

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032219\
 Data File : VX008331.D
 Acq On : 22 Mar 2019 11:23
 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 22 15:27:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 22 13:03:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	31714	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	167406	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	146187	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	65027	30.01	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.03%
60) 4-Bromofluorobenzene	11.13	95	70988	29.83	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.43%
63) Toluene-d8	8.71	98	198267	30.10	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.33%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	34139	20.063 ug/l	100
3) Chloromethane	1.33	50	35383	20.337 ug/l	98
4) Vinyl Chloride	1.41	62	39304	20.044 ug/l	97
5) Bromomethane	1.65	94	32225	9.065 ug/l	99
6) Chloroethane	1.73	64	26640	19.115 ug/l	98
7) Trichlorofluoromethane	1.93	101	61028	19.550 ug/l	98
8) Diethyl Ether	2.19	74	22764	18.803 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33000	19.115 ug/l	100
10) 1,1-Dichloroethene	2.38	96	33550	19.688 ug/l	98
11) Methyl Iodide	2.51	142	49285	19.133 ug/l	98
12) Methyl Acetate	2.78	43	36014	19.368 ug/l	97
13) Acrolein	2.29	56	30304	104.031 ug/l	99
14) Acrylonitrile	3.15	53	91234	98.867 ug/l	99
15) Acetone	2.45	58	41391	114.383 ug/l	93
16) Carbon Disulfide	2.57	76	92974	19.677 ug/l	100
17) Allyl chloride	2.73	41	48345	19.226 ug/l	94
18) Methylene Chloride	2.86	84	35952	19.599 ug/l	95
19) trans-1,2-Dichloroethene	3.17	96	35090	19.399 ug/l	91
20) Diisopropyl ether	3.85	45	103812	19.745 ug/l #	80
21) 1,1-Dichloroethane	3.70	63	60267	19.409 ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	40881	19.595 ug/l	96
23) tert-Butyl Alcohol	3.04	59	37085	98.993 ug/l	100
24) Methyl tert-Butyl Ether	3.20	73	106785	19.505 ug/l	97
25) Chloroform	5.22	83	64080	19.454 ug/l	97
26) Cyclohexane	5.59	56	53013	19.304 ug/l #	100
29) 1,1-Dichloropropene	5.81	75	46640	19.616 ug/l	98
30) 2-Butanone	4.68	43	146427	106.920 ug/l	97
31) 2,2-Dichloropropane	4.59	77	42913	19.170 ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	54878	19.616 ug/l #	90
33) Carbon Tetrachloride	5.79	117	50153	19.520 ug/l	97
34) Benzene	6.15	78	141196	19.936 ug/l	98
35) Methacrylonitrile	5.05	41	25252	19.795 ug/l	96
36) 1,2-Dichloroethane	6.20	62	51906	19.883 ug/l	100
37) Trichloroethene	7.21	130	40941	19.661 ug/l	92
38) Methylcyclohexane	7.46	83	57320	19.235 ug/l	98
39) 1,2-Dichloropropane	7.52	63	36799	20.419 ug/l	100
40) Dibromomethane	7.66	93	26386	19.963 ug/l	97

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

41) Bromodichloromethane	7.90	83	49371	19.685	ug/l	96
42) Vinyl Acetate	3.82	43	453828	98.593	ug/l	99
43) Ethyl Acetate	4.84	43	47240	19.531	ug/l #	83
44) Isopropyl Acetate	6.45	43	74430	19.564	ug/l	97
45) 1,4-Dioxane	7.74	88	19680	411.284	ug/l	99
46) Methyl methacrylate	7.77	41	36507	19.557	ug/l	97
47) n-amyl Acetate	10.90	43	61301	18.794	ug/l	96
48) t-1,3-Dichloropropene	9.04	75	46979	18.708	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	53634	19.141	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	37196	19.589	ug/l	96
51) Ethyl methacrylate	9.18	69	54885	19.798	ug/l	96
52) 1,3-Dichloropropane	9.37	76	61002	20.031	ug/l	100
53) Dibromochloromethane	9.58	129	42279	19.752	ug/l	98
54) 1,2-Dibromoethane	9.67	107	41761	20.045	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	138740	99.475	ug/l	98
56) Bromoform	10.85	173	32613	19.299	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	248472	100.949	ug/l	97
59) 2-Hexanone	9.49	43	202932	104.227	ug/l	98
61) Tetrachloroethene	9.34	164	39684	20.166	ug/l	97
62) Toluene	8.79	91	155638	20.057	ug/l	100
64) Chlorobenzene	10.14	112	98309	19.652	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	37759	19.763	ug/l	99
66) Ethyl Benzene	10.25	91	165970	19.777	ug/l	99
67) m/p-Xylenes	10.36	106	131277	39.360	ug/l	99
68) o-Xylene	10.70	106	63595	19.848	ug/l	97
69) Styrene	10.71	104	106713	19.728	ug/l	98
70) Isopropylbenzene	11.02	105	168136	19.945	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	57218	19.905	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	61740	25.732	ug/l	91
73) Bromobenzene	11.26	156	46441	19.912	ug/l	99
74) n-propylbenzene	11.36	91	181883	19.357	ug/l	99
75) 2-Chlorotoluene	11.42	91	110821	19.749	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	142594	19.801	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	14724	17.949	ug/l	97
78) 4-Chlorotoluene	11.51	91	126381	19.136	ug/l	99
79) tert-butylbenzene	12.06	119	146793	19.378	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	141500	19.773	ug/l	98
81) sec-Butylbenzene	11.94	105	159182	19.379	ug/l	99
82) p-Isopropyltoluene	12.06	119	146793	19.378	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	77407	19.121	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	78062	19.364	ug/l	97
85) n-Butylbenzene	12.39	91	120982	18.567	ug/l	100
86) Hexachloroethane	12.60	117	24227	18.557	ug/l	91
87) 1,2-Dichlorobenzene	12.39	146	78607	19.689	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	12624	19.184	ug/l	89
89) 1,2,4-Trichlorobenzene	13.65	180	51375	18.182	ug/l	96
90) Hexachlorobutadiene	13.78	225	27047	19.015	ug/l	97
91) Naphthalene	13.83	128	163255	19.237	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	54468	19.068	ug/l	100

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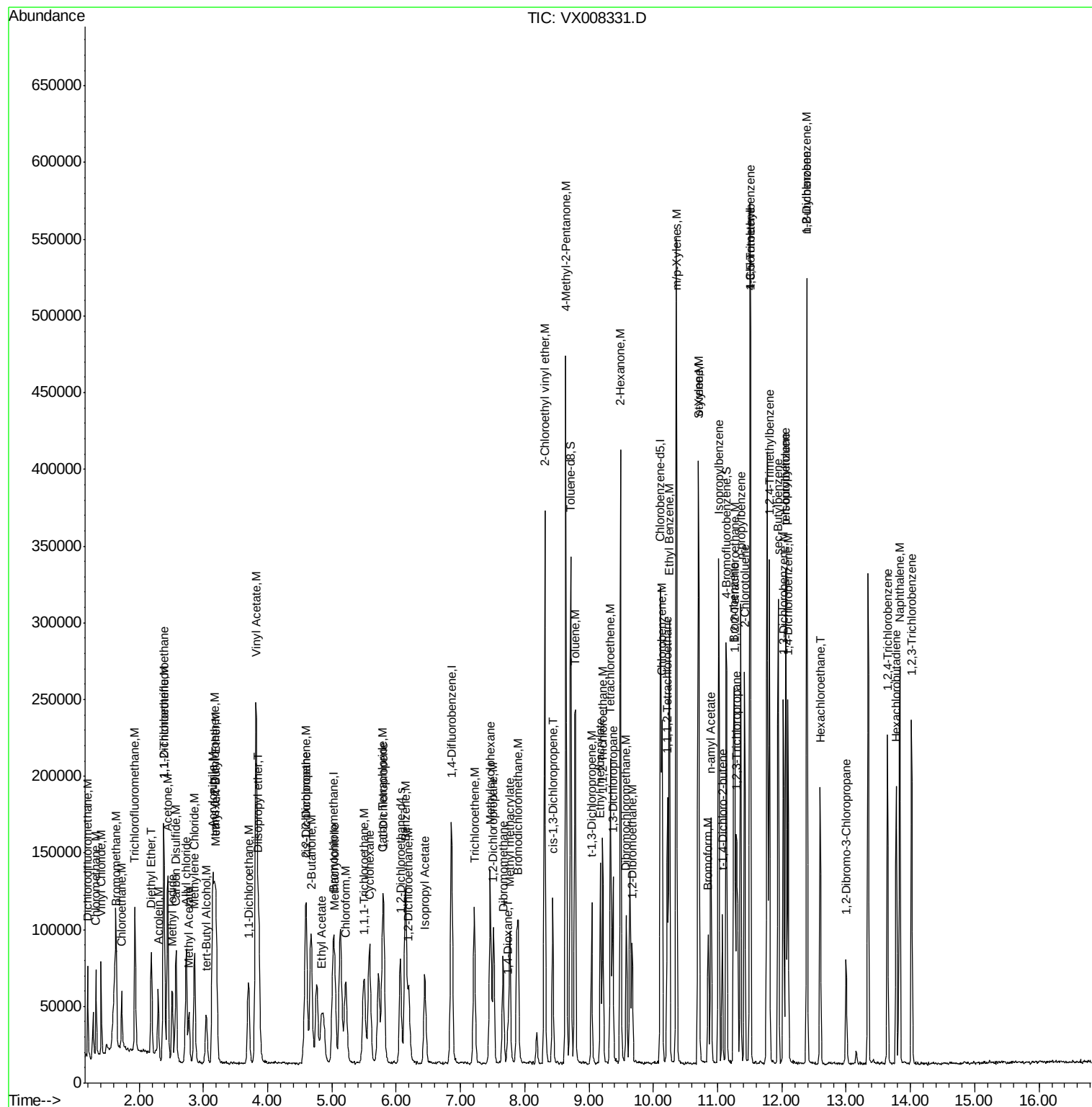
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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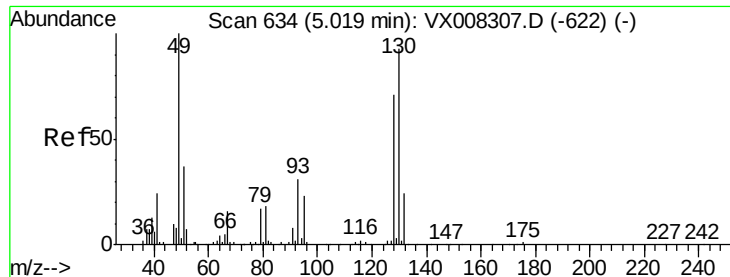
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleID :
VSTDICCC020

Quant Time: Mar 22 15:27:44 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

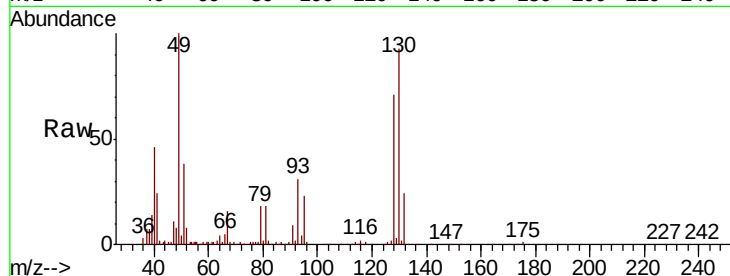
Tgt Ion:128 Resp: 31714

Ion Ratio Lower Upper

128 100

49 133.8 0.0 350.8

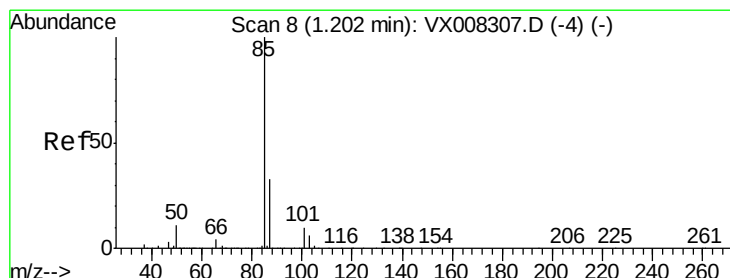
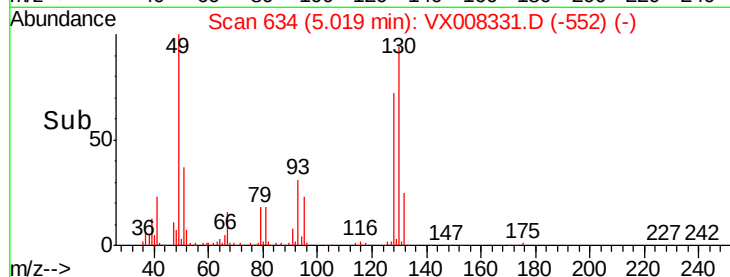
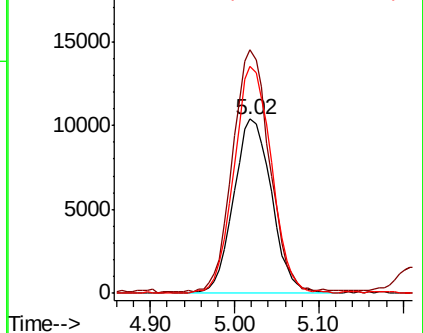
130 128.5 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.063 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX008331.D

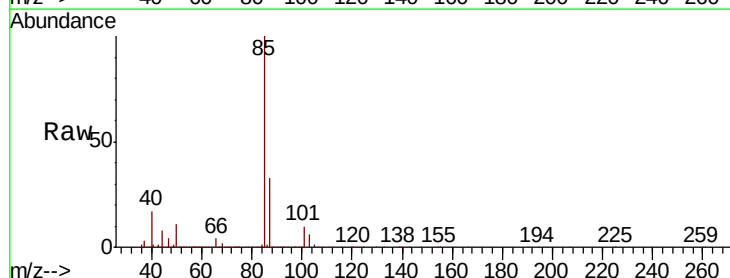
Acq: 22 Mar 2019 11:23

Tgt Ion: 85 Resp: 34139

Ion Ratio Lower Upper

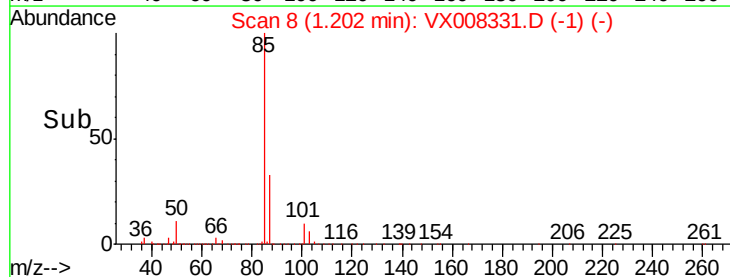
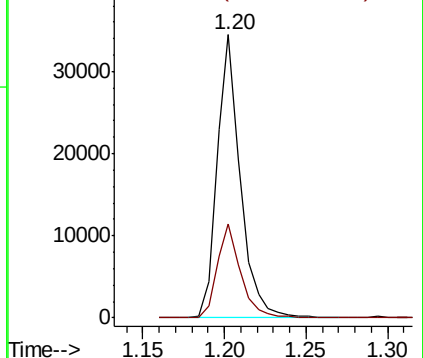
85 100

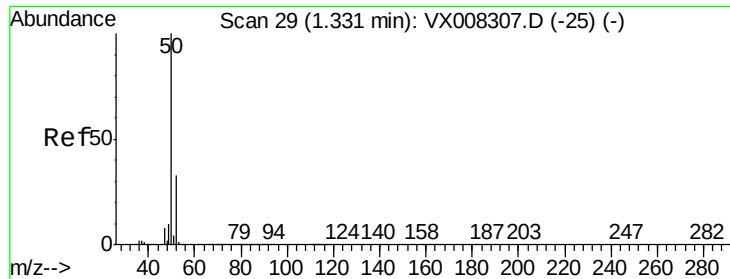
87 33.0 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

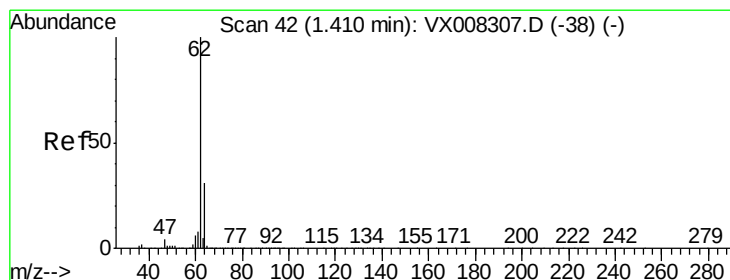
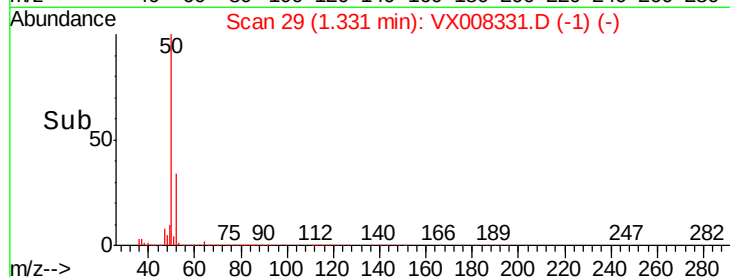
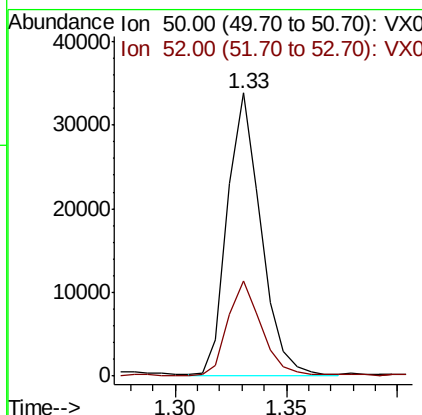
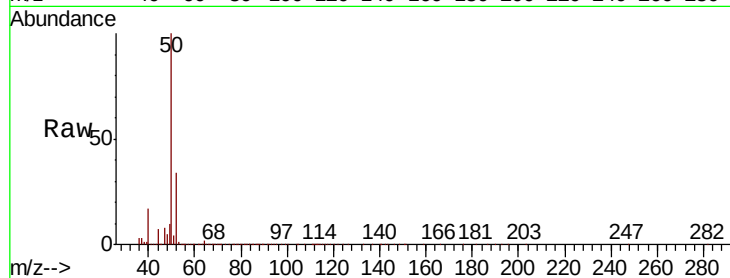




#3
Chloromethane
Concen: 20.337 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

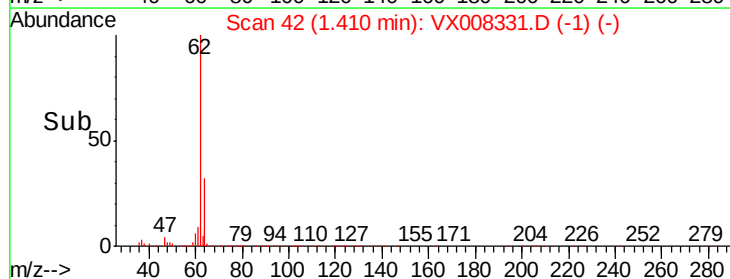
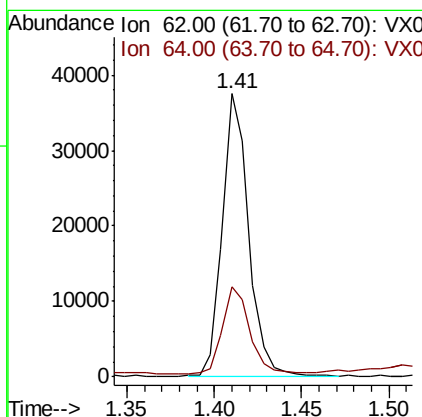
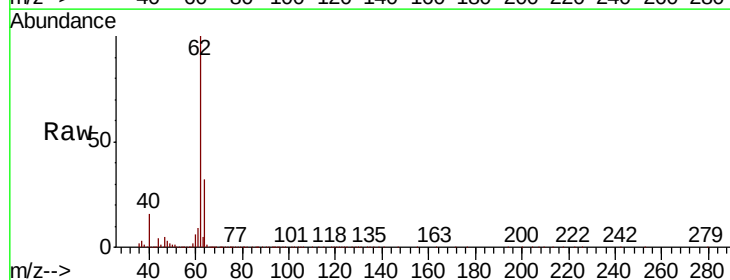
Instrument :
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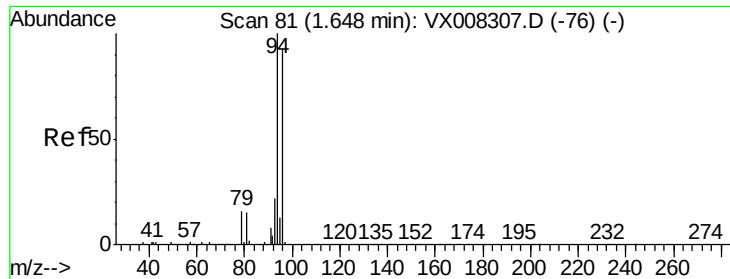
Tgt Ion: 50 Resp: 35383
Ion Ratio Lower Upper
50 100
52 33.4 27.5 41.3



#4
Vinyl Chloride
Concen: 20.044 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

Tgt Ion: 62 Resp: 39304
Ion Ratio Lower Upper
62 100
64 30.8 25.9 38.9





#5

Bromomethane

Concen: 9.065 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

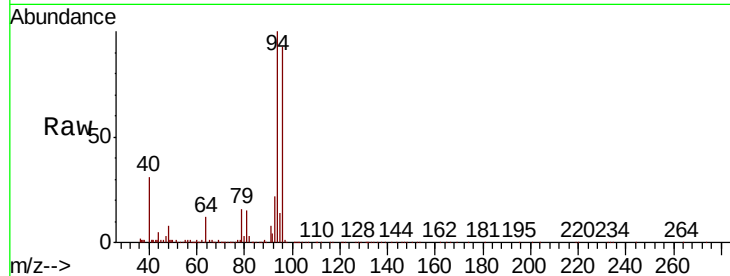
VSTDICCC020

Tgt Ion: 94 Resp: 32225

Ion Ratio Lower Upper

94 100

96 93.7 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

25000

20000

15000

10000

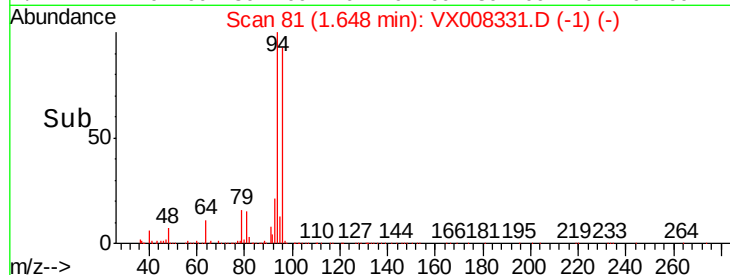
5000

0

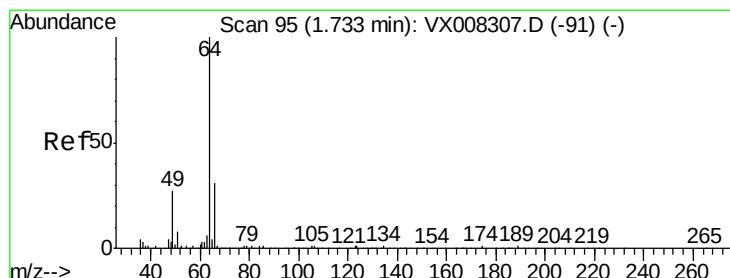
1.60

1.65

1.70



Time-->



#6

Chloroethane

Concen: 19.115 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.00 min

Lab File: VX008331.D

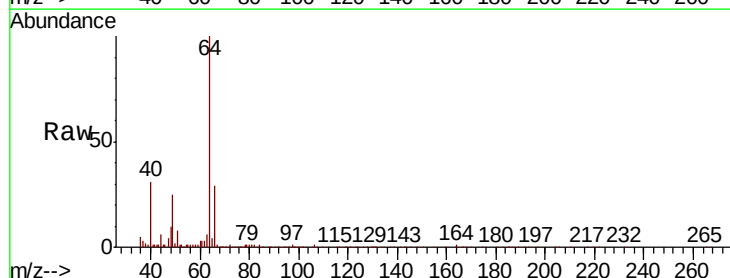
Acq: 22 Mar 2019 11:23

Tgt Ion: 64 Resp: 26640

Ion Ratio Lower Upper

64 100

66 31.1 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

20000

15000

10000

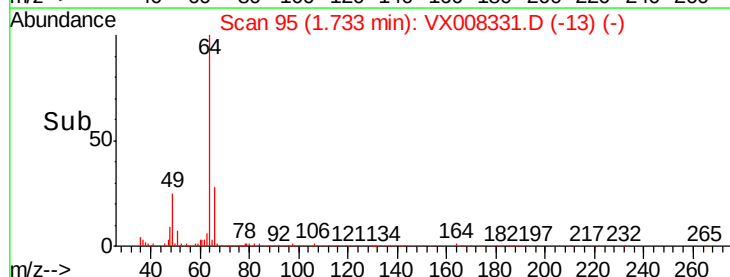
5000

0

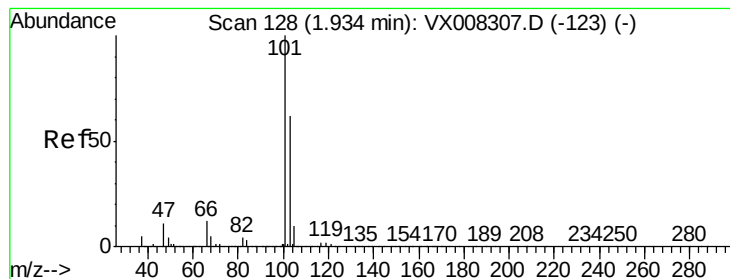
1.70

1.75

1.80



Time-->

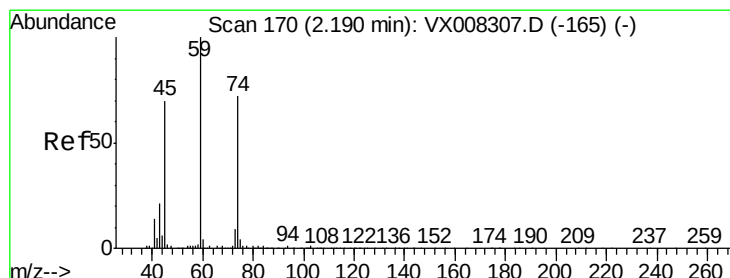
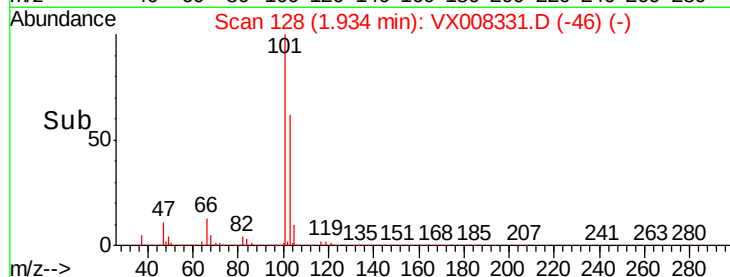
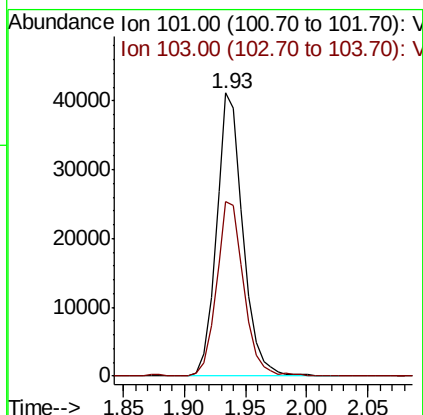
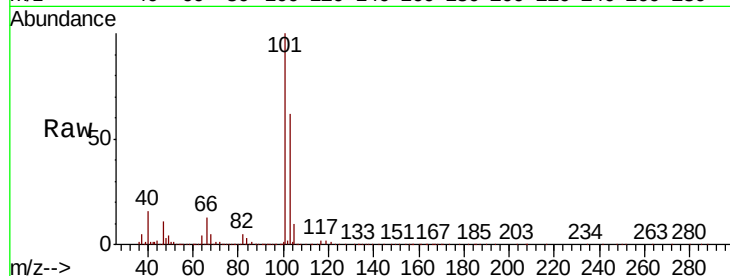


#7

Trichlorofluoromethane
 Concen: 19.550 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

Instrument :
 MSVOA_X
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 VSTDICCC020

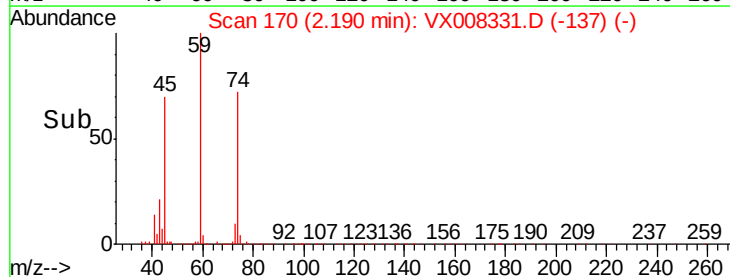
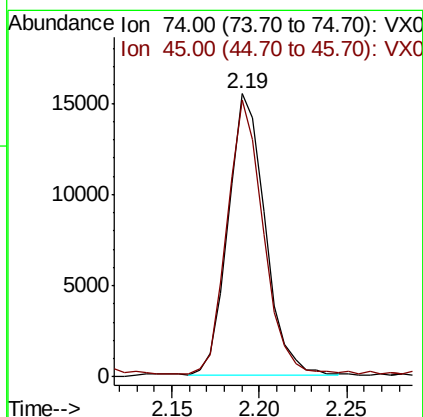
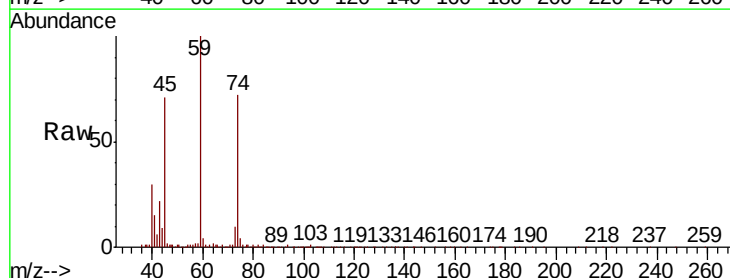
Tgt Ion: 101 Resp: 61028
 Ion Ratio Lower Upper
 101 100
 103 61.7 50.4 75.6

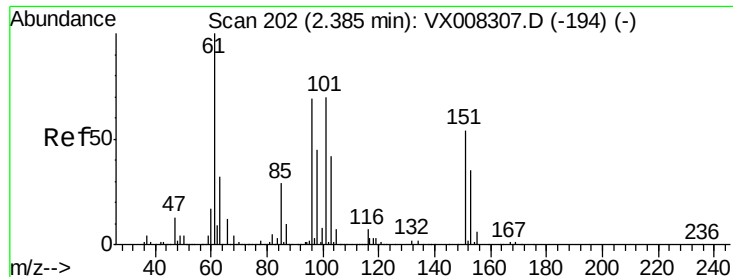


#8

Diethyl Ether
 Concen: 18.803 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

Tgt Ion: 74 Resp: 22764
 Ion Ratio Lower Upper
 74 100
 45 95.1 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.115 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

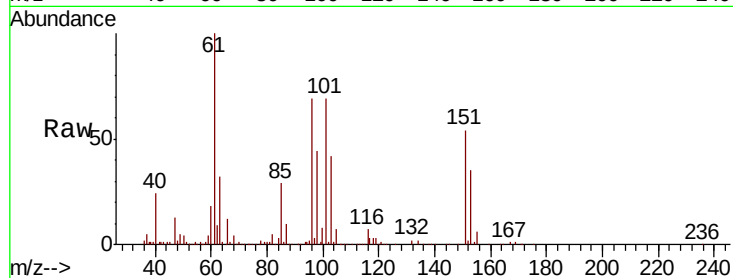
Tgt Ion: 101 Resp: 33000

Ion Ratio Lower Upper

101 100

85 44.1 0.0 86.8

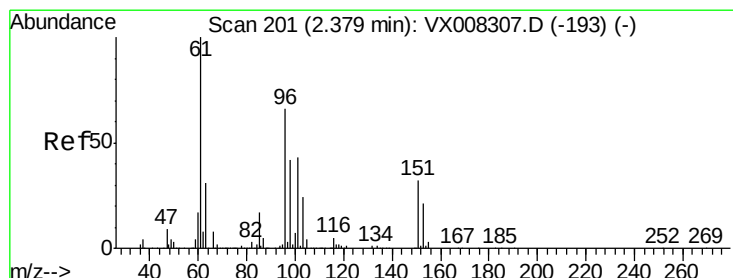
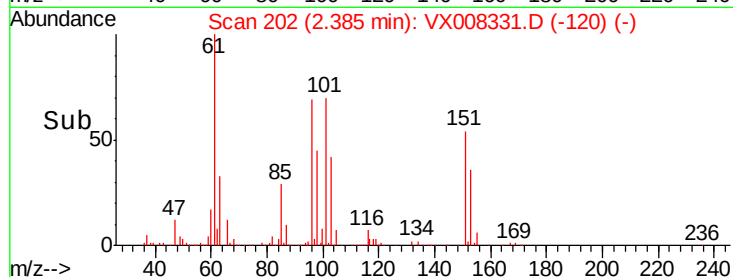
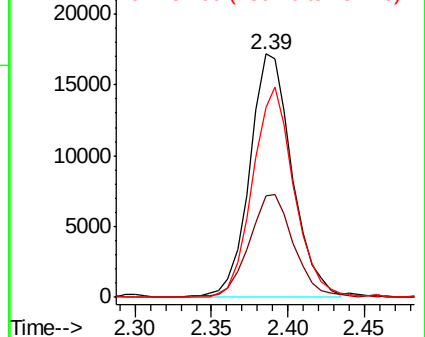
151 84.8 0.0 169.2



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: 19.688 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

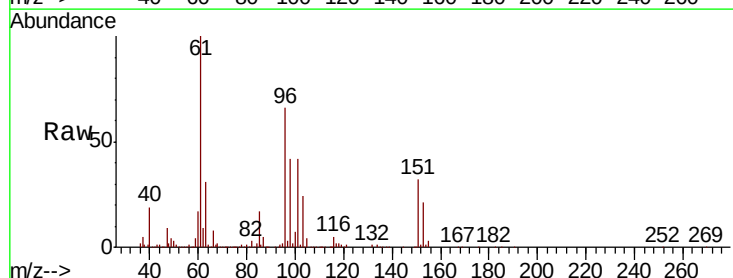
Tgt Ion: 96 Resp: 33550

Ion Ratio Lower Upper

96 100

61 152.2 120.2 180.2

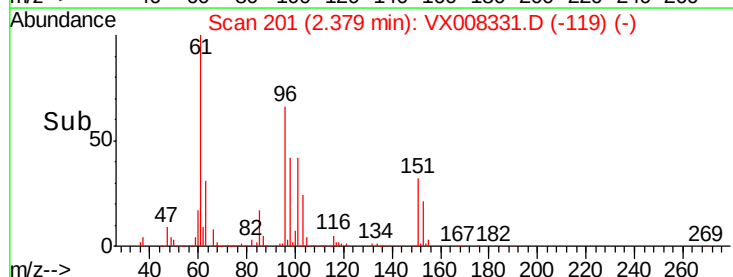
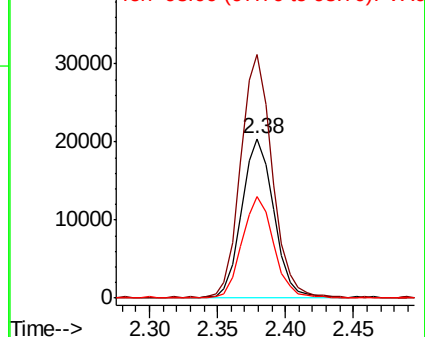
98 63.6 49.0 73.4

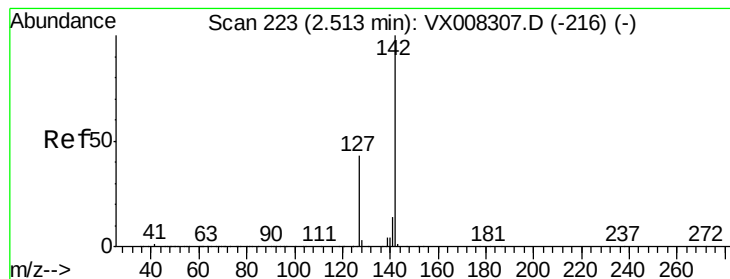


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 19.133 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

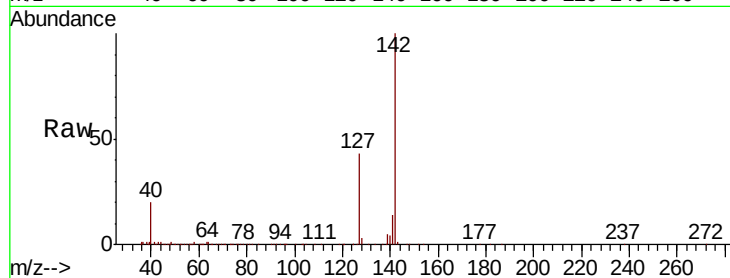
Tgt Ion:142 Resp: 49285

Ion Ratio Lower Upper

142 100

127 43.3 22.1 66.5

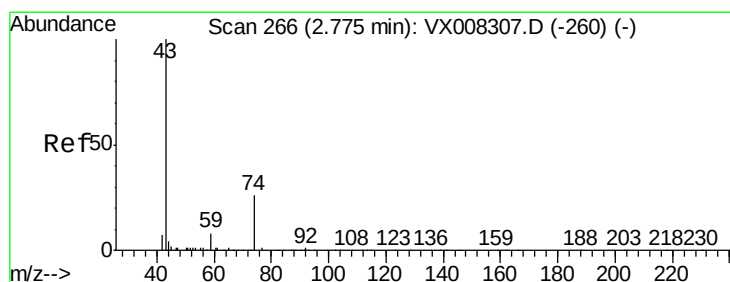
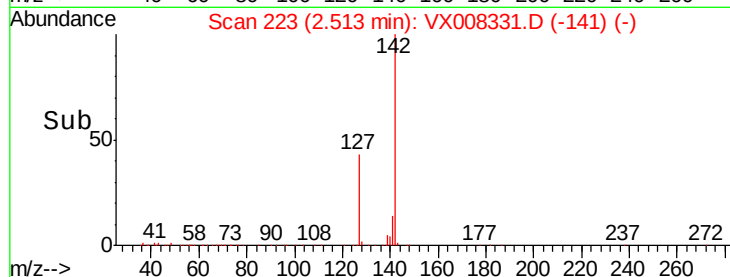
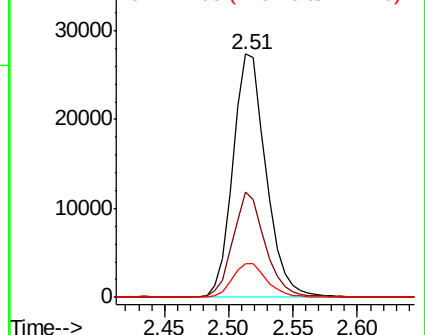
141 13.6 7.4 22.3



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 19.368 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX008331.D

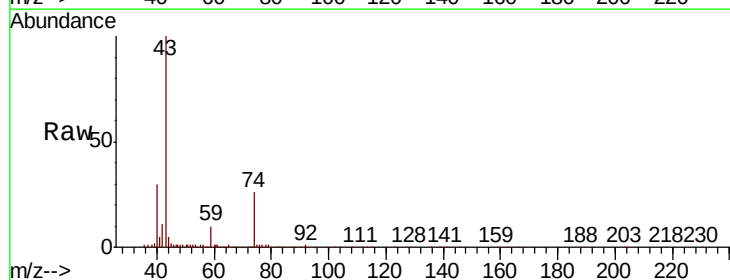
Acq: 22 Mar 2019 11:23

Tgt Ion: 43 Resp: 36014

Ion Ratio Lower Upper

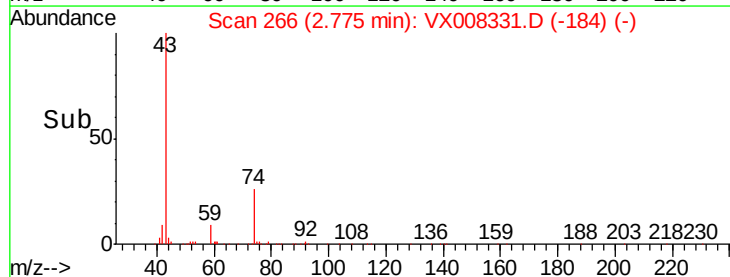
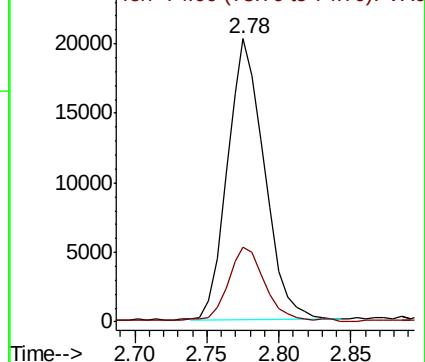
43 100

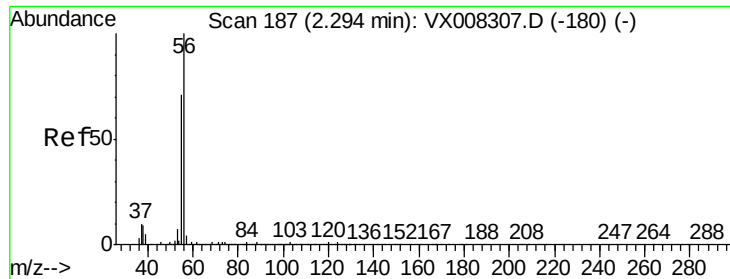
74 25.9 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

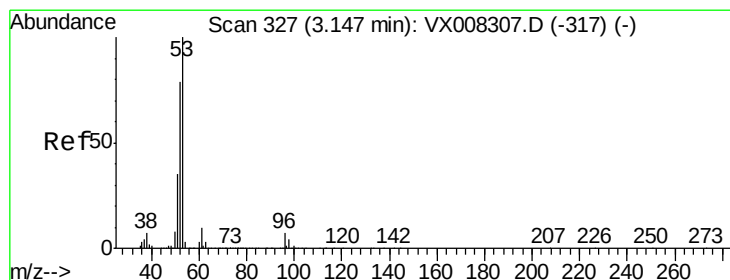
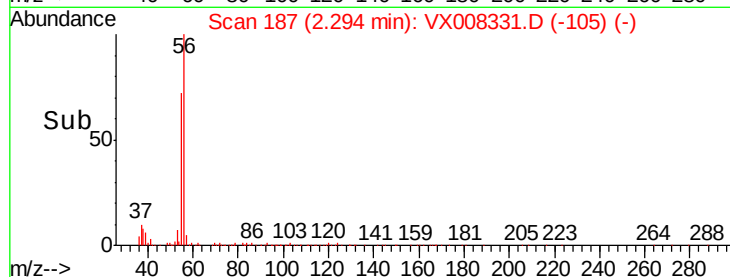
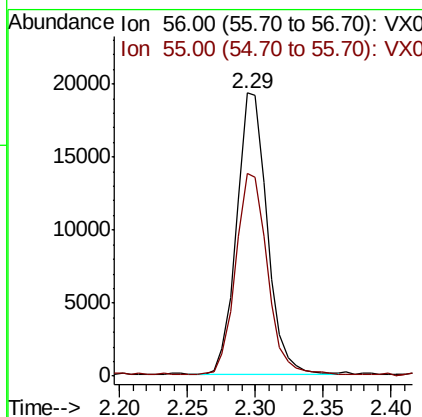
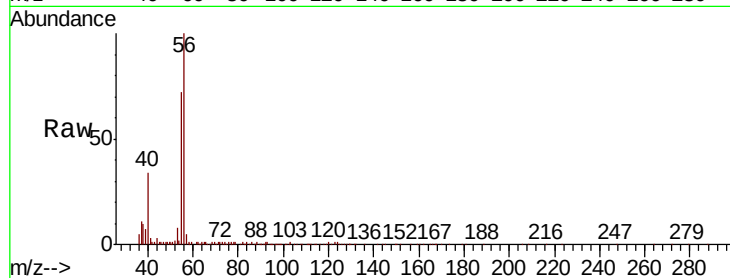




#13
Acrolein
Concen: 104.031 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

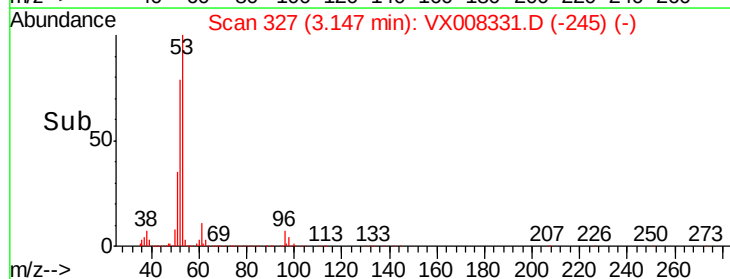
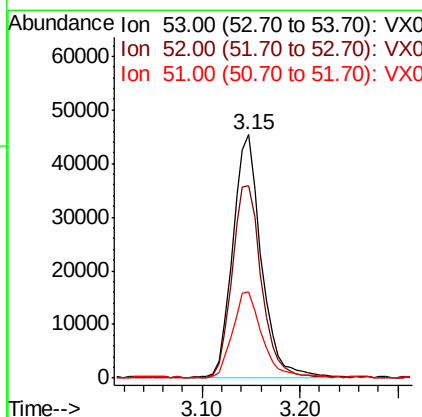
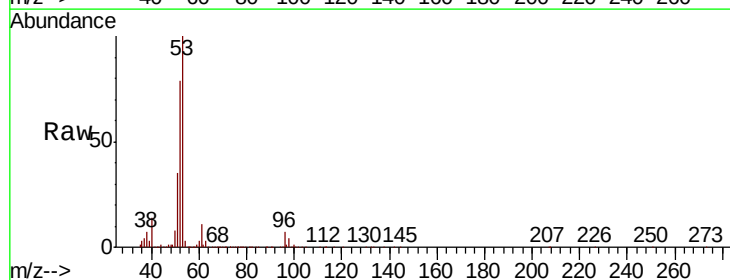
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

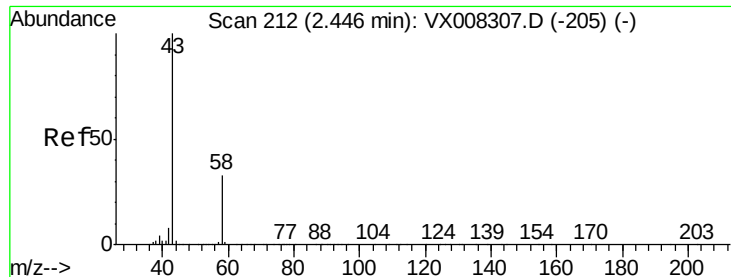
Tgt Ion: 56 Resp: 30304
Ion Ratio Lower Upper
56 100
55 73.8 58.6 87.8



#14
Acrylonitrile
Concen: 98.867 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

Tgt Ion: 53 Resp: 91234
Ion Ratio Lower Upper
53 100
52 81.9 41.3 124.1
51 36.5 17.5 52.6





#15

Acetone

Concen: 114.383 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

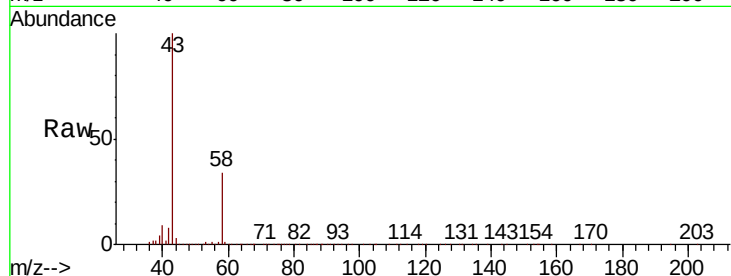
VSTDICCC020

Tgt Ion: 58 Resp: 41391

Ion Ratio Lower Upper

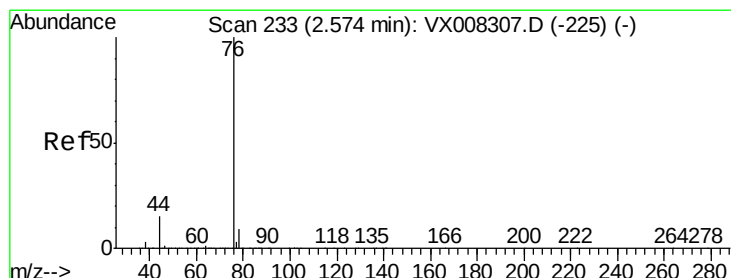
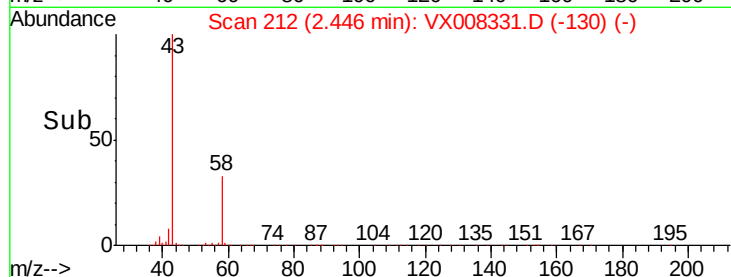
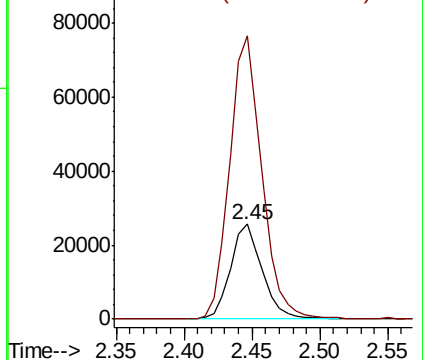
58 100

43 298.6 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.677 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008331.D

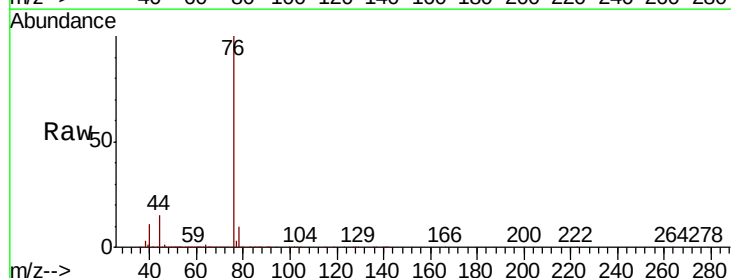
Acq: 22 Mar 2019 11:23

Tgt Ion: 76 Resp: 92974

Ion Ratio Lower Upper

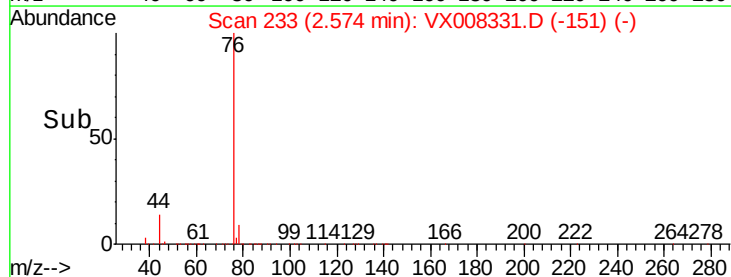
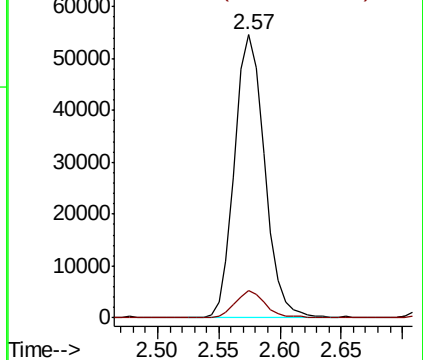
76 100

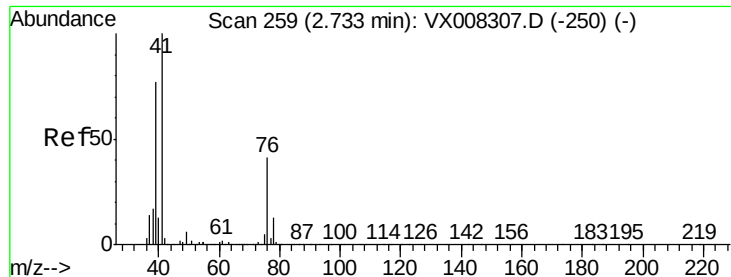
78 9.4 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

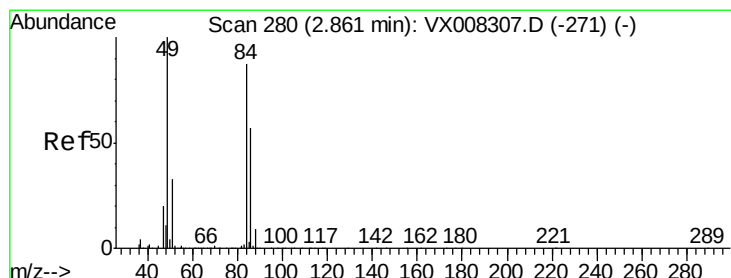
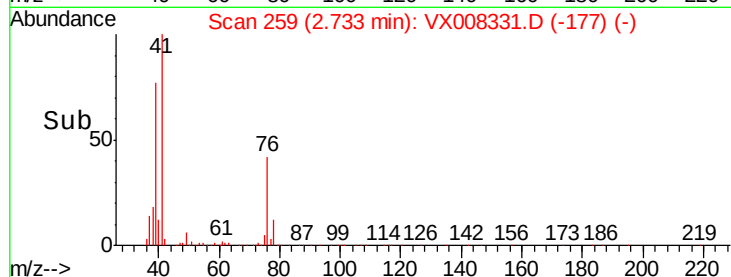
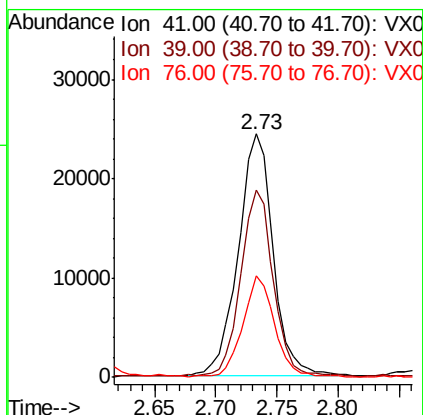
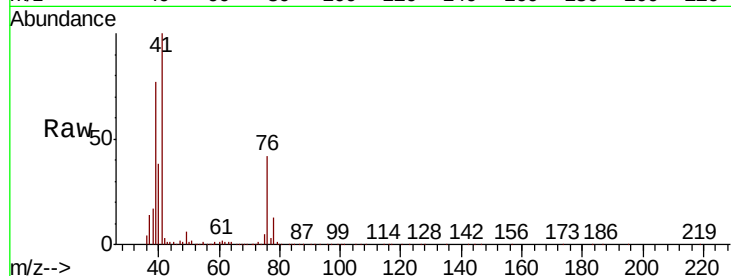




#17
 Allyl chloride
 Concen: 19.226 ug/l
 RT: 2.73 min Scan# 259
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

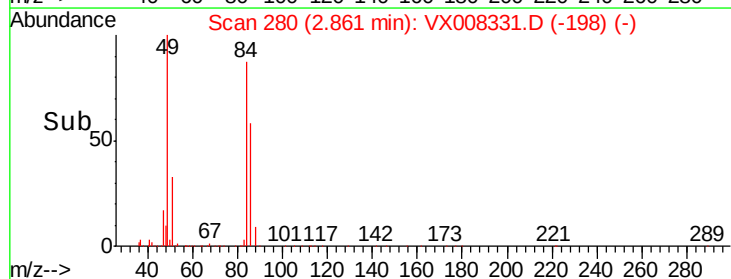
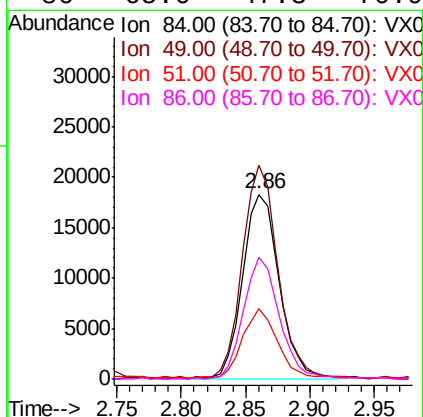
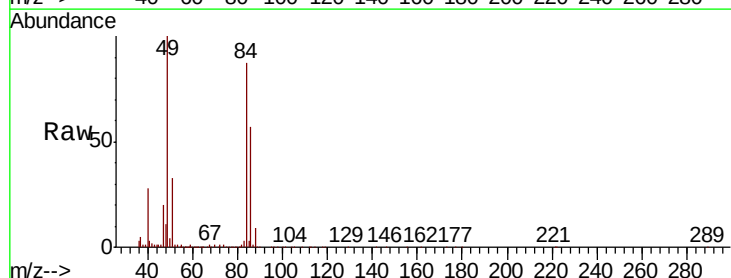
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

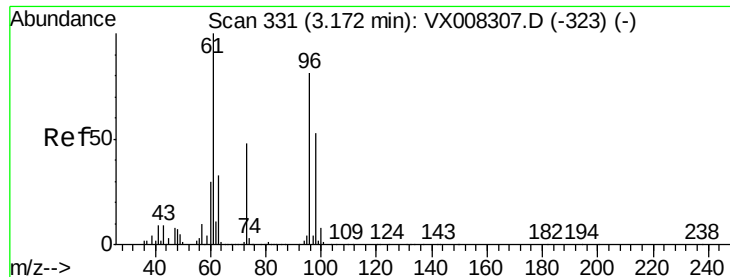
Tgt Ion: 41 Resp: 48345
 Ion Ratio Lower Upper
 41 100
 39 76.3 35.8 107.4
 76 41.4 18.3 54.9



#18
 Methylene Chloride
 Concen: 19.599 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

Tgt Ion: 84 Resp: 35952
 Ion Ratio Lower Upper
 84 100
 49 115.6 96.1 144.1
 51 37.6 29.1 43.7
 86 65.6 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 19.399 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

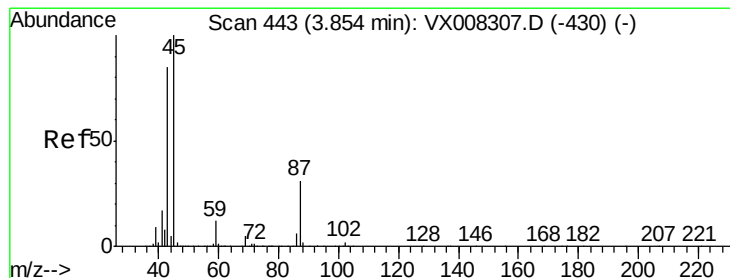
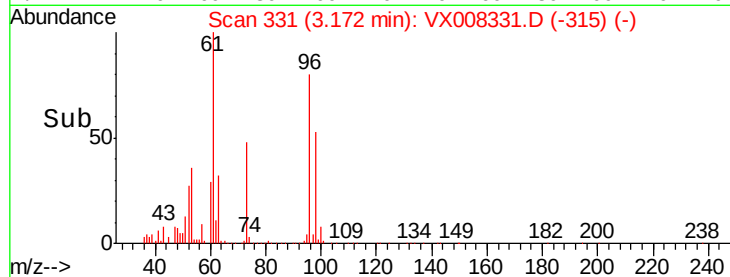
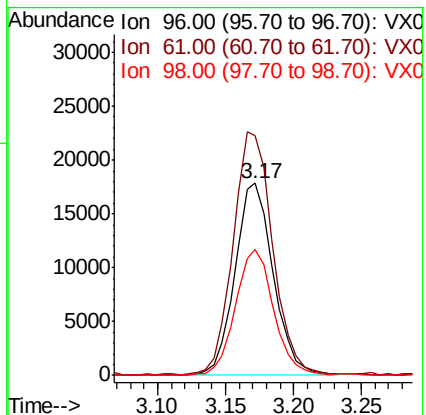
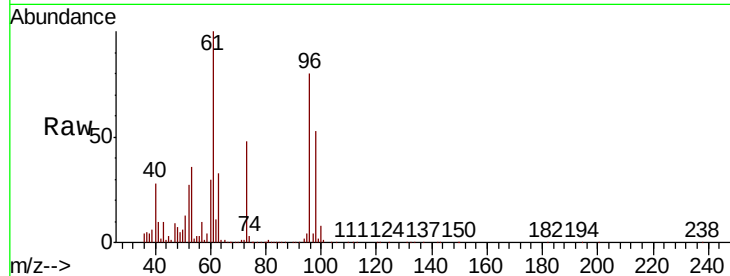
Tgt Ion: 96 Resp: 35090

Ion Ratio Lower Upper

96 100

61 123.8 109.9 164.9

98 65.8 50.4 75.6



#20

Diisopropyl ether

Concen: 19.745 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Tgt Ion: 45 Resp: 103812

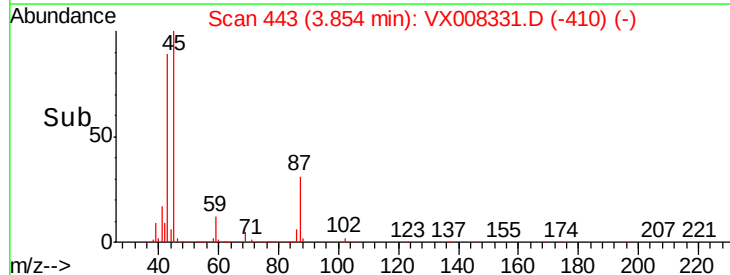
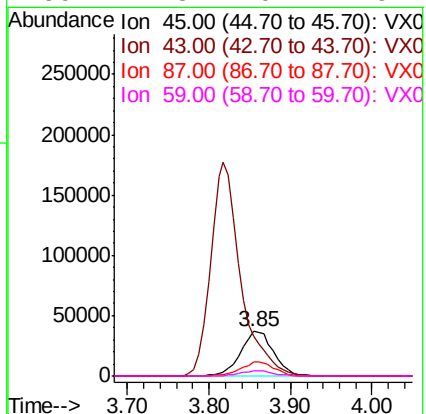
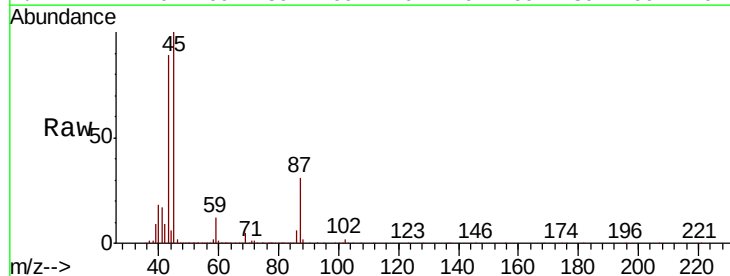
Ion Ratio Lower Upper

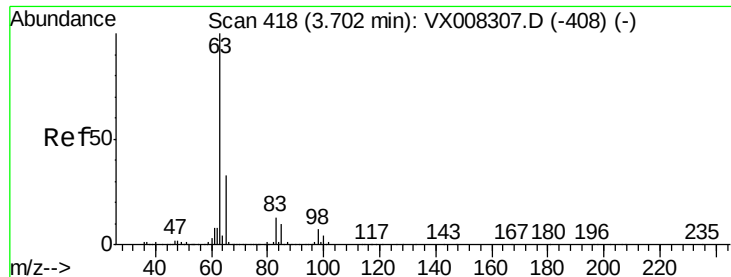
45 100

43 88.2 50.6 76.0#

87 31.4 24.5 36.7

59 11.8 10.2 15.2





#21

1,1-Dichloroethane

Concen: 19.409 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

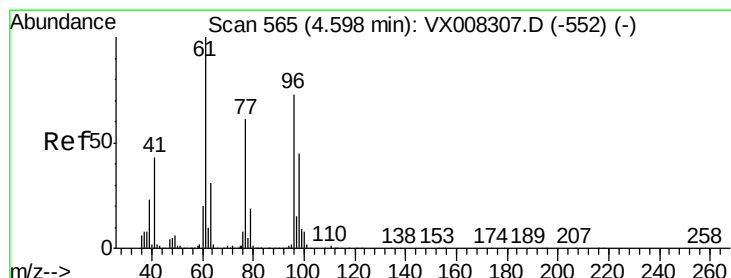
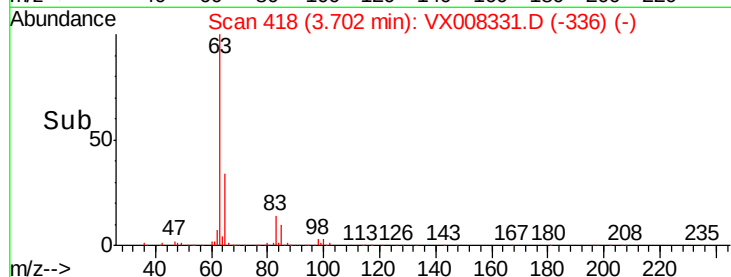
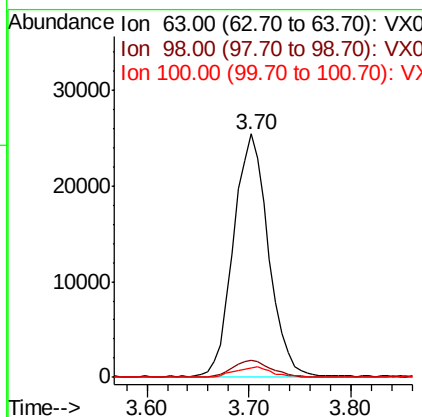
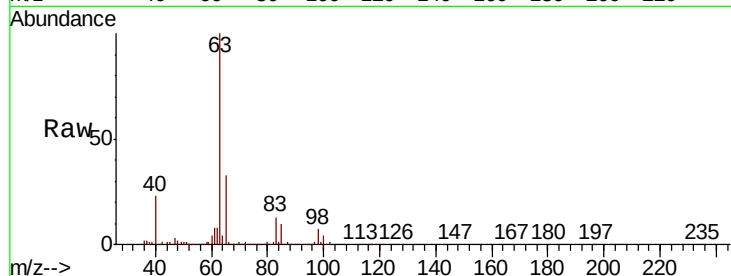
Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:	63	Resp:	60267
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.4
100	3.9	2.4	7.1



#22

cis-1,2-Dichloroethene

Concen: 19.595 ug/l

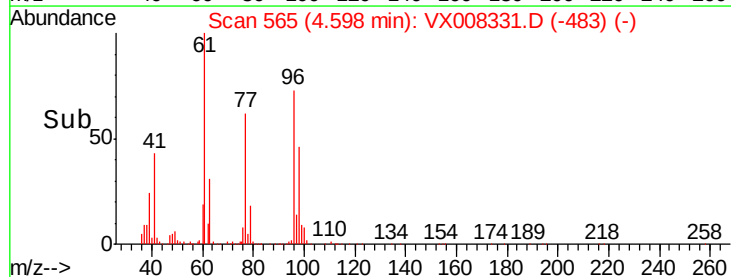
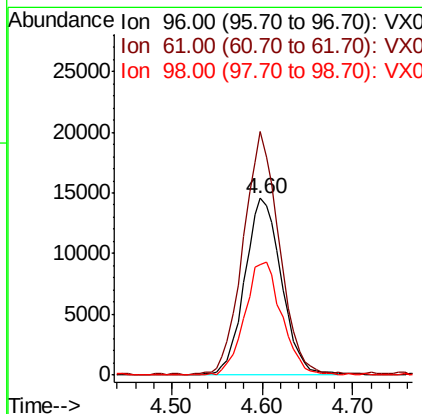
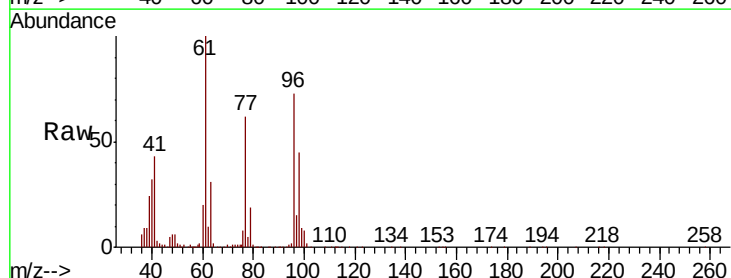
RT: 4.60 min Scan# 565

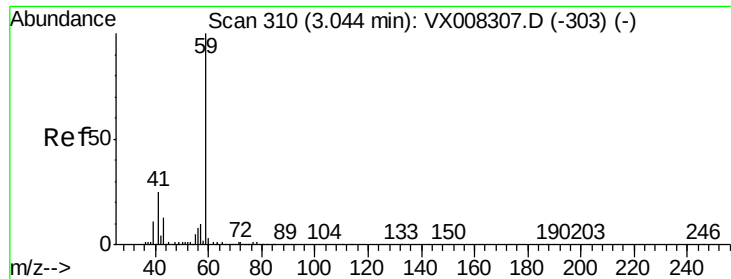
Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Tgt Ion:	96	Resp:	40881
Ion	Ratio	Lower	Upper
96	100		
61	135.1	103.5	155.3
98	64.1	52.1	78.1

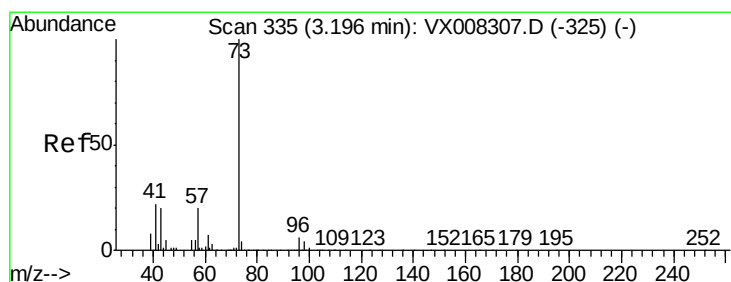
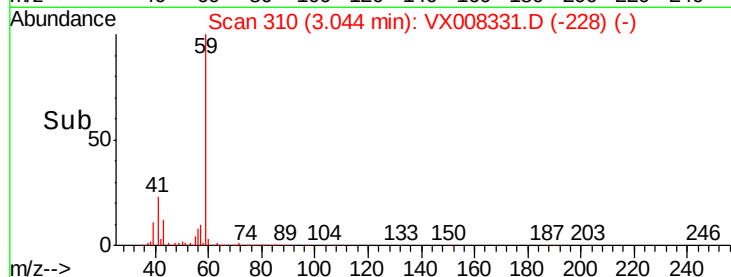
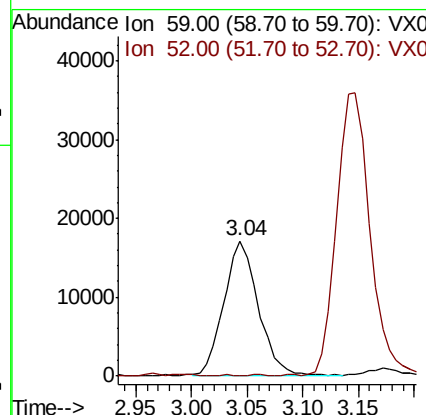
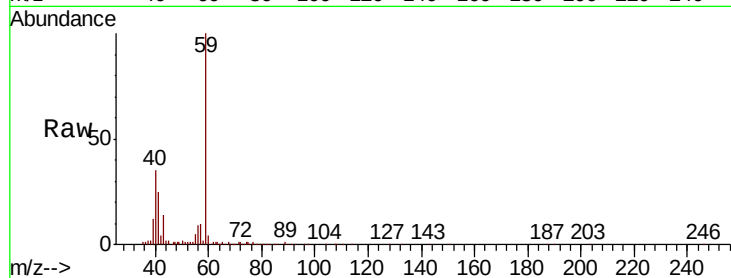




#23
 tert-Butyl Alcohol
 Concen: 98.993 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

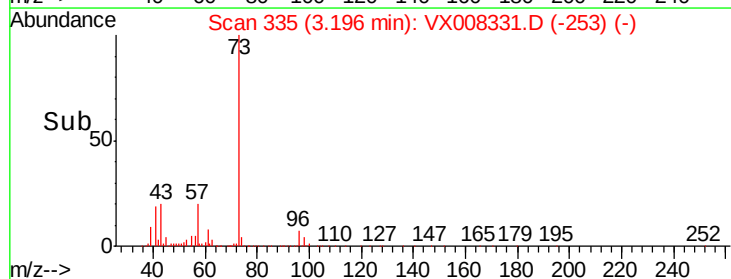
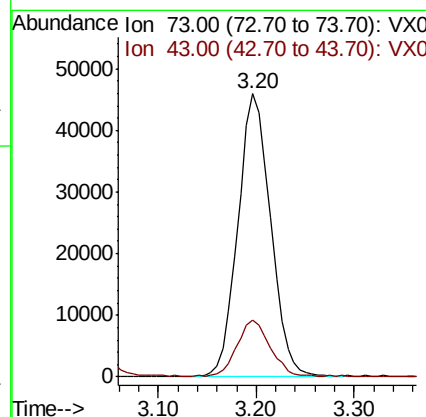
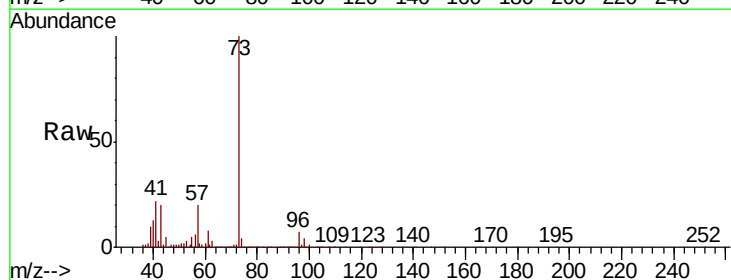
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

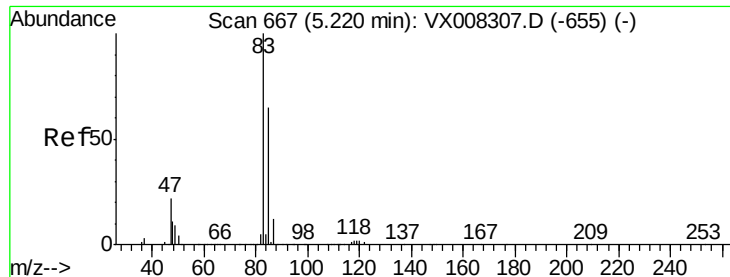
Tgt Ion: 59 Resp: 37085
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2



#24
 Methyl tert-Butyl Ether
 Concen: 19.505 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

Tgt Ion: 73 Resp: 106785
 Ion Ratio Lower Upper
 73 100
 43 19.9 17.1 25.7





#25

Chloroform

Concen: 19.454 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

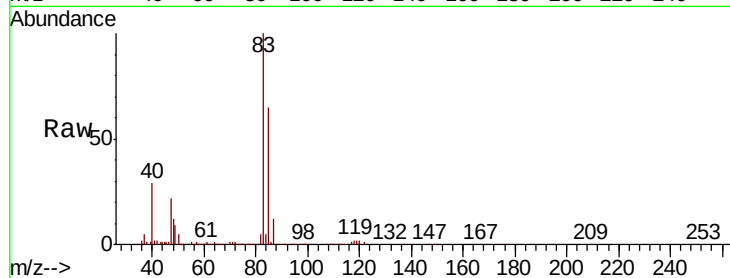
VSTDICCC020

Tgt Ion: 83 Resp: 64080

Ion Ratio Lower Upper

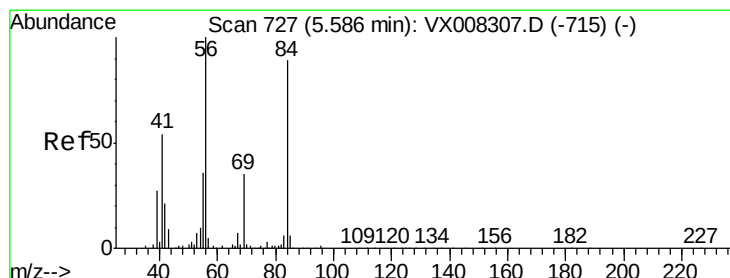
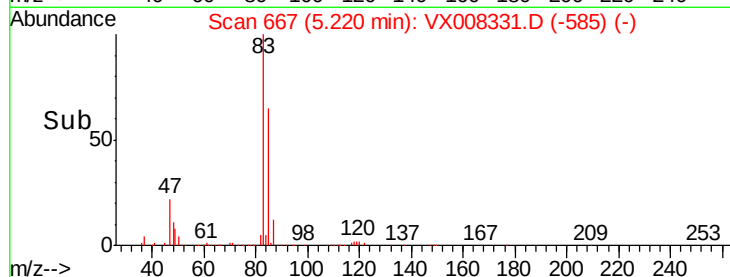
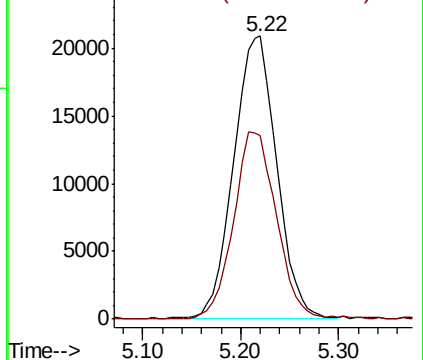
83 100

85 64.8 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 19.304 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

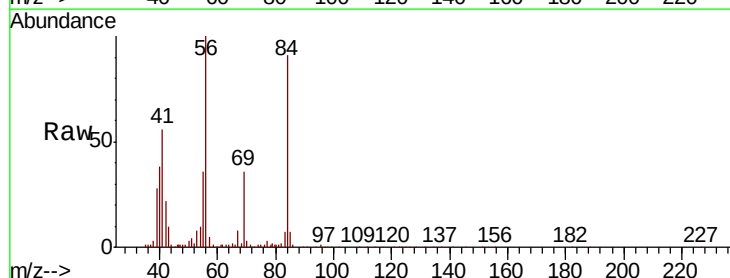
Tgt Ion: 56 Resp: 53013

Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

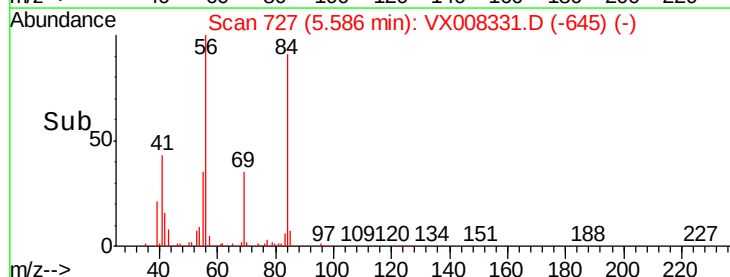
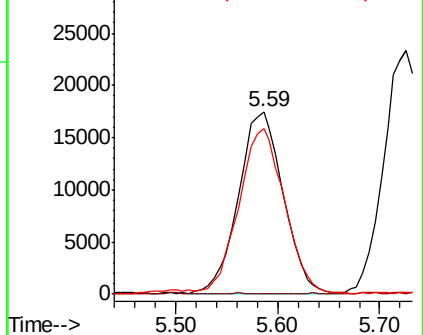
84 92.6 73.9 110.9

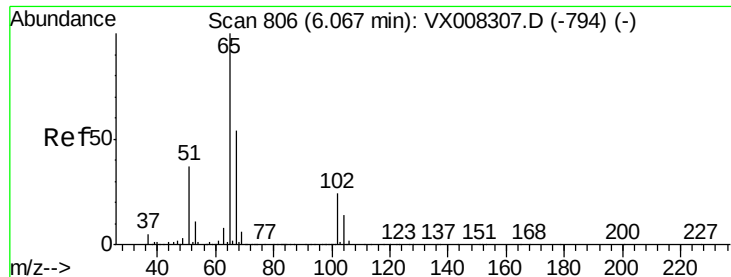


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

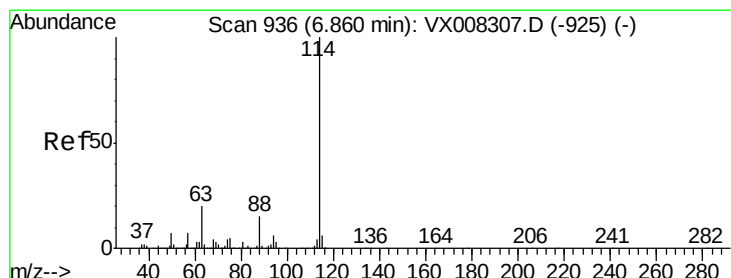
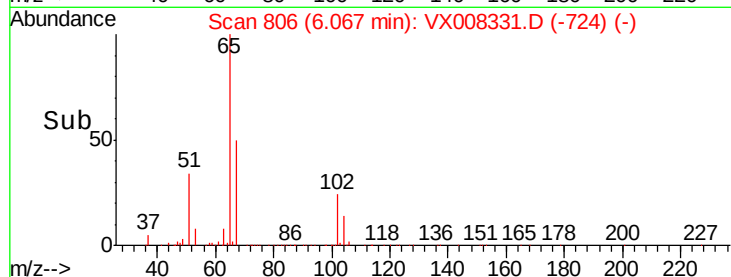
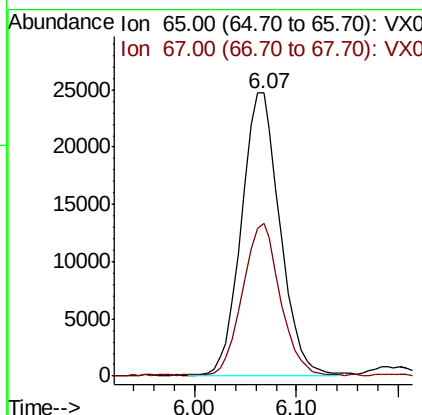
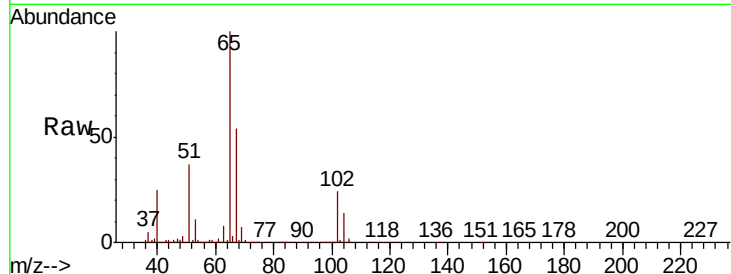




#27
 1,2-Dichloroethane-d4
 Concen: 30.006 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

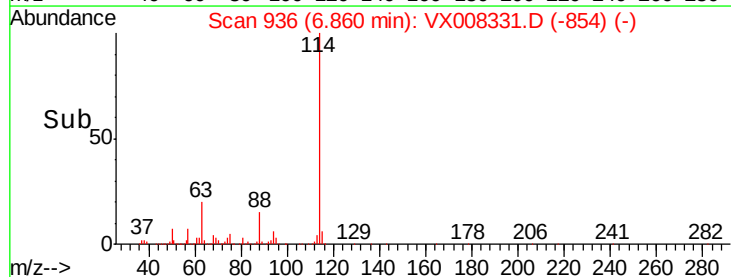
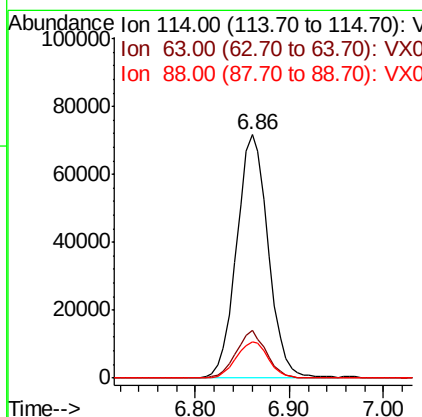
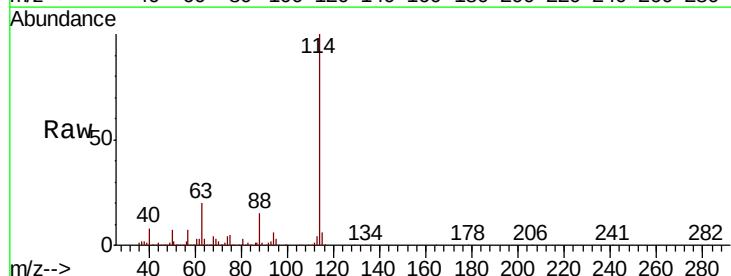
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

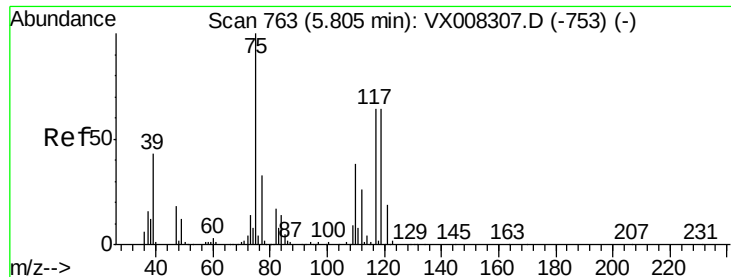
Tgt Ion: 65 Resp: 65027
 Ion Ratio Lower Upper
 65 100
 67 53.0 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

Tgt Ion: 114 Resp: 167406
 Ion Ratio Lower Upper
 114 100
 63 18.7 14.2 21.4
 88 15.1 11.9 17.9





#29

1,1-Dichloropropene

Concen: 19.616 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

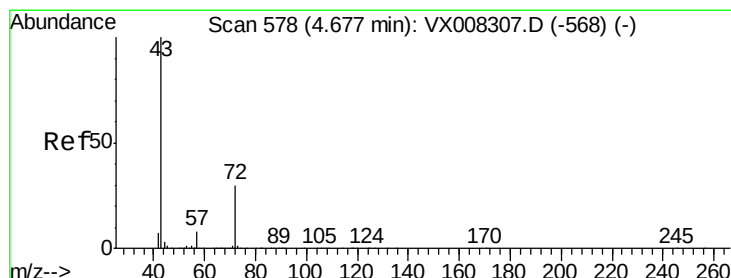
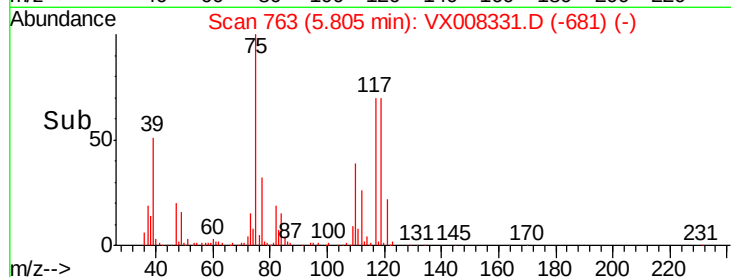
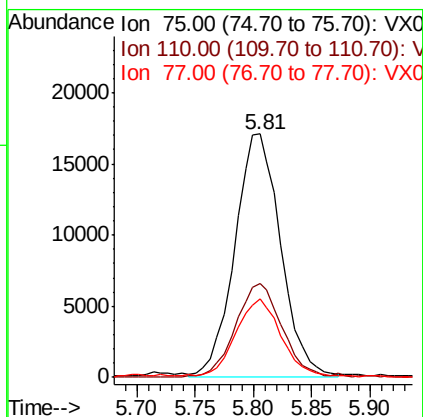
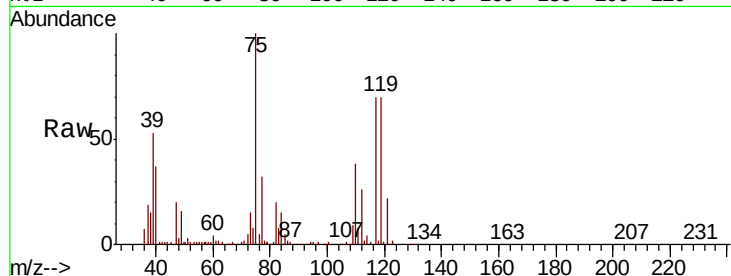
Tgt Ion: 75 Resp: 46640

Ion Ratio Lower Upper

75 100

110 39.0 0.0 80.8

77 31.6 0.0 62.4



#30

2-Butanone

Concen: 106.920 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

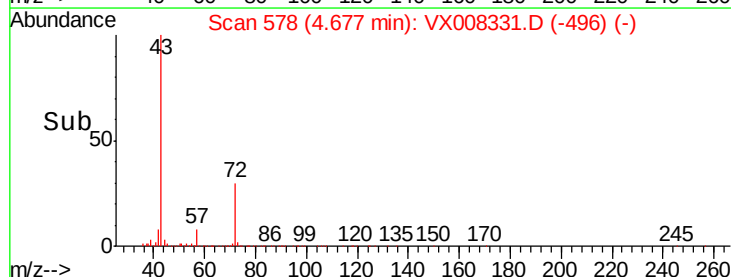
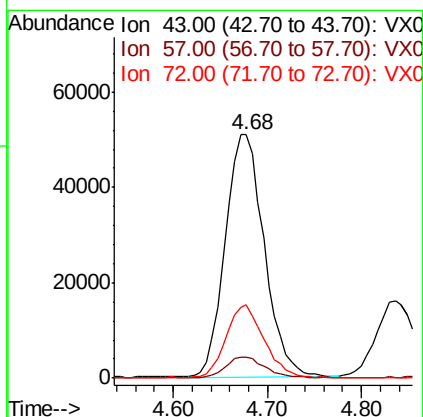
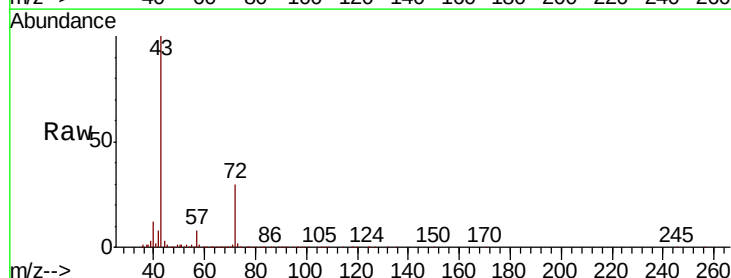
Tgt Ion: 43 Resp: 146427

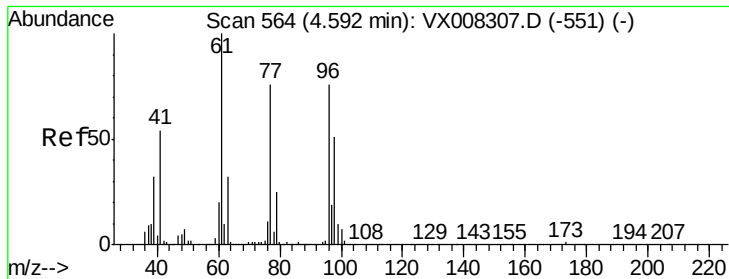
Ion Ratio Lower Upper

43 100

57 8.5 7.0 10.6

72 28.7 21.5 32.3

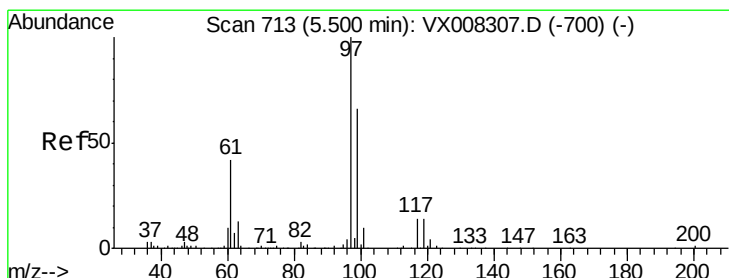
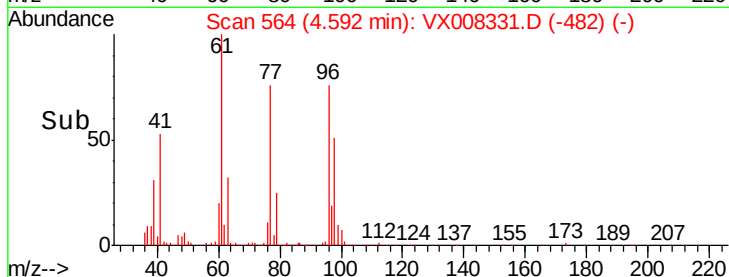
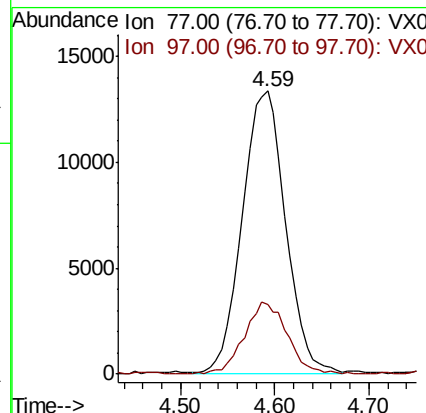
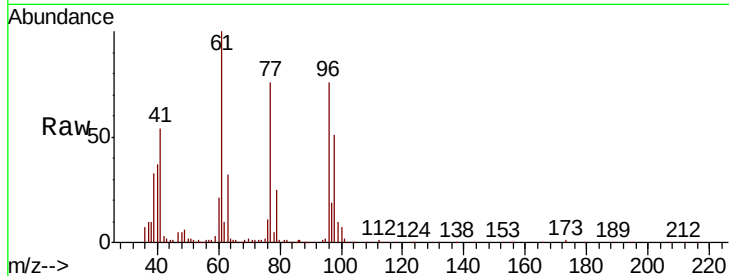




#31
 2,2-Dichloropropane
 Concen: 19.170 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

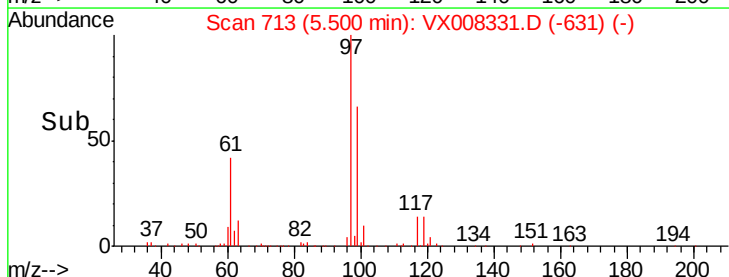
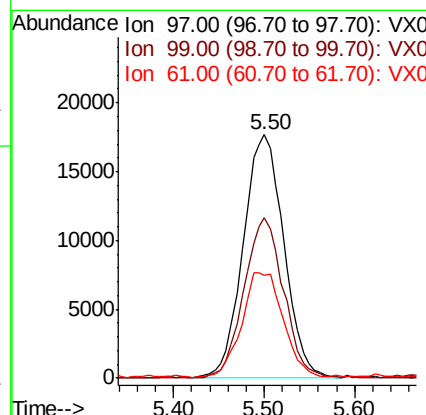
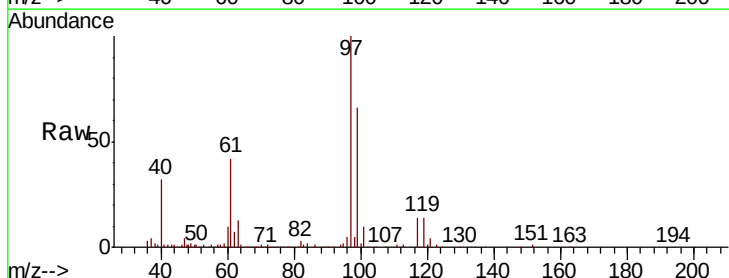
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

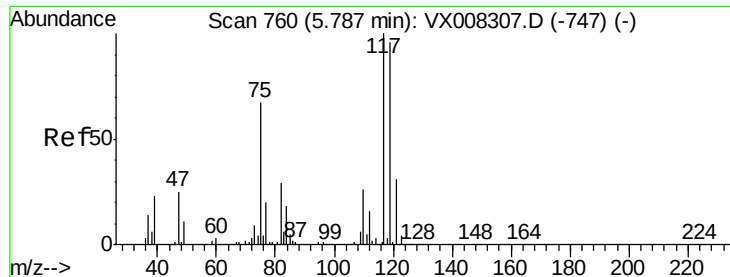
Tgt Ion: 77 Resp: 42913
 Ion Ratio Lower Upper
 77 100
 97 24.9 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 19.616 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

Tgt Ion: 97 Resp: 54878
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.7 77.5
 61 25.9 32.8 49.2#





#33

Carbon Tetrachloride

Concen: 19.520 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

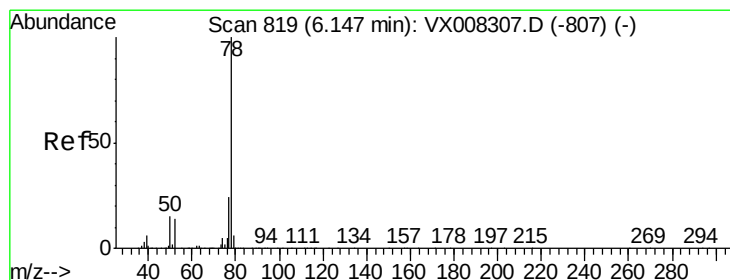
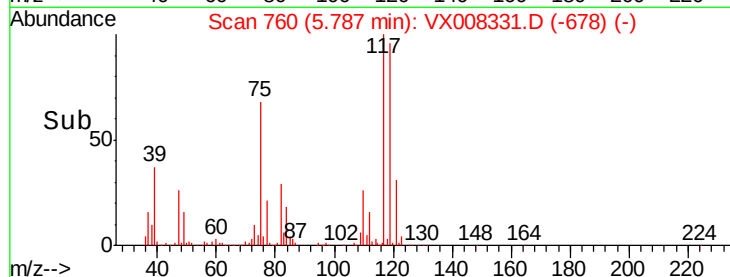
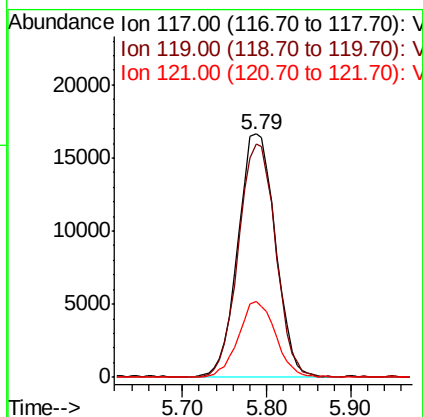
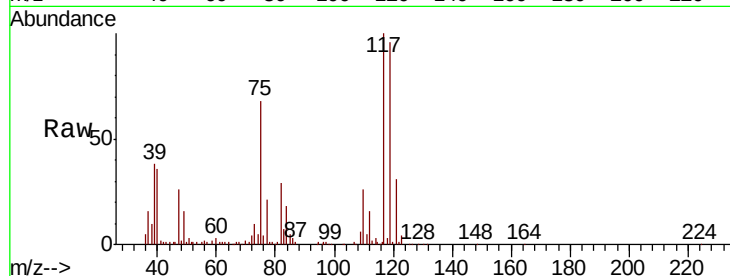
Tgt Ion:117 Resp: 50153

Ion Ratio Lower Upper

117 100

119 96.0 78.1 117.1

121 30.9 27.0 40.6



#34

Benzene

Concen: 19.936 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

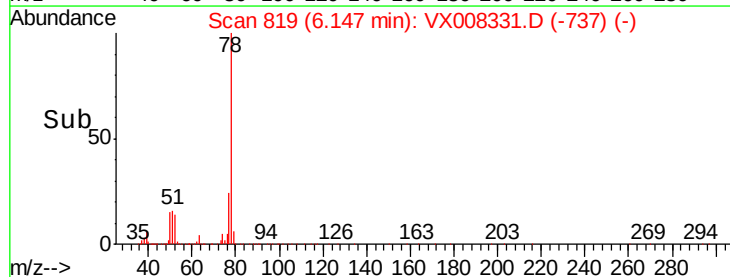
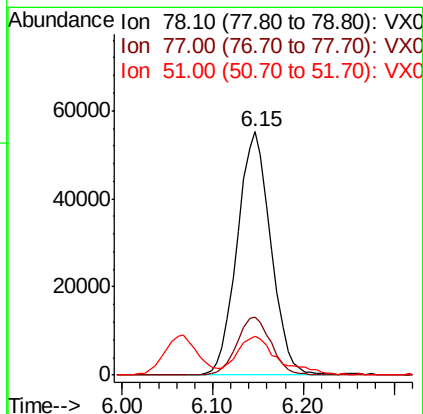
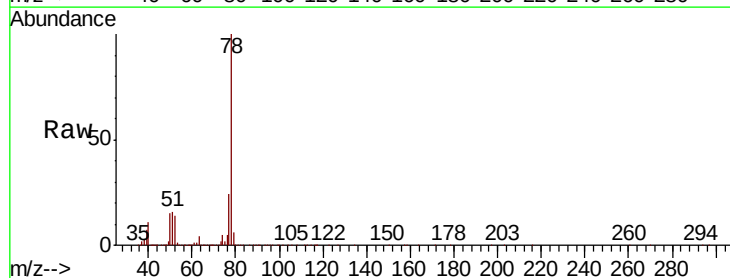
Tgt Ion: 78 Resp: 141196

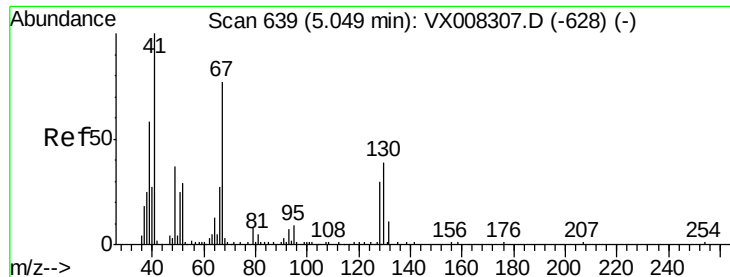
Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7

51 15.3 10.8 16.2

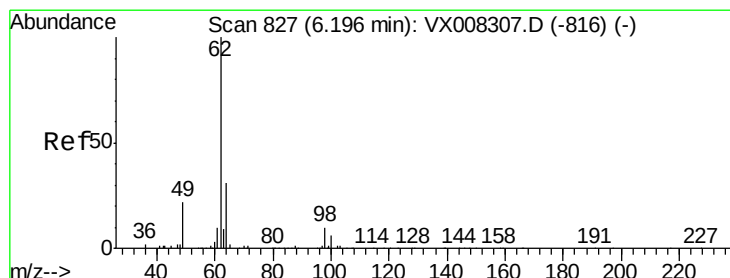
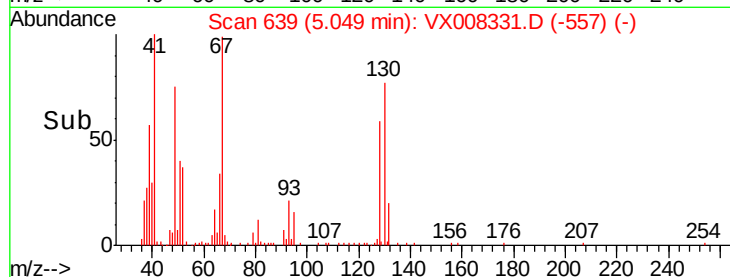
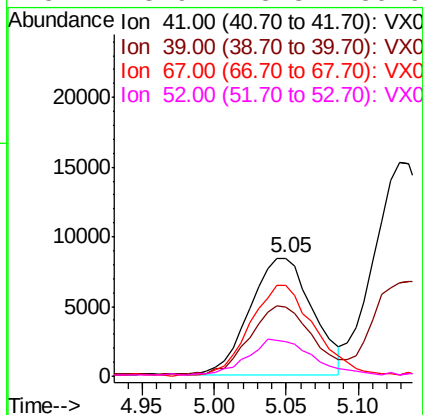
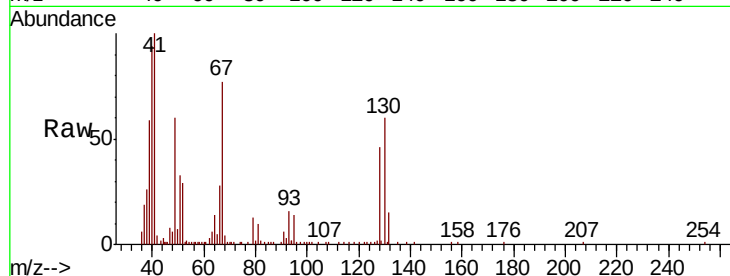




#35
Methacrylonitrile
Concen: 19.795 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

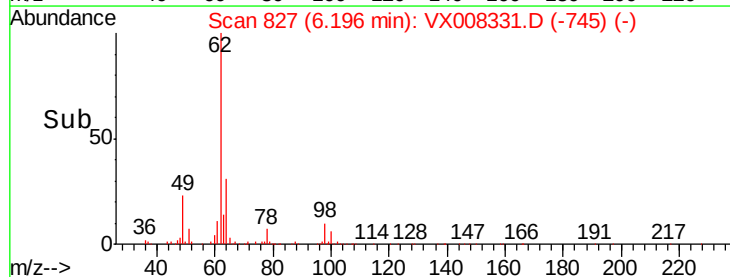
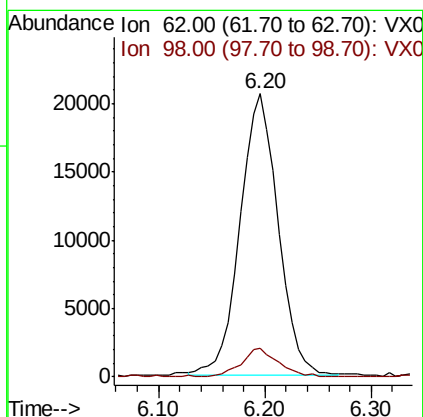
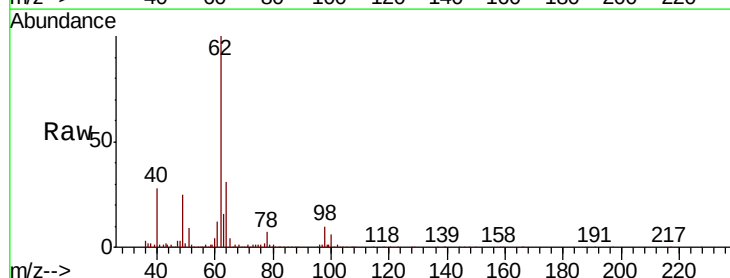
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

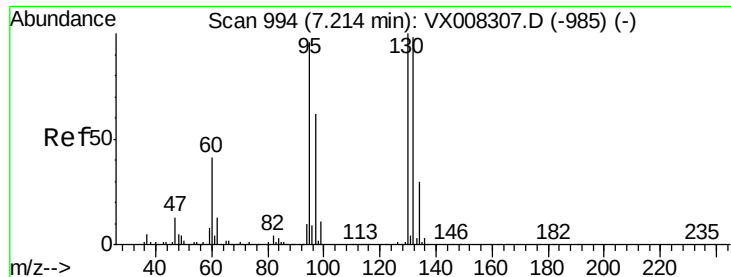
Tgt Ion:	41	Resp:	25252
Ion	Ratio	Lower	Upper
41	100		
39	58.6	27.4	82.0
67	78.2	37.9	113.6
52	28.9	13.3	39.9



#36
1,2-Dichloroethane
Concen: 19.883 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

Tgt Ion:	62	Resp:	51906
Ion	Ratio	Lower	Upper
62	100		
98	9.8	7.8	11.8





#37

Trichloroethene

Concen: 19.661 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

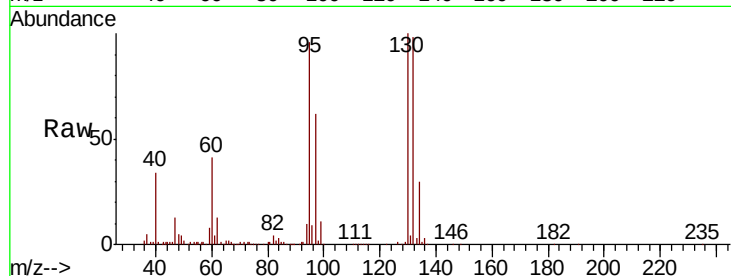
VSTDICCC020

Tgt Ion:130 Resp: 40941

Ion Ratio Lower Upper

130 100

95 96.2 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

20000

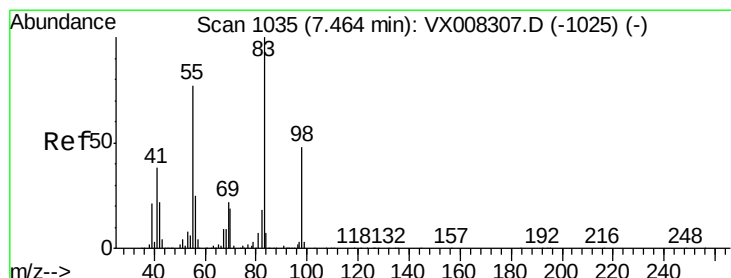
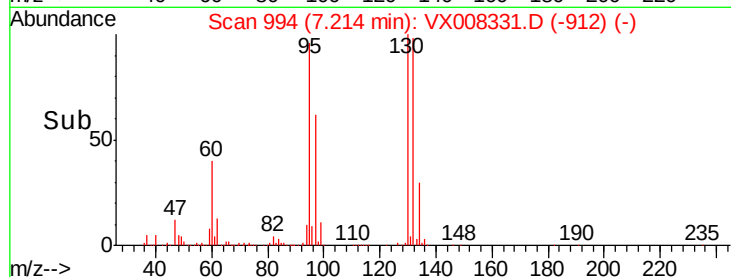
15000

10000

5000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 19.235 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

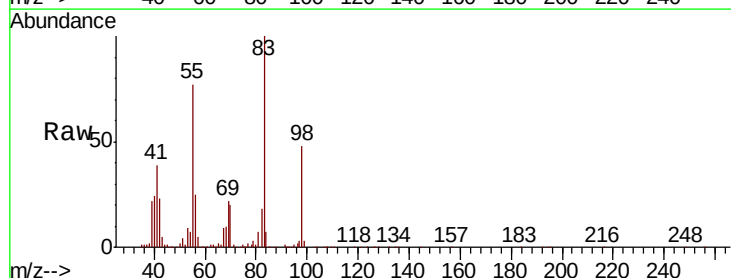
Tgt Ion: 83 Resp: 57320

Ion Ratio Lower Upper

83 100

55 74.5 36.0 108.0

98 48.8 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

7.46

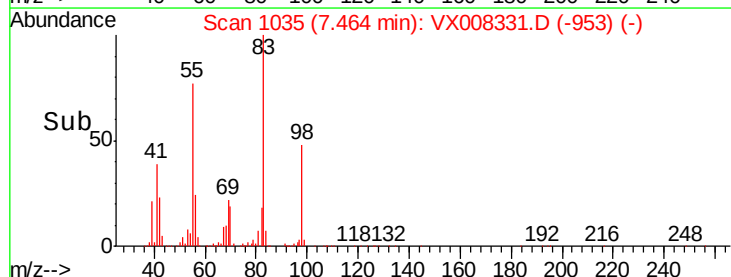
30000

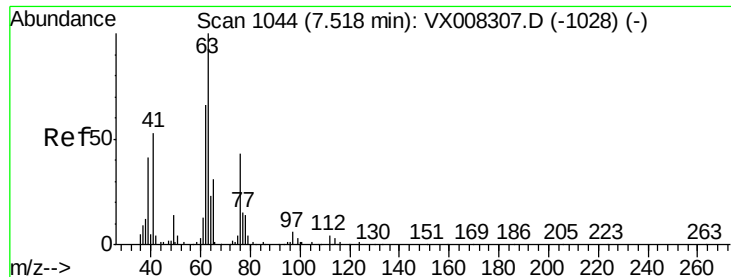
20000

10000

0

Time--> 7.40 7.50

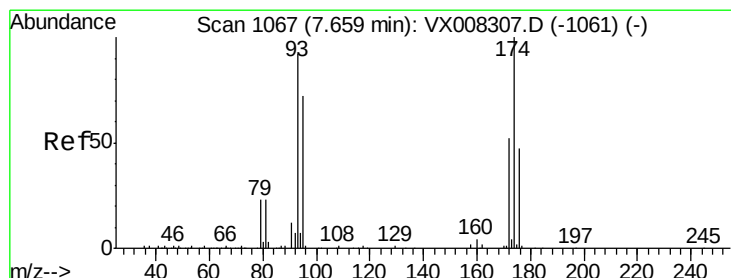
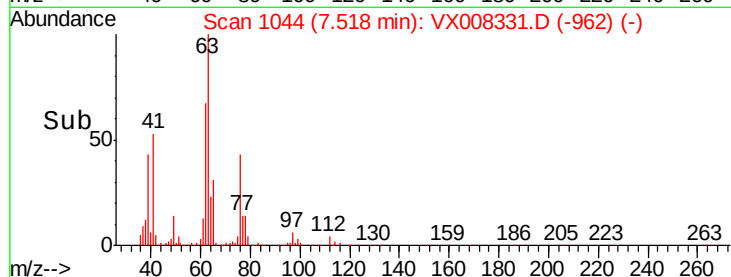
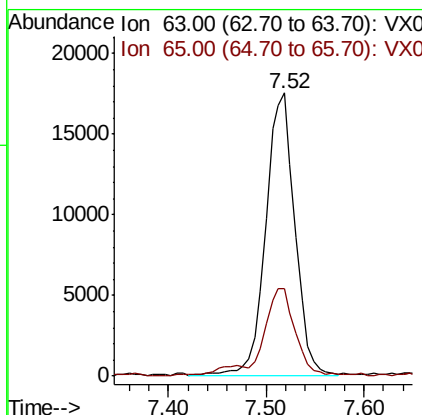
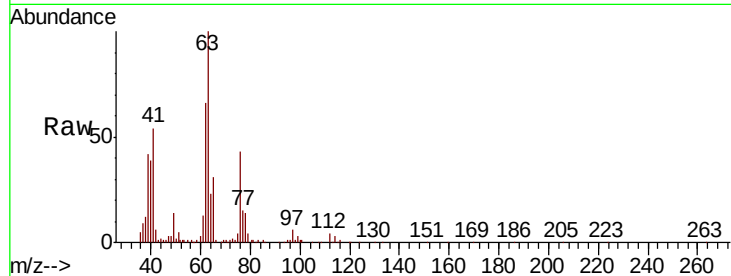




#39
 1,2-Dichloropropane
 Concen: 20.419 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

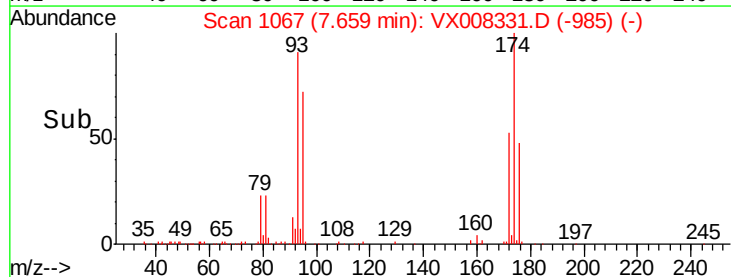
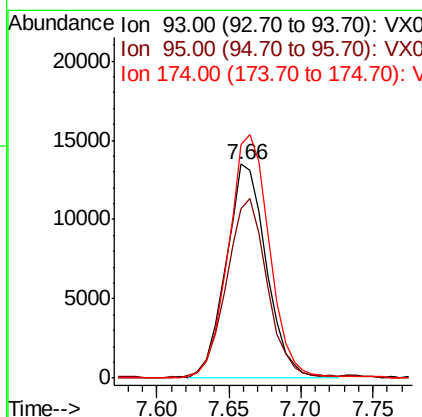
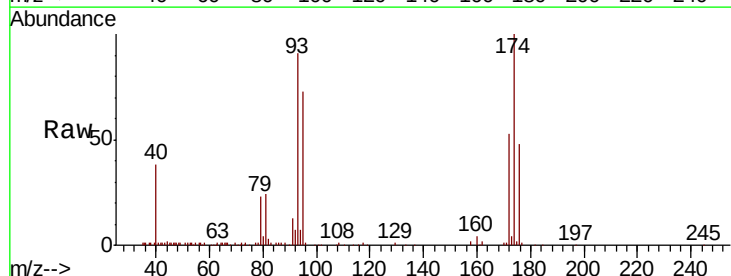
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

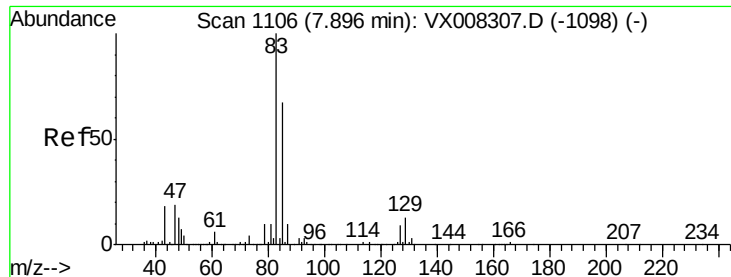
Tgt Ion: 63 Resp: 36799
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 37.0



#40
 Dibromomethane
 Concen: 19.963 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

Tgt Ion: 93 Resp: 26386
 Ion Ratio Lower Upper
 93 100
 95 83.0 0.0 158.8
 174 115.2 0.0 224.2





#41

Bromodichloromethane

Concen: 19.685 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

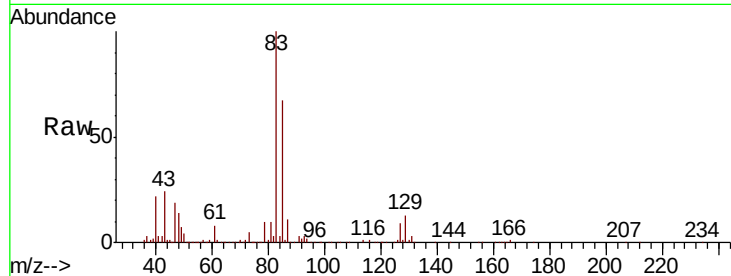
Tgt Ion: 83 Resp: 49371

Ion Ratio Lower Upper

83 100

85 67.0 51.1 76.7

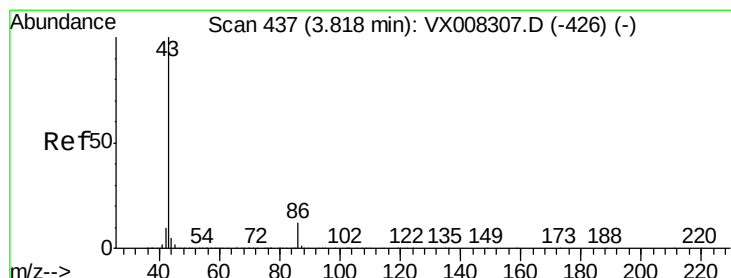
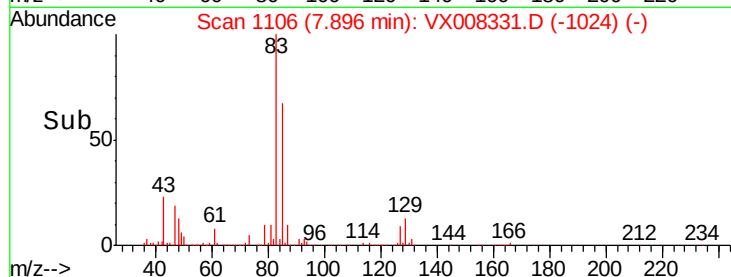
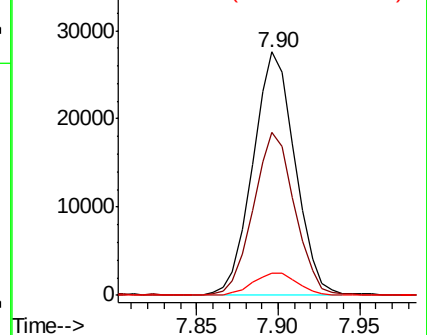
127 9.3 7.2 10.8



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: 98.593 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008331.D

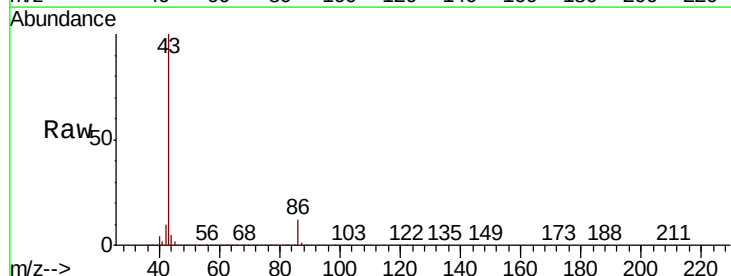
Acq: 22 Mar 2019 11:23

Tgt Ion: 43 Resp: 453828

Ion Ratio Lower Upper

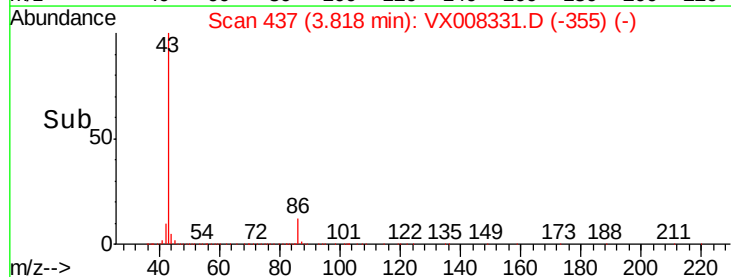
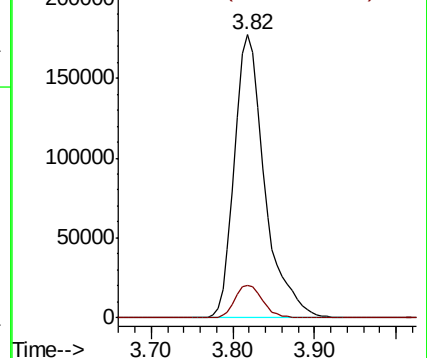
43 100

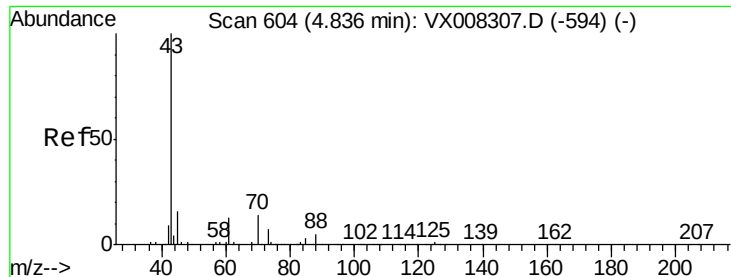
86 10.7 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

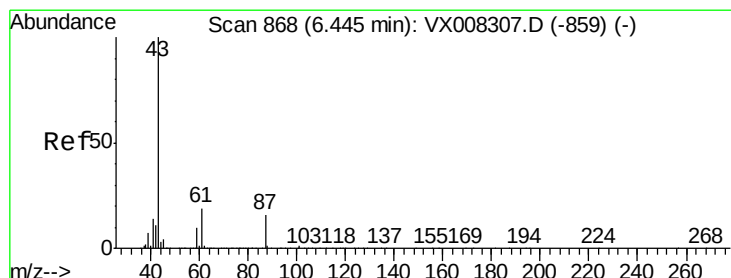
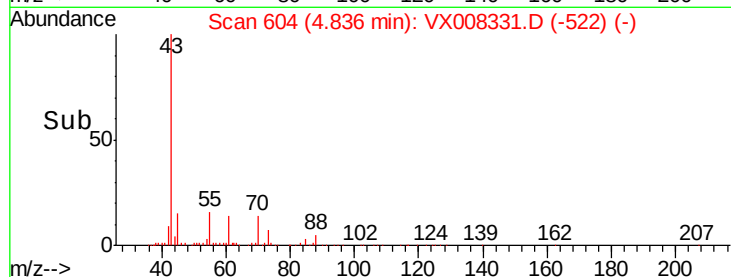
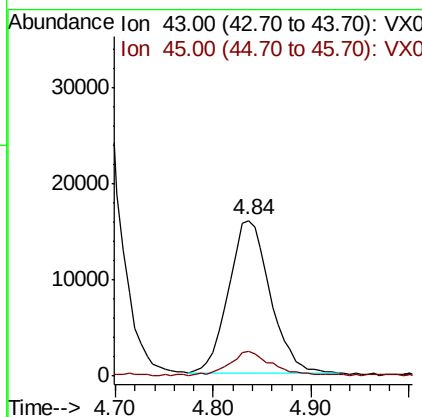
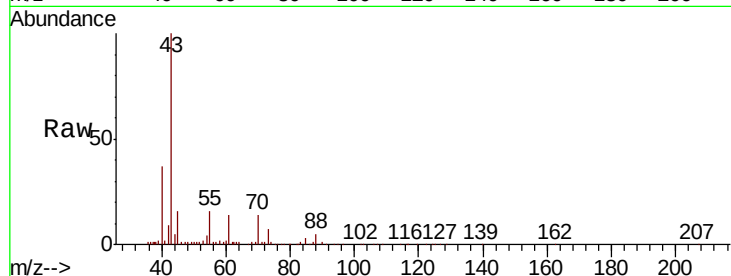




#43
Ethyl Acetate
Concen: 19.531 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

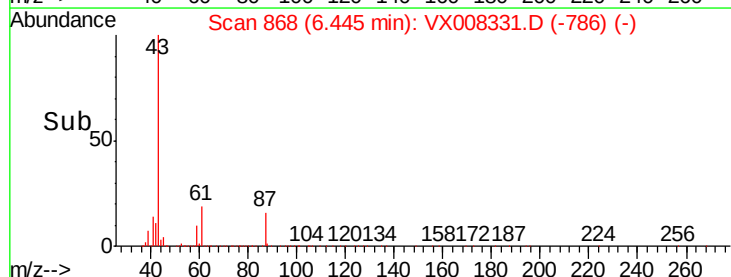
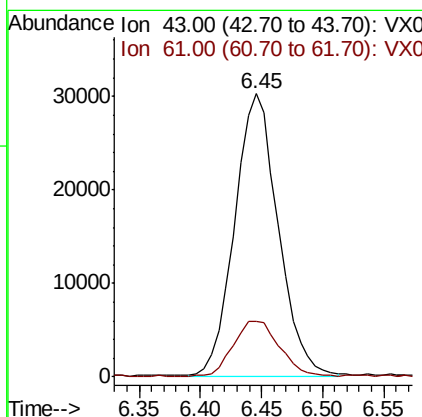
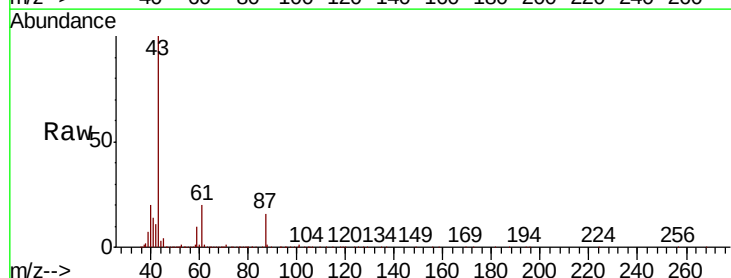
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

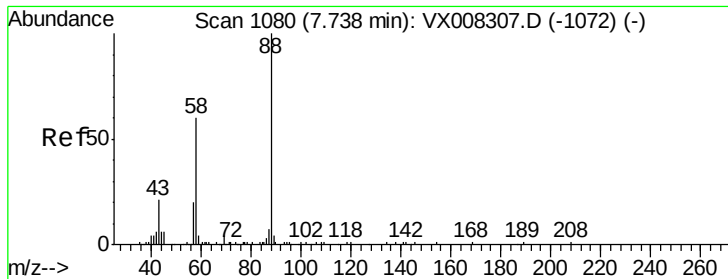
Tgt Ion: 43 Resp: 47240
Ion Ratio Lower Upper
43 100
45 14.8 6.9 10.3#



#44
Isopropyl Acetate
Concen: 19.564 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

Tgt Ion: 43 Resp: 74430
Ion Ratio Lower Upper
43 100
61 21.3 16.1 24.1





#45

1,4-Dioxane

Concen: 411.284 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

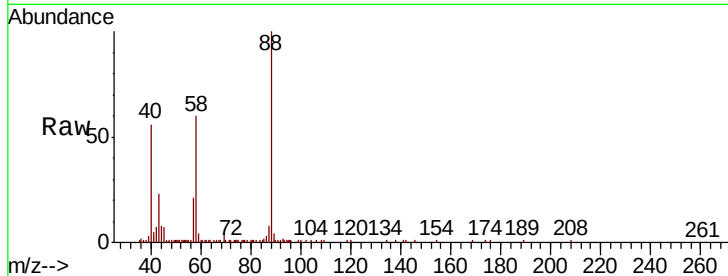
Tgt Ion: 88 Resp: 19680

Ion Ratio Lower Upper

88 100

43 28.6 23.6 35.4

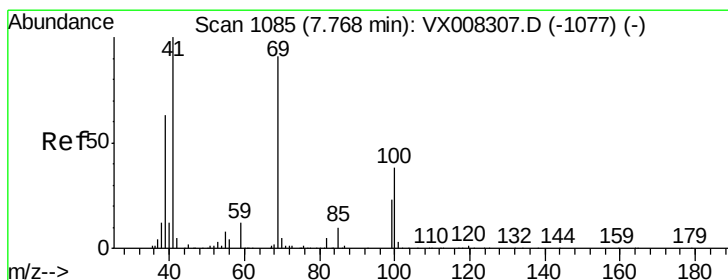
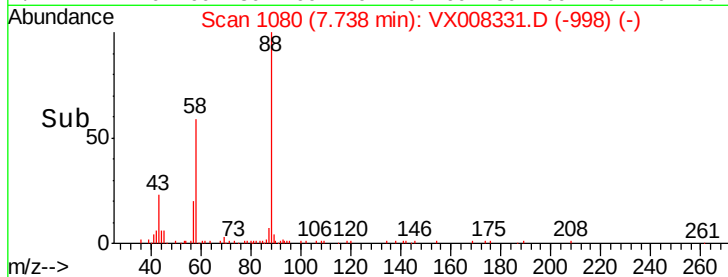
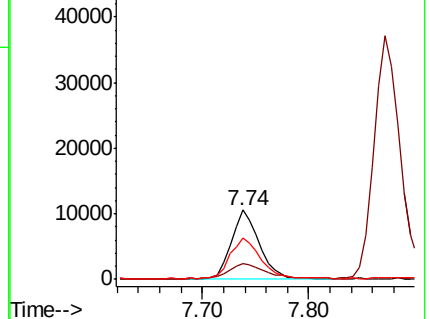
58 64.1 51.6 77.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.557 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

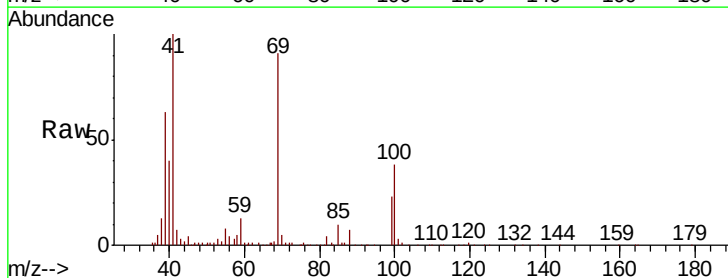
Tgt Ion: 41 Resp: 36507

Ion Ratio Lower Upper

41 100

69 91.0 44.2 132.6

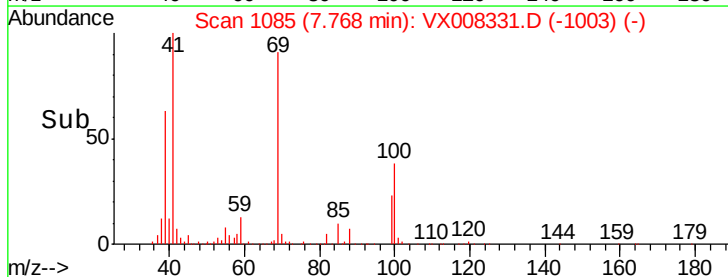
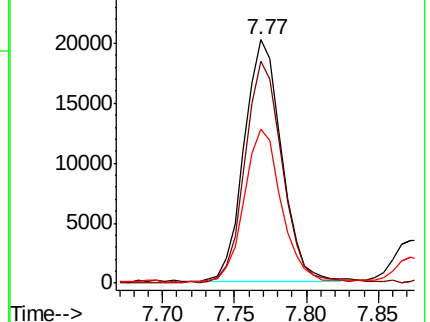
39 63.1 29.9 89.8

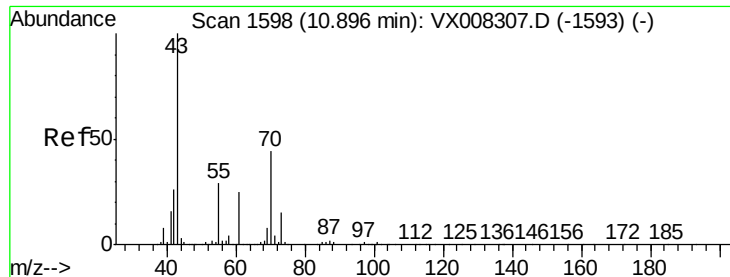


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amyI Acetate

Concen: 18.794 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

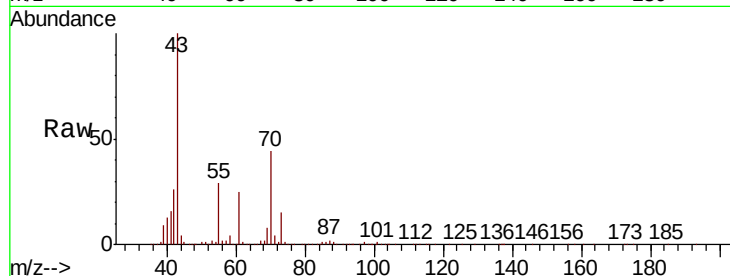
VSTDICCC020

Tgt Ion: 43 Resp: 61301

Ion Ratio Lower Upper

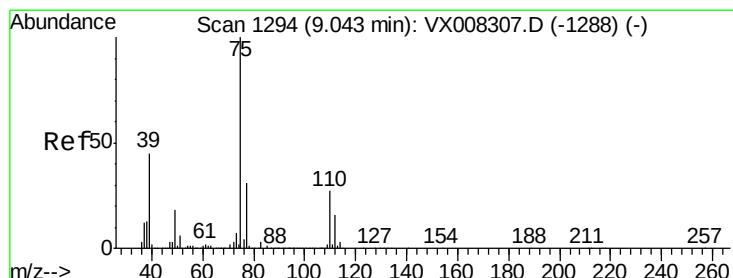
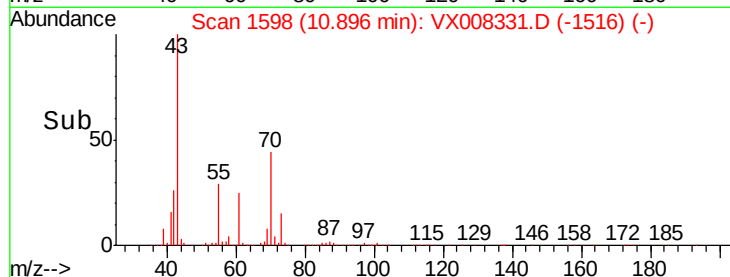
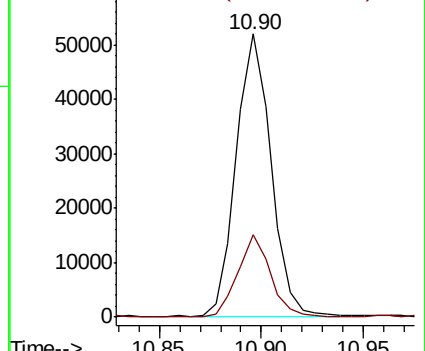
43 100

55 28.0 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.708 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008331.D

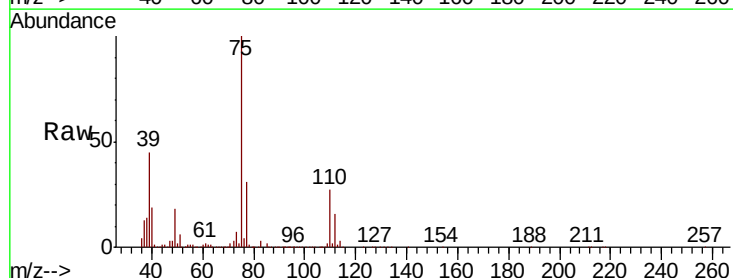
Acq: 22 Mar 2019 11:23

Tgt Ion: 75 Resp: 46979

Ion Ratio Lower Upper

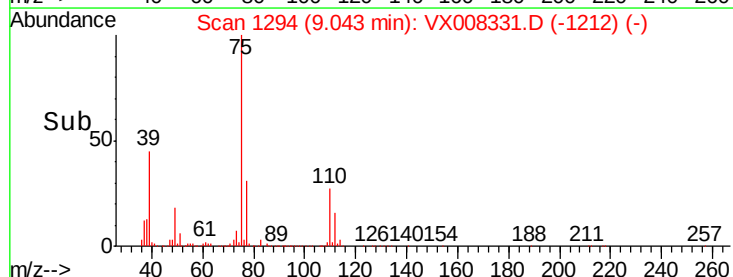
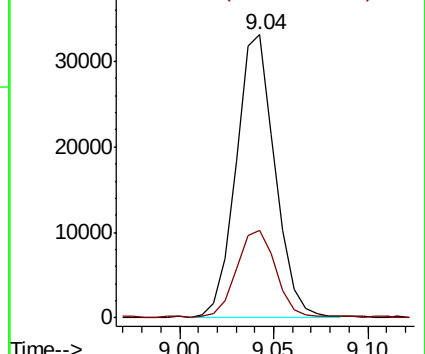
75 100

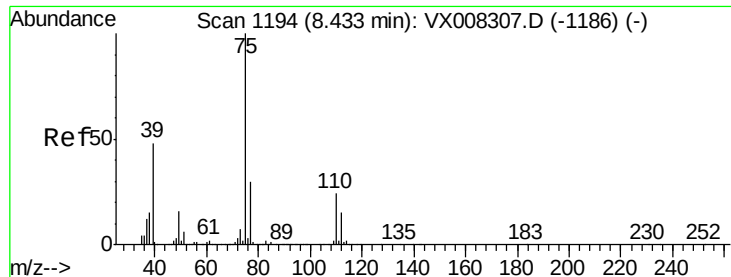
77 30.9 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



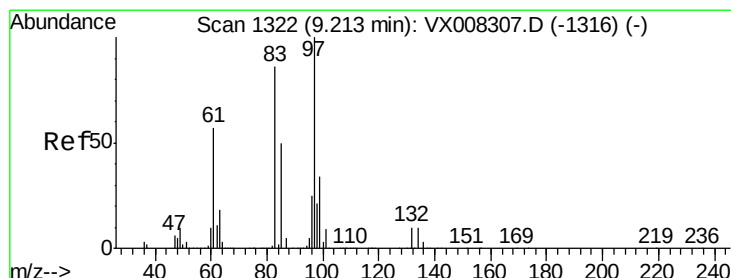
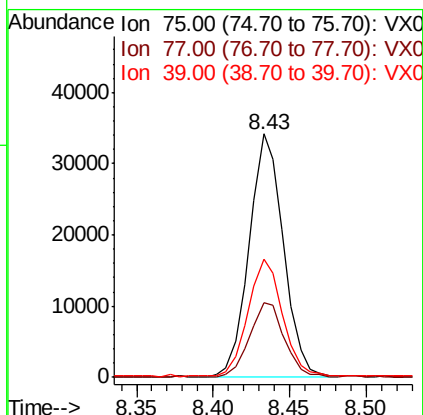
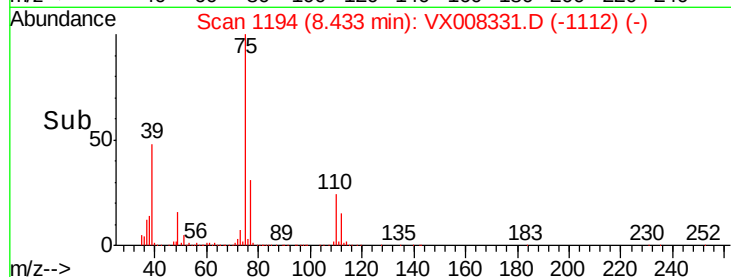
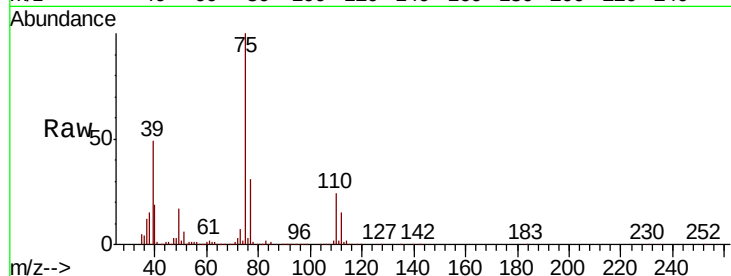


#49

cis-1,3-Dichloropropene
Concen: 19.141 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

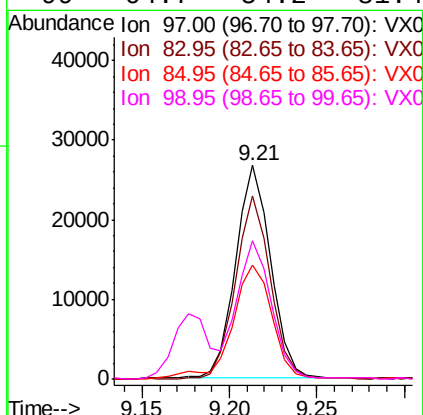
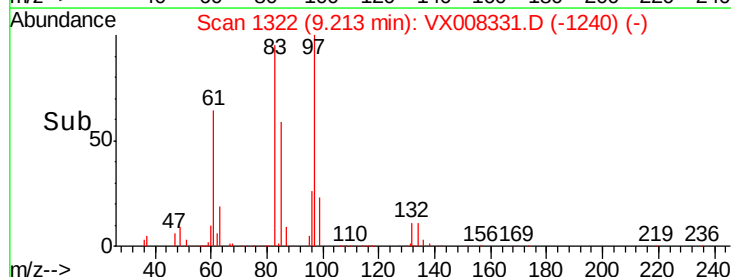
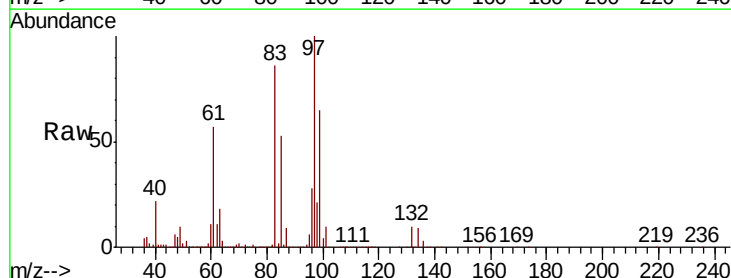
Tgt Ion:	75	Resp:	53634
Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.0	37.4
39	48.3	38.5	57.7

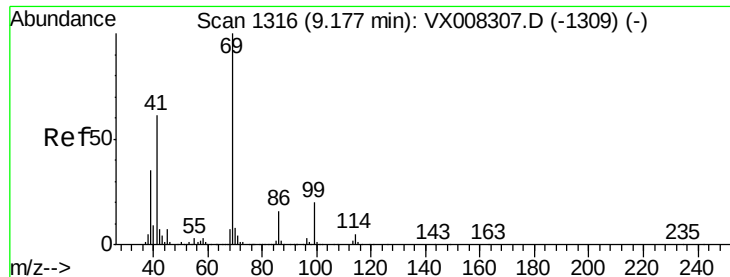


#50

1,1,2-Trichloroethane
Concen: 19.589 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

Tgt Ion:	97	Resp:	37196
Ion	Ratio	Lower	Upper
97	100		
83	85.6	72.0	108.0
85	53.3	45.0	67.6
99	64.7	54.2	81.4





#51

Ethyl methacrylate

Concen: 19.798 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

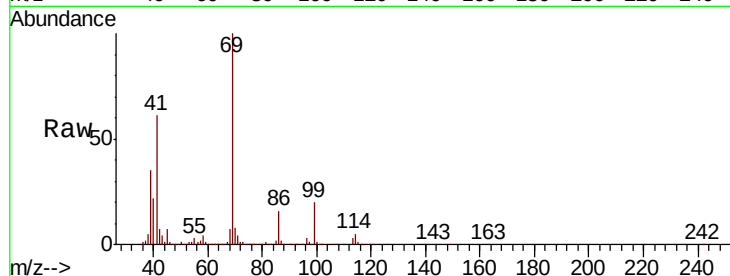
Tgt Ion: 69 Resp: 54885

Ion Ratio Lower Upper

69 100

41 60.9 32.1 96.5

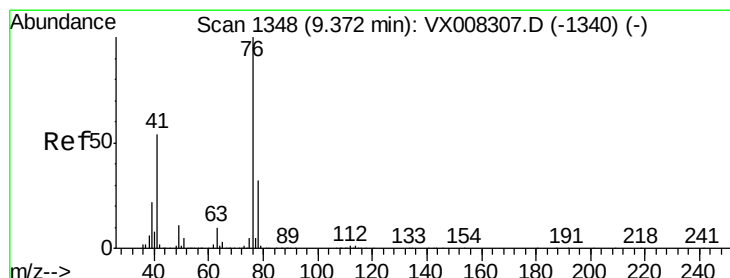
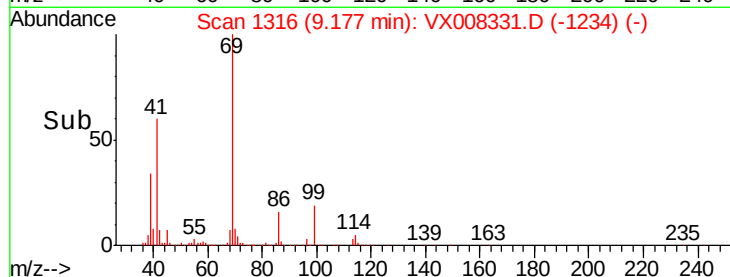
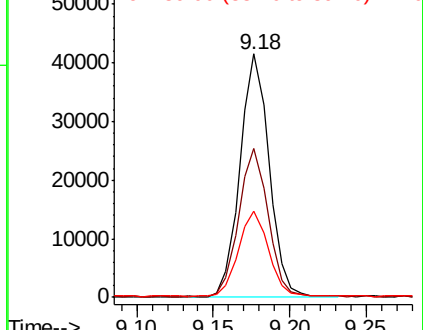
39 35.5 18.8 56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.031 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008331.D

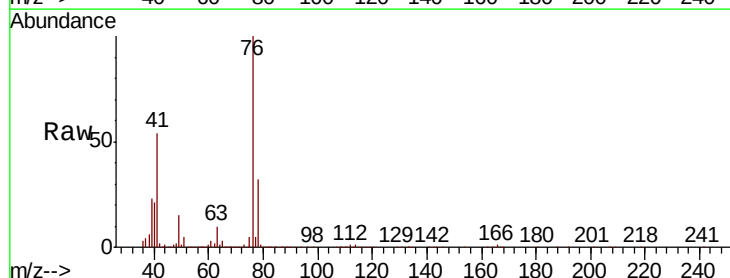
Acq: 22 Mar 2019 11:23

Tgt Ion: 76 Resp: 61002

Ion Ratio Lower Upper

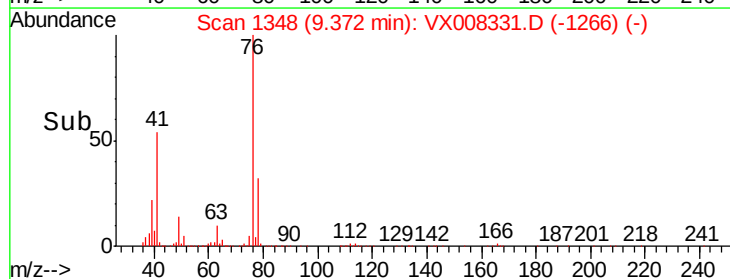
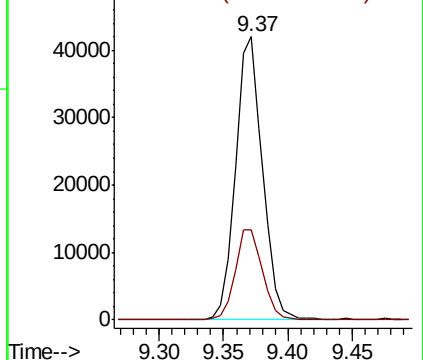
76 100

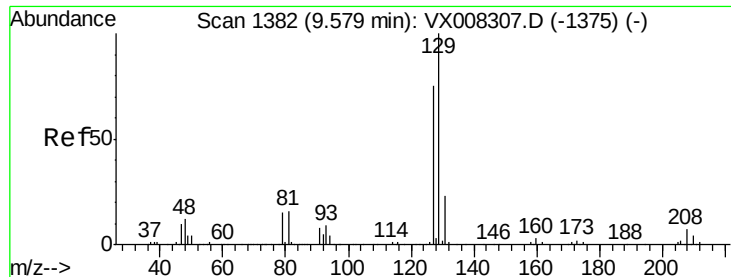
78 32.5 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

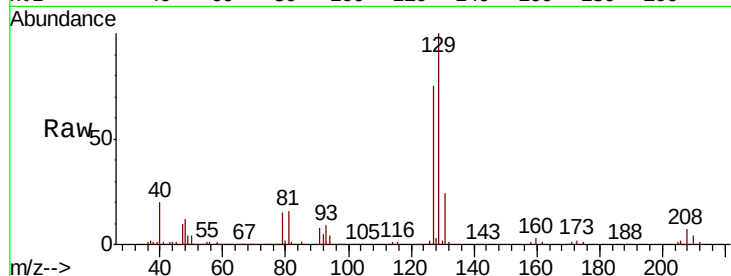




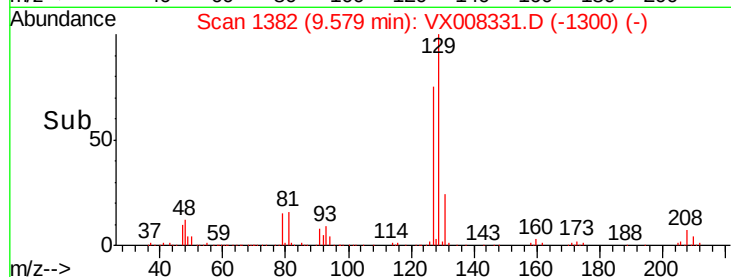
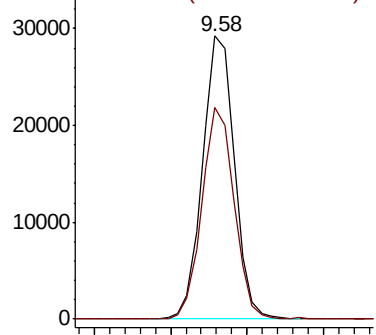
#53
 Dibromochloromethane
 Concen: 19.752 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

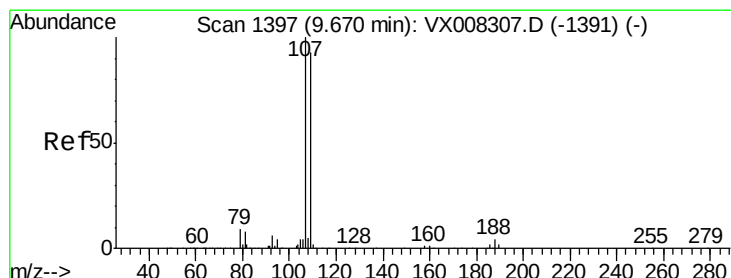
Tgt Ion:129 Resp: 42279
 Ion Ratio Lower Upper
 129 100
 127 75.4 38.4 115.2



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

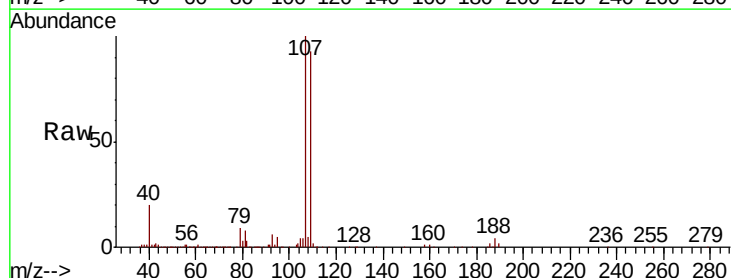


Time-->

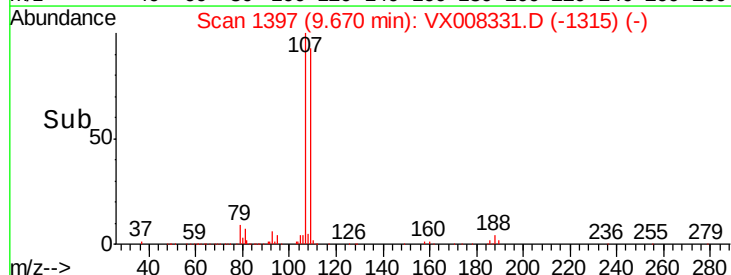
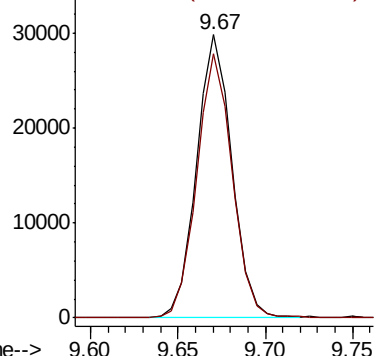


#54
 1,2-Dibromoethane
 Concen: 20.045 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

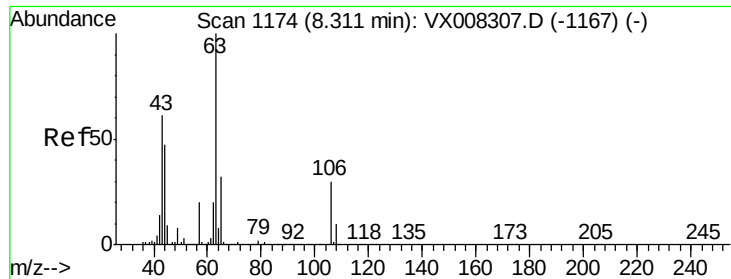
Tgt Ion:107 Resp: 41761
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V



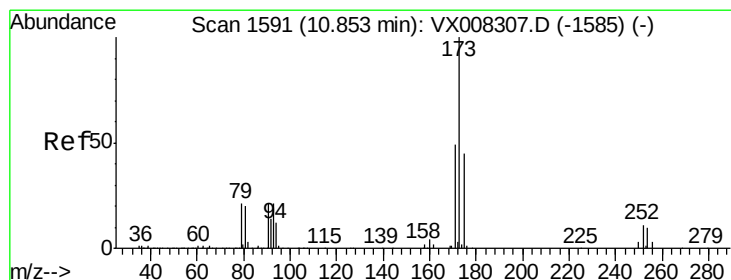
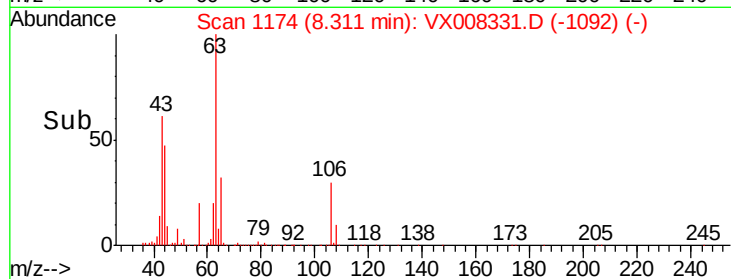
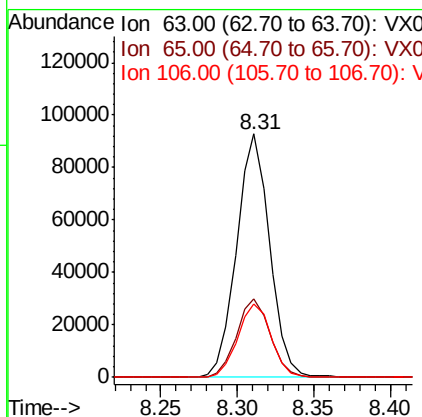
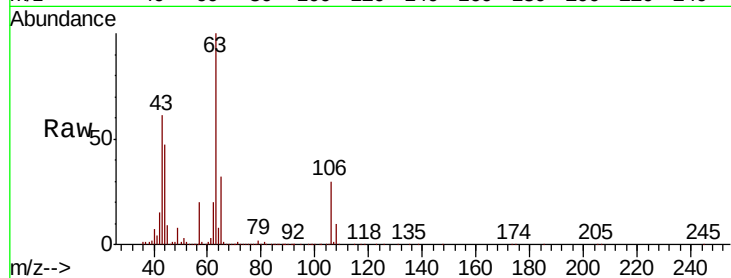
Time-->



#55
 2-Chloroethyl vinyl ether
 Concen: 99.475 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

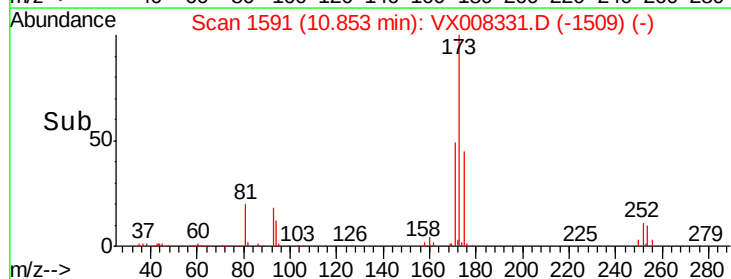
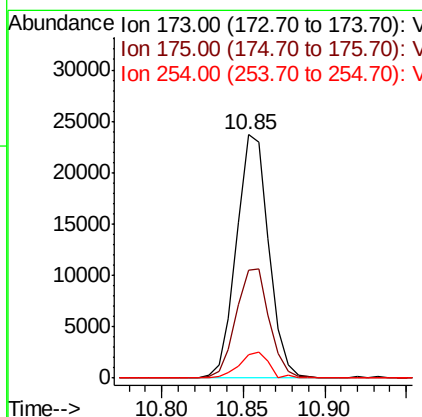
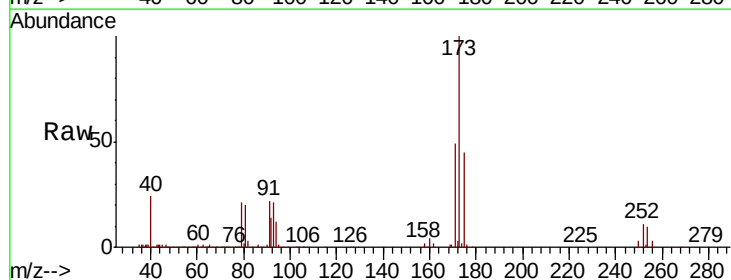
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

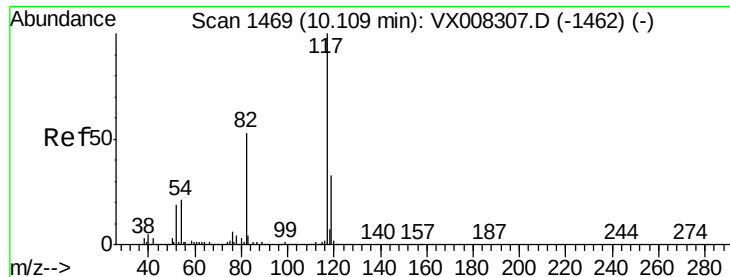
Tgt Ion: 63 Resp: 138740
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.7 38.5
 106 30.8 23.7 35.5



#56
 Bromoform
 Concen: 19.299 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

Tgt Ion: 173 Resp: 32613
 Ion Ratio Lower Upper
 173 100
 175 47.0 38.5 57.7
 254 9.3 7.4 11.2

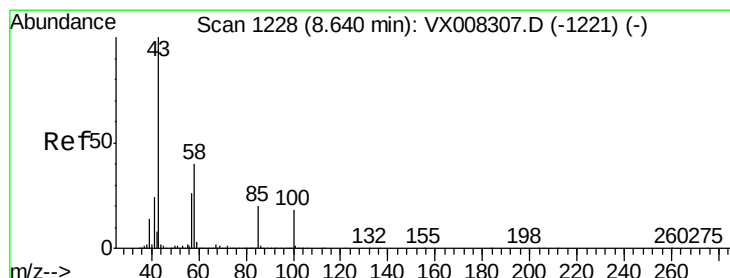
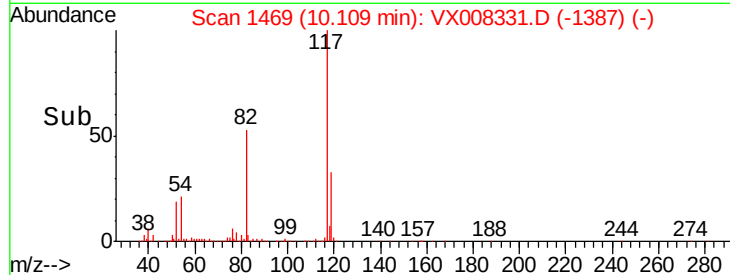
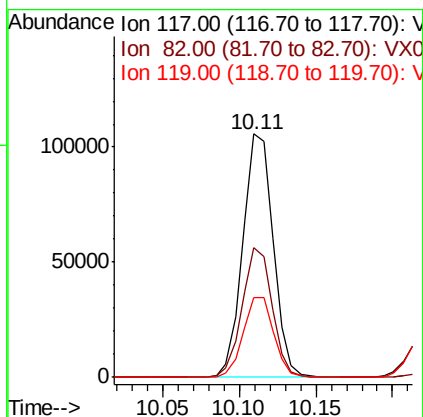
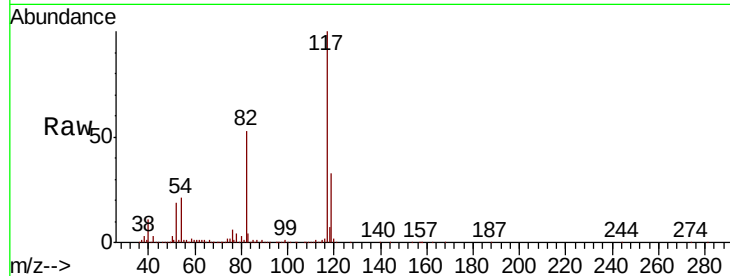




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

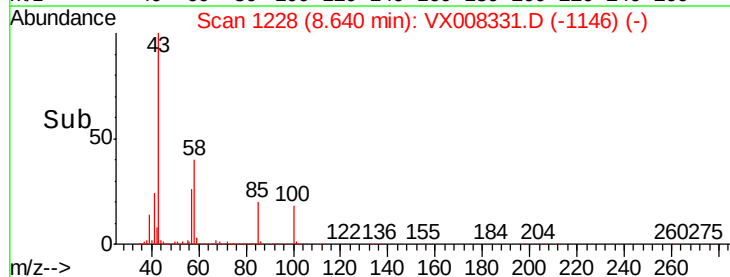
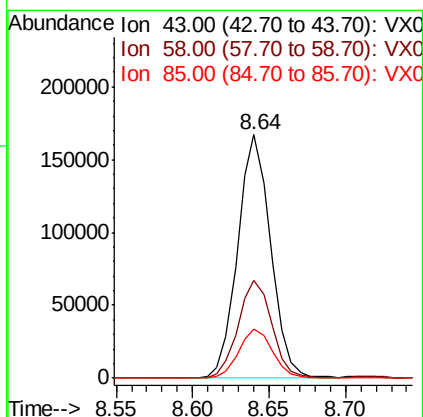
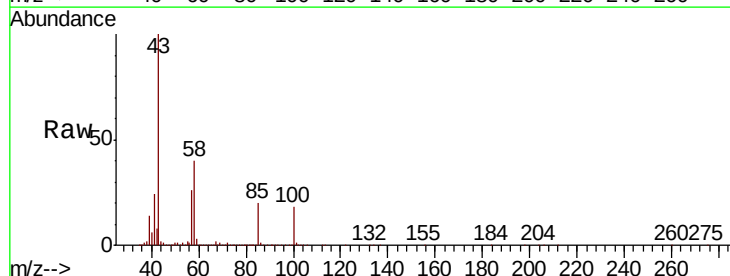
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

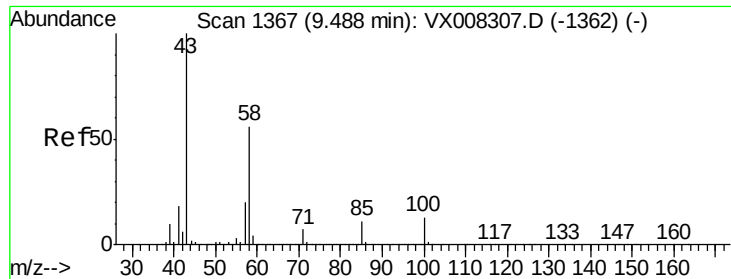
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	40.4	60.6
119	33.2	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 100.949 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.0	31.4	47.0
85	20.8	15.0	22.6

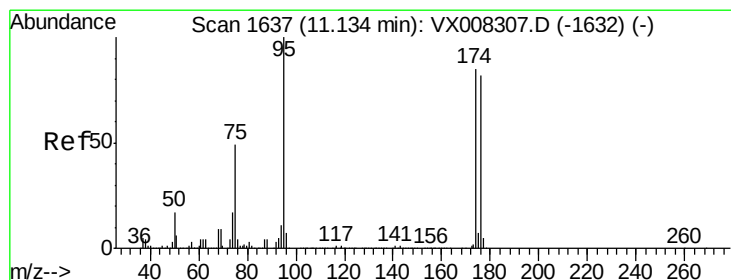
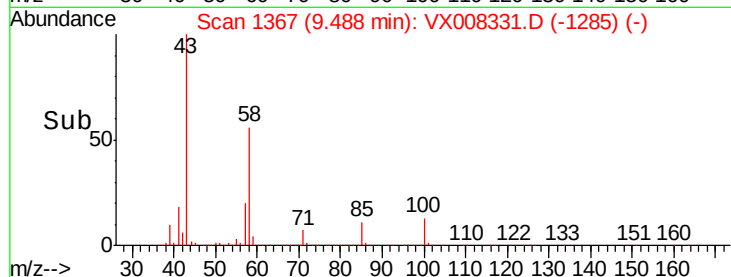
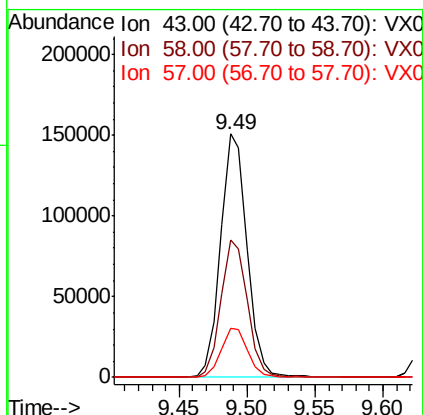
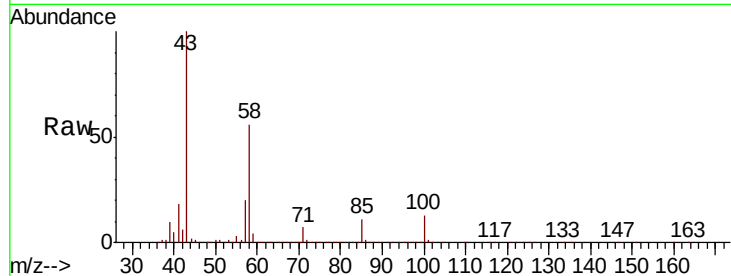




#59
2-Hexanone
Concen: 104.227 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

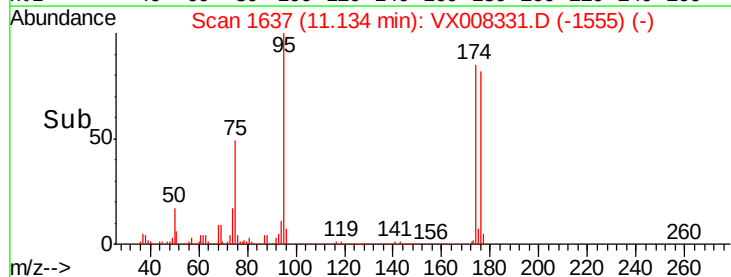
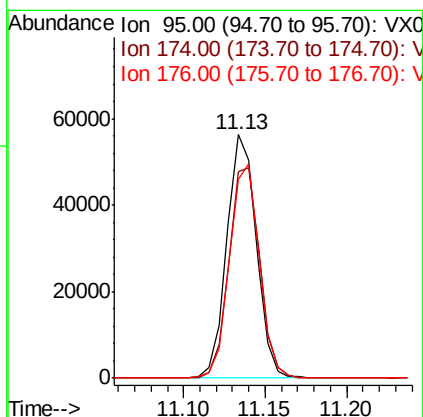
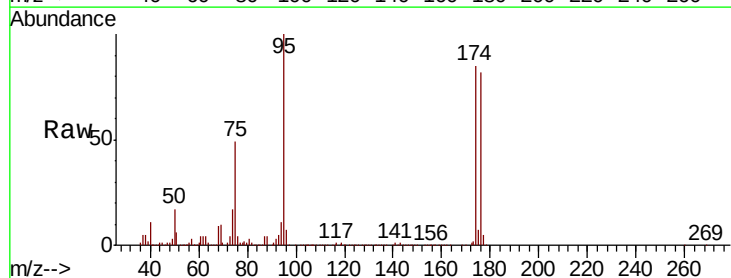
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

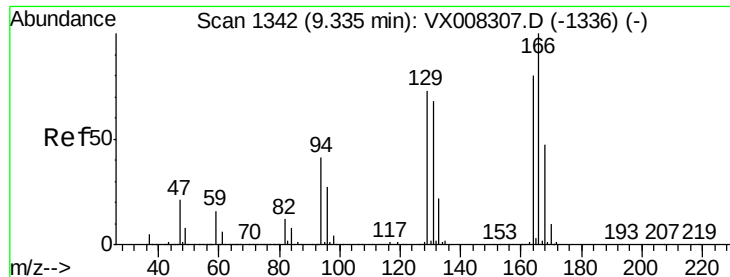
Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.2	43.9	65.9
57	19.8	14.9	22.3



#60
4-Bromofluorobenzene
Concen: 29.832 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.2	74.9	112.3
176	88.6	70.7	106.1

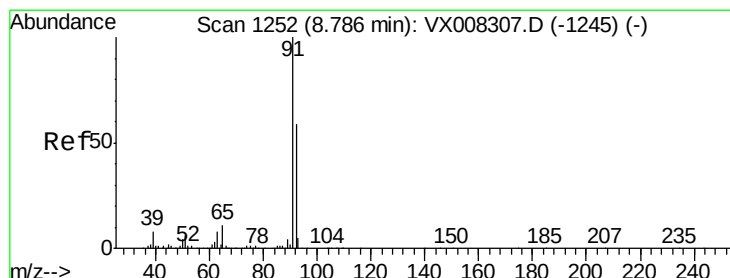
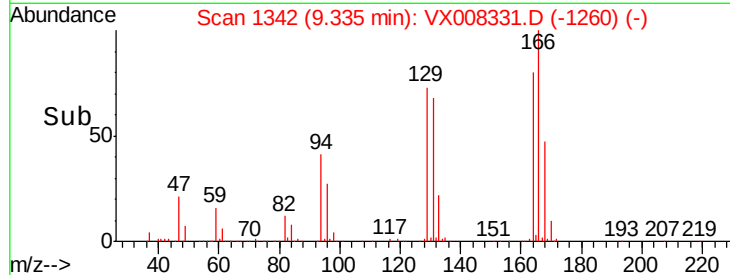
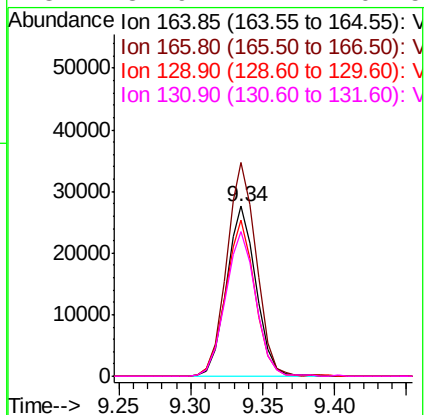
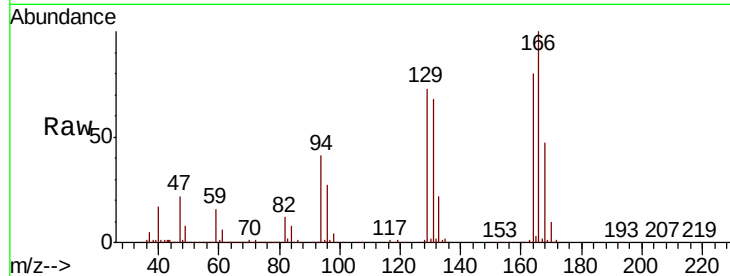




#61
Tetrachloroethene
Concen: 20.166 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

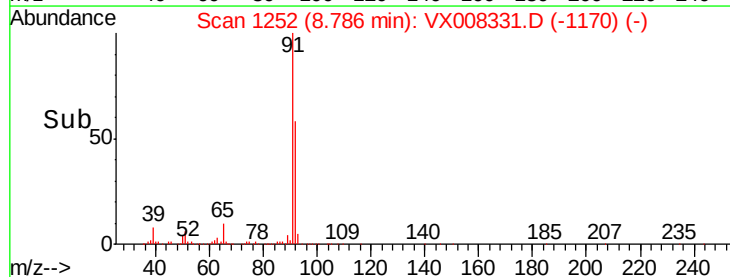
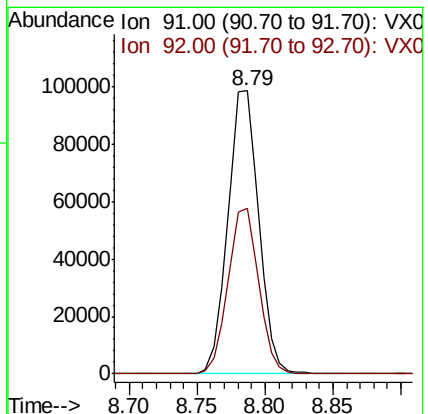
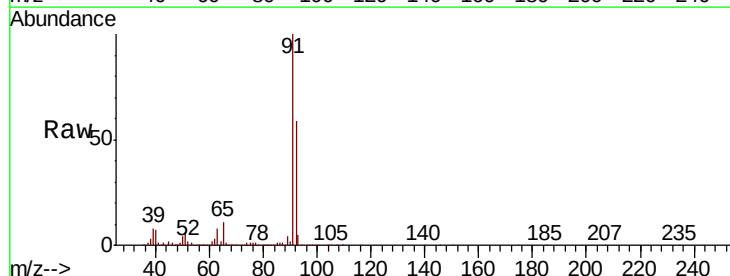
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

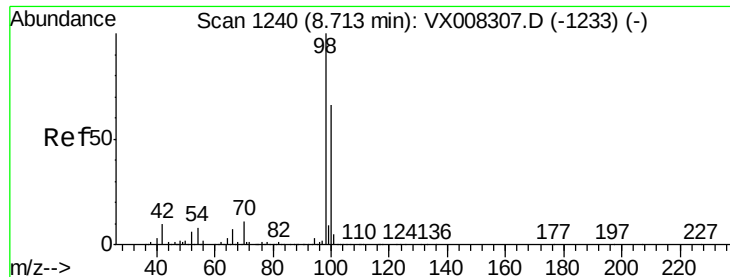
Tgt Ion:164 Resp: 39684
Ion Ratio Lower Upper
164 100
166 125.5 103.9 155.9
129 91.9 74.7 112.1
131 84.9 71.7 107.5



#62
Toluene
Concen: 20.057 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

Tgt Ion: 91 Resp: 155638
Ion Ratio Lower Upper
91 100
92 57.9 46.4 69.6





#63

Toluene-d8

Concen: 30.102 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

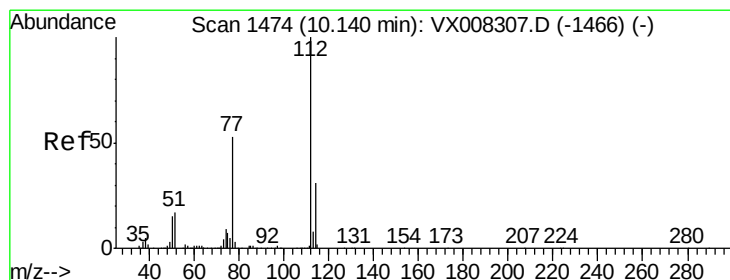
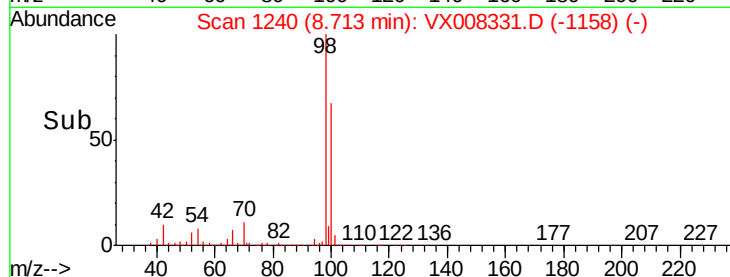
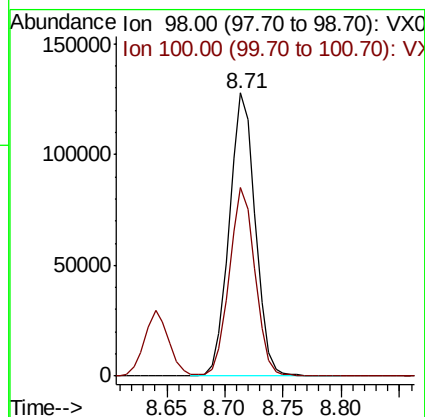
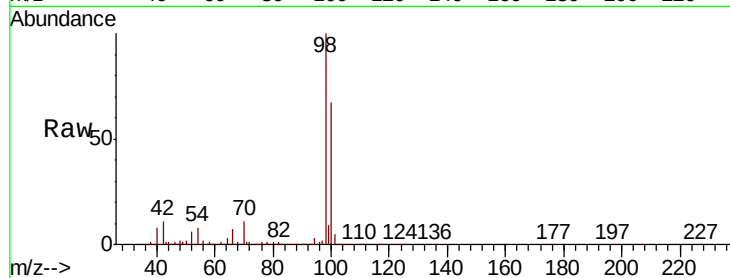
VSTDICCC020

Tgt Ion: 98 Resp: 198267

Ion Ratio Lower Upper

98 100

100 66.3 50.9 76.3



#64

Chlorobenzene

Concen: 19.652 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX008331.D

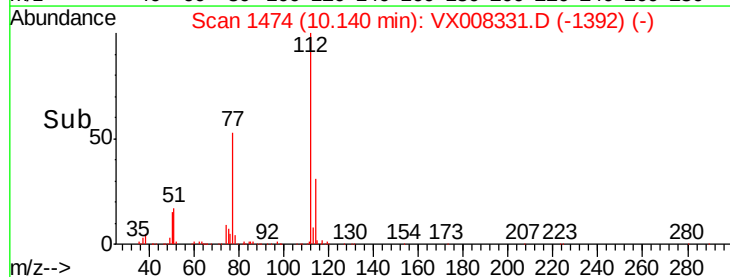
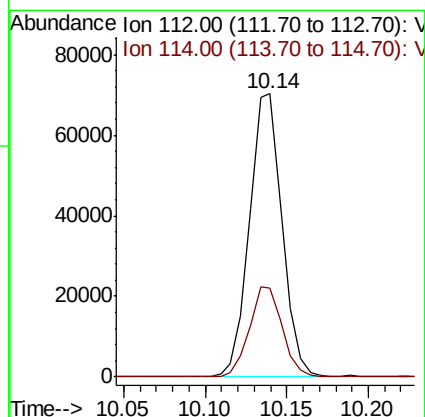
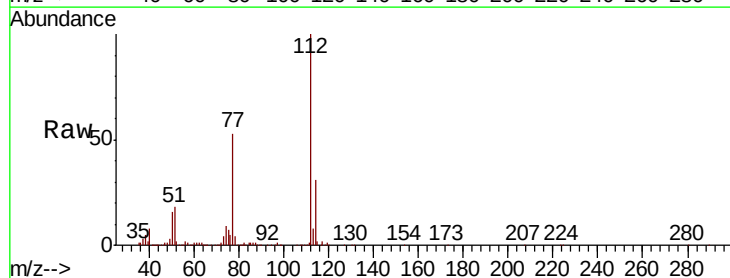
Acq: 22 Mar 2019 11:23

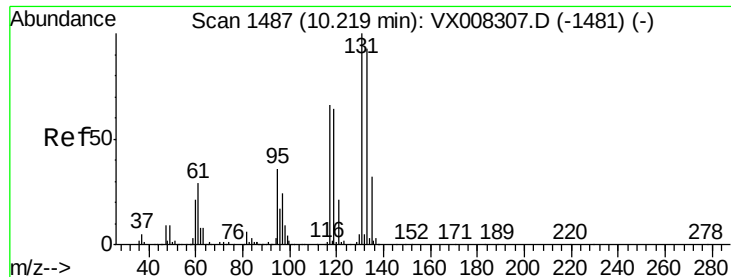
Tgt Ion: 112 Resp: 98309

Ion Ratio Lower Upper

112 100

114 31.4 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.763 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

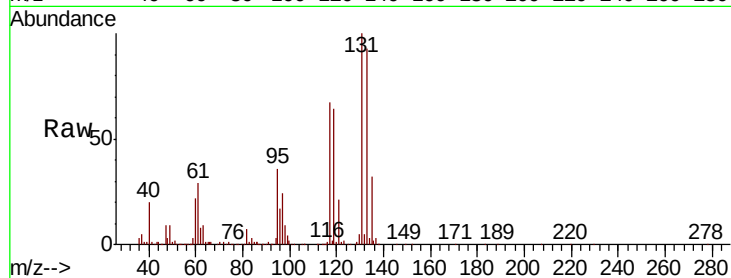
Tgt Ion: 131 Resp: 37759

Ion Ratio Lower Upper

131 100

133 95.3 0.0 191.6

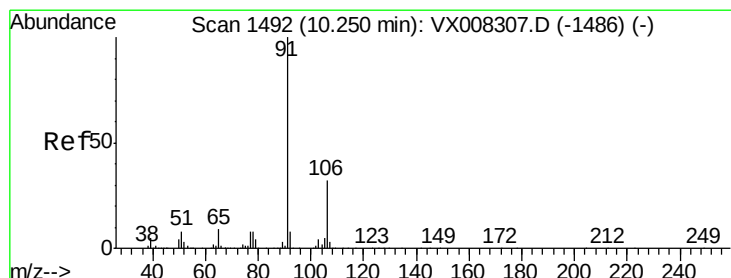
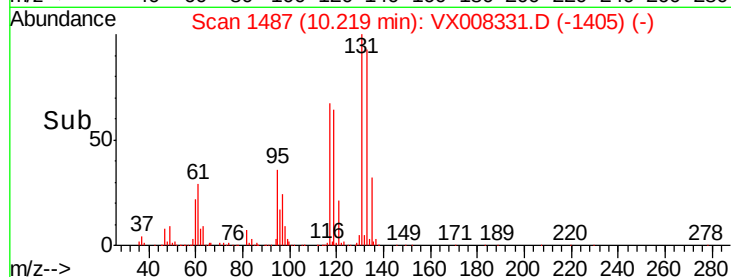
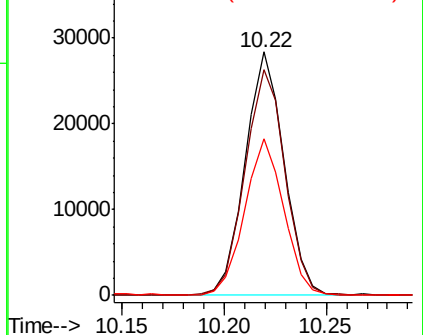
119 64.5 0.0 127.4



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: 19.777 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008331.D

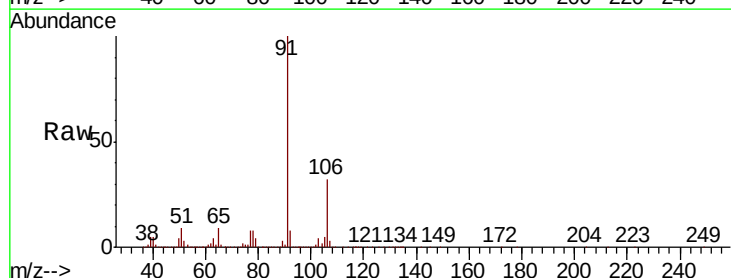
Acq: 22 Mar 2019 11:23

Tgt Ion: 91 Resp: 165970

Ion Ratio Lower Upper

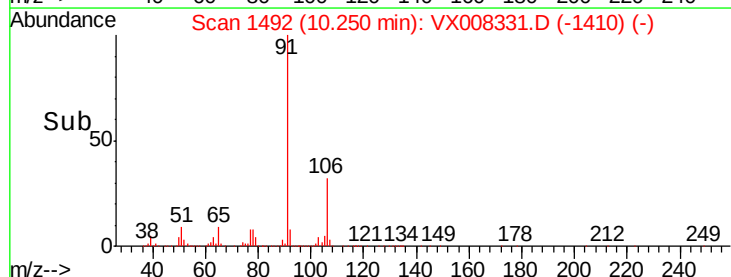
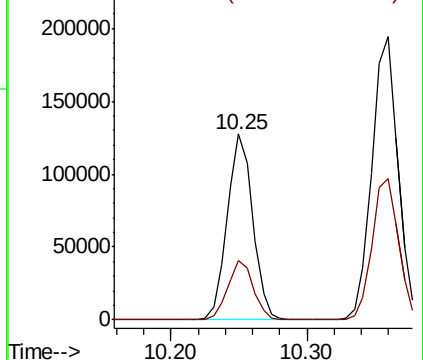
91 100

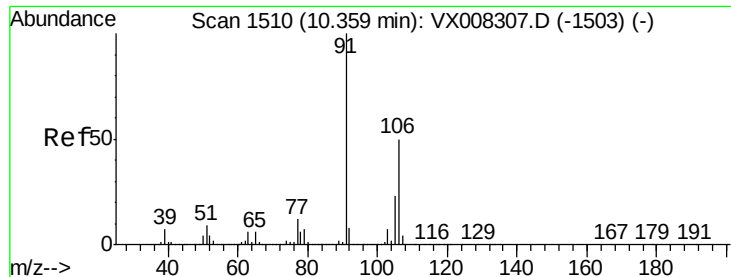
106 32.2 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 39.360 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

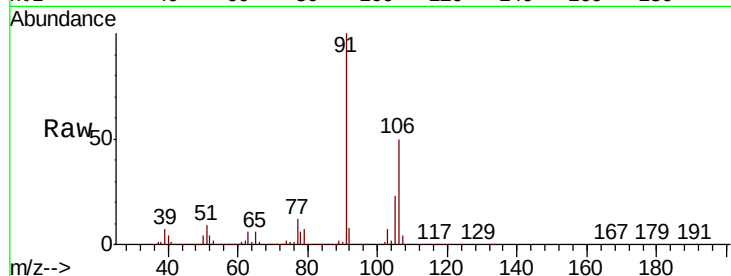
VSTDICCC020

Tgt Ion:106 Resp: 131277

Ion Ratio Lower Upper

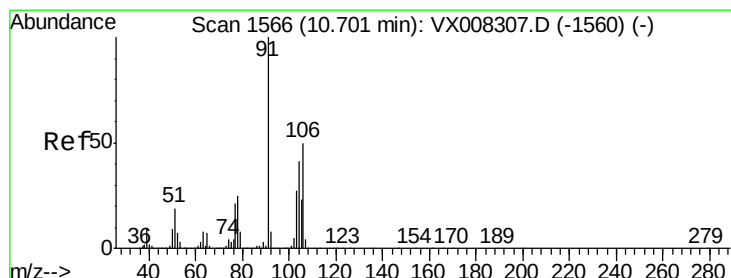
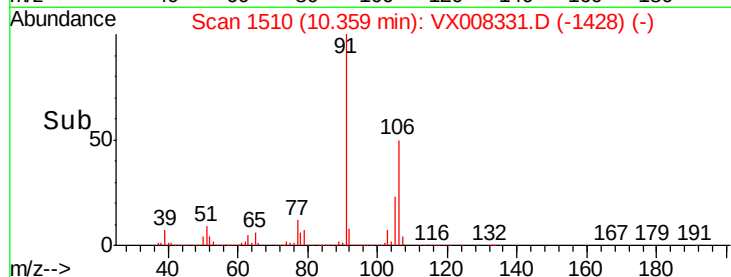
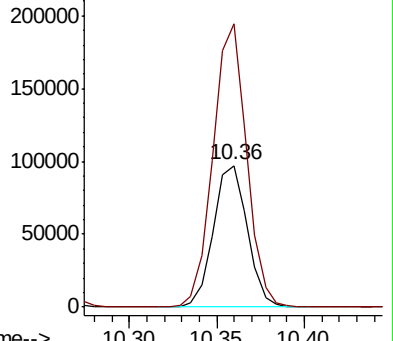
106 100

91 197.3 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.848 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX008331.D

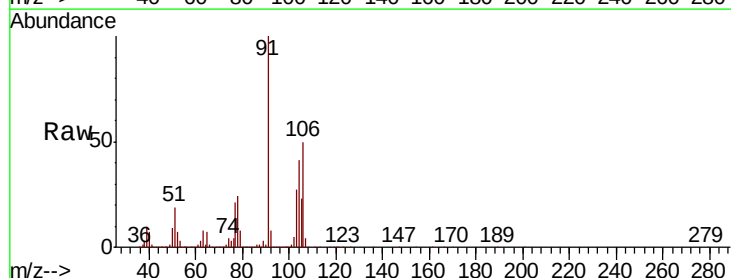
Acq: 22 Mar 2019 11:23

Tgt Ion:106 Resp: 63595

Ion Ratio Lower Upper

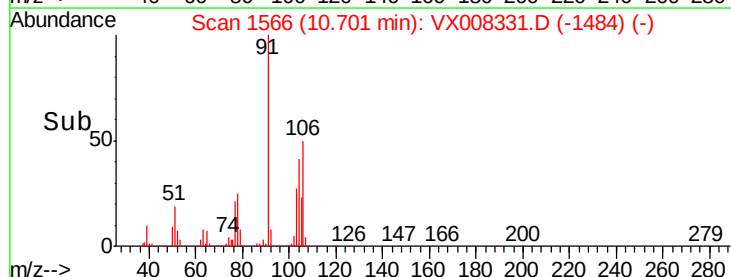
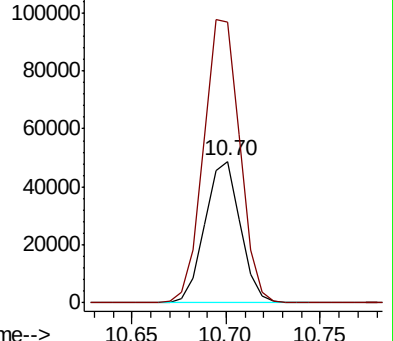
106 100

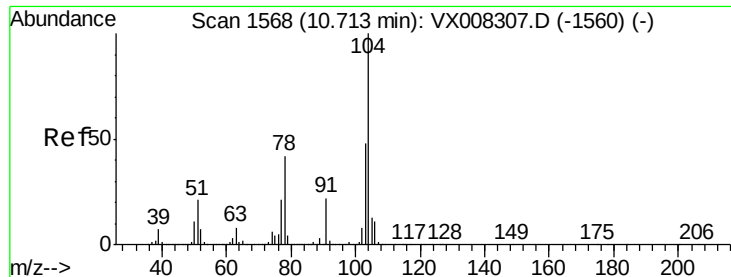
91 204.4 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 19.728 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

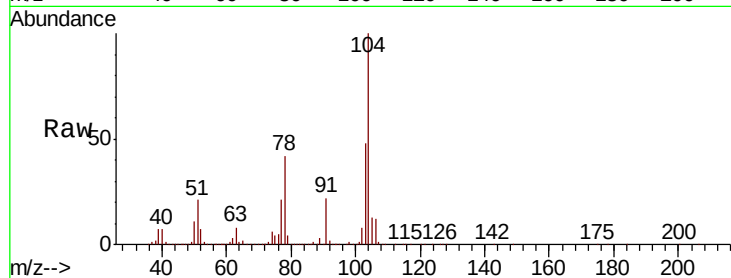
Tgt Ion:104 Resp: 106713

Ion Ratio Lower Upper

104 100

78 49.2 38.2 57.2

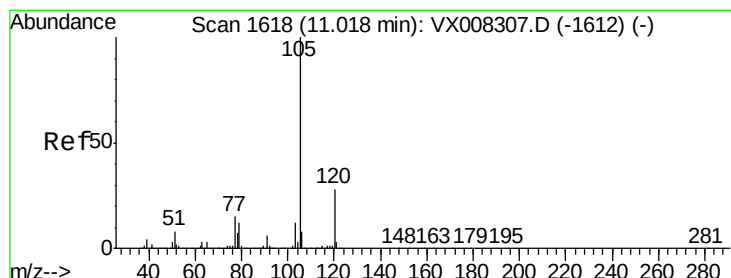
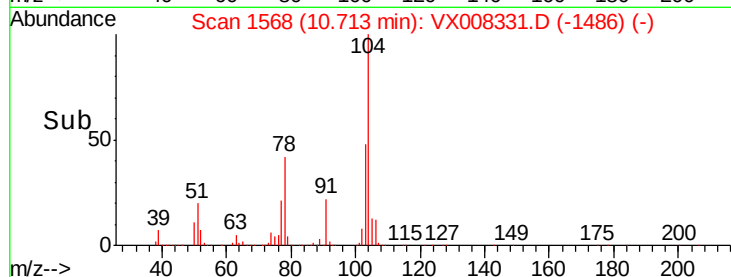
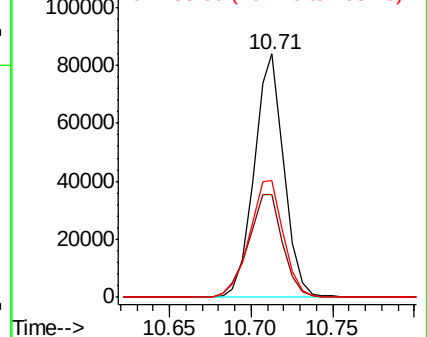
103 54.7 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.945 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008331.D

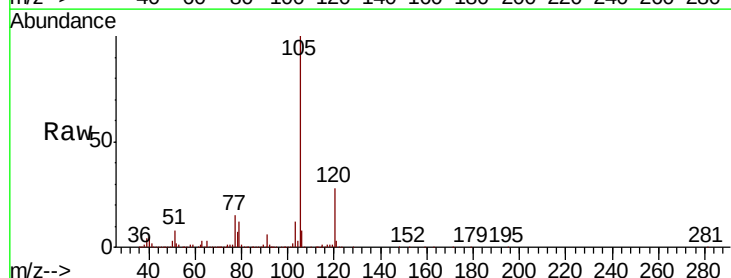
Acq: 22 Mar 2019 11:23

Tgt Ion:105 Resp: 168136

Ion Ratio Lower Upper

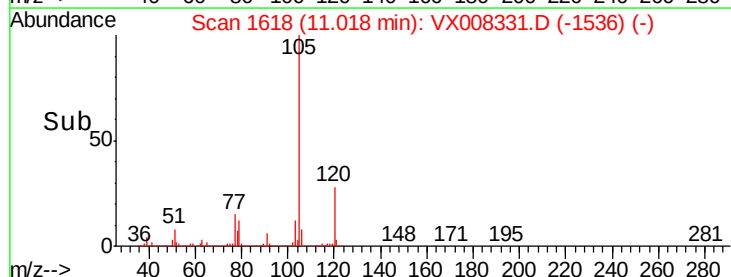
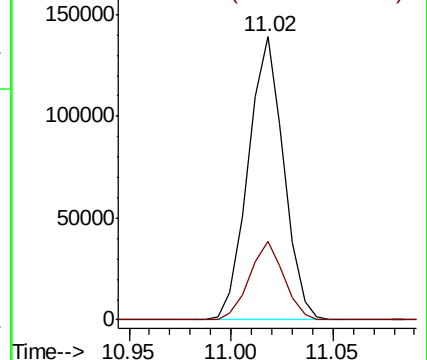
105 100

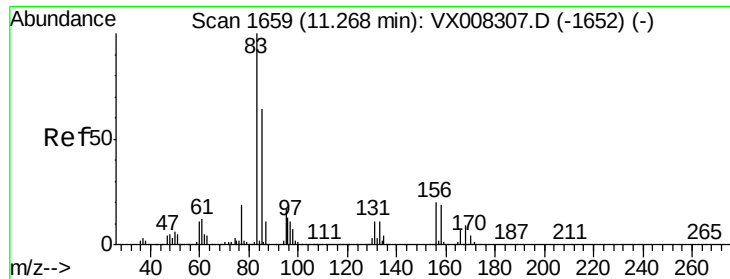
120 26.9 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

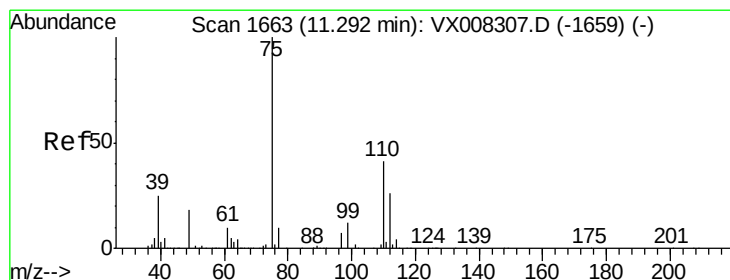
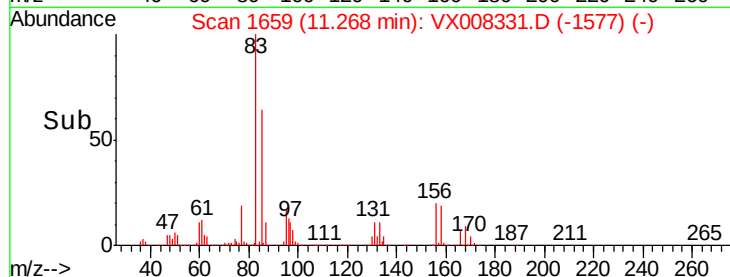
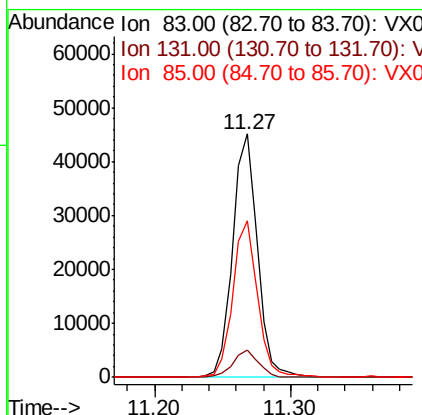
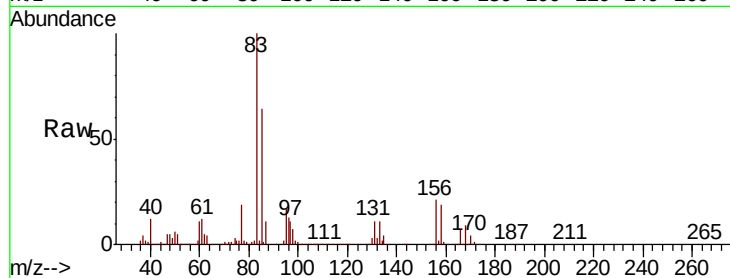




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.905 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

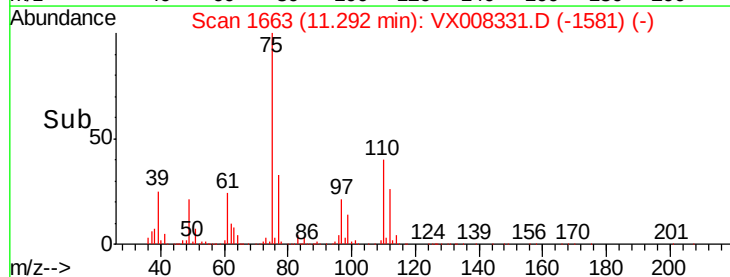
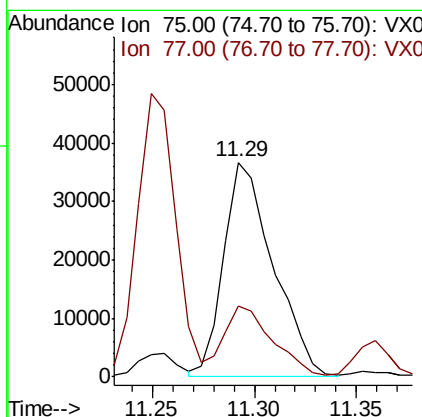
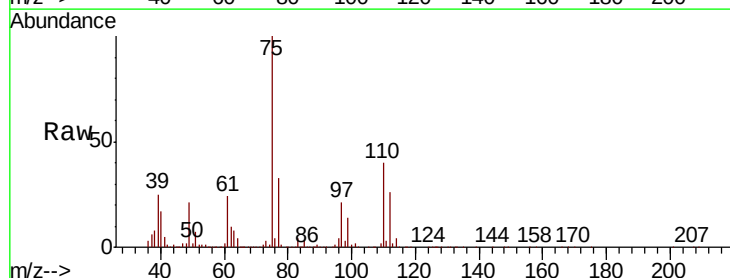
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

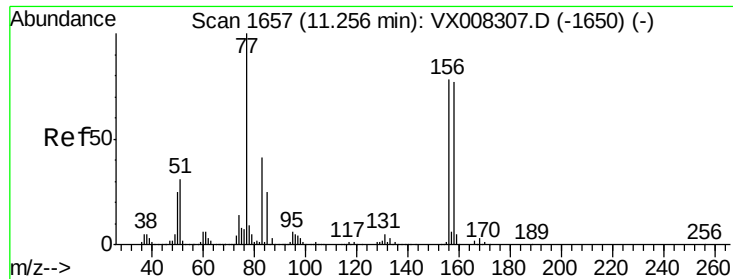
Tgt Ion: 83 Resp: 57218
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.4 16.2
 85 64.4 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 25.732 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

Tgt Ion: 75 Resp: 61740
 Ion Ratio Lower Upper
 75 100
 77 32.6 0.0 76.4





#73

Bromobenzene

Concen: 19.912 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

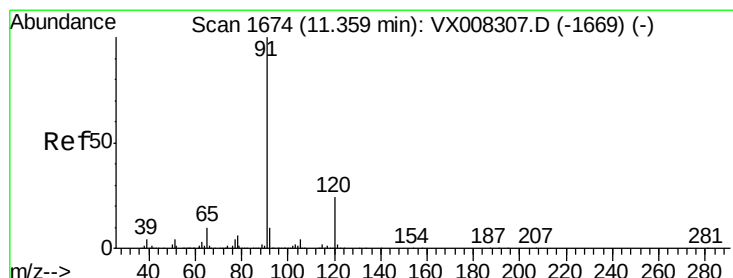
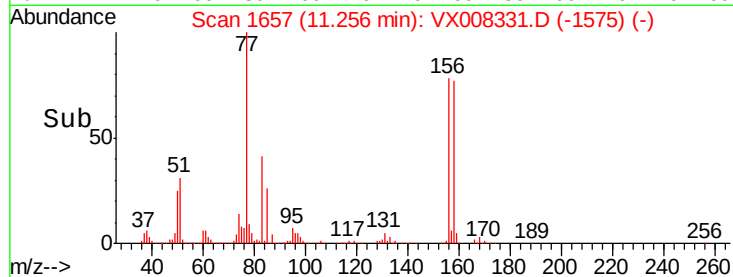
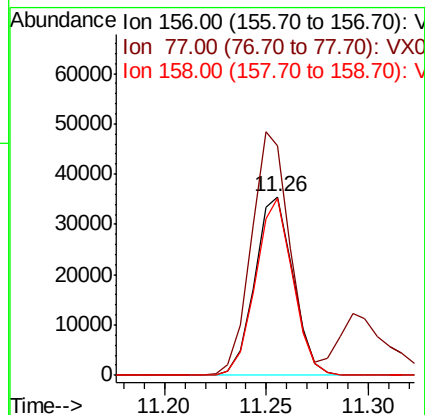
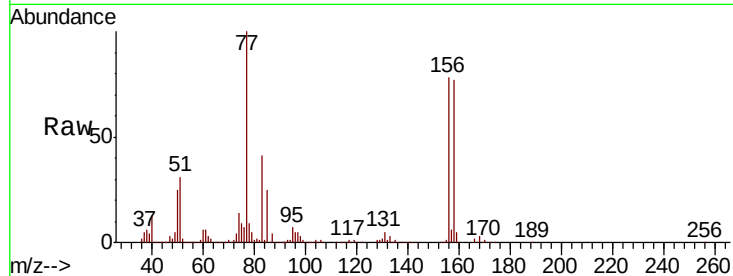
Tgt Ion:156 Resp: 46441

Ion Ratio Lower Upper

156 100

77 136.3 0.0 271.4

158 96.2 0.0 194.0



#74

n-propylbenzene

Concen: 19.357 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008331.D

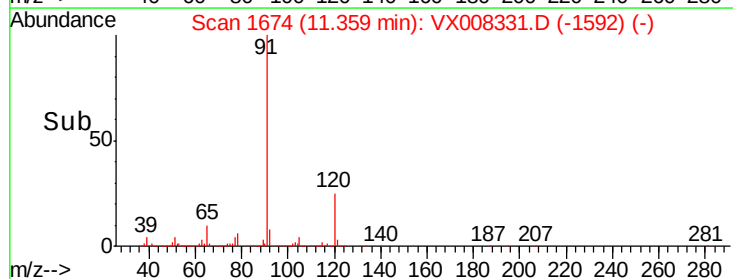
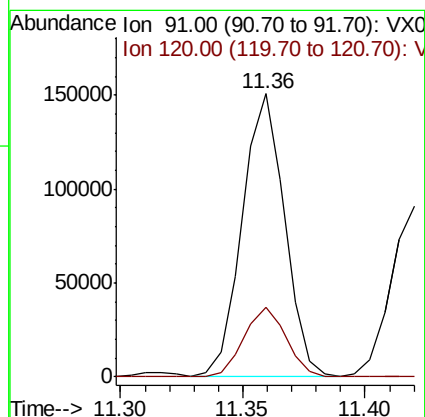
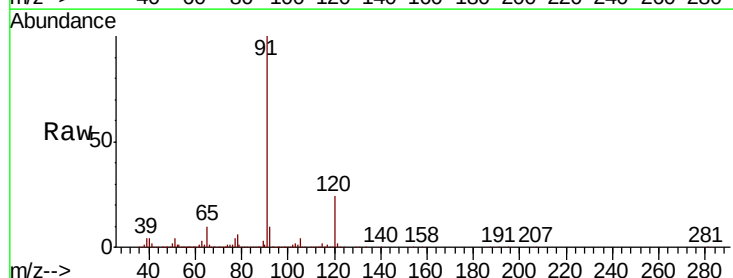
Acq: 22 Mar 2019 11:23

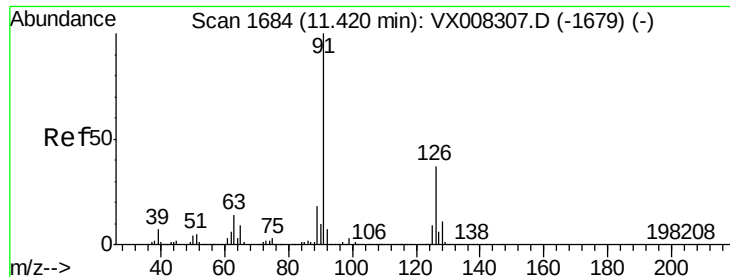
Tgt Ion: 91 Resp: 181883

Ion Ratio Lower Upper

91 100

120 24.7 0.0 48.6





#75

2-Chlorotoluene

Concen: 19.749 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

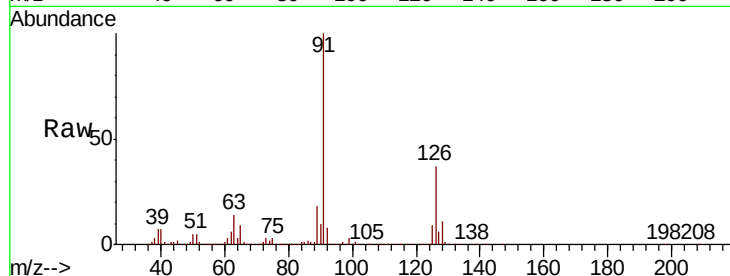
VSTDICCC020

Tgt Ion: 91 Resp: 110821

Ion Ratio Lower Upper

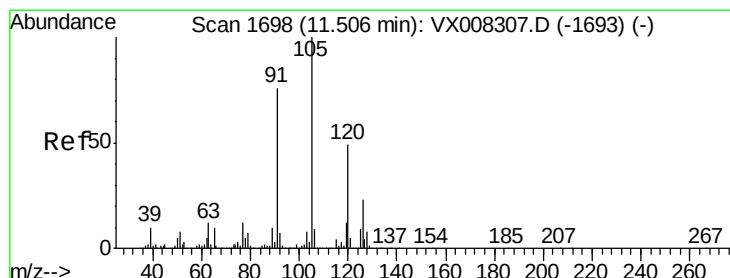
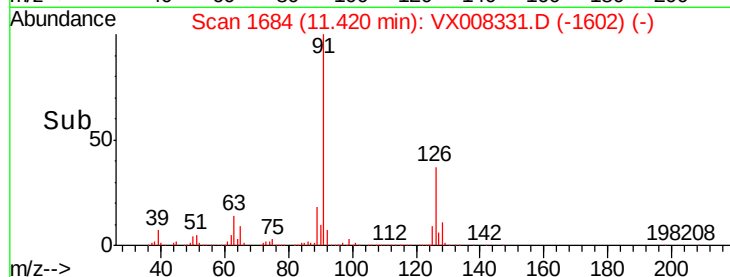
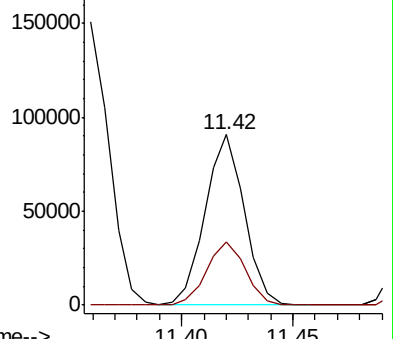
91 100

126 37.1 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX008331.D (-1602) (-)

Ion 126.00 (125.70 to 126.70): VX008331.D (-1602) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.801 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008331.D

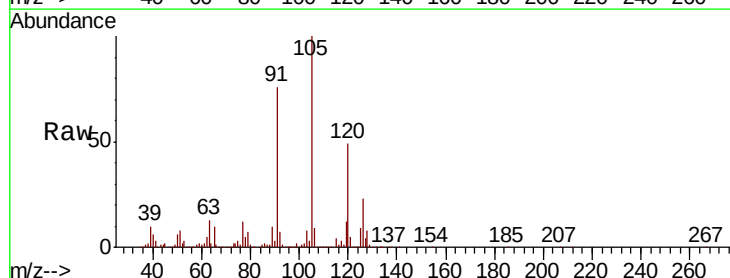
Acq: 22 Mar 2019 11:23

Tgt Ion: 105 Resp: 142594

Ion Ratio Lower Upper

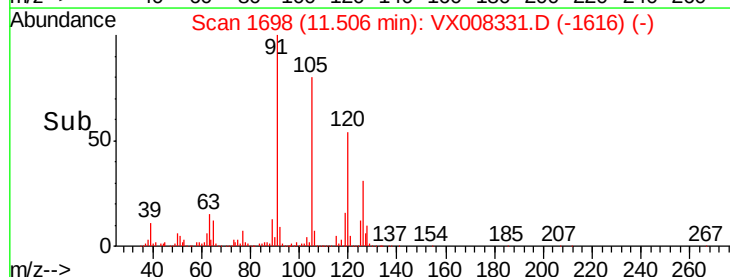
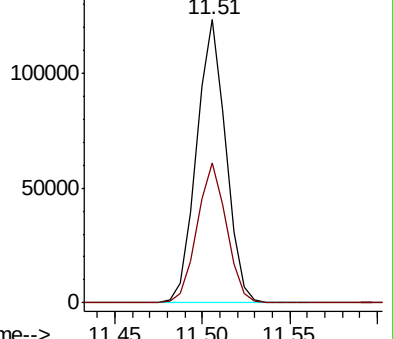
105 100

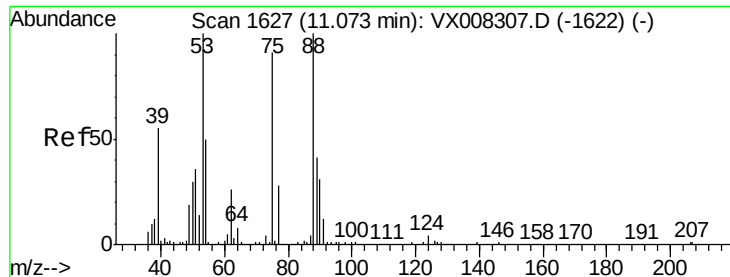
120 49.7 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX008331.D (-1616) (-)

Ion 120.00 (119.70 to 120.70): VX008331.D (-1616) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.949 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

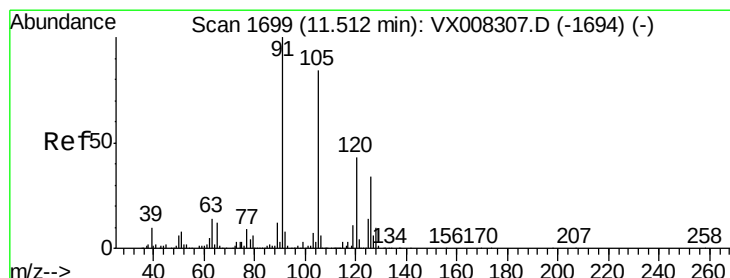
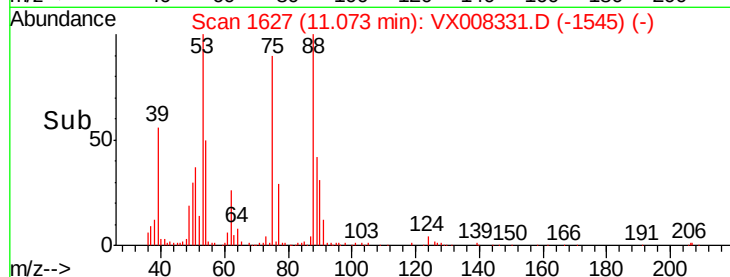
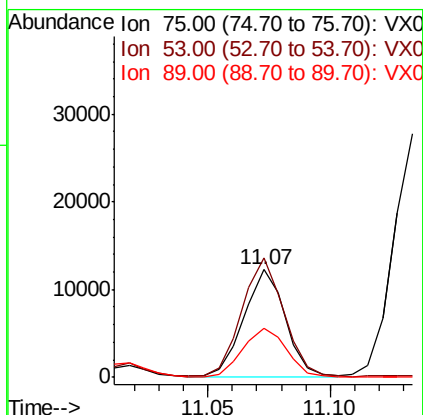
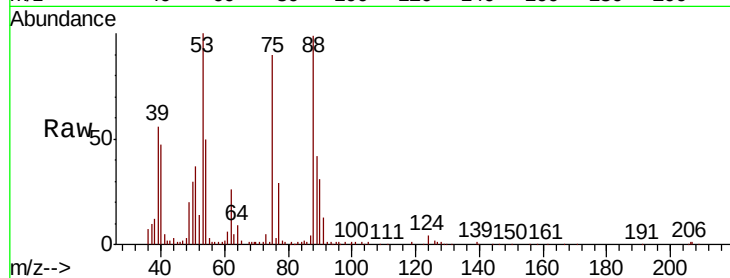
Tgt Ion: 75 Resp: 14724

Ion Ratio Lower Upper

75 100

53 109.0 55.5 166.7

89 45.3 24.4 73.2



#78

4-Chlorotoluene

Concen: 19.136 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008331.D

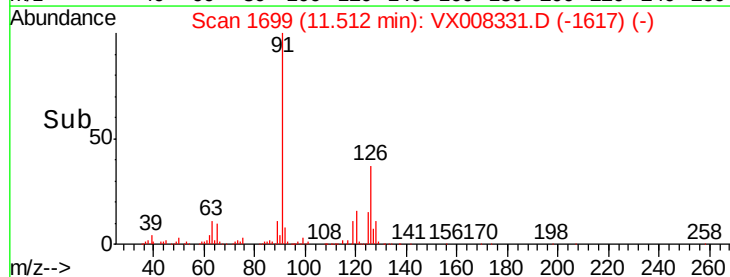
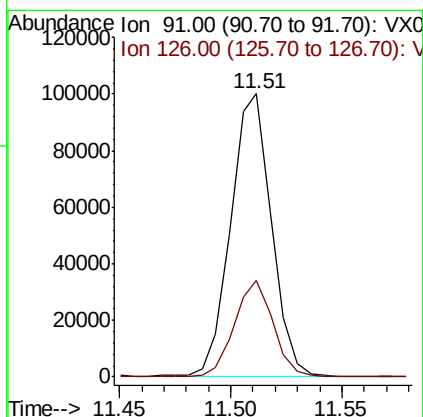
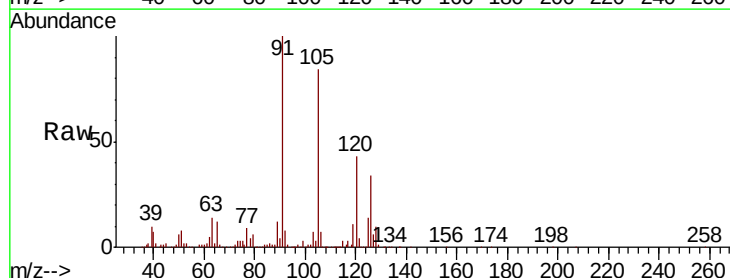
Acq: 22 Mar 2019 11:23

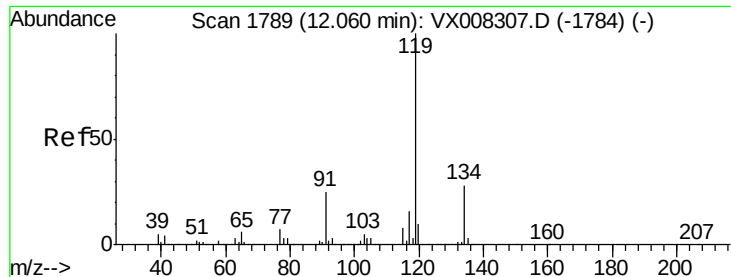
Tgt Ion: 91 Resp: 126381

Ion Ratio Lower Upper

91 100

126 32.8 0.0 66.2





#79

tert-butylbenzene

Concen: 19.378 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

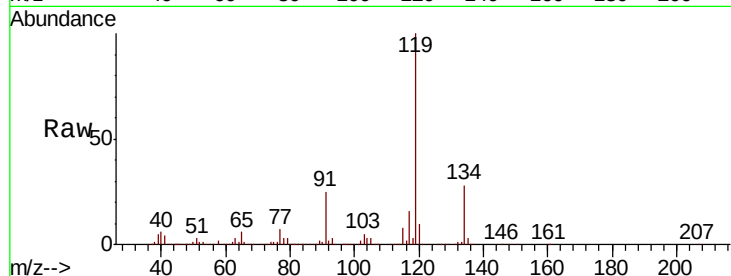
Tgt Ion:119 Resp: 146793

Ion Ratio Lower Upper

119 100

91 23.8 0.0 45.0

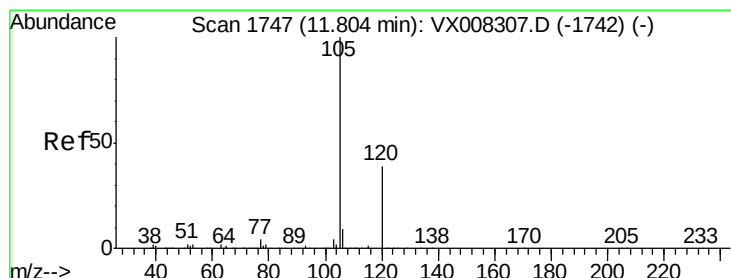
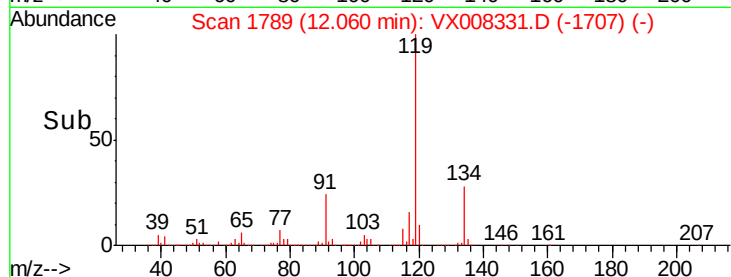
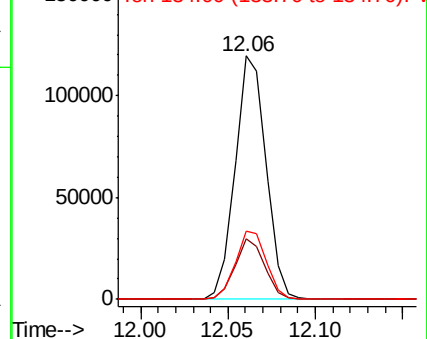
134 28.0 0.0 55.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.773 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008331.D

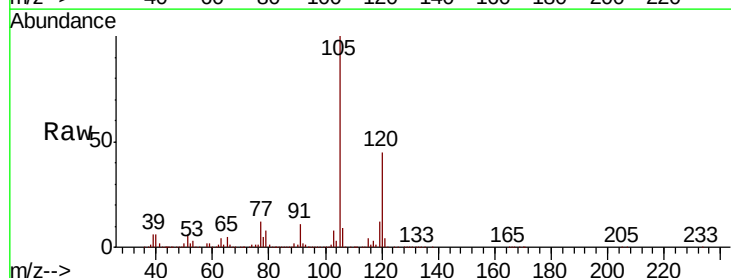
Acq: 22 Mar 2019 11:23

Tgt Ion:105 Resp: 141500

Ion Ratio Lower Upper

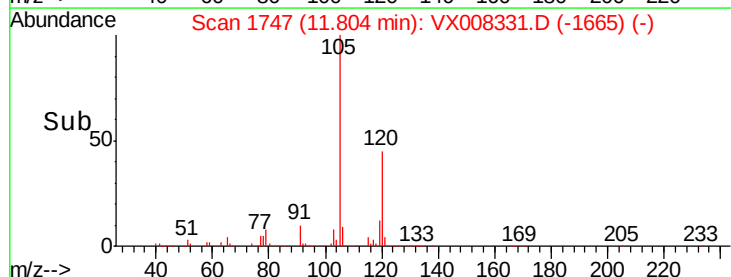
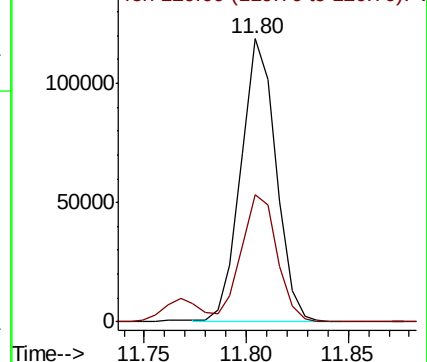
105 100

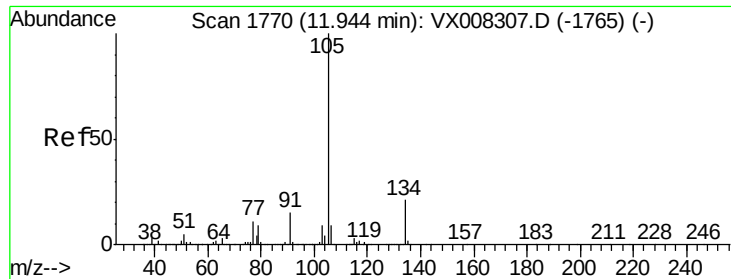
120 45.7 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.379 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

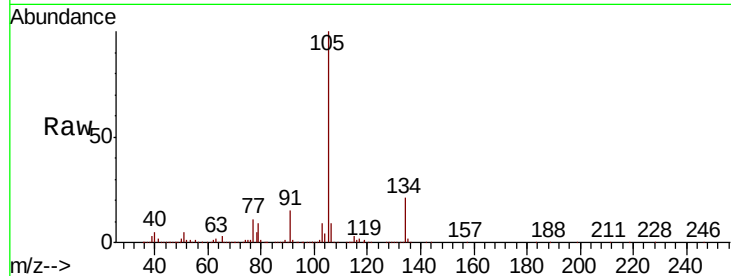
VSTDICCC020

Tgt Ion:105 Resp: 159182

Ion Ratio Lower Upper

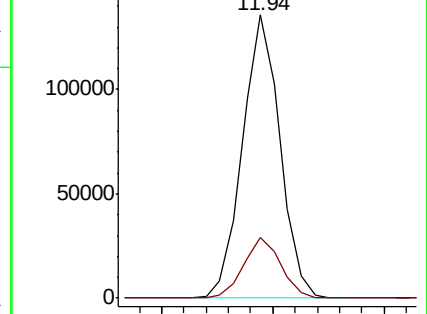
105 100

134 21.4 0.0 41.8

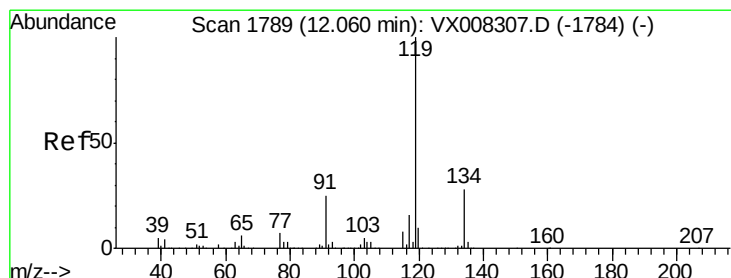
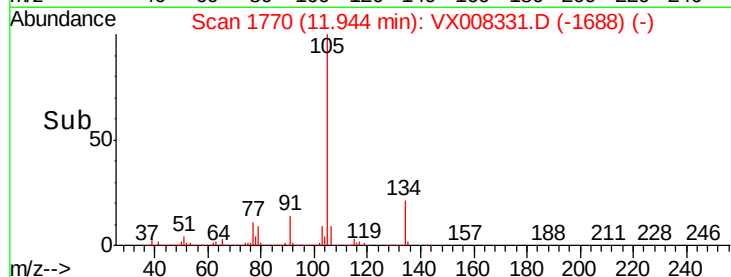


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#82

p-Isopropyltoluene

Concen: 19.378 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008331.D

Acq: 22 Mar 2019 11:23

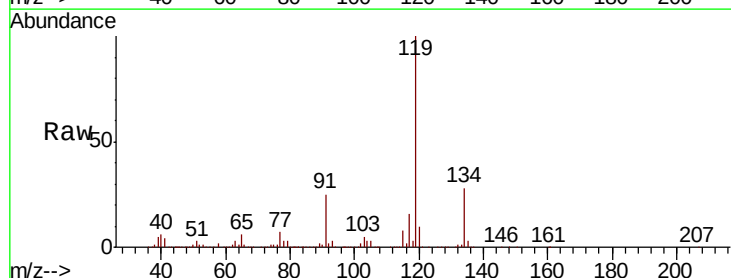
Tgt Ion:119 Resp: 146793

Ion Ratio Lower Upper

119 100

134 28.0 0.0 55.4

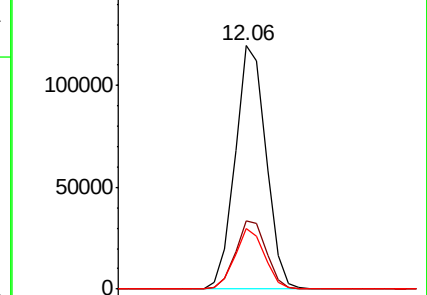
91 23.8 0.0 45.0



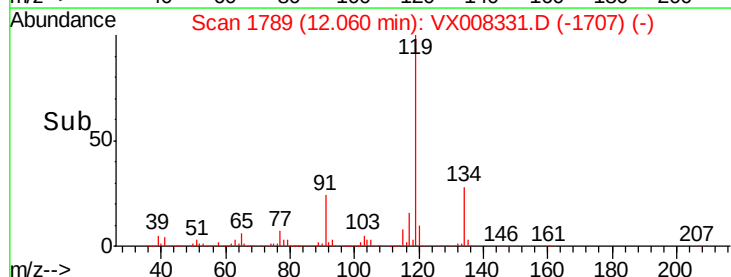
Abundance Ion 119.00 (118.70 to 119.70): V

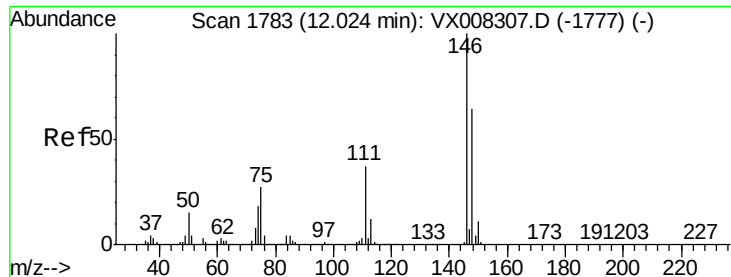
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->

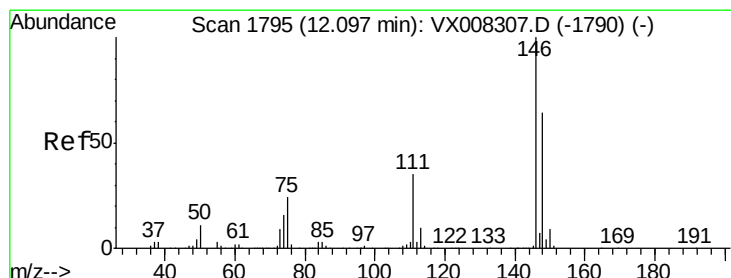
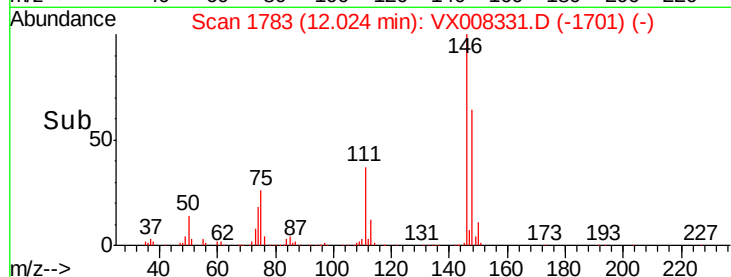
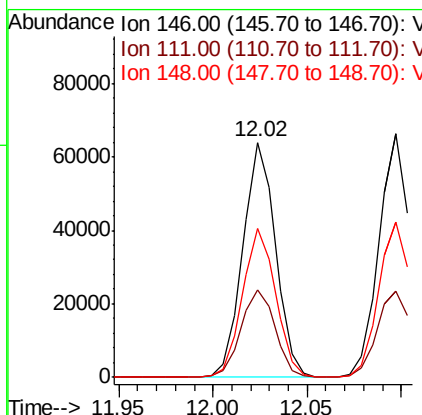
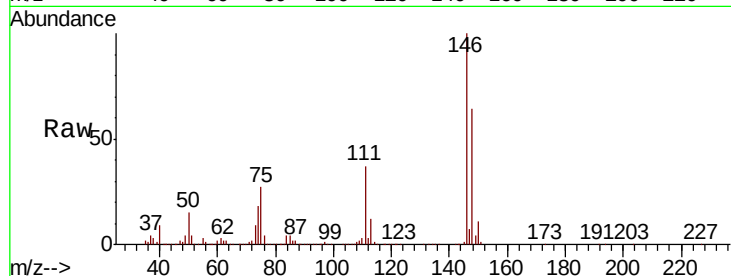




#83
 1,3-Dichlorobenzene
 Concen: 19.121 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

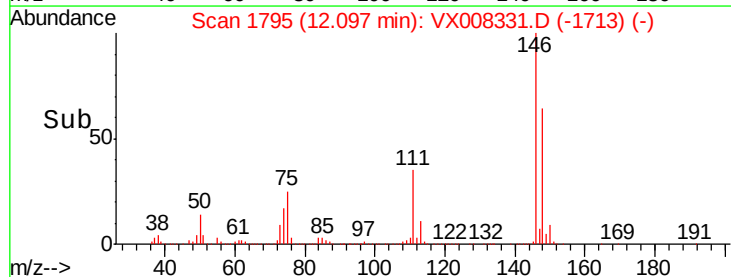
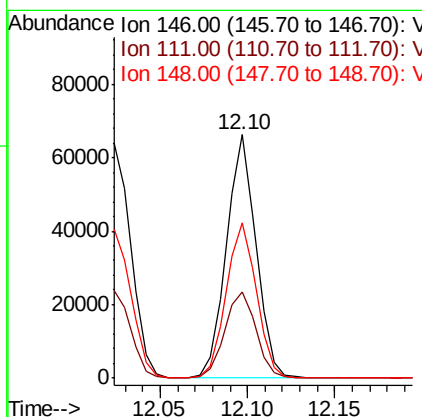
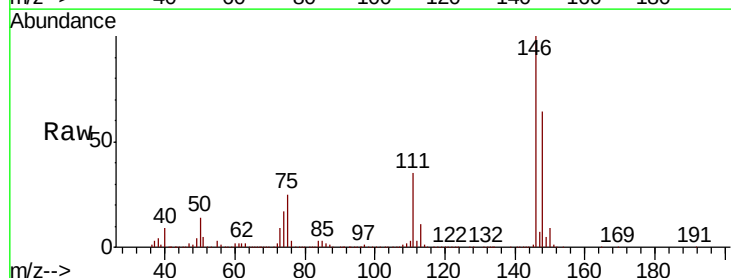
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

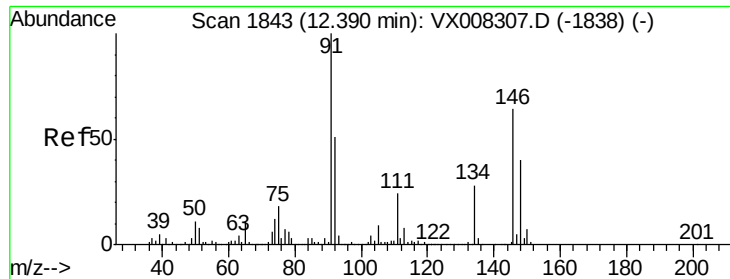
Tgt Ion:146 Resp: 77407
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.8 56.3
 148 64.4 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 19.364 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

Tgt Ion:146 Resp: 78062
 Ion Ratio Lower Upper
 146 100
 111 37.2 17.6 52.8
 148 64.8 31.4 94.2

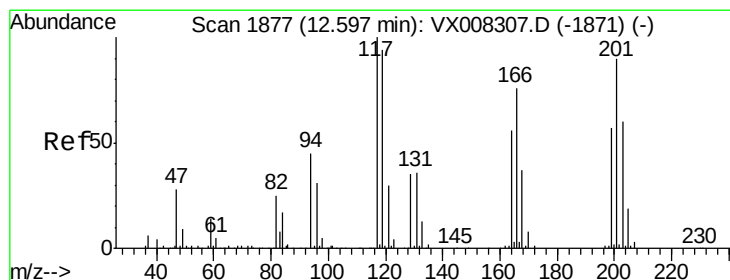
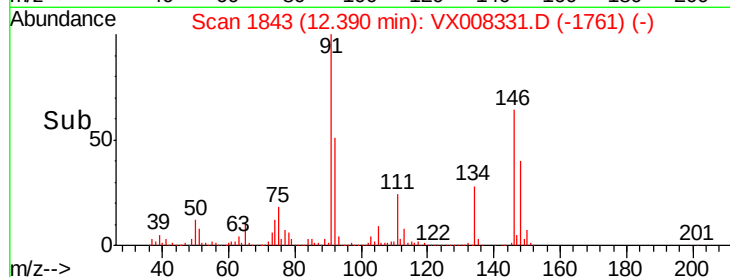
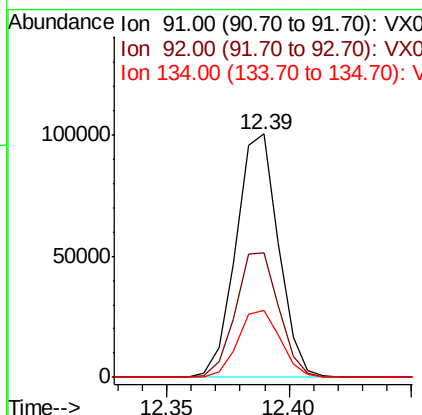
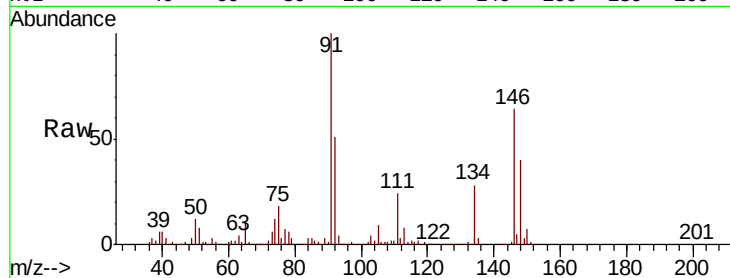




#85
n-Butylbenzene
Concen: 18.567 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

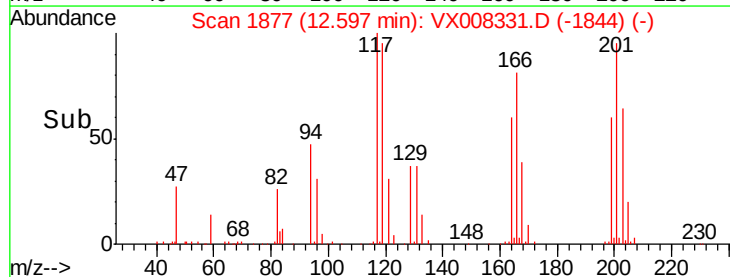
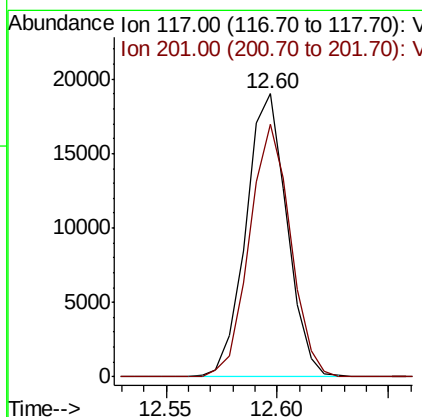
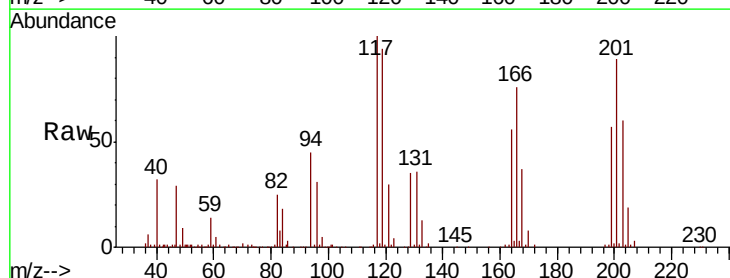
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

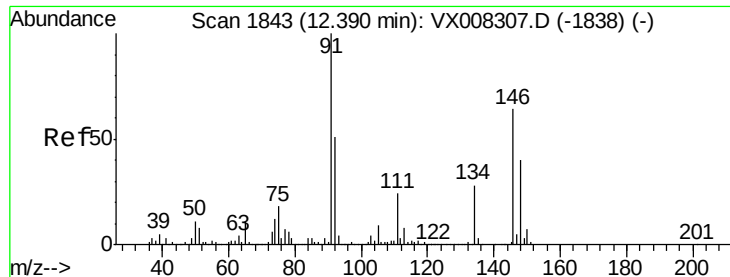
Tgt Ion: 91 Resp: 120982
Ion Ratio Lower Upper
91 100
92 52.8 0.0 105.2
134 27.9 0.0 56.4



#86
Hexachloroethane
Concen: 18.557 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

Tgt Ion: 117 Resp: 24227
Ion Ratio Lower Upper
117 100
201 90.2 41.1 123.3

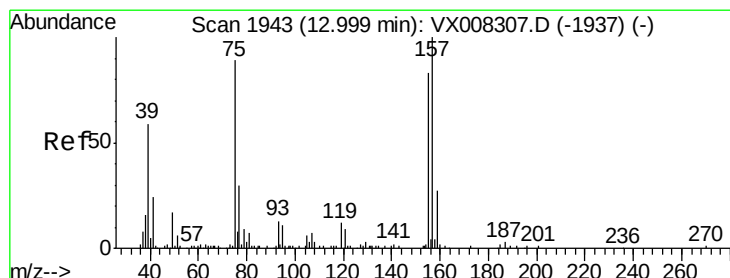
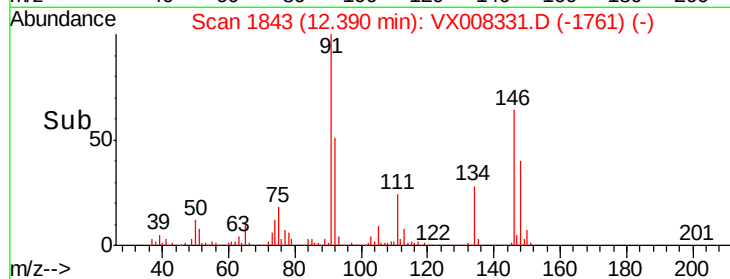
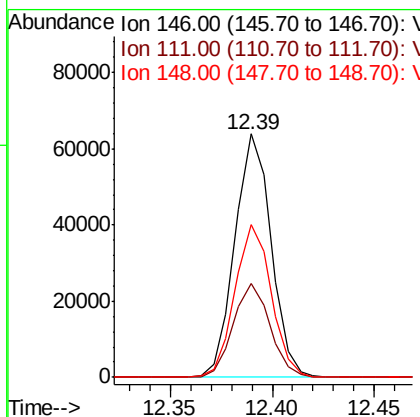
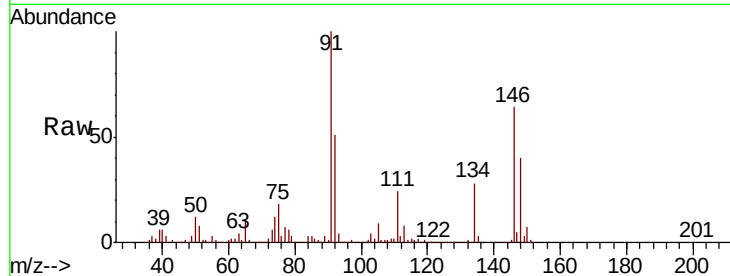




#87
 1,2-Dichlorobenzene
 Concen: 19.689 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

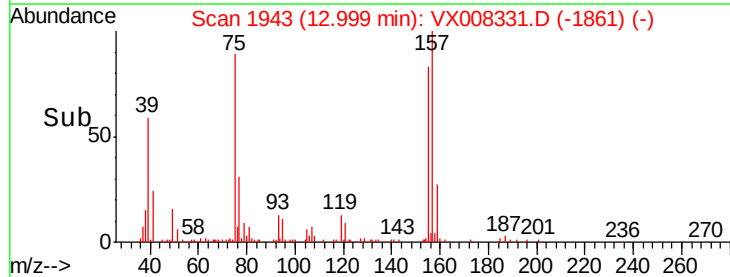
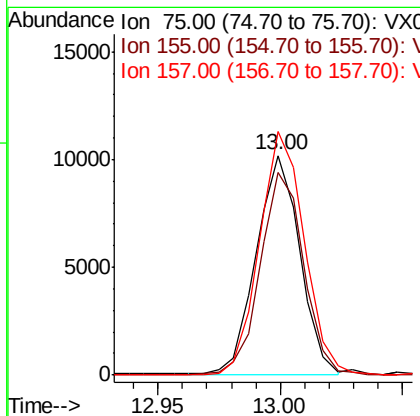
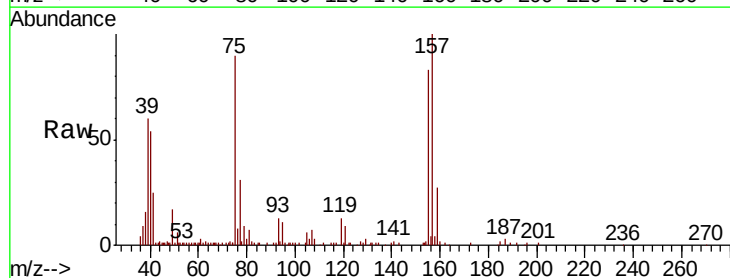
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

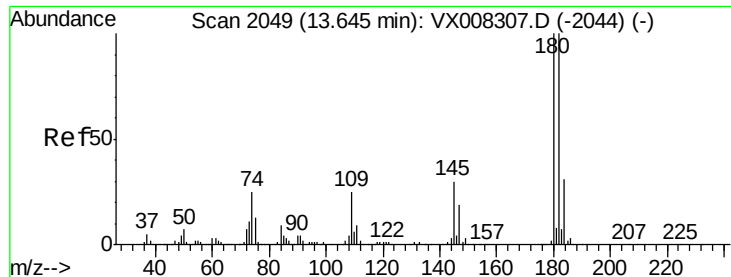
Tgt Ion:146 Resp: 78607
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.3 57.8
 148 63.0 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.184 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

Tgt Ion: 75 Resp: 12624
 Ion Ratio Lower Upper
 75 100
 155 92.6 81.0 121.6
 157 115.0 103.2 154.8

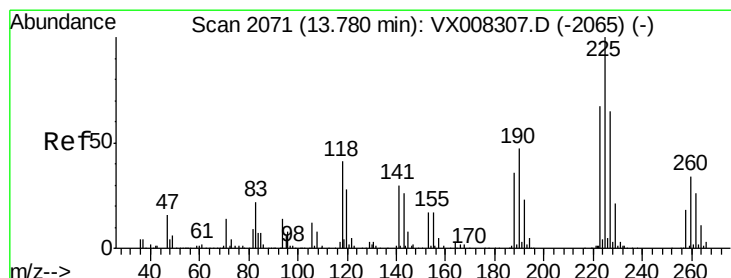
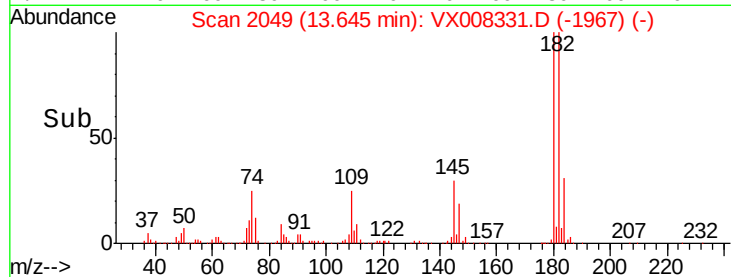
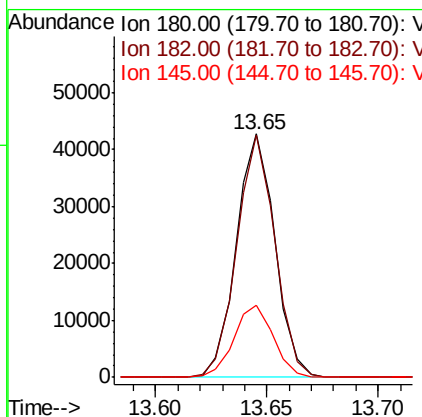
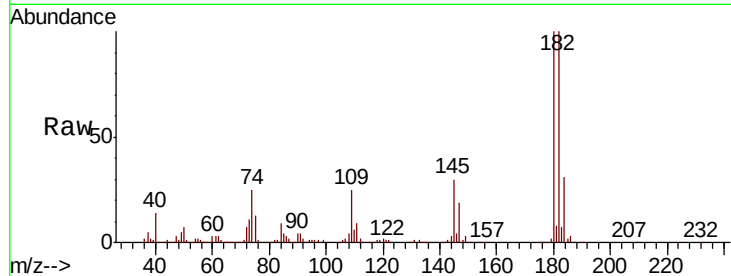




#89
 1,2,4-Trichlorobenzene
 Concen: 18.182 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

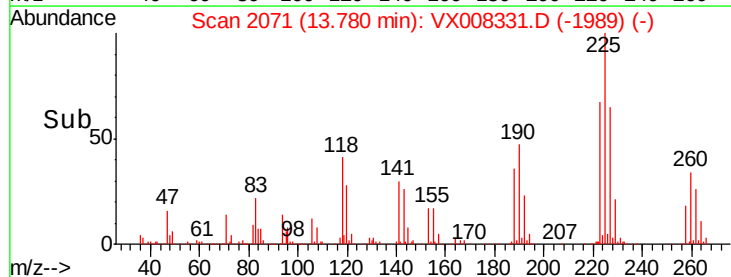
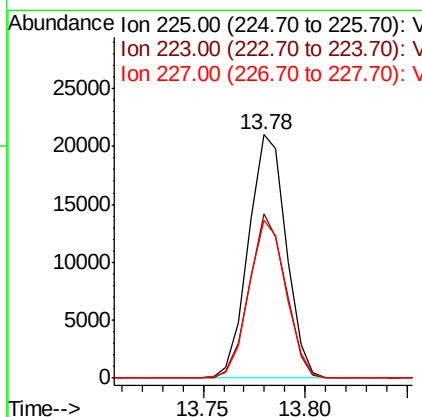
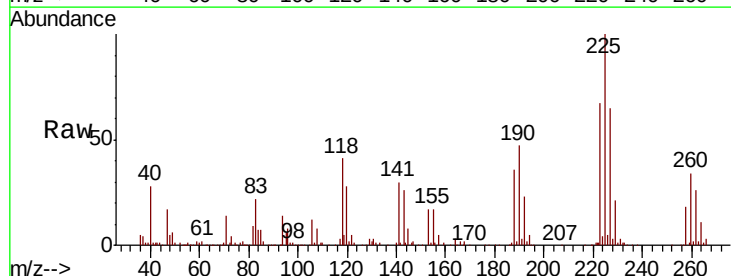
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

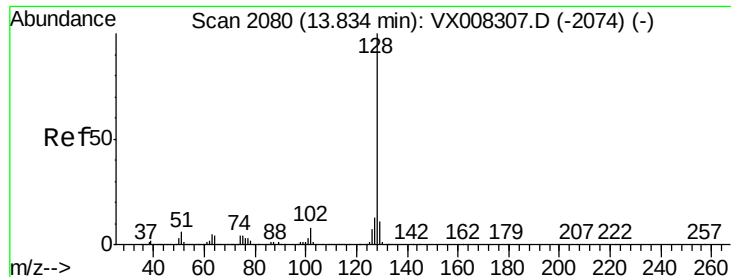
Tgt Ion:180 Resp: 51375
 Ion Ratio Lower Upper
 180 100
 182 98.9 75.6 113.4
 145 30.4 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 19.015 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008331.D
 Acq: 22 Mar 2019 11:23

Tgt Ion:225 Resp: 27047
 Ion Ratio Lower Upper
 225 100
 223 64.7 0.0 123.8
 227 64.1 0.0 124.4

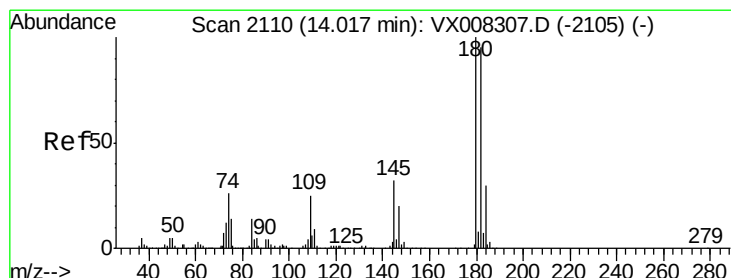
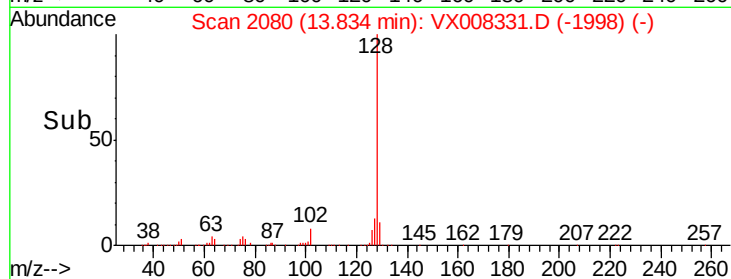
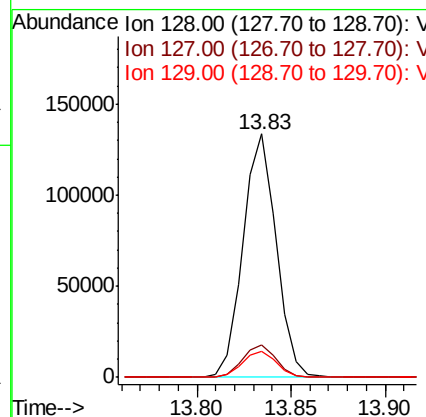
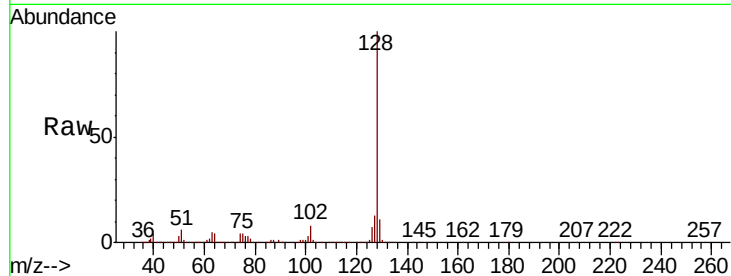




#91
Naphthalene
Concen: 19.237 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	11.0	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.068 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008331.D
Acq: 22 Mar 2019 11:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	0.0	193.0
145	31.0	0.0	63.0

