

Data File : VX003714.D
Acq On : 27 Jul 2018 13:57
Operator : JC/SP
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Quant Time: Aug 11 05:49:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072718W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	23558	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	122052	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	111242	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	49446	28.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.30%
60) 4-Bromofluorobenzene	11.14	95	53260	29.73	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.10%
63) Toluene-d8	8.72	98	156432	31.22	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.07%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	22476	18.063	ug/l	99
3) Chloromethane	1.32	50	30348	18.122	ug/l	99
4) Vinyl Chloride	1.40	62	31925	18.126	ug/l	100
5) Bromomethane	1.64	94	17944	17.045	ug/l	97
6) Chloroethane	1.72	64	21031	18.242	ug/l	97
7) Trichlorofluoromethane	1.93	101	42343	17.874	ug/l	99
8) Diethyl Ether	2.19	74	18164	17.888	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26045	18.132	ug/l	96
10) 1,1-Dichloroethene	2.37	96	24285	17.981	ug/l	96
11) Methyl Iodide	2.51	142	33341	17.809	ug/l	95
12) Methyl Acetate	2.78	43	46767	18.714	ug/l	92
13) Acrolein	2.29	56	19926	102.230	ug/l	100
14) Acrylonitrile	3.15	53	90336	91.738	ug/l	99
15) Acetone	2.45	58	24597	92.050	ug/l	83
16) Carbon Disulfide	2.57	76	66445	17.715	ug/l	99
17) Allyl chloride	2.73	41	50361	18.017	ug/l	91
18) Methylene Chloride	2.85	84	29312	18.321	ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	26648	18.253	ug/l	99
20) Diisopropyl ether	3.88	45	95147	18.536	ug/l	96
21) 1,1-Dichloroethane	3.70	63	52981	18.232	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	28671	19.447	ug/l	80
23) tert-Butyl Alcohol	3.08	59	38376	92.778	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	87142	17.990	ug/l	92
25) Chloroform	5.22	83	49430	19.641	ug/l	99
26) Cyclohexane	5.58	56	41496	19.008	ug/l #	96
29) 1,1-Dichloropropene	5.80	75	35450	19.668	ug/l	99
30) 2-Butanone	4.71	43	118383	102.853	ug/l	96
31) 2,2-Dichloropropane	4.59	77	34897	19.989	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	40505	19.642	ug/l	99
33) Carbon Tetrachloride	5.79	117	35761	19.956	ug/l	96
34) Benzene	6.15	78	111399	20.118	ug/l	98
35) Methacrylonitrile	5.07	41	23698	19.813	ug/l	92
36) 1,2-Dichloroethane	6.20	62	39377	19.784	ug/l	97
37) Trichloroethene	7.21	130	28549	19.781	ug/l	100
38) Methylcyclohexane	7.46	83	39512	19.292	ug/l	98
39) 1,2-Dichloropropane	7.52	63	28980	19.804	ug/l	96
40) Dibromomethane	7.66	93	18855	19.910	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	34805	19.237	ug/l	97
42) Vinyl Acetate	3.83	43	406918	92.007	ug/l	99
43) Ethyl Acetate	4.87	43	43448	20.209	ug/l	95
44) Isopropyl Acetate	6.47	43	64365	19.519	ug/l	95
45) 1,4-Dioxane	7.76	88	14908	407.080	ug/l #	86
46) Methyl methacrylate	7.78	41	33192	19.510	ug/l	92
47) n-amyl Acetate	10.90	43	56151	18.036	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	42148	19.198	ug/l	97
49) cis-1,3-Dichloropropene	9.05	75	37095	18.008	ug/l	93
50) 1,1,2-Trichloroethane	9.22	97	28424	18.908	ug/l	98
51) Ethyl methacrylate	9.18	69	40766	18.009	ug/l	87
52) 1,3-Dichloropropane	9.38	76	46781	18.699	ug/l	99
53) Dibromochloromethane	9.59	129	26808	18.155	ug/l	99
54) 1,2-Dibromoethane	9.68	107	29063	18.487	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	111540	95.536	ug/l	99
56) Bromoform	10.86	173	20163	17.595	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	222502	105.929	ug/l	95
59) 2-Hexanone	9.50	43	170430	101.902	ug/l	95
61) Tetrachloroethene	9.34	164	25259	19.511	ug/l	99
62) Toluene	8.79	91	118917	20.596	ug/l	99
64) Chlorobenzene	10.14	112	75520	20.240	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	26505	20.076	ug/l	98
66) Ethyl Benzene	10.26	91	126351	19.886	ug/l	100
67) m/p-Xylenes	10.36	106	98554	40.271	ug/l	99
68) o-Xylene	10.70	106	46669	19.934	ug/l	99
69) Styrene	10.71	104	79293	20.002	ug/l	98
70) Isopropylbenzene	11.02	105	126848	19.679	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	45654	19.840	ug/l	98
72) 1,2,3-Trichloropropane	11.30	75	51281	26.790	ug/l	94
73) Bromobenzene	11.26	156	33419	19.238	ug/l	98
74) n-propylbenzene	11.37	91	149355	19.672	ug/l	100
75) 2-Chlorotoluene	11.43	91	89185	19.930	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	107430	19.642	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	12223	18.739	ug/l	97
78) 4-Chlorotoluene	11.51	91	103213	19.712	ug/l	100
79) tert-butylbenzene	12.07	119	110577	19.649	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	110656	19.768	ug/l	99
81) sec-Butylbenzene	11.95	105	124325	19.518	ug/l	99
82) p-Isopropyltoluene	12.07	119	110577	19.649	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	62567	19.722	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	63115	19.760	ug/l	99
85) n-Butylbenzene	12.39	91	94770	18.972	ug/l	99
86) Hexachloroethane	12.60	117	17347	19.129	ug/l	98
87) 1,2-Dichlorobenzene	12.40	146	62762	19.707	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	9177	18.895	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	42786	19.134	ug/l	100
90) Hexachlorobutadiene	13.79	225	20051	19.781	ug/l	99
91) Naphthalene	13.84	128	134170	19.632	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	45206	19.852	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072718\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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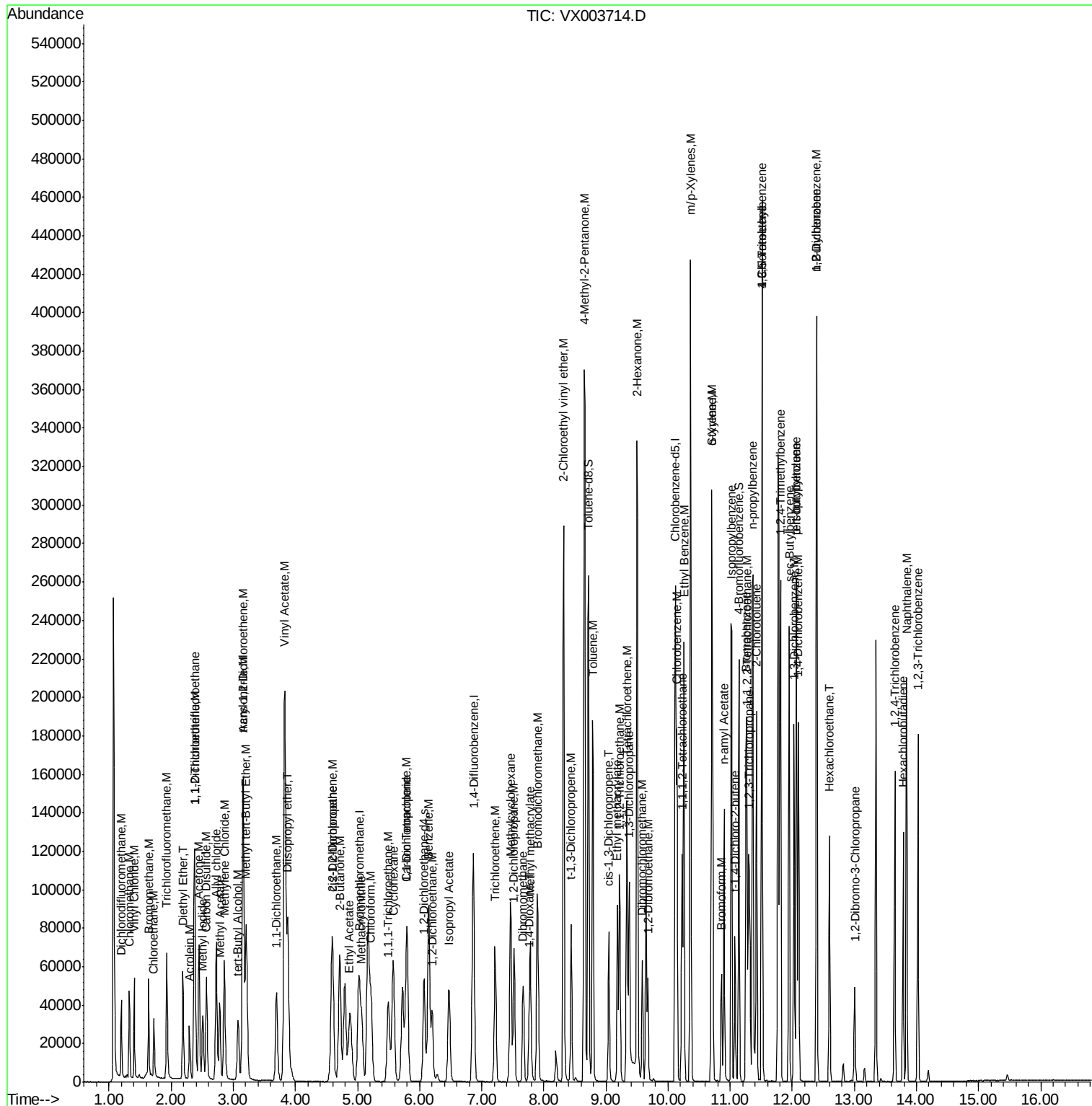
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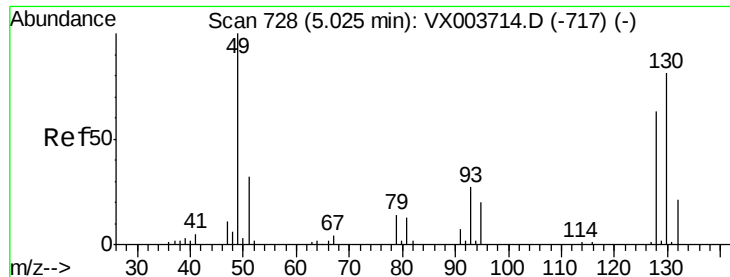
Data File : VX003714.D

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ALS Vial     : 3      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Quant Time: Aug 11 05:49:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X072718W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

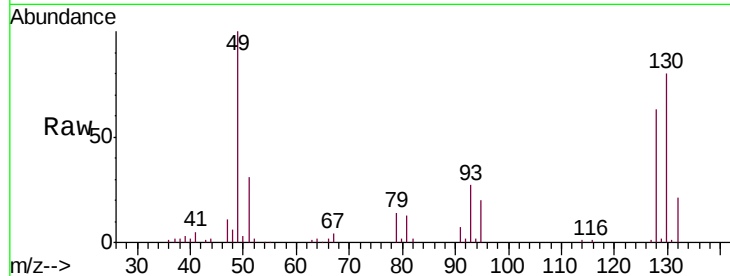
Tgt Ion:128 Resp: 23558

Ion Ratio Lower Upper

128 100

49 162.2 0.0 423.0

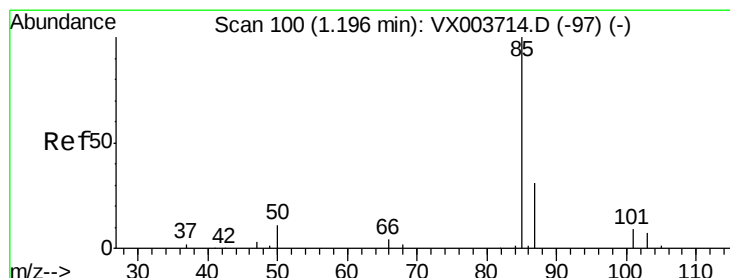
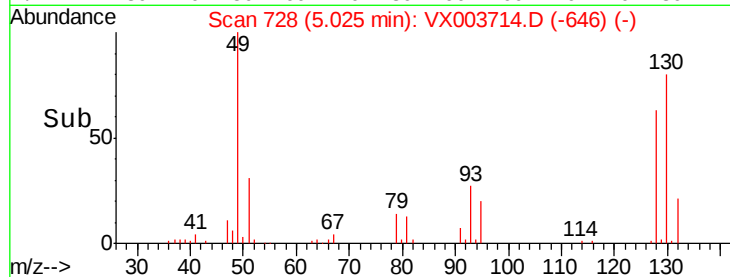
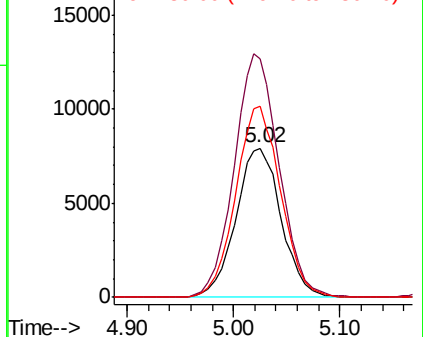
130 127.7 0.0 324.3



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: 18.063 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003714.D

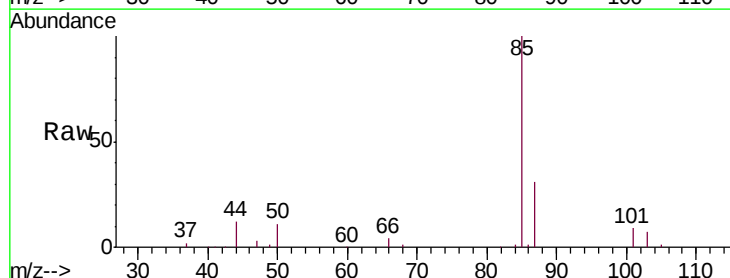
Acq: 27 Jul 2018 13:57

Tgt Ion: 85 Resp: 22476

Ion Ratio Lower Upper

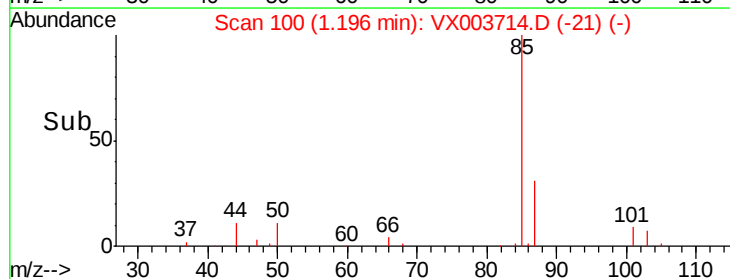
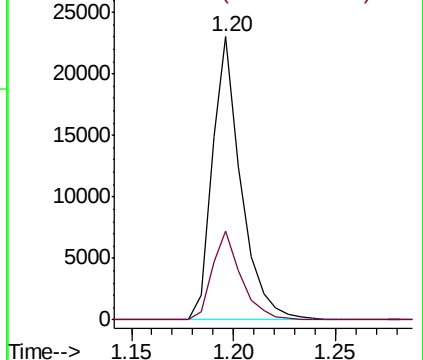
85 100

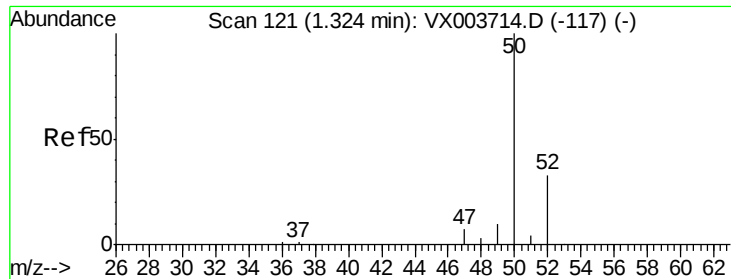
87 31.5 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

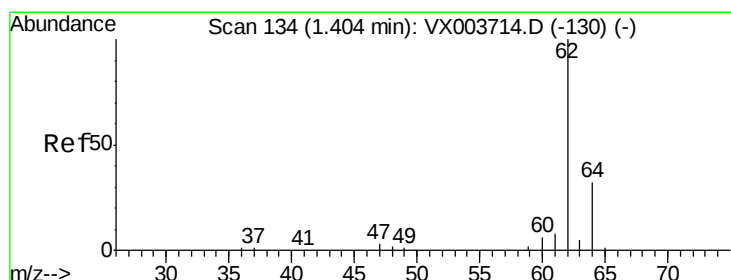
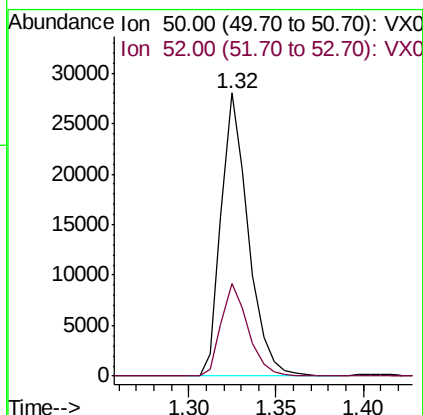
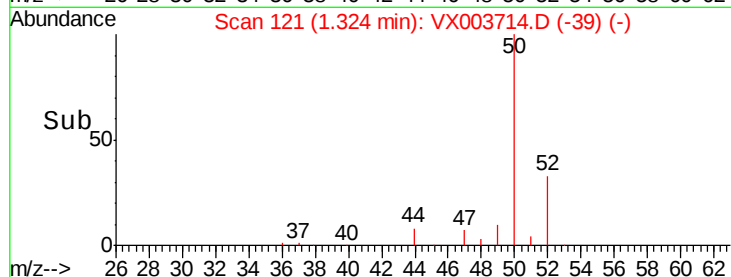
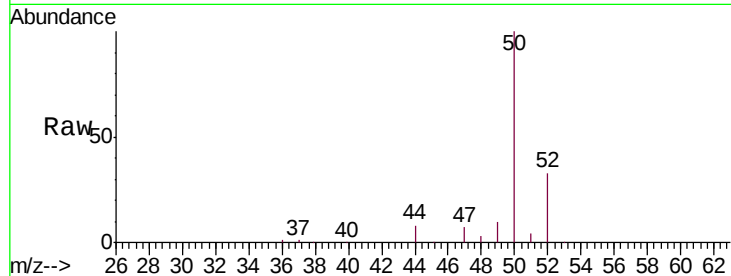




#3
Chloromethane
Concen: 18.122 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

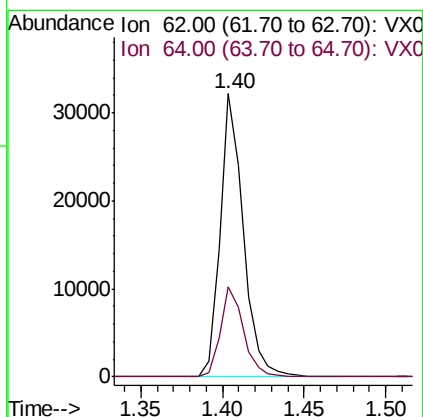
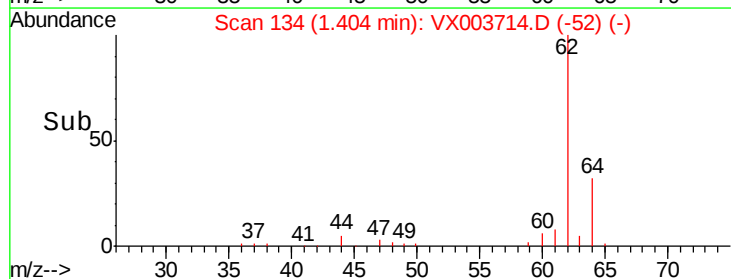
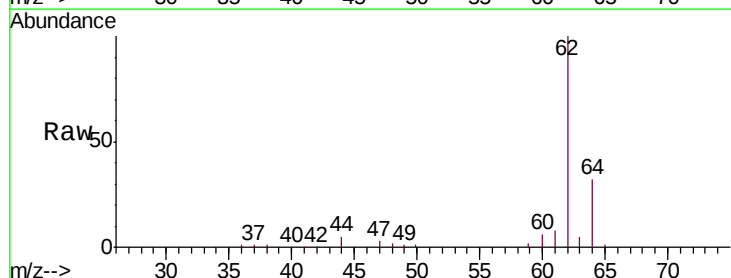
Instrument :
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ClientSampleId :
VSTDICCC020

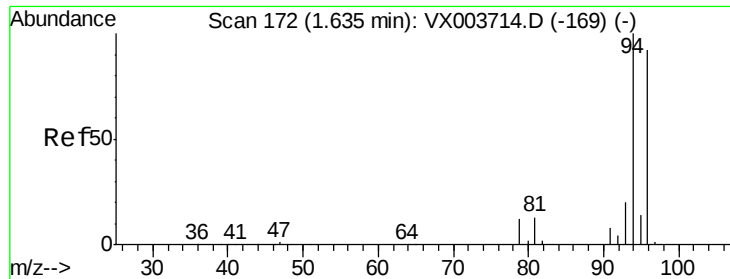
Tgt Ion: 50 Resp: 30348
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4



#4
Vinyl Chloride
Concen: 18.126 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Tgt Ion: 62 Resp: 31925
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9

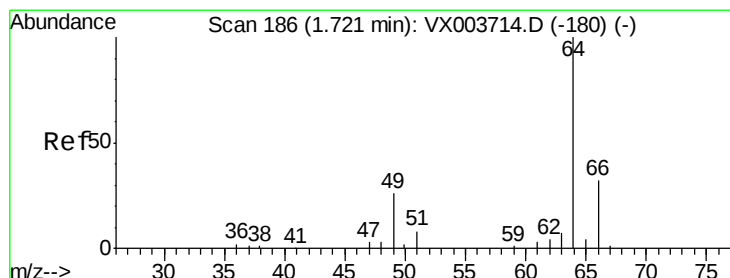
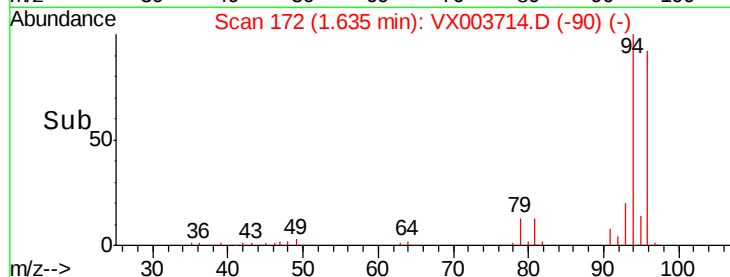
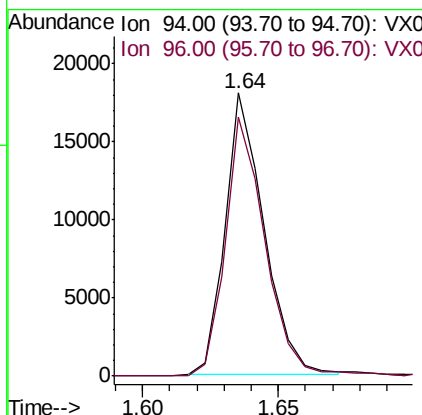
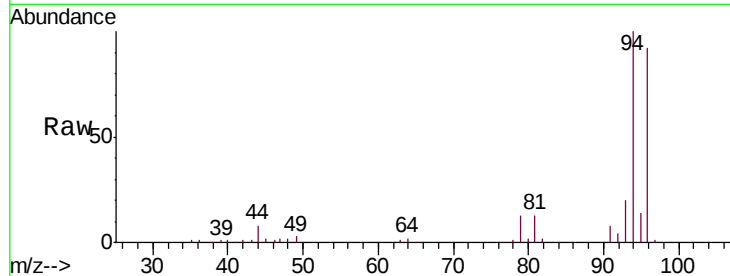




#5
 Bromomethane
 Concen: 17.045 ug/l
 RT: 1.64 min Scan# 172
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

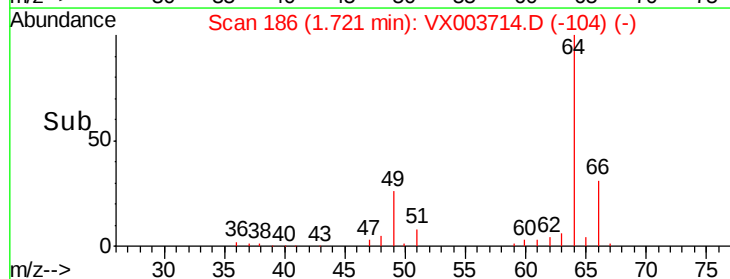
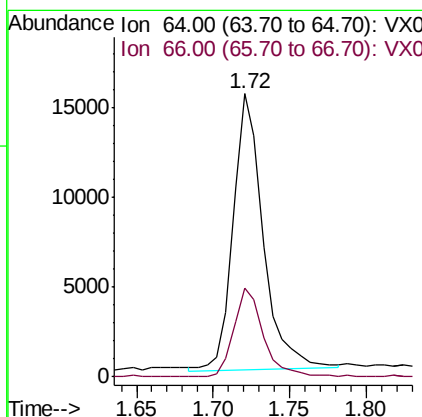
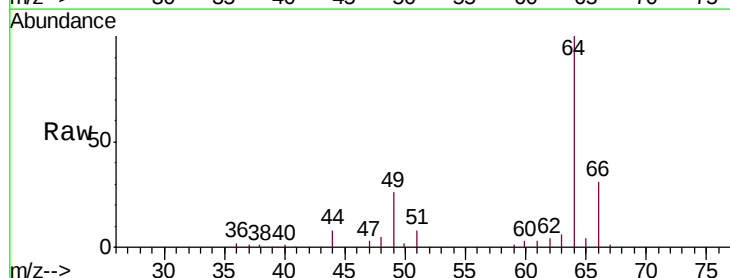
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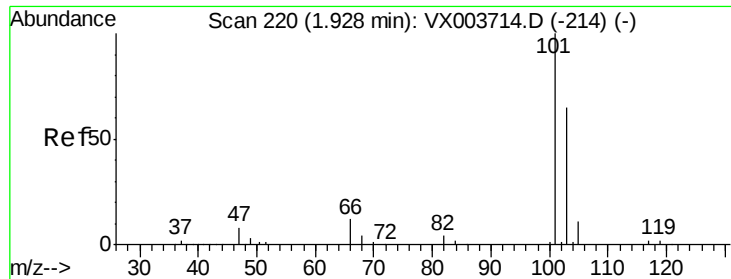
Tgt Ion: 94 Resp: 17944
 Ion Ratio Lower Upper
 94 100
 96 91.9 75.7 113.5



#6
 Chloroethane
 Concen: 18.242 ug/l
 RT: 1.72 min Scan# 186
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

Tgt Ion: 64 Resp: 21031
 Ion Ratio Lower Upper
 64 100
 66 32.3 24.3 36.5



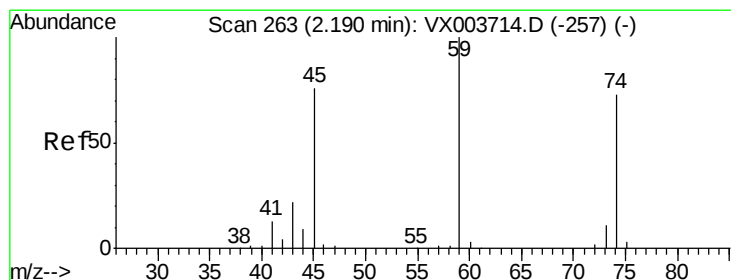
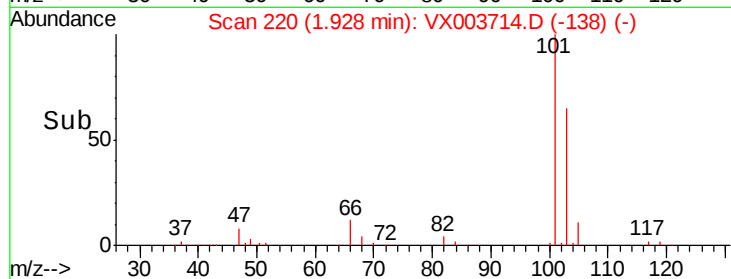
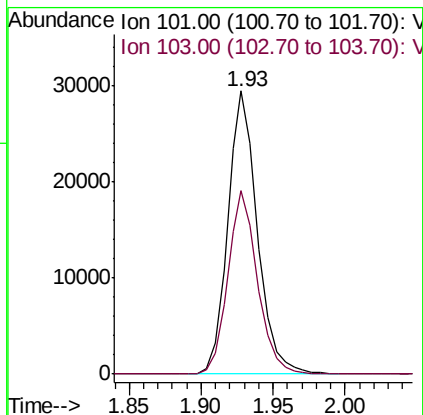
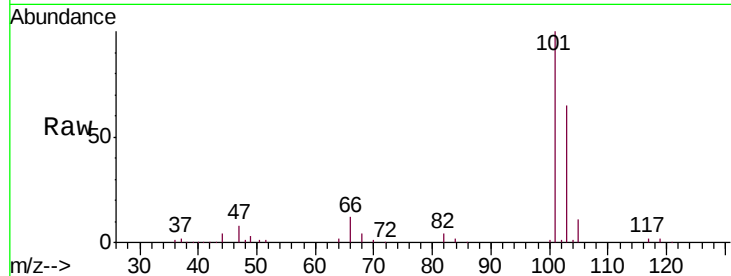


#7

Trichlorofluoromethane
 Concen: 17.874 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

Instrument :
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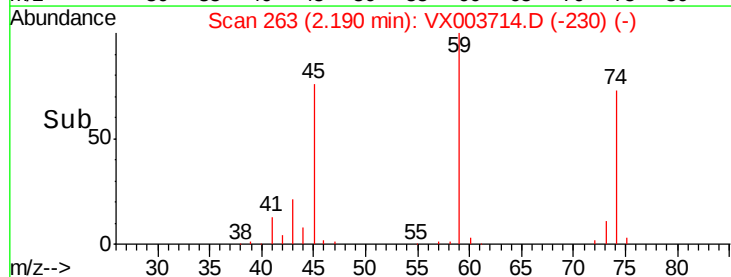
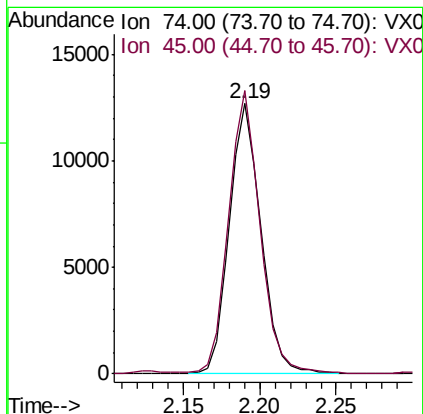
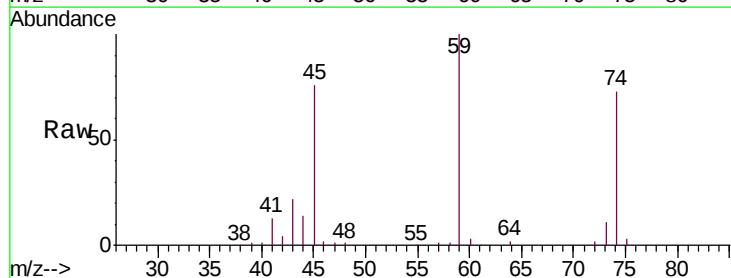
Tgt Ion: 101 Resp: 42343
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.5 77.3

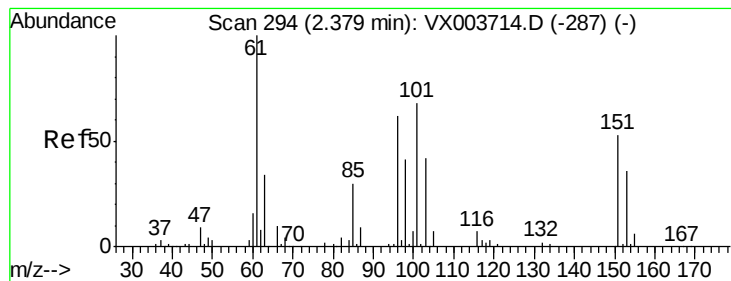


#8

Diethyl Ether
 Concen: 17.888 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

Tgt Ion: 74 Resp: 18164
 Ion Ratio Lower Upper
 74 100
 45 104.3 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.132 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

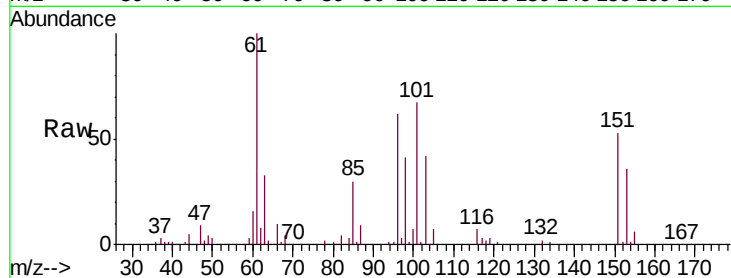
Tgt Ion:101 Resp: 26045

Ion Ratio Lower Upper

101 100

85 44.1 0.0 87.0

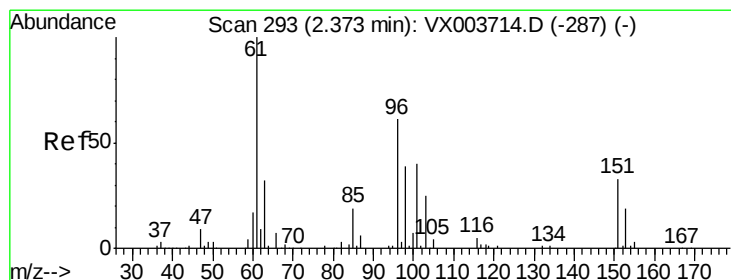
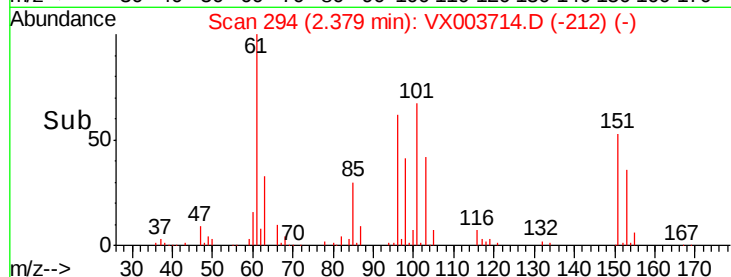
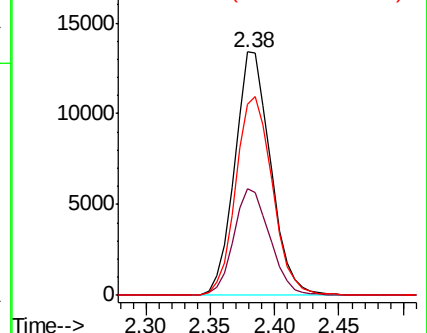
151 83.1 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.981 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

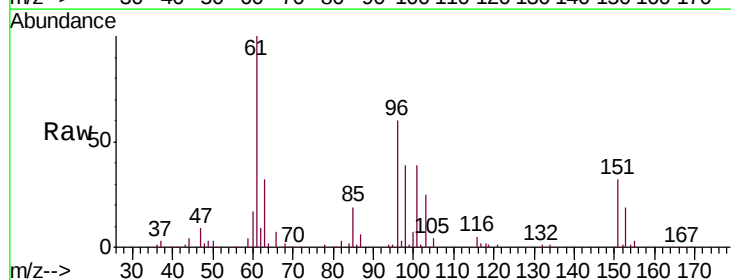
Tgt Ion: 96 Resp: 24285

Ion Ratio Lower Upper

96 100

61 165.4 137.5 206.3

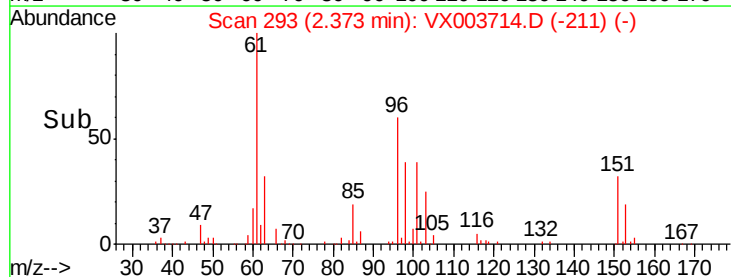
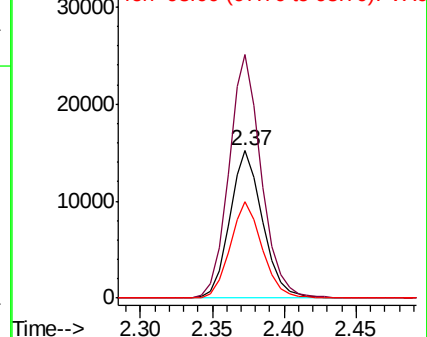
98 65.1 51.4 77.2

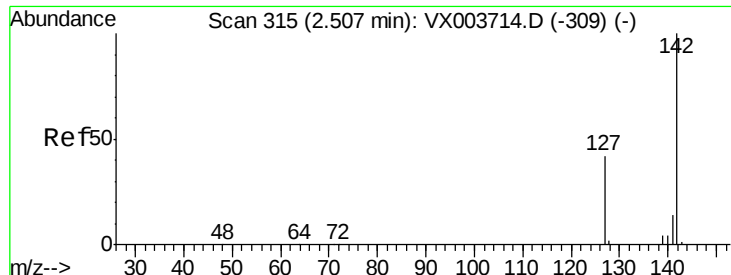


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

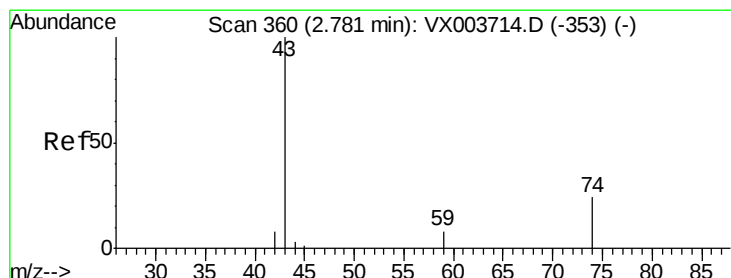
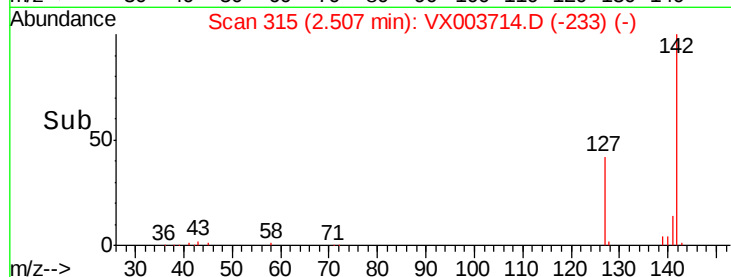
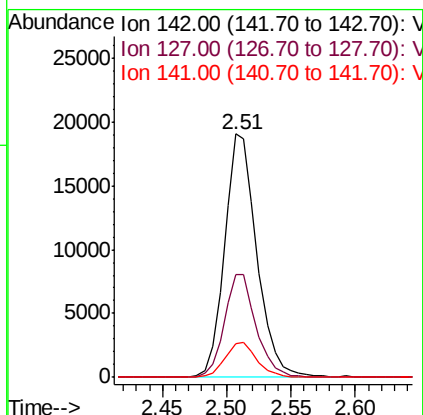
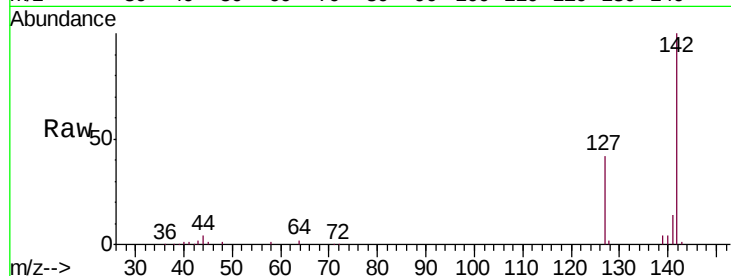




#11
Methyl Iodide
Concen: 17.809 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

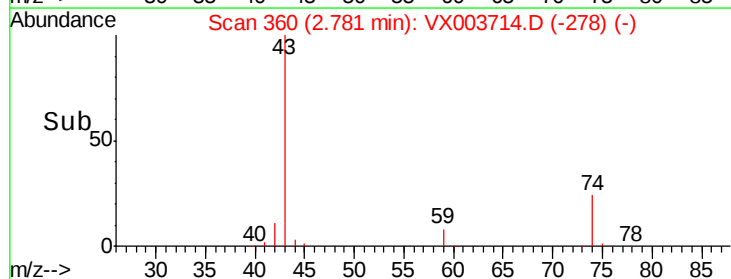
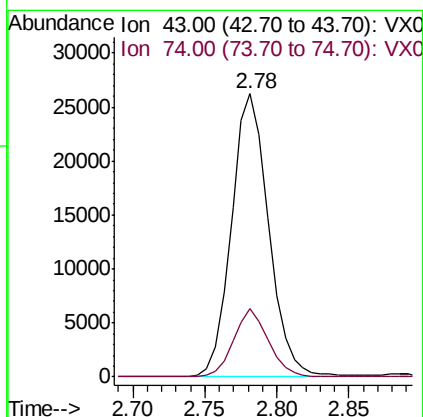
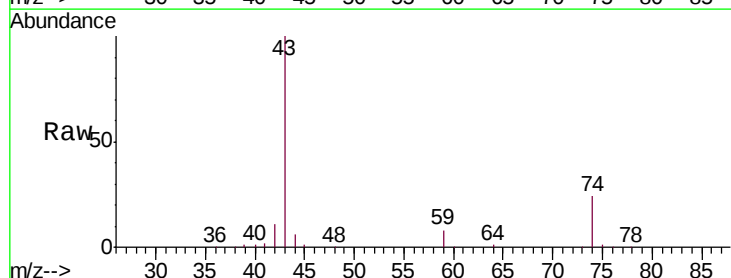
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

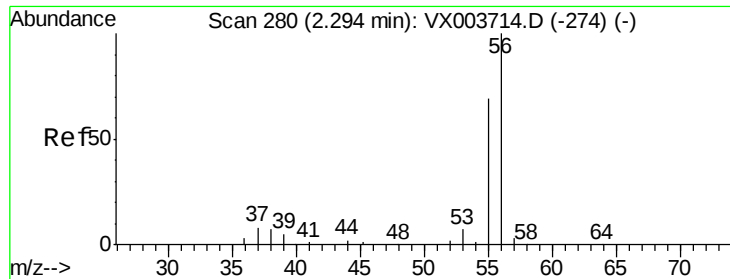
Tgt Ion: 142 Resp: 33341
Ion Ratio Lower Upper
142 100
127 42.1 23.2 69.6
141 13.8 7.4 22.2



#12
Methyl Acetate
Concen: 18.714 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Tgt Ion: 43 Resp: 46767
Ion Ratio Lower Upper
43 100
74 24.0 16.4 24.6





#13

Acrolein

Concen: 102.230 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

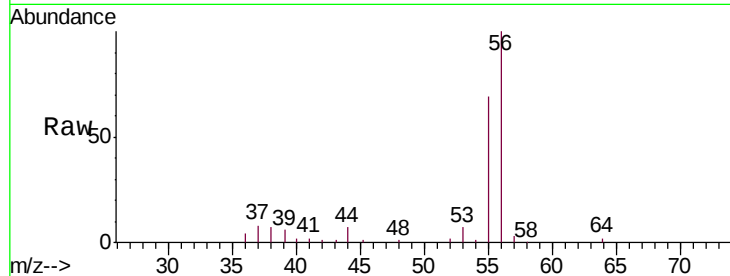
VSTDICCC020

Tgt Ion: 56 Resp: 19926

Ion Ratio Lower Upper

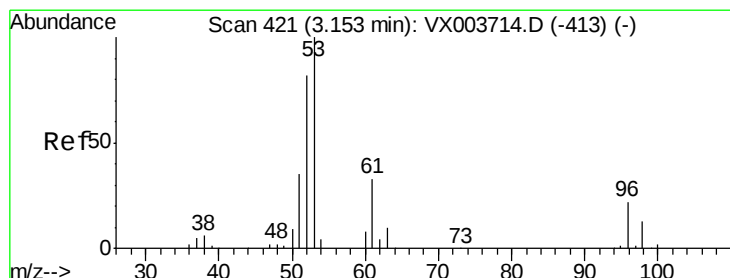
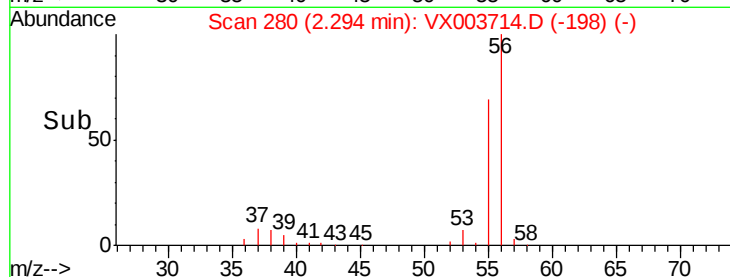
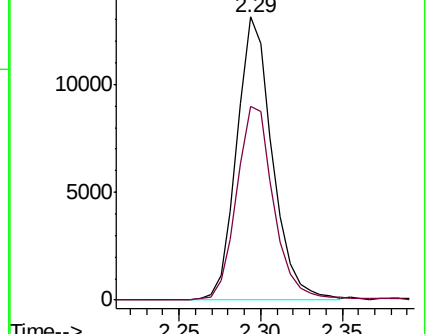
56 100

55 71.5 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 91.738 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

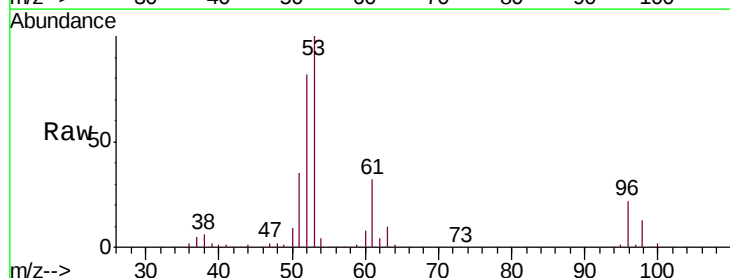
Tgt Ion: 53 Resp: 90336

Ion Ratio Lower Upper

53 100

52 81.8 41.5 124.6

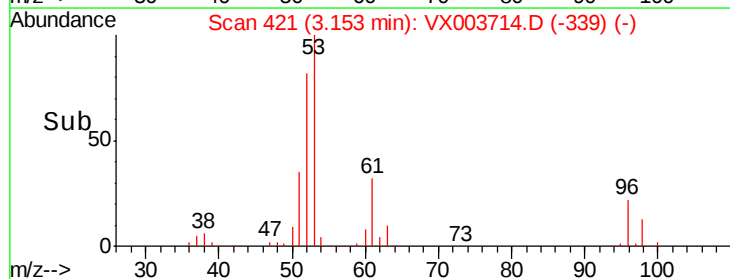
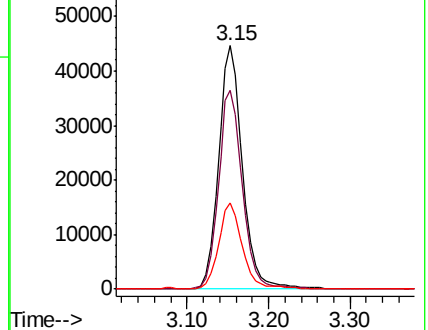
51 35.8 17.9 53.8

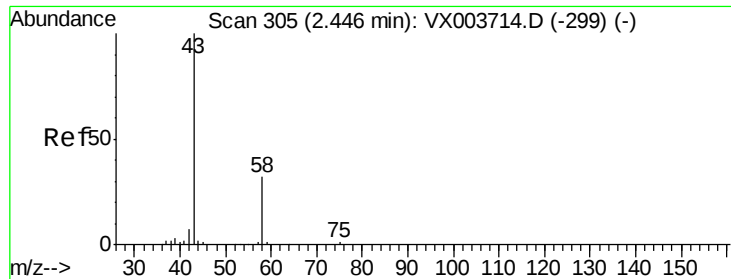


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 92.050 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

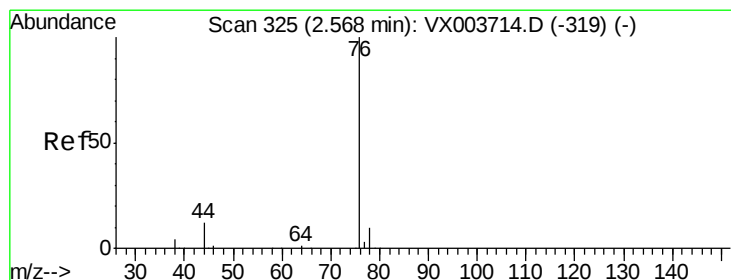
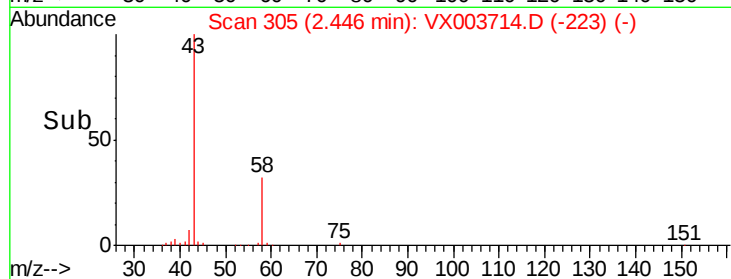
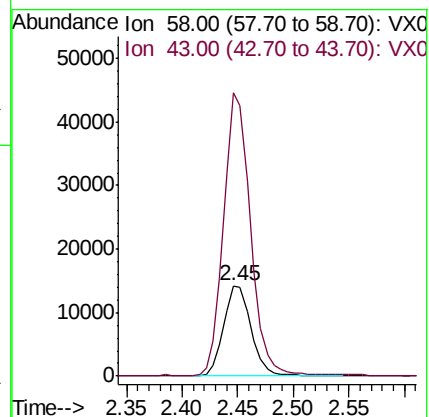
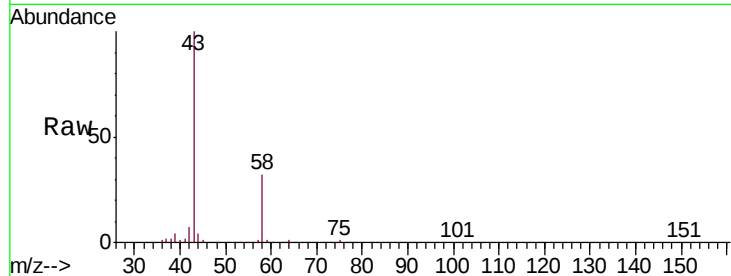
VSTDICCC020

Tgt Ion: 58 Resp: 24597

Ion Ratio Lower Upper

58 100

43 311.7 278.8 418.2



#16

Carbon Disulfide

Concen: 17.715 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003714.D

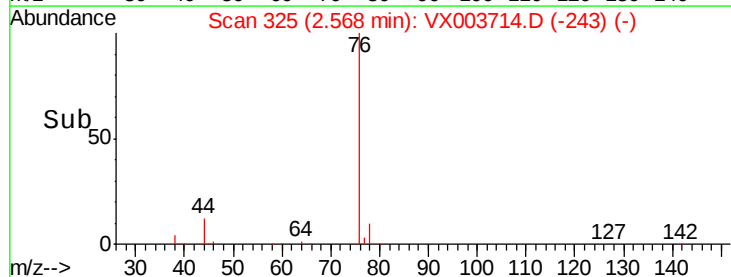
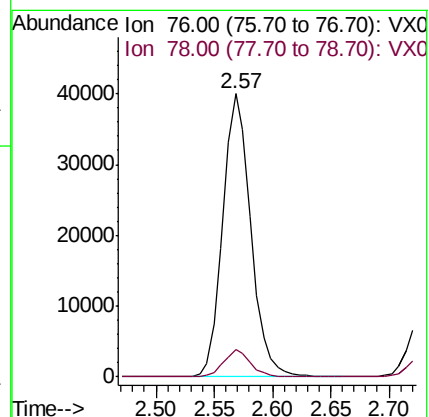
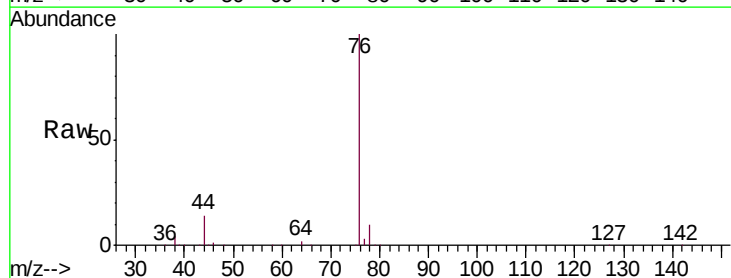
Acq: 27 Jul 2018 13:57

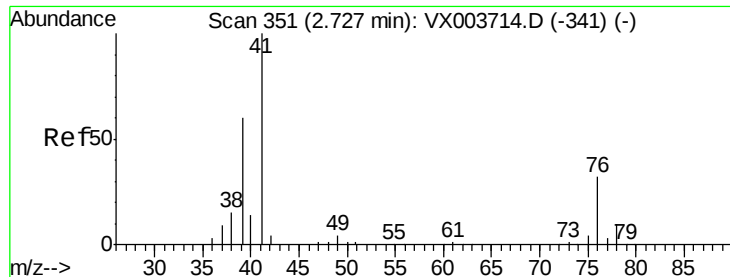
Tgt Ion: 76 Resp: 66445

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0

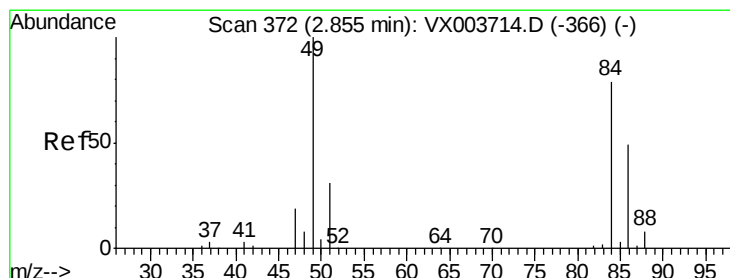
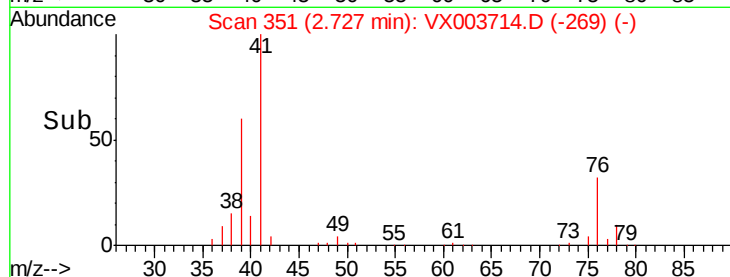
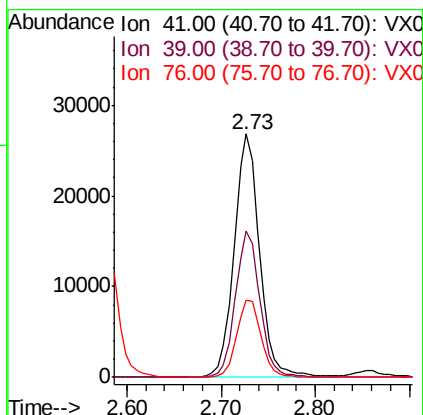
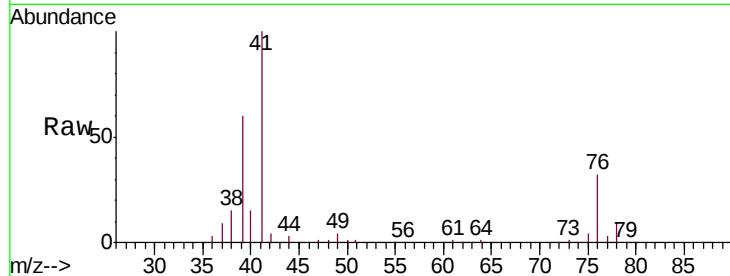




#17
 Allyl chloride
 Concen: 18.017 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

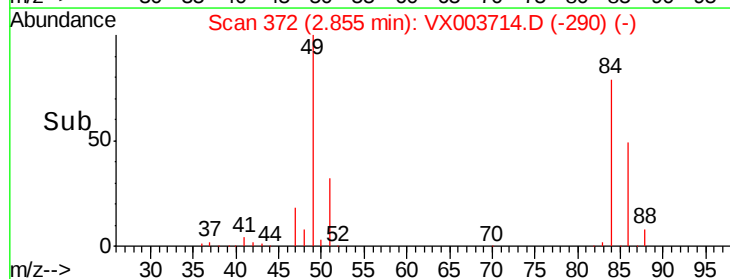
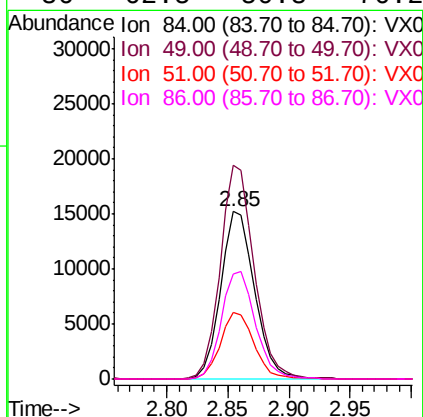
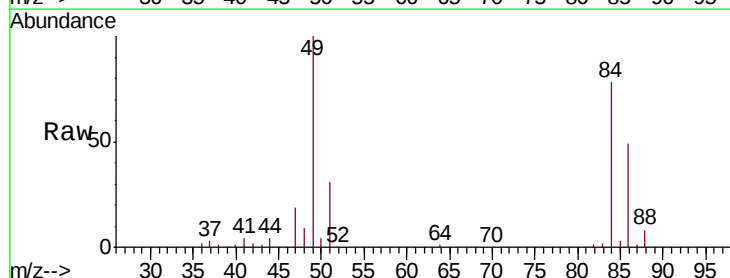
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

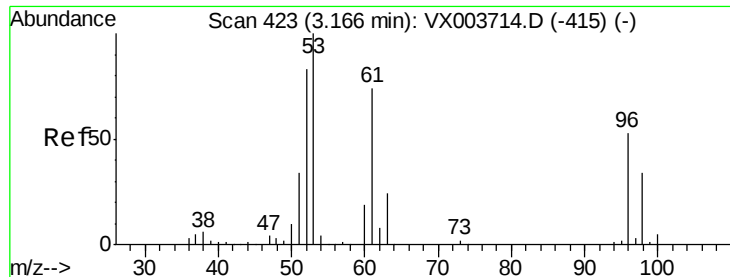
Tgt Ion: 41 Resp: 50361
 Ion Ratio Lower Upper
 41 100
 39 60.2 34.6 103.8
 76 31.6 15.0 45.1



#18
 Methylene Chloride
 Concen: 18.321 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

Tgt Ion: 84 Resp: 29312
 Ion Ratio Lower Upper
 84 100
 49 127.8 104.7 157.1
 51 39.9 31.0 46.4
 86 62.5 50.8 76.2

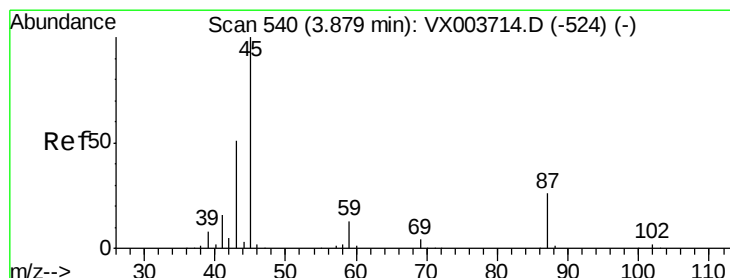
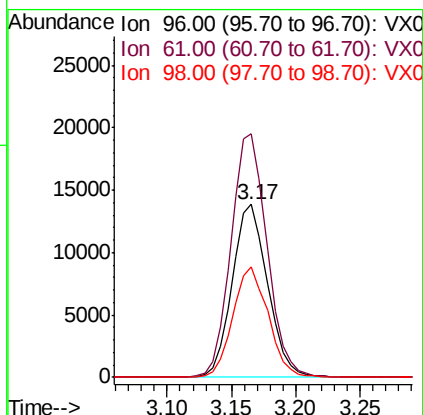
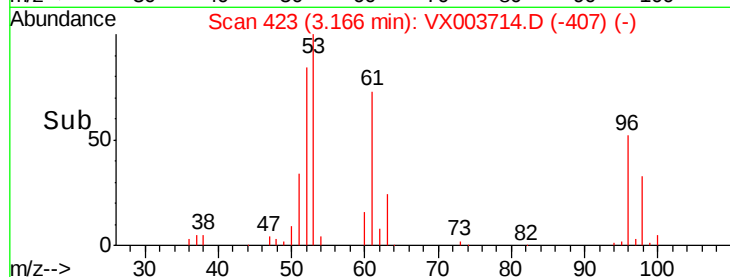
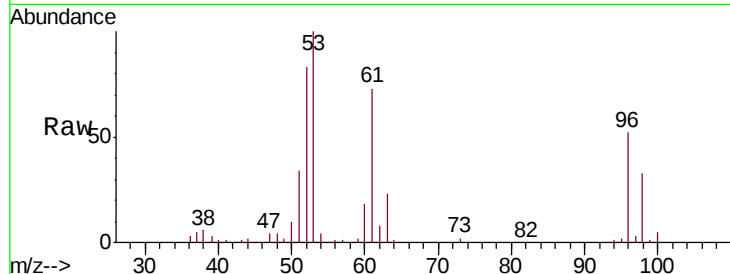




#19
trans-1,2-Dichloroethene
Concen: 18.253 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

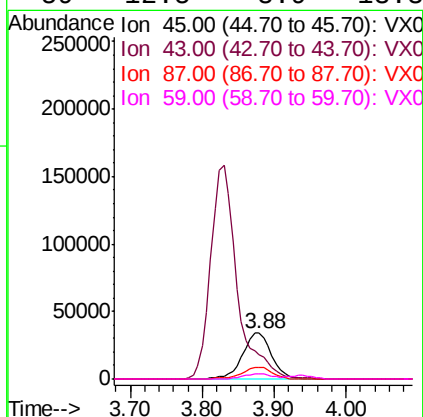
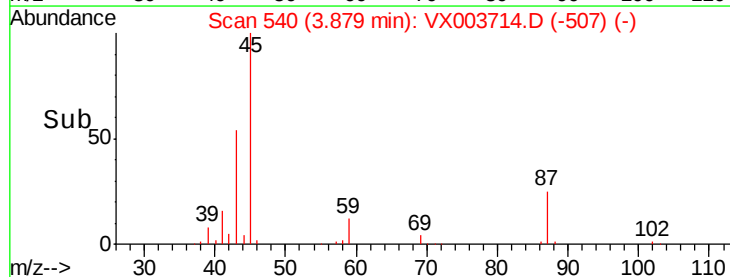
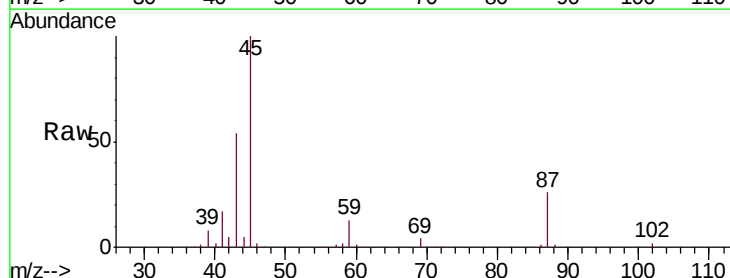
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

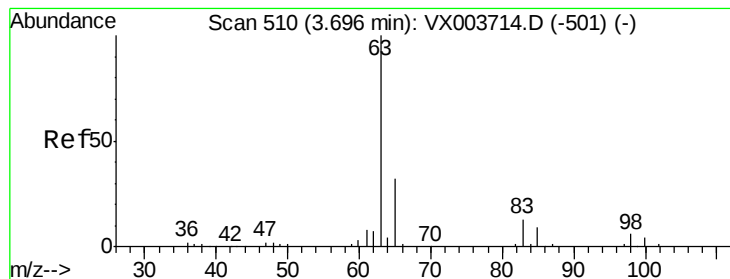
Tgt Ion: 96 Resp: 26648
Ion Ratio Lower Upper
96 100
61 140.8 114.6 172.0
98 64.0 51.3 76.9



#20
Diisopropyl ether
Concen: 18.536 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Tgt Ion: 45 Resp: 95147
Ion Ratio Lower Upper
45 100
43 53.4 45.6 68.4
87 25.5 20.7 31.1
59 12.5 8.9 13.3





#21

1,1-Dichloroethane

Concen: 18.232 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

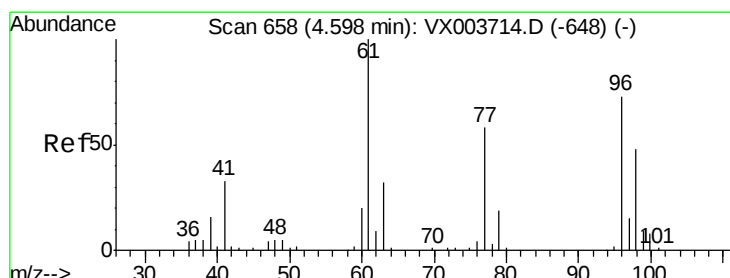
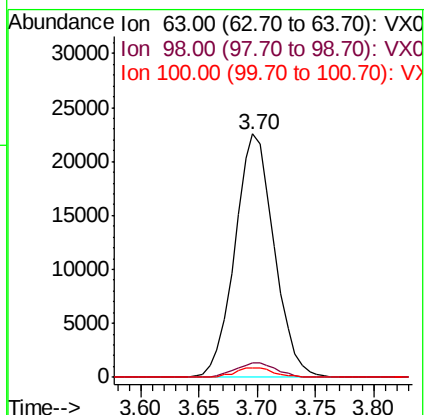
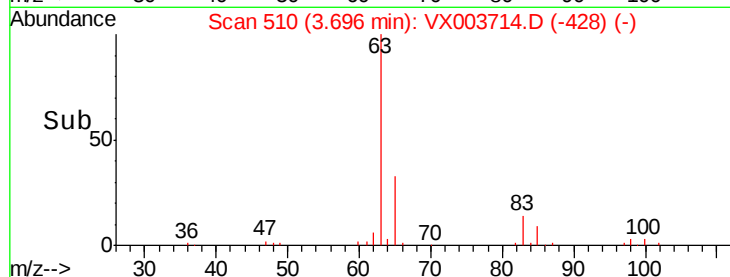
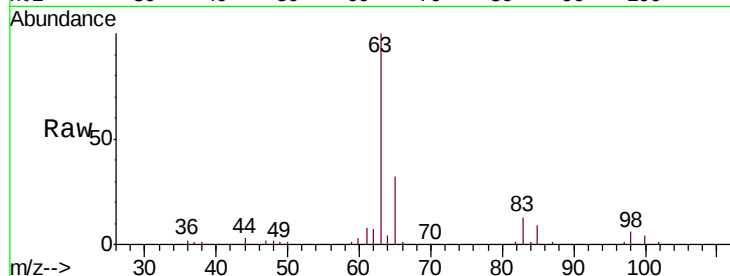
Tgt Ion: 63 Resp: 52981

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

100 3.7 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 19.447 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

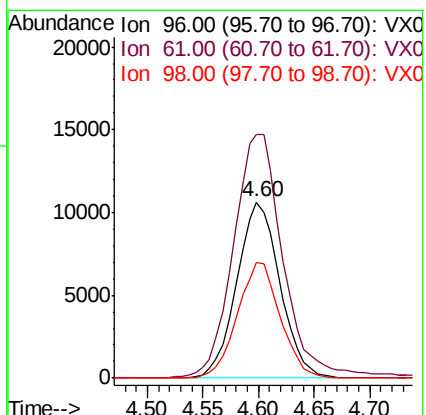
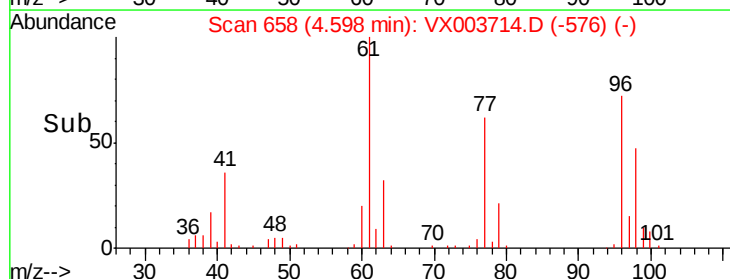
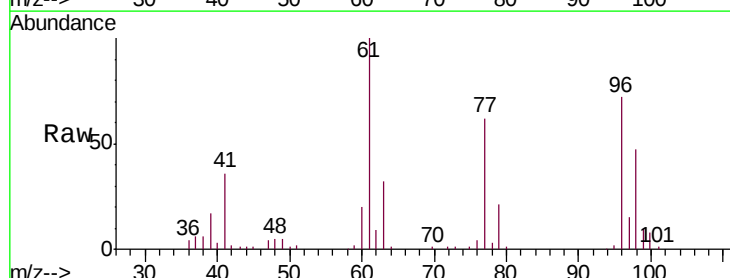
Tgt Ion: 96 Resp: 28671

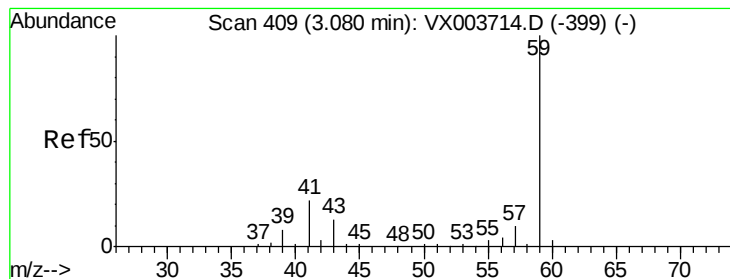
Ion Ratio Lower Upper

96 100

61 160.7 160.2 240.2

98 65.2 54.1 81.1



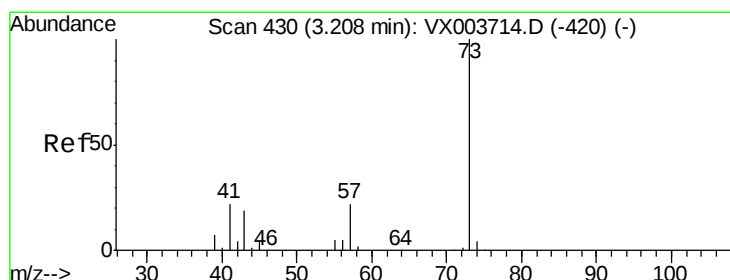
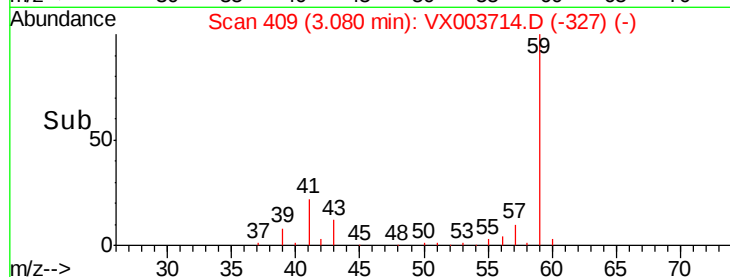
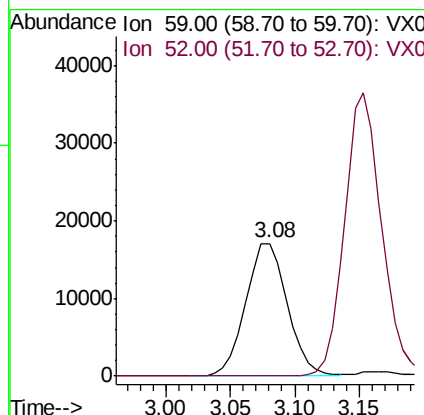
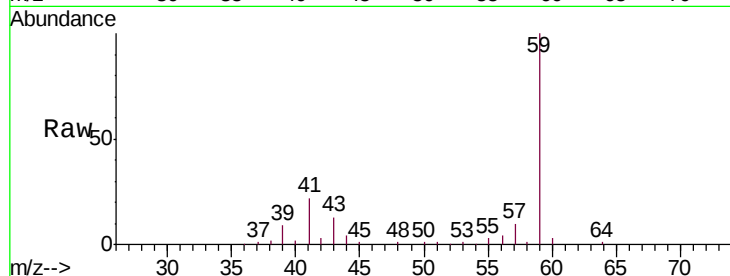


#23

tert-Butyl Alcohol
 Concen: 92.778 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

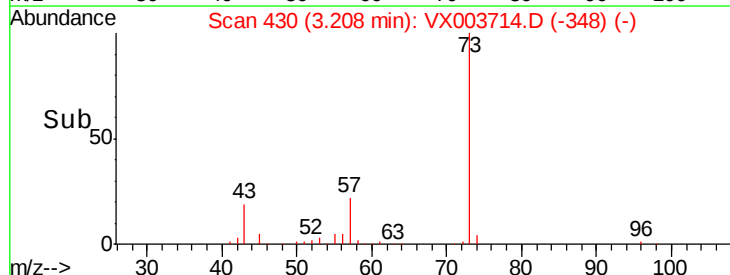
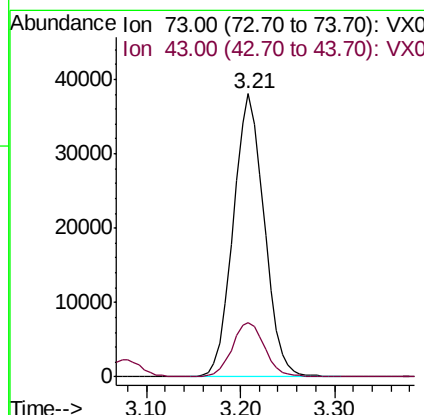
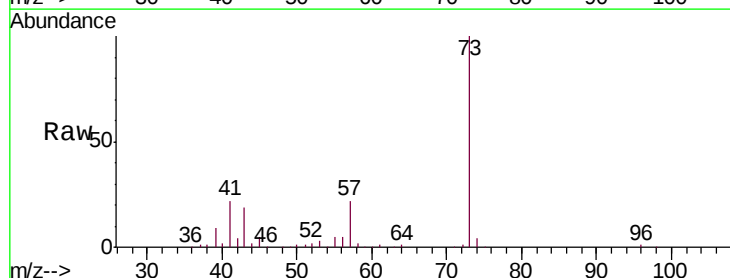
Tgt Ion: 59 Resp: 38376
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

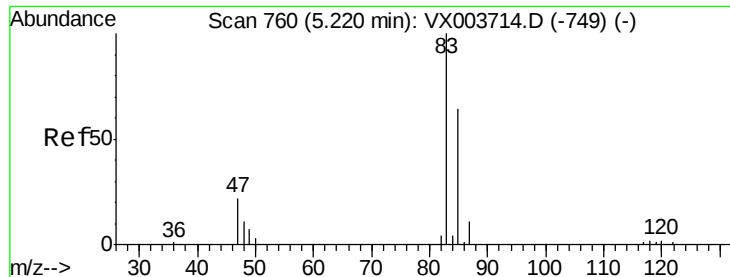


#24

Methyl tert-Butyl Ether
 Concen: 17.990 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

Tgt Ion: 73 Resp: 87142
 Ion Ratio Lower Upper
 73 100
 43 19.7 19.0 28.4

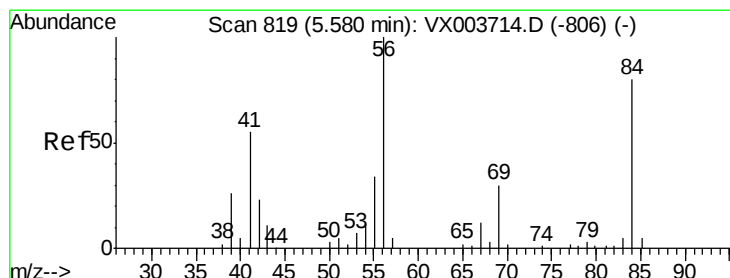
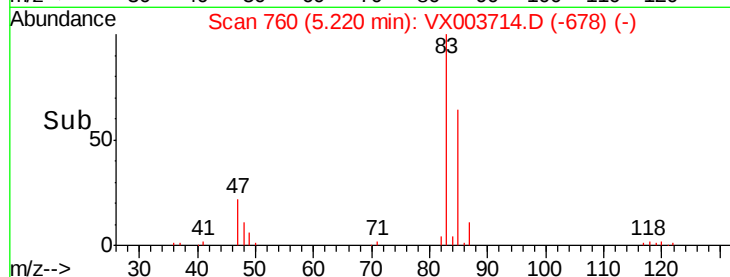
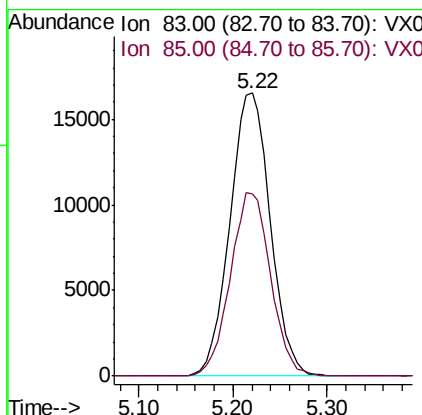
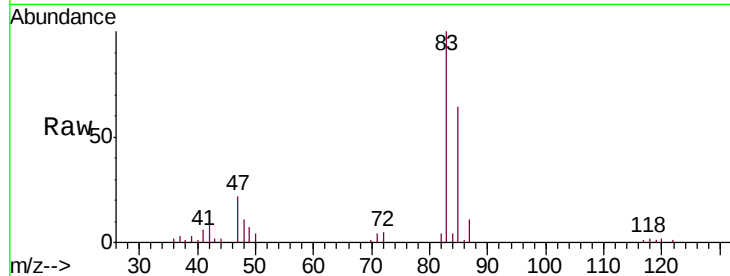




#25
Chloroform
Concen: 19.641 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

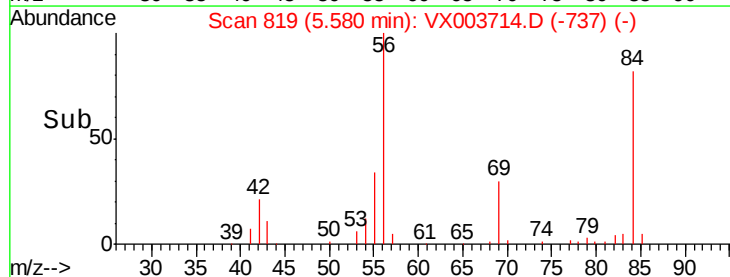
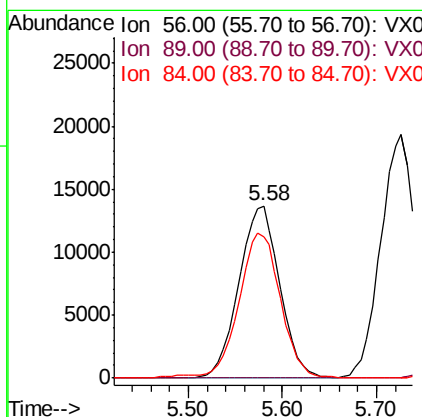
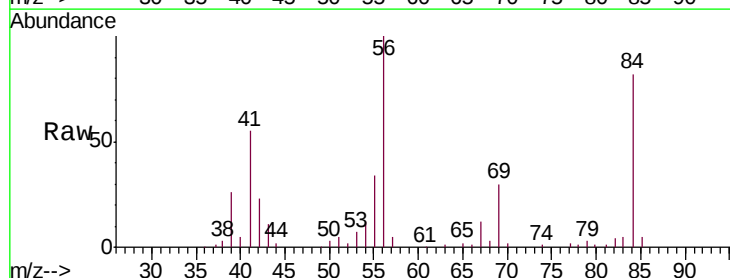
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

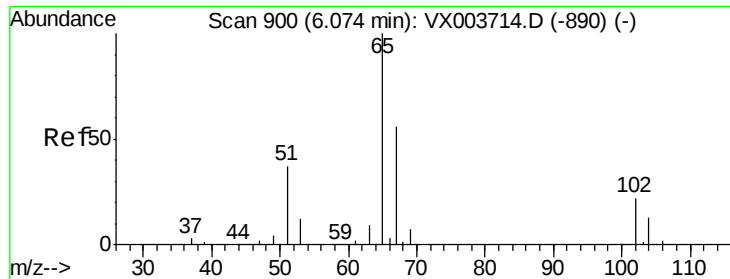
Tgt Ion: 83 Resp: 49430
Ion Ratio Lower Upper
83 100
85 64.4 51.9 77.9



#26
Cyclohexane
Concen: 19.008 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Tgt Ion: 56 Resp: 41496
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 84.7 64.9 97.3

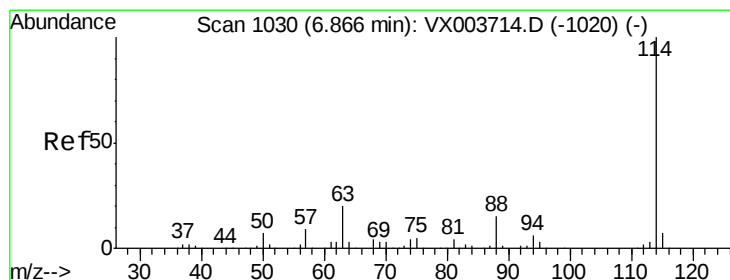
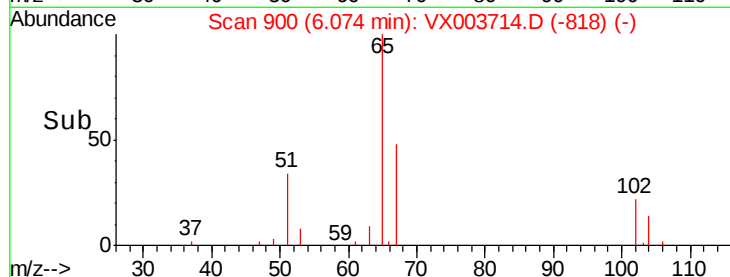
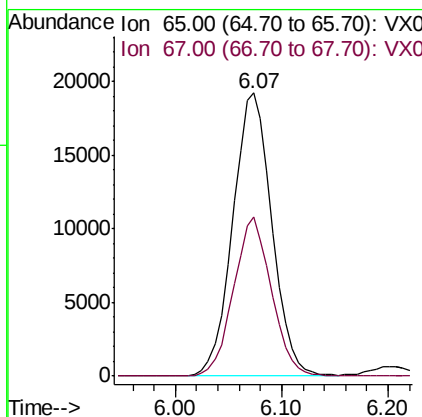
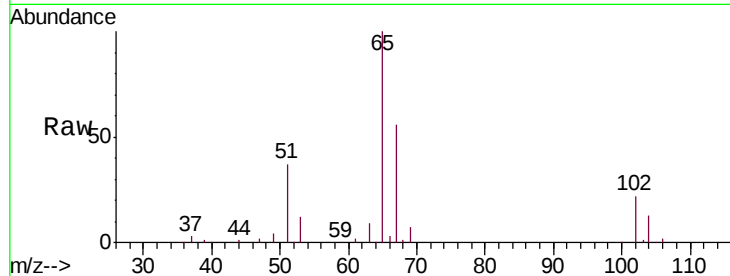




#27
 1,2-Dichloroethane-d4
 Concen: 28.590 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

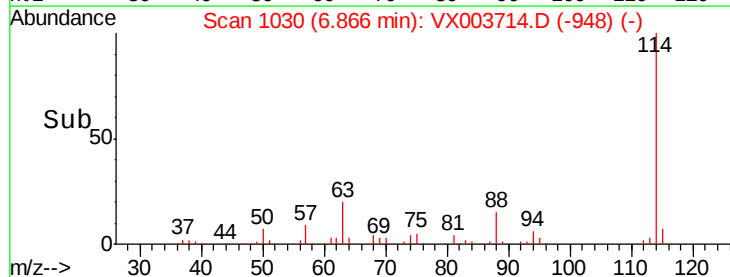
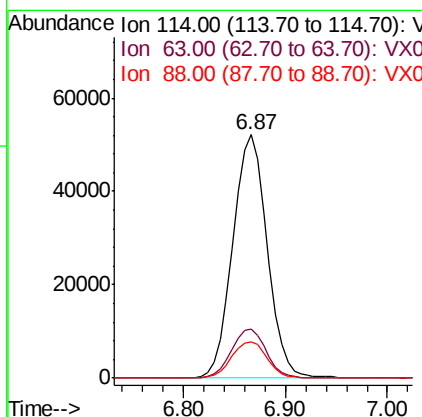
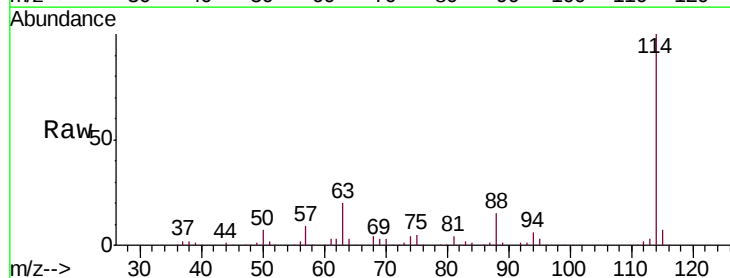
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

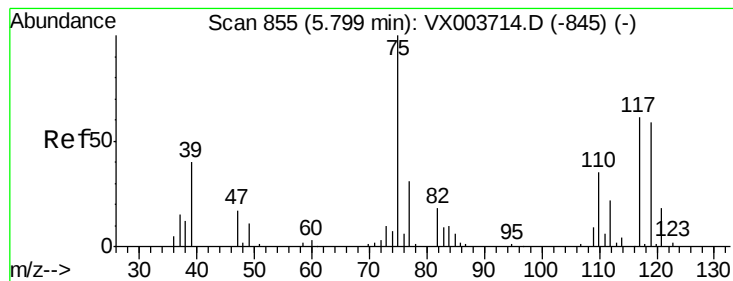
Tgt Ion: 65 Resp: 49446
 Ion Ratio Lower Upper
 65 100
 67 54.3 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

Tgt Ion: 114 Resp: 122052
 Ion Ratio Lower Upper
 114 100
 63 20.4 17.1 25.7
 88 15.4 12.6 19.0





#29

1,1-Dichloropropene

Concen: 19.668 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

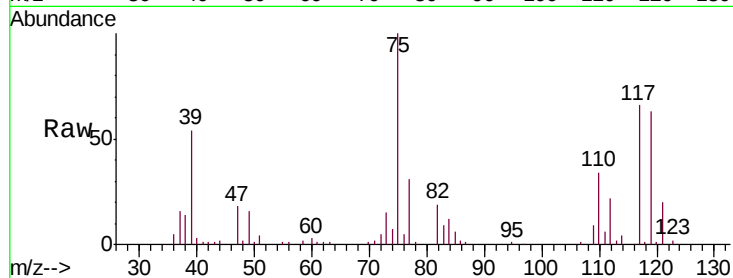
Tgt Ion: 75 Resp: 35450

Ion Ratio Lower Upper

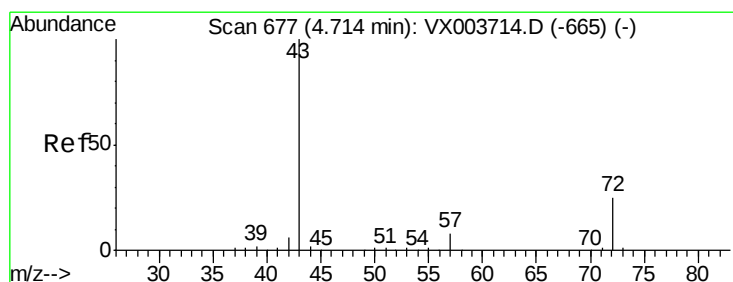
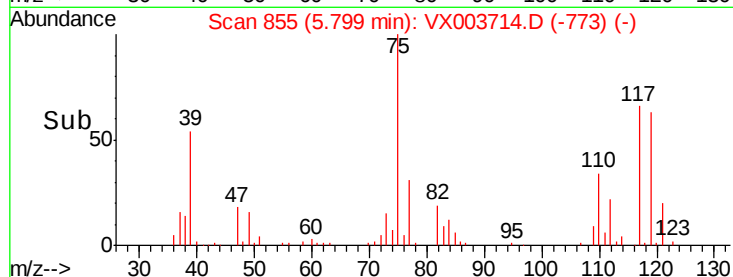
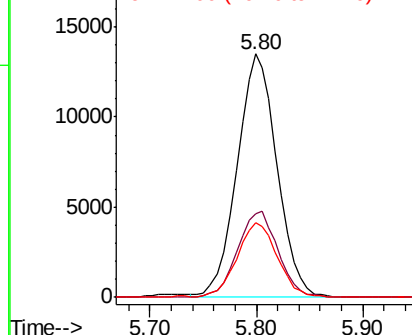
75 100

110 35.8 0.0 71.4

77 31.0 0.0 60.6



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 102.853 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

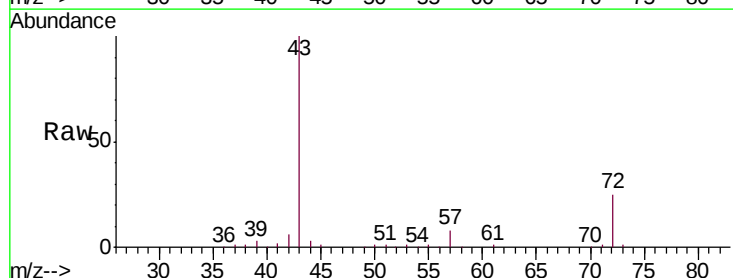
Tgt Ion: 43 Resp: 118383

Ion Ratio Lower Upper

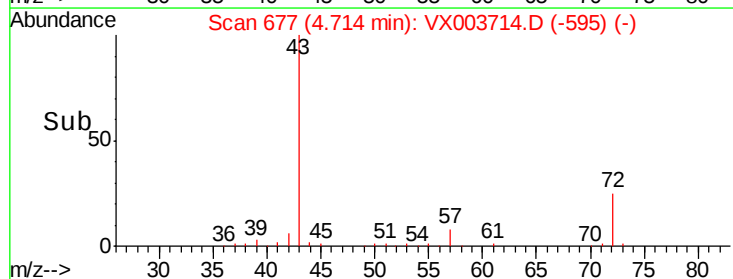
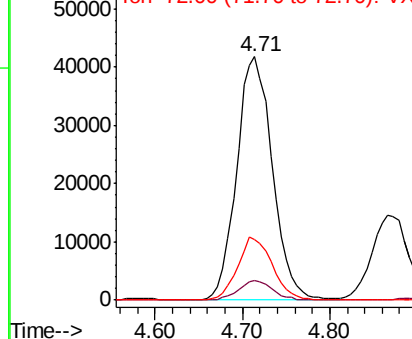
43 100

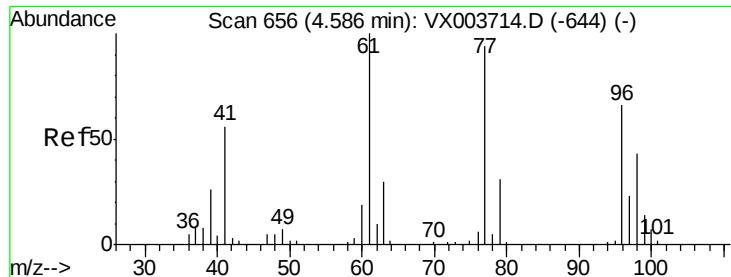
57 7.8 6.1 9.1

72 25.2 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

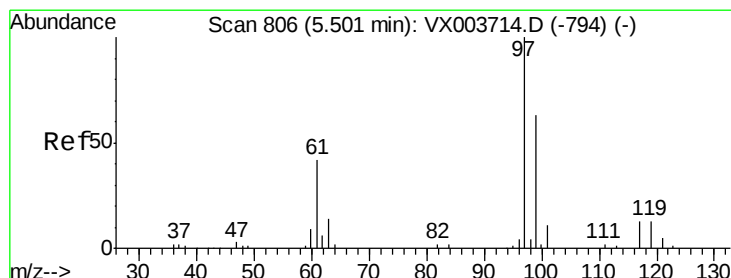
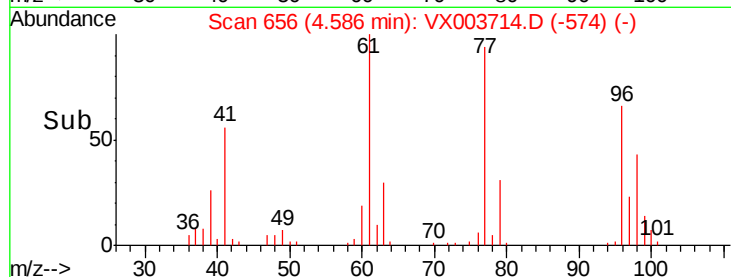
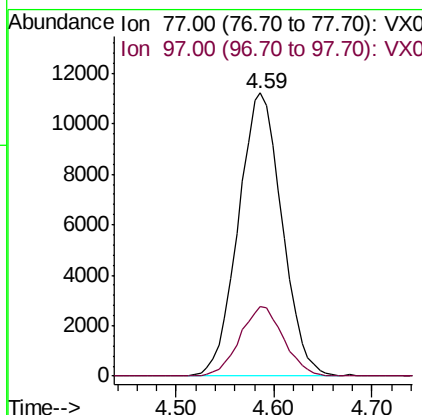
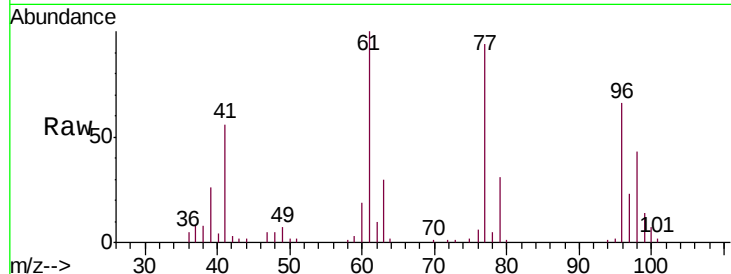




#31
 2,2-Dichloropropane
 Concen: 19.989 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

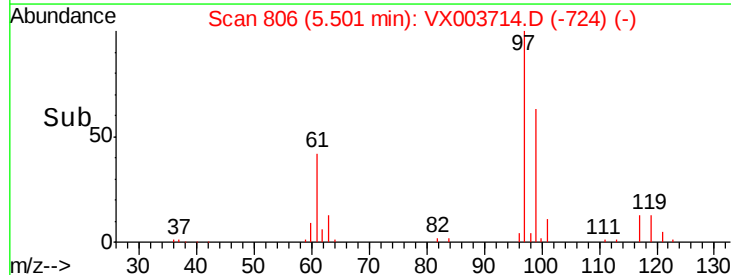
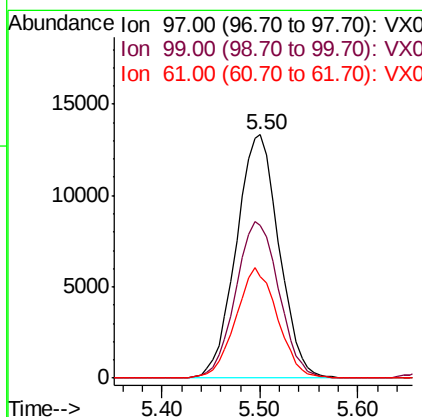
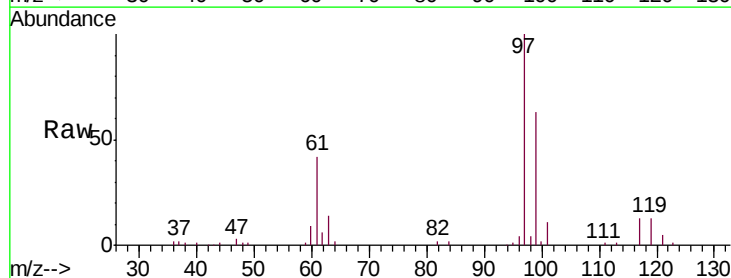
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

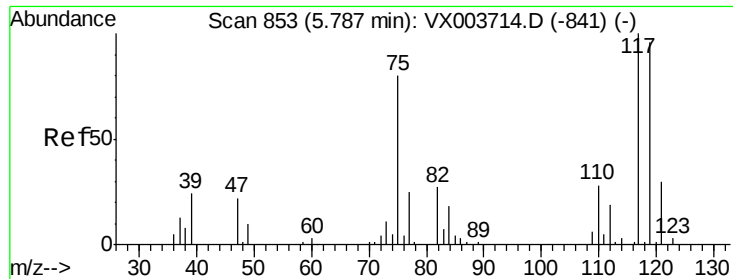
Tgt Ion: 77 Resp: 34897
 Ion Ratio Lower Upper
 77 100
 97 24.4 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 19.642 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

Tgt Ion: 97 Resp: 40505
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.7 77.5
 61 44.2 36.4 54.6

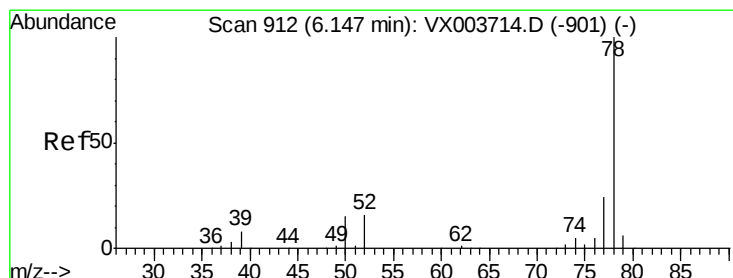
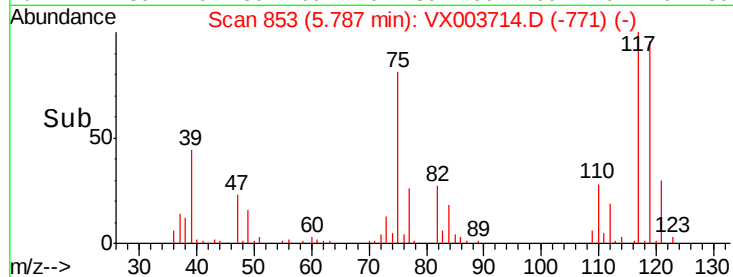
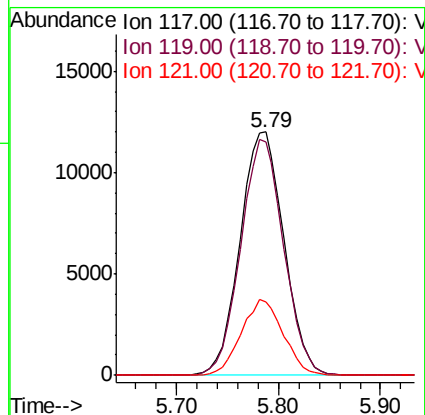
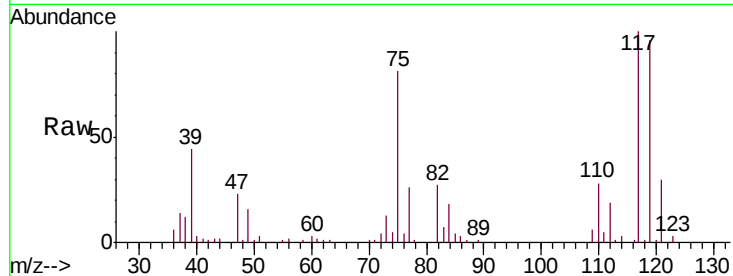




#33
Carbon Tetrachloride
Concen: 19.956 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

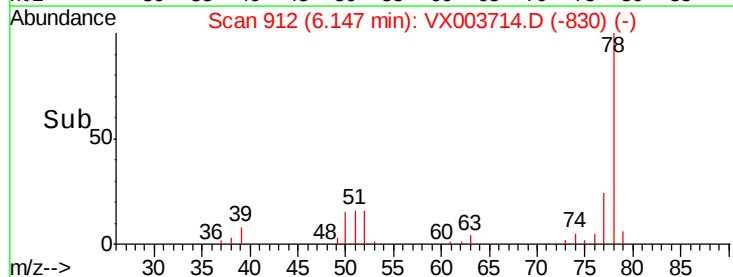
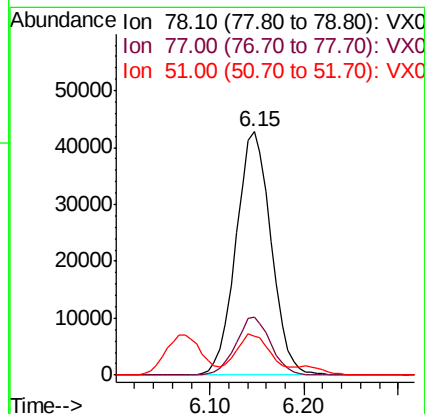
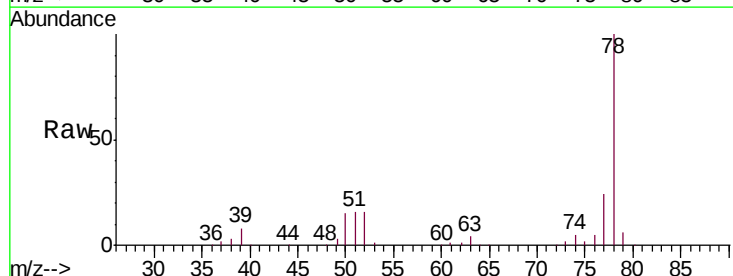
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

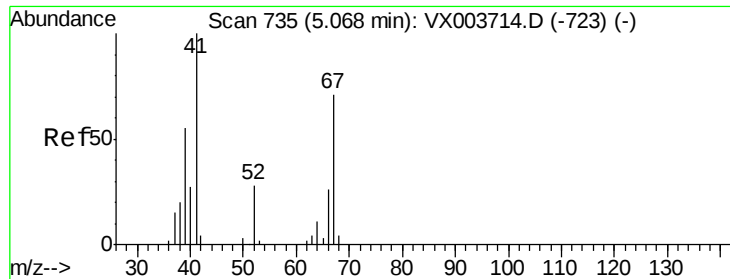
Tgt Ion: 117 Resp: 35761
Ion Ratio Lower Upper
117 100
119 95.7 73.3 109.9
121 30.4 23.6 35.4



#34
Benzene
Concen: 20.118 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Tgt Ion: 78 Resp: 111399
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0
51 15.8 13.8 20.6

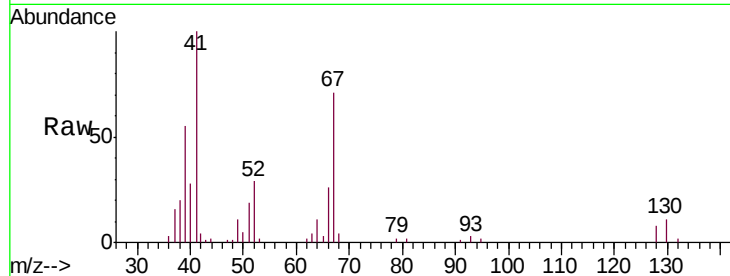




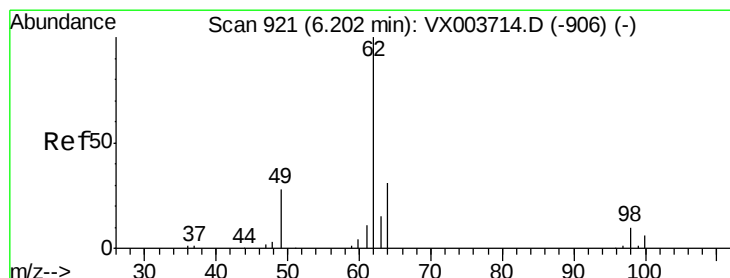
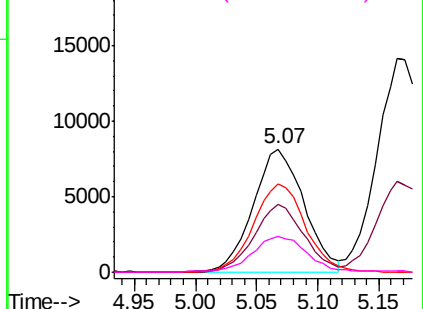
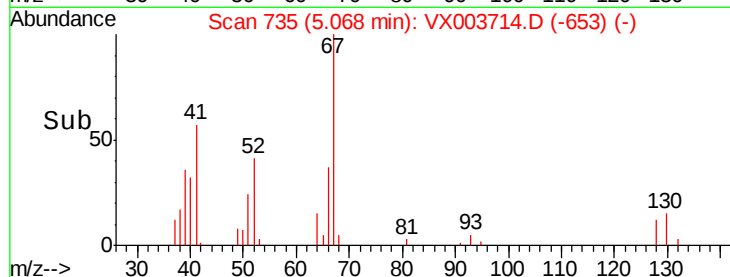
#35
Methacrylonitrile
Concen: 19.813 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:	41	Resp:	23698
Ion	Ratio	Lower	Upper
41	100		
39	54.5	28.8	86.5
67	71.0	30.4	91.2
52	28.3	13.0	39.0

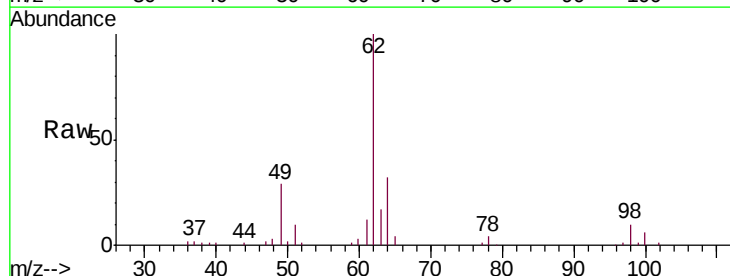


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

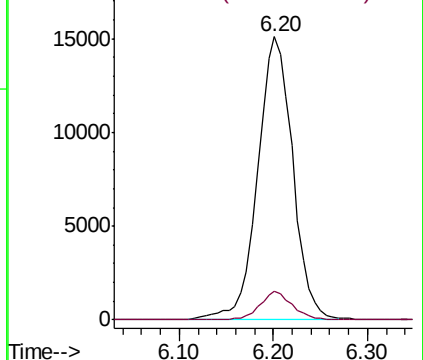
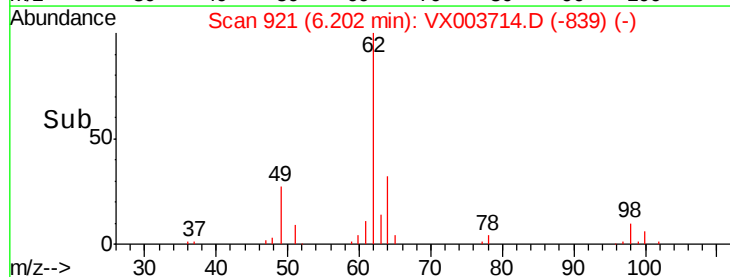


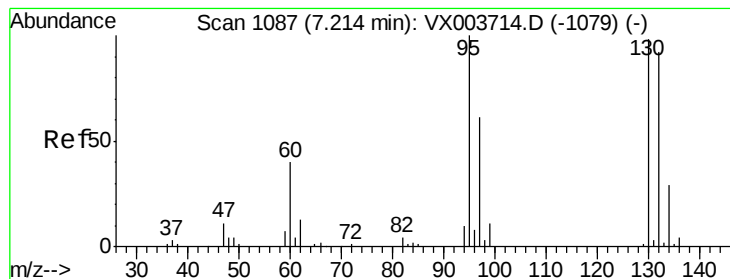
#36
1,2-Dichloroethane
Concen: 19.784 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Tgt Ion:	62	Resp:	39377
Ion	Ratio	Lower	Upper
62	100		
98	9.3	6.5	9.7



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





#37

Trichloroethene

Concen: 19.781 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

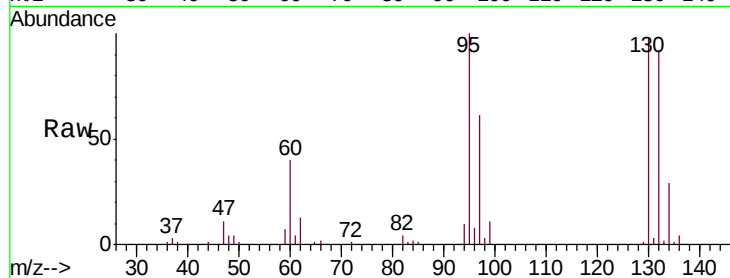
VSTDICCC020

Tgt Ion:130 Resp: 28549

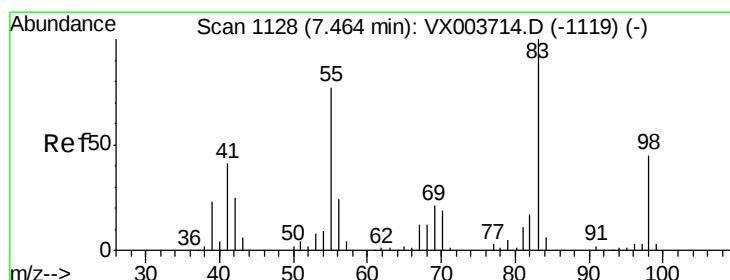
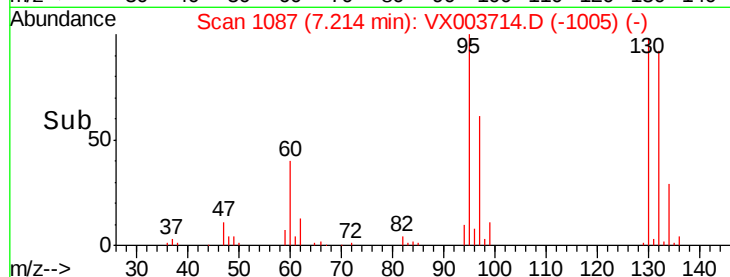
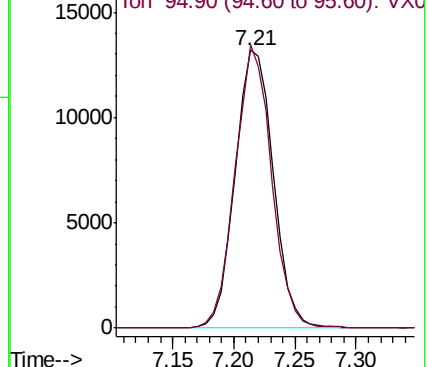
Ion Ratio Lower Upper

130 100

95 101.8 81.5 122.3



Abundance Ion 129.90 (129.60 to 130.60): VX003714.D (-1079) (-)



#38

Methylcyclohexane

Concen: 19.292 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

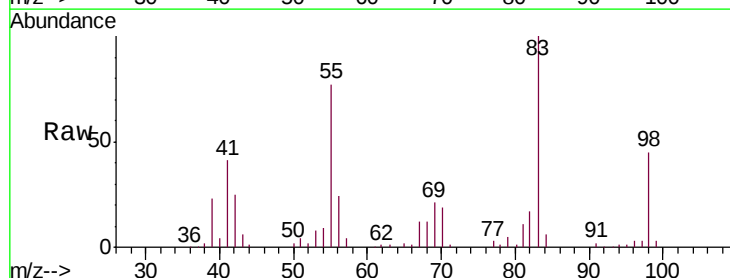
Tgt Ion: 83 Resp: 39512

Ion Ratio Lower Upper

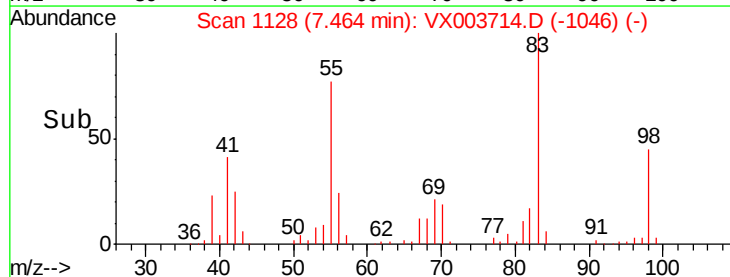
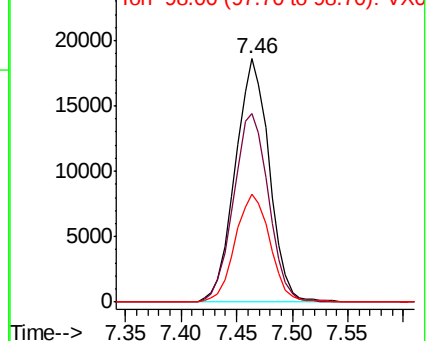
83 100

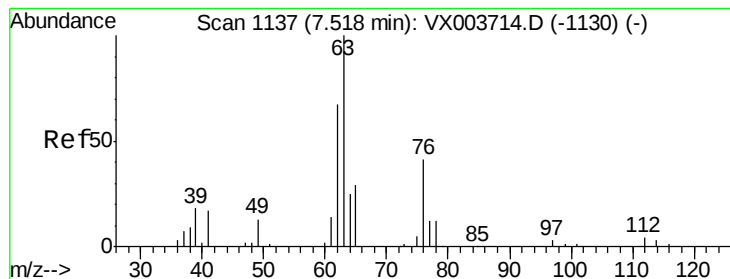
55 79.5 40.6 121.8

98 45.2 23.5 70.5



Abundance Ion 83.00 (82.70 to 83.70): VX003714.D (-1119) (-)





#39

1,2-Dichloropropane

Concen: 19.804 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

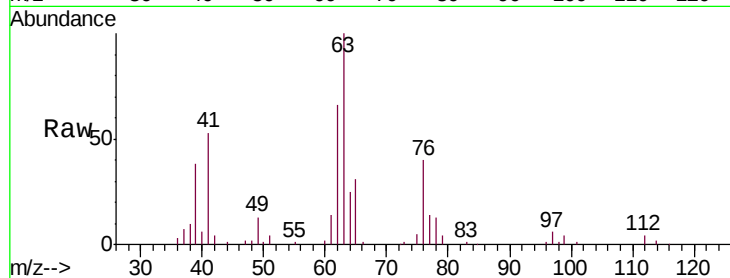
VSTDICCC020

Tgt Ion: 63 Resp: 28980

Ion Ratio Lower Upper

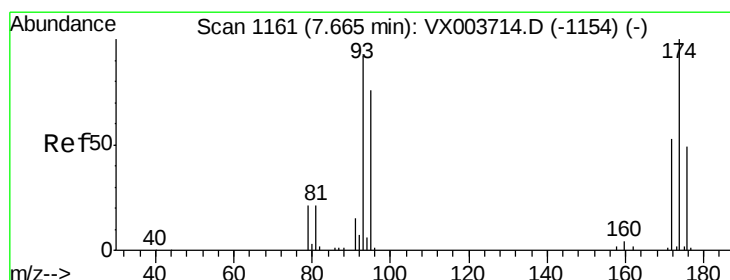
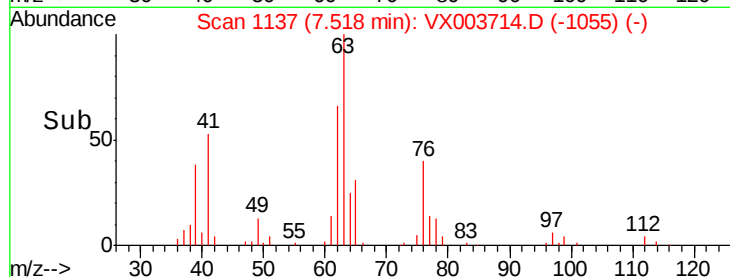
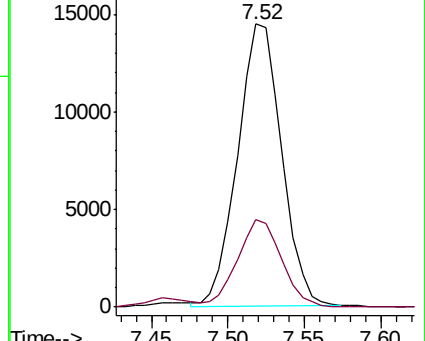
63 100

65 31.1 23.3 34.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 19.910 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

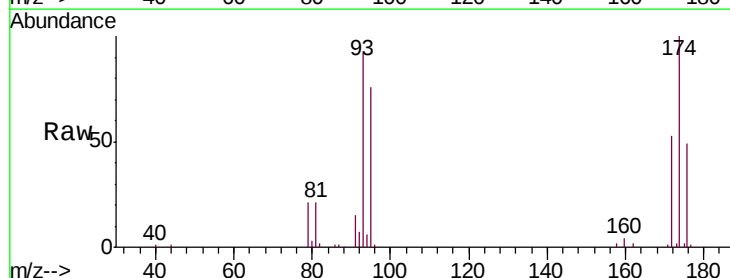
Tgt Ion: 93 Resp: 18855

Ion Ratio Lower Upper

93 100

95 83.3 0.0 162.6

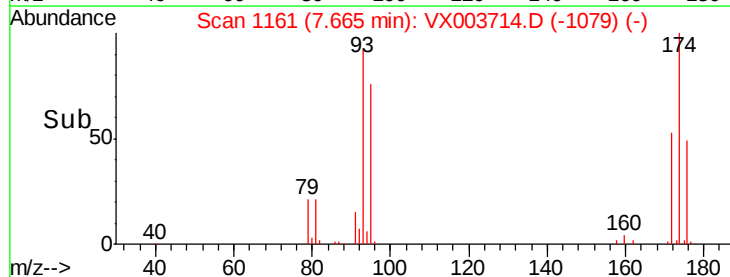
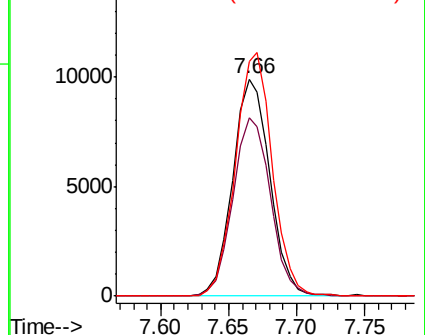
174 111.6 0.0 229.4

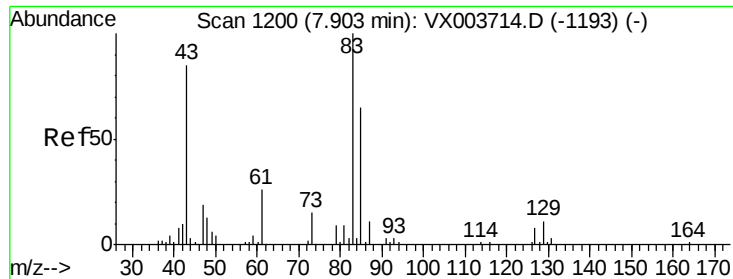


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.237 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

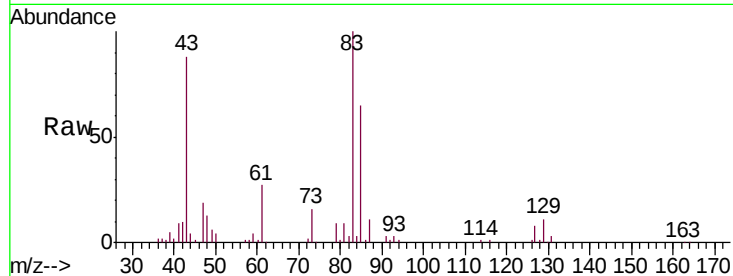
Tgt Ion: 83 Resp: 34805

Ion Ratio Lower Upper

83 100

85 65.0 49.8 74.8

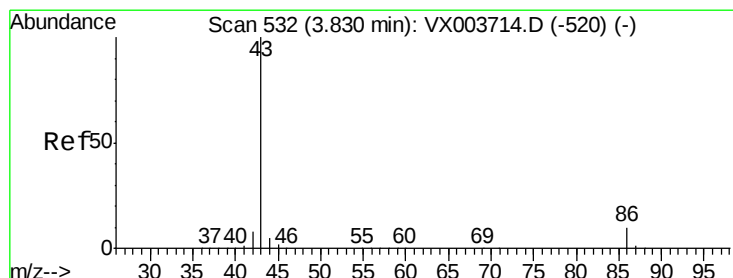
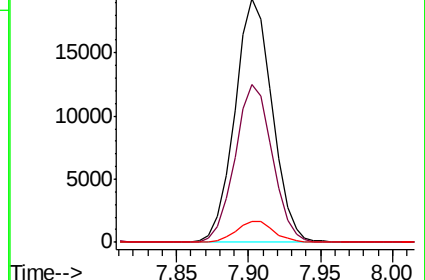
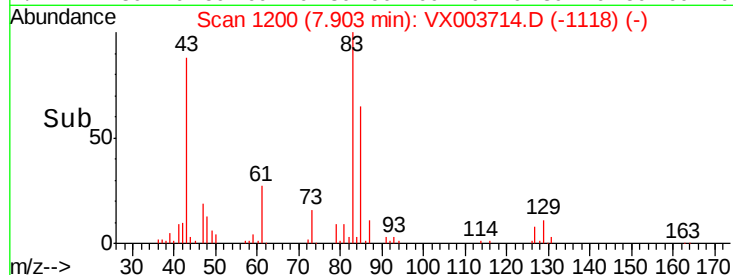
127 8.4 7.3 10.9



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: 92.007 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003714.D

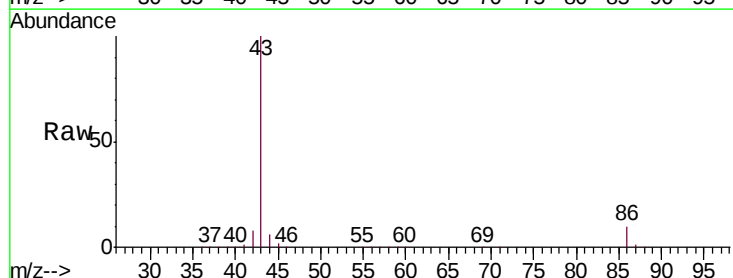
Acq: 27 Jul 2018 13:57

Tgt Ion: 43 Resp: 406918

Ion Ratio Lower Upper

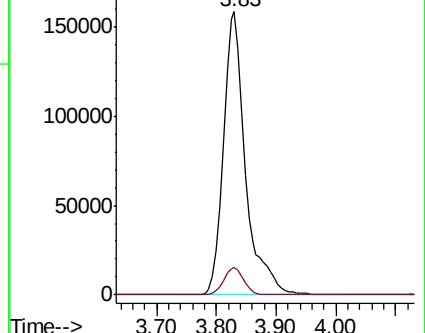
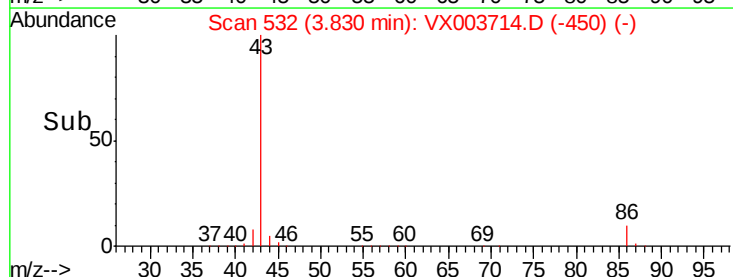
43 100

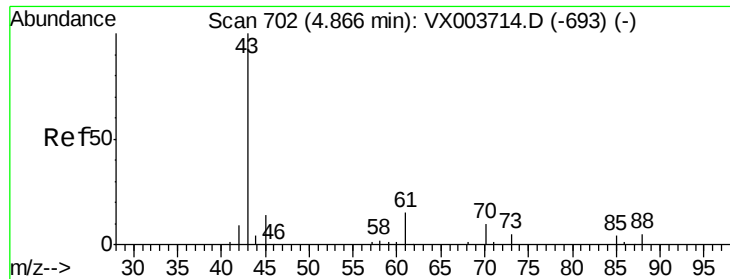
86 8.7 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 20.209 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

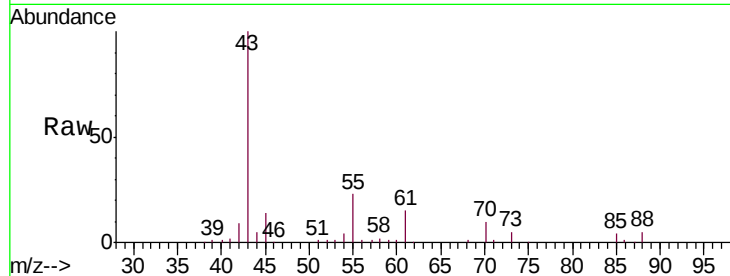
VSTDICCC020

Tgt Ion: 43 Resp: 43448

Ion Ratio Lower Upper

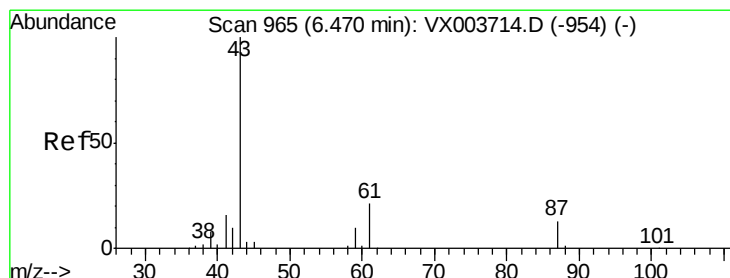
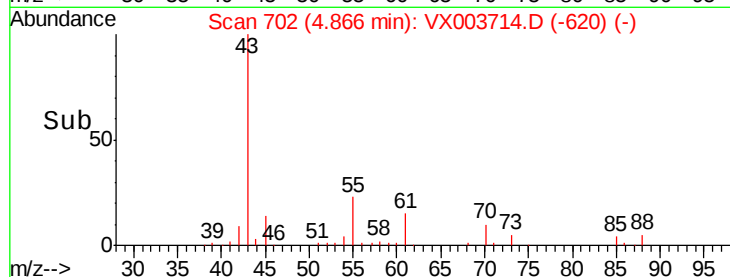
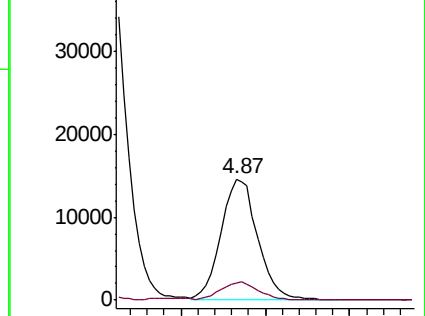
43 100

45 15.7 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 19.519 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003714.D

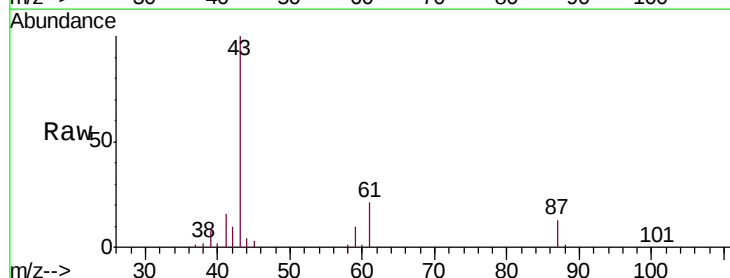
Acq: 27 Jul 2018 13:57

Tgt Ion: 43 Resp: 64365

Ion Ratio Lower Upper

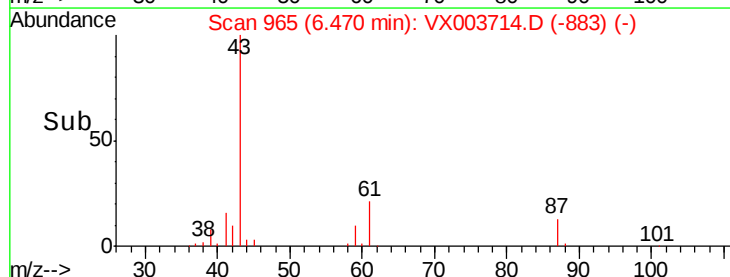
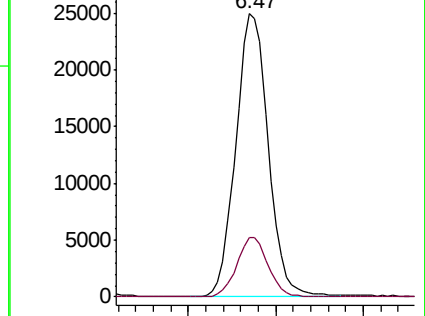
43 100

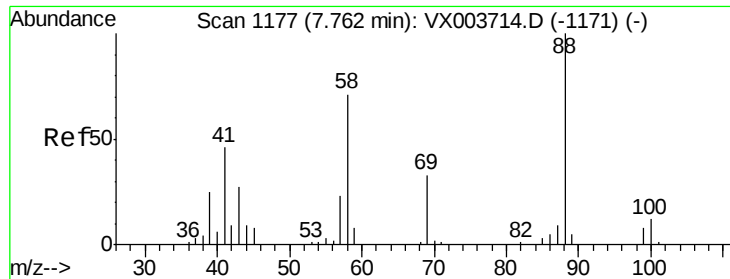
61 20.2 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

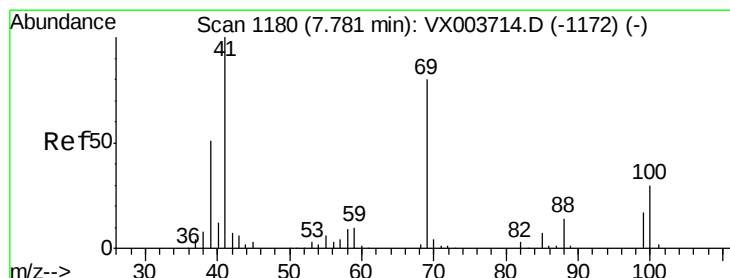
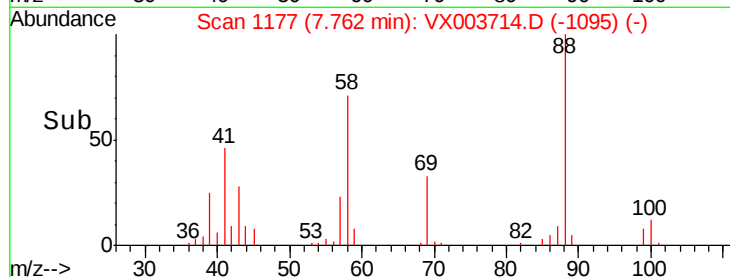
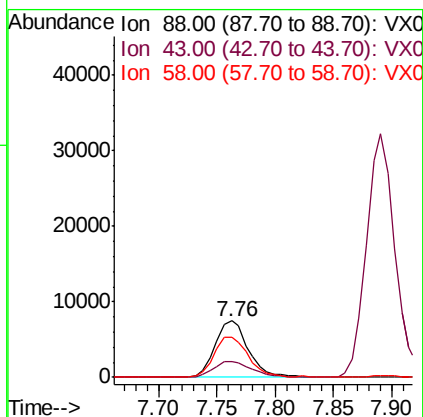
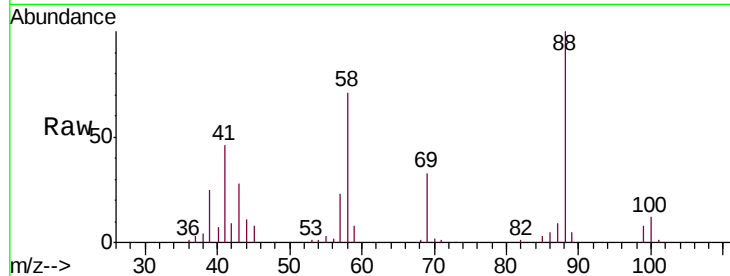




#45
 1,4-Dioxane
 Concen: 407.080 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

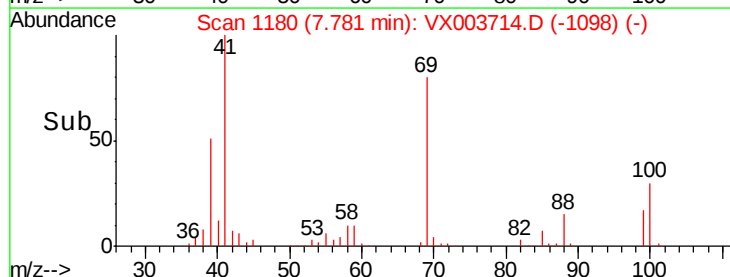
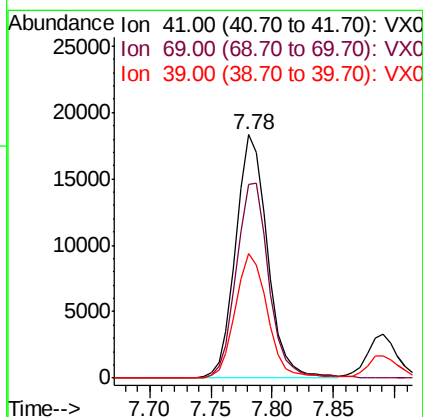
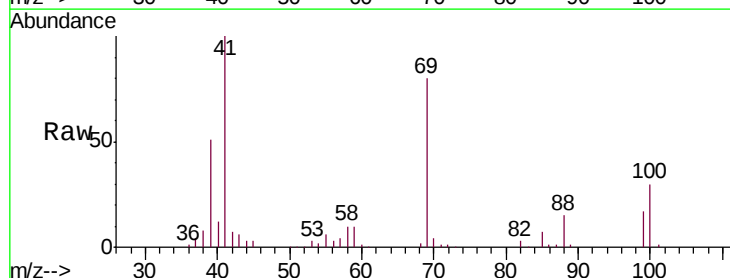
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

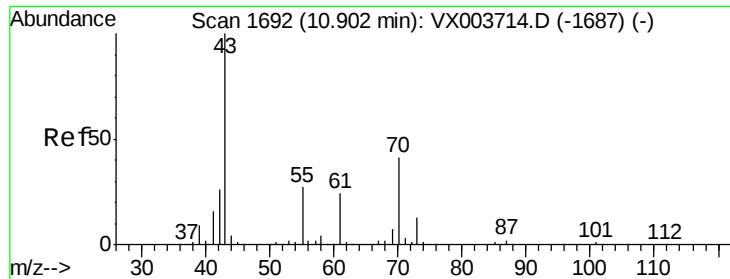
Tgt Ion: 88 Resp: 14908
 Ion Ratio Lower Upper
 88 100
 43 33.4 43.2 64.8#
 58 72.6 60.2 90.2



#46
 Methyl methacrylate
 Concen: 19.510 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

Tgt Ion: 41 Resp: 33192
 Ion Ratio Lower Upper
 41 100
 69 79.5 37.0 110.9
 39 51.4 29.6 88.9

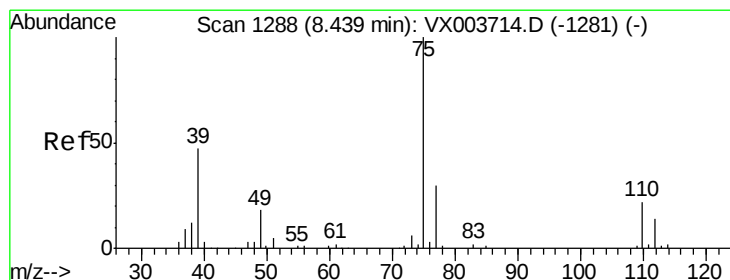
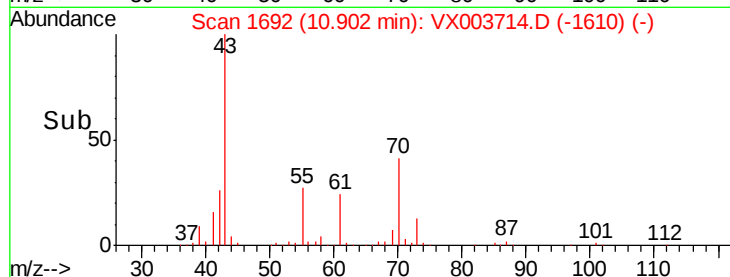
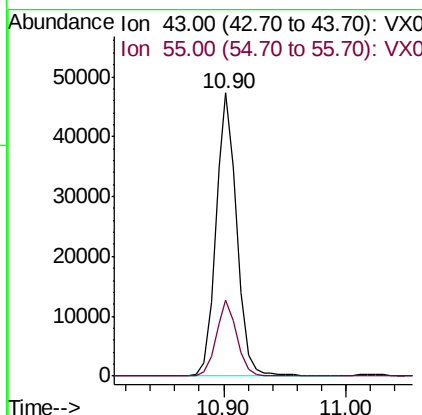
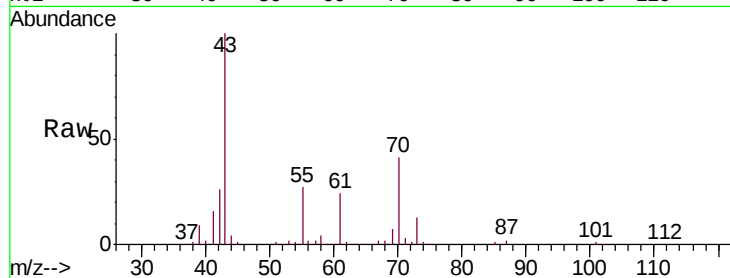




#47
n-amy1 Acetate
Concen: 18.036 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

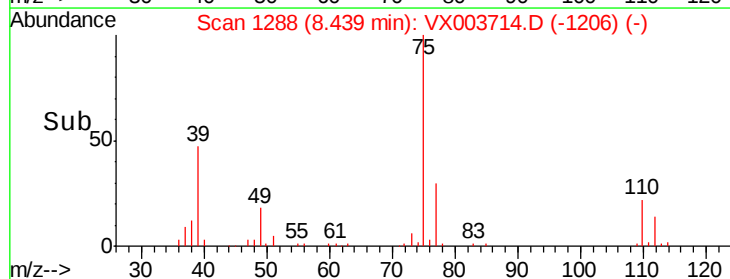
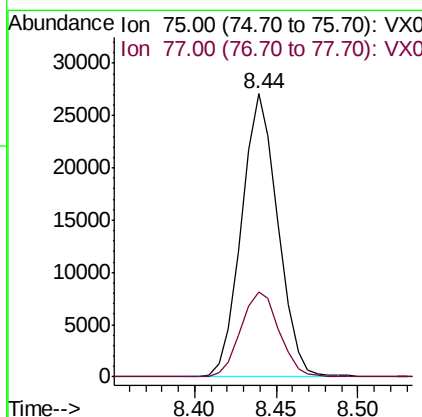
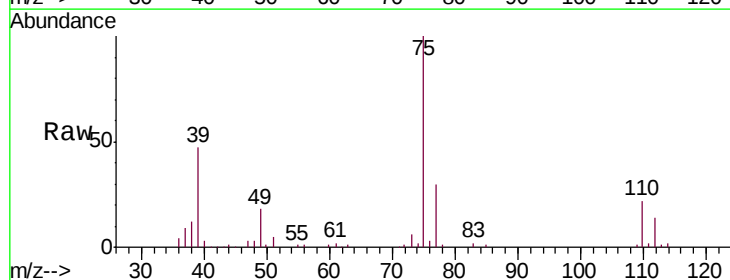
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

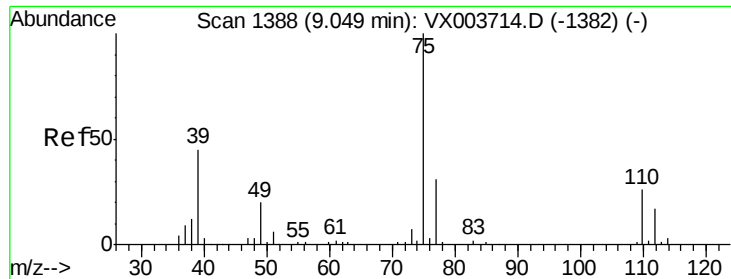
Tgt Ion: 43 Resp: 56151
Ion Ratio Lower Upper
43 100
55 26.5 0.1 0.1#



#48
t-1,3-Dichloropropene
Concen: 19.198 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Tgt Ion: 75 Resp: 42148
Ion Ratio Lower Upper
75 100
77 30.1 25.6 38.4

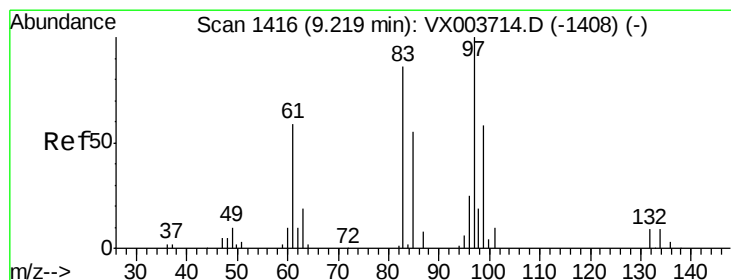
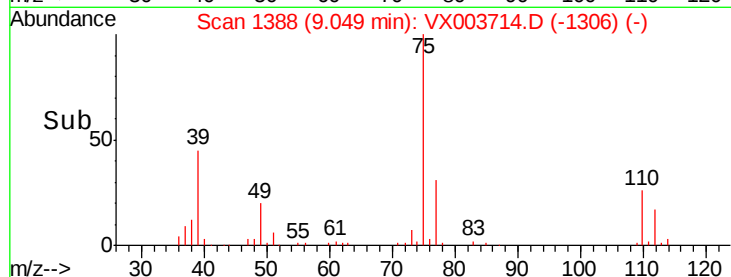
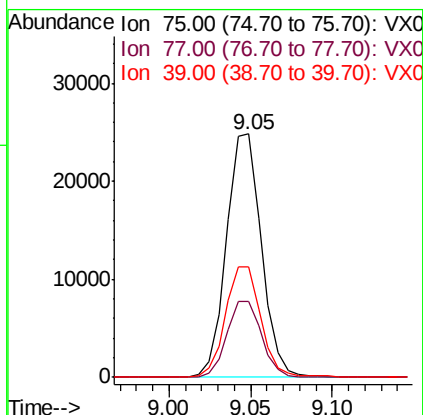
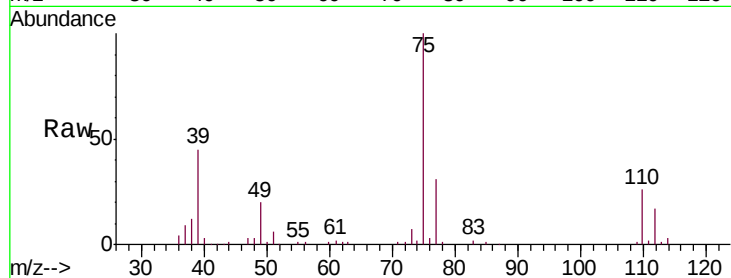




#49
 cis-1,3-Dichloropropene
 Concen: 18.008 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

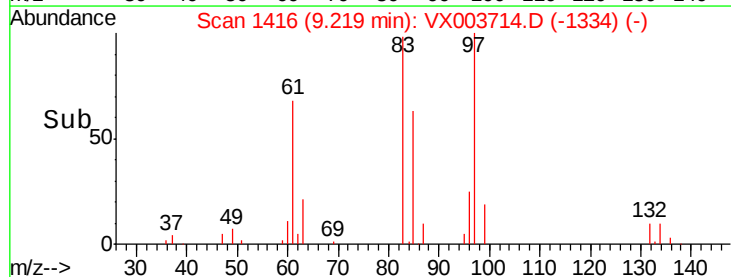
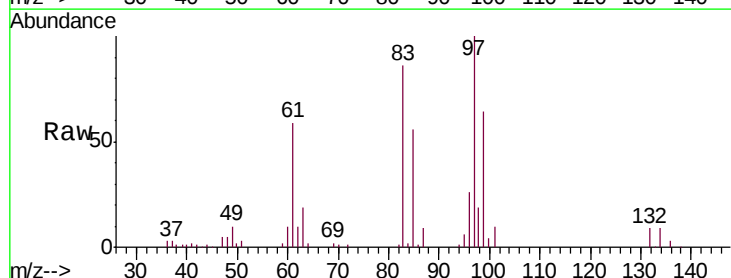
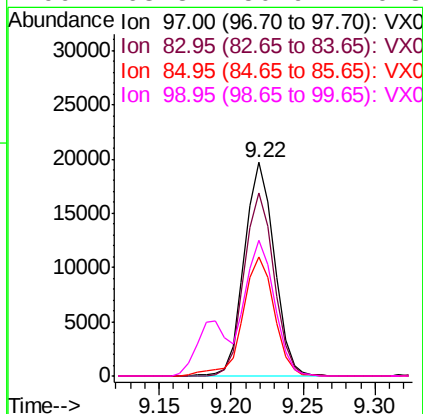
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

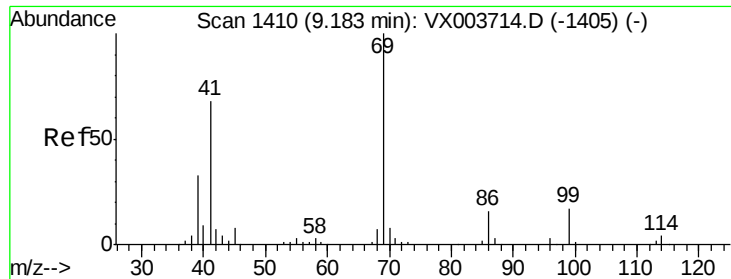
Tgt Ion: 75 Resp: 37095
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2
 39 45.2 42.3 63.5



#50
 1,1,2-Trichloroethane
 Concen: 18.908 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

Tgt Ion: 97 Resp: 28424
 Ion Ratio Lower Upper
 97 100
 83 85.7 70.8 106.2
 85 55.7 43.5 65.3
 99 63.8 50.9 76.3





#51

Ethyl methacrylate

Concen: 18.009 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

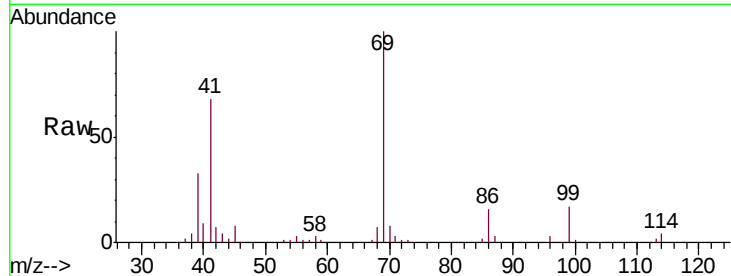
Tgt Ion: 69 Resp: 40766

Ion Ratio Lower Upper

69 100

41 67.9 39.1 117.3

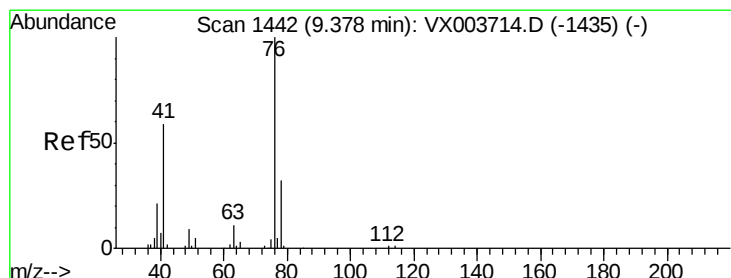
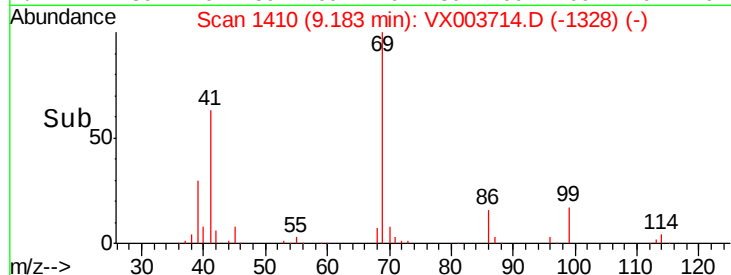
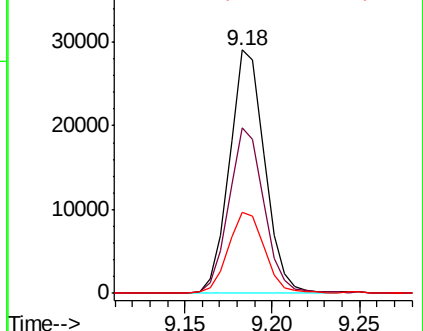
39 32.8 21.7 65.1



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: 18.699 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003714.D

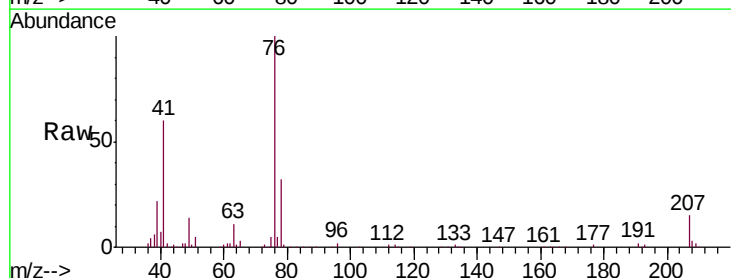
Acq: 27 Jul 2018 13:57

Tgt Ion: 76 Resp: 46781

Ion Ratio Lower Upper

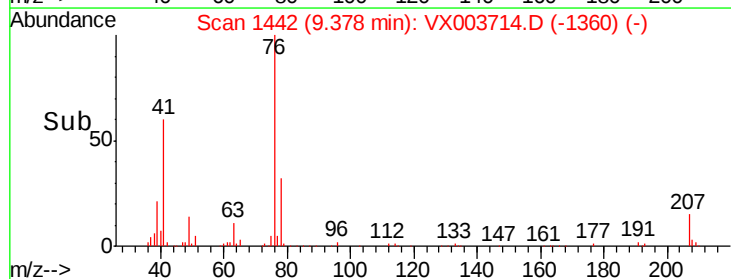
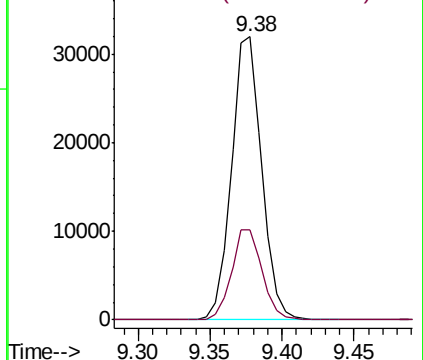
76 100

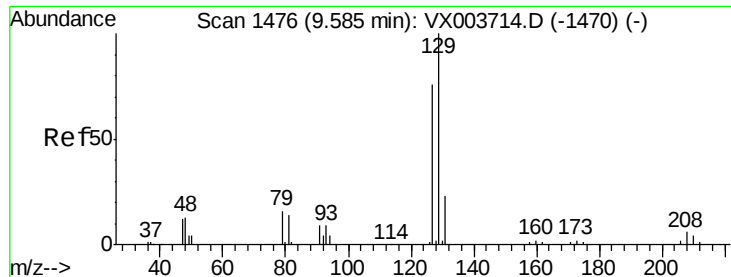
78 32.2 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.155 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

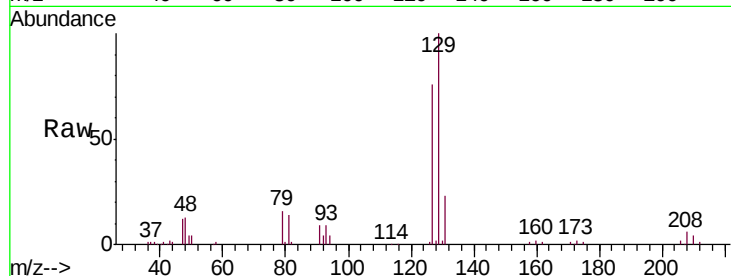
VSTDICCC020

Tgt Ion:129 Resp: 26808

Ion Ratio Lower Upper

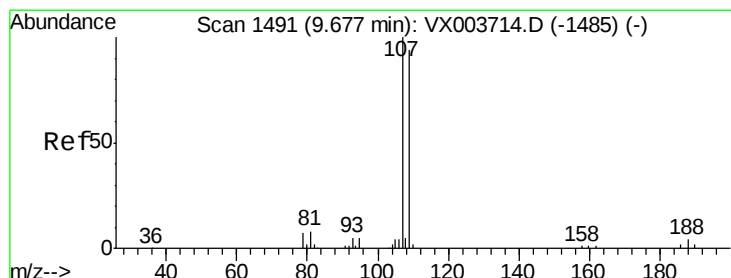
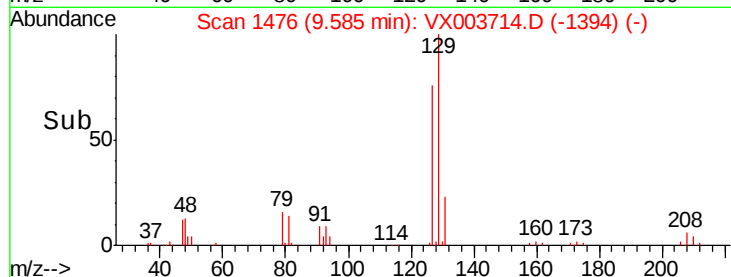
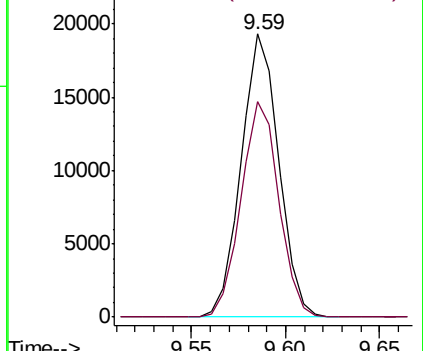
129 100

127 76.4 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.487 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003714.D

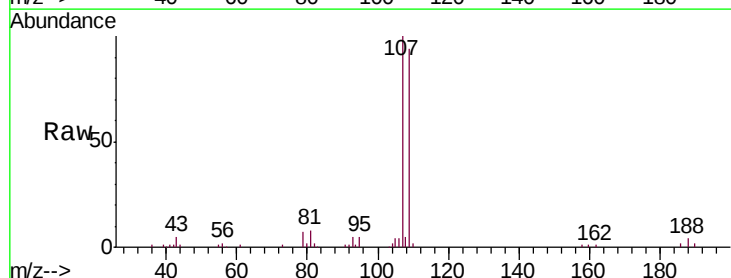
Acq: 27 Jul 2018 13:57

Tgt Ion:107 Resp: 29063

Ion Ratio Lower Upper

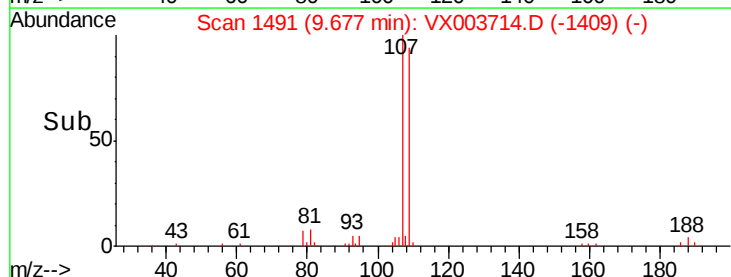
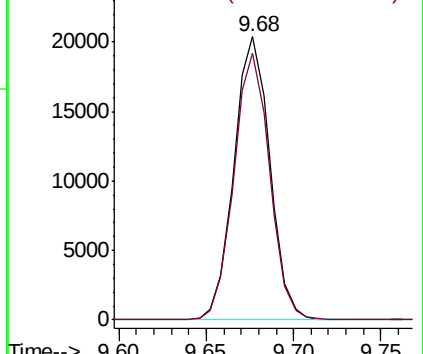
107 100

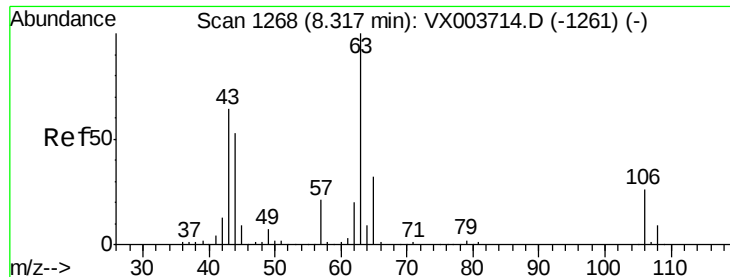
109 94.0 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

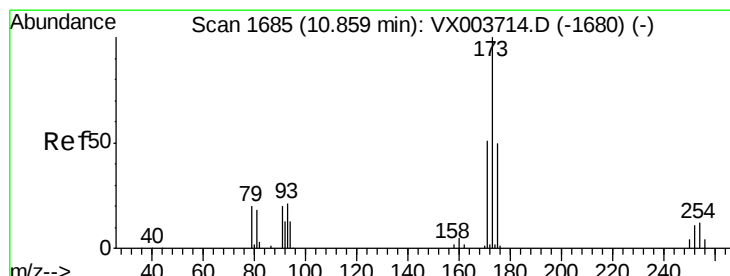
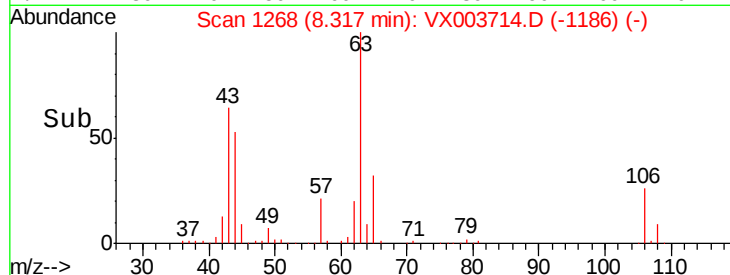
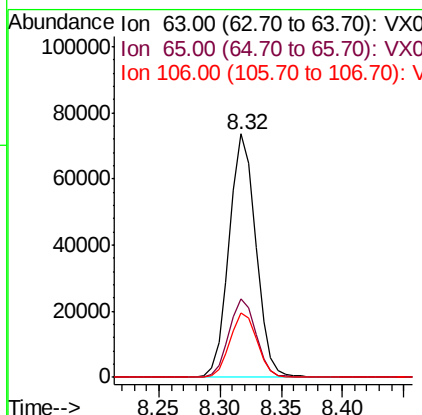
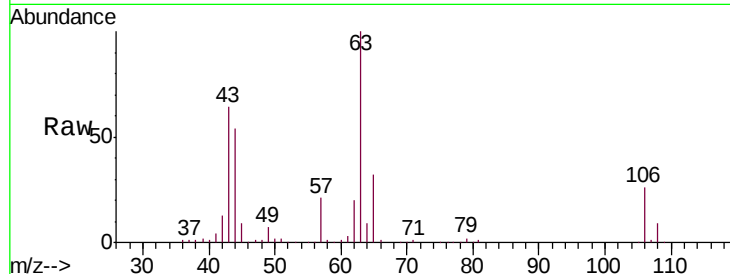




#55
2-Chloroethyl vinyl ether
Concen: 95.536 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

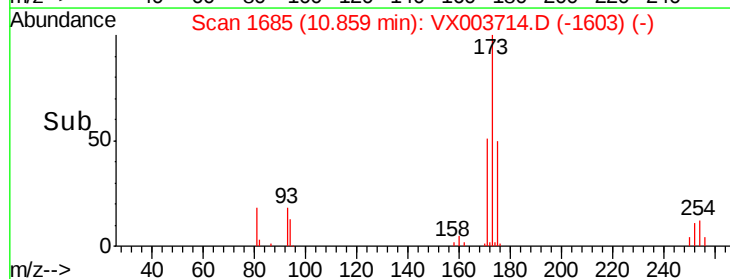
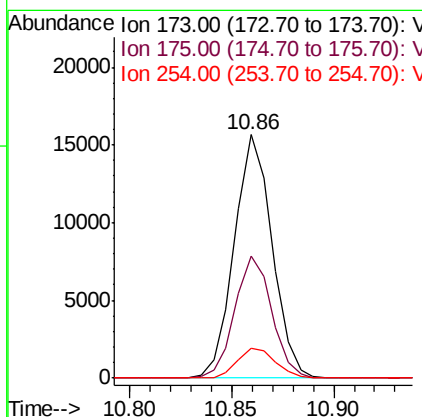
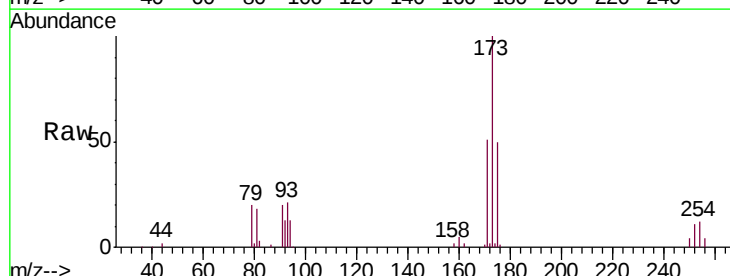
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

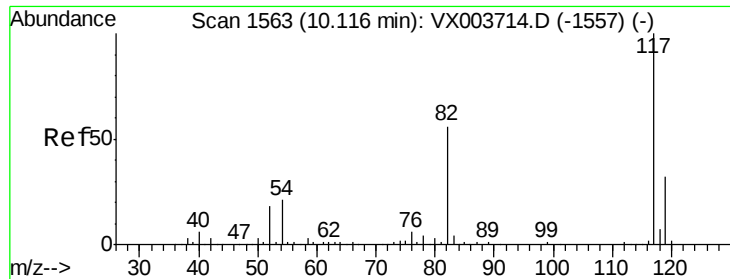
Tgt Ion: 63 Resp: 111540
Ion Ratio Lower Upper
63 100
65 32.5 25.6 38.4
106 26.7 21.6 32.4



#56
Bromoform
Concen: 17.595 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Tgt Ion: 173 Resp: 20163
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.4
254 12.4 9.6 14.4

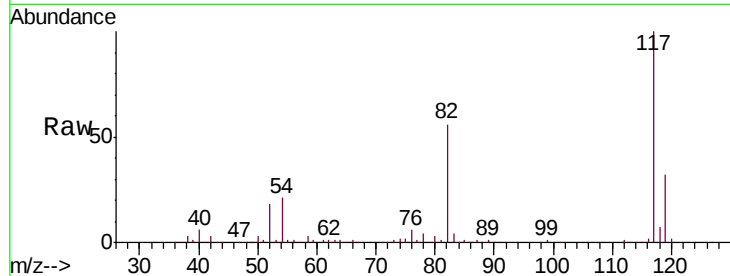




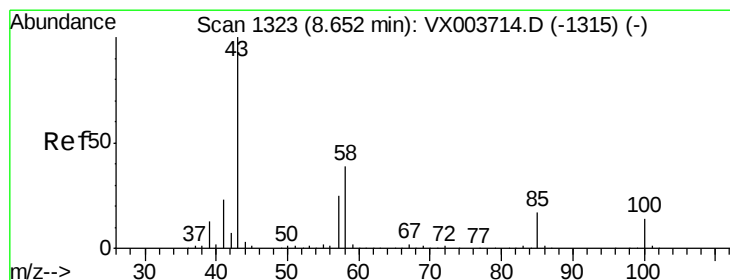
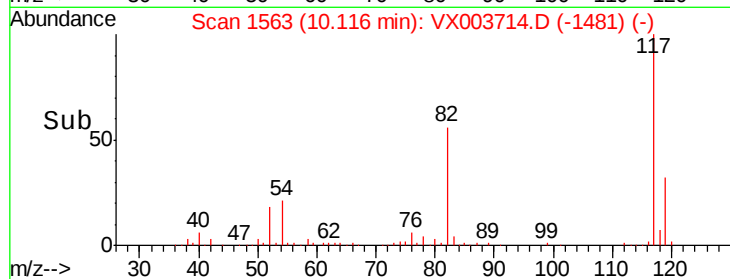
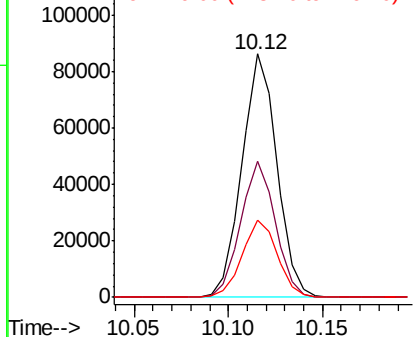
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 117 Resp: 111242
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 32.1 25.7 38.5

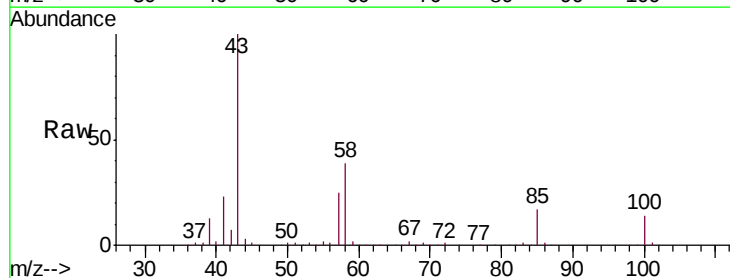


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

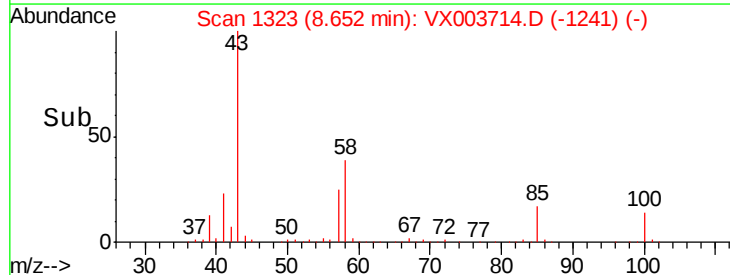
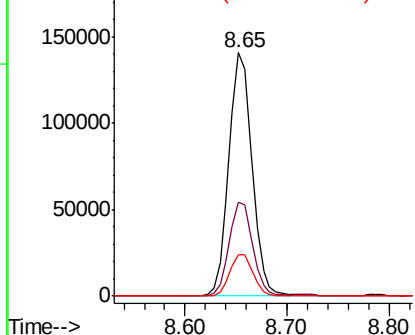


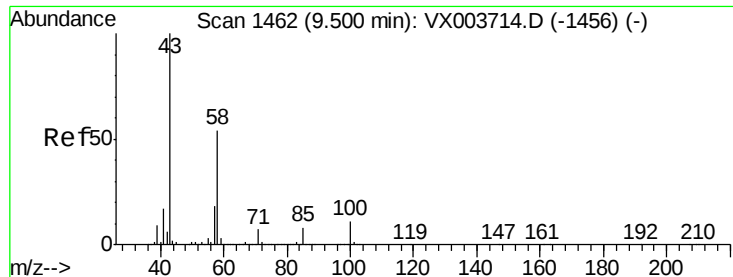
#58
4-Methyl-2-Pentanone
Concen: 105.929 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Tgt Ion: 43 Resp: 222502
Ion Ratio Lower Upper
43 100
58 38.6 28.2 42.4
85 17.2 12.4 18.6



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

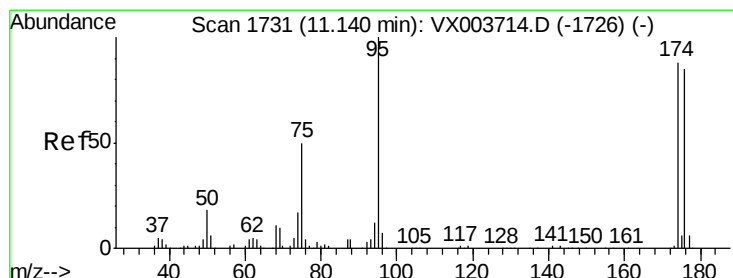
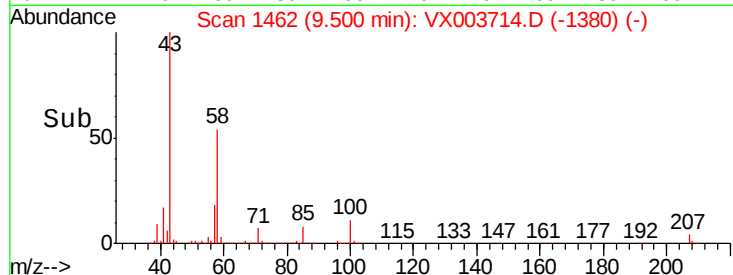
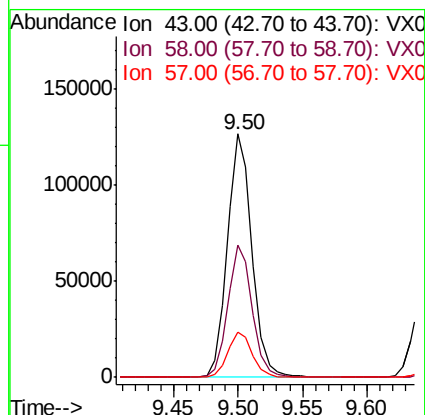
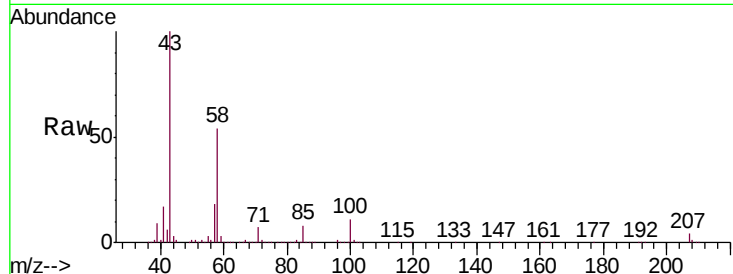




#59
2-Hexanone
Concen: 101.902 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

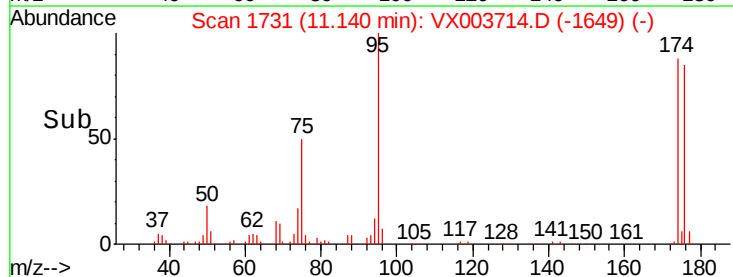
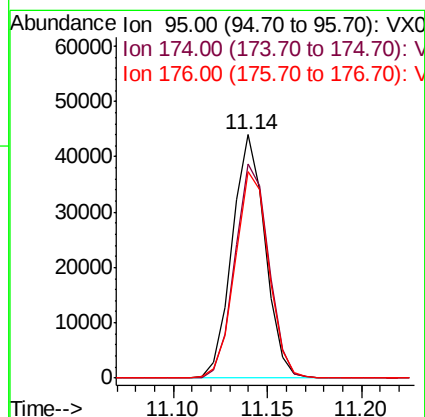
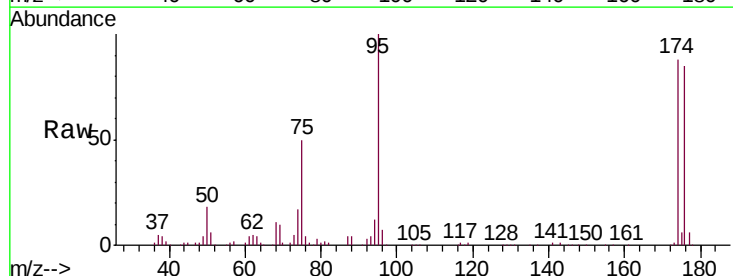
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

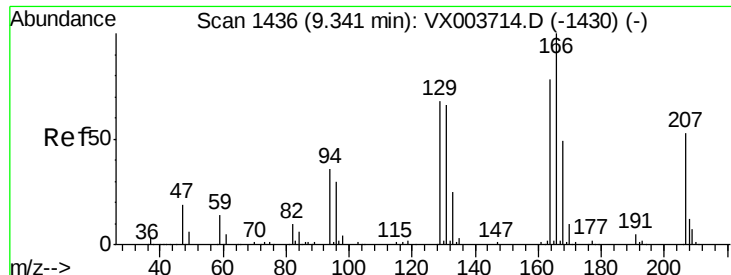
Tgt Ion: 43 Resp: 170430
Ion Ratio Lower Upper
43 100
58 53.8 39.6 59.4
57 18.5 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.735 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Tgt Ion: 95 Resp: 53260
Ion Ratio Lower Upper
95 100
174 90.3 71.8 107.6
176 87.2 70.1 105.1





#61

Tetrachloroethene

Concen: 19.511 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 25259

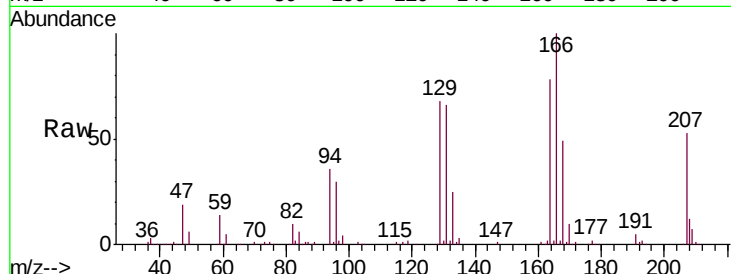
Ion Ratio Lower Upper

164 100

166 129.0 102.4 153.6

129 87.3 70.1 105.1

131 85.0 69.1 103.7

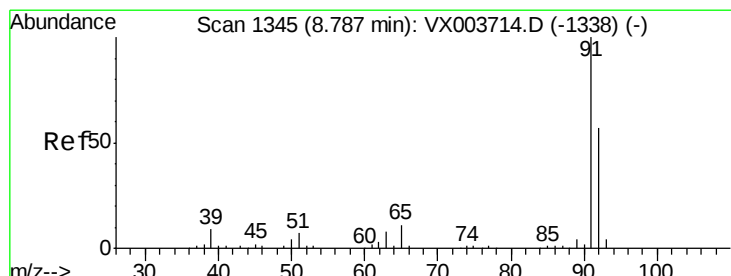
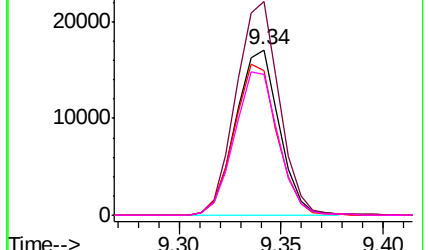
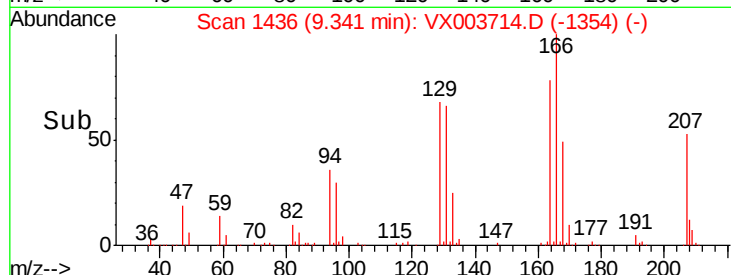


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.596 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003714.D

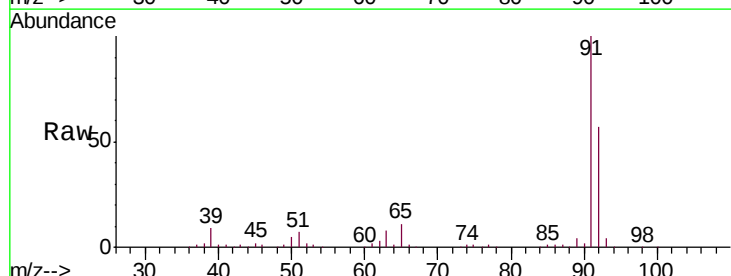
Acq: 27 Jul 2018 13:57

Tgt Ion: 91 Resp: 118917

Ion Ratio Lower Upper

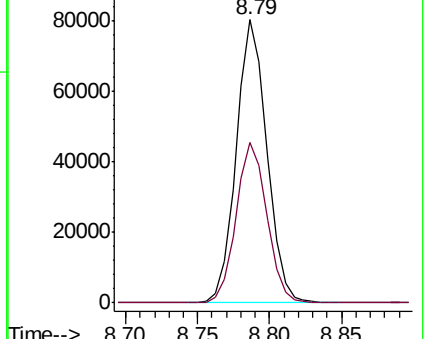
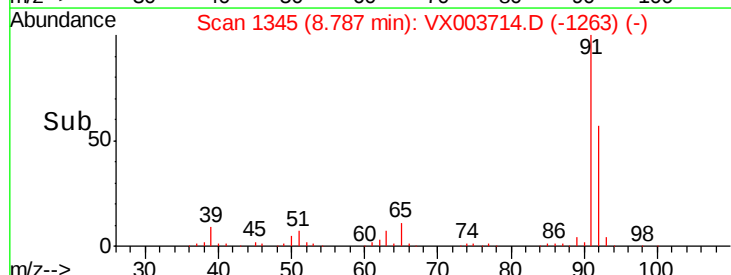
91 100

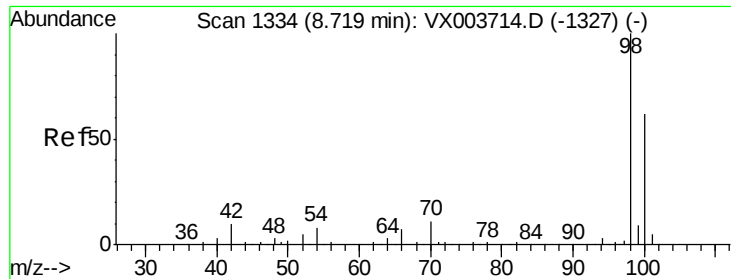
92 57.1 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

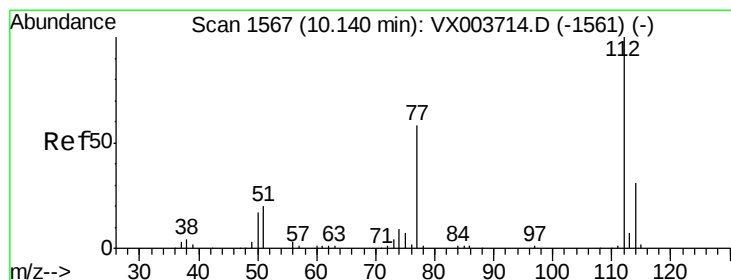
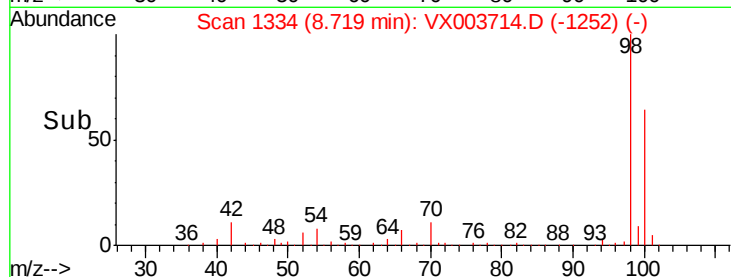
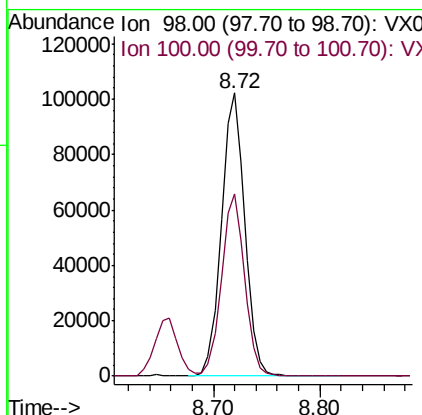
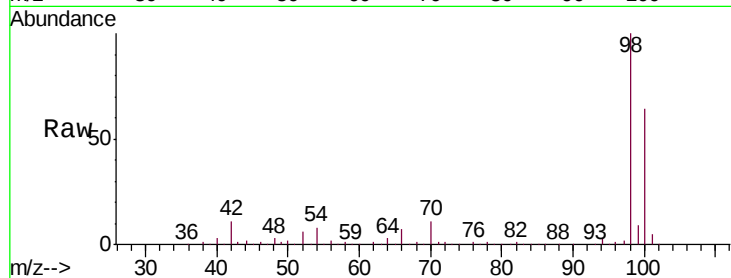




#63
Toluene-d8
Concen: 31.215 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

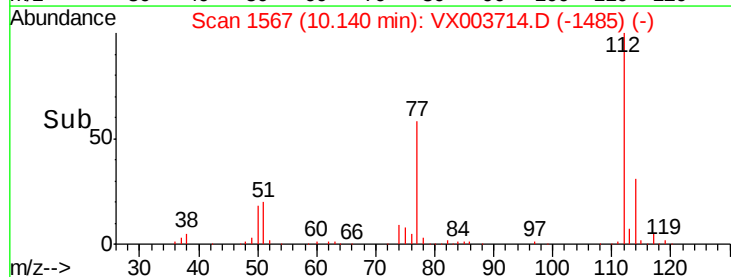
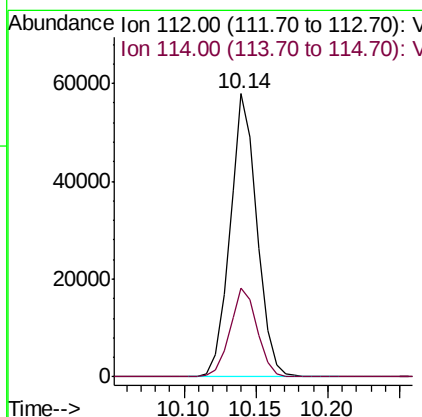
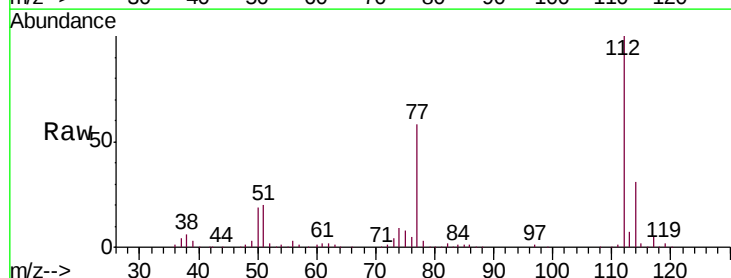
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

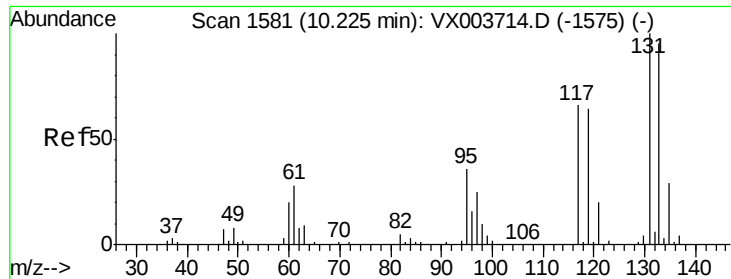
Tgt Ion: 98 Resp: 156432
Ion Ratio Lower Upper
98 100
100 63.9 50.8 76.2



#64
Chlorobenzene
Concen: 20.240 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Tgt Ion: 112 Resp: 75520
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 20.076 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

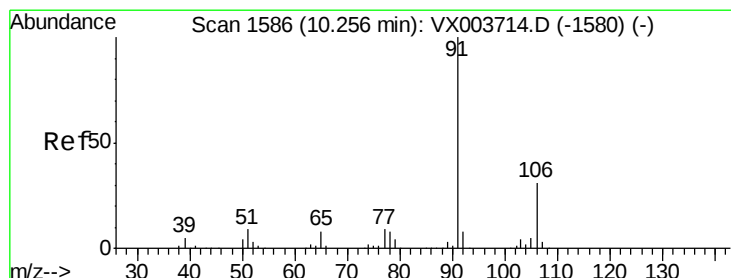
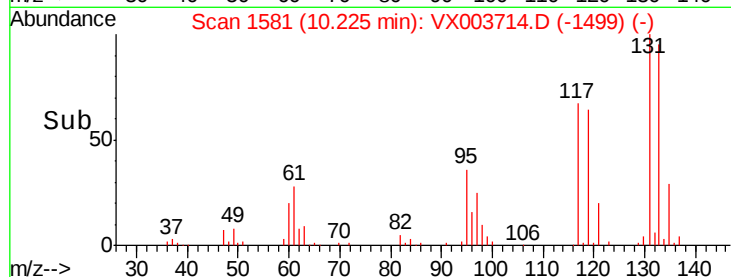
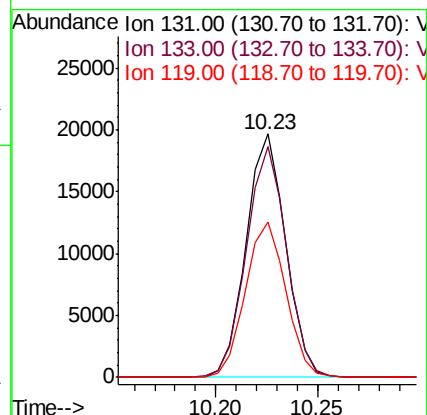
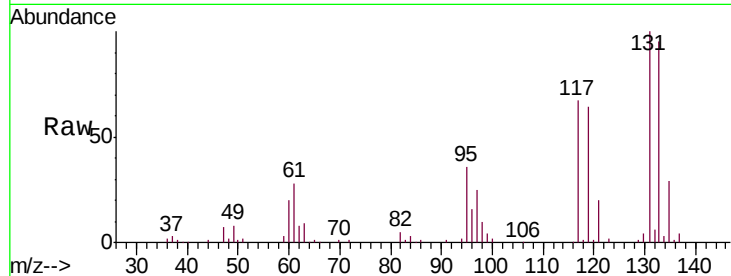
Tgt Ion: 131 Resp: 26505

Ion Ratio Lower Upper

131 100

133 96.0 0.0 191.2

119 65.5 0.0 125.4



#66

Ethyl Benzene

Concen: 19.886 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003714.D

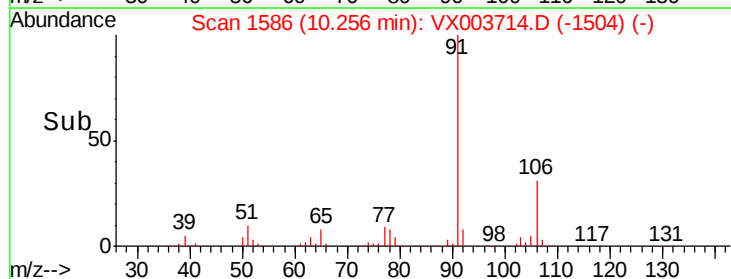
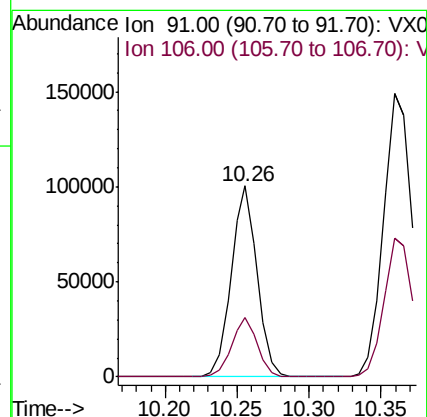
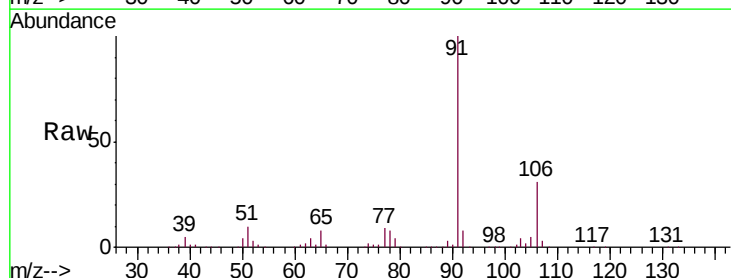
Acq: 27 Jul 2018 13:57

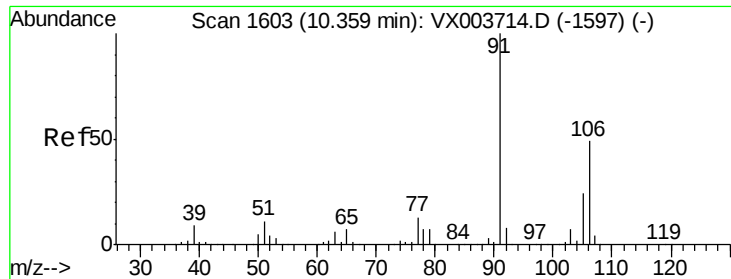
Tgt Ion: 91 Resp: 126351

Ion Ratio Lower Upper

91 100

106 31.3 25.2 37.8

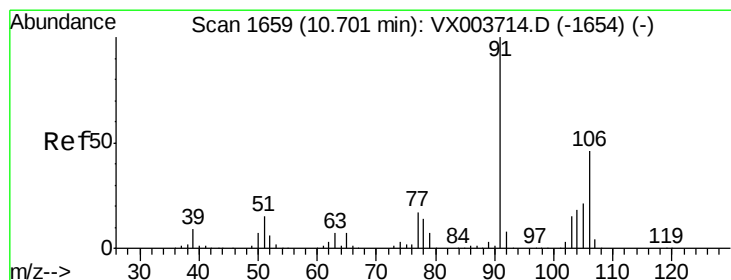
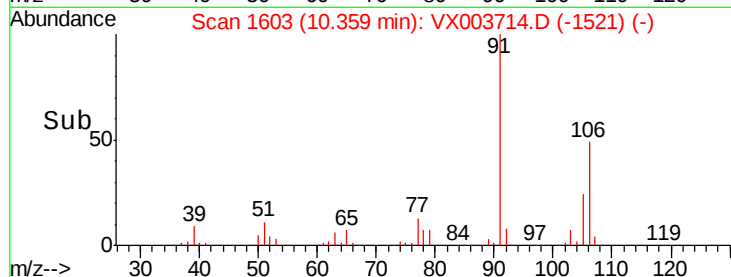
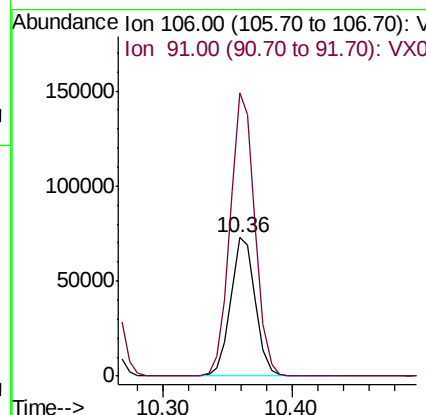
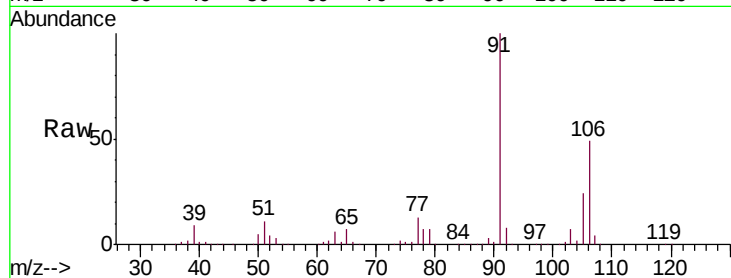




#67
m/p-Xylenes
Concen: 40.271 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

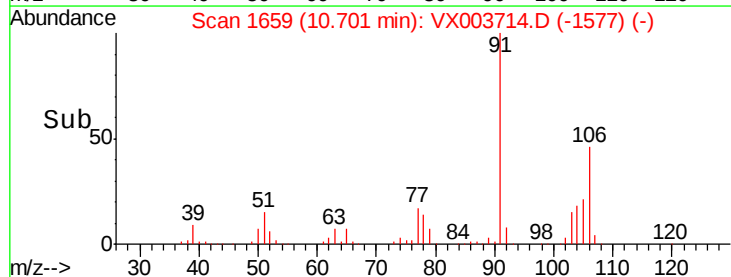
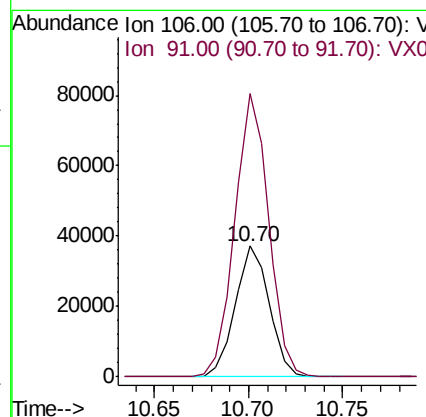
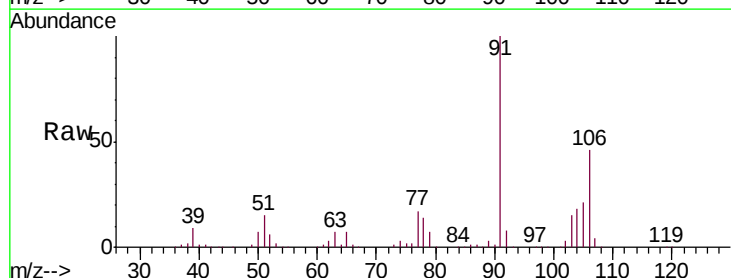
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

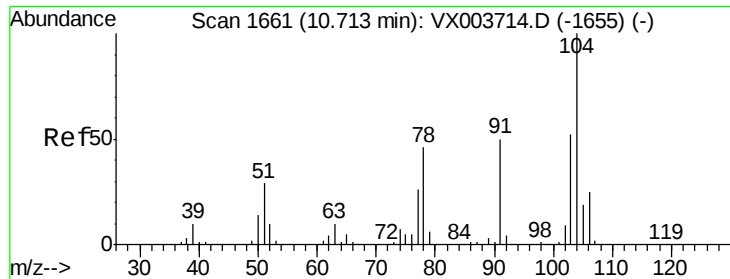
Tgt Ion:106 Resp: 98554
Ion Ratio Lower Upper
106 100
91 204.1 164.1 246.1



#68
o-Xylene
Concen: 19.934 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Tgt Ion:106 Resp: 46669
Ion Ratio Lower Upper
106 100
91 216.1 109.1 327.3

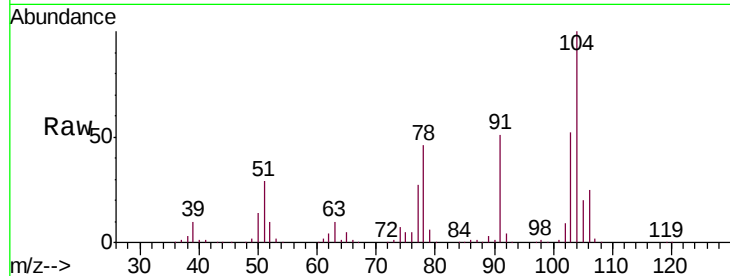




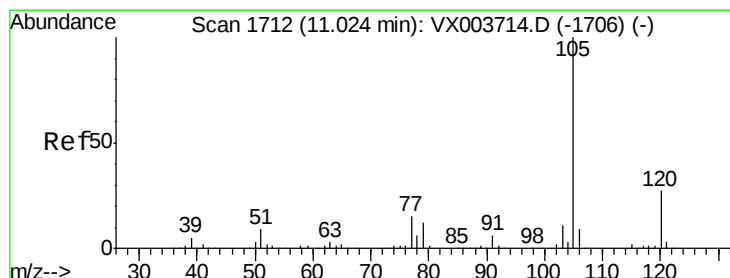
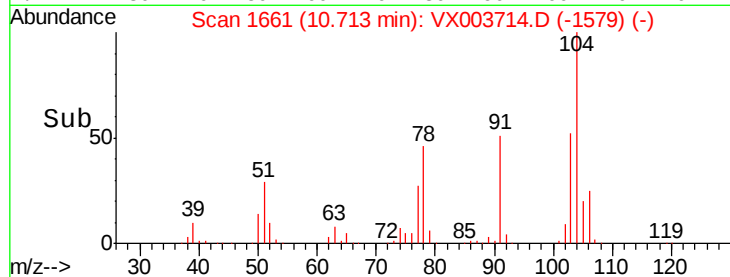
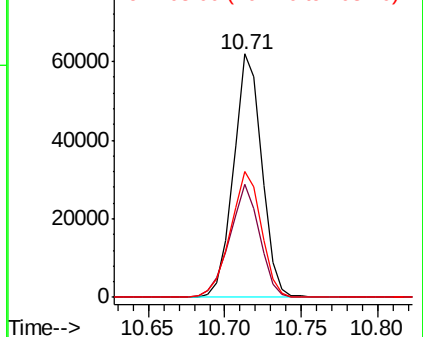
#69
Styrene
Concen: 20.002 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 79293
Ion Ratio Lower Upper
104 100
78 49.3 41.8 62.8
103 56.0 44.9 67.3

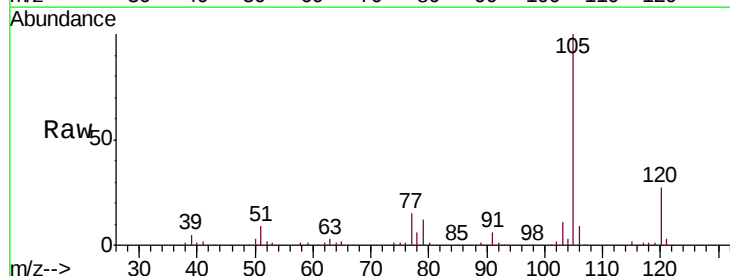


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX
Ion 103.00 (102.70 to 103.70): V

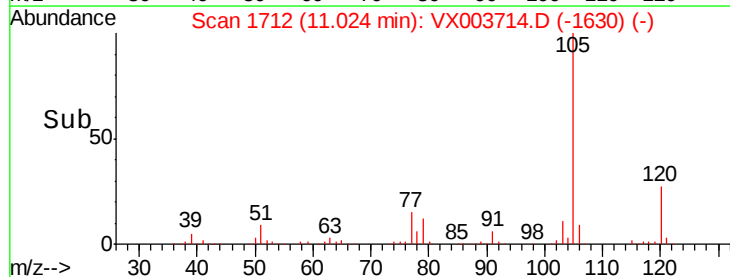
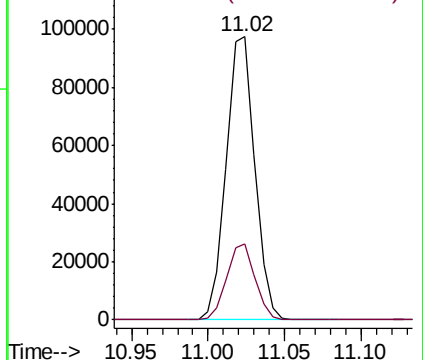


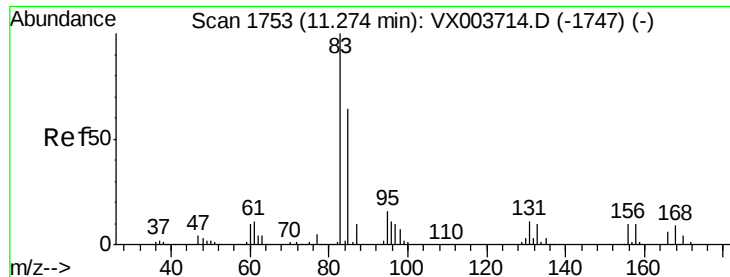
#70
Isopropylbenzene
Concen: 19.679 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Tgt Ion:105 Resp: 126848
Ion Ratio Lower Upper
105 100
120 26.6 19.0 35.2



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

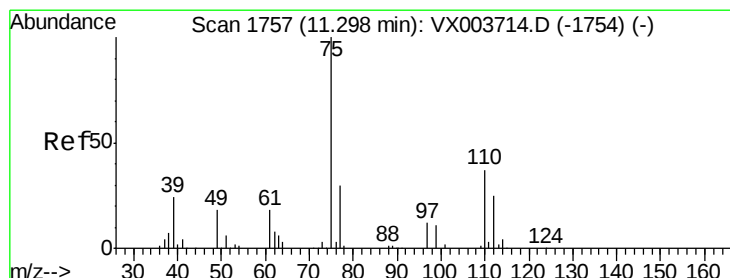
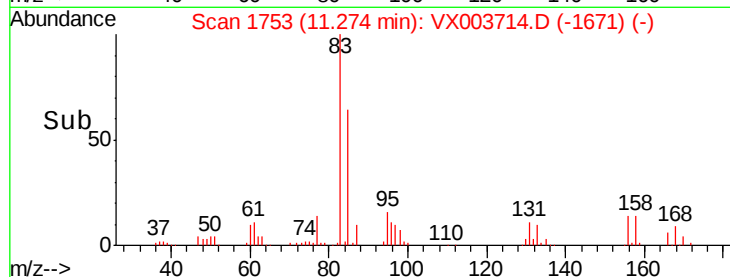
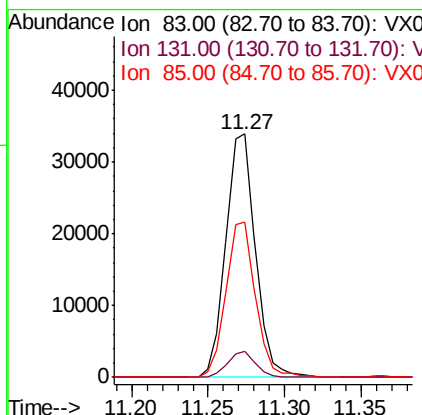
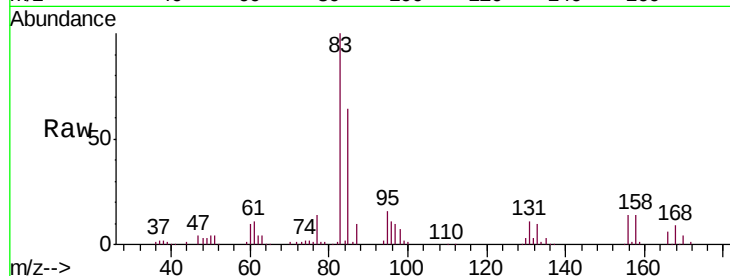




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.840 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

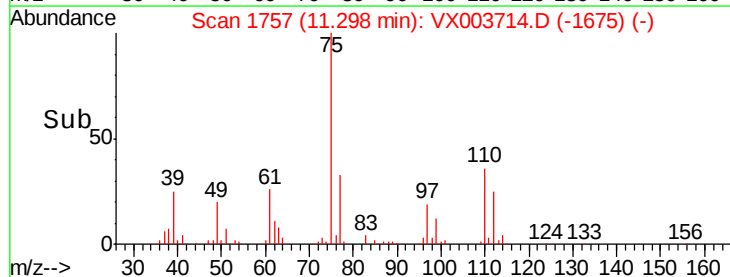
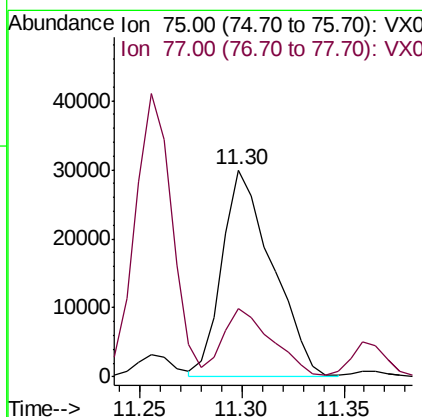
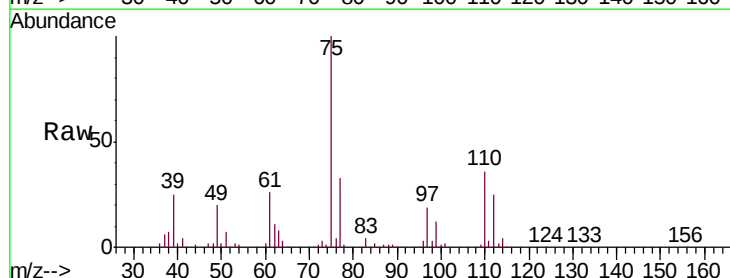
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

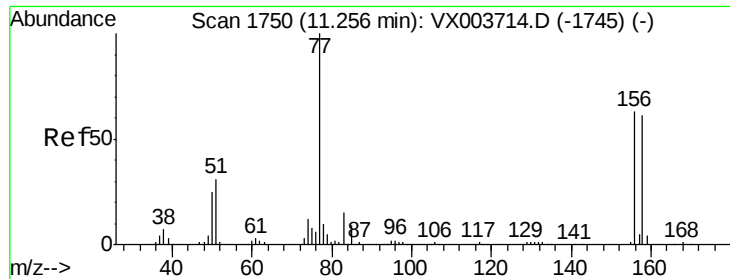
Tgt Ion: 83 Resp: 45654
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.4 16.2
 85 63.7 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 26.790 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

Tgt Ion: 75 Resp: 51281
 Ion Ratio Lower Upper
 75 100
 77 32.2 0.0 71.8





#73

Bromobenzene

Concen: 19.238 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

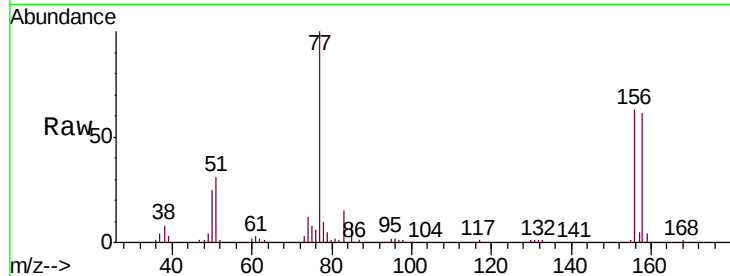
Tgt Ion: 156 Resp: 33419

Ion Ratio Lower Upper

156 100

77 154.3 0.0 301.0

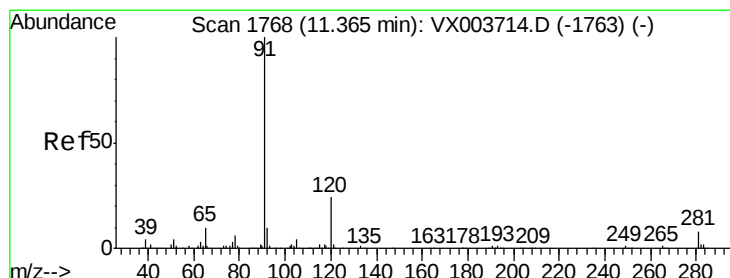
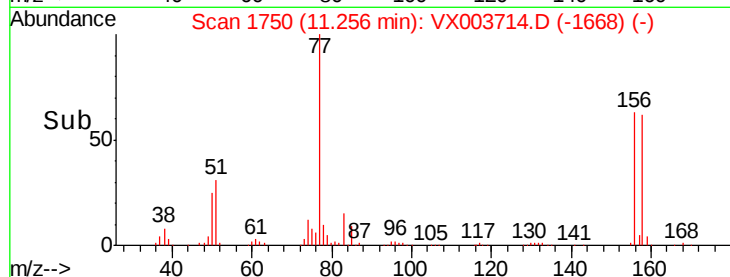
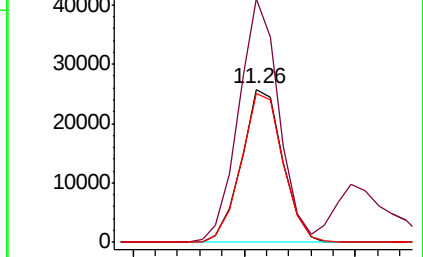
158 98.5 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.672 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003714.D

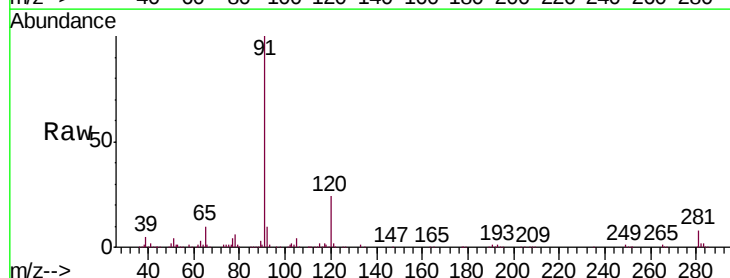
Acq: 27 Jul 2018 13:57

Tgt Ion: 91 Resp: 149355

Ion Ratio Lower Upper

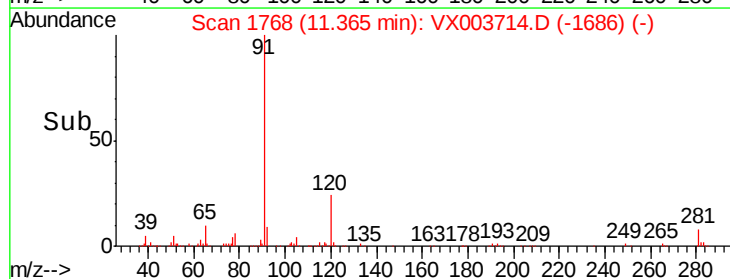
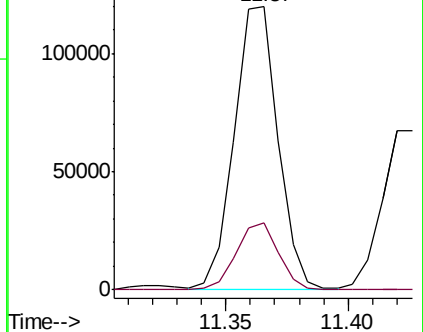
91 100

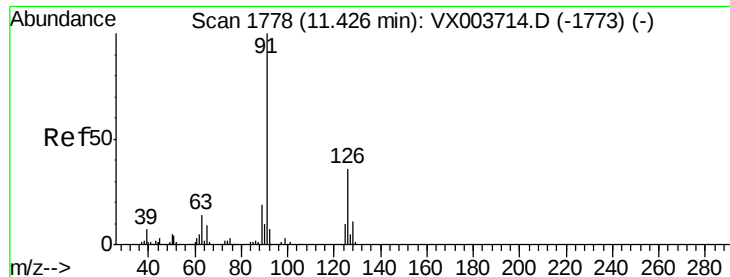
120 22.9 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.930 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampled :

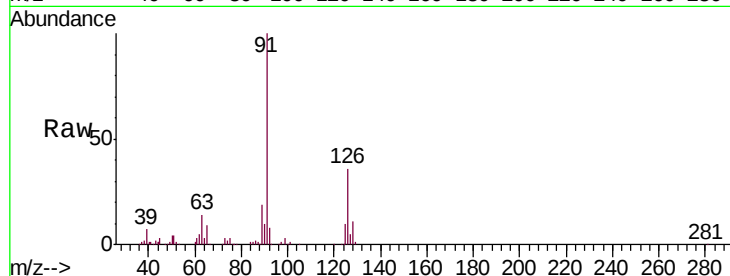
VSTDICCC020

Tgt Ion: 91 Resp: 89185

Ion Ratio Lower Upper

91 100

126 34.8 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX003714.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX003714.D (-1773) (-)

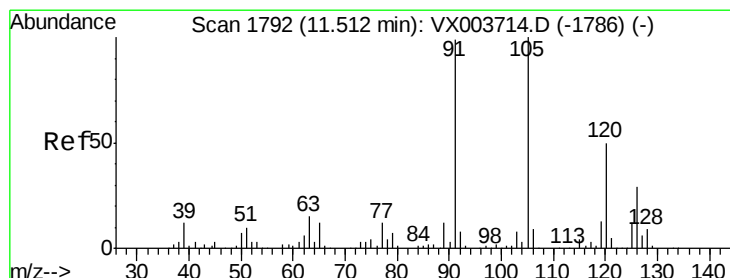
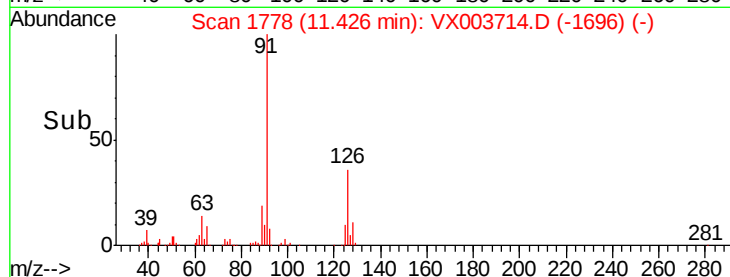
100000

50000

0

11.40 11.43 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.642 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003714.D

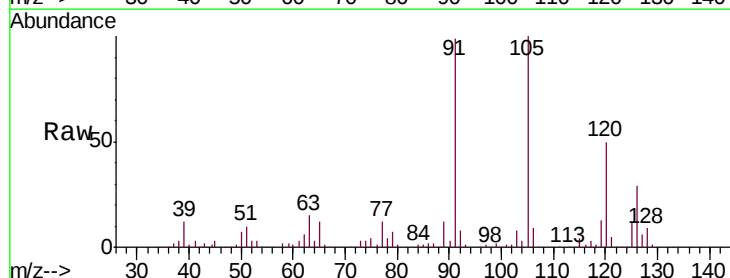
Acq: 27 Jul 2018 13:57

Tgt Ion: 105 Resp: 107430

Ion Ratio Lower Upper

105 100

120 49.2 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX003714.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003714.D (-1786) (-)

100000

80000

60000

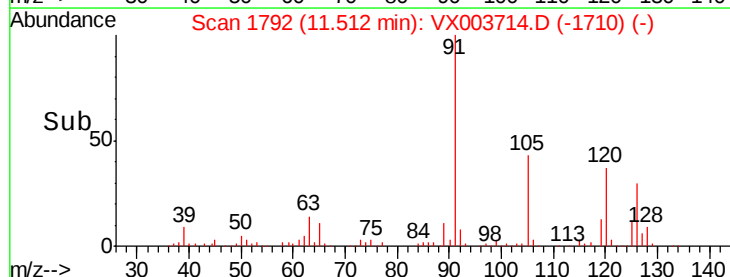
40000

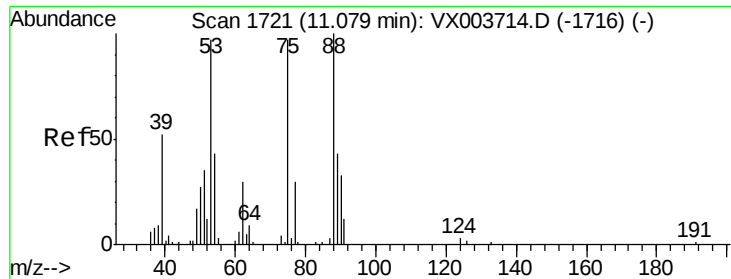
20000

0

11.45 11.50 11.55

Time-->

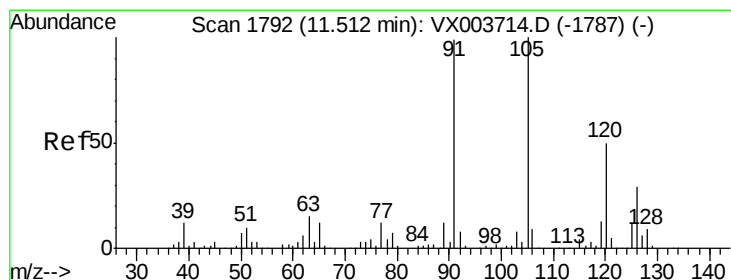
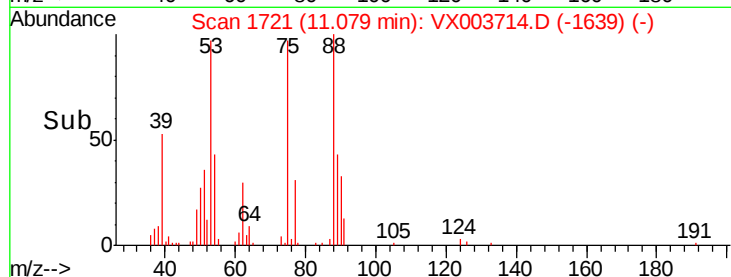
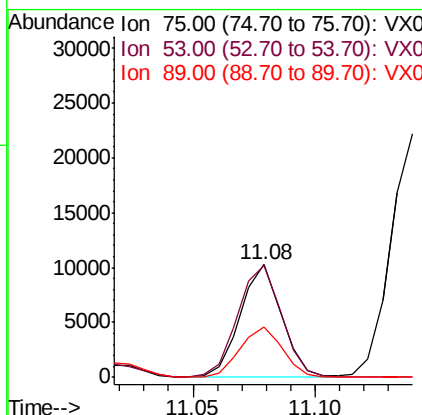
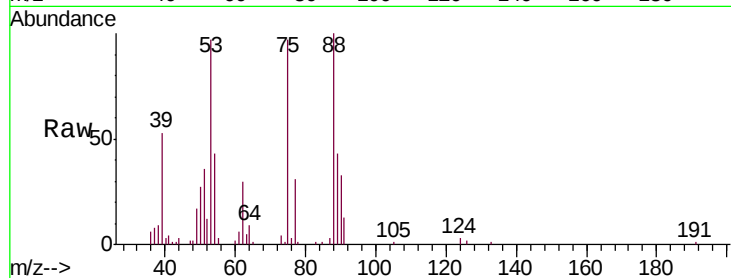




#77
t-1,4-Dichloro-2-butene
Concen: 18.739 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

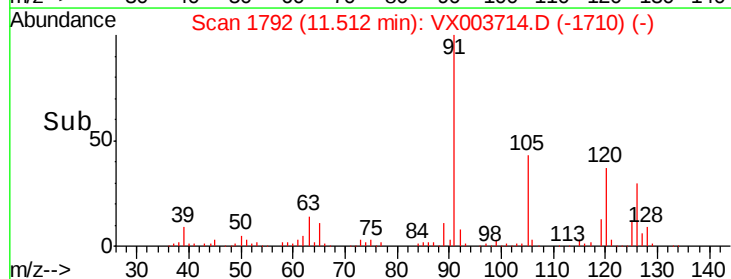
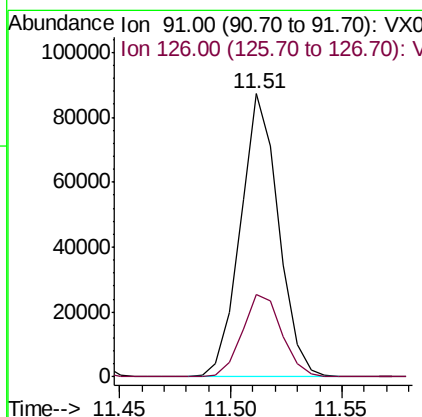
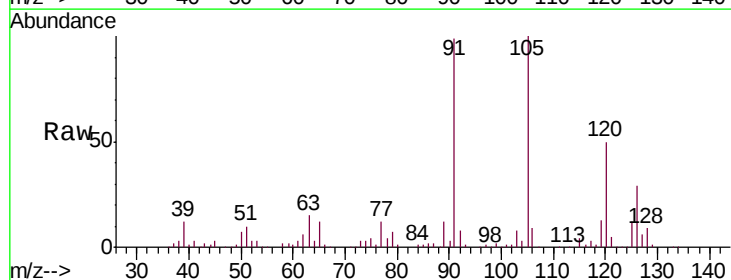
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

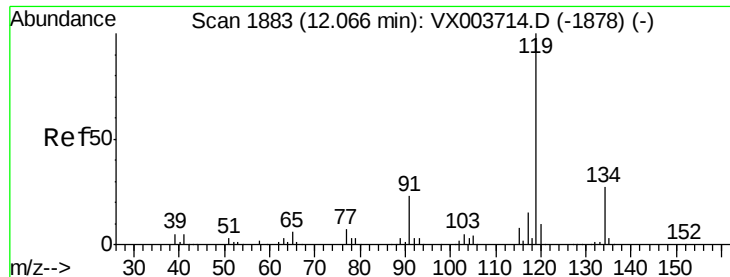
Tgt Ion: 75 Resp: 12223
Ion Ratio Lower Upper
75 100
53 99.8 48.3 144.9
89 44.7 21.8 65.4



#78
4-Chlorotoluene
Concen: 19.712 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Tgt Ion: 91 Resp: 103213
Ion Ratio Lower Upper
91 100
126 30.5 0.0 61.0





#79

tert-butylbenzene

Concen: 19.649 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

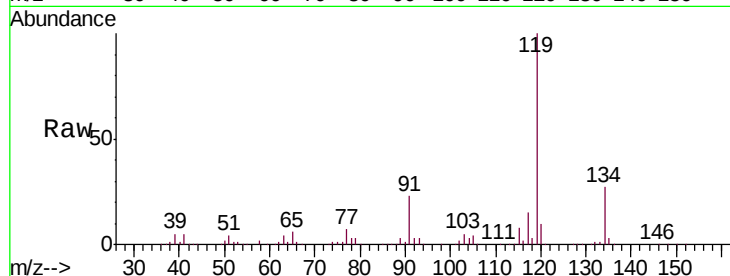
Tgt Ion:119 Resp: 110577

Ion Ratio Lower Upper

119 100

91 23.0 0.0 48.0

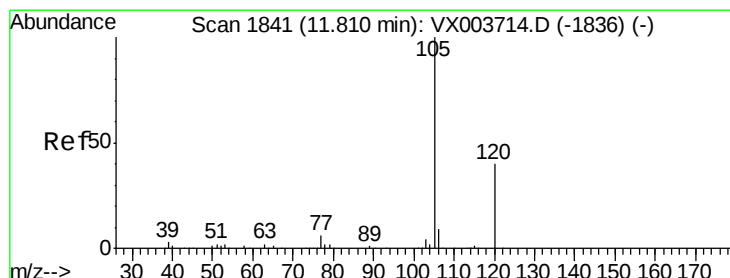
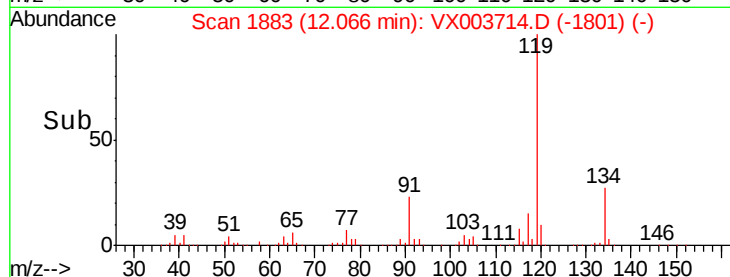
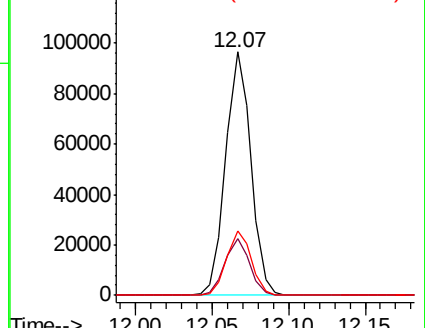
134 26.1 0.0 52.6



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: 19.768 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003714.D

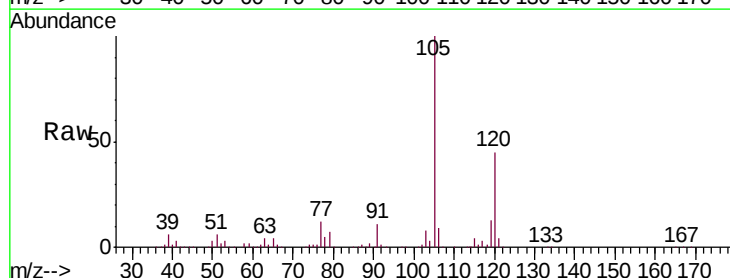
Acq: 27 Jul 2018 13:57

Tgt Ion:105 Resp: 110656

Ion Ratio Lower Upper

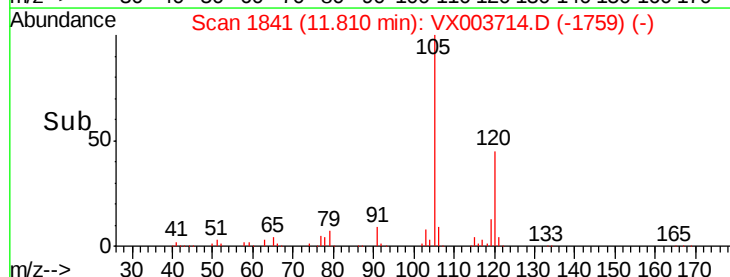
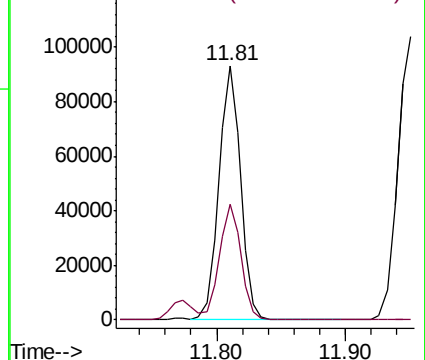
105 100

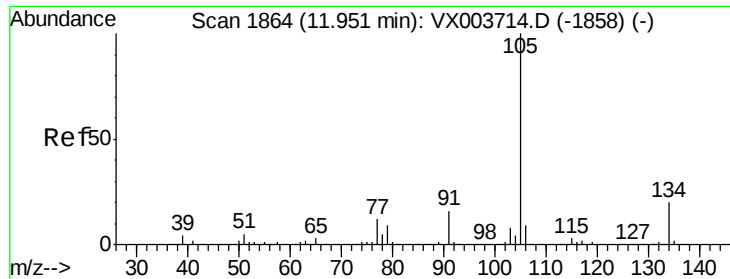
120 45.0 0.0 89.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

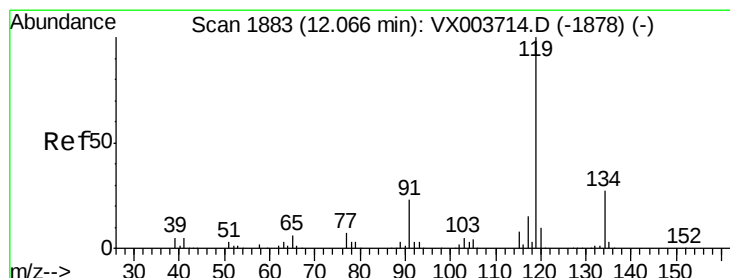
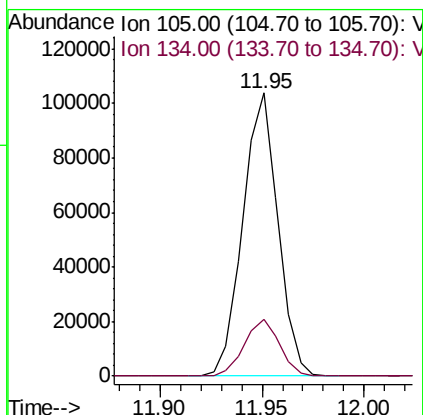
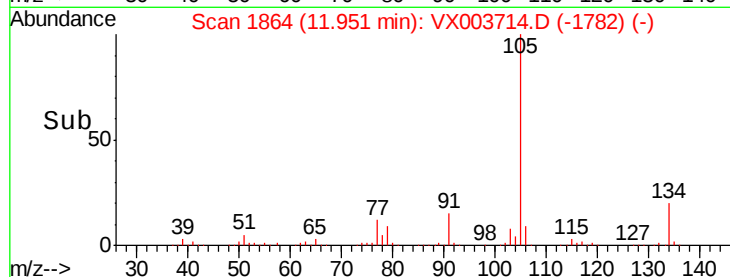
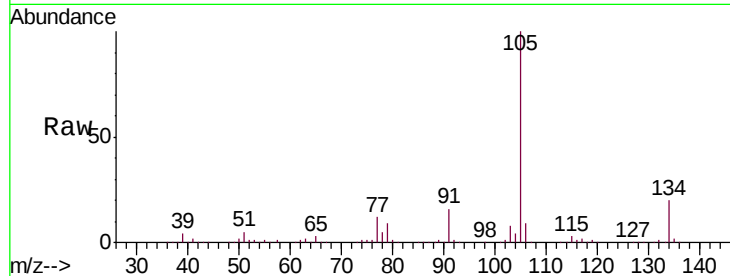




#81
 sec-Butylbenzene
 Concen: 19.518 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

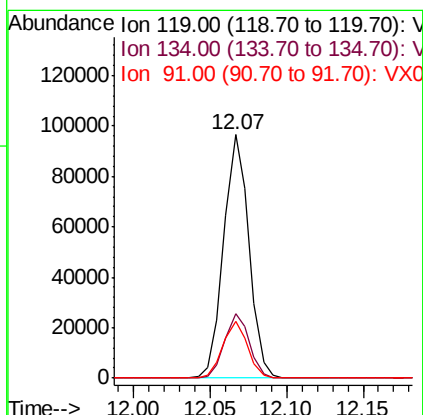
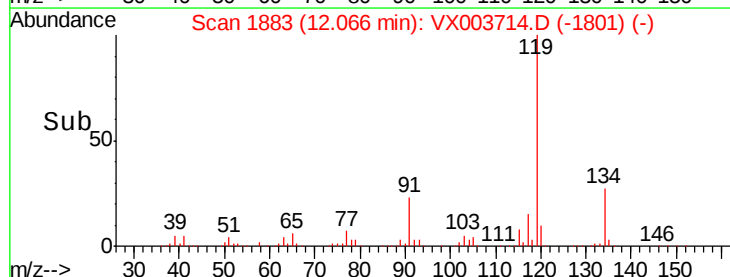
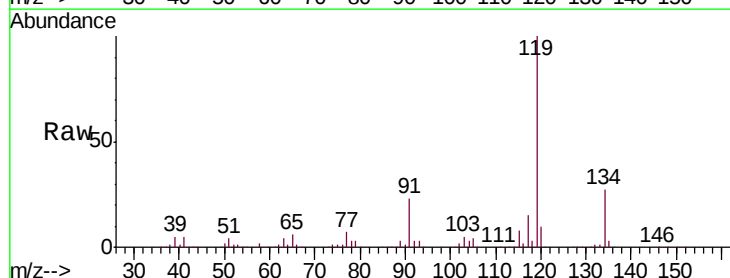
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

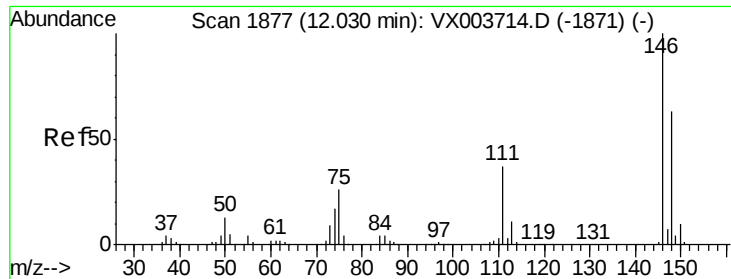
Tgt Ion:105 Resp: 124325
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 19.649 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

Tgt Ion:119 Resp: 110577
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.6
 91 23.0 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 19.722 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

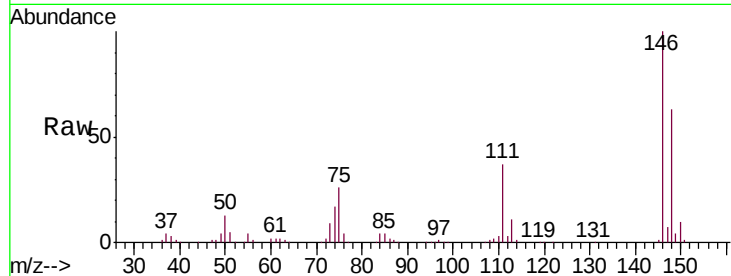
Tgt Ion:146 Resp: 62567

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.5

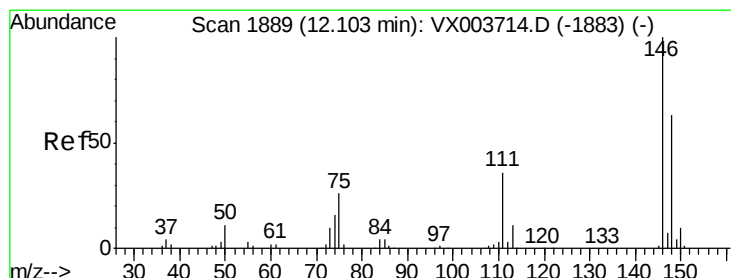
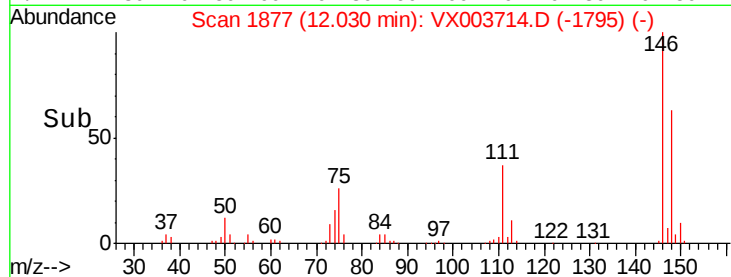
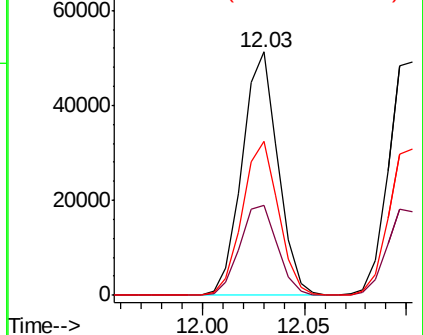
148 63.7 31.9 95.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.760 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

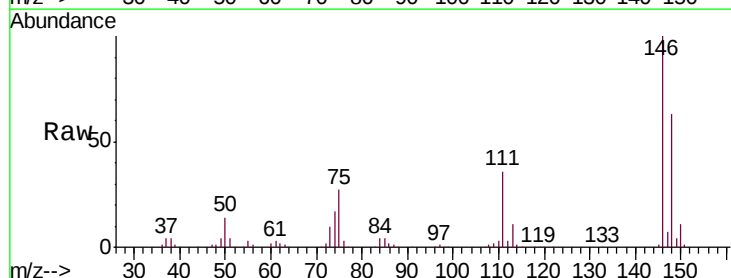
Tgt Ion:146 Resp: 63115

Ion Ratio Lower Upper

146 100

111 36.6 18.5 55.5

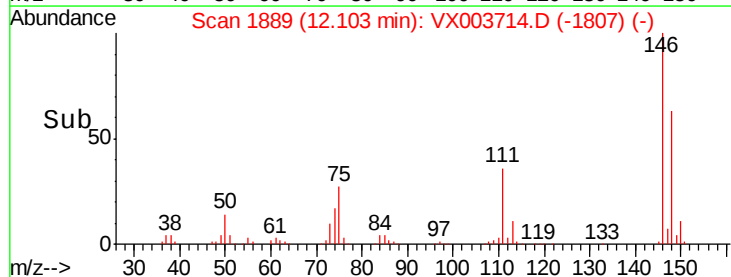
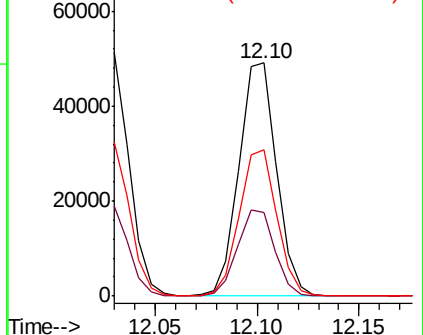
148 62.5 32.0 96.0

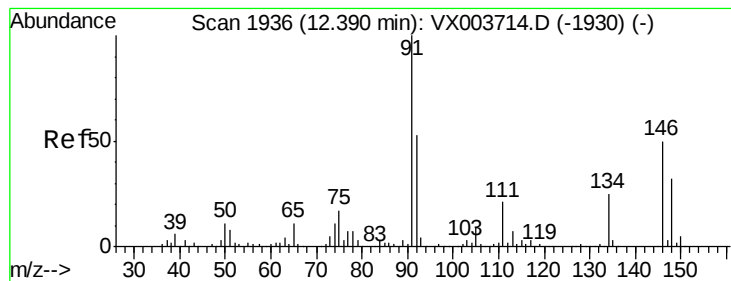


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 18.972 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

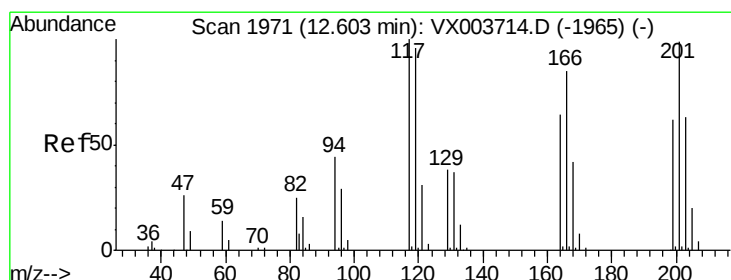
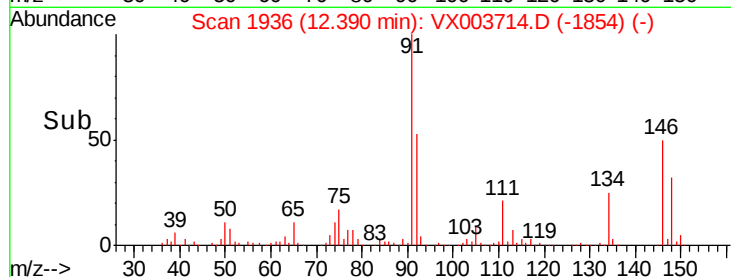
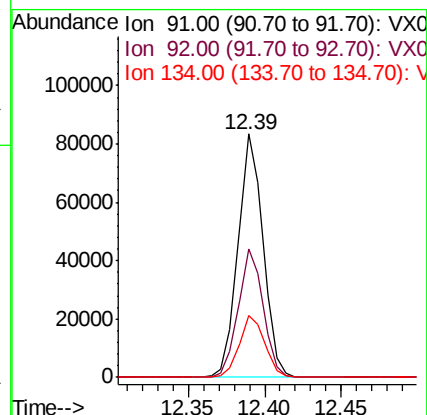
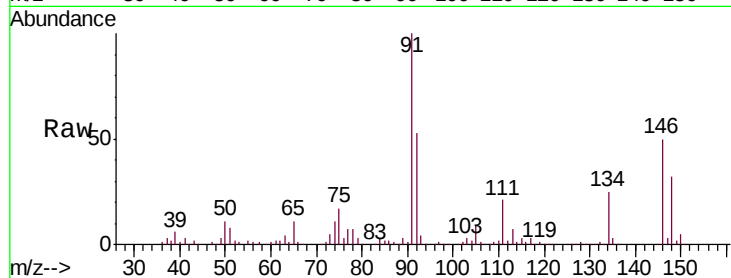
Tgt Ion: 91 Resp: 94770

Ion Ratio Lower Upper

91 100

92 52.4 0.0 105.2

134 25.7 0.0 53.2



#86

Hexachloroethane

Concen: 19.129 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX003714.D

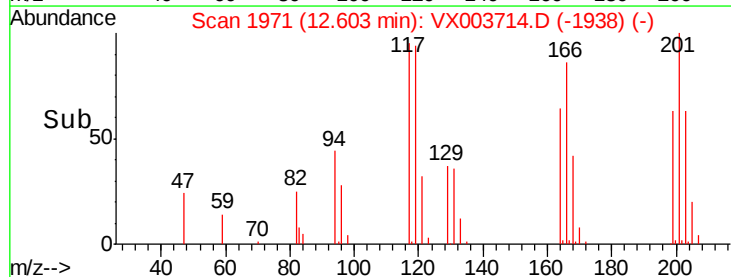
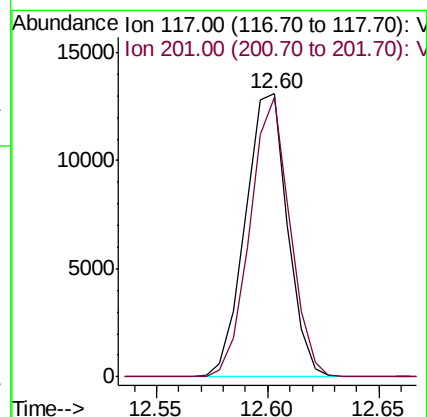
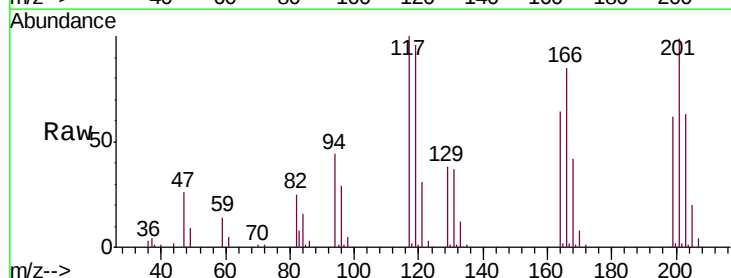
Acq: 27 Jul 2018 13:57

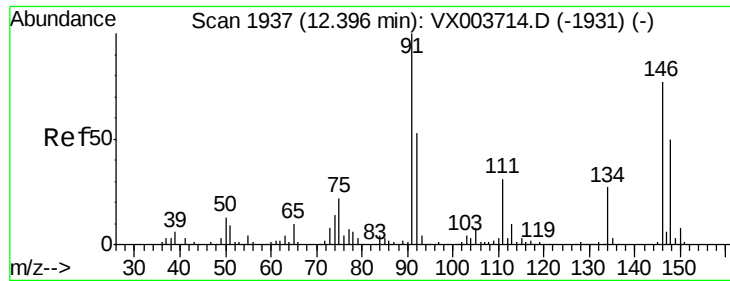
Tgt Ion: 117 Resp: 17347

Ion Ratio Lower Upper

117 100

201 93.0 47.6 142.8

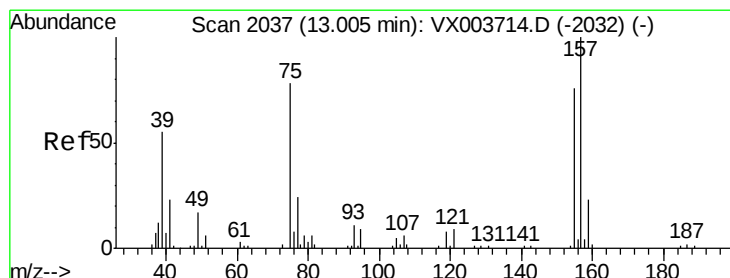
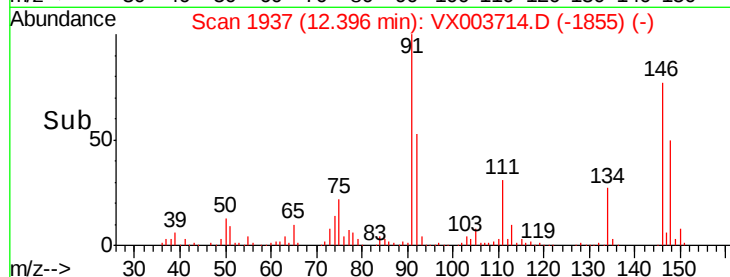
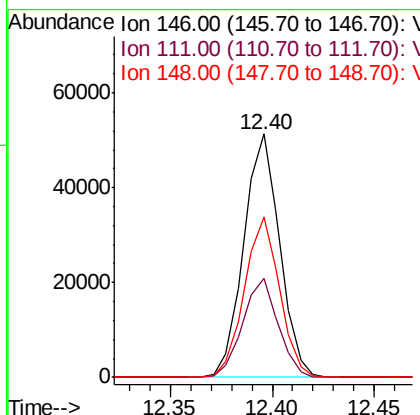
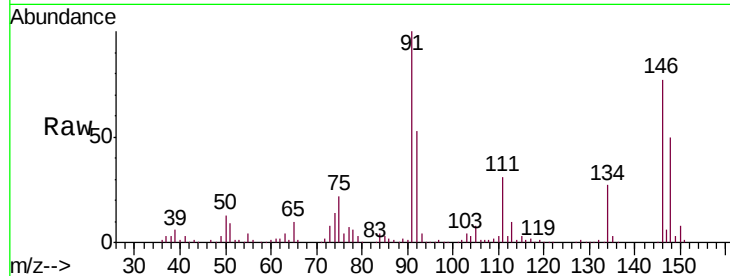




#87
 1,2-Dichlorobenzene
 Concen: 19.707 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

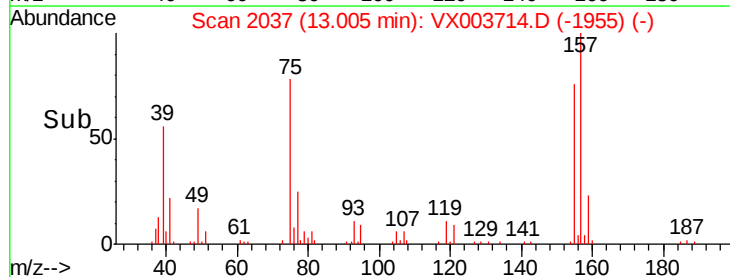
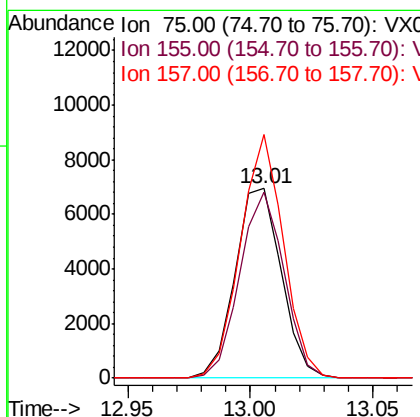
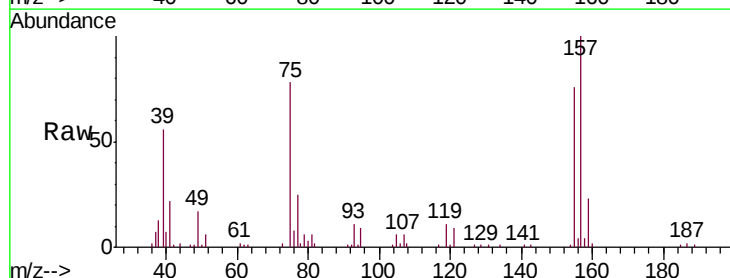
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

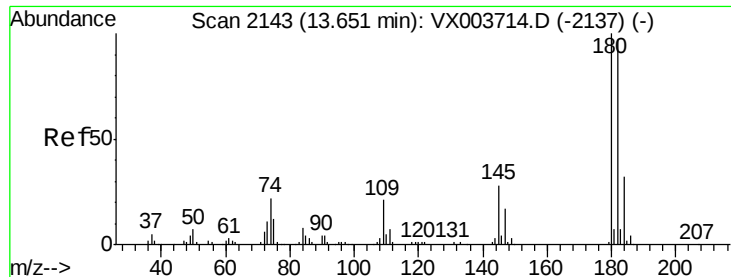
Tgt Ion: 146 Resp: 62762
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 64.4 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.895 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003714.D
 Acq: 27 Jul 2018 13:57

Tgt Ion: 75 Resp: 9177
 Ion Ratio Lower Upper
 75 100
 155 94.0 73.1 109.7
 157 119.0 93.1 139.7





#89

1,2,4-Trichlorobenzene

Concen: 19.134 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

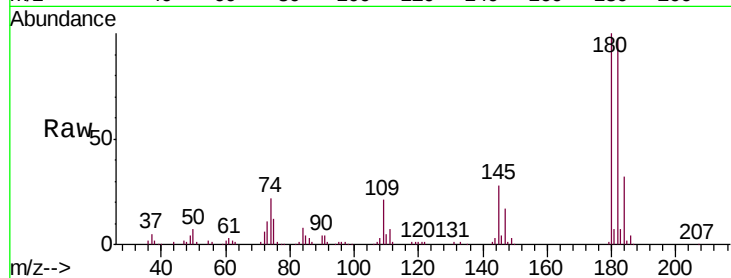
Tgt Ion:180 Resp: 42786

Ion Ratio Lower Upper

180 100

182 95.6 76.4 114.6

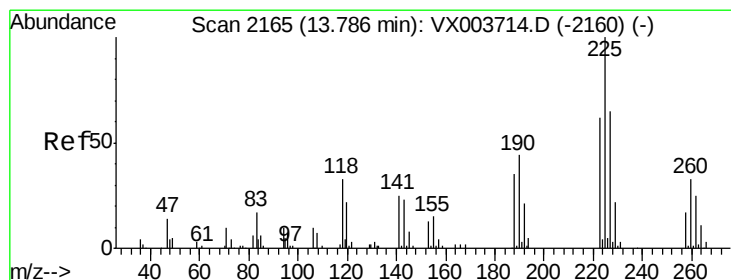
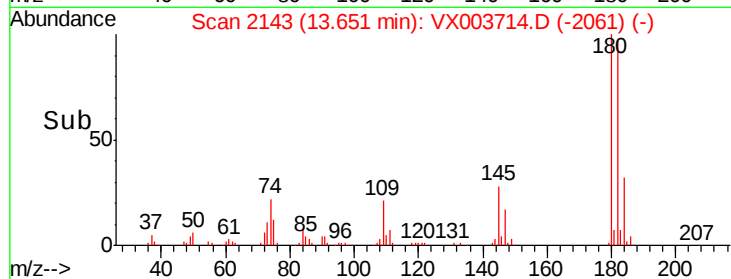
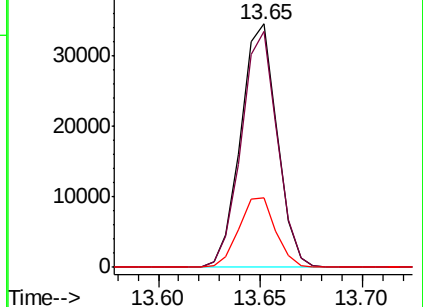
145 28.9 22.9 34.3



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 19.781 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003714.D

Acq: 27 Jul 2018 13:57

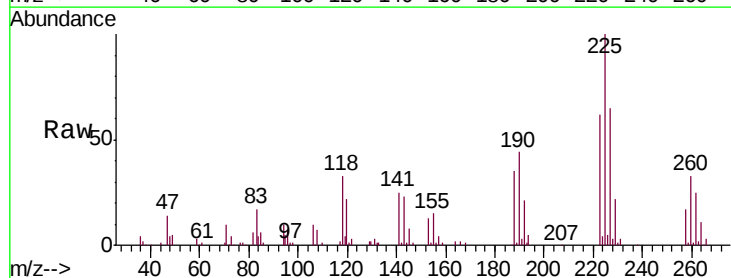
Tgt Ion:225 Resp: 20051

Ion Ratio Lower Upper

225 100

223 62.0 0.0 122.4

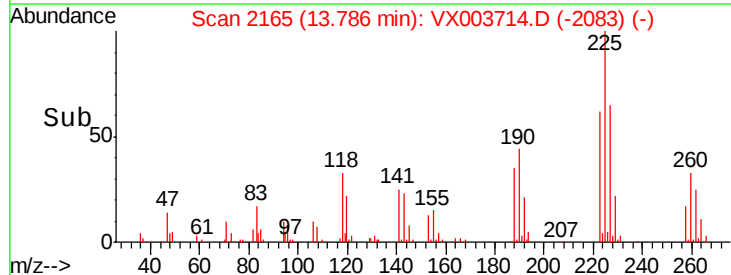
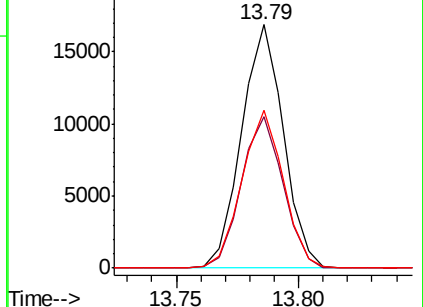
227 64.2 0.0 128.0

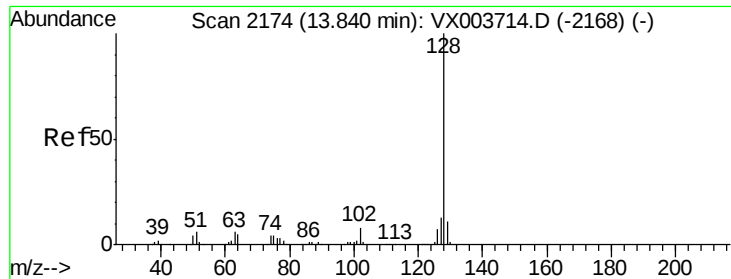


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

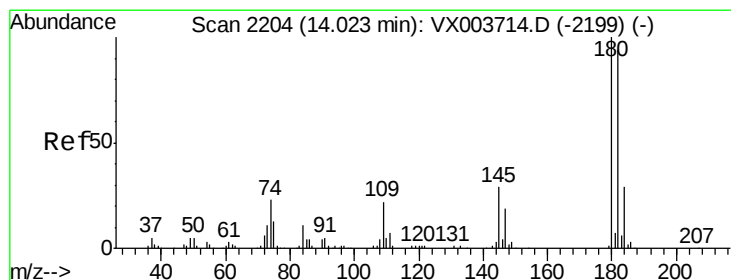
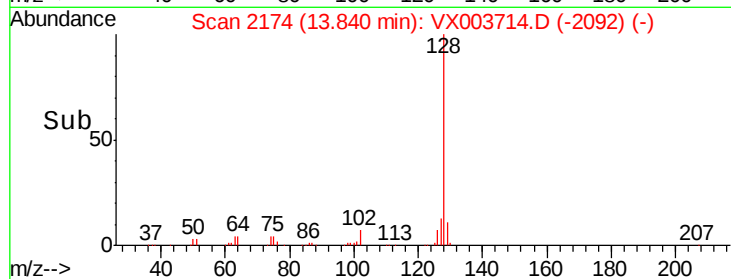
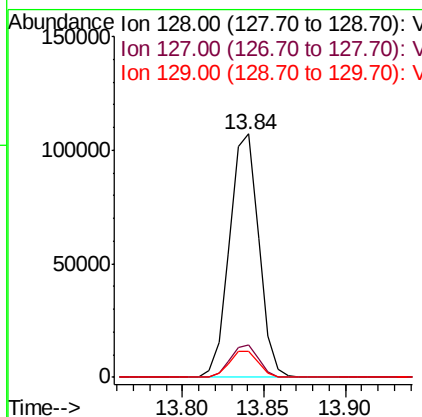
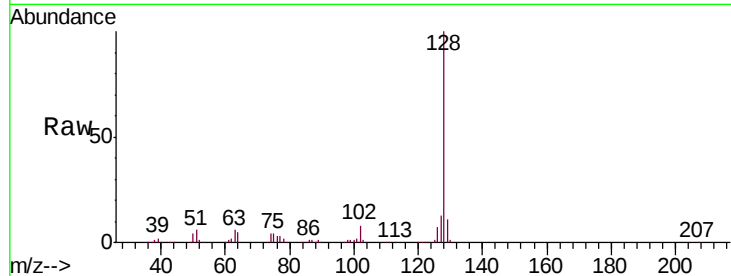




#91
Naphthalene
Concen: 19.632 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 134170
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.852 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003714.D
Acq: 27 Jul 2018 13:57

Tgt Ion:180 Resp: 45206
Ion Ratio Lower Upper
180 100
182 96.6 0.0 191.0
145 30.0 0.0 60.6

