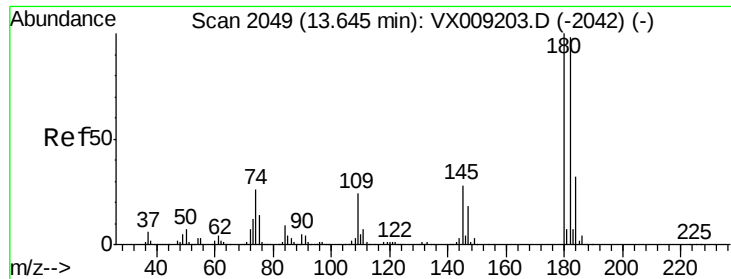
Tot Ion:146 Resp: 209537
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.4
 148 63.2 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.515 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009273.D
 Acq: 02 May 2019 14:48

Tgt Ion: 75 Resp: 38399
 Ion Ratio Lower Upper
 75 100
 155 83.7 42.0 126.0
 157 105.4 53.2 159.6

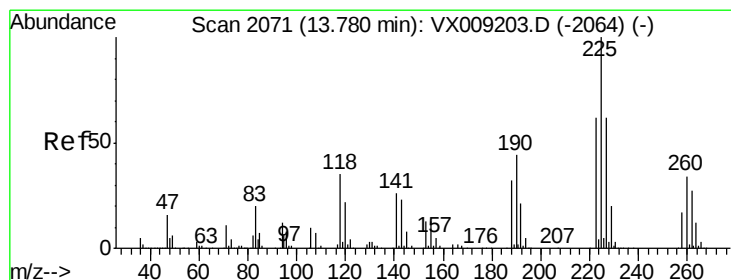
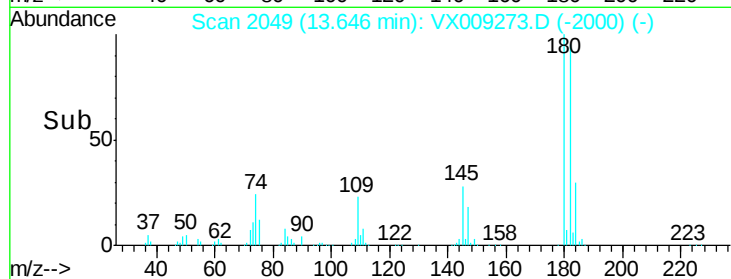
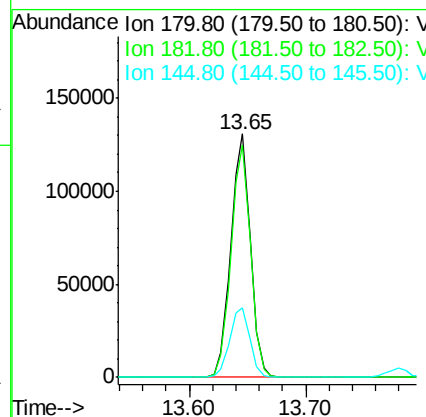
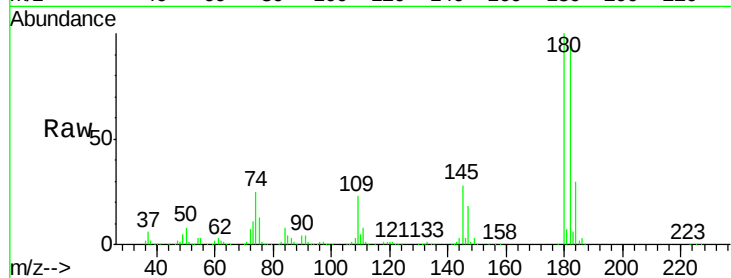




#93
 1,2,4-Trichlorobenzene
 Concen: 50.921 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009273.D
 Acq: 02 May 2019 14:48

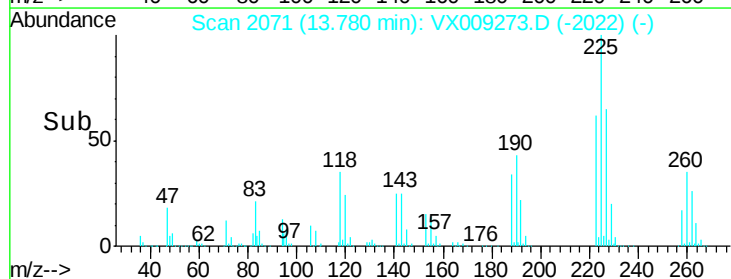
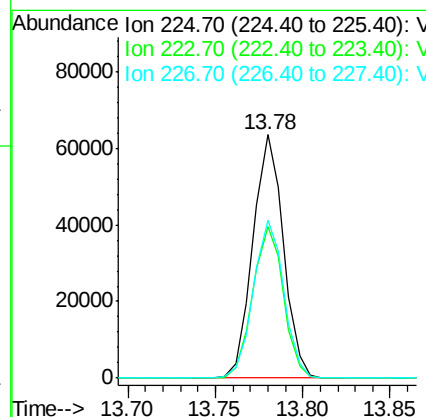
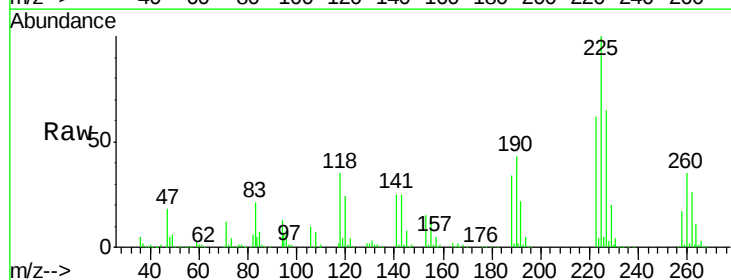
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

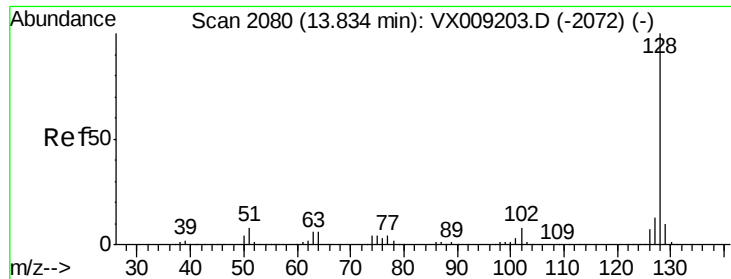
Tot Ion:180 Resp: 151655
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.4 145.2
 145 29.4 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 50.648 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009273.D
 Acq: 02 May 2019 14:48

Tgt Ion:225 Resp: 77029
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.8
 227 64.6 31.8 95.3

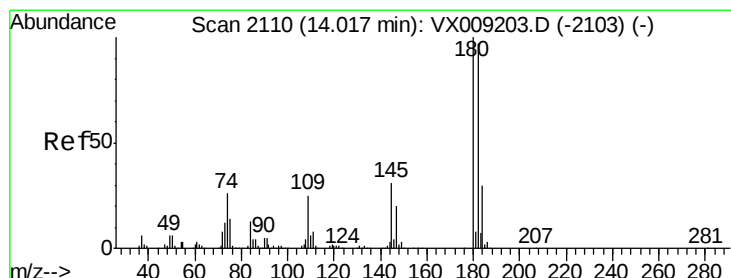
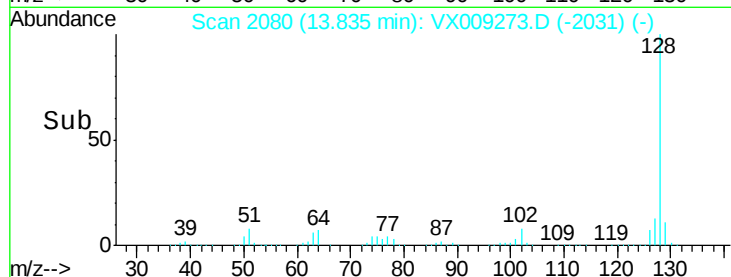
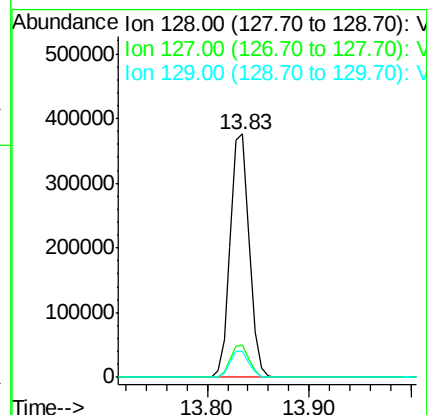
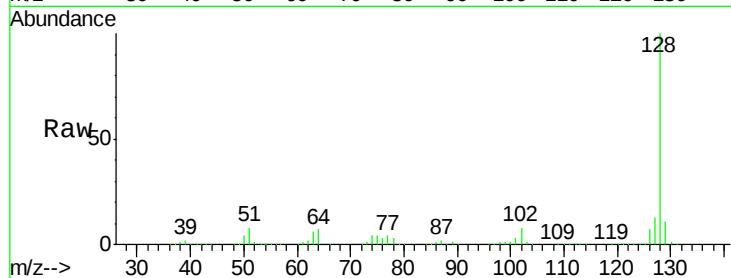




#95
Naphthalene
Concen: 49.846 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 482983
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.984 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009273.D
Acq: 02 May 2019 14:48

Tgt Ion:180 Resp: 150900
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.4
145 31.2 15.4 46.4

