

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007921.D
 Acq On : 08 Mar 2019 10:20
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Mar 09 03:44:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	45260	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	241473	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	215289	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	89122	29.96	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.87%
60) 4-Bromofluorobenzene	11.13	95	103147	30.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.07%
63) Toluene-d8	8.71	98	295632	30.01	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	54369	20.235 ug/l	98
3) Chloromethane	1.33	50	59243	19.828 ug/l	96
4) Vinyl Chloride	1.41	62	55738	18.833 ug/l	100
5) Bromomethane	1.64	94	31642	21.445 ug/l	98
6) Chloroethane	1.73	64	33513	19.389 ug/l	96
7) Trichlorofluoromethane	1.93	101	69119	18.754 ug/l	99
8) Diethyl Ether	2.19	74	37886	19.961 ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54816	19.783 ug/l	98
10) 1,1-Dichloroethene	2.38	96	52517	19.997 ug/l	94
11) Methyl Iodide	2.51	142	81900	19.921 ug/l	93
12) Methyl Acetate	2.78	43	79831	19.220 ug/l	94
13) Acrolein	2.30	56	44808	91.953 ug/l	97
14) Acrylonitrile	3.15	53	179978	102.075 ug/l	99
15) Acetone	2.45	58	73635	115.673 ug/l	100
16) Carbon Disulfide	2.57	76	166128	20.162 ug/l	99
17) Allyl chloride	2.73	41	107405	19.947 ug/l	92
18) Methylene Chloride	2.86	84	60177	20.113 ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	55474	19.963 ug/l	97
20) Diisopropyl ether	3.87	45	199666	20.270 ug/l	96
21) 1,1-Dichloroethane	3.70	63	107156	20.002 ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	63515	19.815 ug/l	91
23) tert-Butyl Alcohol	3.06	59	74217	104.336 ug/l	# 100
24) Methyl tert-Butyl Ether	3.20	73	179902	19.923 ug/l	96
25) Chloroform	5.21	83	101135	20.001 ug/l	94
26) Cyclohexane	5.57	56	97909	19.778 ug/l	# 91
29) 1,1-Dichloropropene	5.80	75	77269	20.181 ug/l	97
30) 2-Butanone	4.70	43	283684	109.855 ug/l	98
31) 2,2-Dichloropropane	4.59	77	69014	19.515 ug/l	# 79
32) 1,1,1-Trichloroethane	5.49	97	82878	20.018 ug/l	98
33) Carbon Tetrachloride	5.79	117	72662	19.787 ug/l	96
34) Benzene	6.15	78	238219	20.302 ug/l	97
35) Methacrylonitrile	5.06	41	51359	20.410 ug/l	94
36) 1,2-Dichloroethane	6.20	62	78240	20.496 ug/l	99
37) Trichloroethene	7.21	130	63567	19.996 ug/l	94
38) Methylcyclohexane	7.46	83	96126	19.747 ug/l	94
39) 1,2-Dichloropropane	7.51	63	61893	20.227 ug/l	99
40) Dibromomethane	7.66	93	39035	20.111 ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007921.D
 Acq On : 08 Mar 2019 10:20
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Mar 09 03:44:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	72947	19.883	ug/l	97
42) Vinyl Acetate	3.82	43	871013	104.199	ug/l	97
43) Ethyl Acetate	4.85	43	91802	20.409	ug/l #	82
44) Isopropyl Acetate	6.46	43	138817	20.226	ug/l	99
45) 1,4-Dioxane	7.75	88	30784	428.718	ug/l	94
46) Methyl methacrylate	7.77	41	73778	20.440	ug/l	90
47) n-amyl Acetate	10.90	43	121791	20.595	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	77203	19.430	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	88342	19.635	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	60550	20.466	ug/l	97
51) Ethyl methacrylate	9.18	69	91153	20.316	ug/l	91
52) 1,3-Dichloropropane	9.37	76	100556	20.570	ug/l	99
53) Dibromochloromethane	9.58	129	60679	19.939	ug/l	99
54) 1,2-Dibromoethane	9.67	107	63978	20.684	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	204375	97.935	ug/l	98
56) Bromoform	10.86	173	47646	19.628	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	474070	106.954	ug/l	99
59) 2-Hexanone	9.49	43	386913	110.582	ug/l	99
61) Tetrachloroethene	9.34	164	64207	20.445	ug/l	98
62) Toluene	8.78	91	254688	20.260	ug/l	99
64) Chlorobenzene	10.14	112	164215	20.496	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	57251	19.957	ug/l	98
66) Ethyl Benzene	10.25	91	271302	20.092	ug/l	97
67) m/p-Xylenes	10.36	106	209128	40.391	ug/l	95
68) o-Xylene	10.69	106	101626	20.213	ug/l	97
69) Styrene	10.71	104	168582	20.350	ug/l	99
70) Isopropylbenzene	11.02	105	273319	20.345	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	92969	20.953	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	104138	24.900	ug/l	91
73) Bromobenzene	11.26	156	72878	20.405	ug/l	95
74) n-propylbenzene	11.36	91	307085	20.264	ug/l	98
75) 2-Chlorotoluene	11.42	91	185807	20.456	ug/l	95
76) 1,3,5-Trimethylbenzene	11.51	105	226814	20.371	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	24627	19.058	ug/l	95
78) 4-Chlorotoluene	11.51	91	209580	20.408	ug/l	96
79) tert-butylbenzene	12.06	119	241677	20.227	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	229453	20.305	ug/l	97
81) sec-Butylbenzene	11.94	105	267957	20.022	ug/l	99
82) p-Isopropyltoluene	12.06	119	241677	20.227	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	126472	19.889	ug/l	96
84) 1,4-Dichlorobenzene	12.10	146	128329	20.170	ug/l	98
85) n-Butylbenzene	12.39	91	200018	19.574	ug/l	99
86) Hexachloroethane	12.60	117	37392	19.207	ug/l	82
87) 1,2-Dichlorobenzene	12.39	146	127273	20.252	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	18530	20.445	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	90403	20.016	ug/l	99
90) Hexachlorobutadiene	13.78	225	51067	20.501	ug/l	99
91) Naphthalene	13.83	128	262011	20.238	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	90207	20.094	ug/l	99

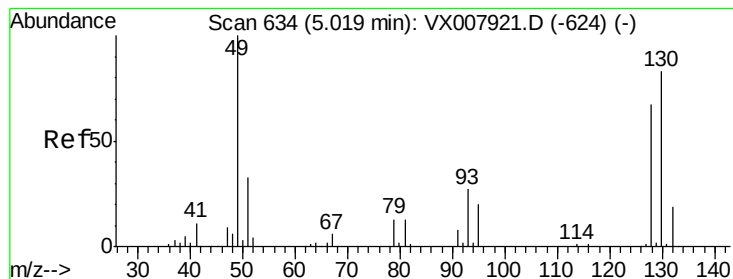
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
Data File : VX007921.D
Acq On : 08 Mar 2019 10:20
Operator : JC/SP
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Quant Time: Mar 09 03:44:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 08 12:01:36 2019
Response via : Initial Calibration

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

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

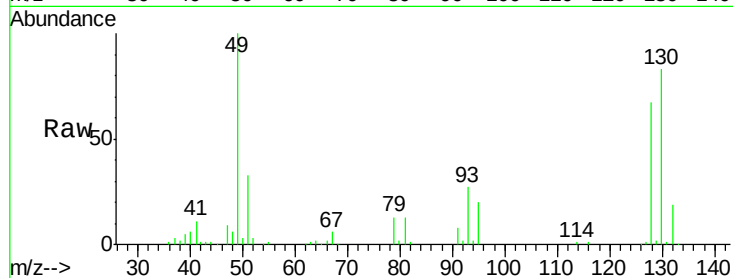
Tot Ion:128 Resp: 45260

Ion Ratio Lower Upper

128 100

49 157.0 0.0 350.8

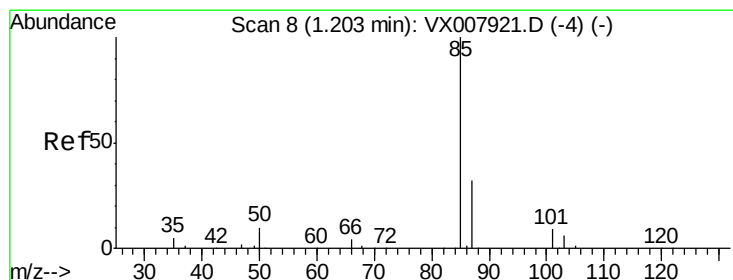
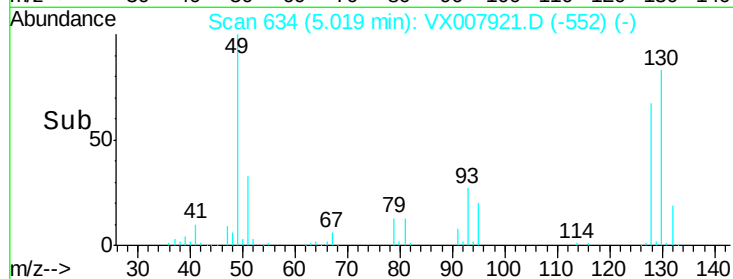
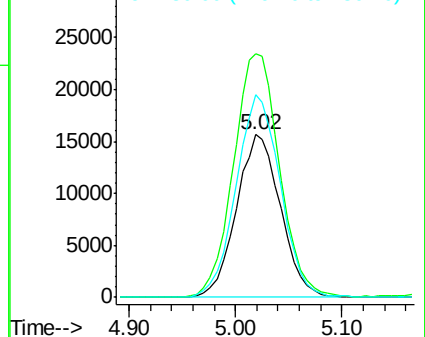
130 125.8 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.235 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007921.D

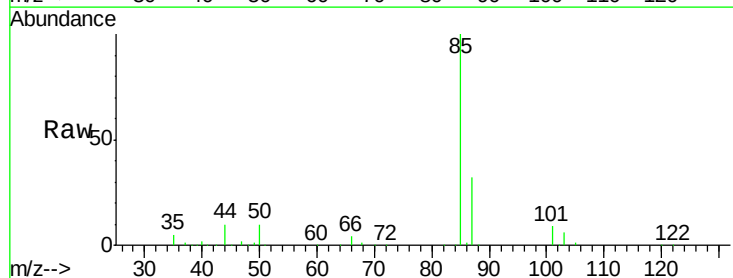
Acq: 08 Mar 2019 10:20

Tgt Ion: 85 Resp: 54369

Ion Ratio Lower Upper

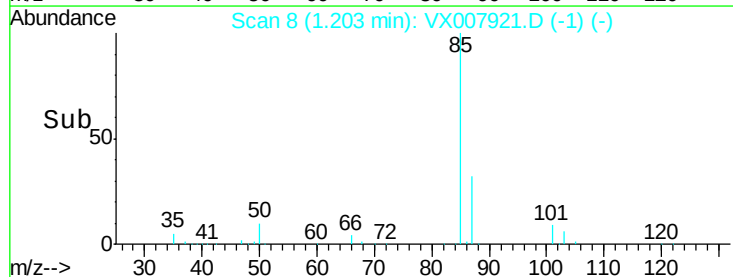
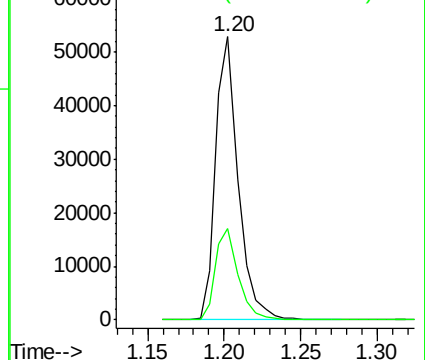
85 100

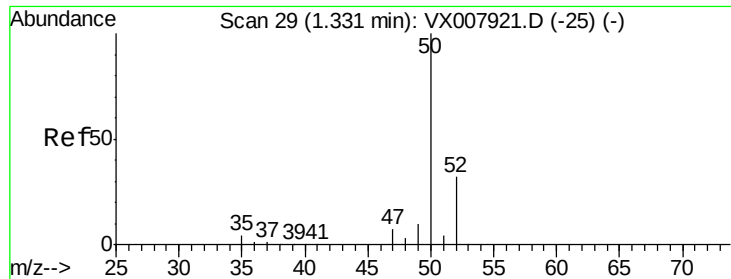
87 32.2 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

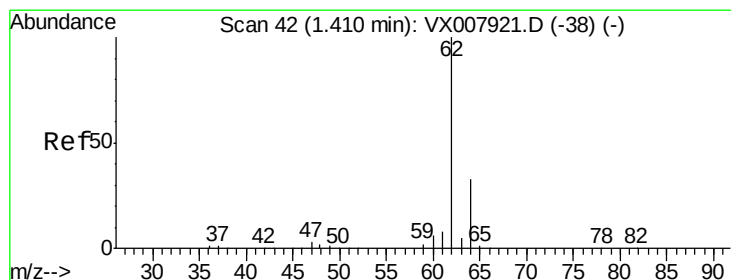
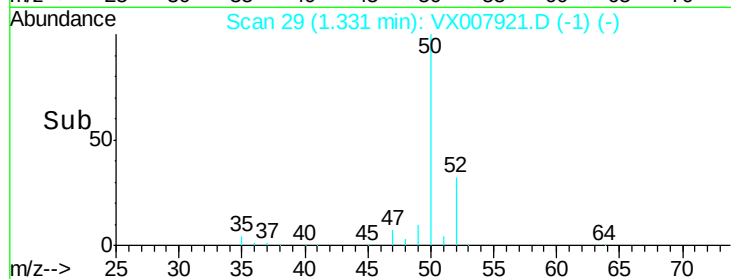
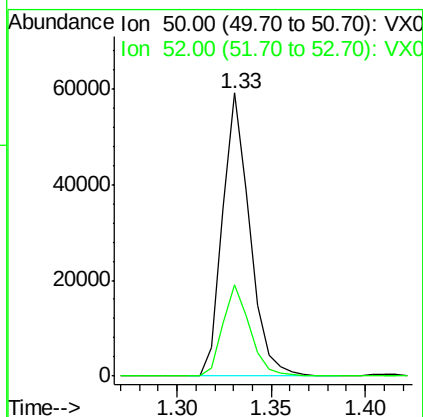
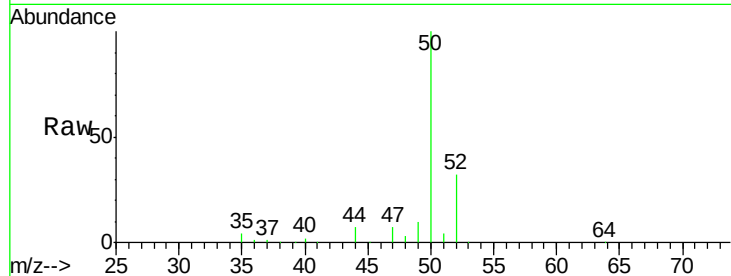




#3
Chloromethane
Concen: 19.828 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

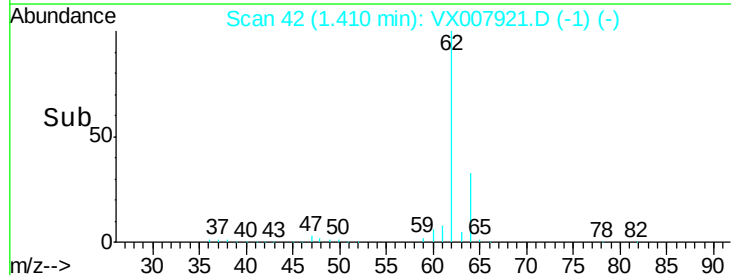
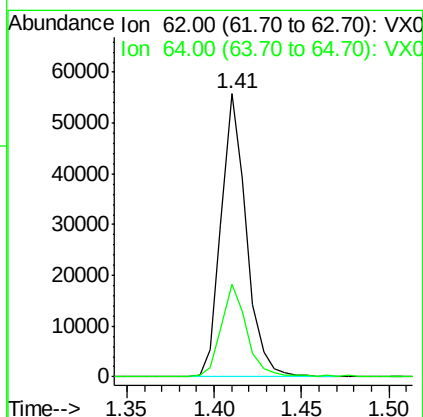
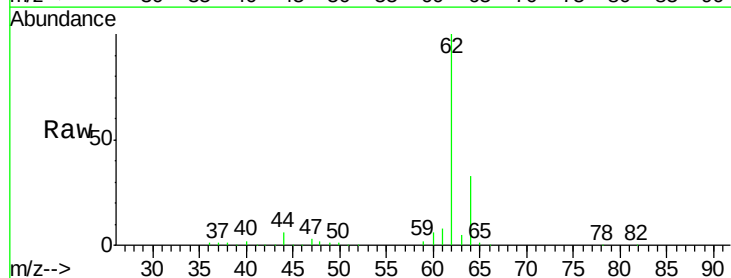
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

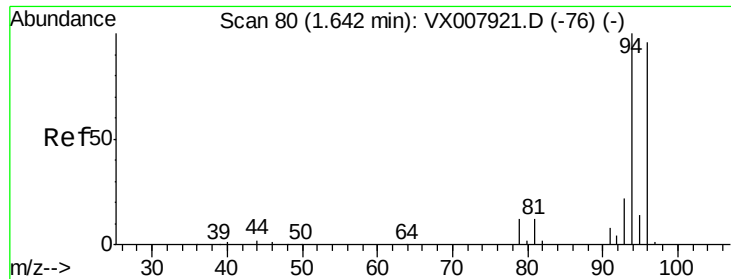
Tot Ion: 50 Resp: 59243
Ion Ratio Lower Upper
50 100
52 32.2 27.5 41.3



#4
Vinyl Chloride
Concen: 18.833 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Tgt Ion: 62 Resp: 55738
Ion Ratio Lower Upper
62 100
64 32.7 25.9 38.9

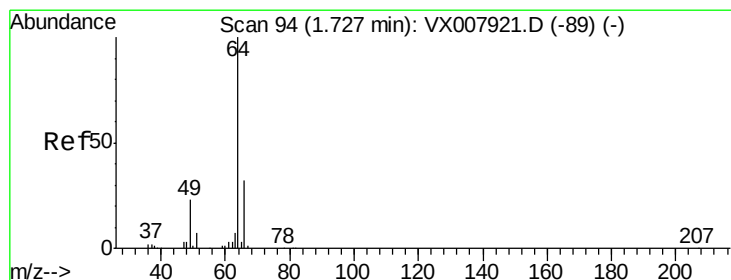
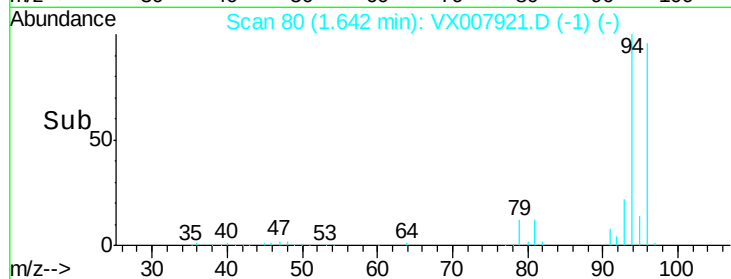
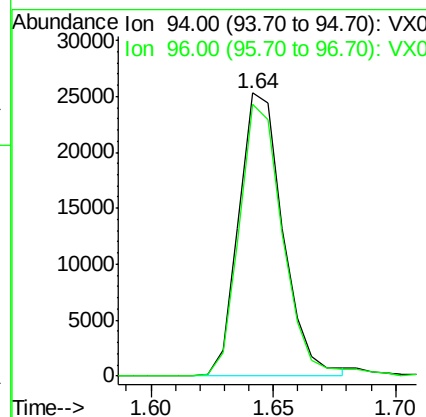
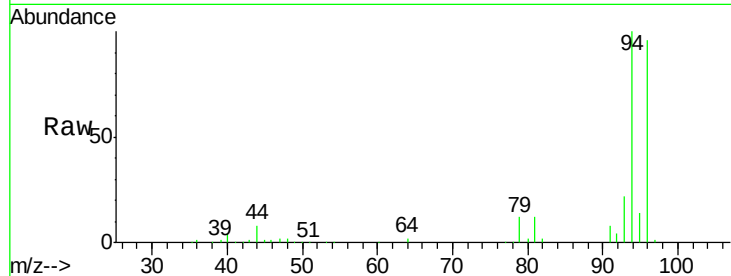




#5
Bromomethane
Concen: 21.445 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

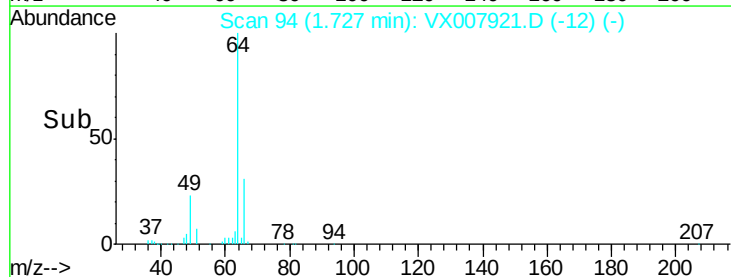
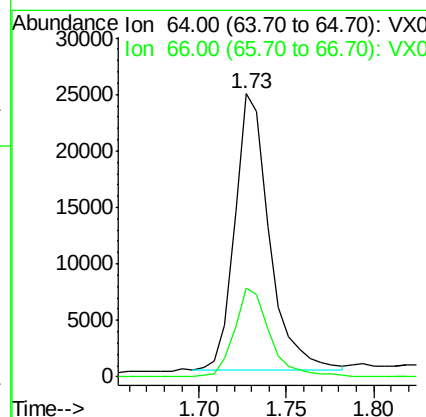
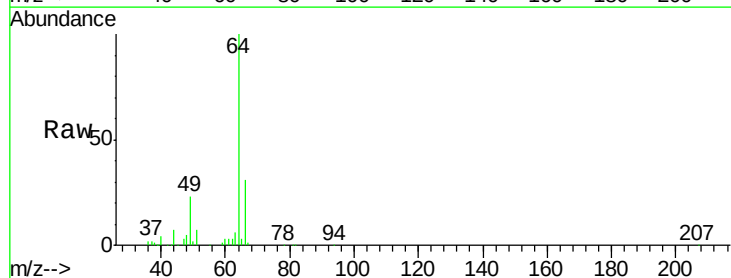
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

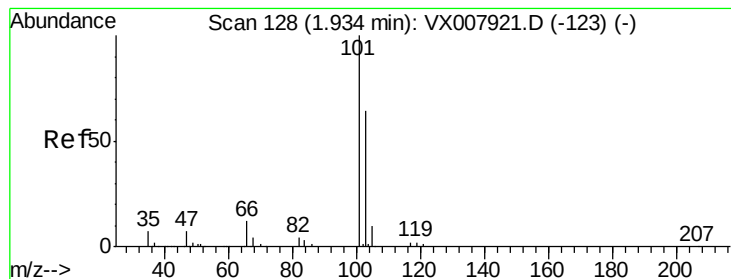
Tot Ion: 94 Resp: 31642
Ion Ratio Lower Upper
94 100
96 96.1 75.6 113.4



#6
Chloroethane
Concen: 19.389 ug/l
RT: 1.73 min Scan# 94
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Tgt Ion: 64 Resp: 33513
Ion Ratio Lower Upper
64 100
66 31.8 23.9 35.9



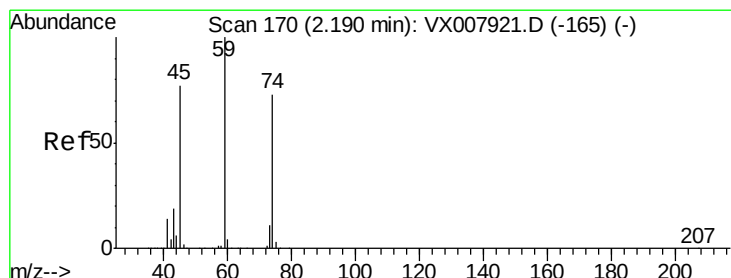
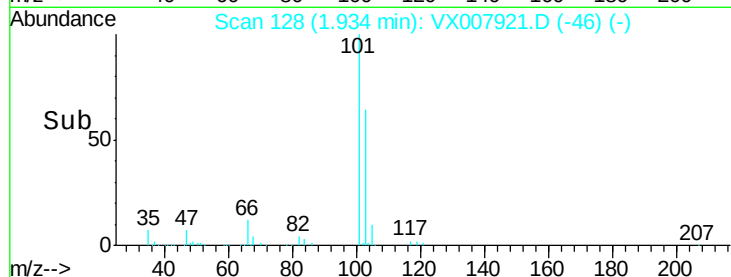
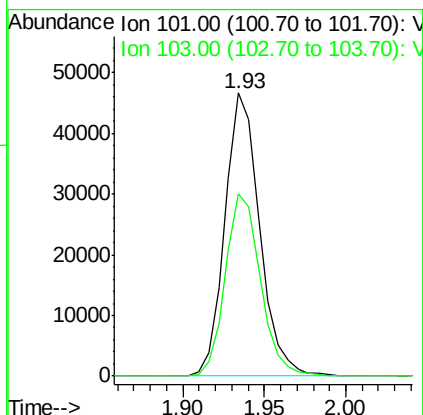
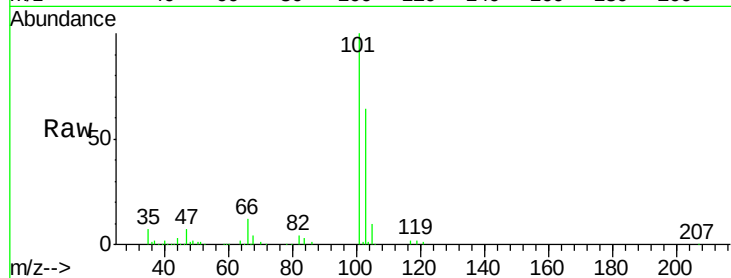


#7

Trichlorofluoromethane
Concen: 18.754 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

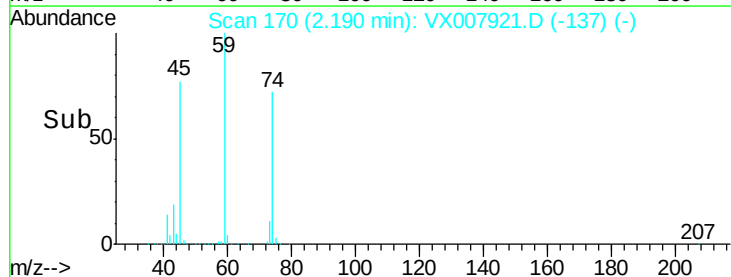
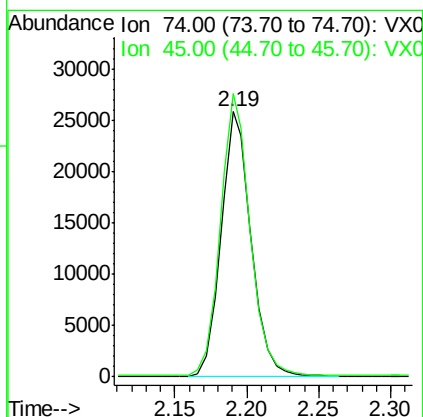
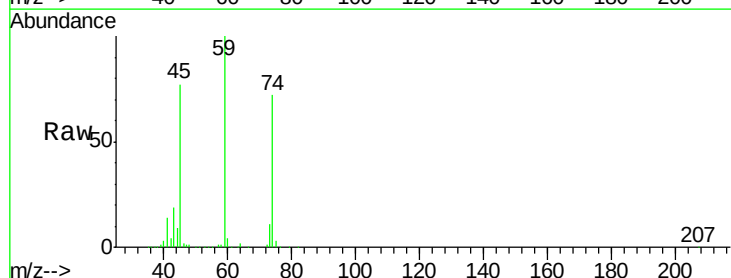
Tot Ion:101 Resp: 69119
Ion Ratio Lower Upper
101 100
103 64.1 50.4 75.6

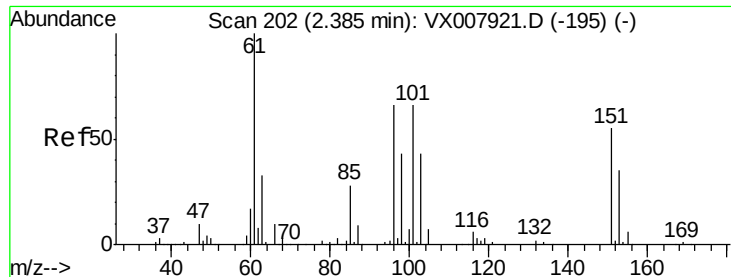


#8

Diethyl Ether
Concen: 19.961 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Tgt Ion: 74 Resp: 37886
Ion Ratio Lower Upper
74 100
45 104.9 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.783 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

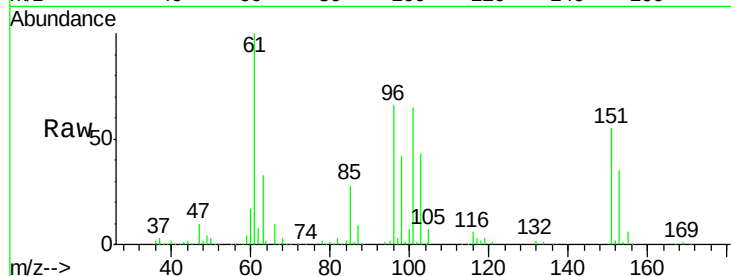
Tot Ion:101 Resp: 54816

Ion Ratio Lower Upper

101 100

85 42.9 0.0 86.8

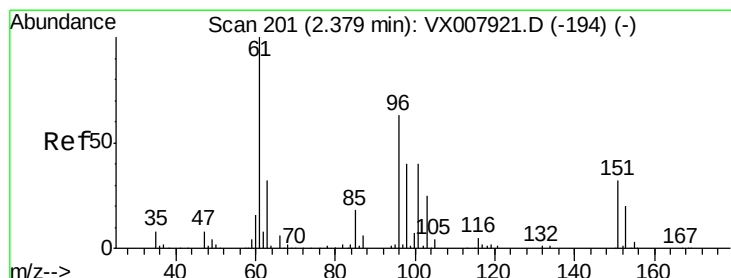
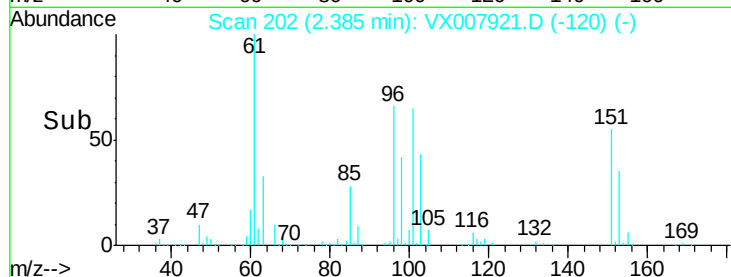
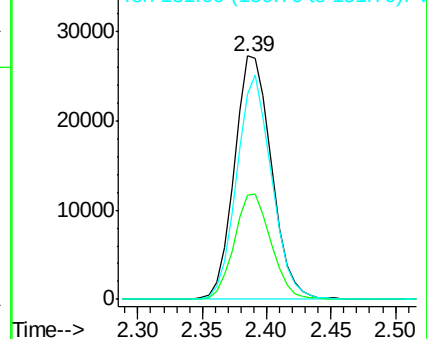
151 86.8 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.997 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

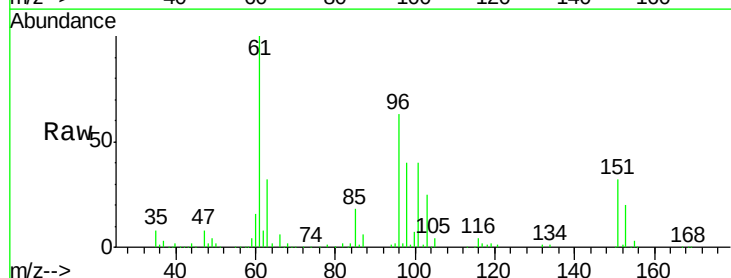
Tgt Ion: 96 Resp: 52517

Ion Ratio Lower Upper

96 100

61 159.6 120.2 180.2

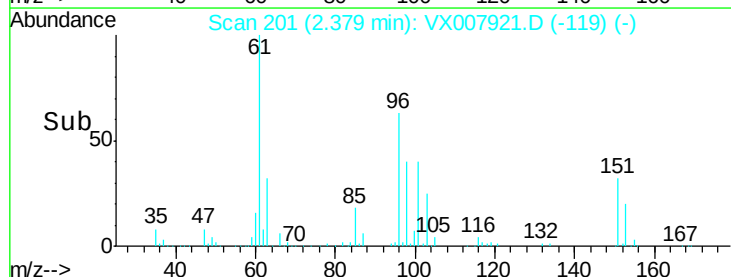
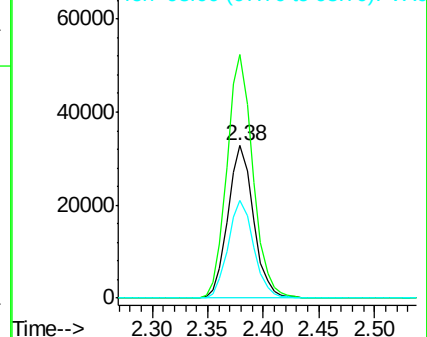
98 63.8 49.0 73.4

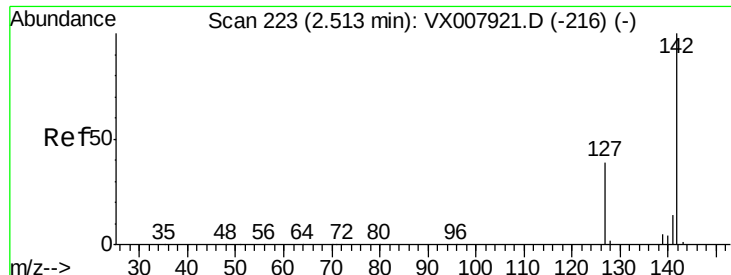


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

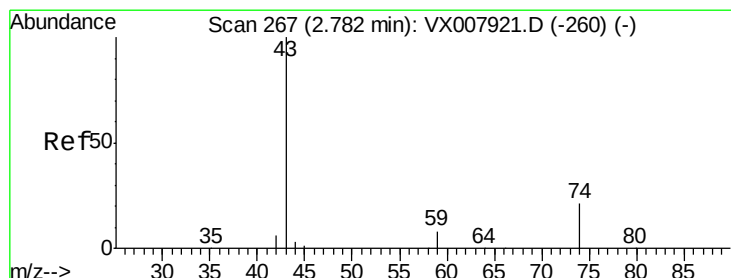
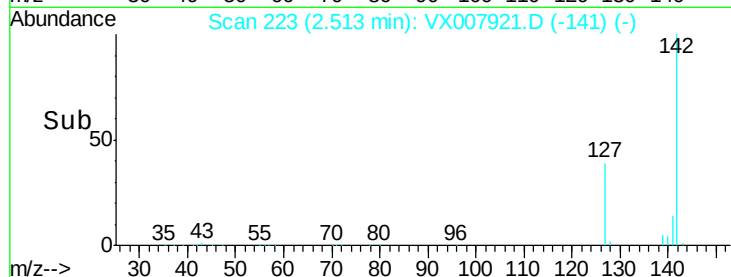
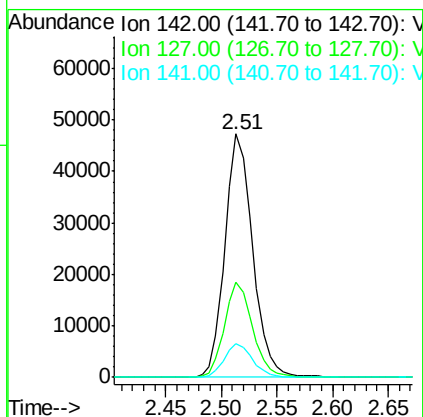
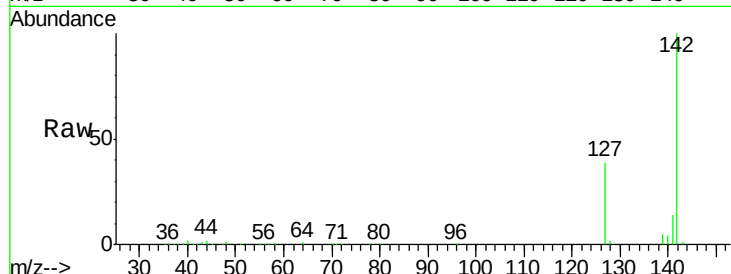




#11
Methvl Iodide
Concen: 19.921 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

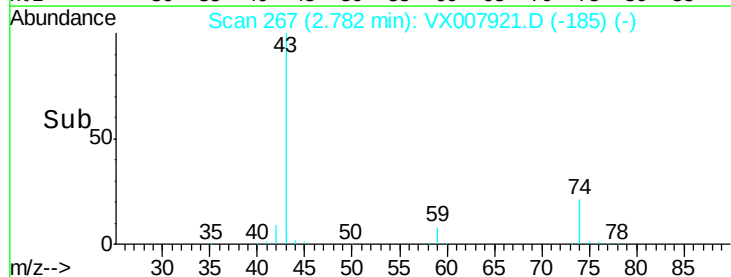
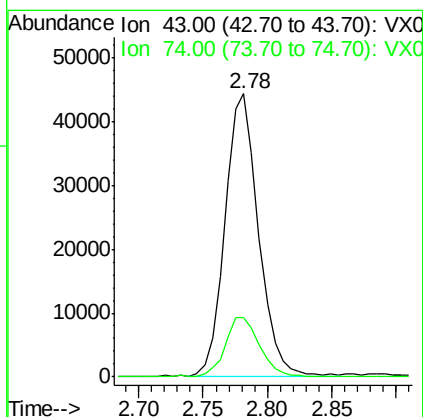
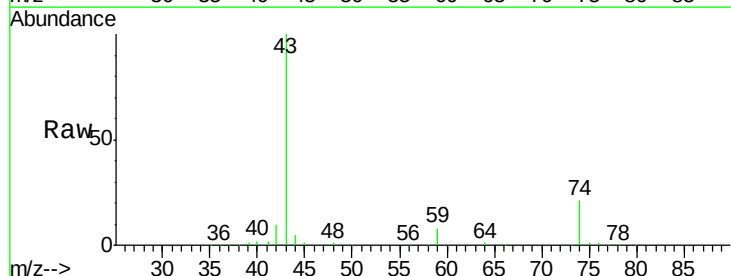
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

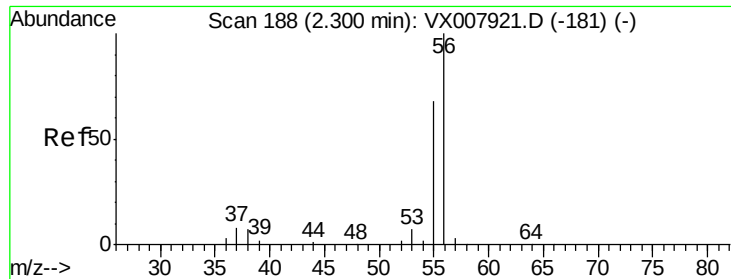
Tot Ion:142 Resp: 81900
Ion Ratio Lower Upper
142 100
127 39.1 22.1 66.5
141 13.7 7.4 22.3



#12
Methyl Acetate
Concen: 19.220 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Tgt Ion: 43 Resp: 79831
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.0





#13

Acrolein

Concen: 91.953 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

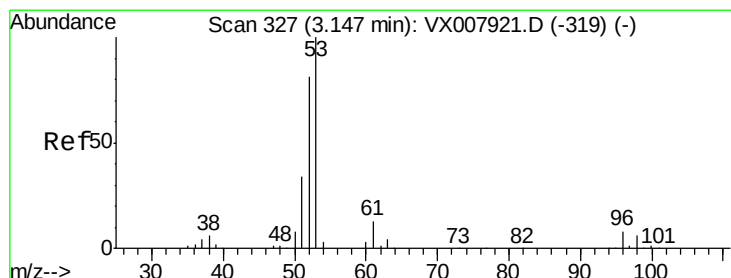
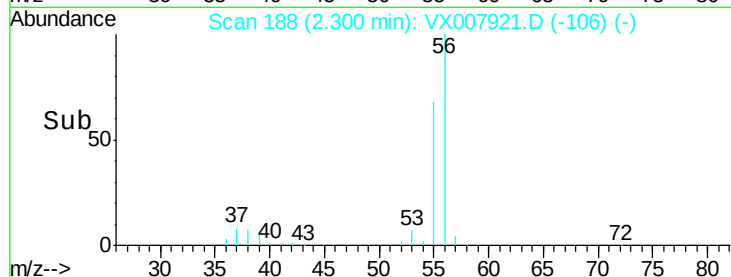
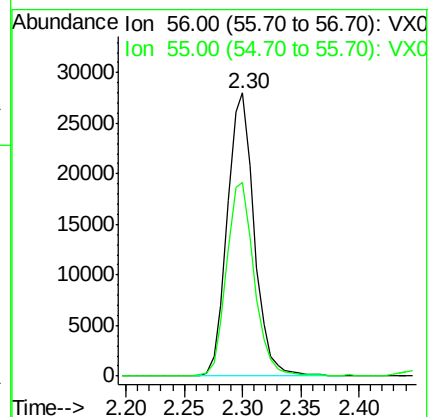
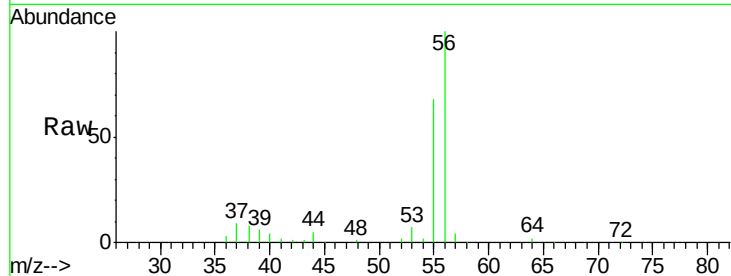
VSTDICCC020

Tot Ion: 56 Resp: 44808

Ion Ratio Lower Upper

56 100

55 70.4 58.6 87.8



#14

Acrylonitrile

Concen: 102.075 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

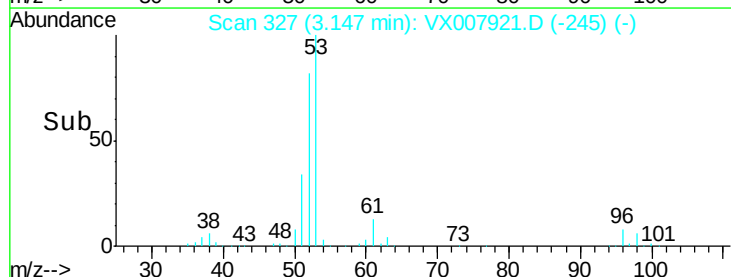
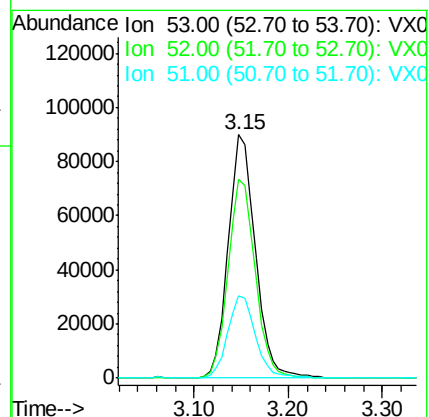
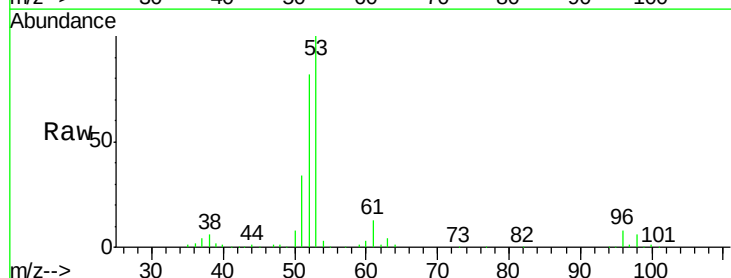
Tgt Ion: 53 Resp: 179978

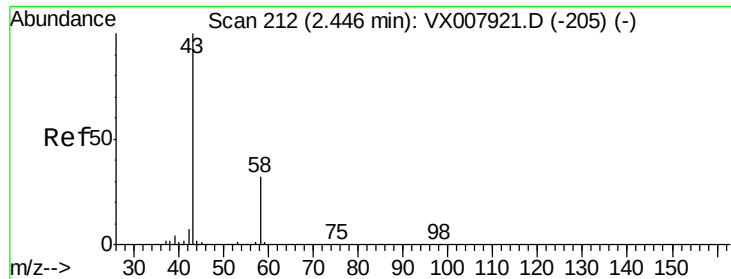
Ion Ratio Lower Upper

53 100

52 82.0 41.3 124.1

51 35.0 17.5 52.6





#15

Acetone

Concen: 115.673 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

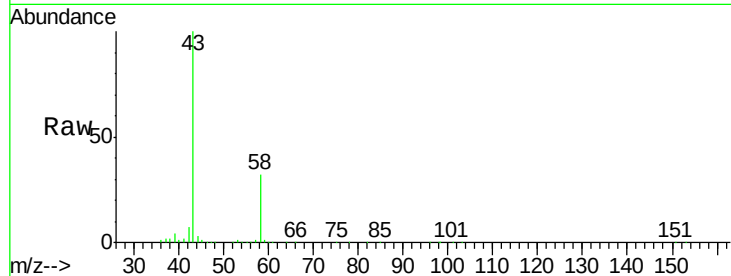
VSTDICCC020

Tot Ion: 58 Resp: 73635

Ion Ratio Lower Upper

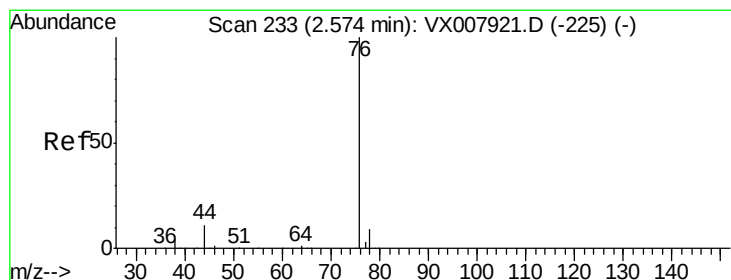
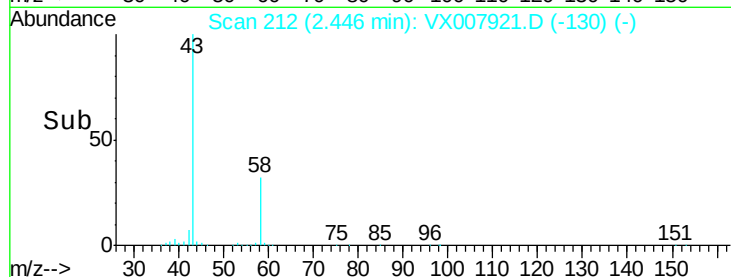
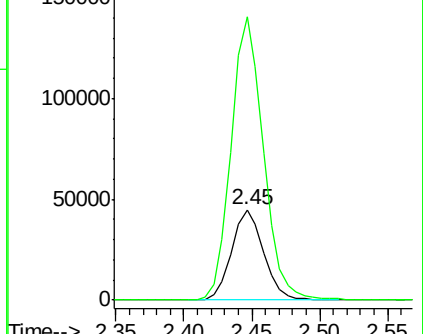
58 100

43 313.0 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 20.162 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007921.D

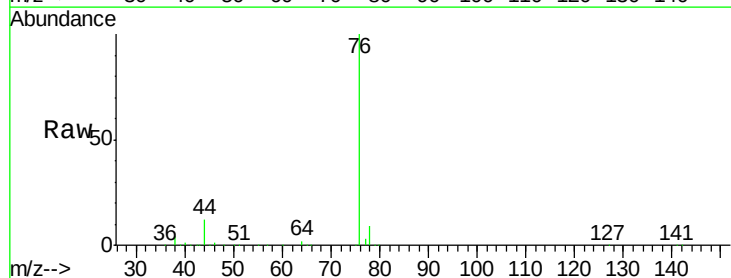
Acq: 08 Mar 2019 10:20

Tgt Ion: 76 Resp: 166128

Ion Ratio Lower Upper

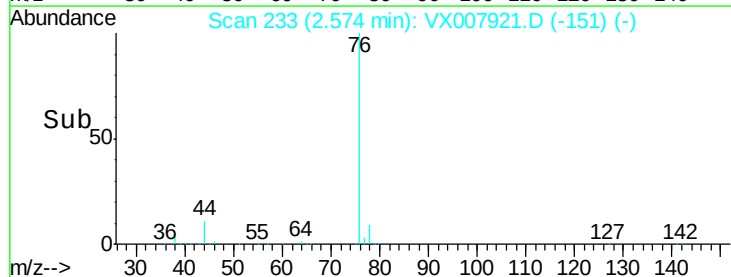
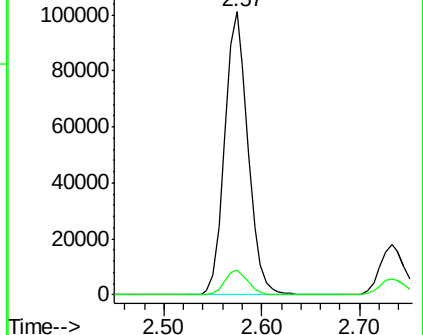
76 100

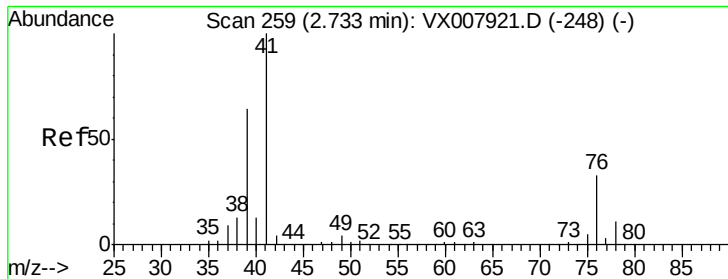
78 9.0 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

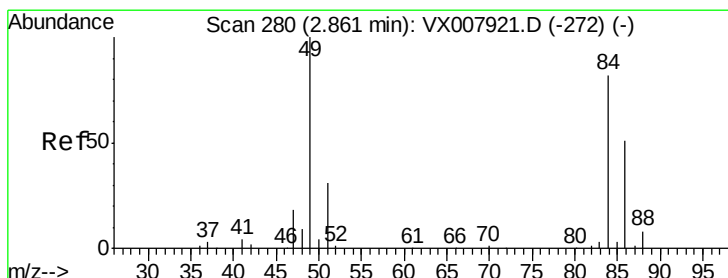
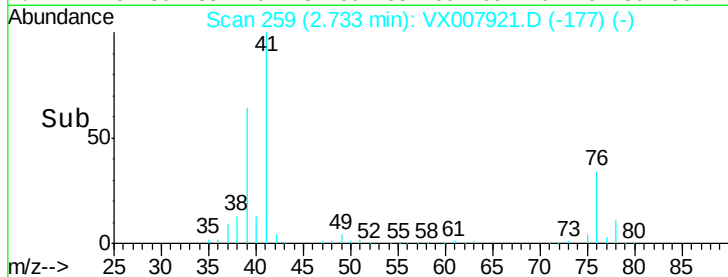
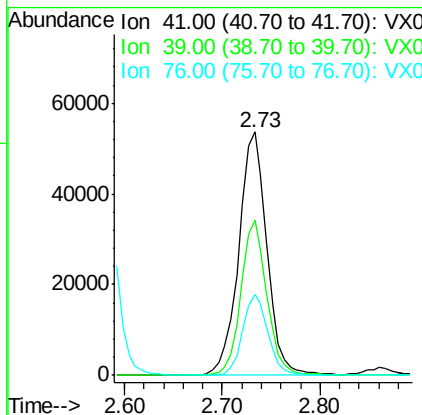
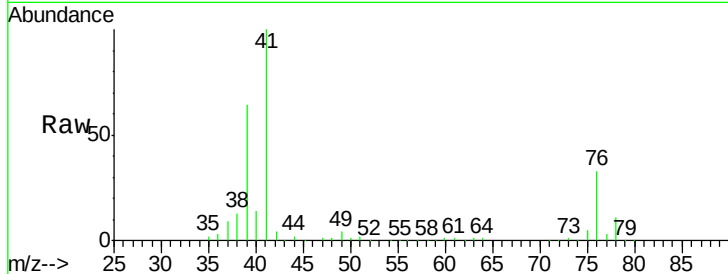




#17
Allvl chloride
Concen: 19.947 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

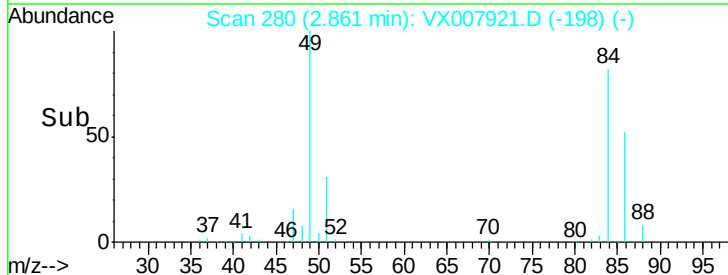
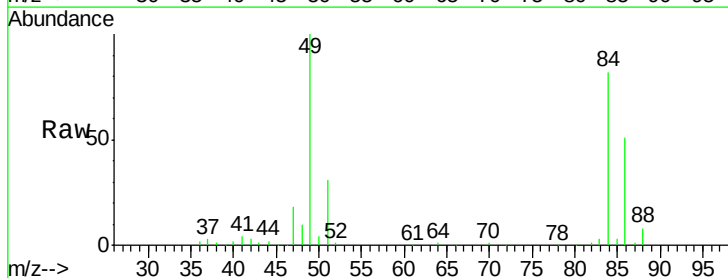
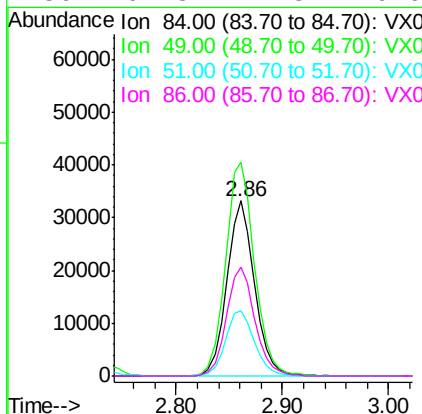
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

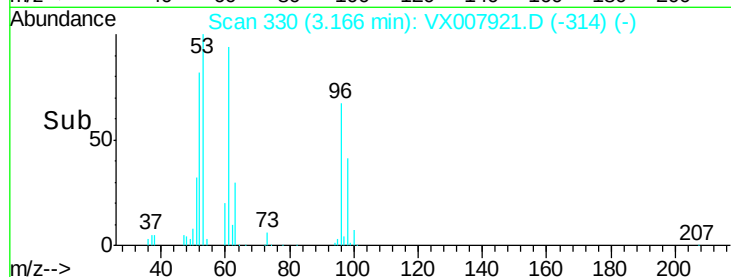
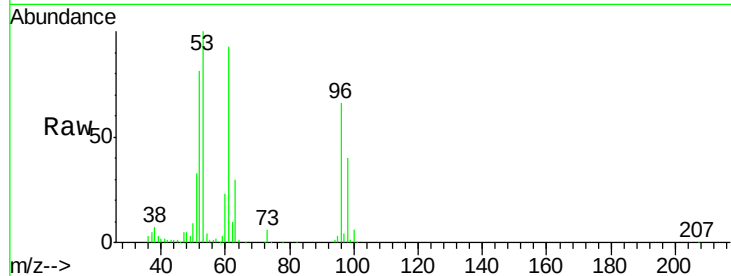
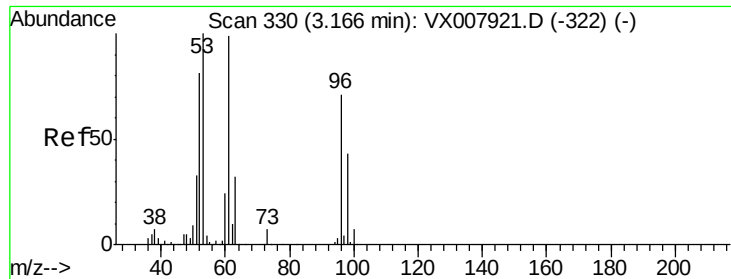
Tot Ion: 41 Resp: 107405
Ion Ratio Lower Upper
41 100
39 63.6 35.8 107.4
76 33.3 18.3 54.9



#18
Methylene Chloride
Concen: 20.113 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Tgt Ion: 84 Resp: 60177
Ion Ratio Lower Upper
84 100
49 122.1 96.1 144.1
51 37.5 29.1 43.7
86 62.3 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 19.963 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

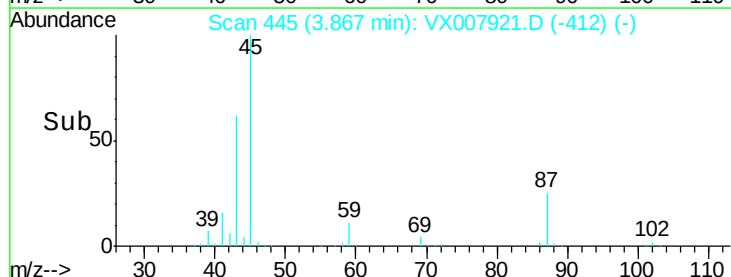
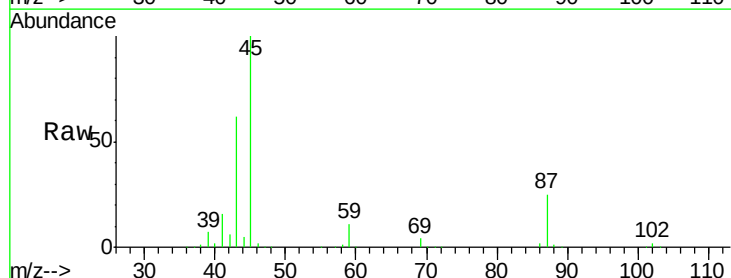
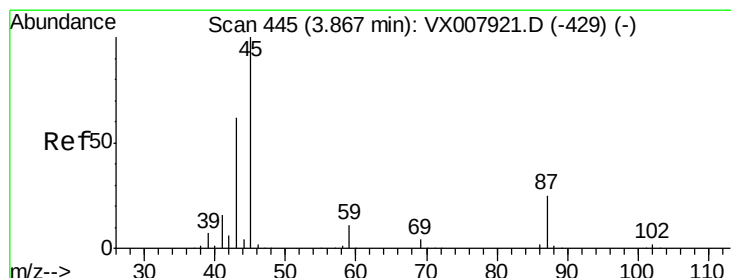
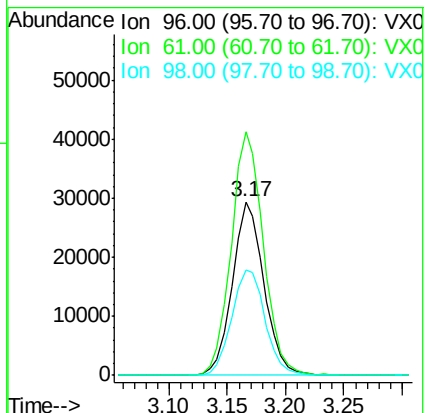
Tot Ion: 96 Resp: 55474

Ion Ratio Lower Upper

96 100

61 140.5 109.9 164.9

98 60.7 50.4 75.6



#20

Diisopropyl ether

Concen: 20.270 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Tgt Ion: 45 Resp: 199666

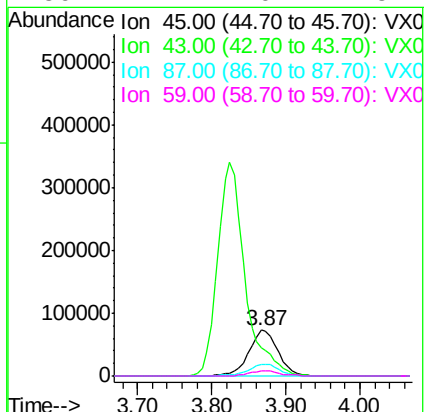
Ion Ratio Lower Upper

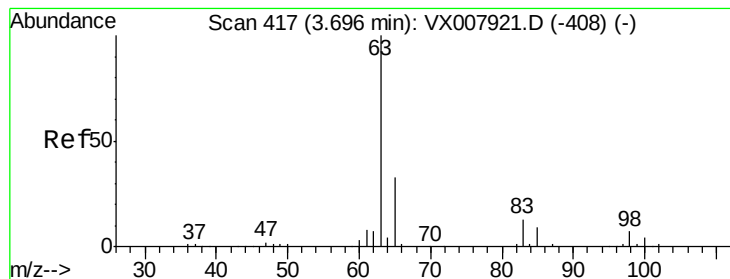
45 100

43 61.8 50.6 76.0

87 25.4 24.5 36.7

59 11.1 10.2 15.2





#21

1,1-Dichloroethane

Concen: 20.002 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

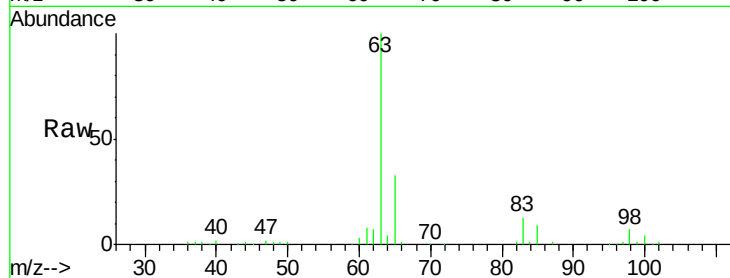
Tot Ion: 63 Resp: 107156

Ion Ratio Lower Upper

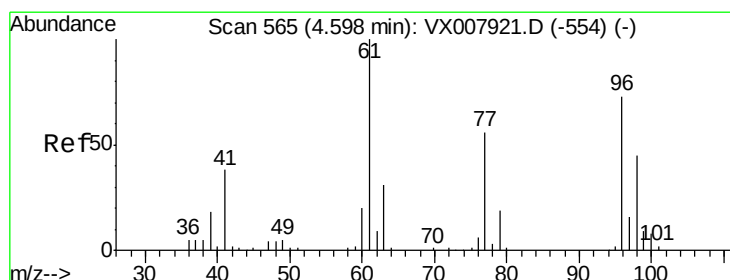
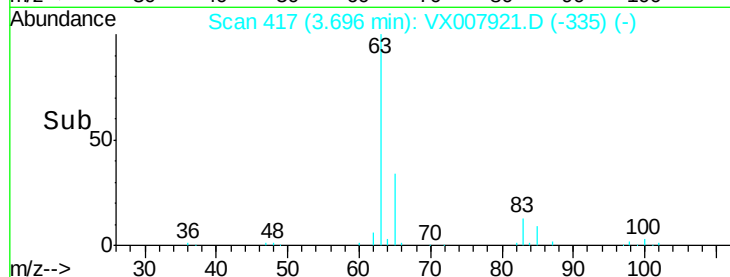
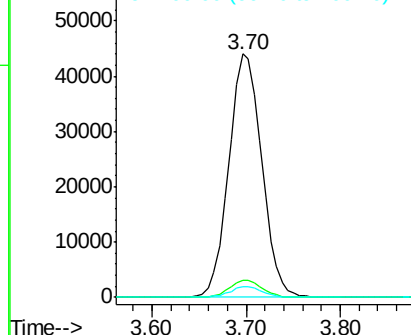
63 100

98 6.8 3.8 11.4

100 4.1 2.4 7.1



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



#22

cis-1,2-Dichloroethene

Concen: 19.815 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

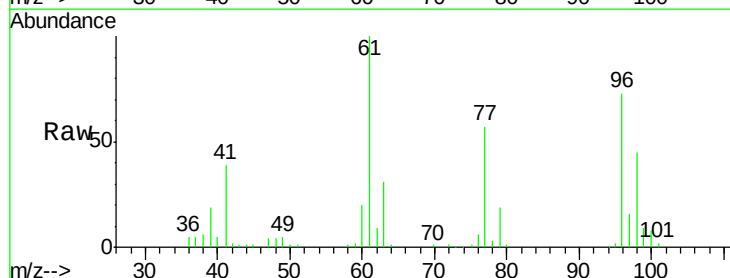
Tgt Ion: 96 Resp: 63515

Ion Ratio Lower Upper

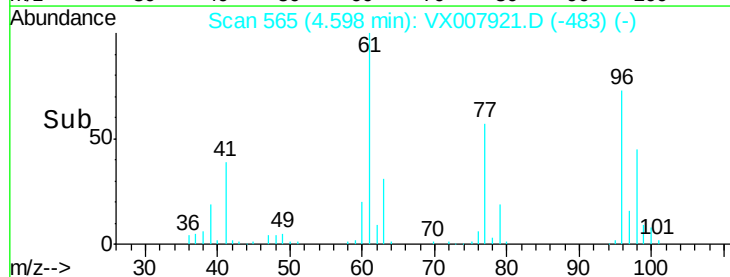
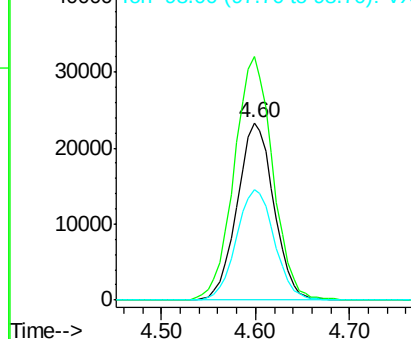
96 100

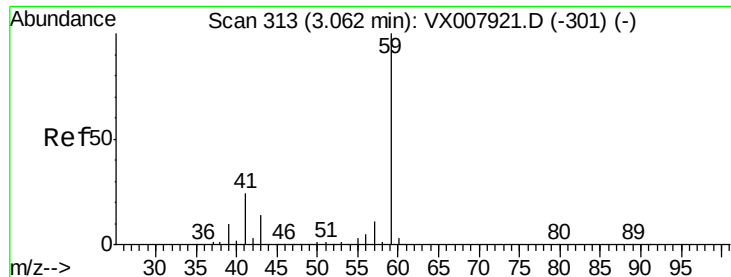
61 143.7 103.5 155.3

98 64.4 52.1 78.1



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



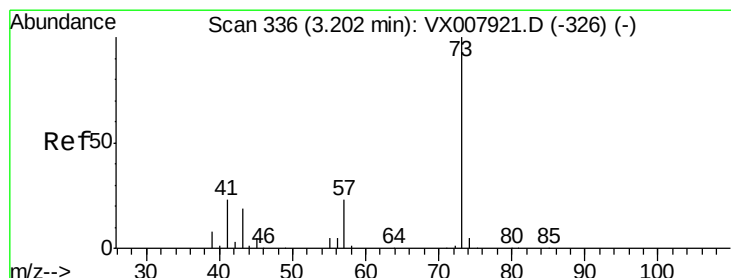
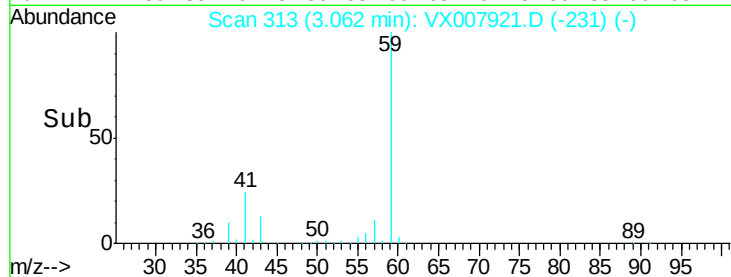
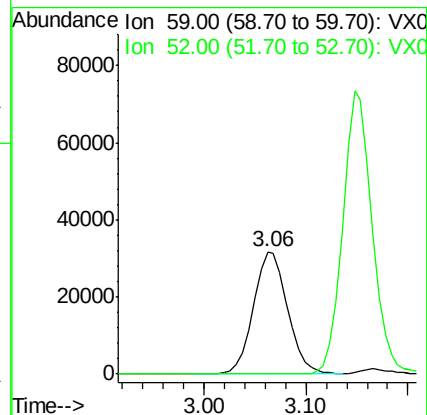
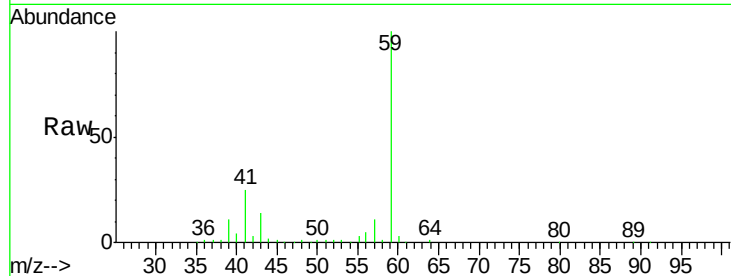


#23

tert-Butyl Alcohol
 Concen: 104.336 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

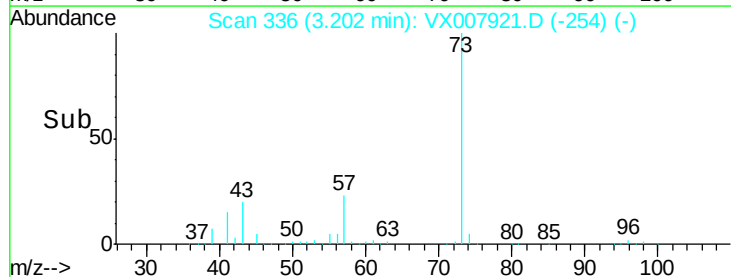
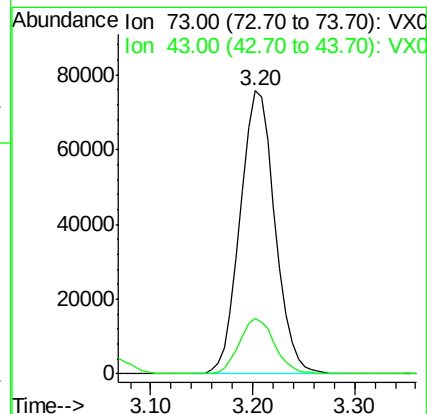
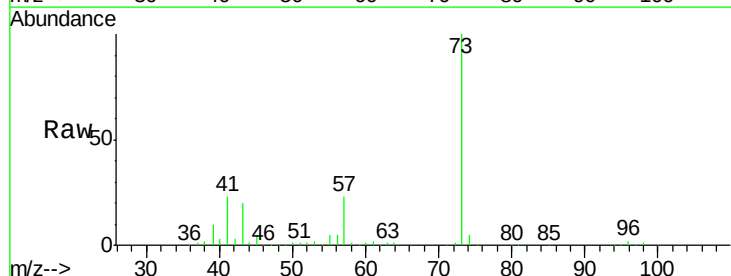
Tot Ion: 59 Resp: 74217
 Ion Ratio Lower Upper
 59 100
 52 0.4 0.2 0.2#

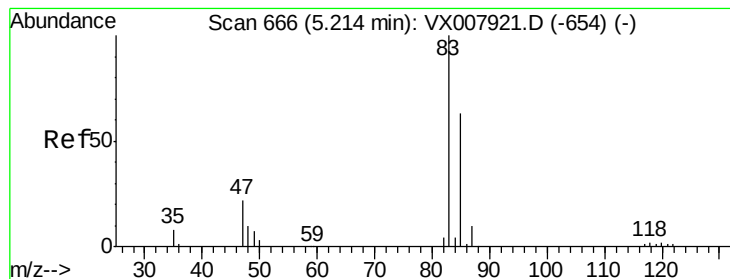


#24

Methyl tert-Butyl Ether
 Concen: 19.923 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

Tgt Ion: 73 Resp: 179902
 Ion Ratio Lower Upper
 73 100
 43 19.4 17.1 25.7





#25

Chloroform

Concen: 20.001 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

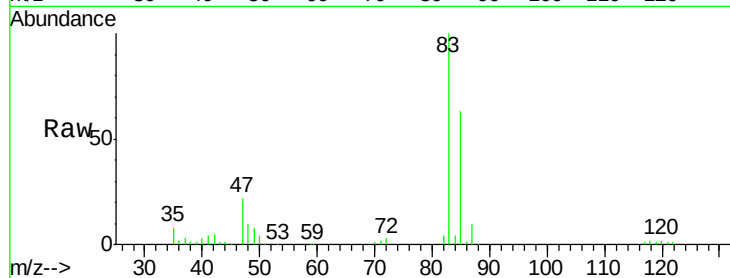
VSTDICCC020

Tot Ion: 83 Resp: 101135

Ion Ratio Lower Upper

83 100

85 62.5 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.21

40000

30000

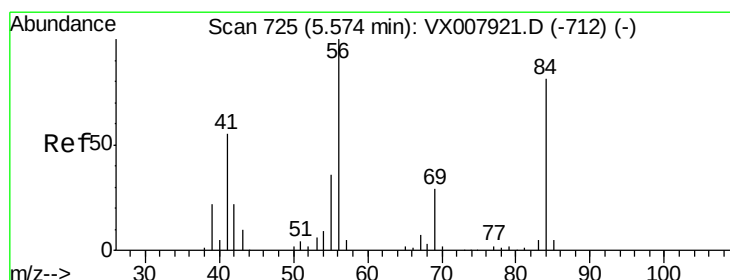
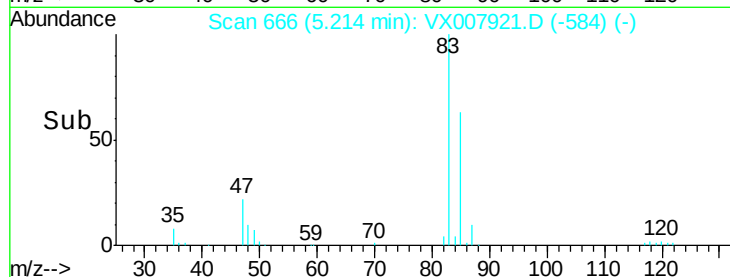
20000

10000

0

Time-->

5.10 5.20 5.30



#26

Cyclohexane

Concen: 19.778 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

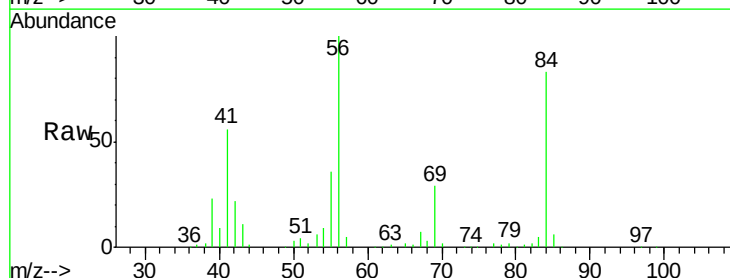
Tgt Ion: 56 Resp: 97909

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 83.7 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.57

50000

40000

30000

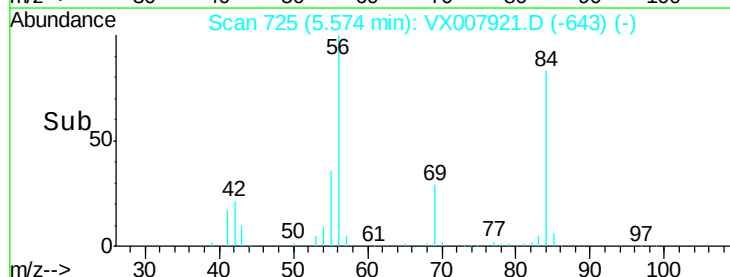
20000

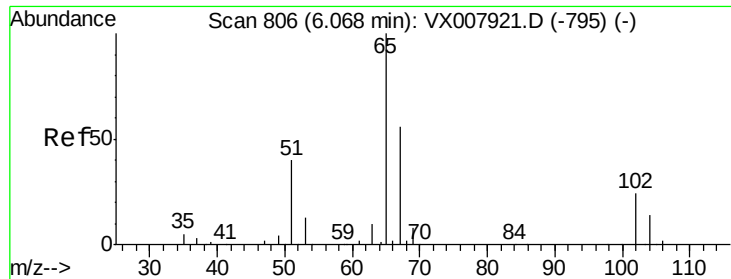
10000

0

Time-->

5.50 5.60 5.70





#27

1,2-Dichloroethane-d4

Concen: 29.958 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

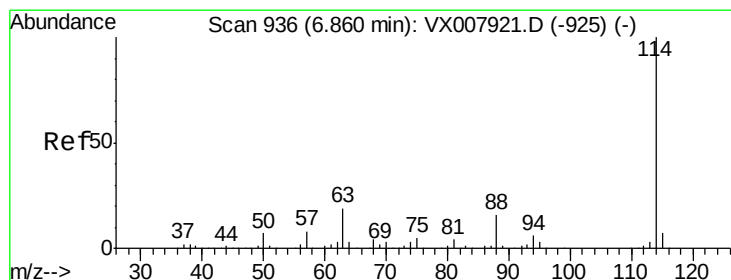
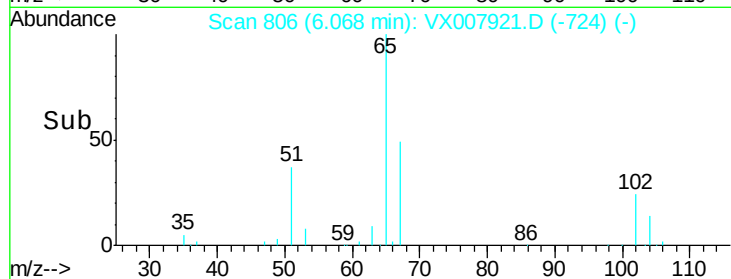
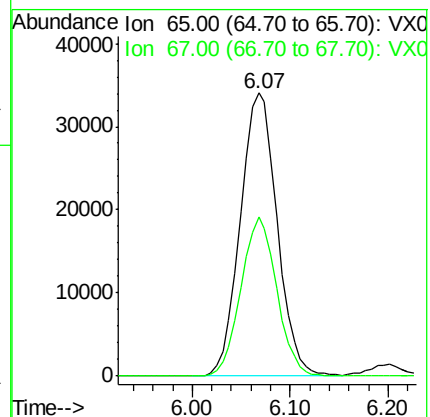
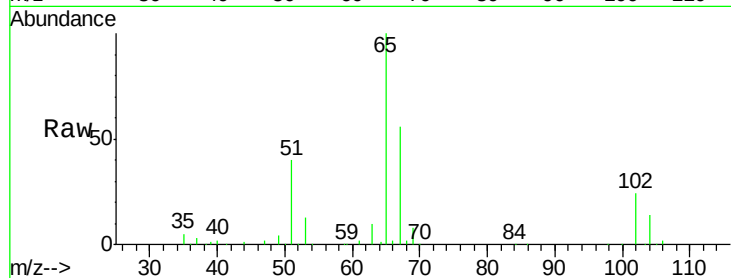
VSTDICCC020

Tot Ion: 65 Resp: 89122

Ion Ratio Lower Upper

65 100

67 54.4 42.9 64.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

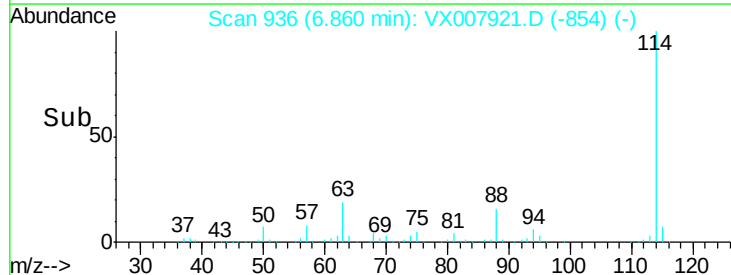
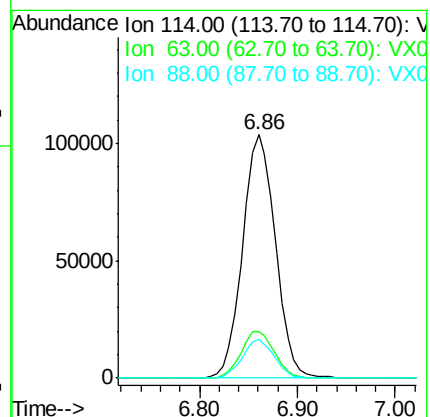
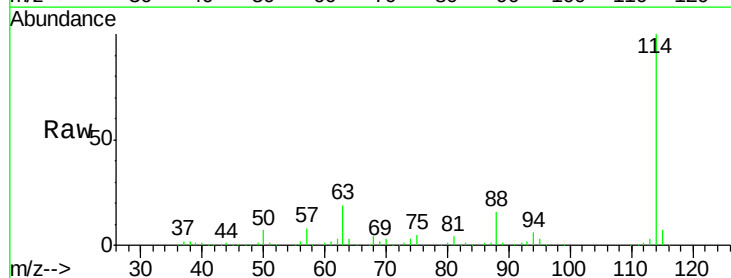
Tgt Ion: 114 Resp: 241473

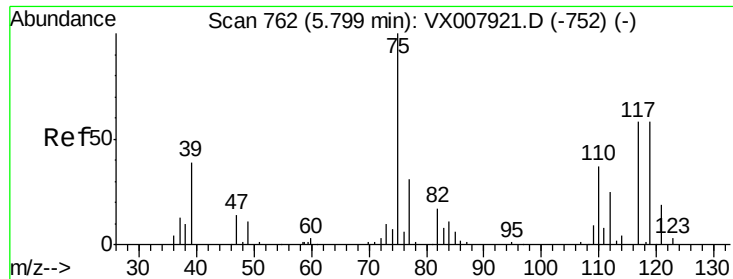
Ion Ratio Lower Upper

114 100

63 19.6 14.2 21.4

88 15.5 11.9 17.9

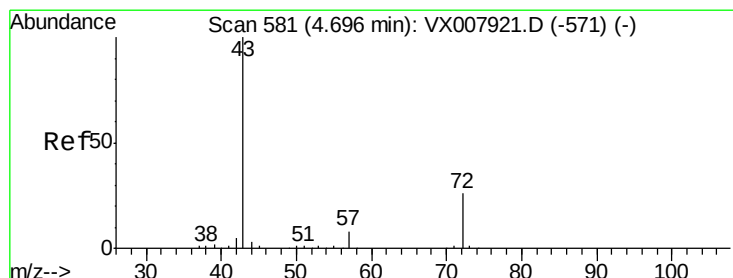
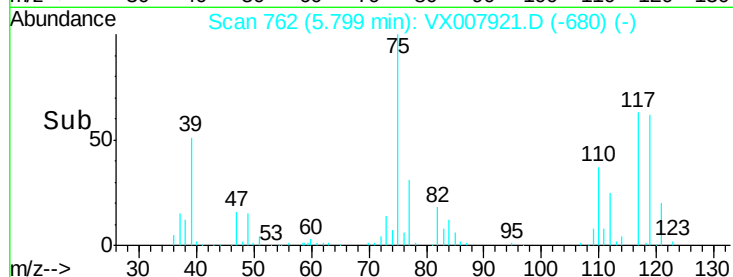
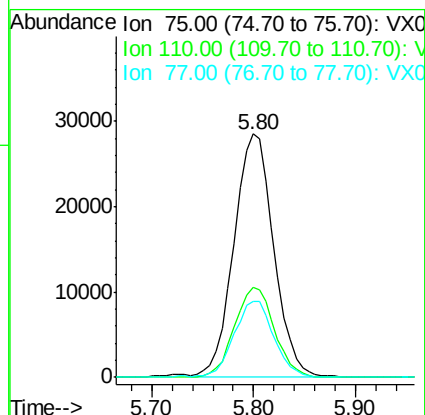
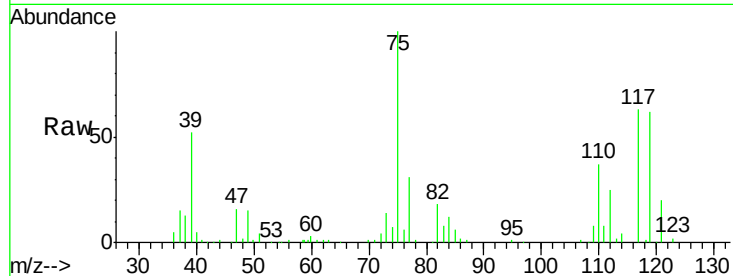




#29
 1,1-Dichloropropene
 Concen: 20.181 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

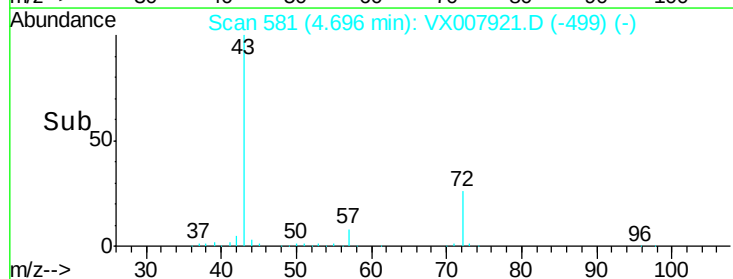
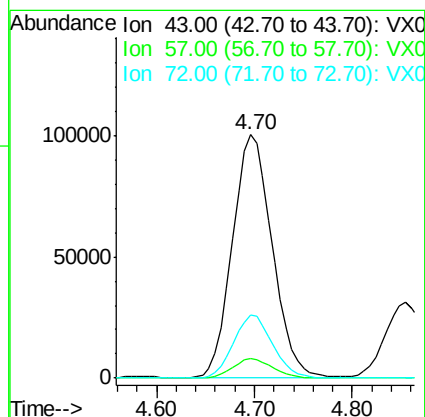
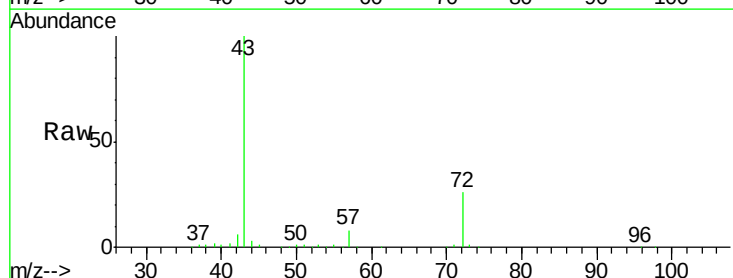
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

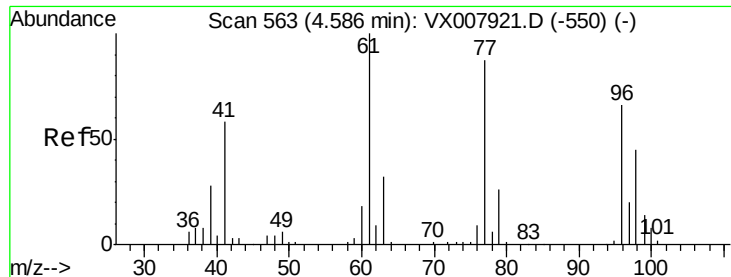
Tot Ion: 75 Resp: 77269
 Ion Ratio Lower Upper
 75 100
 110 37.2 0.0 80.8
 77 31.4 0.0 62.4



#30
 2-Butanone
 Concen: 109.855 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

Tgt Ion: 43 Resp: 283684
 Ion Ratio Lower Upper
 43 100
 57 8.1 7.0 10.6
 72 25.7 21.5 32.3

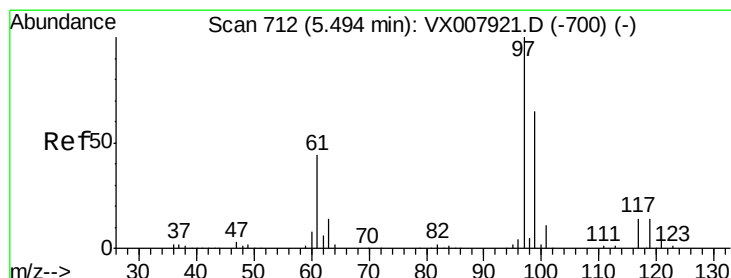
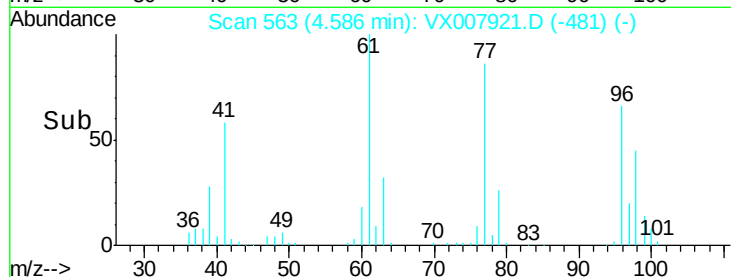
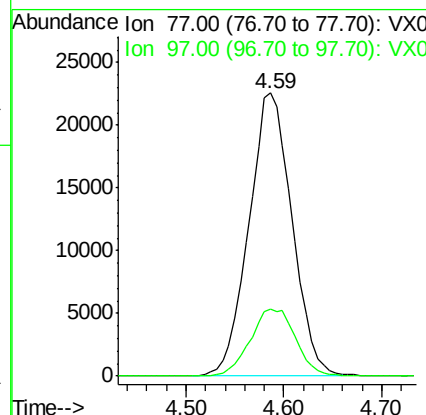
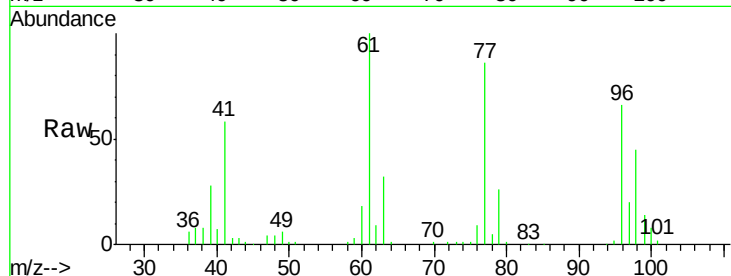




#31
 2,2-Dichloropropane
 Concen: 19.515 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

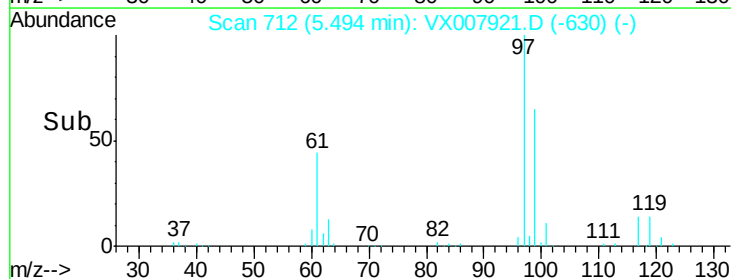
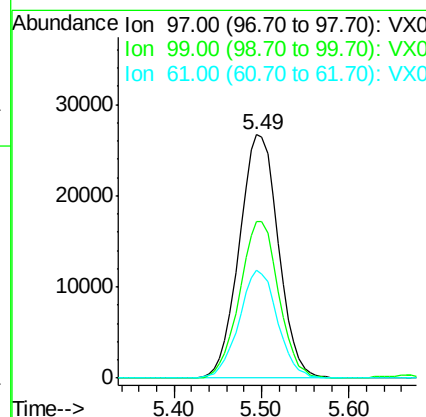
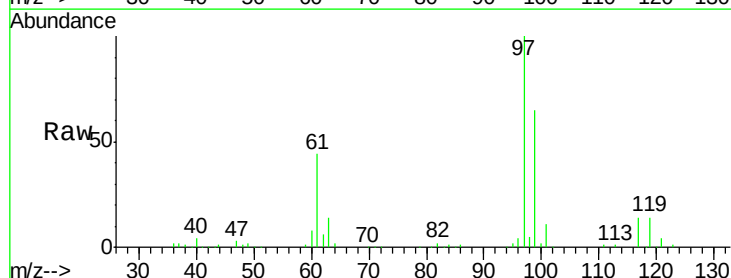
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

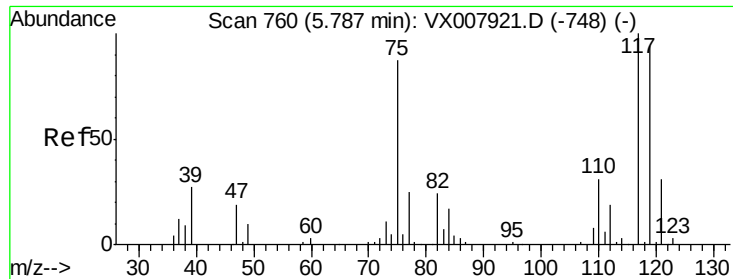
Tot Ion: 77 Resp: 69014
 Ion Ratio Lower Upper
 77 100
 97 15.3 20.6 31.0#



#32
 1,1,1-Trichloroethane
 Concen: 20.018 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

Tgt Ion: 97 Resp: 82878
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.7 77.5
 61 43.6 32.8 49.2

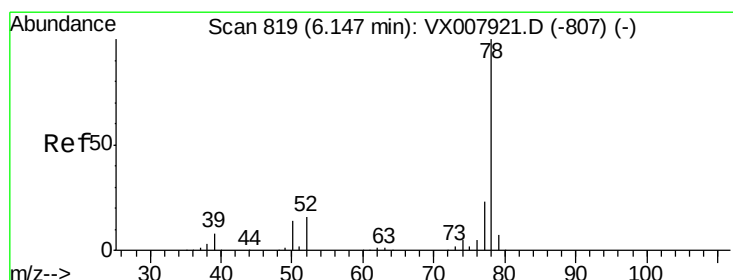
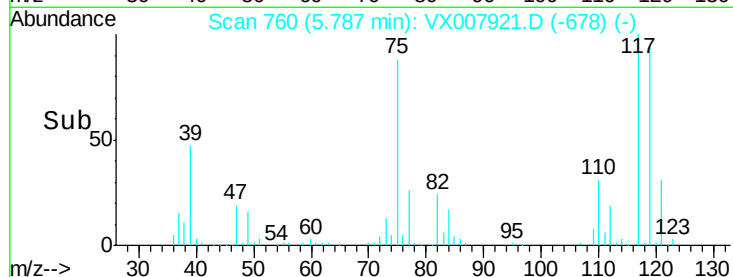
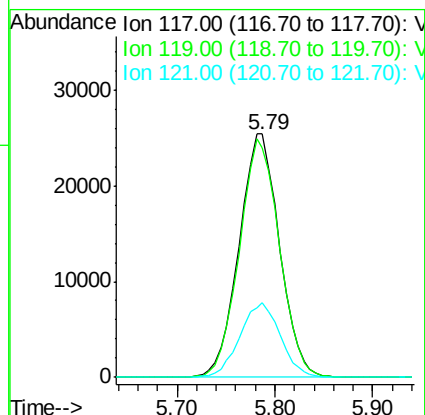
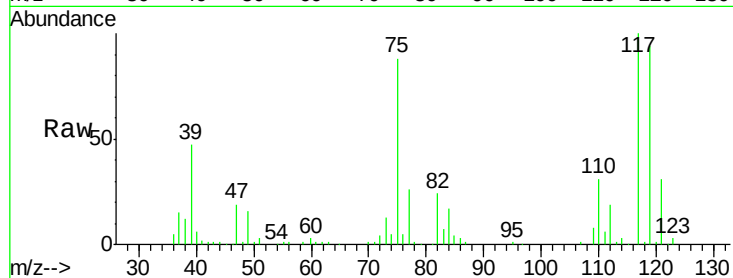




#33
Carbon Tetrachloride
Concen: 19.787 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

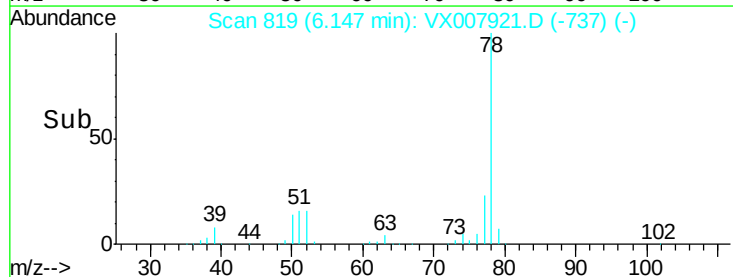
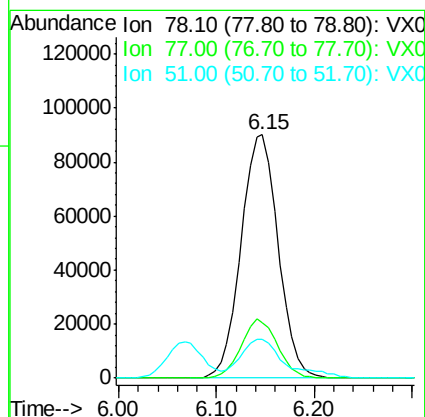
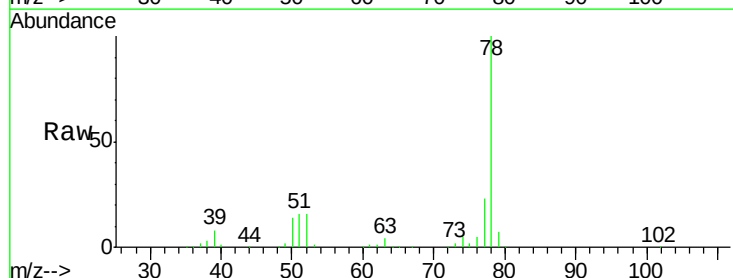
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

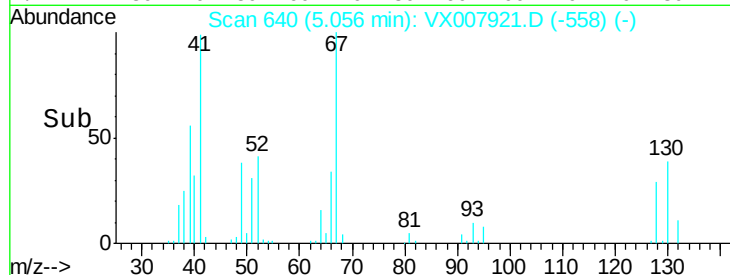
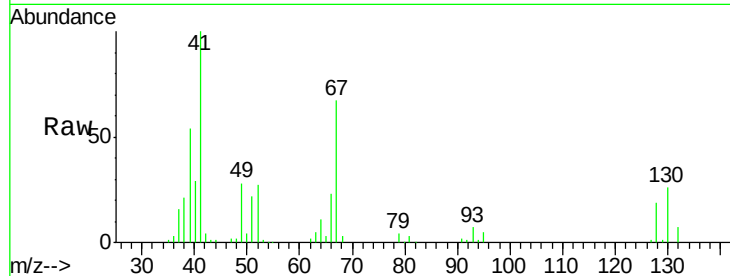
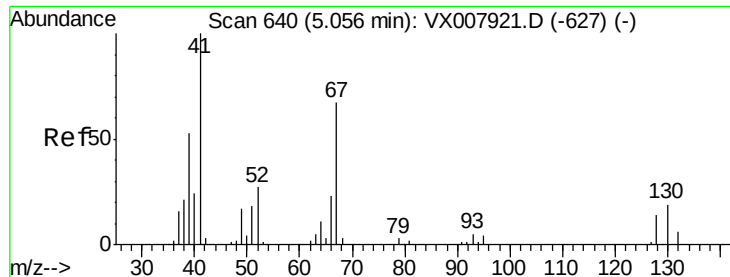
Tot Ion:117 Resp: 72662
Ion Ratio Lower Upper
117 100
119 94.1 78.1 117.1
121 30.5 27.0 40.6



#34
Benzene
Concen: 20.302 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

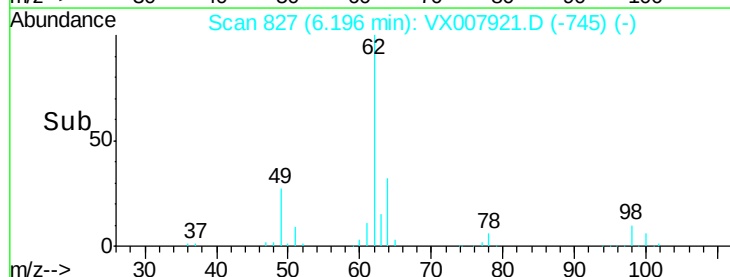
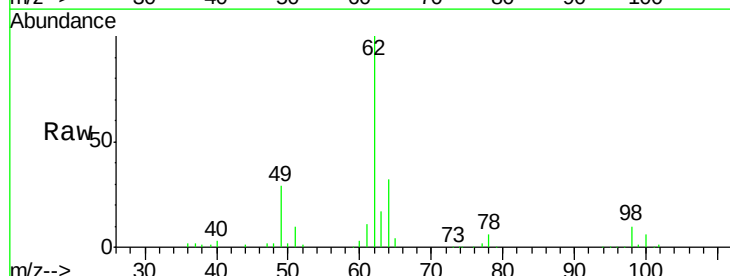
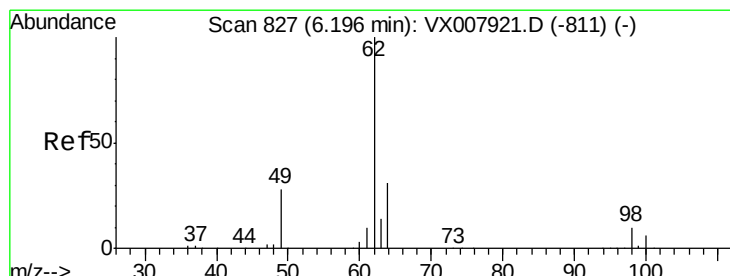
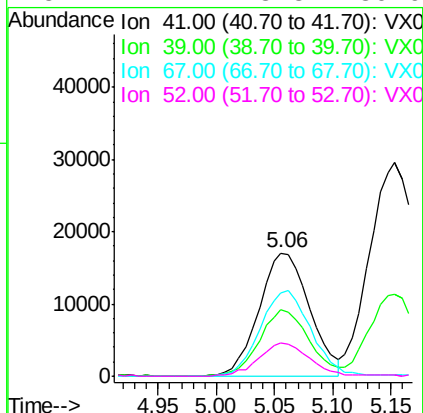
Tgt Ion: 78 Resp: 238219
Ion Ratio Lower Upper
78 100
77 22.9 19.1 28.7
51 15.1 10.8 16.2





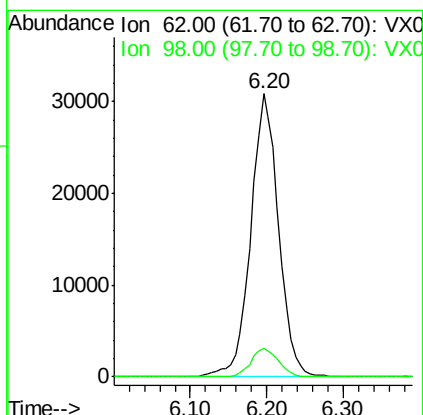
#35
Methacrylonitrile
Concen: 20.410 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

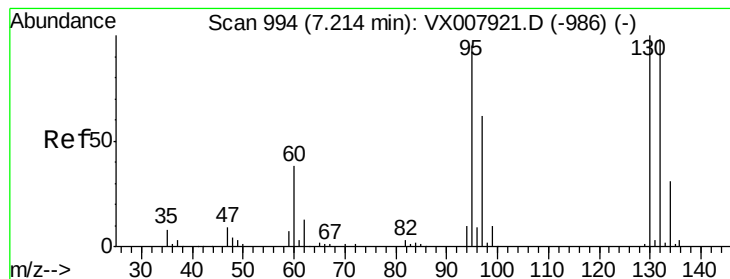
Tot Ion: 41 Resp: 51359
Ion Ratio Lower Upper
41 100
39 53.3 27.4 82.0
67 67.0 37.9 113.6
52 27.4 13.3 39.9



#36
1,2-Dichloroethane
Concen: 20.496 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Tgt Ion: 62 Resp: 78240
Ion Ratio Lower Upper
62 100
98 10.0 7.8 11.8





#37

Trichloroethene

Concen: 19.996 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

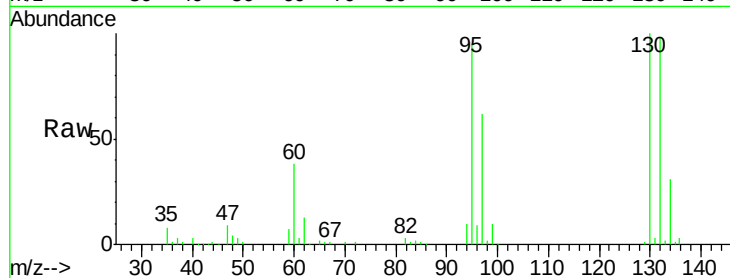
VSTDICCC020

Tot Ion:130 Resp: 63567

Ion Ratio Lower Upper

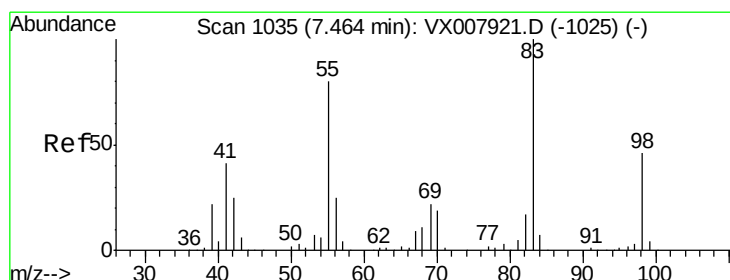
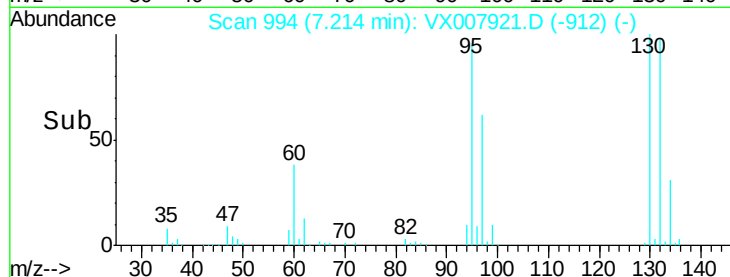
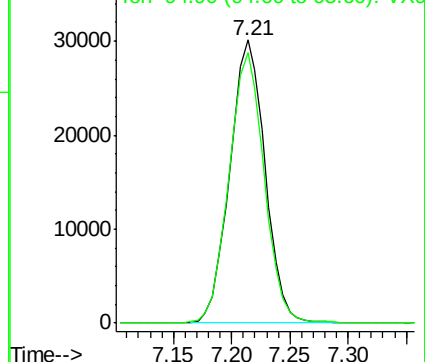
130 100

95 95.0 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.747 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

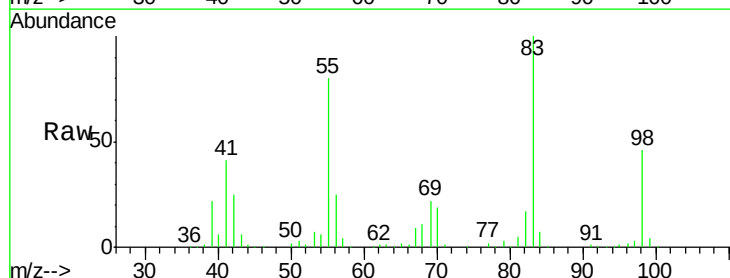
Tgt Ion: 83 Resp: 96126

Ion Ratio Lower Upper

83 100

55 79.0 36.0 108.0

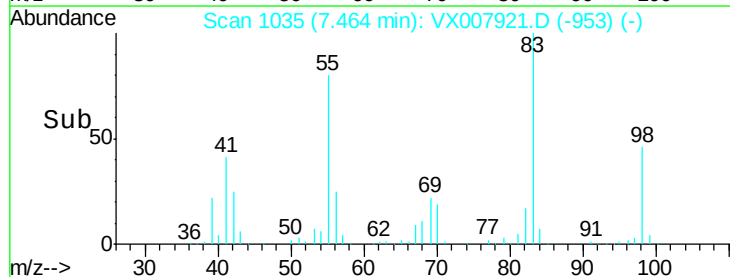
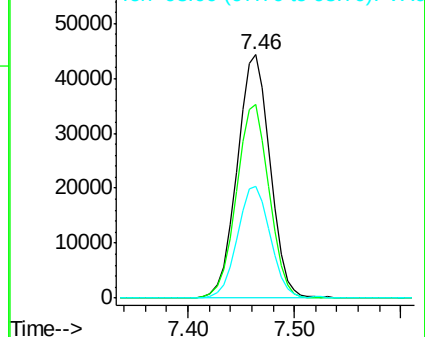
98 46.1 23.8 71.4

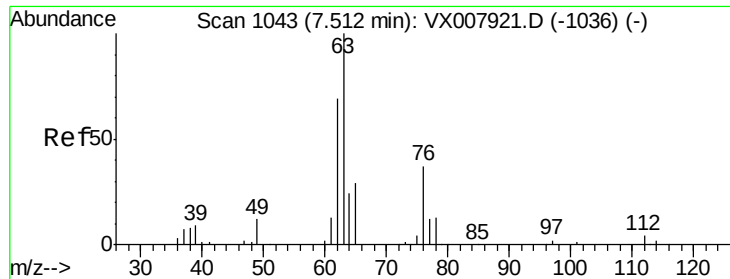


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

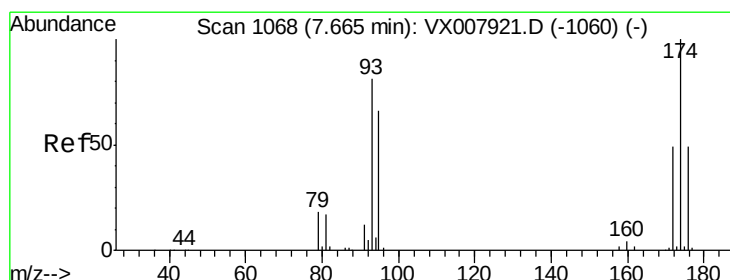
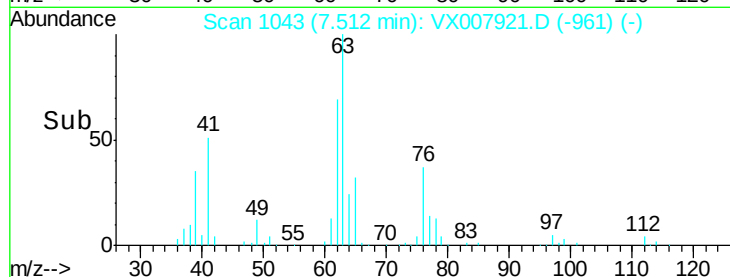
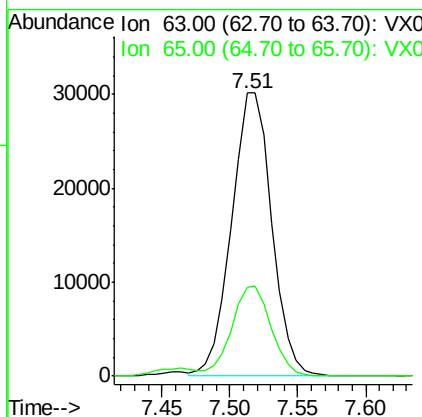
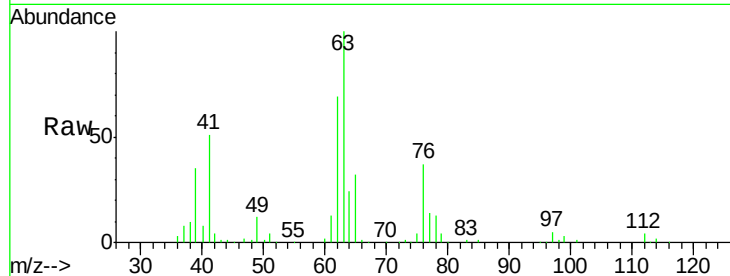




#39
 1,2-Dichloropropane
 Concen: 20.227 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

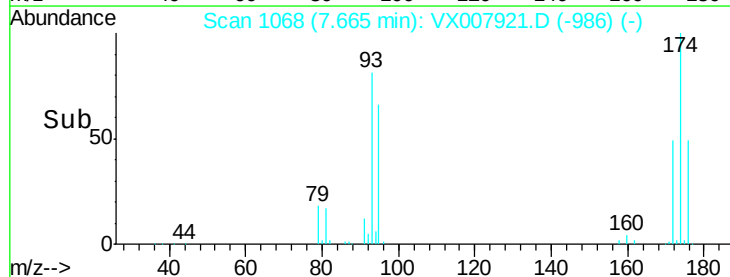
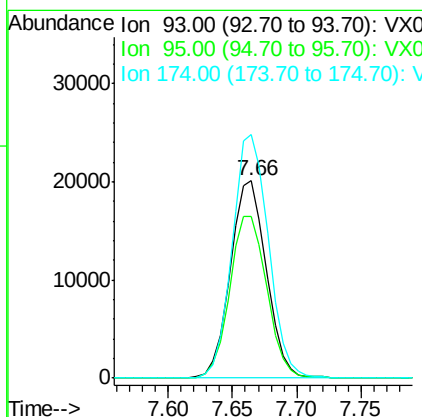
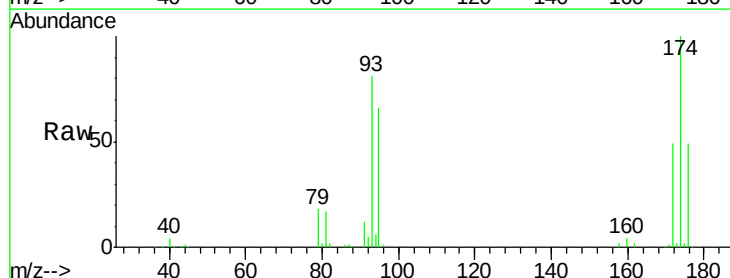
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

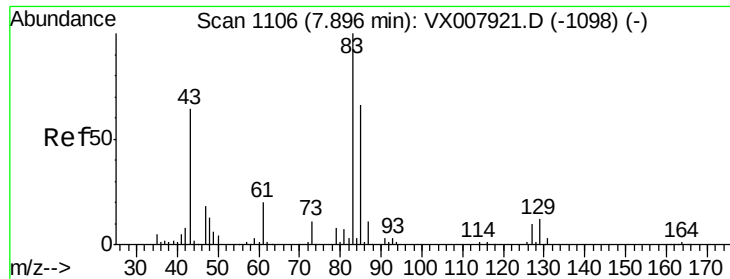
Tot Ion: 63 Resp: 61893
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 37.0



#40
 Dibromomethane
 Concen: 20.111 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

Tgt Ion: 93 Resp: 39035
 Ion Ratio Lower Upper
 93 100
 95 84.6 0.0 158.8
 174 123.9 0.0 224.2





#41

Bromodichloromethane

Concen: 19.883 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

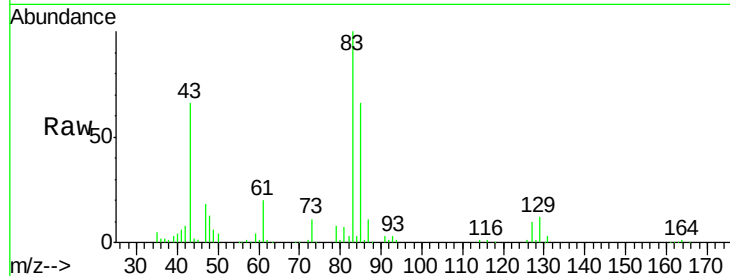
Tot Ion: 83 Resp: 72947

Ion Ratio Lower Upper

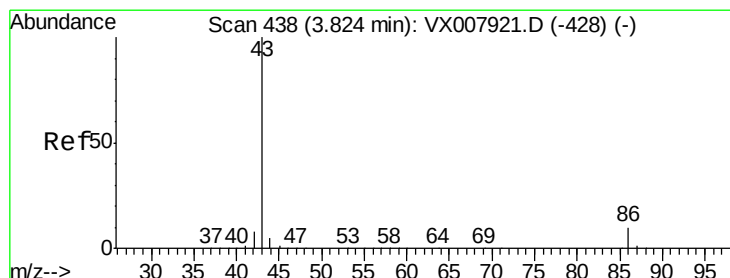
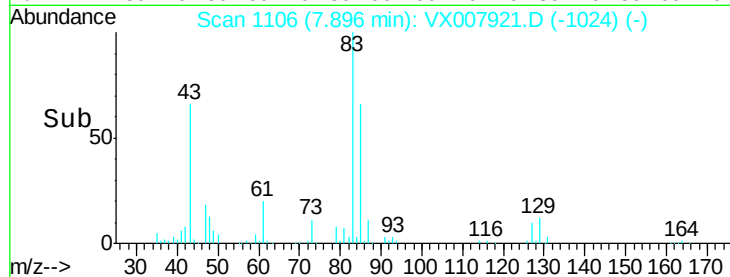
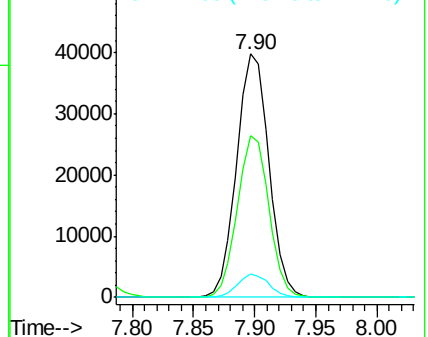
83 100

85 66.5 51.1 76.7

127 9.5 7.2 10.8



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



#42

Vinyl Acetate

Concen: 104.199 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007921.D

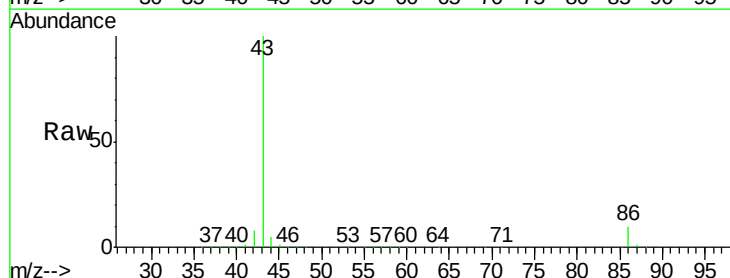
Acq: 08 Mar 2019 10:20

Tgt Ion: 43 Resp: 871013

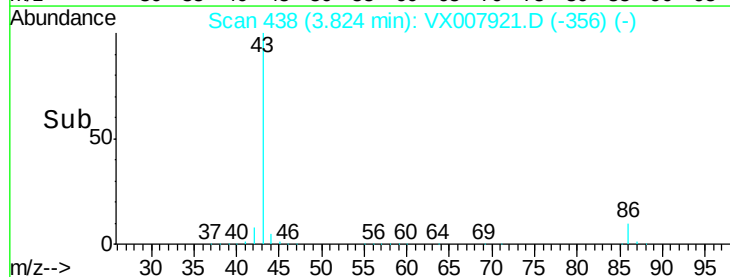
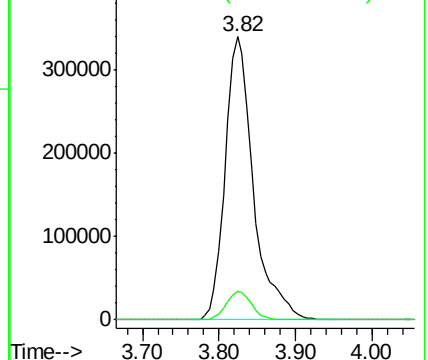
Ion Ratio Lower Upper

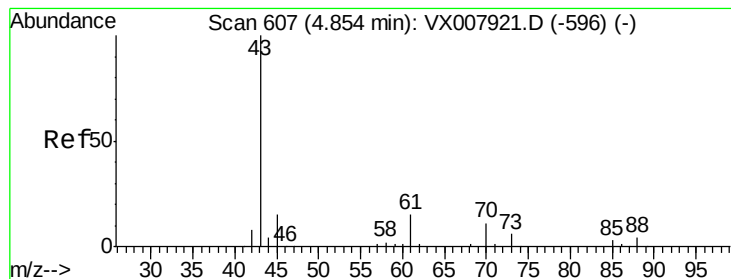
43 100

86 9.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 20.409 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

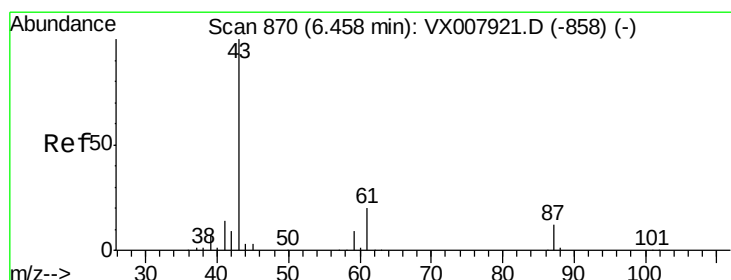
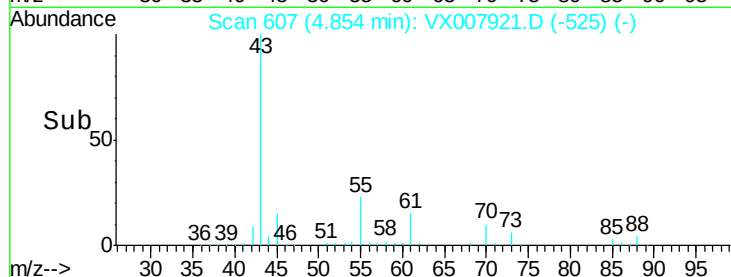
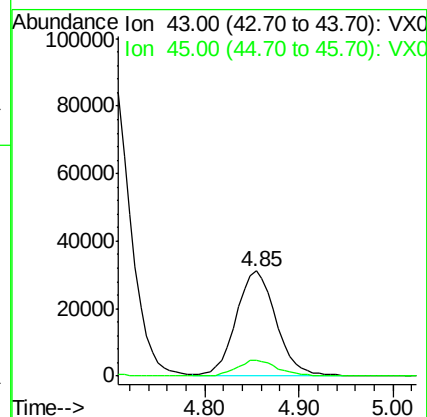
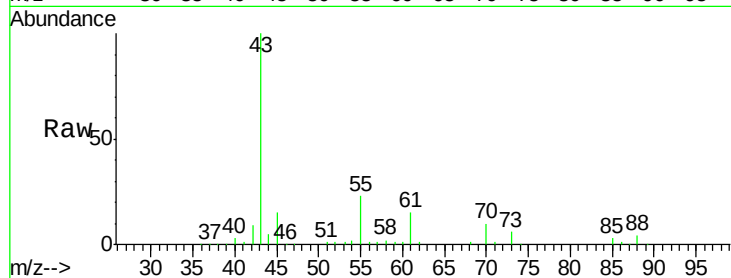
VSTDICCC020

Tot Ion: 43 Resp: 91802

Ion Ratio Lower Upper

43 100

45 15.2 6.9 10.3#



#44

Isopropyl Acetate

Concen: 20.226 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007921.D

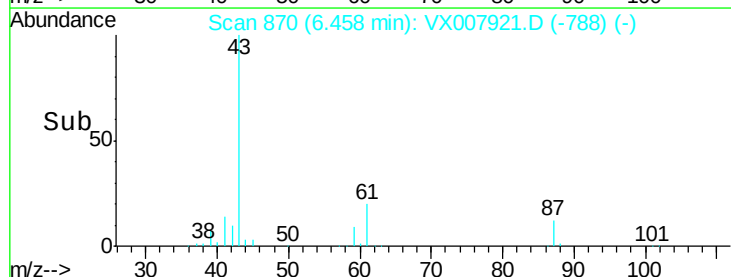
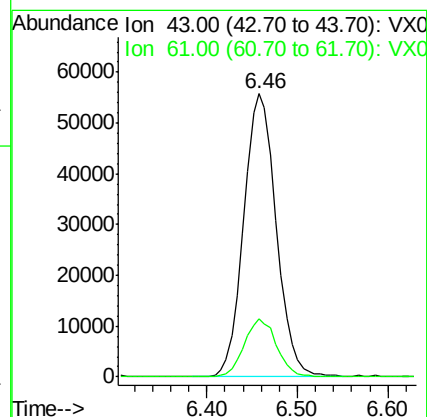
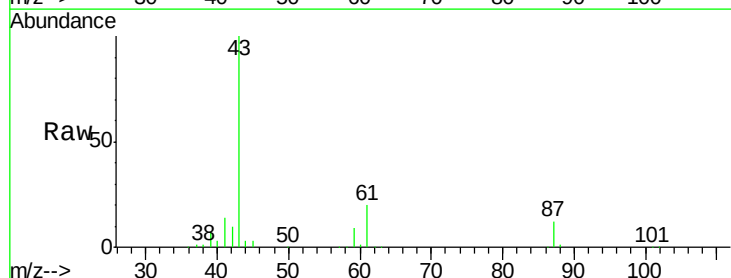
Acq: 08 Mar 2019 10:20

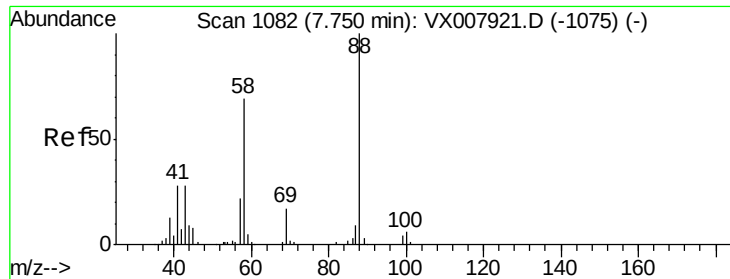
Tgt Ion: 43 Resp: 138817

Ion Ratio Lower Upper

43 100

61 20.4 16.1 24.1

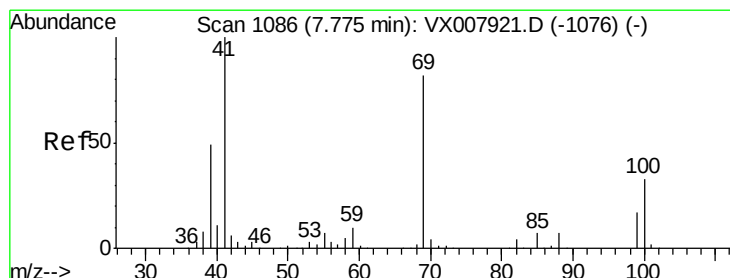
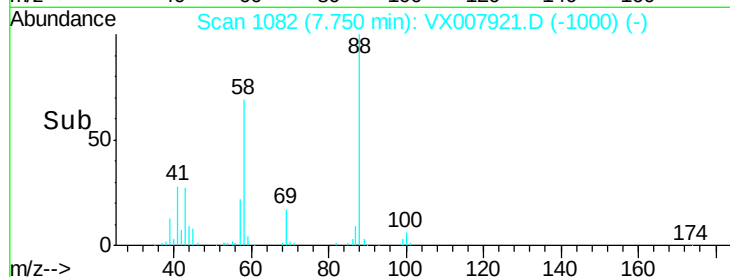
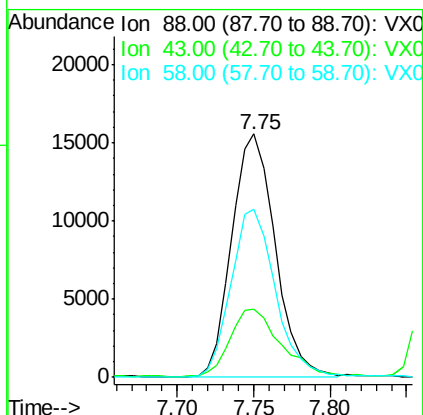
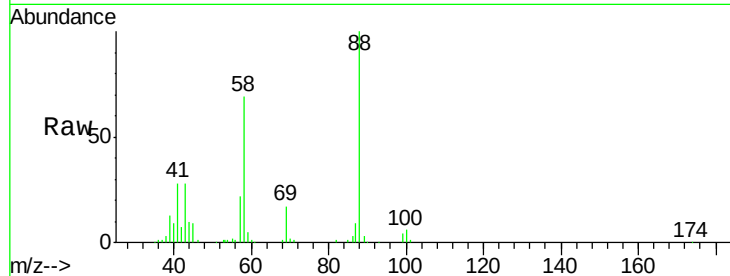




#45
 1,4-Dioxane
 Concen: 428.718 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

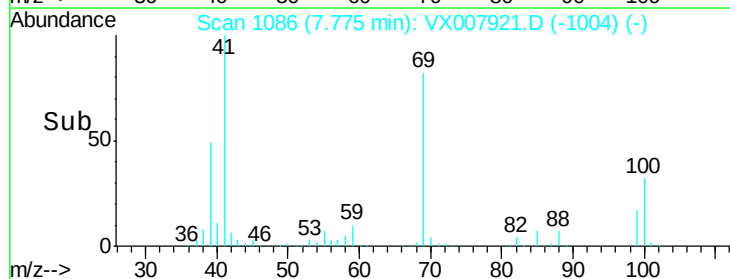
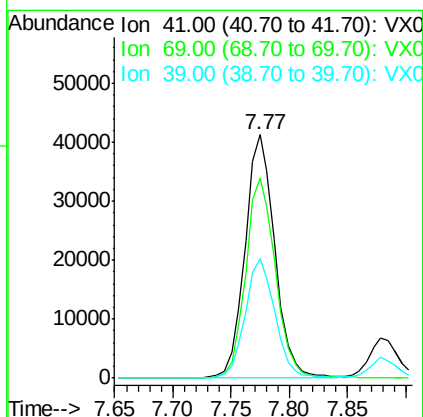
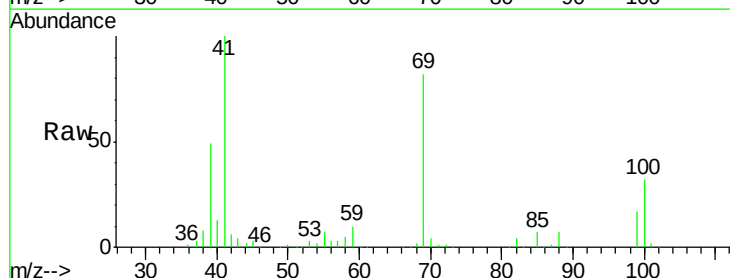
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

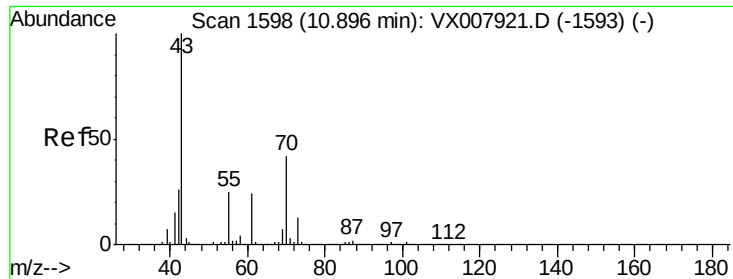
Tot Ion: 88 Resp: 30784
 Ion Ratio Lower Upper
 88 100
 43 31.7 23.6 35.4
 58 70.3 51.6 77.4



#46
 Methyl methacrylate
 Concen: 20.440 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

Tgt Ion: 41 Resp: 73778
 Ion Ratio Lower Upper
 41 100
 69 82.2 44.2 132.6
 39 49.1 29.9 89.8





#47

n-amvl Acetate

Concen: 20.595 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

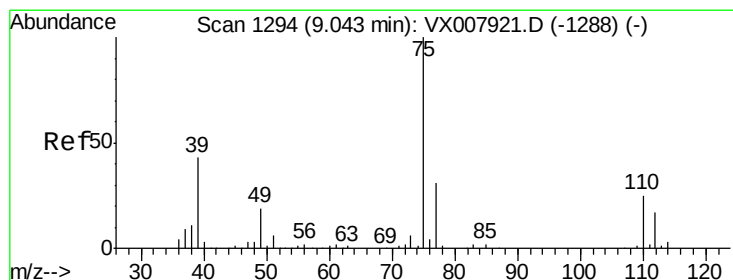
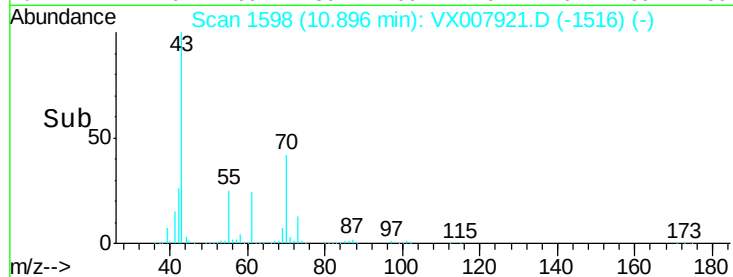
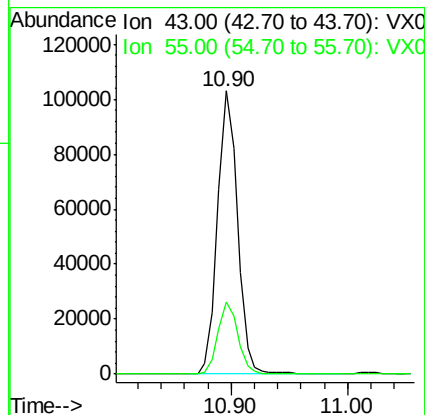
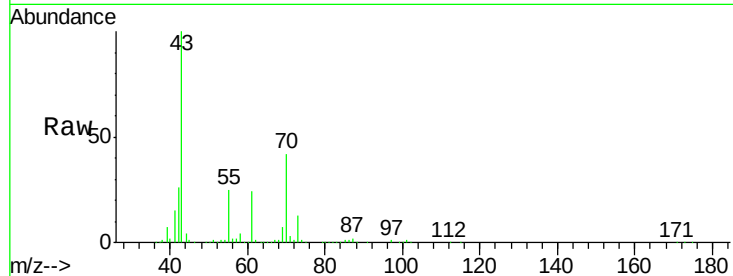
VSTDICCC020

Tot Ion: 43 Resp: 121791

Ion Ratio Lower Upper

43 100

55 25.3 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 19.430 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007921.D

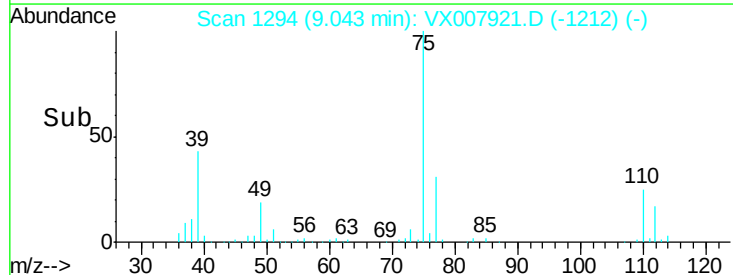
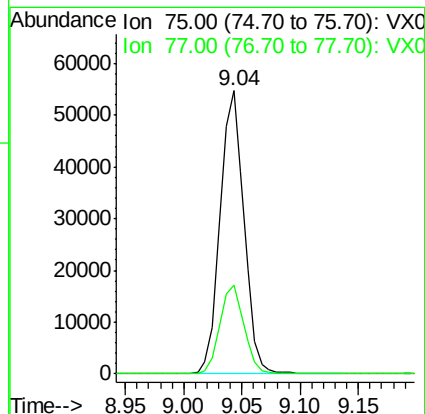
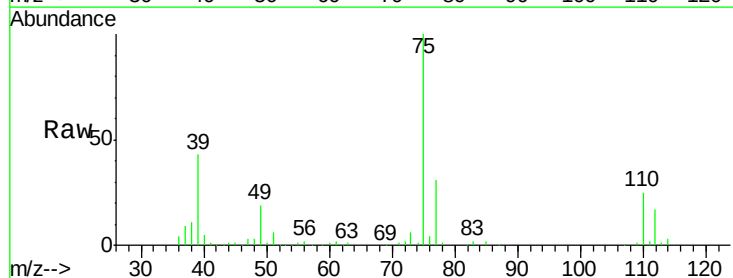
Acq: 08 Mar 2019 10:20

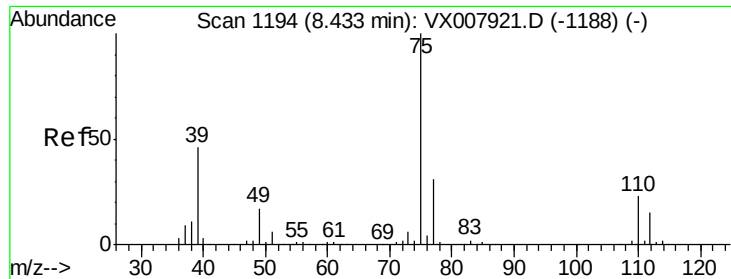
Tgt Ion: 75 Resp: 77203

Ion Ratio Lower Upper

75 100

77 31.2 24.5 36.7



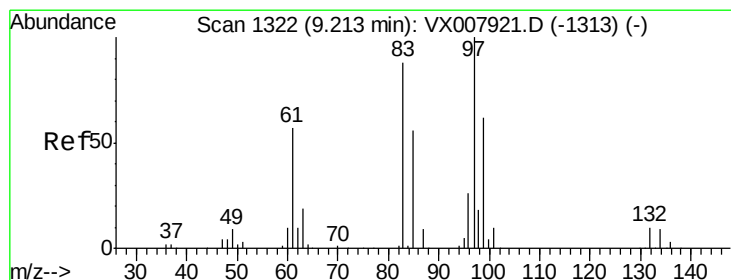
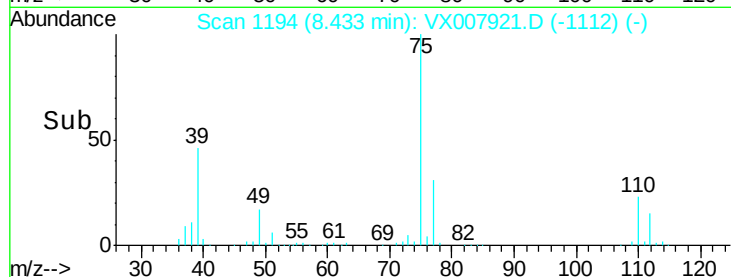
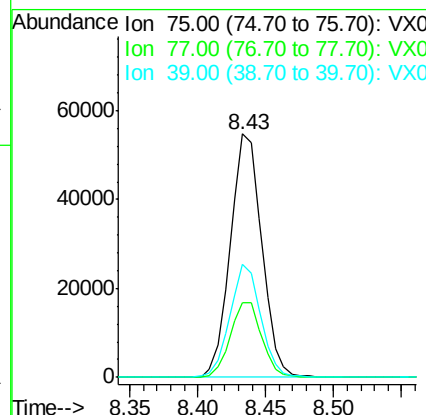
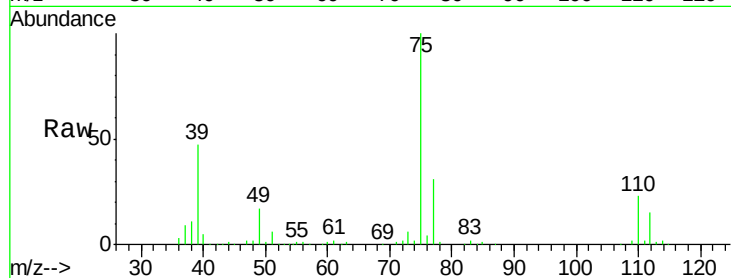


#49

cis-1,3-Dichloropropene
 Concen: 19.635 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

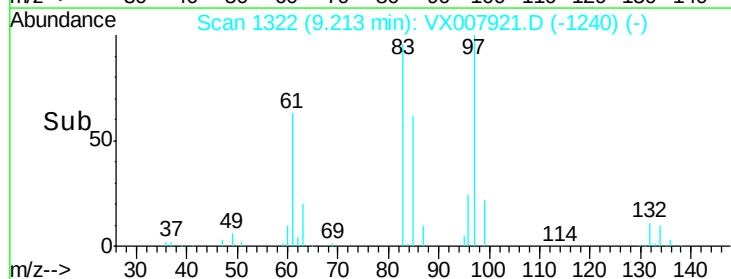
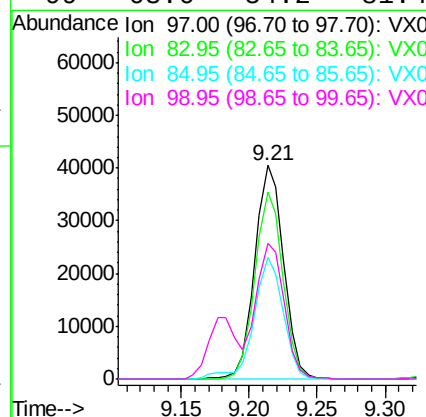
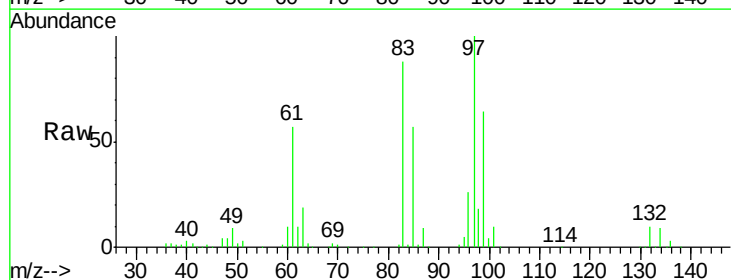
Tot Ion: 75 Resp: 88342
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4
 39 46.4 38.5 57.7

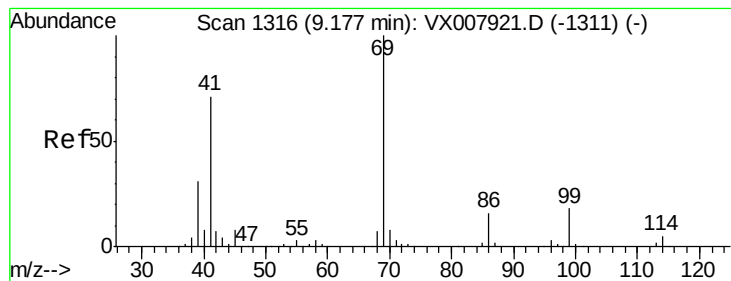


#50

1,1,2-Trichloroethane
 Concen: 20.466 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

Tgt Ion: 97 Resp: 60550
 Ion Ratio Lower Upper
 97 100
 83 87.8 72.0 108.0
 85 56.6 45.0 67.6
 99 63.6 54.2 81.4





#51

Ethyl methacrylate

Concen: 20.316 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

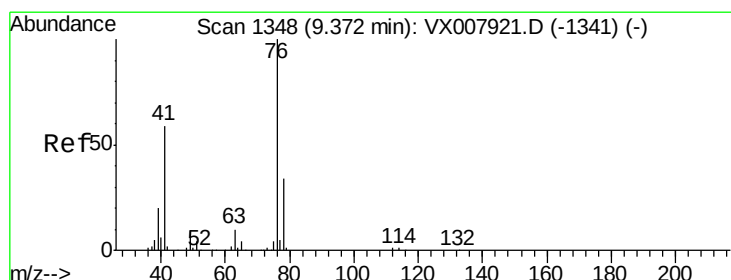
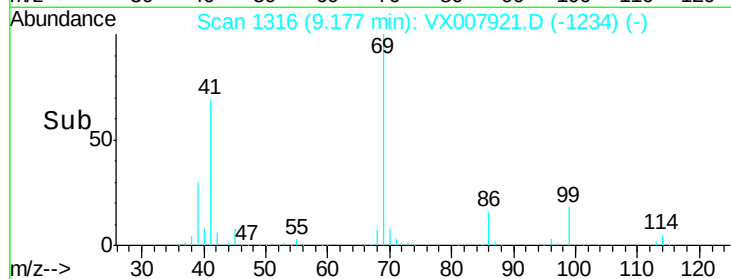
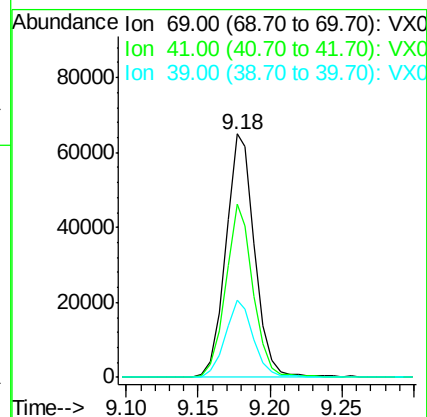
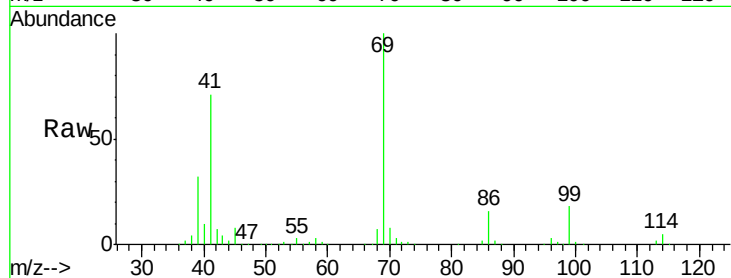
Tot Ion: 69 Resp: 91153

Ion Ratio Lower Upper

69 100

41 70.7 32.1 96.5

39 31.4 18.8 56.3



#52

1,3-Dichloropropane

Concen: 20.570 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007921.D

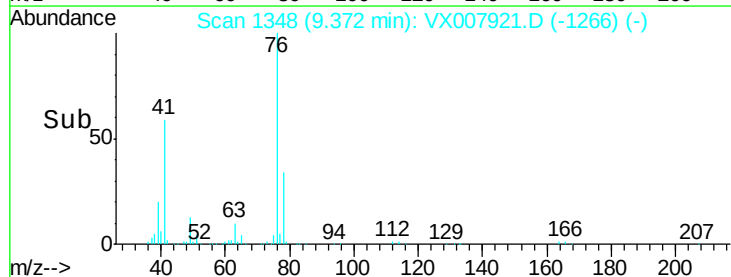
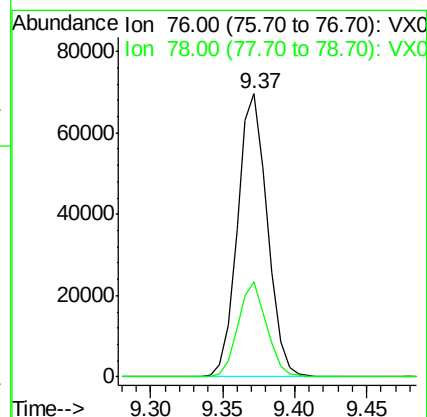
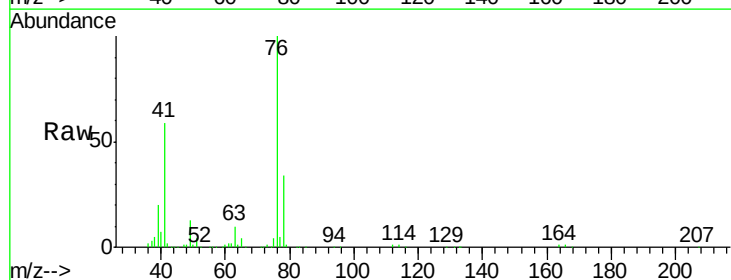
Acq: 08 Mar 2019 10:20

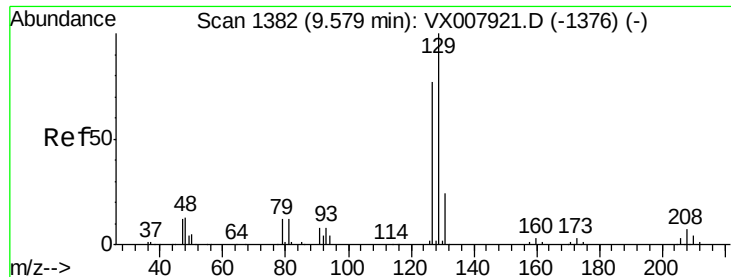
Tgt Ion: 76 Resp: 100556

Ion Ratio Lower Upper

76 100

78 32.2 0.0 65.2





#53

Dibromochloromethane

Concen: 19.939 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

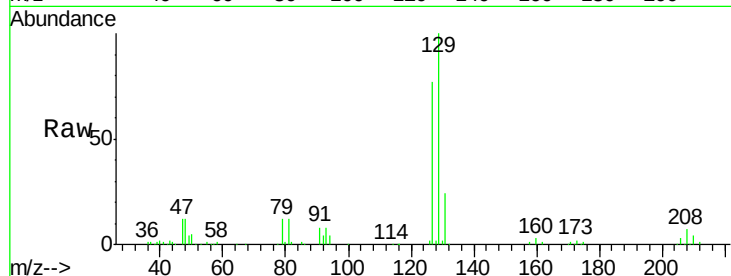
VSTDICCC020

Tot Ion:129 Resp: 60679

Ion Ratio Lower Upper

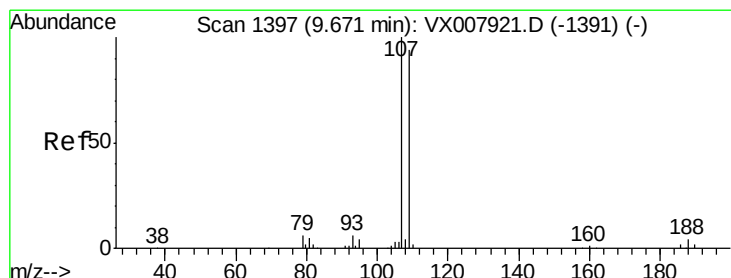
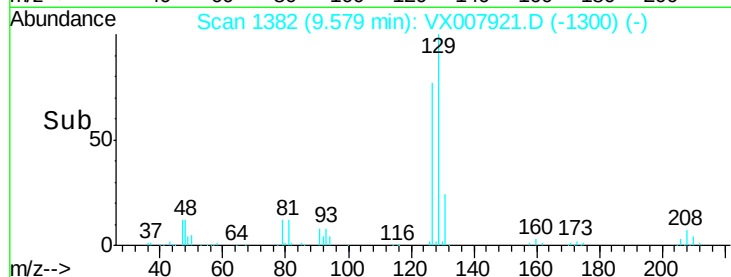
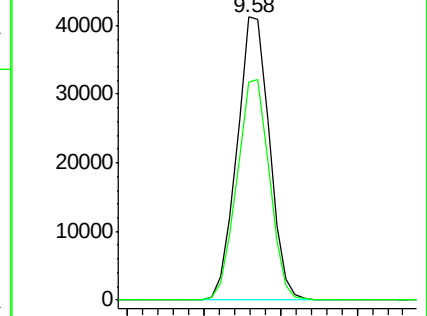
129 100

127 77.9 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.684 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007921.D

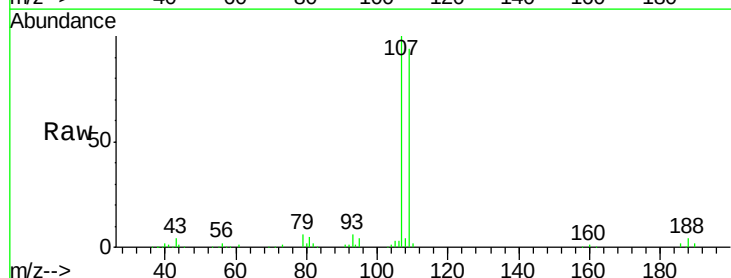
Acq: 08 Mar 2019 10:20

Tgt Ion:107 Resp: 63978

Ion Ratio Lower Upper

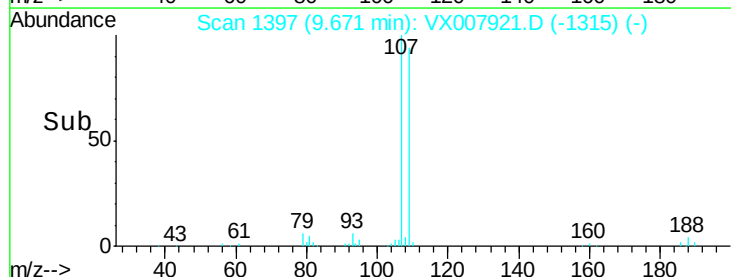
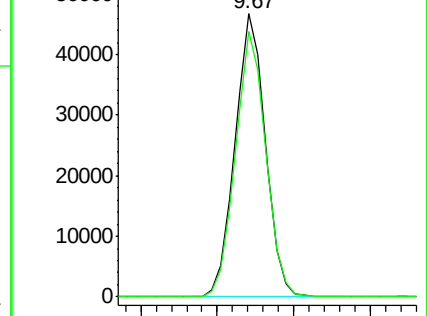
107 100

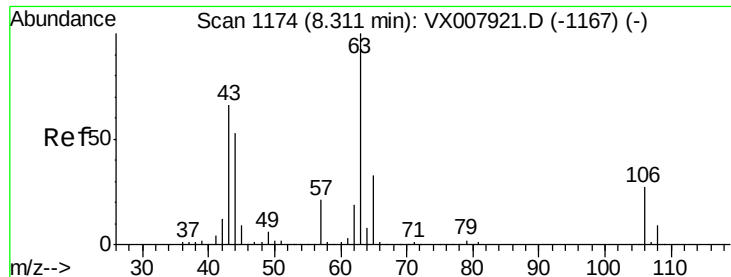
109 93.9 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

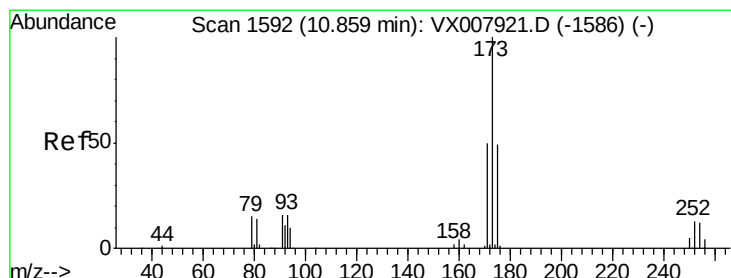
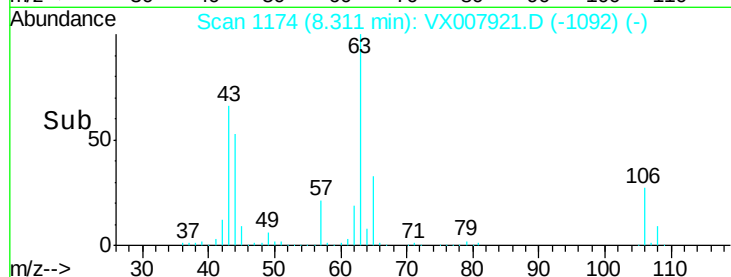
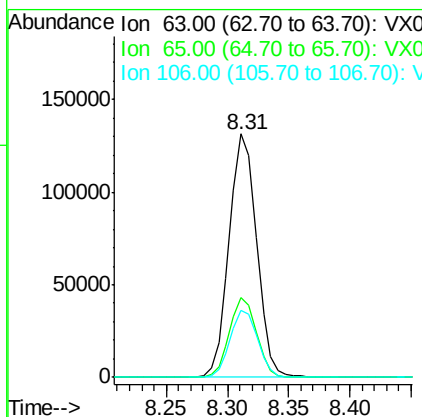
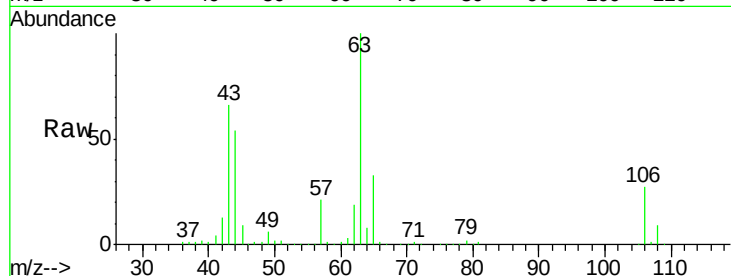




#55
2-Chloroethyl vinyl ether
Concen: 97.935 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

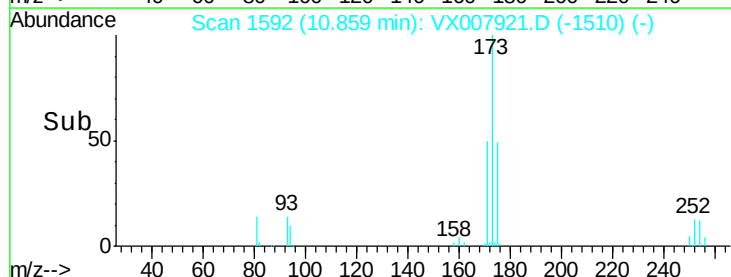
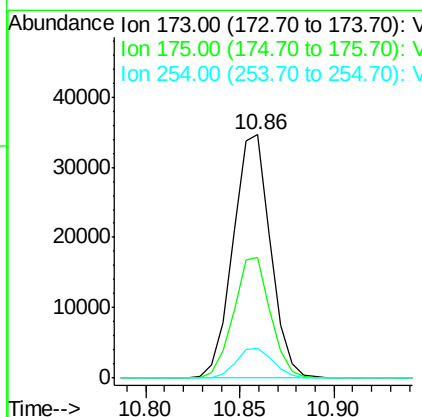
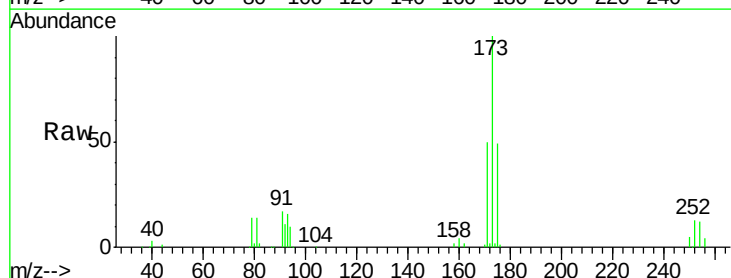
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

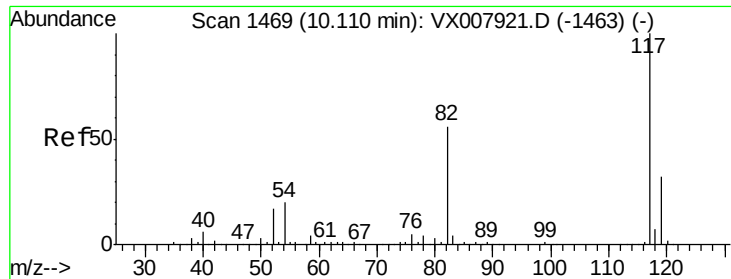
Tot Ion: 63 Resp: 204375
Ion Ratio Lower Upper
63 100
65 32.3 25.7 38.5
106 27.8 23.7 35.5



#56
Bromoform
Concen: 19.628 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Tgt Ion: 173 Resp: 47646
Ion Ratio Lower Upper
173 100
175 48.7 38.5 57.7
254 12.2 7.4 11.2#

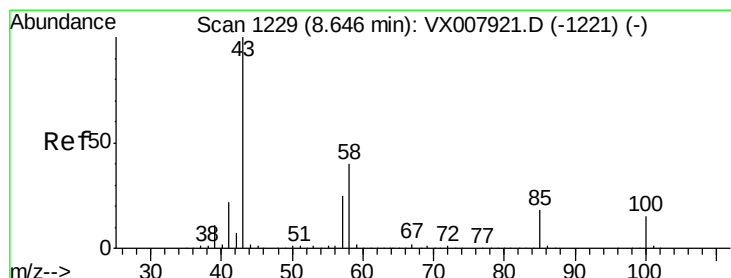
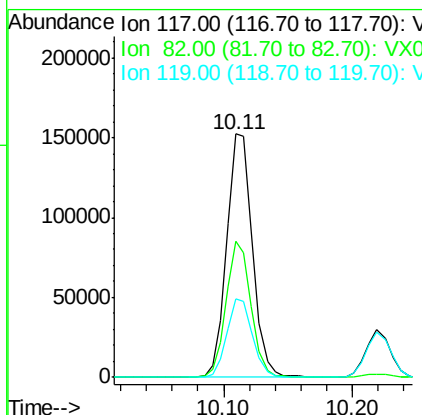
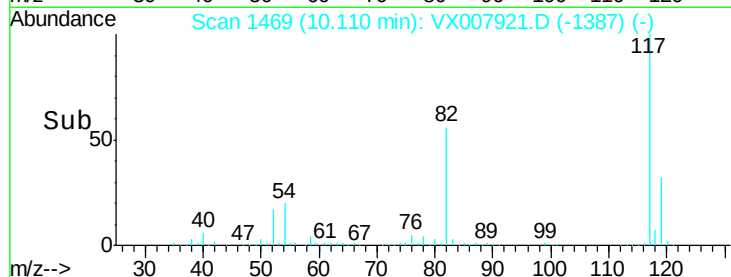
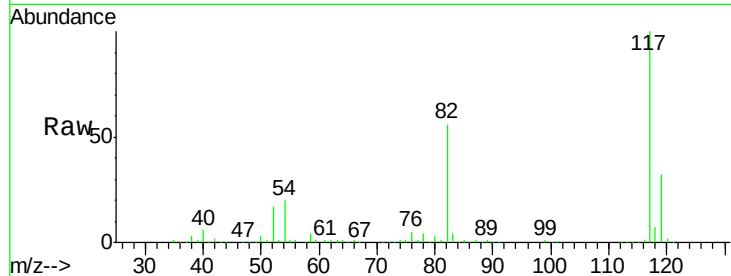




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

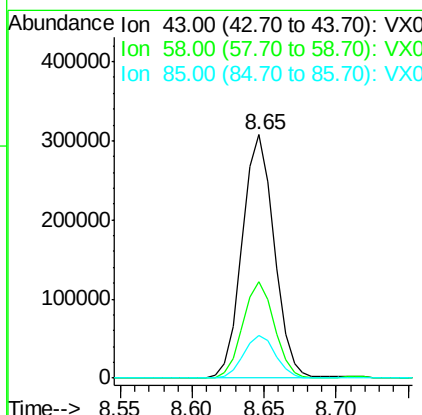
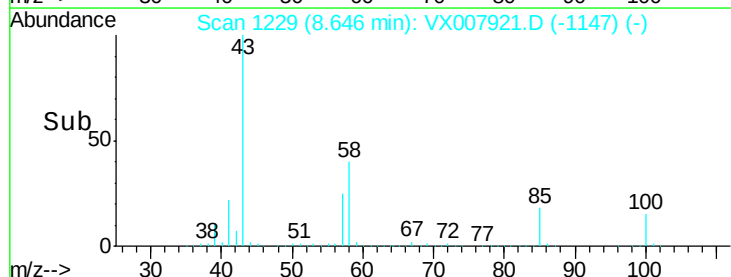
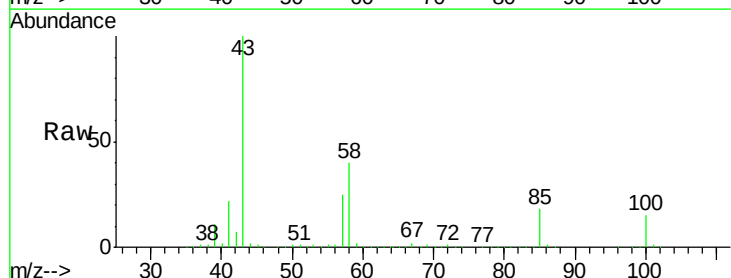
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

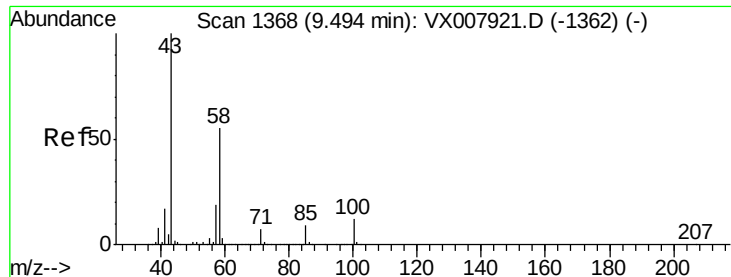
Tot Ion:117 Resp: 215289
Ion Ratio Lower Upper
117 100
82 54.0 40.4 60.6
119 32.1 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 106.954 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Tgt Ion: 43 Resp: 474070
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.0
85 17.6 15.0 22.6

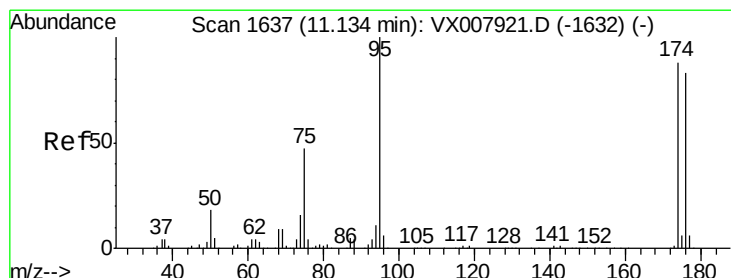
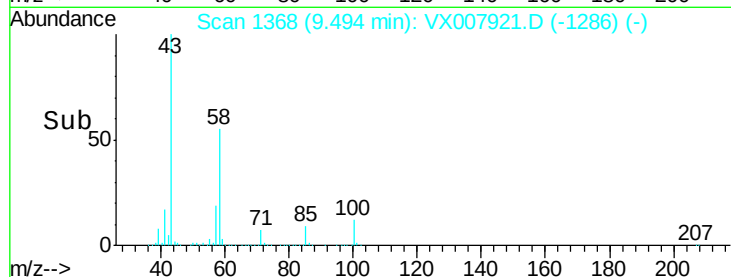
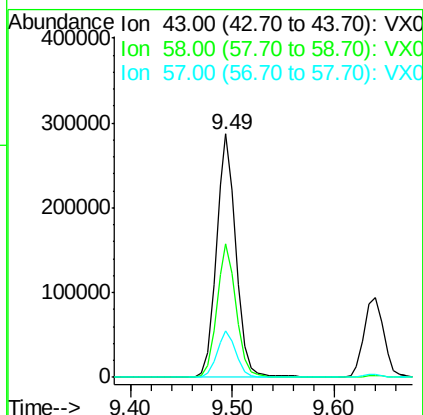
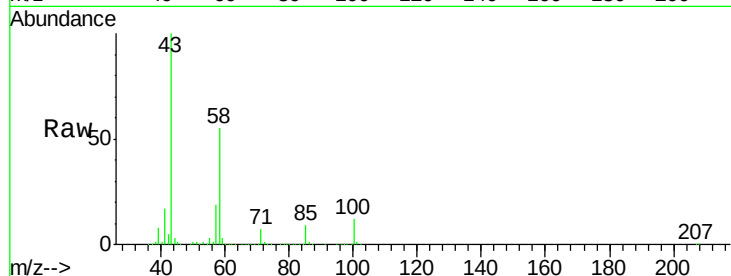




#59
2-Hexanone
Concen: 110.582 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

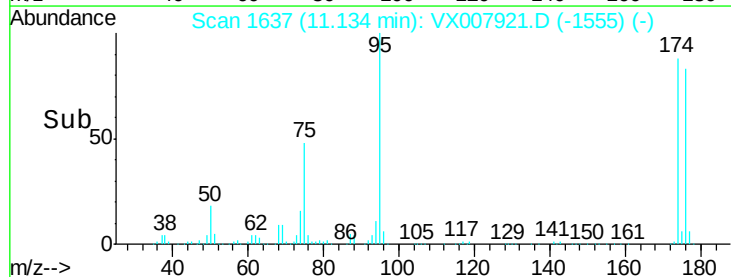
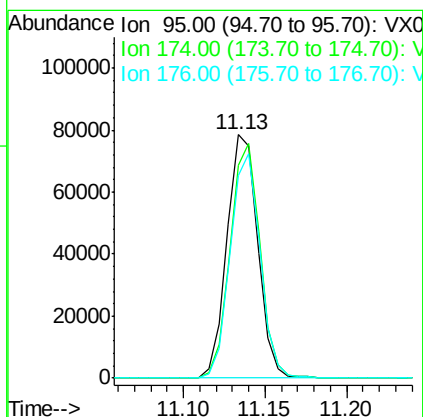
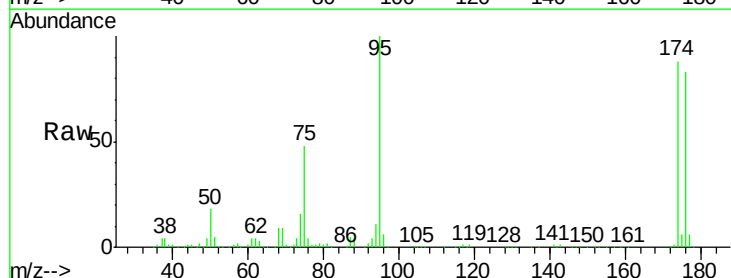
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

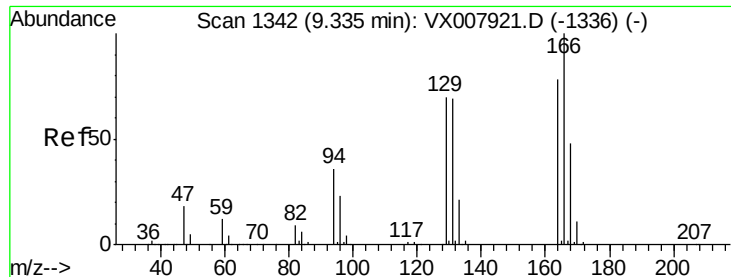
Tot Ion: 43 Resp: 386913
Ion Ratio Lower Upper
43 100
58 54.2 43.9 65.9
57 18.8 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 30.017 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Tgt Ion: 95 Resp: 103147
Ion Ratio Lower Upper
95 100
174 93.4 74.9 112.3
176 89.1 70.7 106.1





#61

Tetrachloroethene

Concen: 20.445 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:164 Resp: 64207

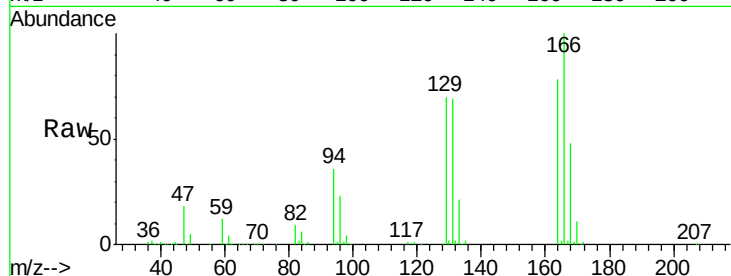
Ion Ratio Lower Upper

164 100

166 129.0 103.9 155.9

129 89.7 74.7 112.1

131 88.6 71.7 107.5

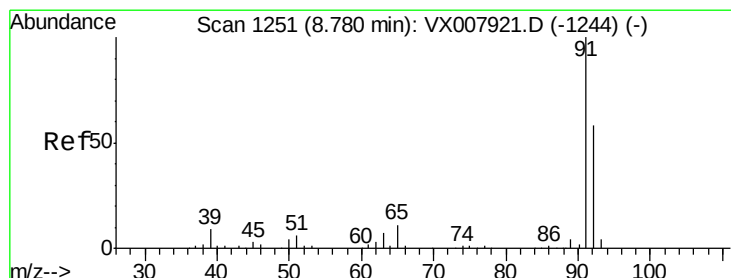
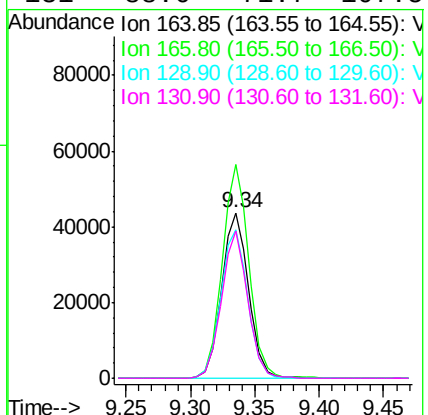
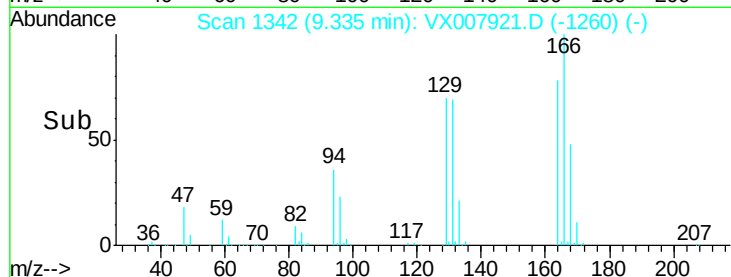


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.260 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007921.D

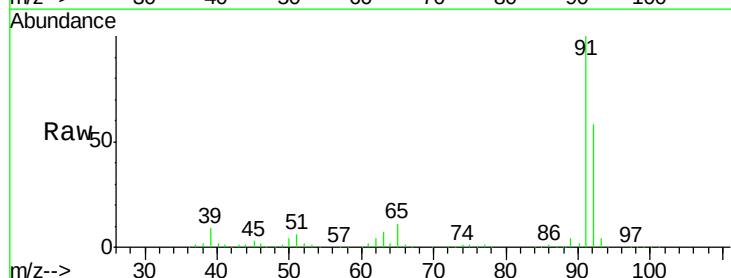
Acq: 08 Mar 2019 10:20

Tgt Ion: 91 Resp: 254688

Ion Ratio Lower Upper

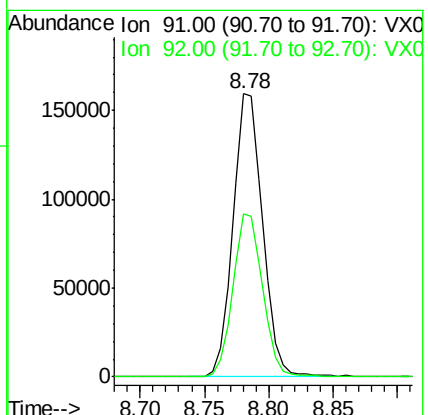
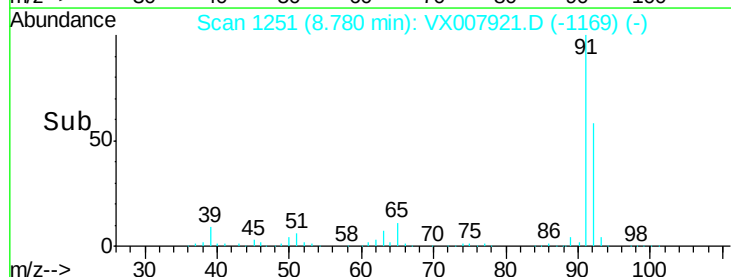
91 100

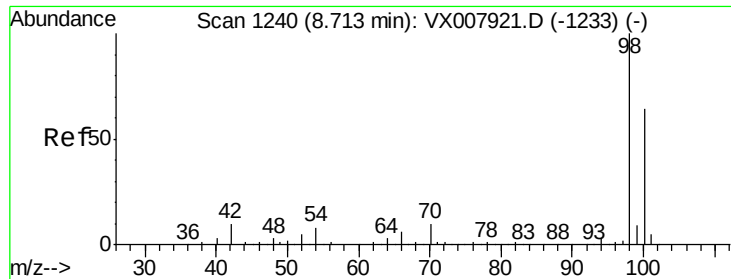
92 57.4 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

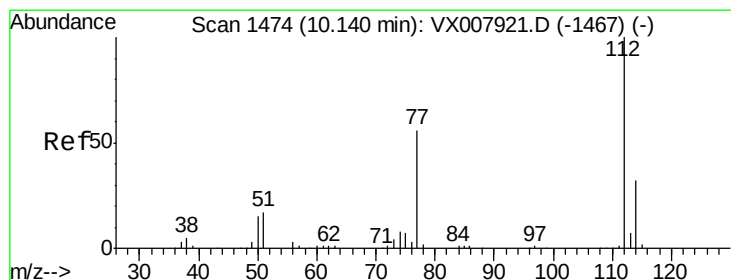
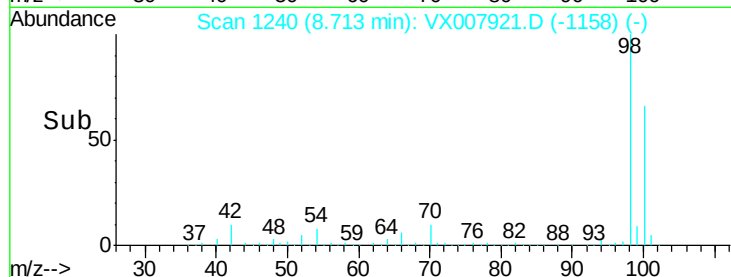
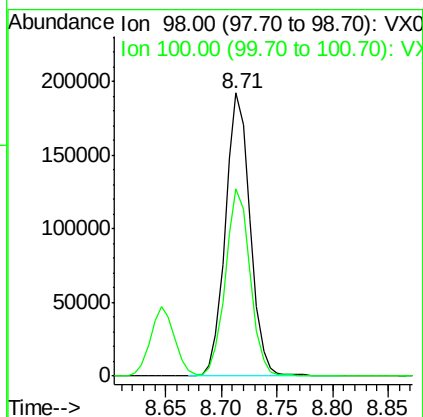
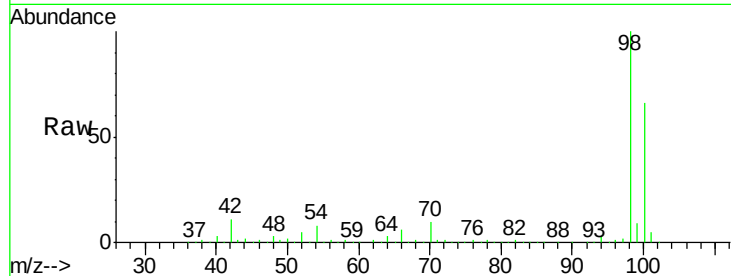




#63
Toluene-d8
Concen: 30.006 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

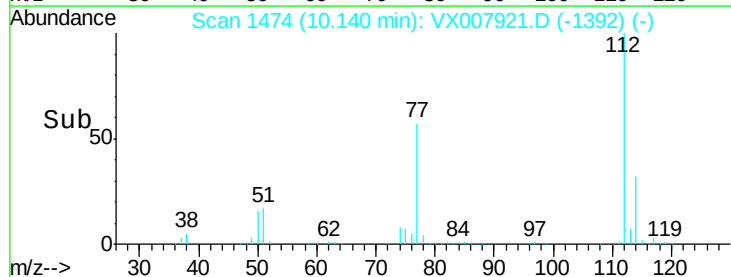
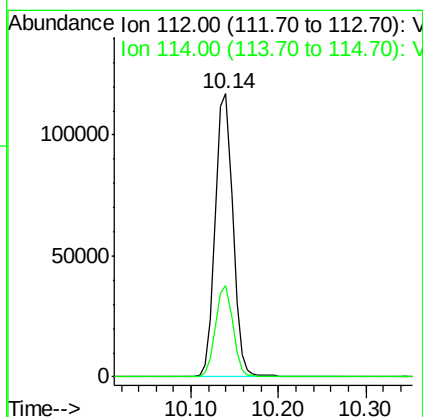
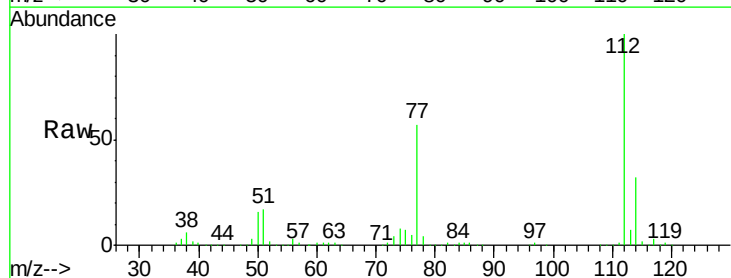
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

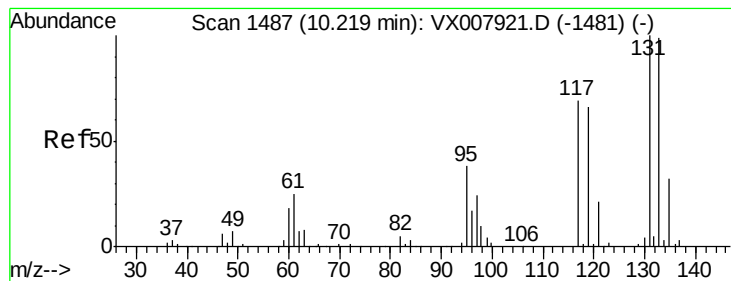
Tot Ion: 98 Resp: 295632
Ion Ratio Lower Upper
98 100
100 66.4 50.9 76.3



#64
Chlorobenzene
Concen: 20.496 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Tgt Ion: 112 Resp: 164215
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.957 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

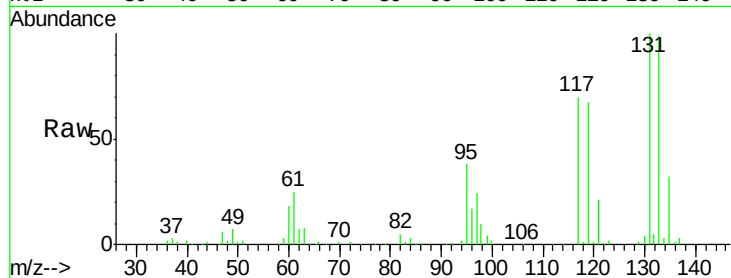
Tot Ion:131 Resp: 57251

Ion Ratio Lower Upper

131 100

133 96.6 0.0 191.6

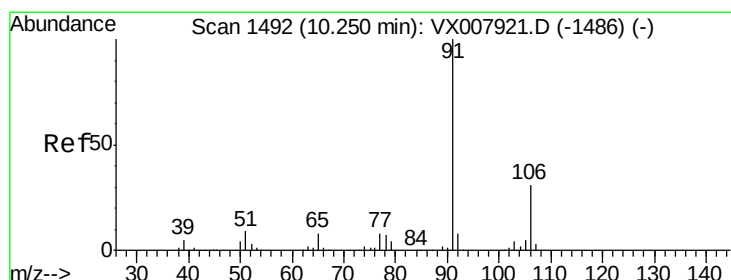
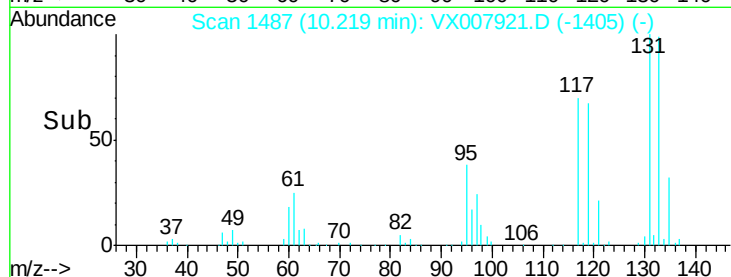
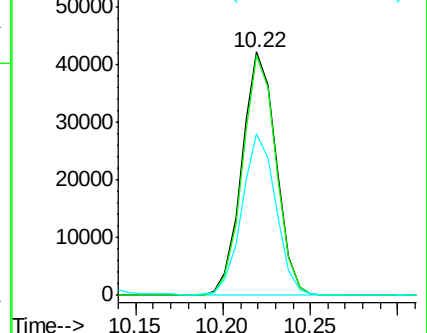
119 65.8 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.092 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007921.D

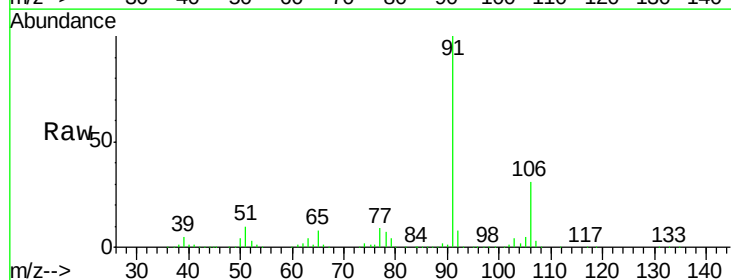
Acq: 08 Mar 2019 10:20

Tgt Ion: 91 Resp: 271302

Ion Ratio Lower Upper

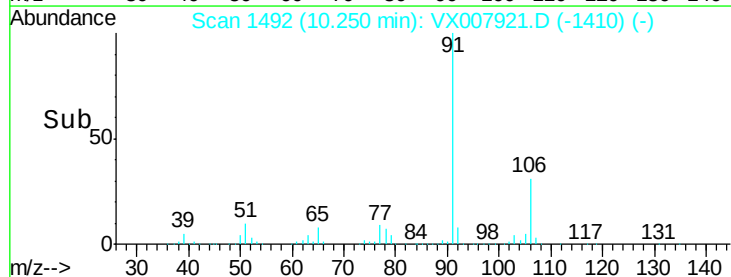
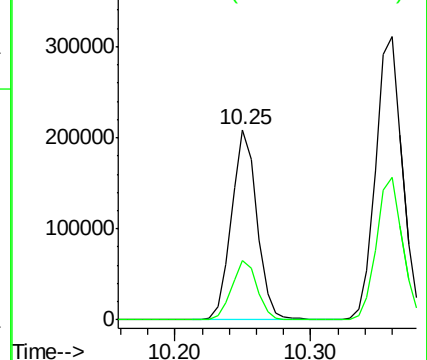
91 100

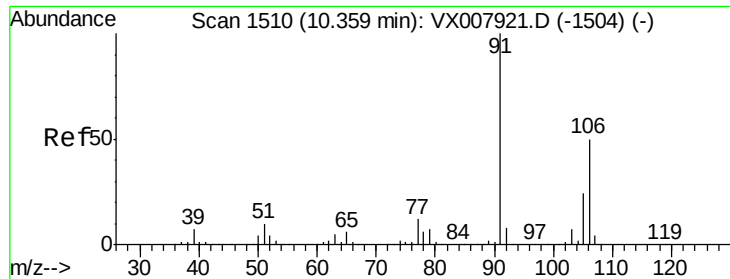
106 31.1 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 40.391 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

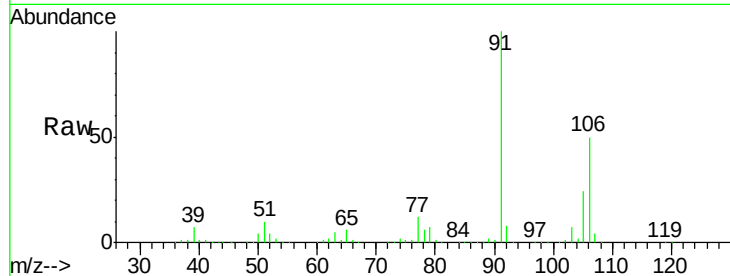
VSTDICCC020

Tot Ion:106 Resp: 209128

Ion Ratio Lower Upper

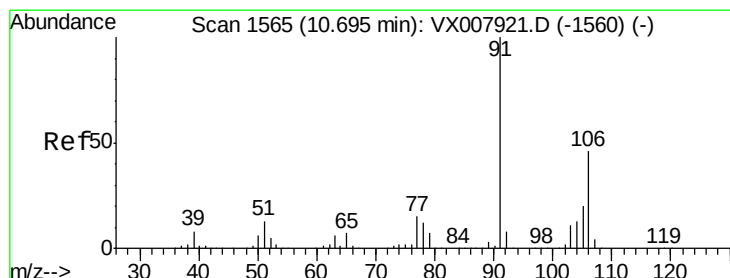
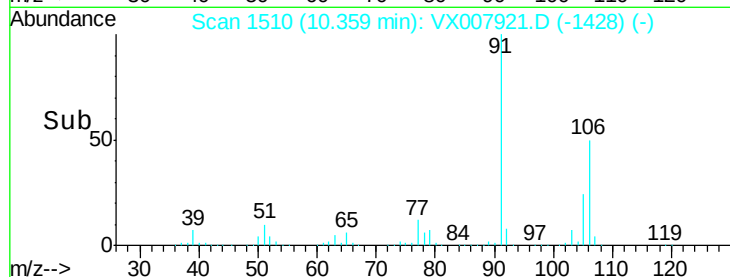
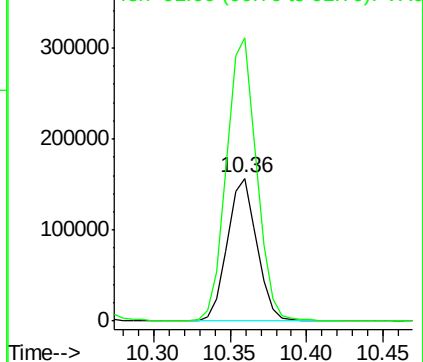
106 100

91 203.4 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.213 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX007921.D

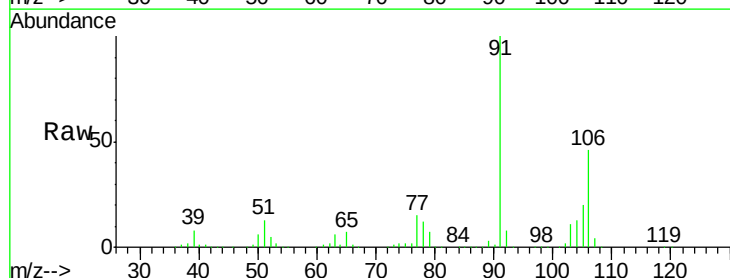
Acq: 08 Mar 2019 10:20

Tgt Ion:106 Resp: 101626

Ion Ratio Lower Upper

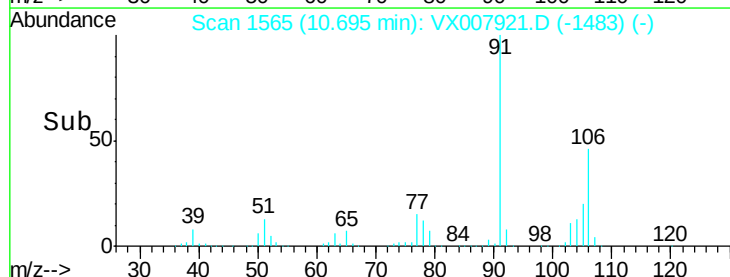
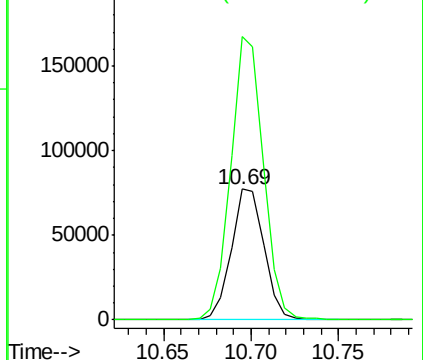
106 100

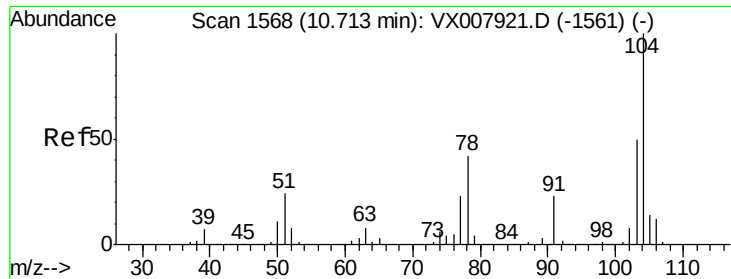
91 213.1 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

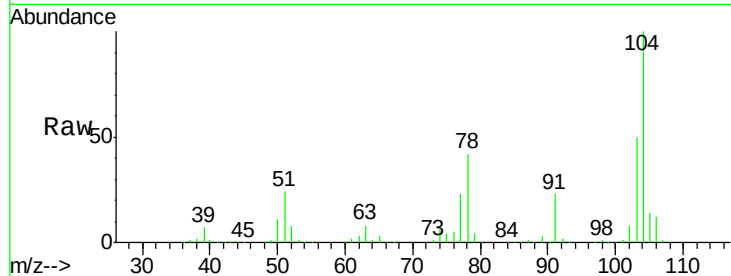




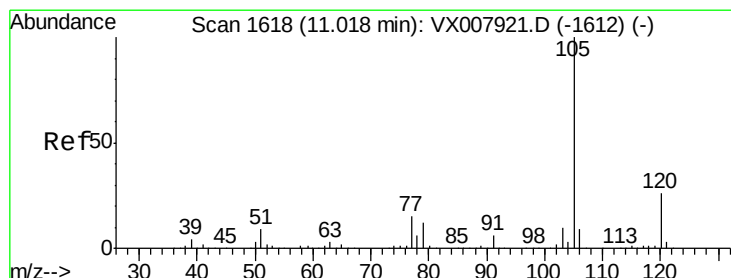
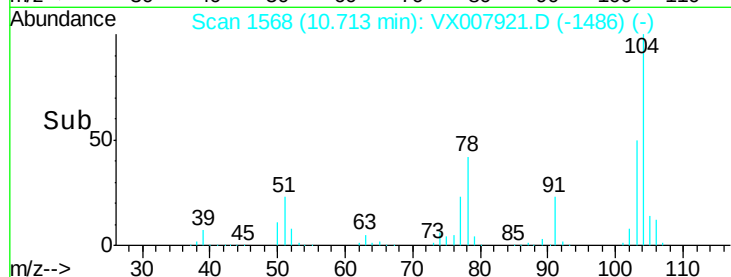
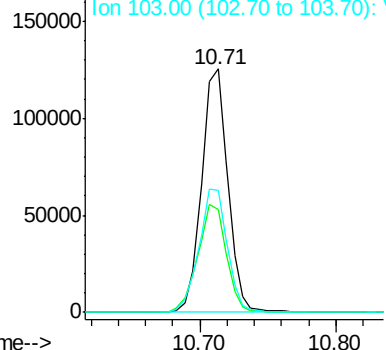
#69
Stvrene
Concen: 20.350 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:104 Resp: 168582
Ion Ratio Lower Upper
104 100
78 48.2 38.2 57.2
103 55.0 45.0 67.4

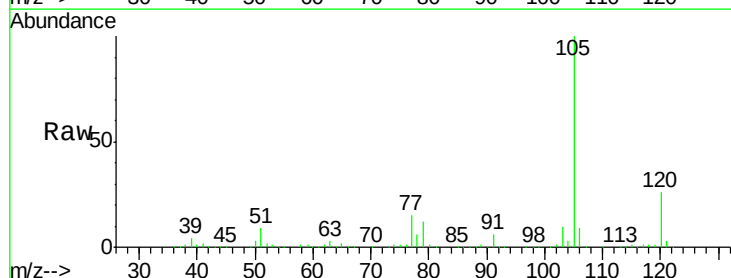


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

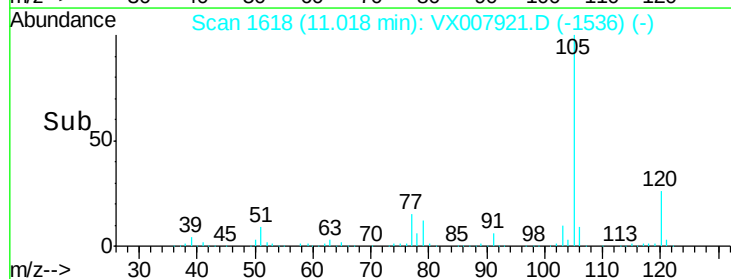
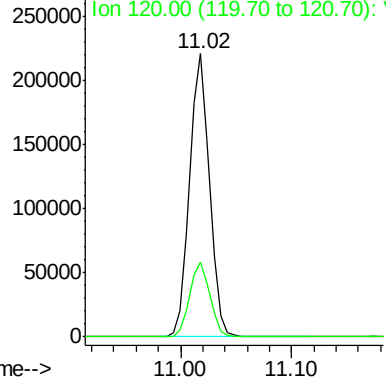


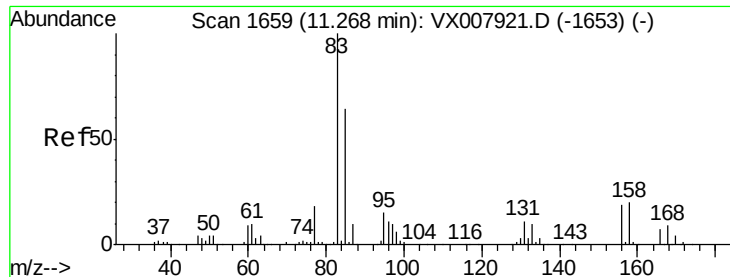
#70
Isopropylbenzene
Concen: 20.345 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Tgt Ion:105 Resp: 273319
Ion Ratio Lower Upper
105 100
120 26.8 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

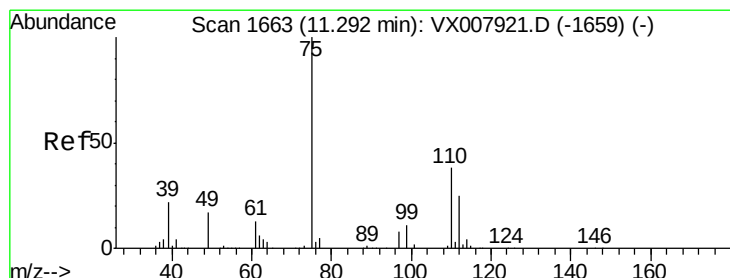
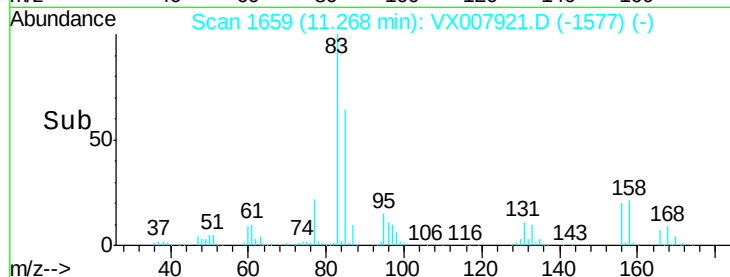
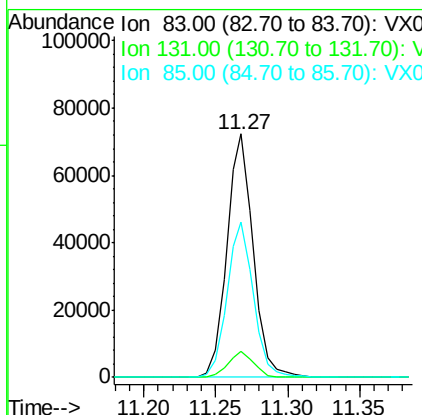
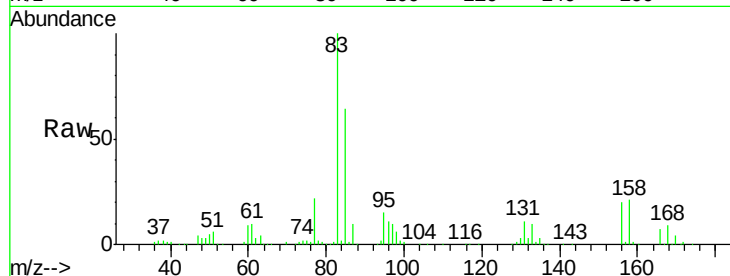




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.953 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

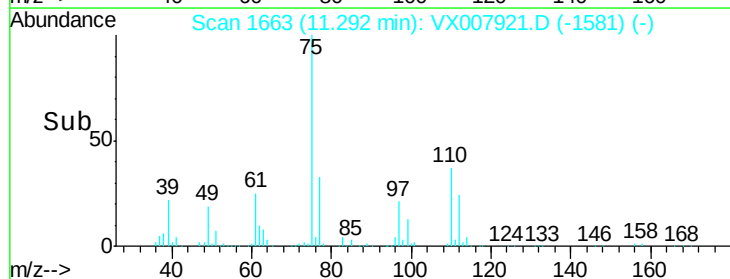
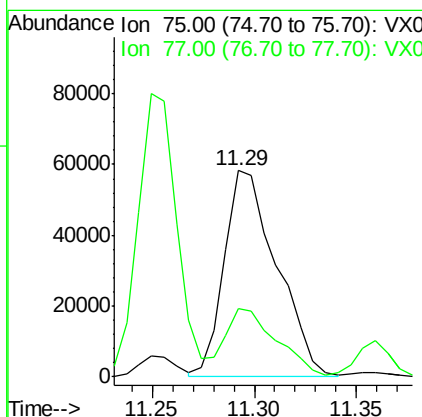
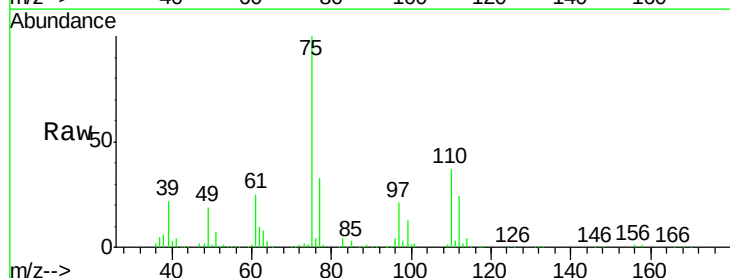
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

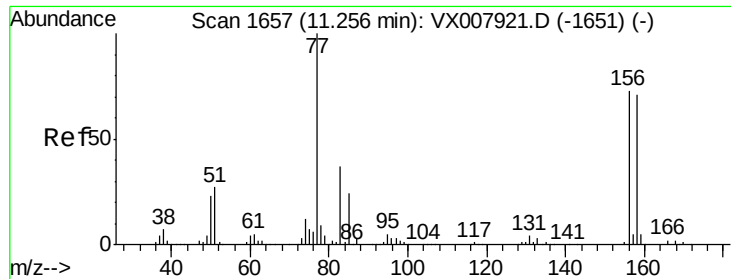
Tot Ion: 83 Resp: 92969
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.4 16.2
 85 64.2 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 24.900 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

Tgt Ion: 75 Resp: 104138
 Ion Ratio Lower Upper
 75 100
 77 32.8 0.0 76.4





#73

Bromobenzene

Concen: 20.405 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

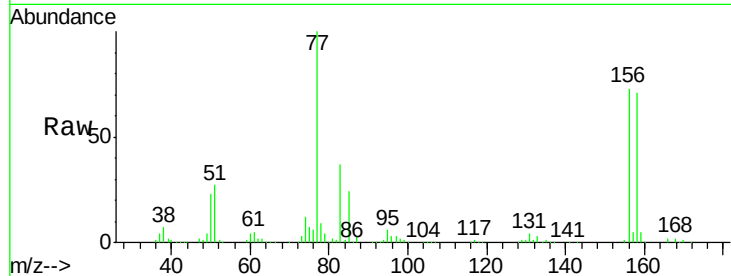
Tot Ion:156 Resp: 72878

Ion Ratio Lower Upper

156 100

77 144.2 0.0 271.4

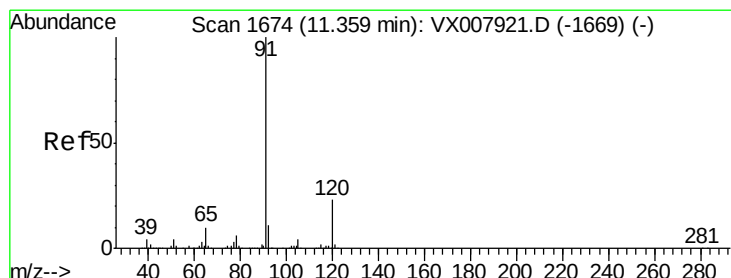
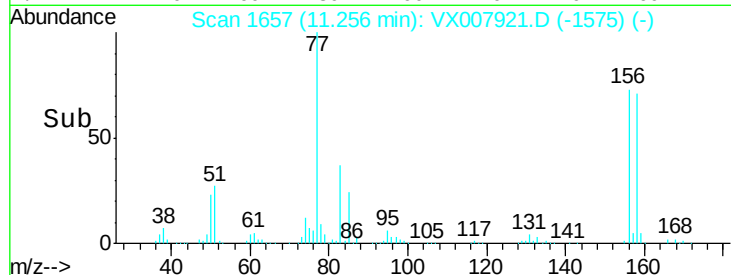
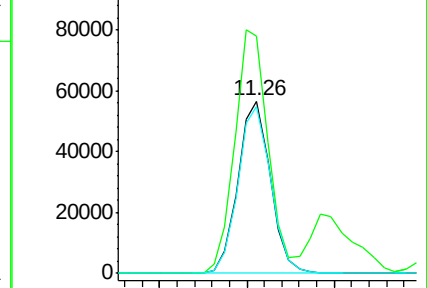
158 98.6 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.264 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007921.D

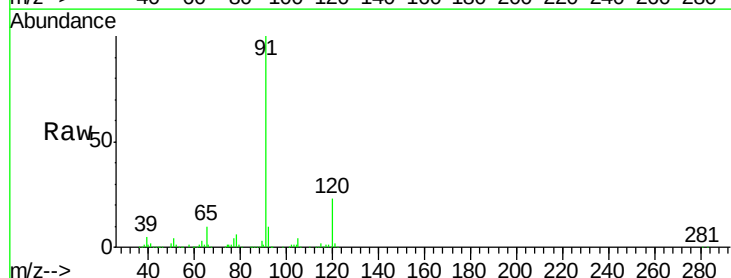
Acq: 08 Mar 2019 10:20

Tgt Ion: 91 Resp: 307085

Ion Ratio Lower Upper

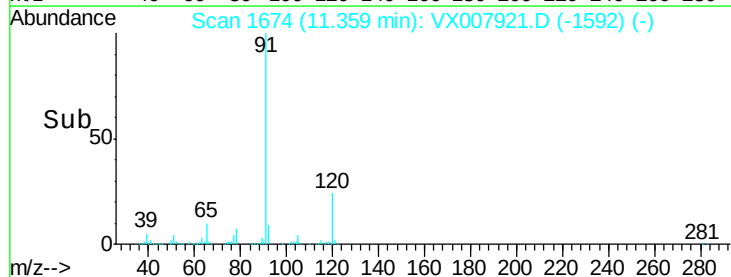
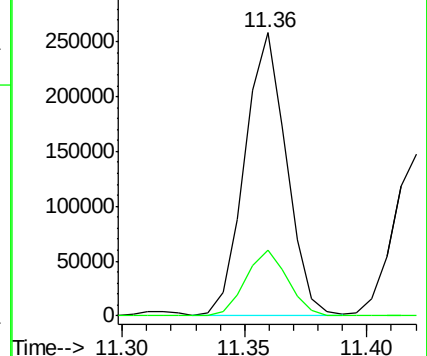
91 100

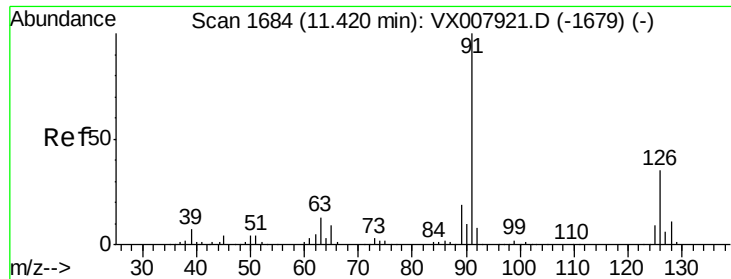
120 23.4 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.456 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

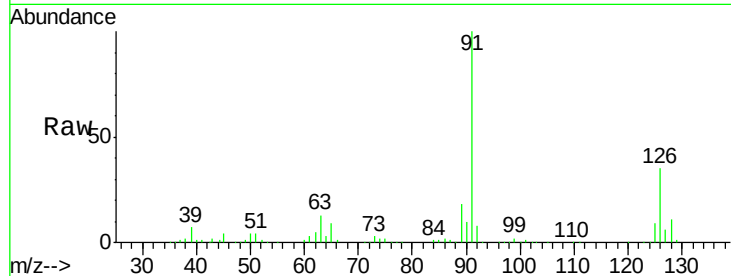
VSTDICCC020

Tot Ion: 91 Resp: 185807

Ion Ratio Lower Upper

91 100

126 34.4 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX007921.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX007921.D (-1679) (-)

300000

250000

200000

150000

100000

50000

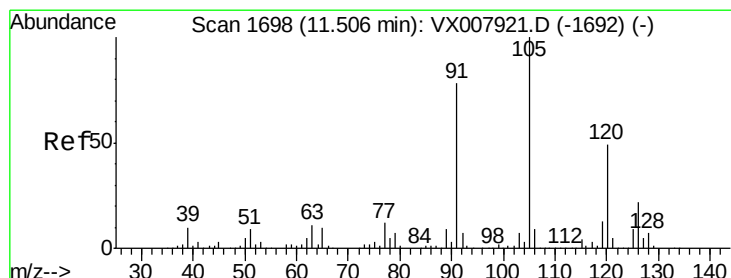
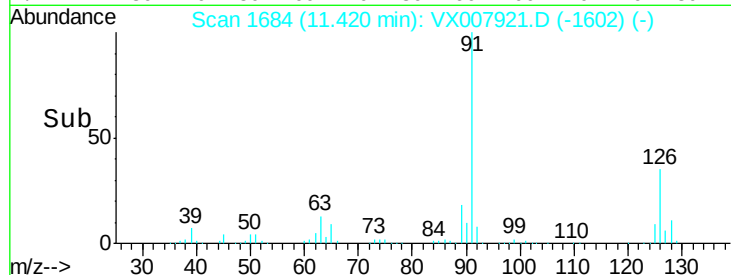
0

11.40

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.371 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007921.D

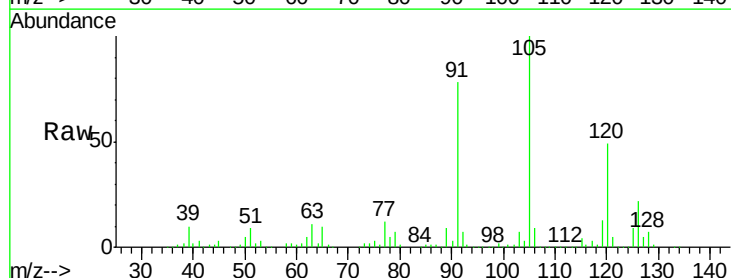
Acq: 08 Mar 2019 10:20

Tgt Ion: 105 Resp: 226814

Ion Ratio Lower Upper

105 100

120 49.2 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX007921.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007921.D (-1692) (-)

200000

150000

100000

50000

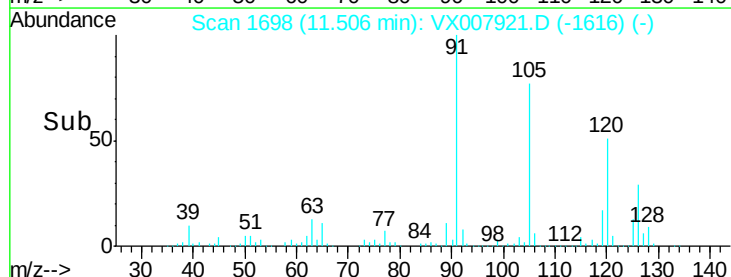
0

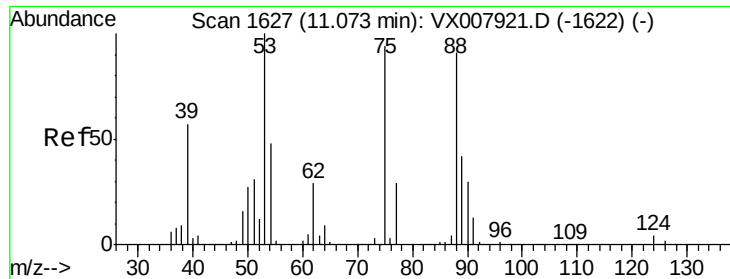
11.45

11.50

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 19.058 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

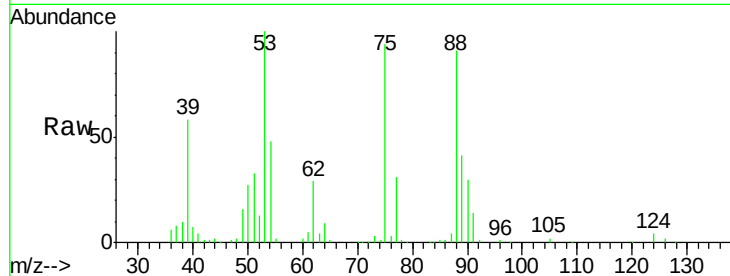
Tot Ion: 75 Resp: 24627

Ion Ratio Lower Upper

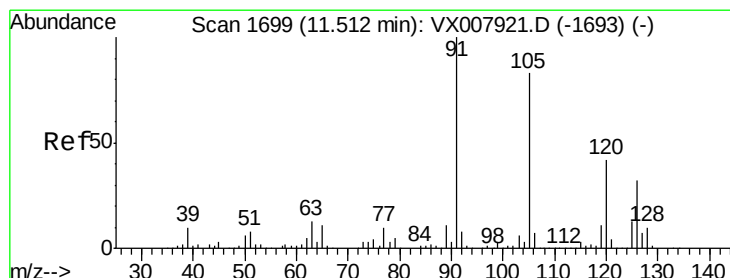
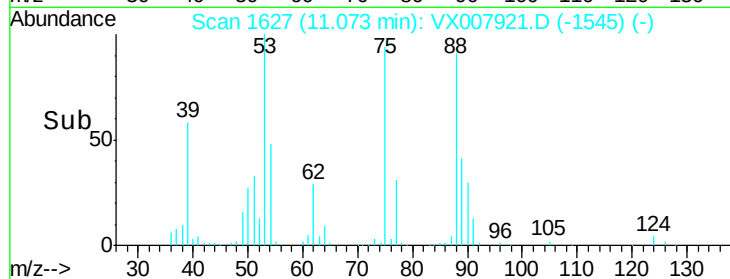
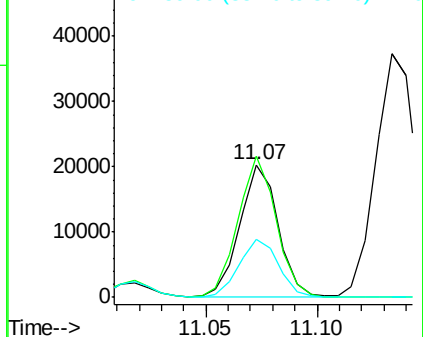
75 100

53 106.0 55.5 166.7

89 44.0 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 20.408 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007921.D

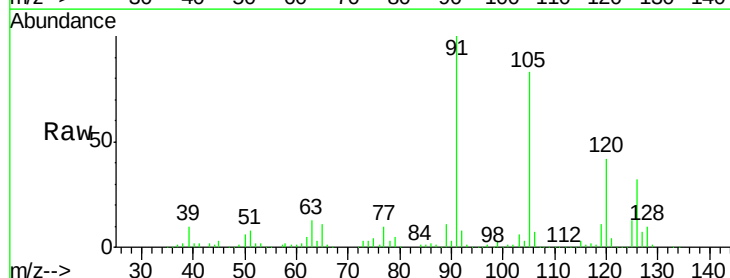
Acq: 08 Mar 2019 10:20

Tgt Ion: 91 Resp: 209580

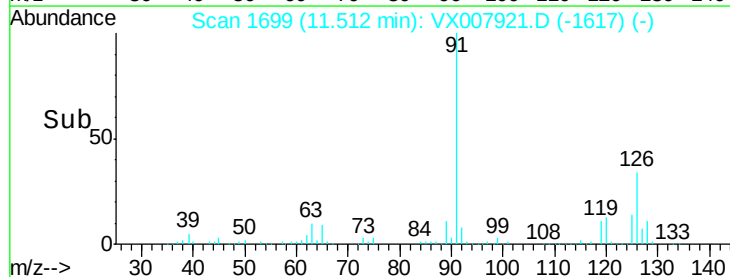
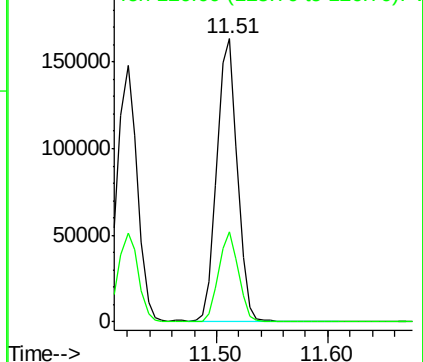
Ion Ratio Lower Upper

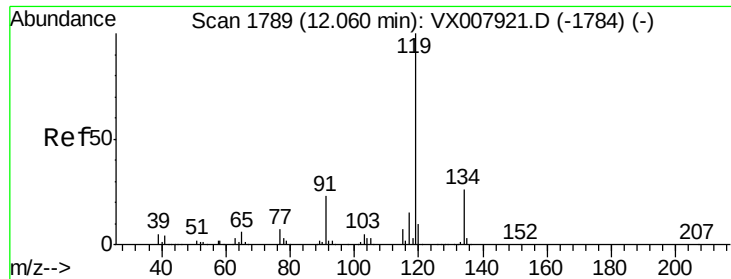
91 100

126 30.7 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V

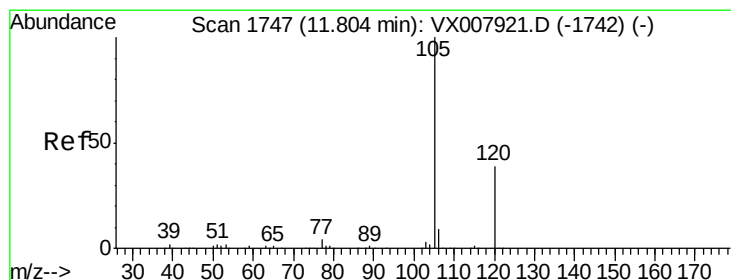
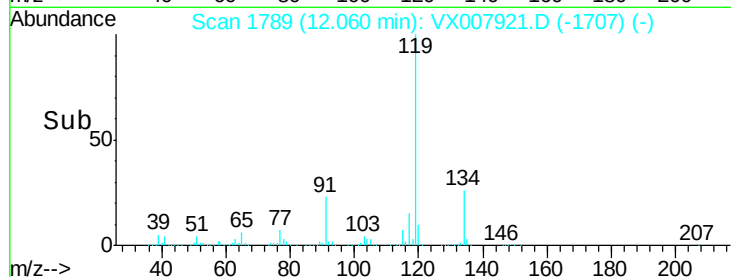
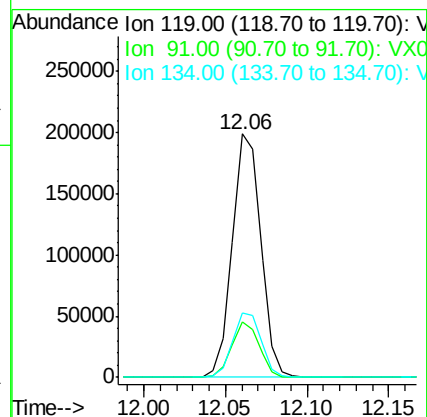
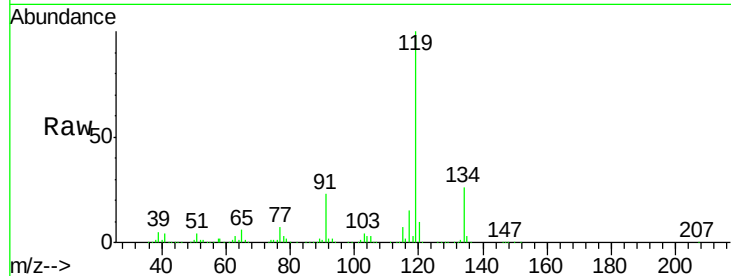




#79
tert-butylbenzene
Concen: 20.227 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

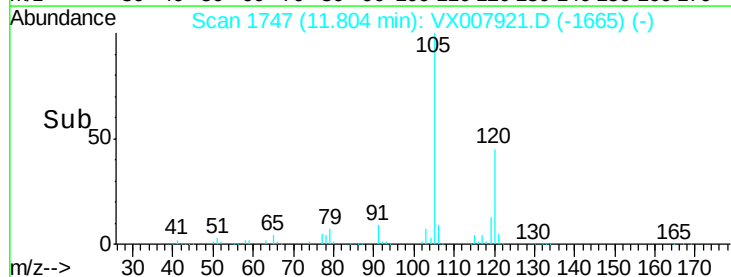
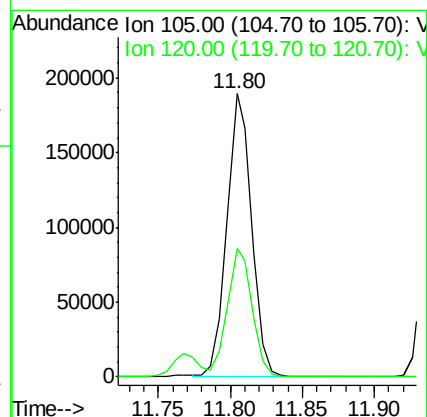
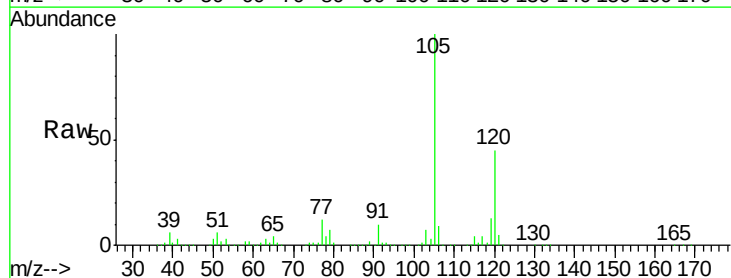
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

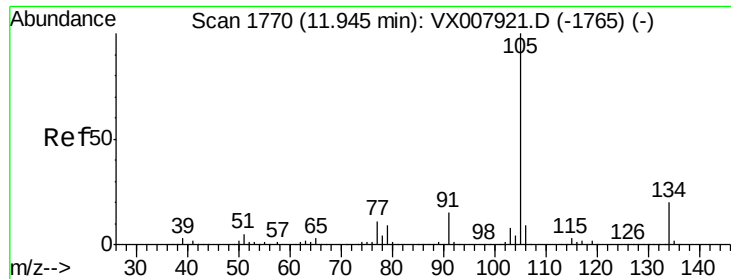
Tot Ion	Ratio	Lower	Upper
119	100		
91	22.0	0.0	45.0
134	26.6	0.0	55.4



#80
1,2,4-Trimethylbenzene
Concen: 20.305 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	0.0	94.0





#81

sec-Butylbenzene

Concen: 20.022 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

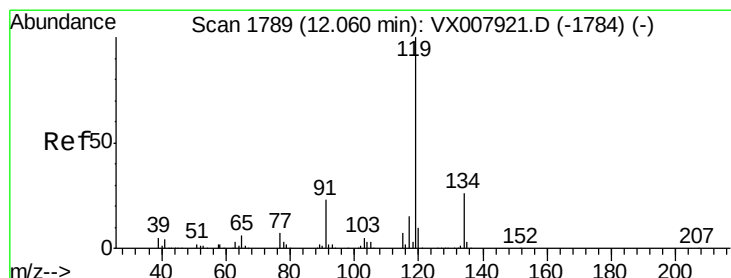
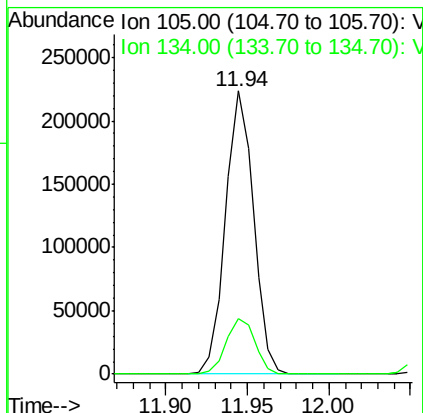
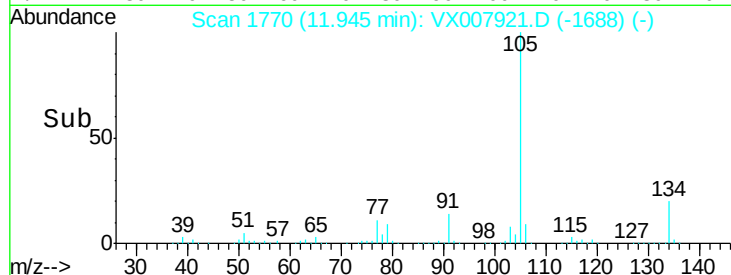
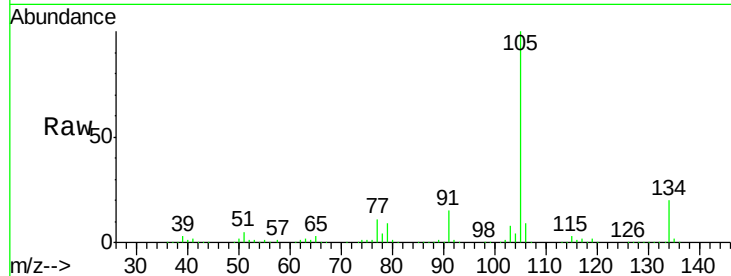
VSTDICCC020

Tot Ion:105 Resp: 267957

Ion Ratio Lower Upper

105 100

134 20.3 0.0 41.8



#82

p-Isopropyltoluene

Concen: 20.227 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

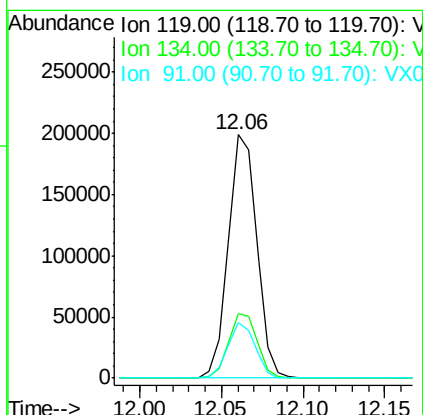
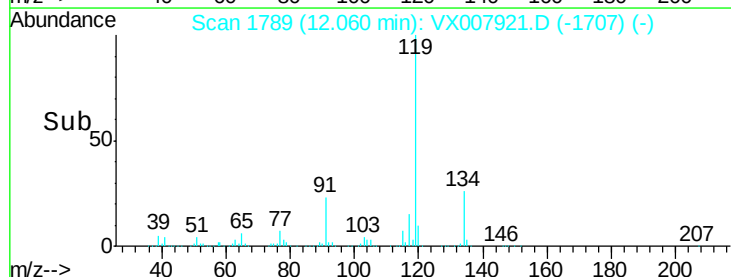
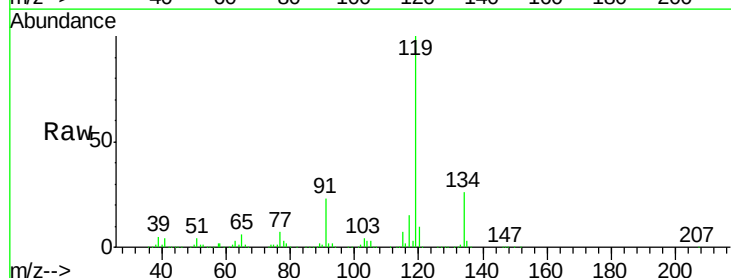
Tgt Ion:119 Resp: 241677

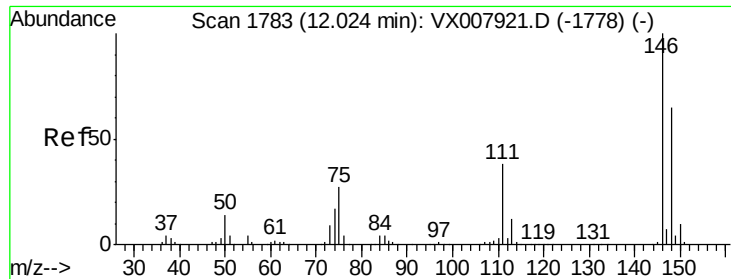
Ion Ratio Lower Upper

119 100

134 26.6 0.0 55.4

91 22.0 0.0 45.0

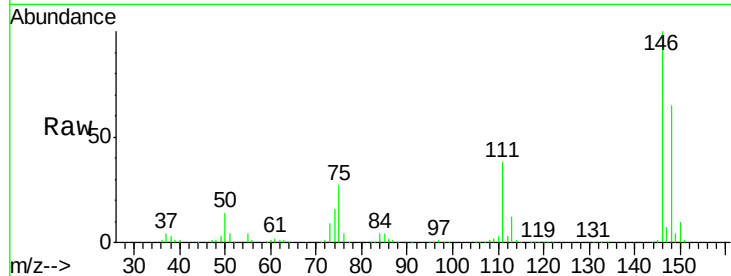




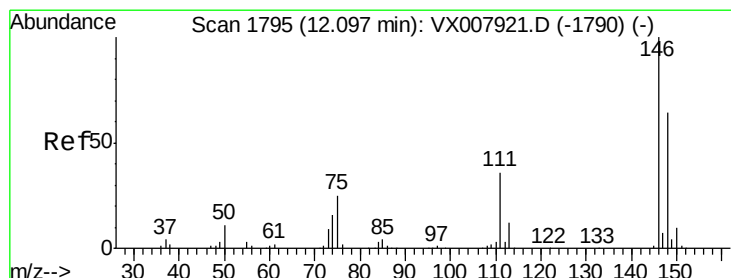
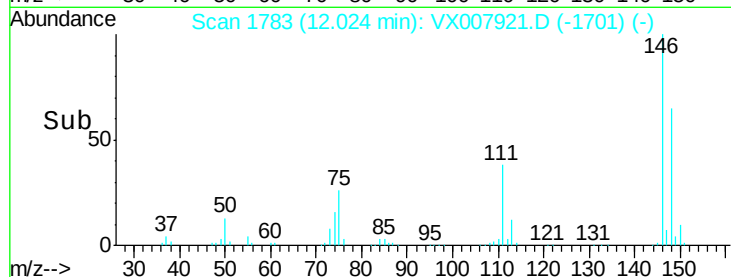
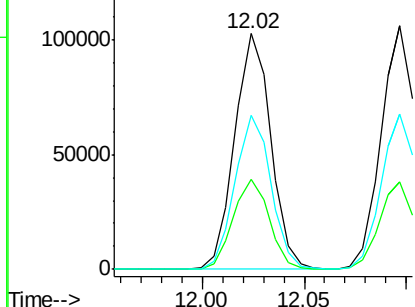
#83
 1,3-Dichlorobenzene
 Concen: 19.889 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC020

Tot Ion:146 Resp: 126472
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.8 56.3
 148 65.2 30.6 91.8

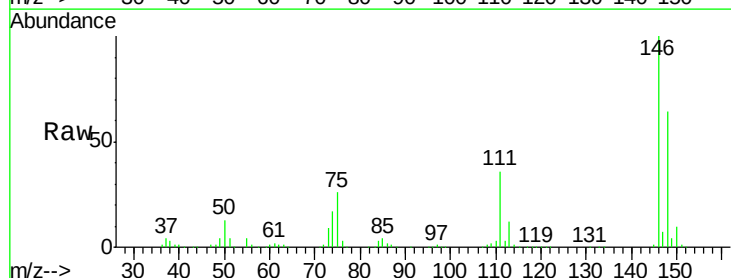


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

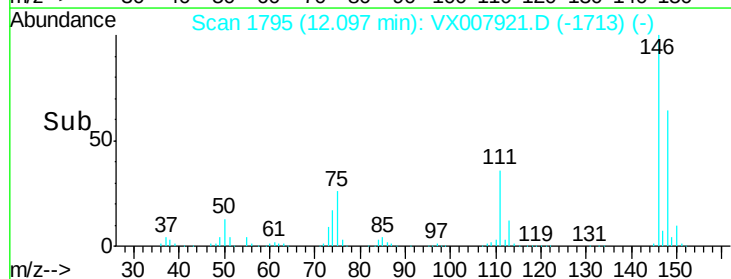
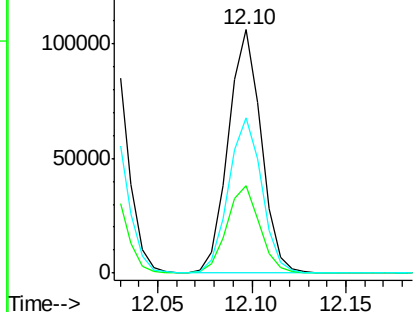


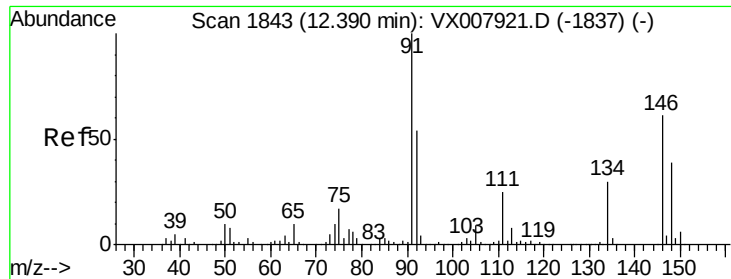
#84
 1,4-Dichlorobenzene
 Concen: 20.170 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

Tgt Ion:146 Resp: 128329
 Ion Ratio Lower Upper
 146 100
 111 35.7 17.6 52.8
 148 64.4 31.4 94.2



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





#85

n-Butylbenzene

Concen: 19.574 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007921.D

Acq: 08 Mar 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

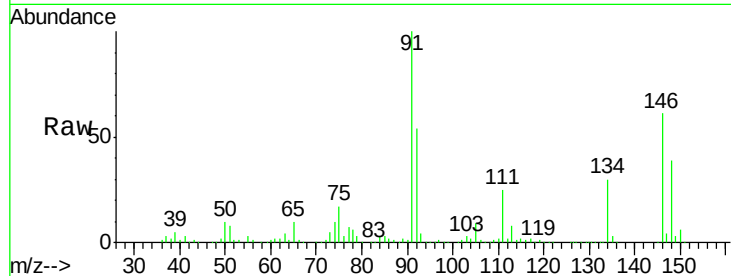
Tot Ion: 91 Resp: 200018

Ion Ratio Lower Upper

91 100

92 53.4 0.0 105.2

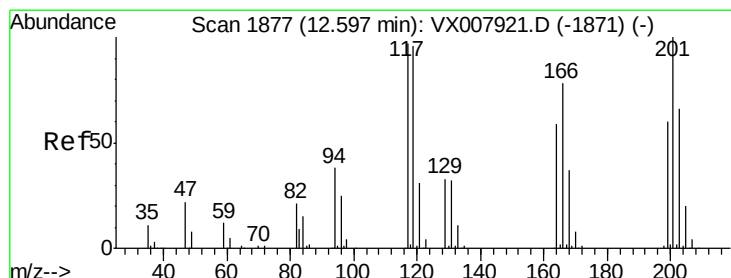
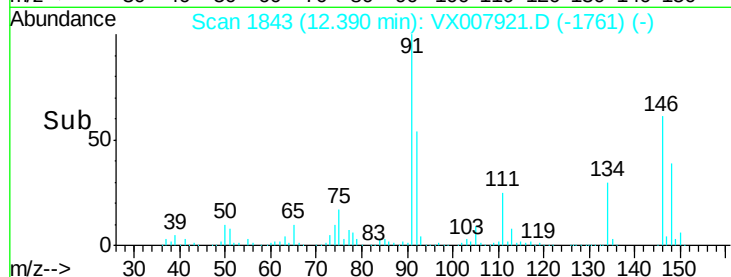
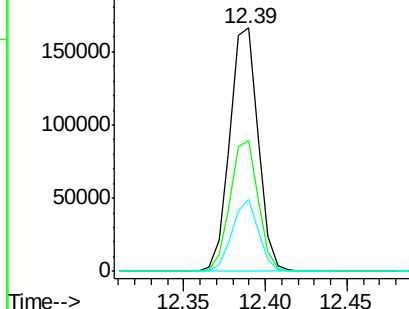
134 27.5 0.0 56.4



Abundance Ion 91.00 (90.70 to 91.70): VX007921.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX007921.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX007921.D (-1837) (-)



#86

Hexachloroethane

Concen: 19.207 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007921.D

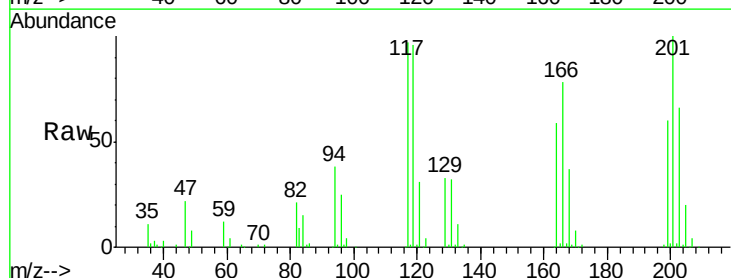
Acq: 08 Mar 2019 10:20

Tgt Ion: 117 Resp: 37392

Ion Ratio Lower Upper

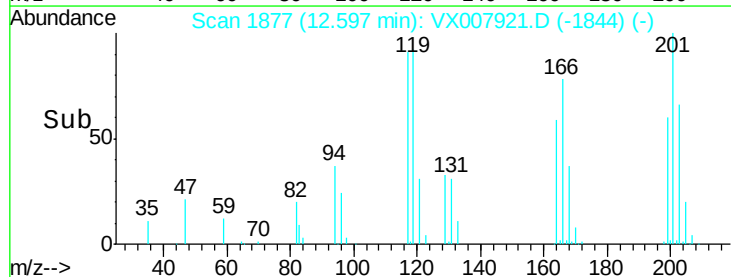
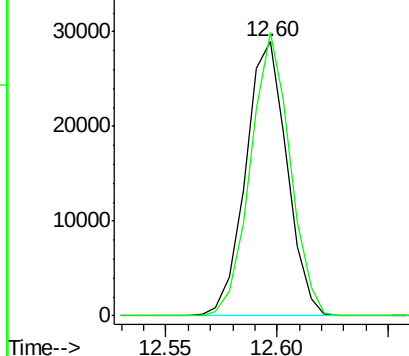
117 100

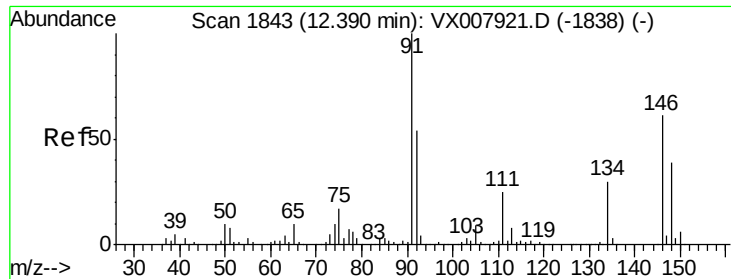
201 98.6 41.1 123.3



Abundance Ion 117.00 (116.70 to 117.70): VX007921.D (-1871) (-)

Ion 201.00 (200.70 to 201.70): VX007921.D (-1871) (-)

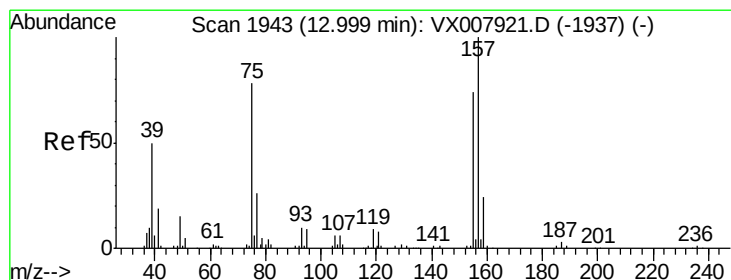
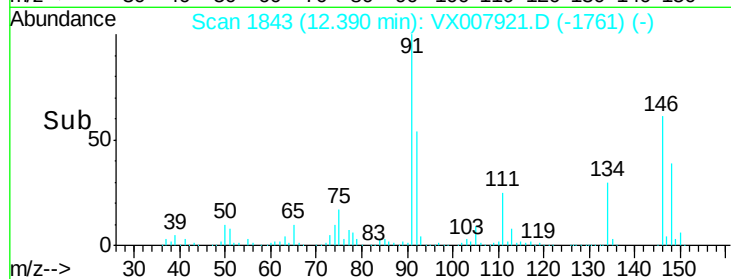
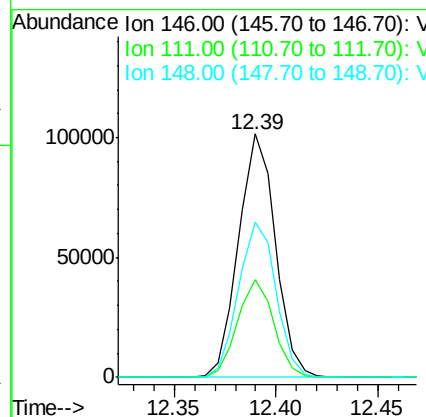
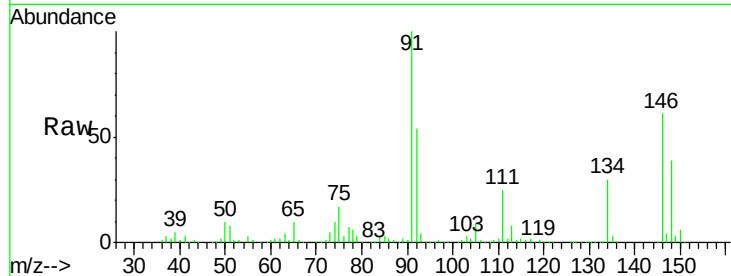




#87
 1,2-Dichlorobenzene
 Concen: 20.252 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

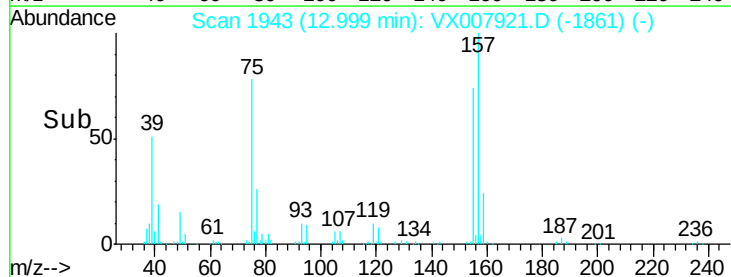
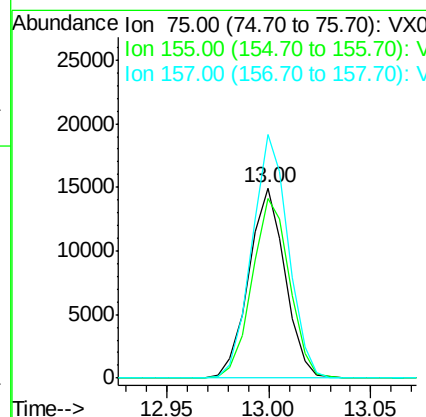
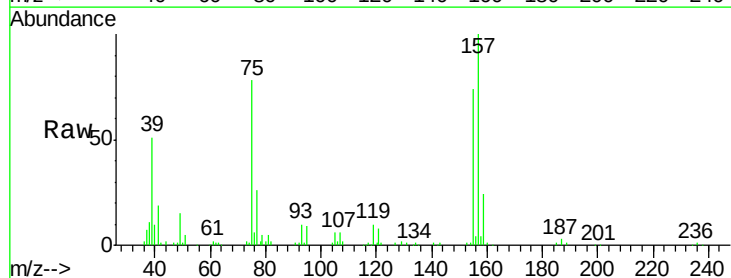
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

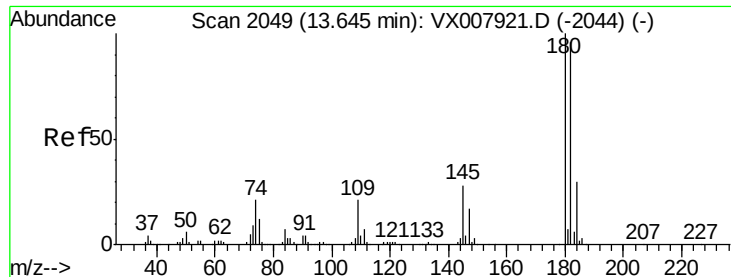
Tot Ion:146 Resp: 127273
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.3 57.8
 148 64.7 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.445 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

Tgt Ion: 75 Resp: 18530
 Ion Ratio Lower Upper
 75 100
 155 97.2 81.0 121.6
 157 128.2 103.2 154.8

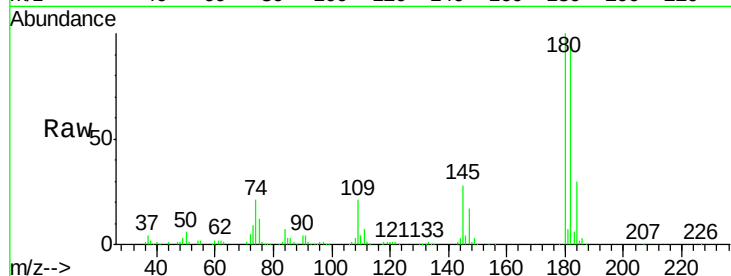




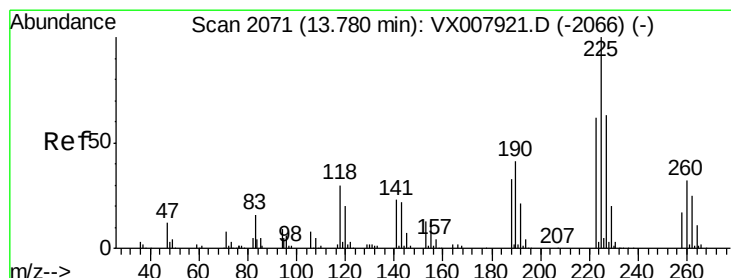
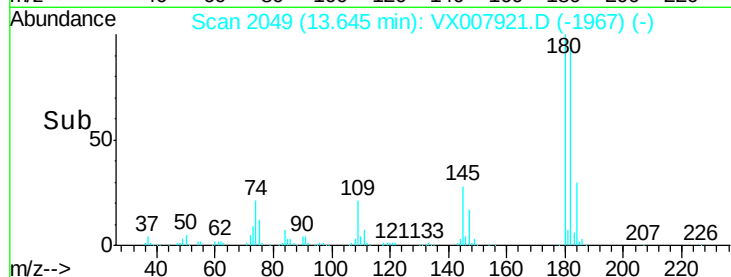
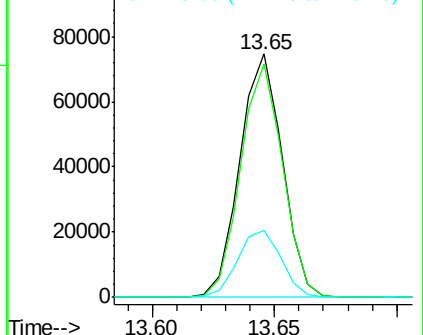
#89
 1,2,4-Trichlorobenzene
 Concen: 20.016 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion:180 Resp: 90403
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.6 113.4
 145 28.4 23.0 34.6

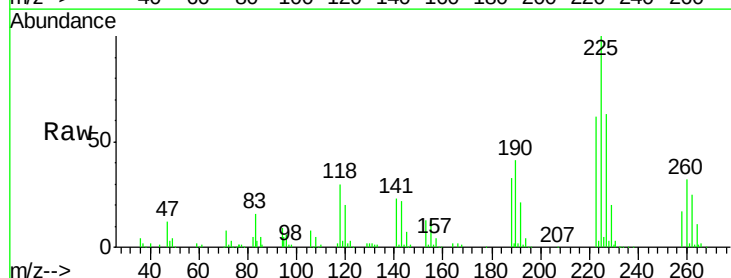


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

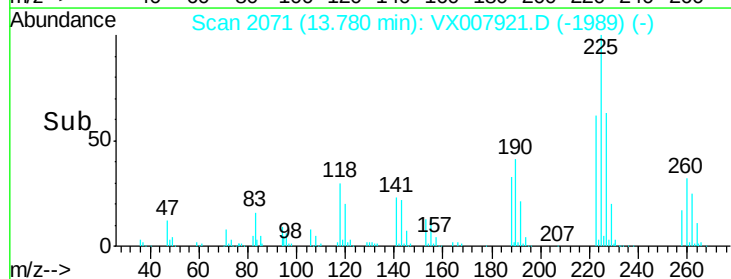
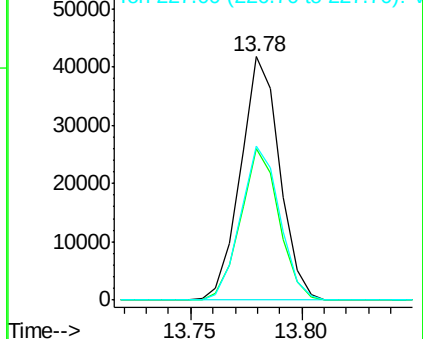


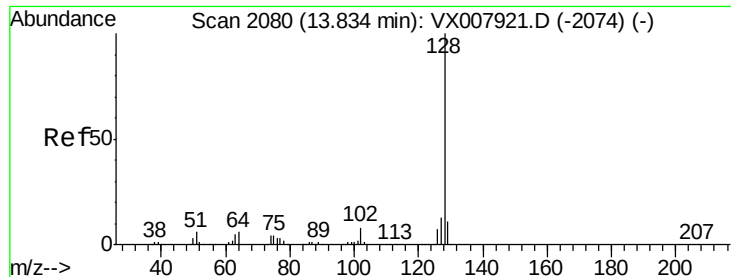
#90
 Hexachlorobutadiene
 Concen: 20.501 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007921.D
 Acq: 08 Mar 2019 10:20

Tgt Ion:225 Resp: 51067
 Ion Ratio Lower Upper
 225 100
 223 61.0 0.0 123.8
 227 63.3 0.0 124.4



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

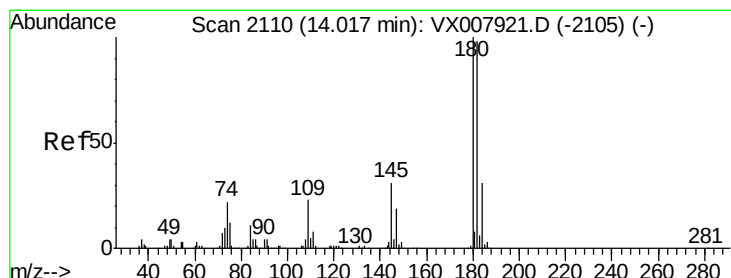
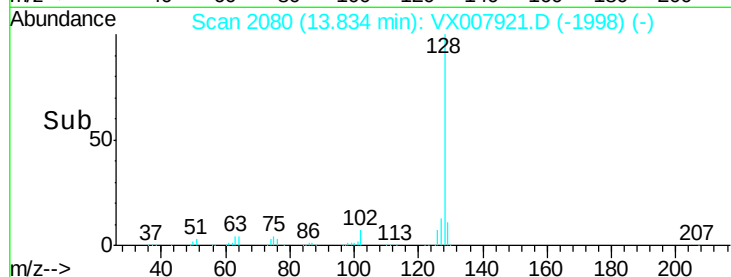
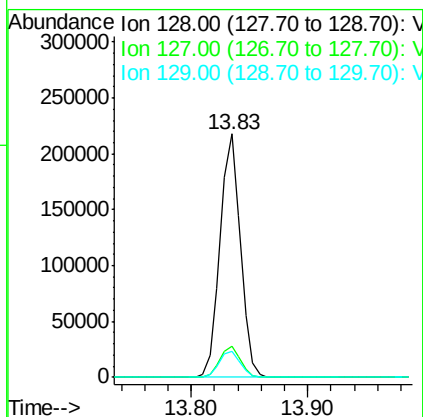
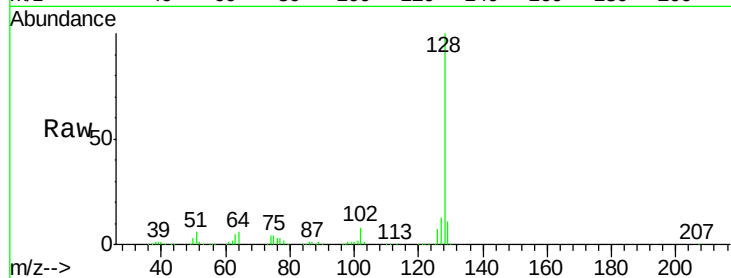




#91
Naphthalene
Concen: 20.238 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:128 Resp: 262011
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 20.094 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007921.D
Acq: 08 Mar 2019 10:20

Tgt Ion:180 Resp: 90207
Ion Ratio Lower Upper
180 100
182 95.8 0.0 193.0
145 29.8 0.0 63.0

