

Data File : VX001717.D

Acq On : 14 May 2018 18:43

Operator : JC/MD

Sample : VSTDICC100

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 15 01:07:07 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:02:23 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	332719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	441862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	383795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	265600	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	420713	89.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.92%	
35) Dibromofluoromethane	5.51	113	364524	93.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.72%	
50) Toluene-d8	8.72	98	1382278	97.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.54%	
62) 4-Bromofluorobenzene	11.14	95	476898	89.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	325436	76.23	ug/l	100
3) Chloromethane	1.32	50	332898	78.62	ug/l	100
4) Vinyl Chloride	1.40	62	379529	85.33	ug/l	100
5) Bromomethane	1.64	94	158671	61.35	ug/l	97
6) Chloroethane	1.71	64	237583	81.37	ug/l	99
7) Trichlorofluoromethane	1.92	101	543990	81.78	ug/l	98
8) Diethyl Ether	2.19	74	227777	86.75	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	321156	82.13	ug/l	99
10) Methyl Iodide	2.51	142	347533	66.21	ug/l	99
11) Tert butyl alcohol	3.09	59	380116	395.21	ug/l	100
12) 1,1-Dichloroethene	2.37	96	313273	86.84	ug/l	98
13) Acrolein	2.30	56	271199	902.97	ug/l	99
14) Allyl chloride	2.73	41	603957	89.65	ug/l	99
15) Acrylonitrile	3.16	53	977124	437.88	ug/l	99
16) Acetone	2.45	43	815937	387.60	ug/l	99
17) Carbon Disulfide	2.56	76	842877	91.91	ug/l	99
18) Methyl Acetate	2.78	43	518634	91.88	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1083262	86.23	ug/l	99
20) Methylene Chloride	2.85	84	349193	82.90	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	342409	84.87	ug/l	98
22) Diisopropyl ether	3.88	45	1159829	91.68	ug/l	99
23) Vinyl Acetate	3.83	43	3966342	388.42	ug/l	100
24) 1,1-Dichloroethane	3.70	63	610529	86.89	ug/l	100
25) 2-Butanone	4.72	43	1361590	442.63	ug/l	98
26) 2,2-Dichloropropane	4.59	77	512155	93.86	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	403659	92.93	ug/l	99
28) Bromochloromethane	5.03	49	277984	89.91	ug/l	99
29) Tetrahydrofuran	5.18	42	887618	449.69	ug/l	99
30) Chloroform	5.22	83	650800	89.45	ug/l	99
31) Cyclohexane	5.57	56	569016	93.47	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	587192	92.48	ug/l	99
36) 1,1-Dichloropropene	5.80	75	495117	89.40	ug/l	100
37) Ethyl Acetate	4.87	43	528320	87.66	ug/l	100
38) Carbon Tetrachloride	5.79	117	532215	90.68	ug/l	100

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MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 15 01:07:07 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:02:23 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	611957	93.46	ug/l	99
40) Benzene	6.15	78	1471064	90.96	ug/l	99
41) Methacrylonitrile	5.07	41	304820	88.13	ug/l	99
42) 1,2-Dichloroethane	6.20	62	514346	83.57	ug/l	100
43) Isopropyl Acetate	6.48	43	864959	93.41	ug/l	99
44) Trichloroethene	7.22	130	451887	90.93	ug/l	98
45) 1,2-Dichloropropane	7.52	63	363012	89.98	ug/l	99
46) Dibromomethane	7.67	93	249946	87.85	ug/l	98
47) Bromodichloromethane	7.90	83	501534	95.33	ug/l	98
48) Methyl methacrylate	7.79	41	458611	91.25	ug/l	98
49) 1,4-Dioxane	7.77	88	181722	1710.02	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	2767276	451.10	ug/l	99
52) Toluene	8.79	92	974333	92.17	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	615429	103.00	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	524977	97.86	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	351336	83.22	ug/l	99
56) Ethyl methacrylate	9.19	69	550103	90.73	ug/l	99
57) 1,3-Dichloropropane	9.38	76	589714	84.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1457263	485.31	ug/l	100
59) 2-Hexanone	9.51	43	1949051	420.13	ug/l	99
60) Dibromochloromethane	9.59	129	403372	93.92	ug/l	100
61) 1,2-Dibromoethane	9.68	107	381901	86.43	ug/l	99
64) Tetrachloroethene	9.34	164	472104	89.34	ug/l	99
65) Chlorobenzene	10.15	112	1031098	92.63	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	385070	97.01	ug/l	99
67) Ethyl Benzene	10.26	91	1701037	93.33	ug/l	99
68) m/p-Xylenes	10.37	106	1359055	188.92	ug/l	99
69) o-Xylene	10.71	106	661456	94.85	ug/l	99
70) Styrene	10.72	104	1106858	97.51	ug/l	100
71) Bromoform	10.87	173	351018	108.13	ug/l	99
73) Isopropylbenzene	11.02	105	1743659	95.04	ug/l	100
74) N-amyl acetate	6.48	43	864959	102.69	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	517349	95.57	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	639362	118.70	ug/l	90
77) Bromobenzene	11.26	156	503979	94.19	ug/l	100
78) n-propylbenzene	11.37	91	1955884	97.72	ug/l	100
79) 2-Chlorotoluene	11.43	91	1155695	94.18	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1458655	95.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	170800	120.23	ug/l	95
82) 4-Chlorotoluene	11.52	91	1358866	95.91	ug/l	100
83) tert-Butylbenzene	11.77	119	1496663	98.98	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	1516197	96.72	ug/l	100
85) sec-Butylbenzene	11.95	105	1781675	97.75	ug/l	100
86) p-Isopropyltoluene	12.07	119	1656651	99.29	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	929918	97.36	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	936217	96.06	ug/l	100
89) n-Butylbenzene	12.40	91	1437079	103.26	ug/l	99
90) Hexachloroethane	12.60	117	280868	110.59	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	922384	95.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	122126	103.08	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051518\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VSTDICC100

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:02:23 2018
Response via : Initial Calibration

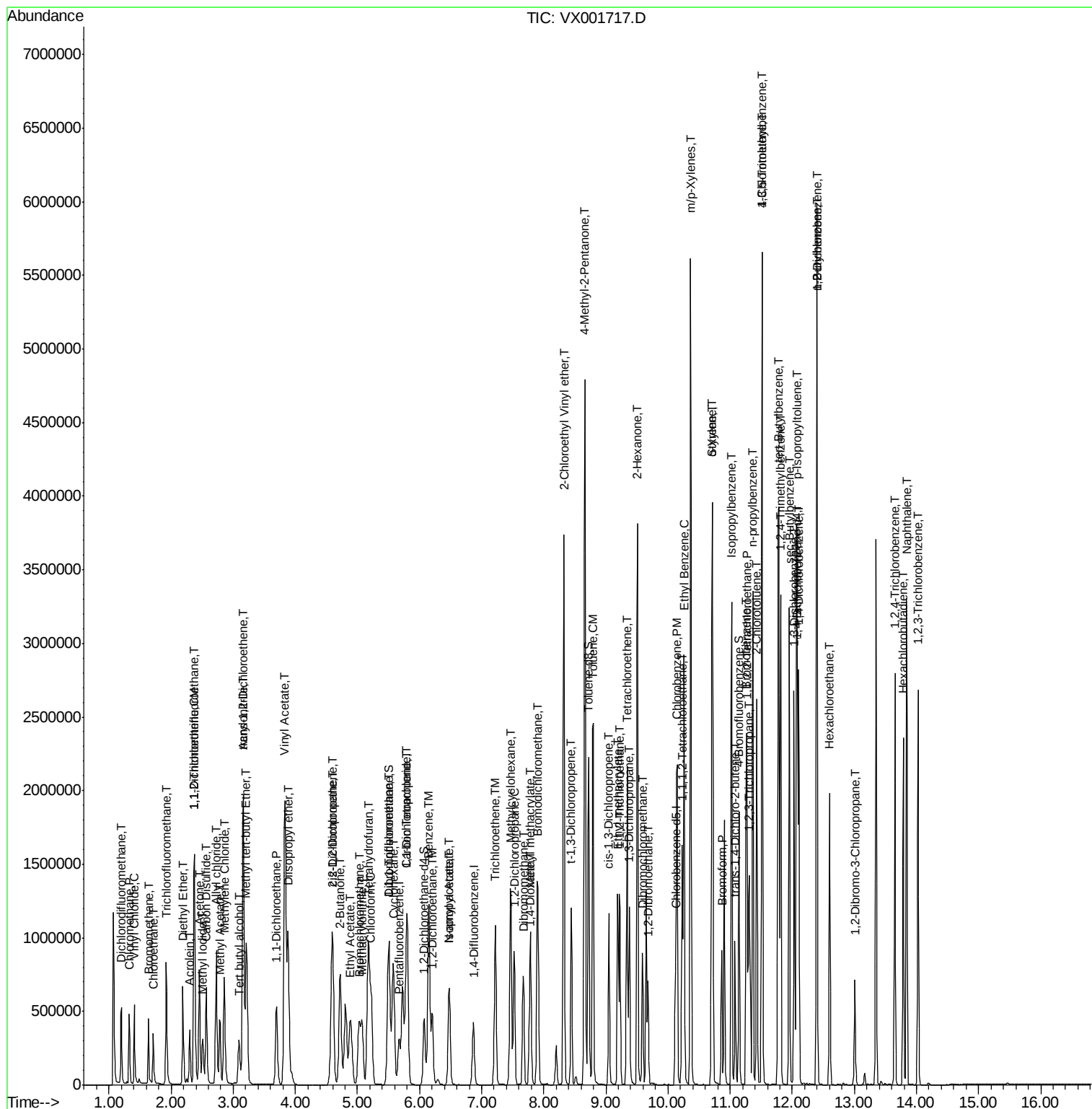
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	749544	104.45	ug/l	99
94) Hexachlorobutadiene	13.79	225	396404	101.05	ug/l	100
95) Naphthalene	13.84	128	2037055	103.32	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	742438	101.27	ug/l	100

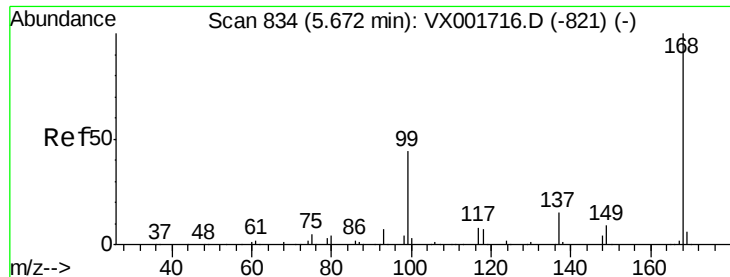
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ALS Vial      : 13      Sample Multiplier: 1
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VSTDICC100

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

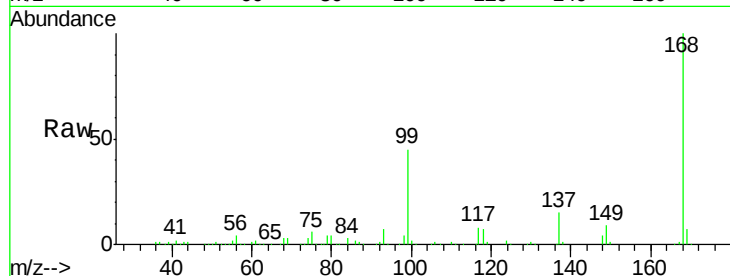
VSTDIC100

Tgt Ion:168 Resp: 332719

Ion Ratio Lower Upper

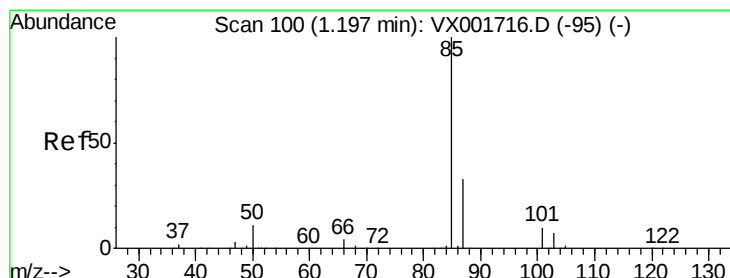
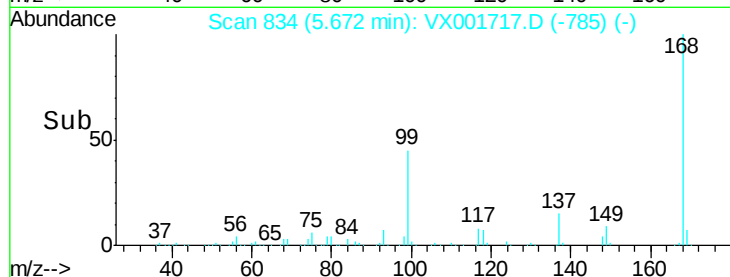
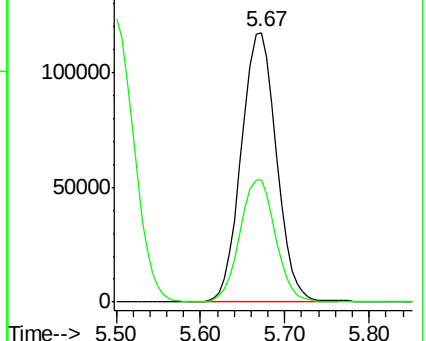
168 100

99 45.0 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 76.23 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001717.D

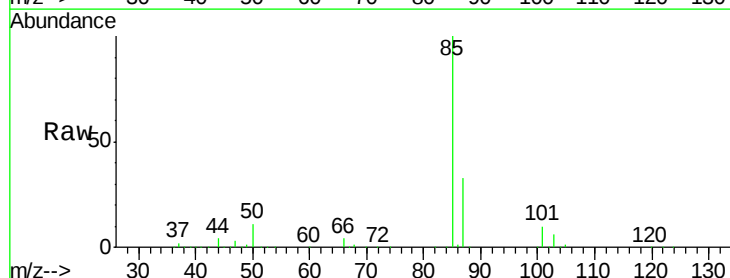
Acq: 14 May 2018 18:43

Tgt Ion: 85 Resp: 325436

Ion Ratio Lower Upper

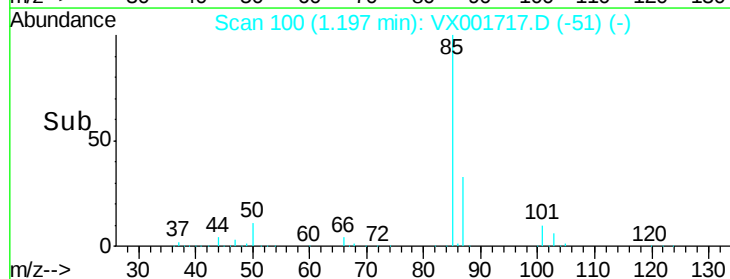
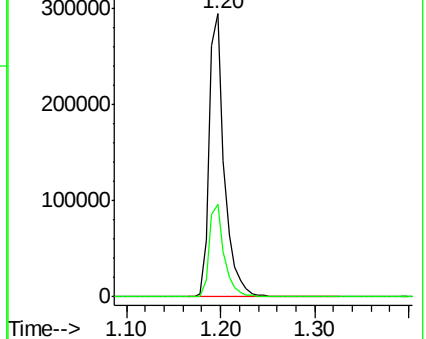
85 100

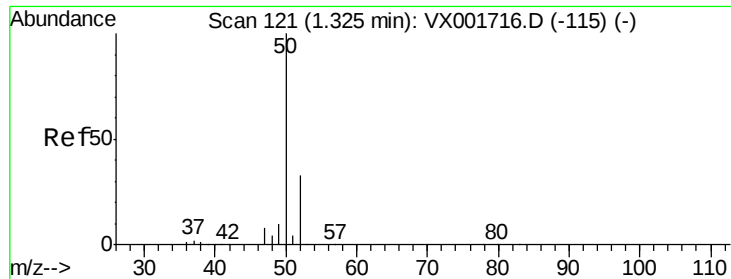
87 32.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 78.62 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

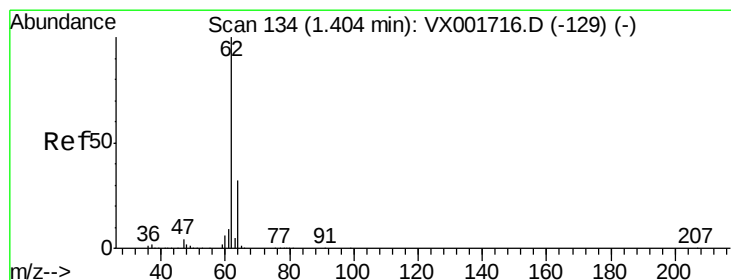
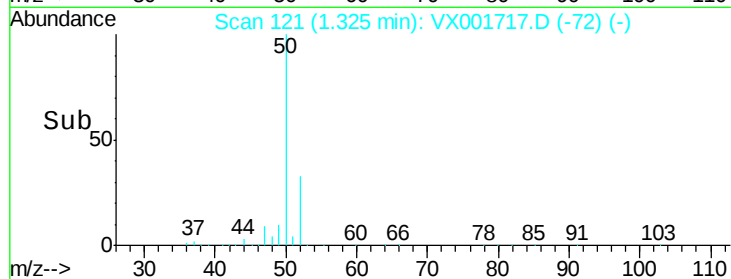
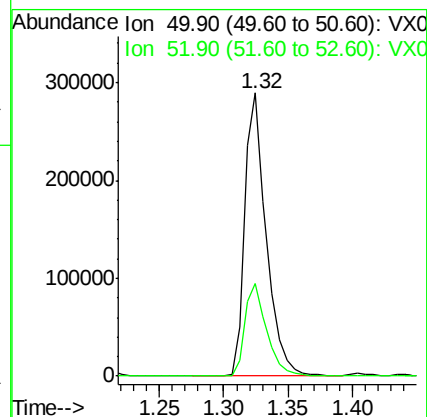
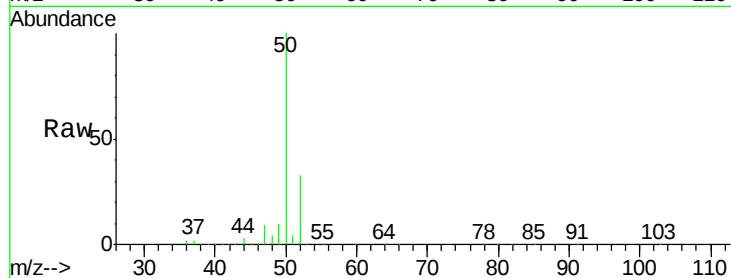
VSTDIC100

Tgt Ion: 50 Resp: 332898

Ion Ratio Lower Upper

50 100

52 32.9 26.3 39.5



#4

Vinyl Chloride

Concen: 85.33 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001717.D

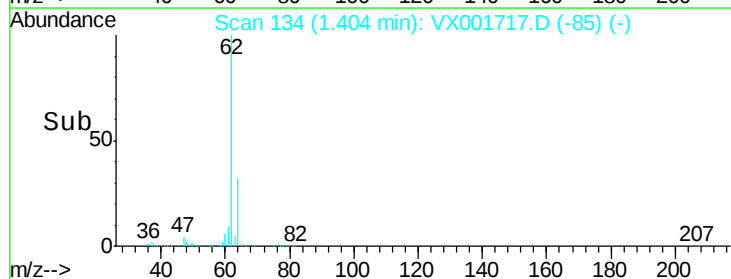
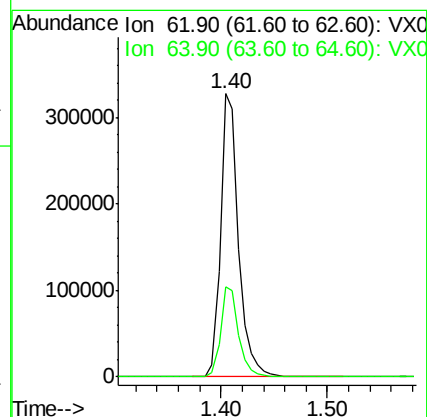
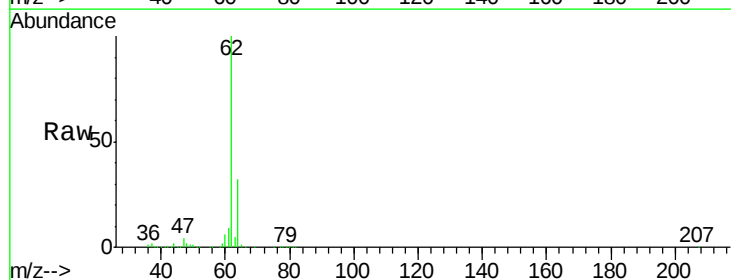
Acq: 14 May 2018 18:43

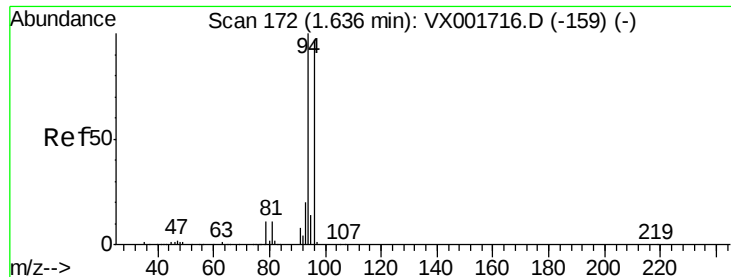
Tgt Ion: 62 Resp: 379529

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 61.35 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

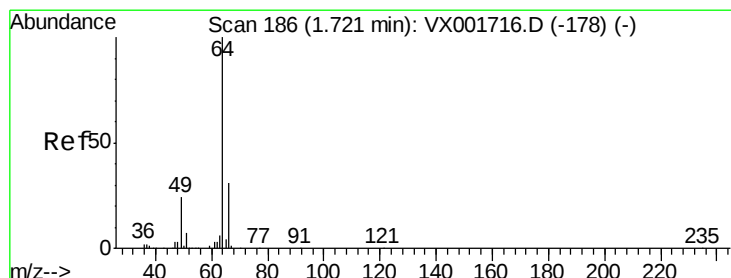
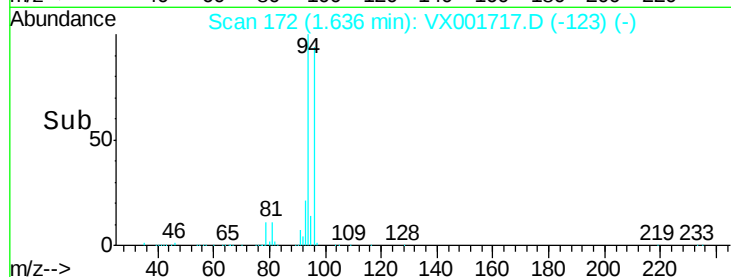
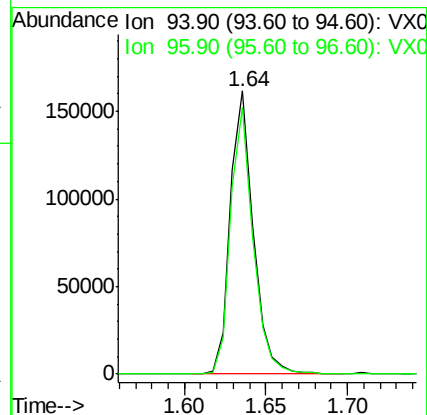
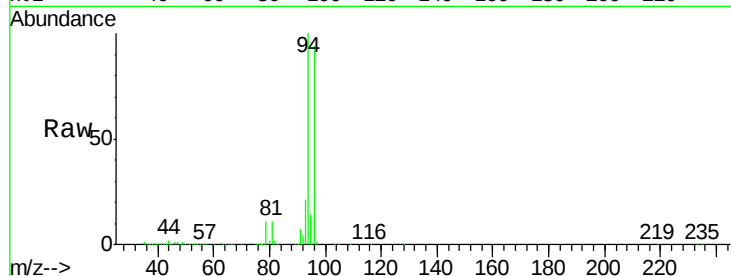
VSTDIC100

Tgt Ion: 94 Resp: 158671

Ion Ratio Lower Upper

94 100

96 94.2 77.4 116.0



#6

Chloroethane

Concen: 81.37 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX001717.D

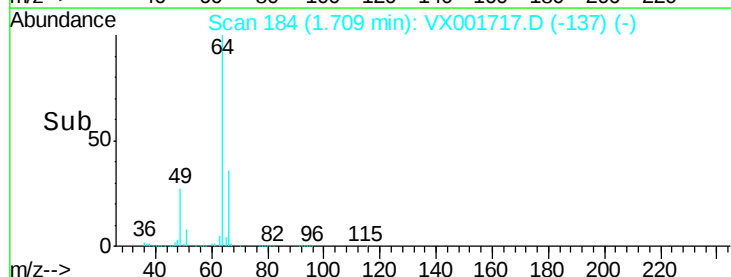
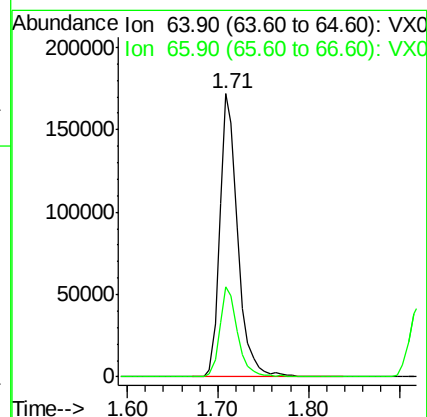
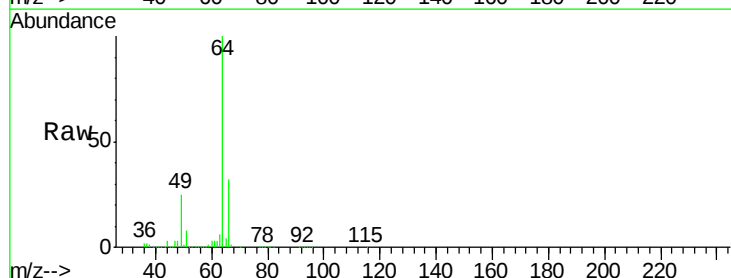
Acq: 14 May 2018 18:43

Tgt Ion: 64 Resp: 237583

Ion Ratio Lower Upper

64 100

66 31.8 25.2 37.8



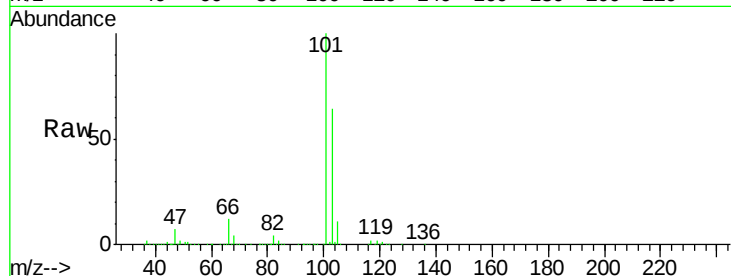


#7

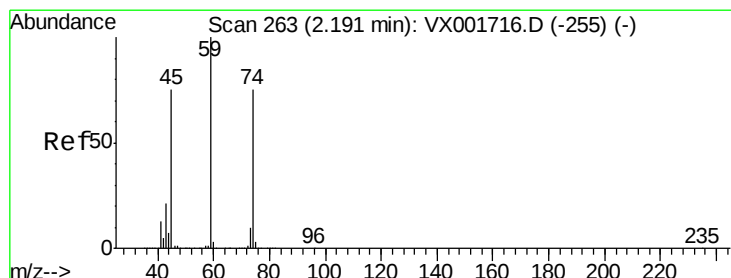
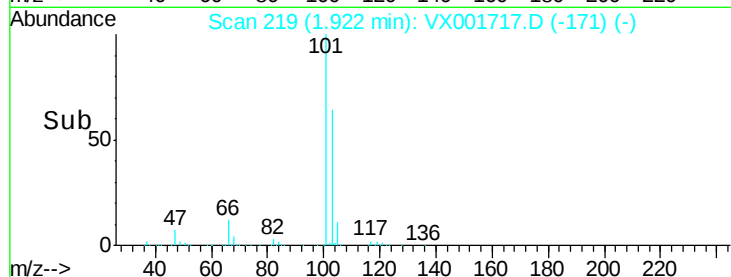
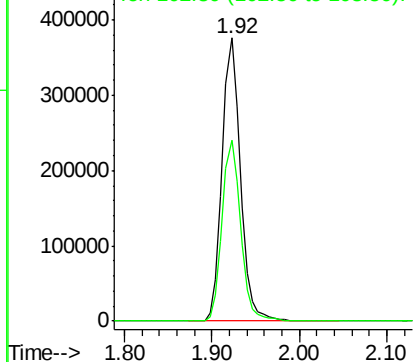
Trichlorofluoromethane
 Concen: 81.78 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:101 Resp: 543990
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.6 78.8



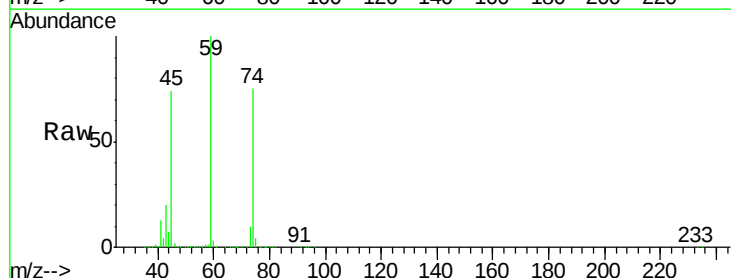
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



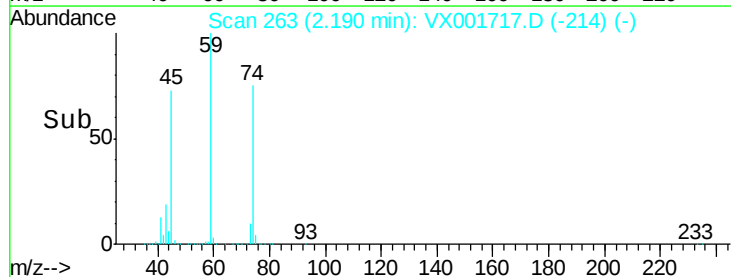
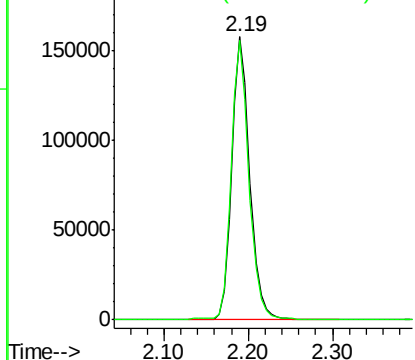
#8

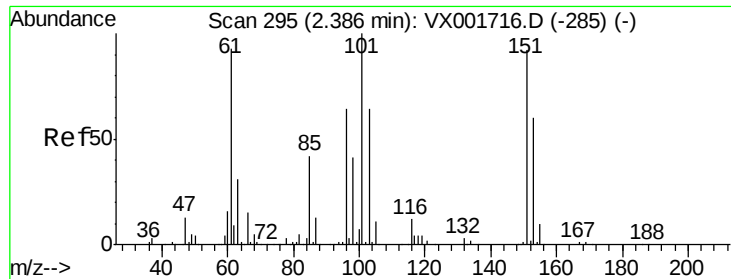
Diethyl Ether
 Concen: 86.75 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

Tgt Ion: 74 Resp: 227777
 Ion Ratio Lower Upper
 74 100
 45 98.1 50.0 149.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 82.13 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

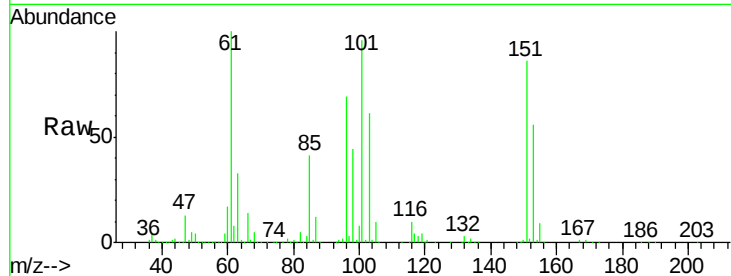
Tgt Ion:101 Resp: 321156

Ion Ratio Lower Upper

101 100

85 41.7 33.7 50.5

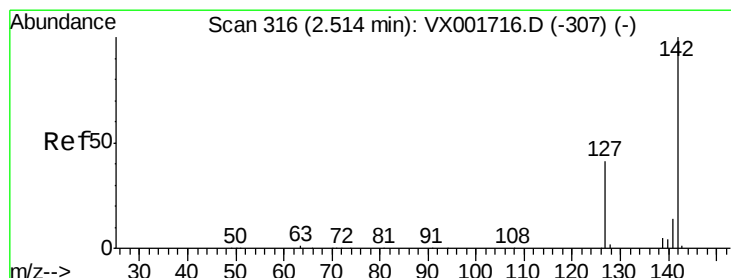
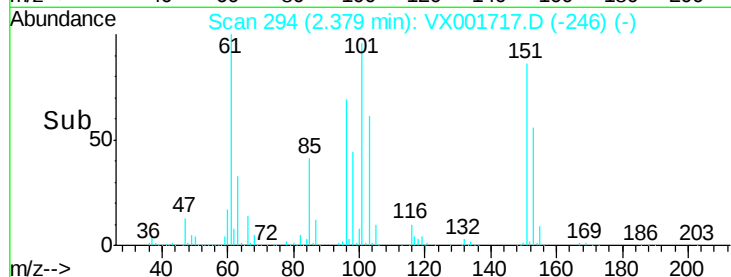
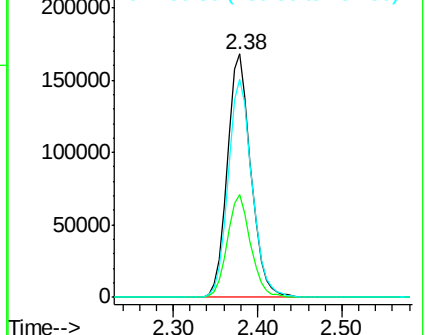
151 90.7 73.0 109.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 66.21 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

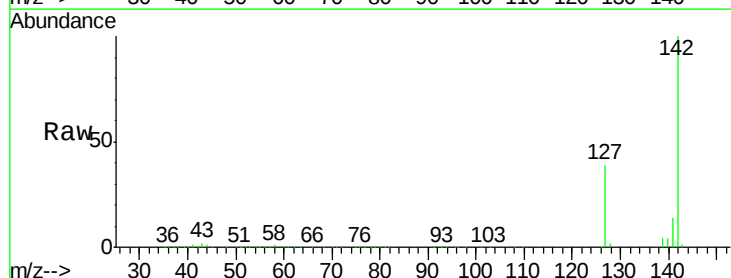
Tgt Ion:142 Resp: 347533

Ion Ratio Lower Upper

142 100

127 39.7 32.5 48.7

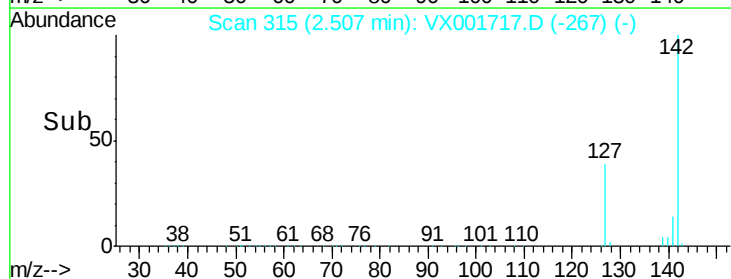
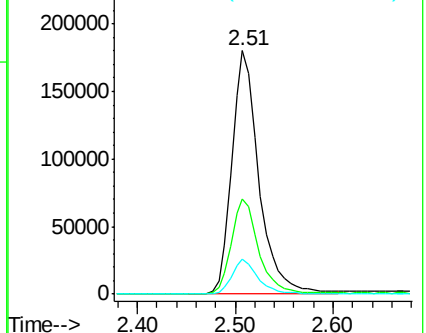
141 14.1 11.4 17.0

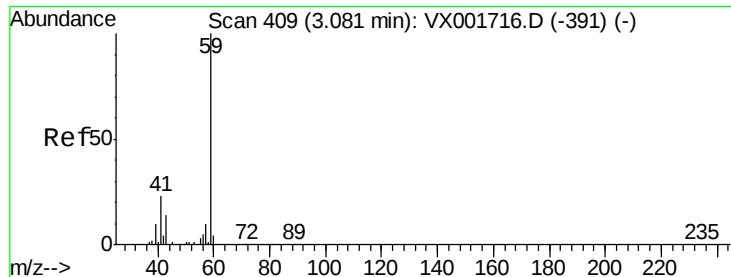


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

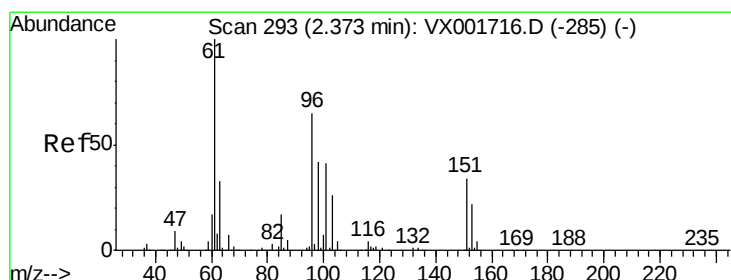
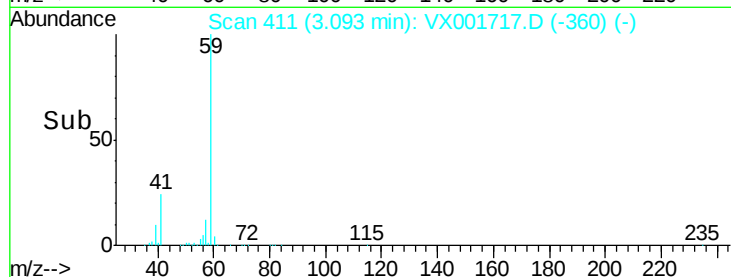
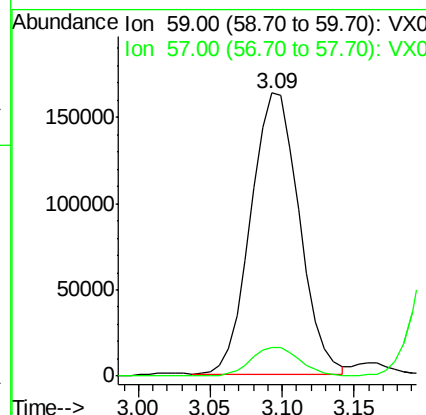
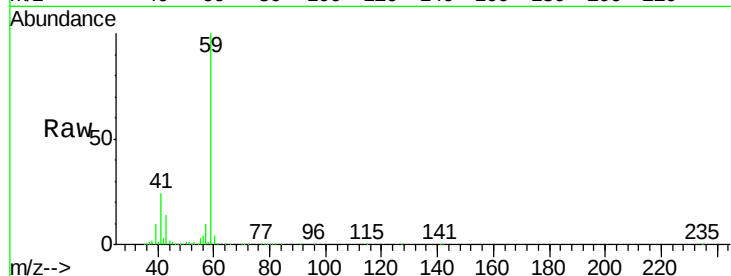




#11
Tert butyl alcohol
Concen: 395.21 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

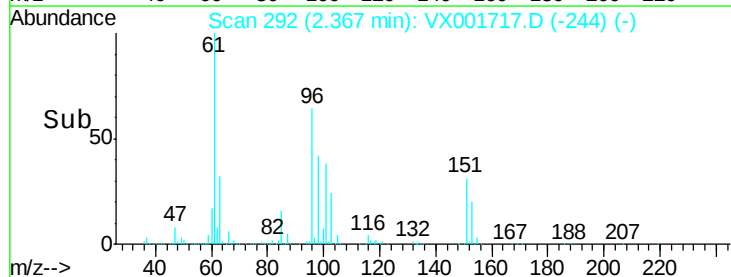
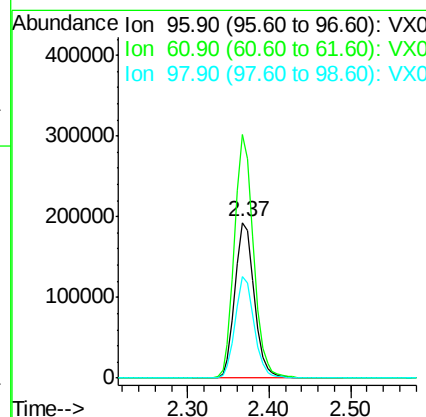
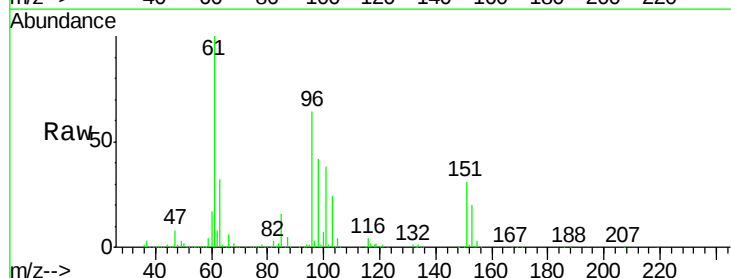
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

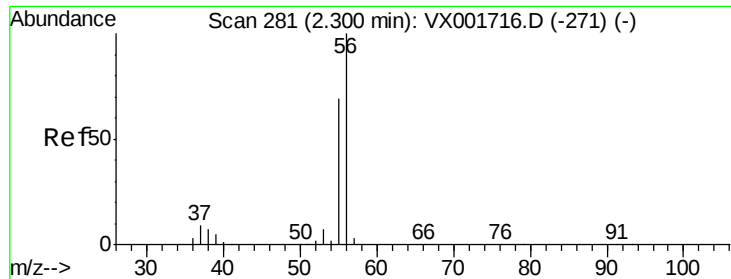
Tgt Ion: 59 Resp: 380116
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 86.84 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

Tgt Ion: 96 Resp: 313273
Ion Ratio Lower Upper
96 100
61 156.5 122.2 183.2
98 65.0 51.4 77.0

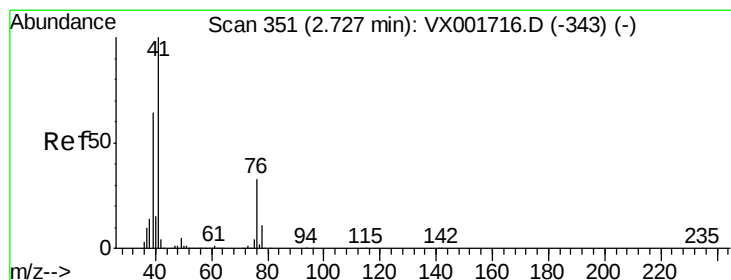
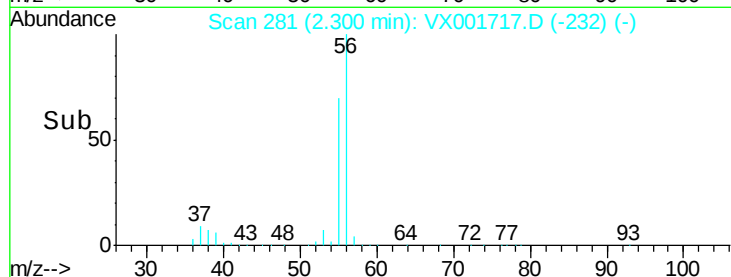
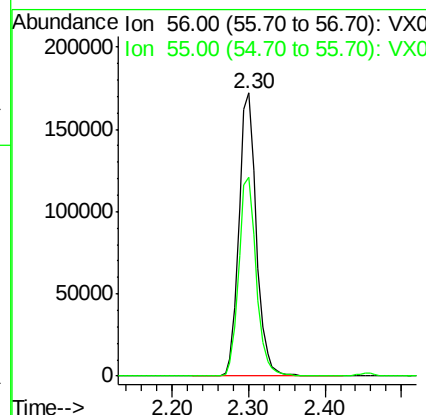
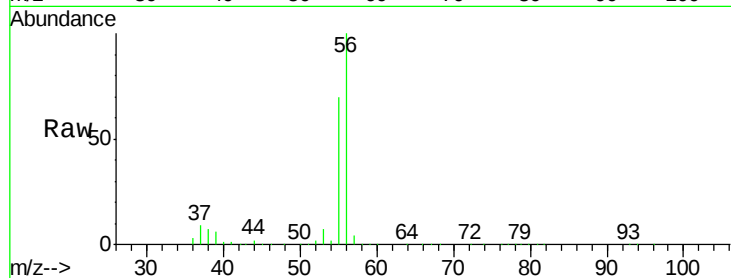




#13
 Acrolein
 Concen: 902.97 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

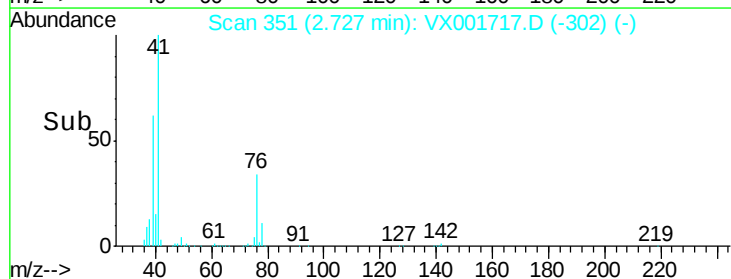
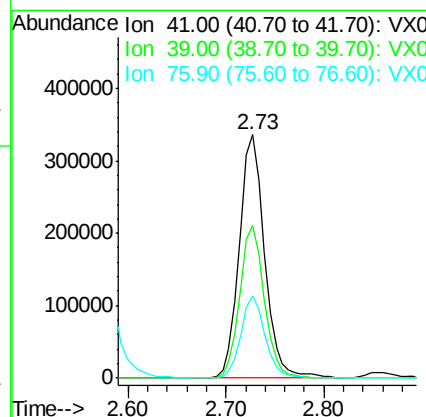
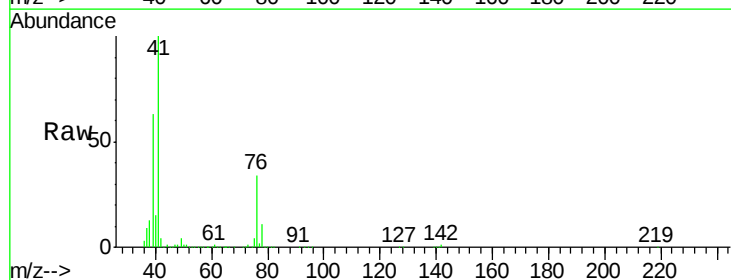
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

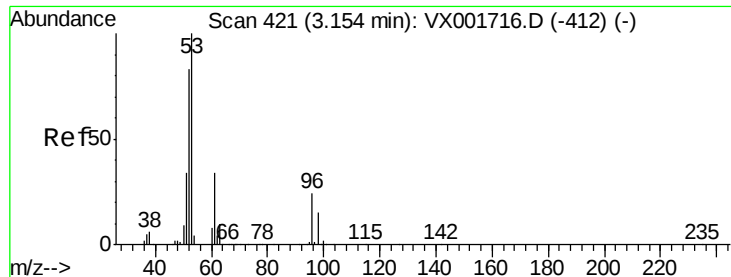
Tgt Ion: 56 Resp: 271199
 Ion Ratio Lower Upper
 56 100
 55 70.7 56.2 84.2



#14
 Allyl chloride
 Concen: 89.65 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

Tgt Ion: 41 Resp: 603957
 Ion Ratio Lower Upper
 41 100
 39 61.0 49.8 74.6
 76 32.2 25.8 38.8





#15

Acrylonitrile

Concen: 437.88 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

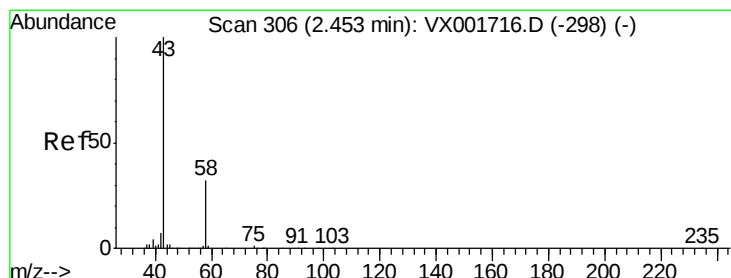
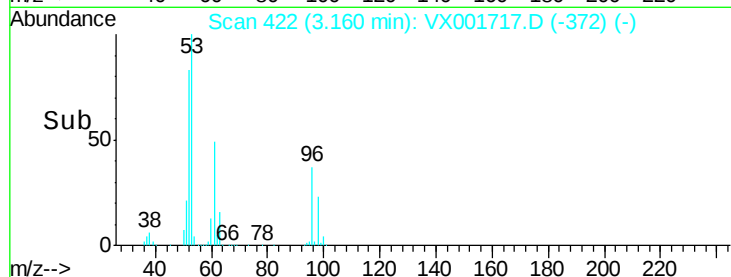
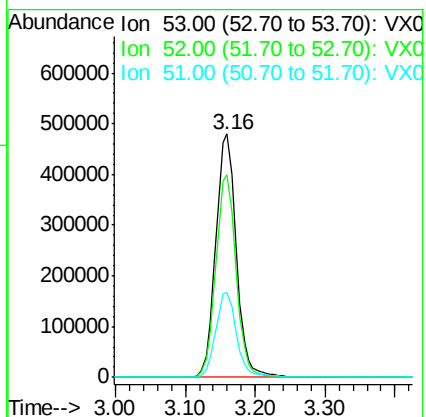
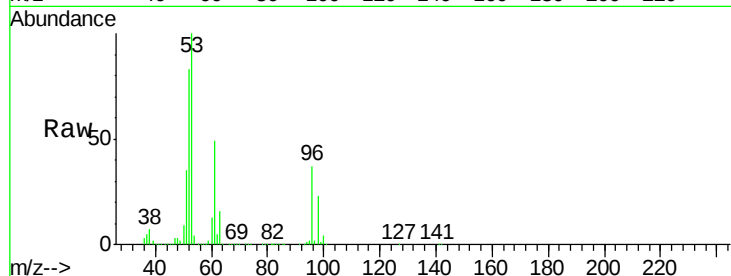
Tgt Ion: 53 Resp: 977124

Ion Ratio Lower Upper

53 100

52 82.6 65.6 98.4

51 35.4 28.1 42.1



#16

Acetone

Concen: 387.60 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001717.D

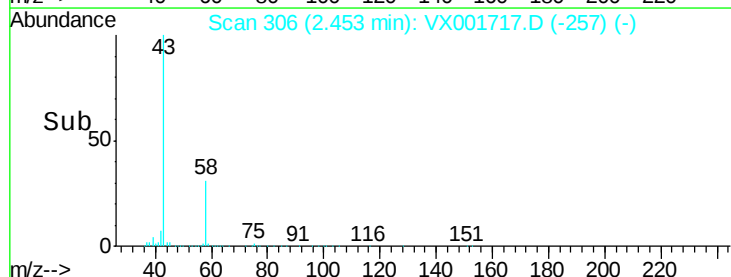
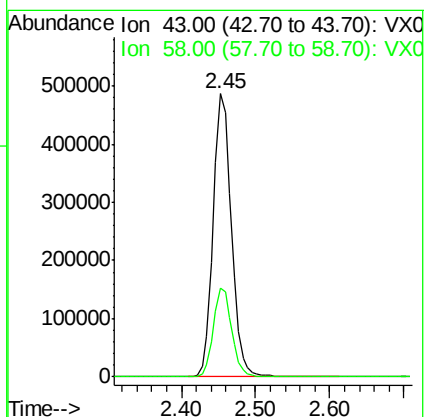
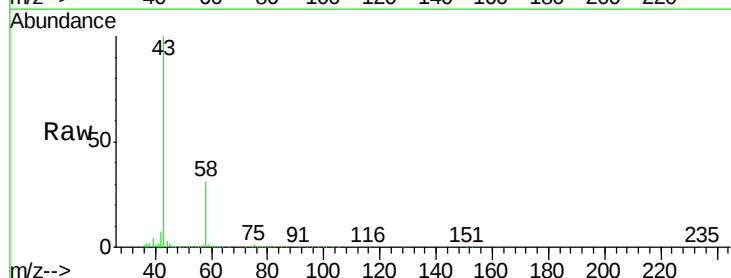
Acq: 14 May 2018 18:43

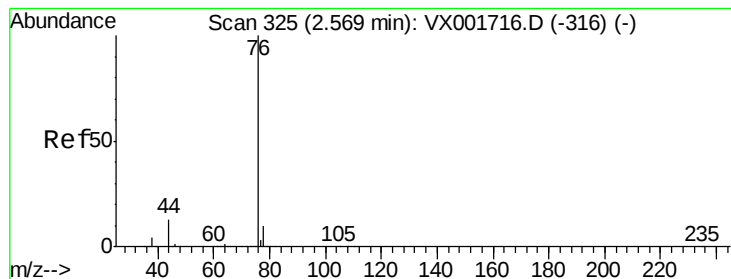
Tgt Ion: 43 Resp: 815937

Ion Ratio Lower Upper

43 100

58 31.2 25.3 37.9





#17

Carbon Disulfide

Concen: 91.91 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampled :

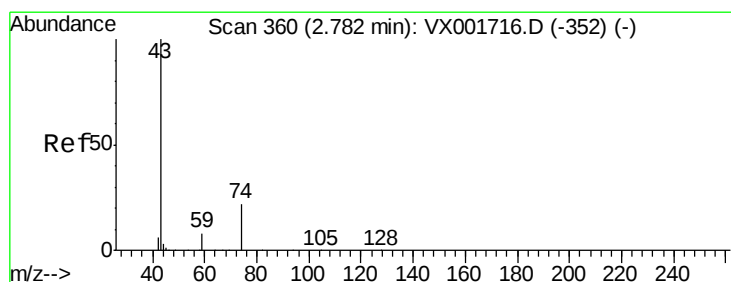
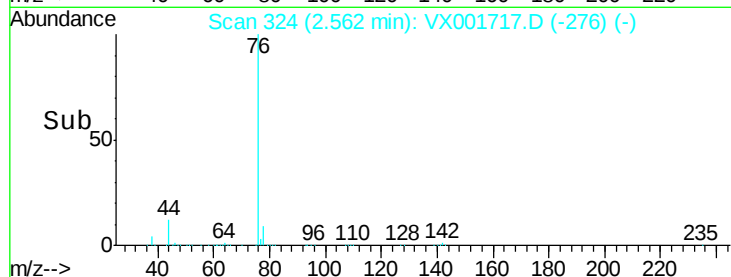
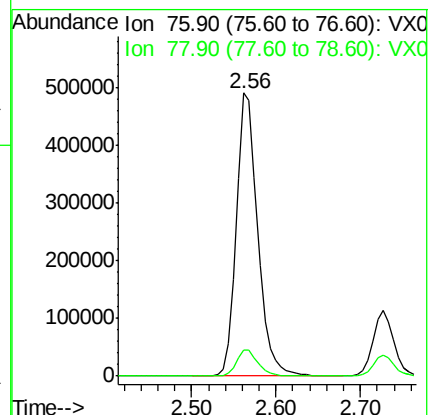
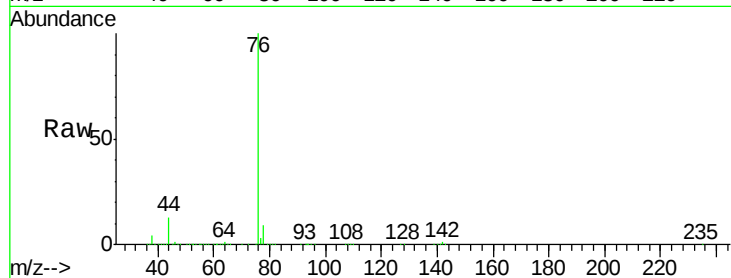
VSTDIC100

Tgt Ion: 76 Resp: 842877

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4



#18

Methyl Acetate

Concen: 91.88 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001717.D

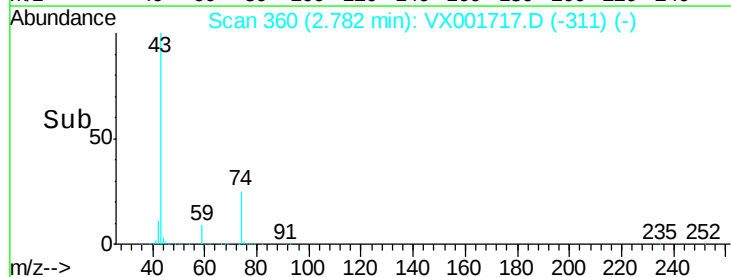
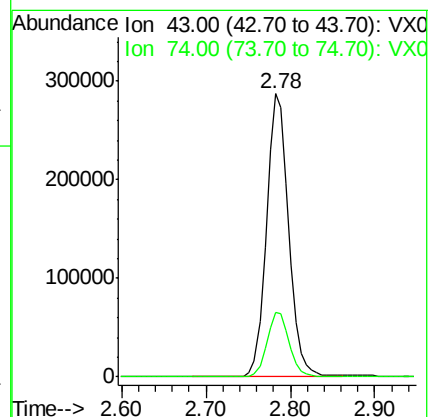
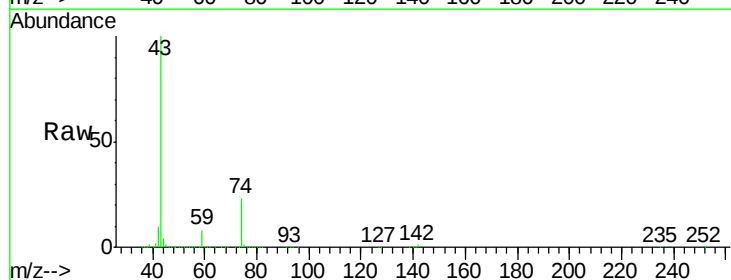
Acq: 14 May 2018 18:43

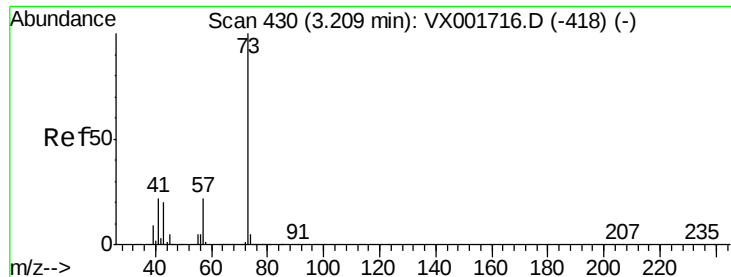
Tgt Ion: 43 Resp: 518634

Ion Ratio Lower Upper

43 100

74 23.0 18.2 27.2

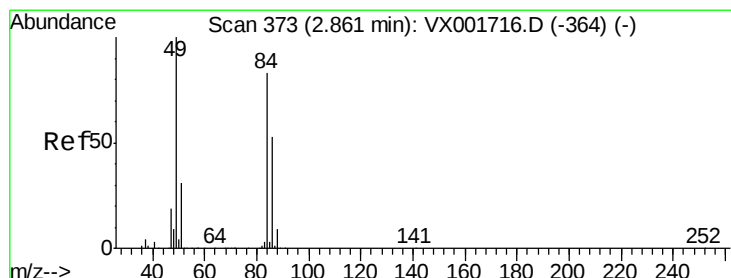
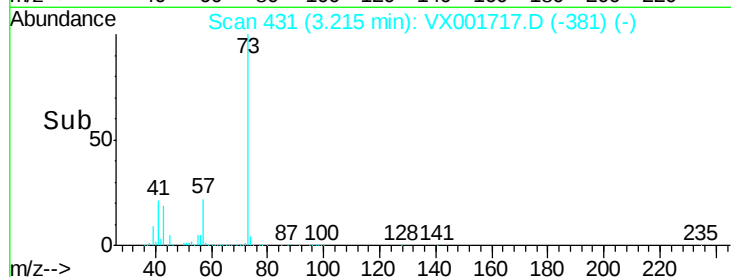
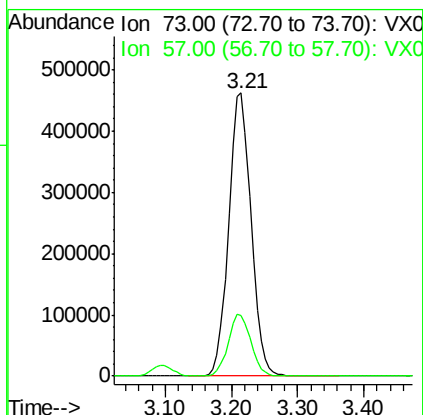
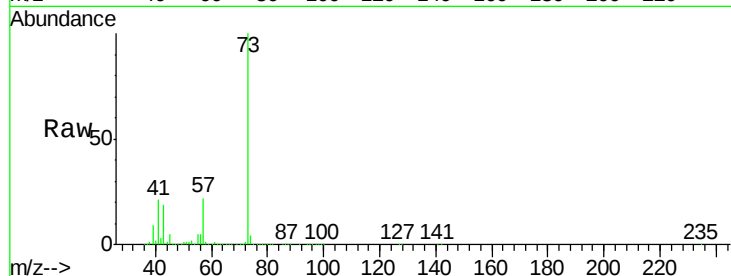




#19
Methyl tert-butyl Ether
Concen: 86.23 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

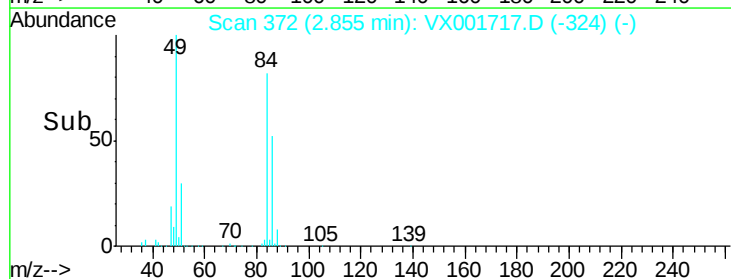
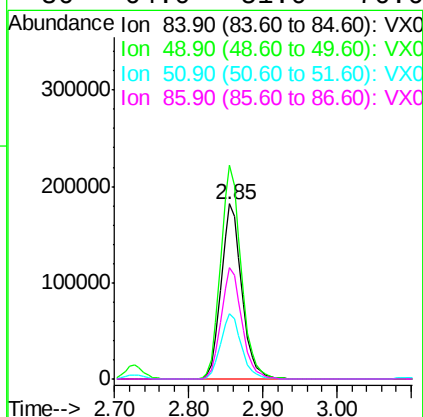
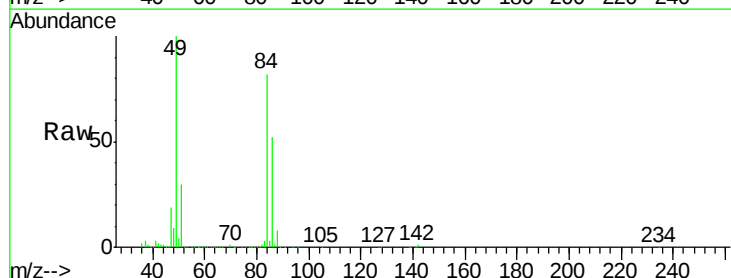
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 1083262
Ion Ratio Lower Upper
73 100
57 21.6 17.5 26.3



#20
Methylene Chloride
Concen: 82.90 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

Tgt Ion: 84 Resp: 349193
Ion Ratio Lower Upper
84 100
49 122.2 96.3 144.5
51 37.1 29.8 44.6
86 64.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 84.87 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

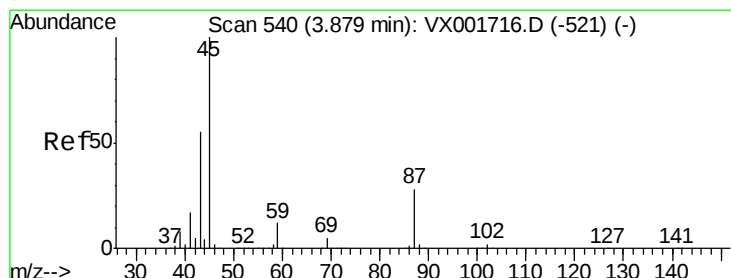
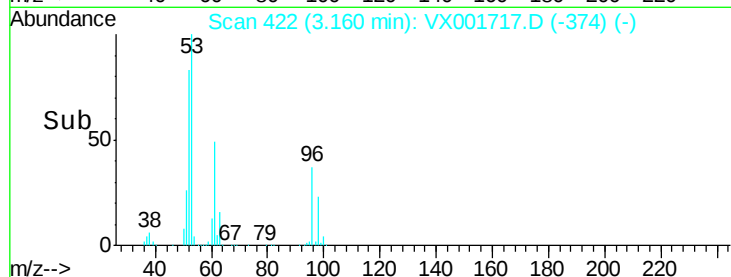
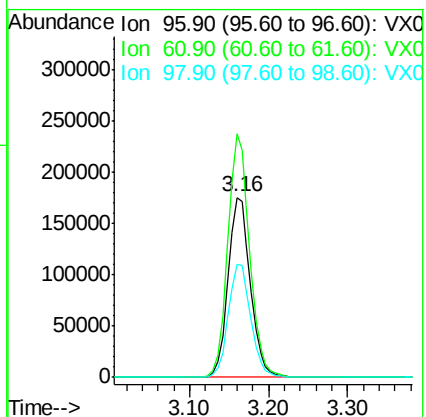
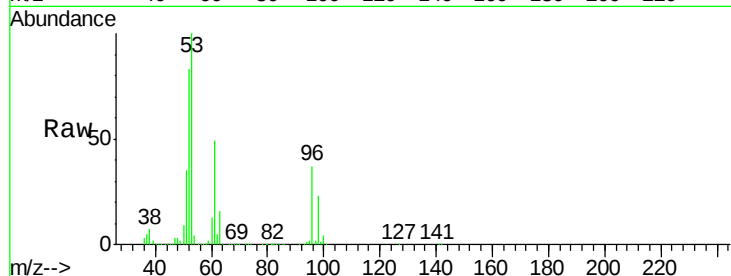
Tgt Ion: 96 Resp: 342409

Ion Ratio Lower Upper

96 100

61 135.1 105.8 158.8

98 63.1 50.2 75.4



#22

Diisopropyl ether

Concen: 91.68 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Tgt Ion: 45 Resp: 1159829

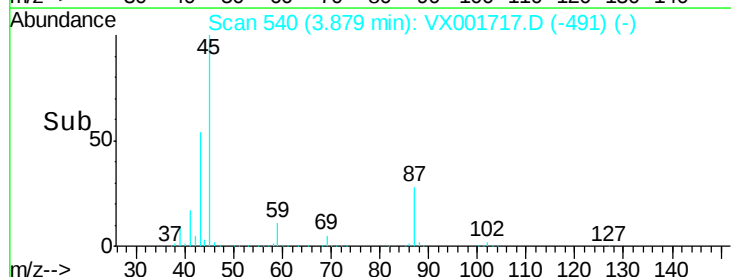
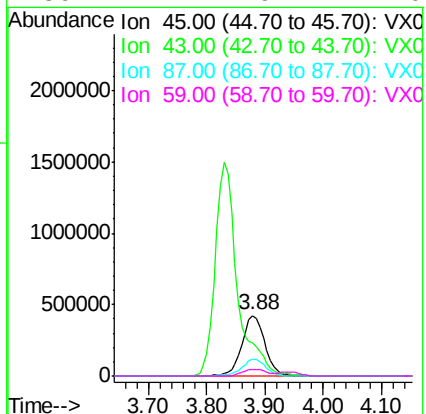
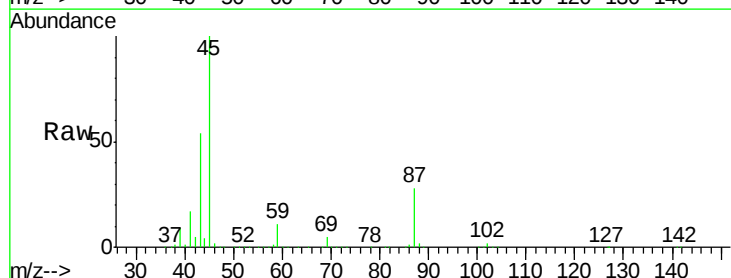
Ion Ratio Lower Upper

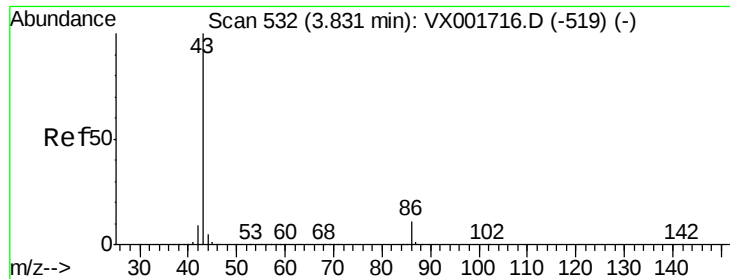
45 100

43 54.0 44.3 66.5

87 28.2 22.6 33.8

59 11.4 9.4 14.0





#23

Vinyl Acetate

Concen: 388.42 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

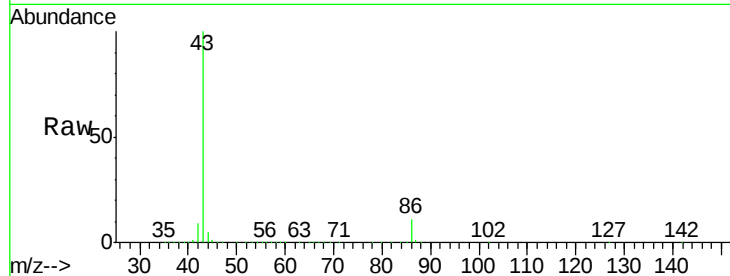
VSTDIC100

Tgt Ion: 43 Resp: 3966342

Ion Ratio Lower Upper

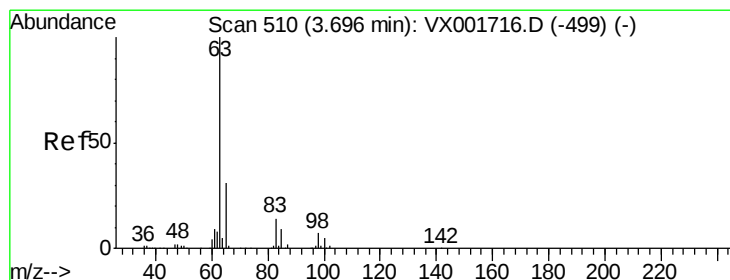
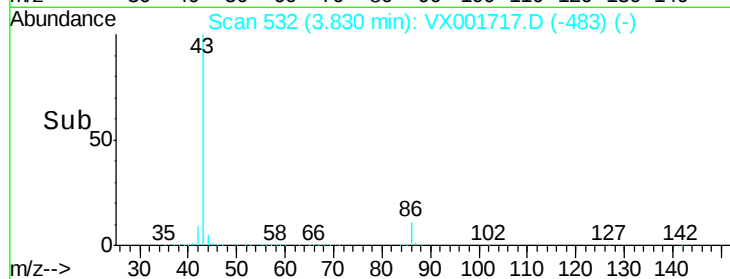
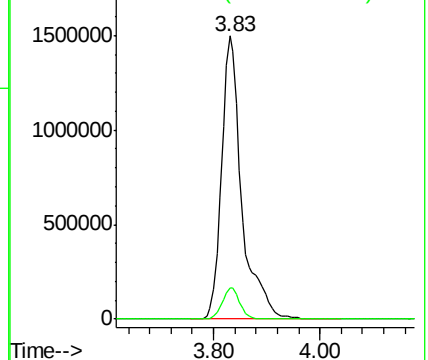
43 100

86 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 86.89 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

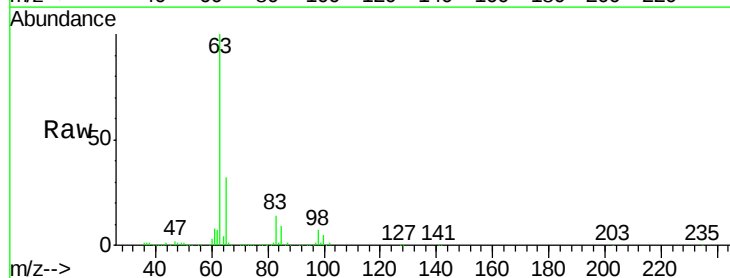
Tgt Ion: 63 Resp: 610529

Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

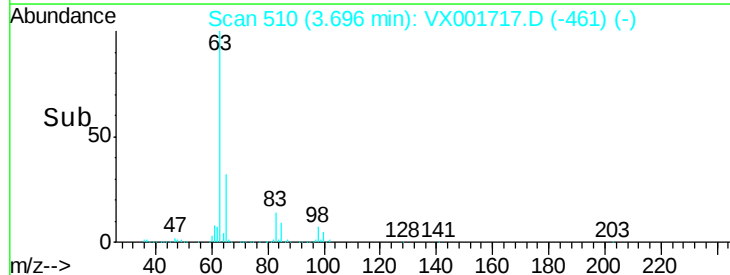
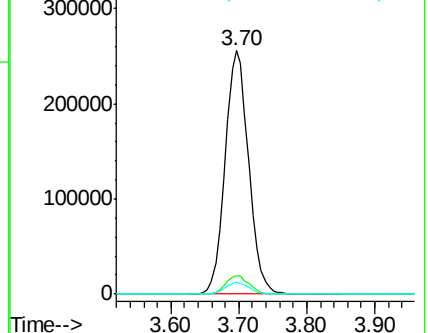
100 4.8 2.4 7.2

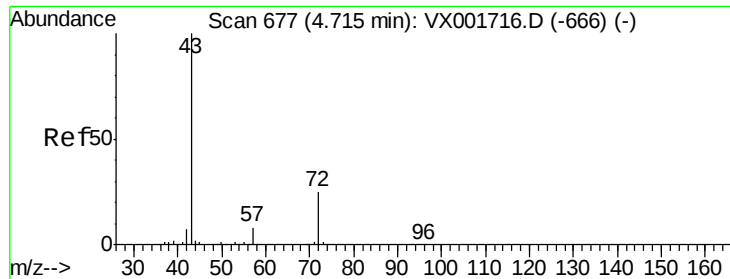


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 442.63 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

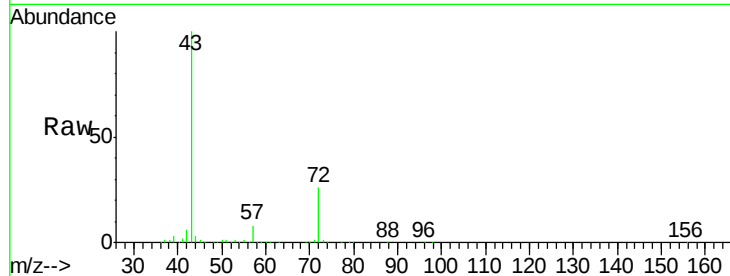
VSTDIC100

Tgt Ion: 43 Resp: 1361590

Ion Ratio Lower Upper

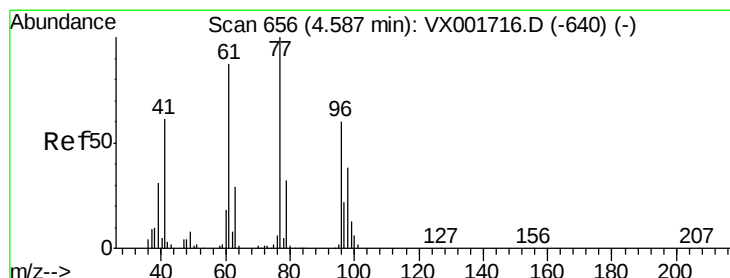
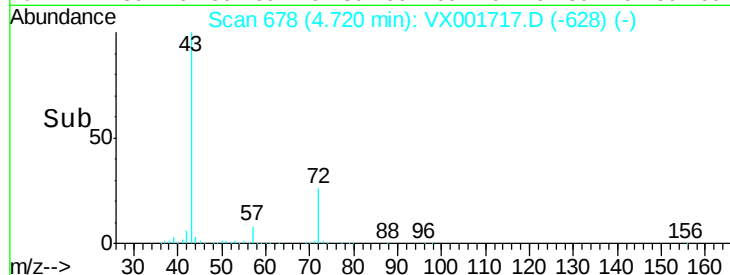
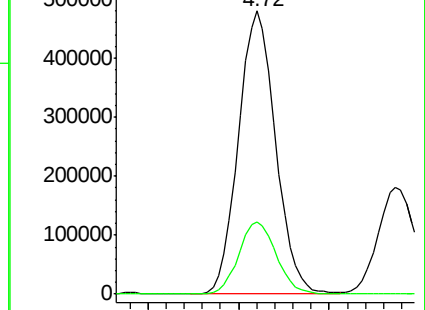
43 100

72 25.5 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 93.86 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001717.D

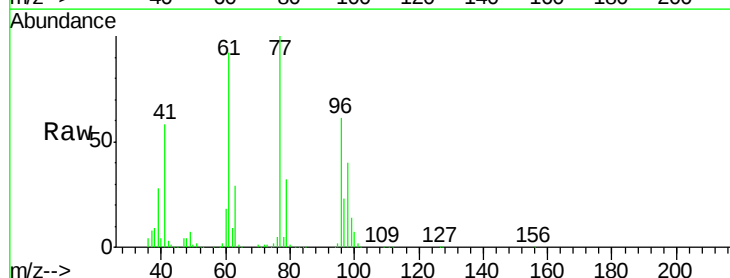
Acq: 14 May 2018 18:43

Tgt Ion: 77 Resp: 512155

Ion Ratio Lower Upper

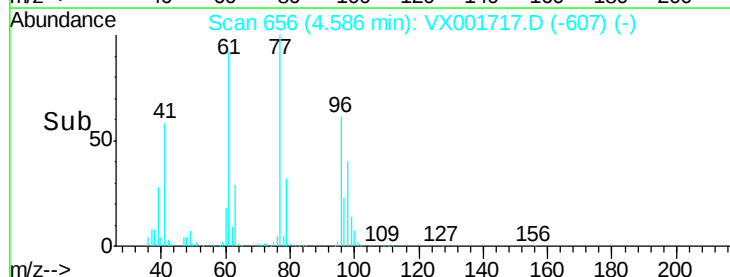
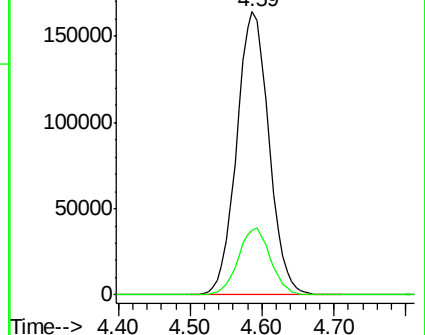
77 100

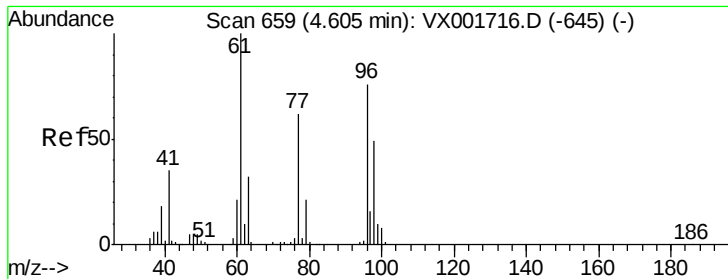
97 23.6 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



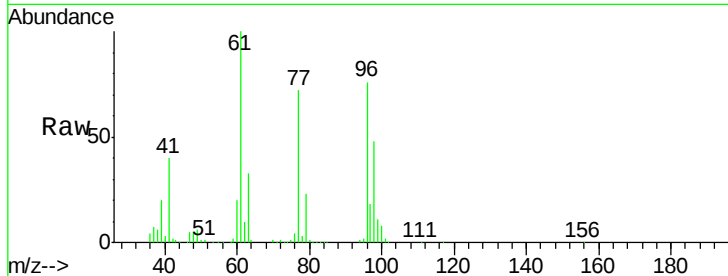


#27

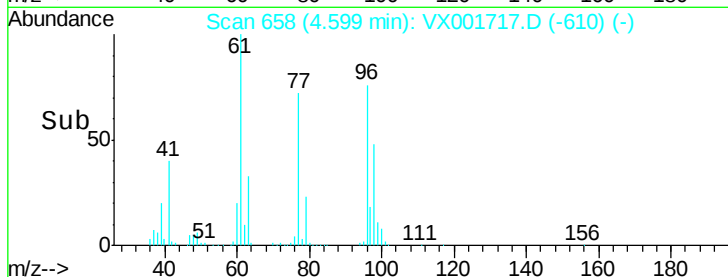
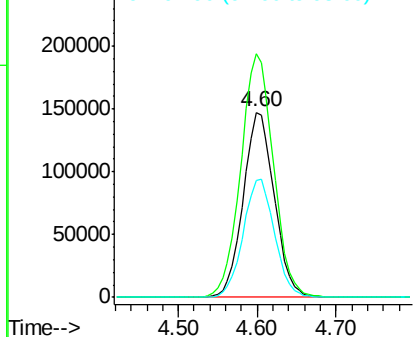
cis-1,2-Dichloroethene
Concen: 92.93 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 403659
Ion Ratio Lower Upper
96 100
61 138.8 0.0 280.4
98 64.6 0.0 128.4



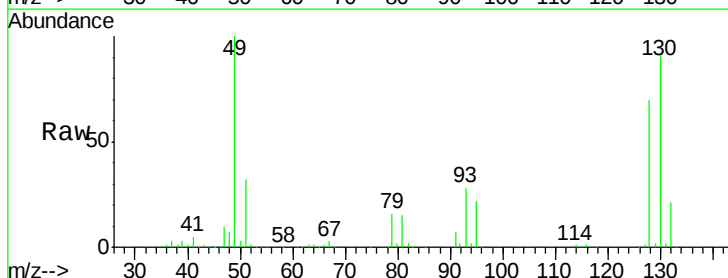
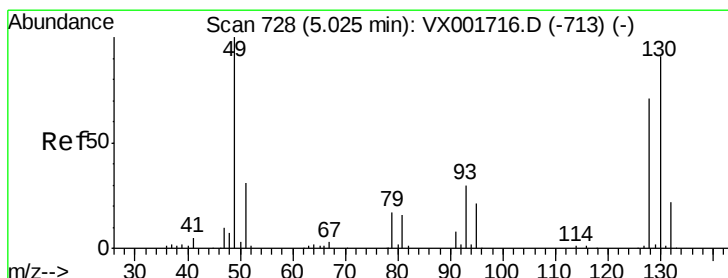
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



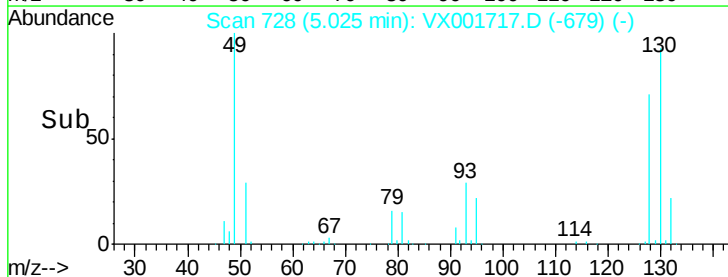
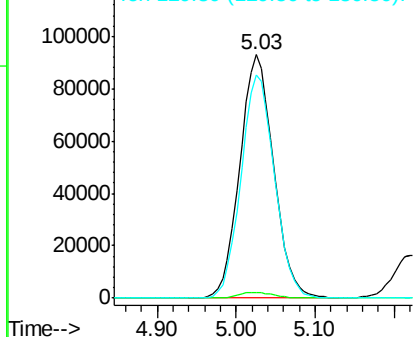
#28

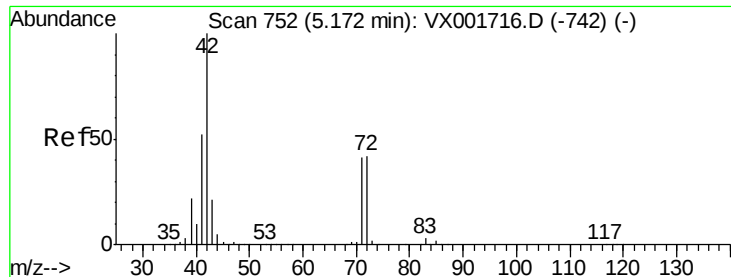
Bromochloromethane
Concen: 89.91 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

Tgt Ion: 49 Resp: 277984
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 90.7 71.8 107.6



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





#29

Tetrahydrofuran

Concen: 449.69 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

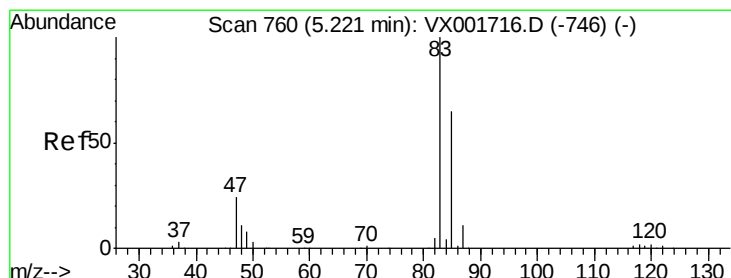
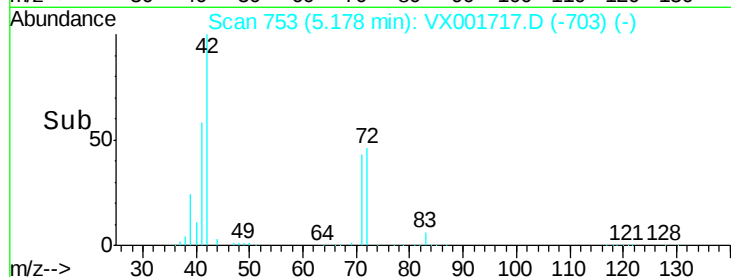
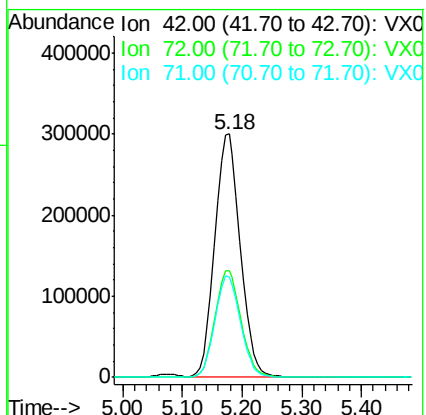
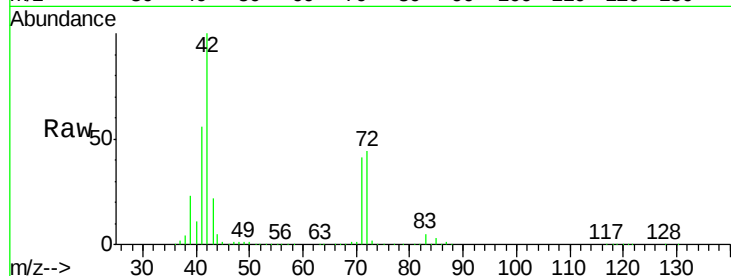
Tgt Ion: 42 Resp: 887618

Ion Ratio Lower Upper

42 100

72 44.9 35.4 53.2

71 41.7 33.2 49.8



#30

Chloroform

Concen: 89.45 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001717.D

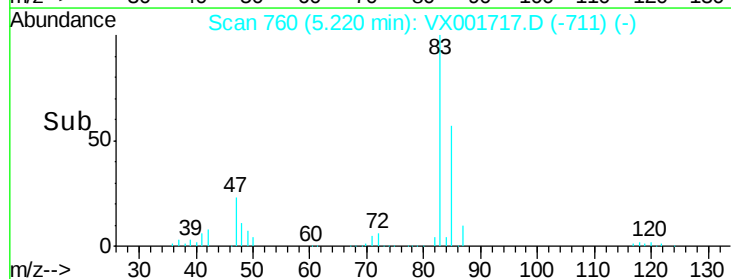
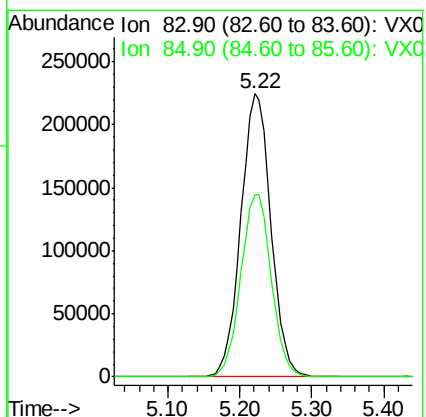
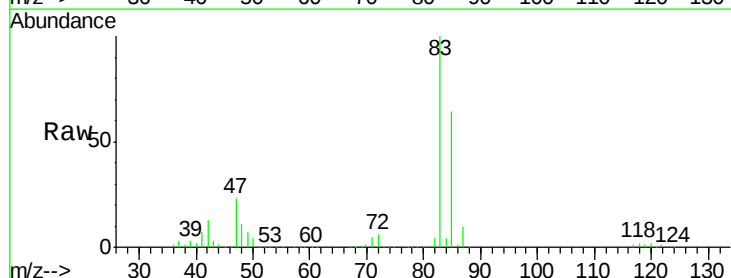
Acq: 14 May 2018 18:43

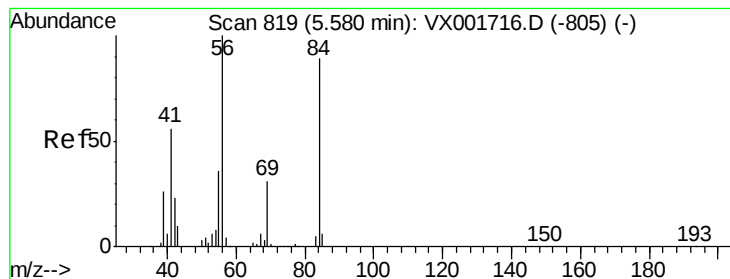
Tgt Ion: 83 Resp: 650800

Ion Ratio Lower Upper

83 100

85 64.3 52.3 78.5





#31

Cyclohexane

Concen: 93.47 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

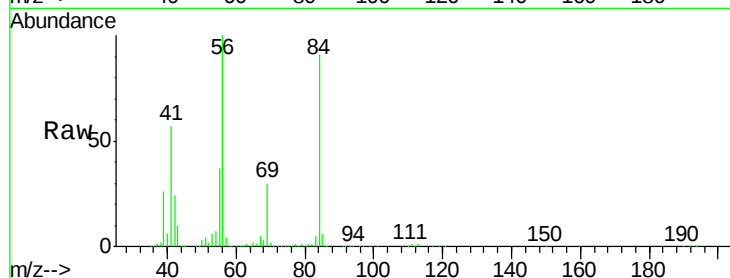
Tgt Ion: 56 Resp: 569016

Ion Ratio Lower Upper

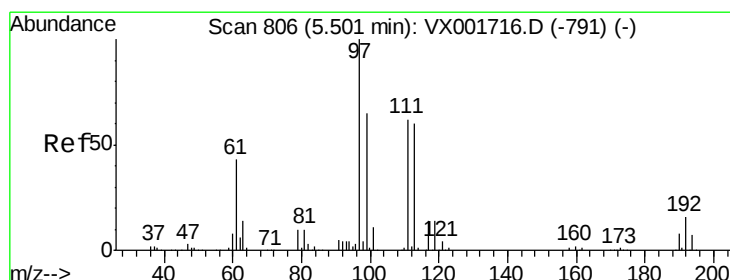
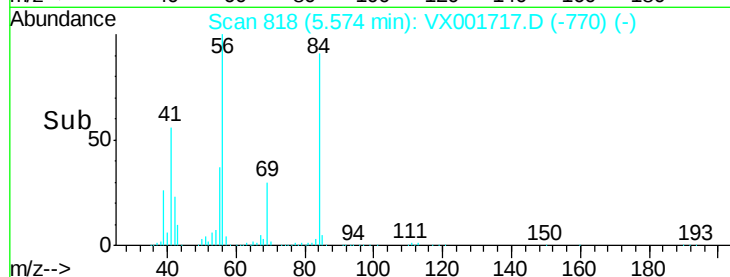
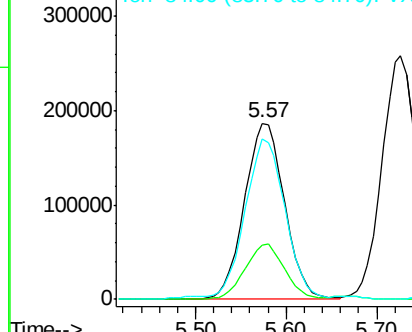
56 100

69 30.5 25.0 37.6

84 89.8 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 92.48 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

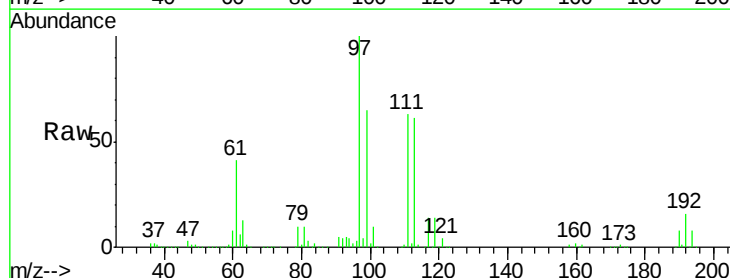
Tgt Ion: 97 Resp: 587192

Ion Ratio Lower Upper

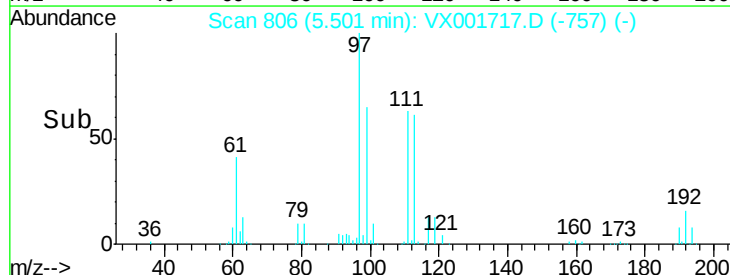
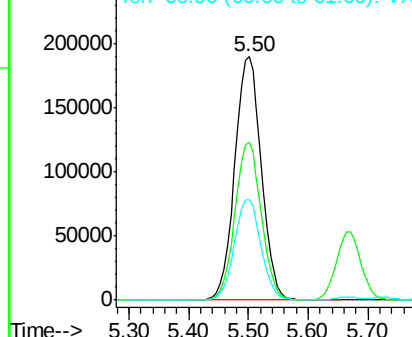
97 100

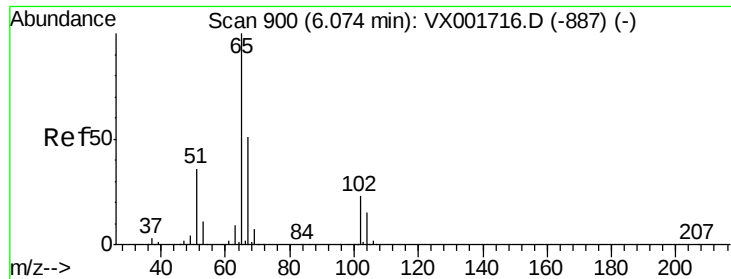
99 64.3 51.3 76.9

61 41.6 34.0 51.0



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 89.46 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

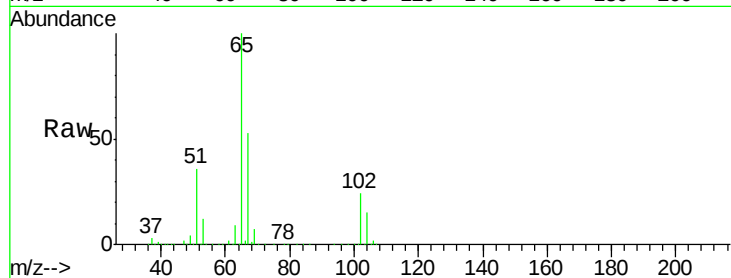
VSTDIC100

Tgt Ion: 65 Resp: 420713

Ion Ratio Lower Upper

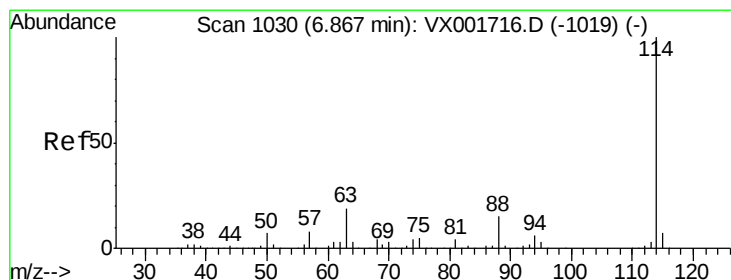
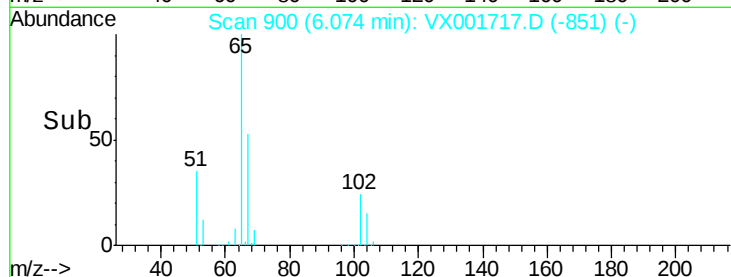
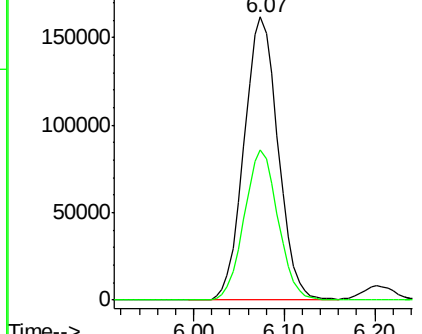
65 100

67 52.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

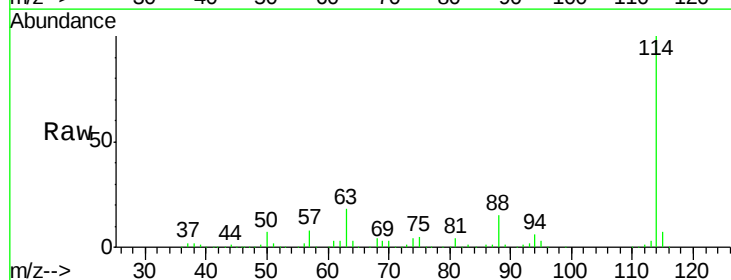
Tgt Ion: 114 Resp: 441862

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.0

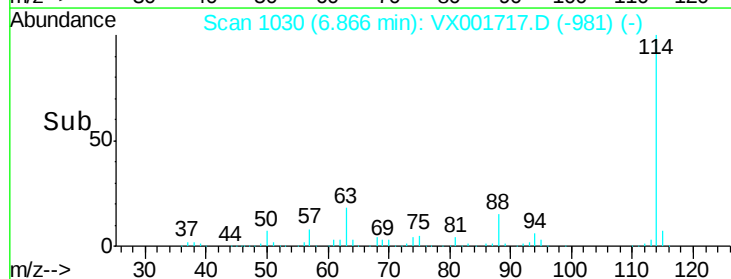
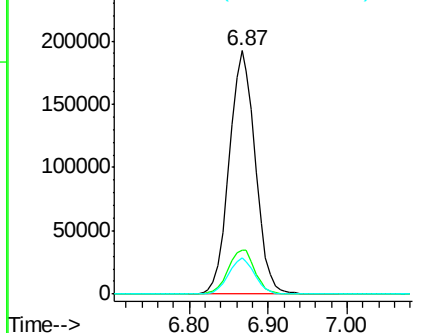
88 15.0 0.0 29.8

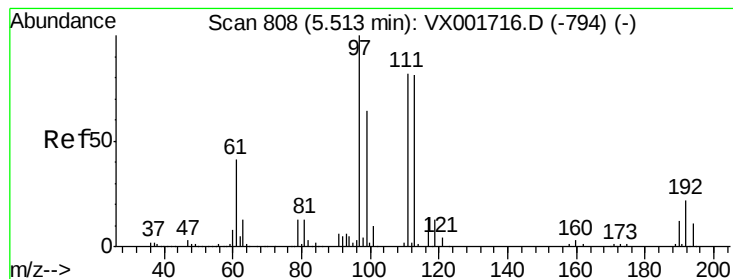


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 93.86 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

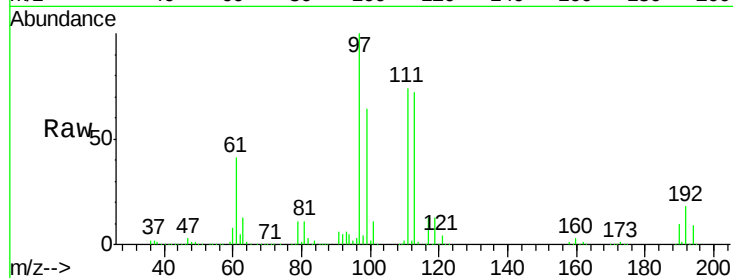
Tgt Ion:113 Resp: 364524

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

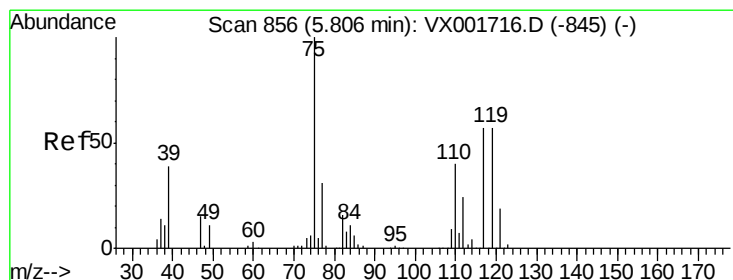
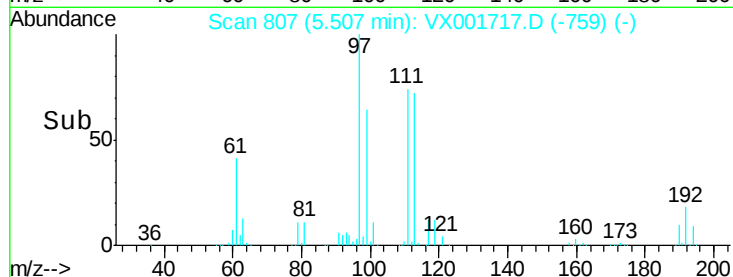
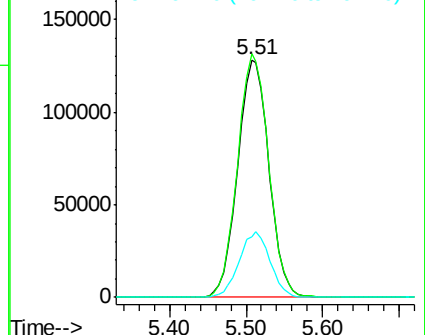
192 27.2 21.6 32.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 89.40 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

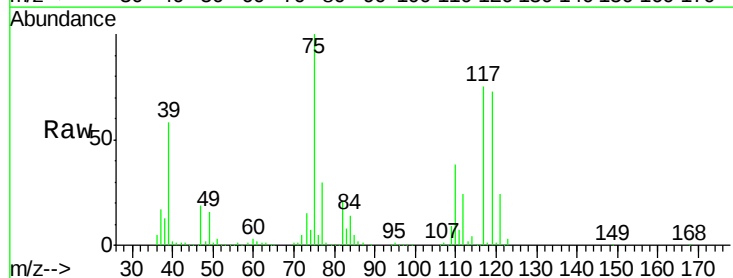
Tgt Ion: 75 Resp: 495117

Ion Ratio Lower Upper

75 100

110 38.2 19.1 57.1

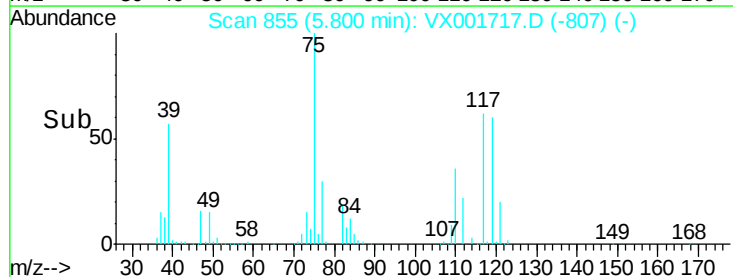
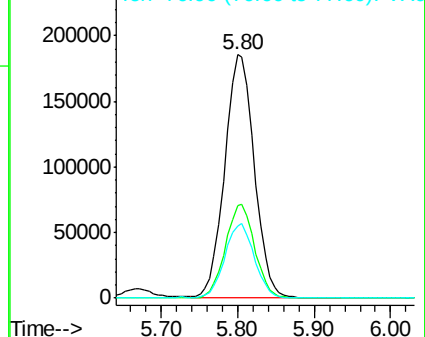
77 30.5 24.6 37.0

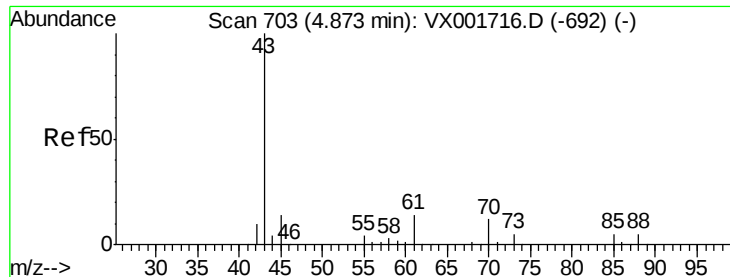


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 87.66 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

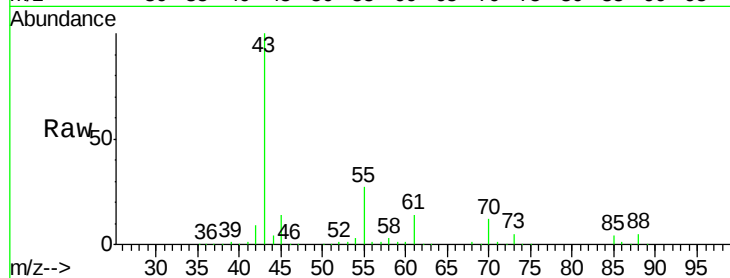
Tgt Ion: 43 Resp: 528320

Ion Ratio Lower Upper

43 100

61 13.6 10.9 16.3

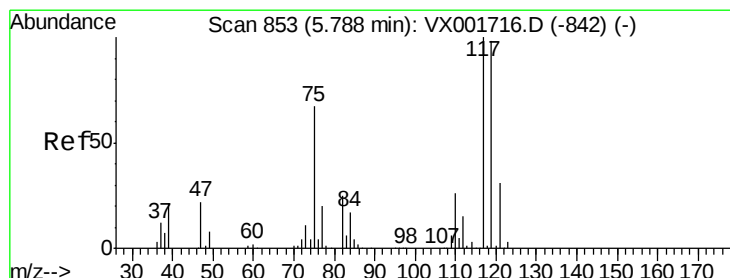
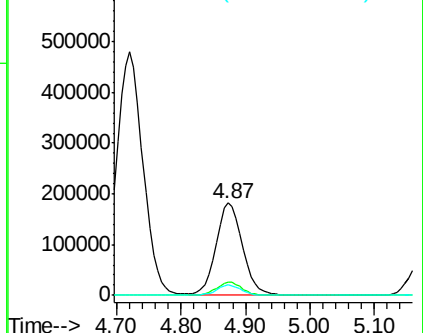
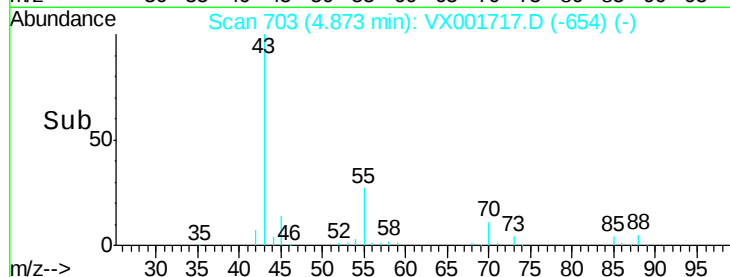
70 10.8 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 90.68 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

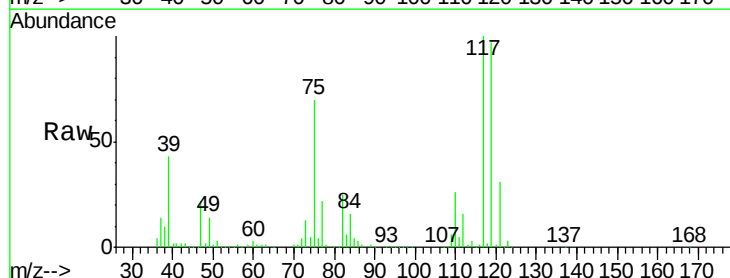
Tgt Ion: 117 Resp: 532215

Ion Ratio Lower Upper

117 100

119 96.5 77.6 116.4

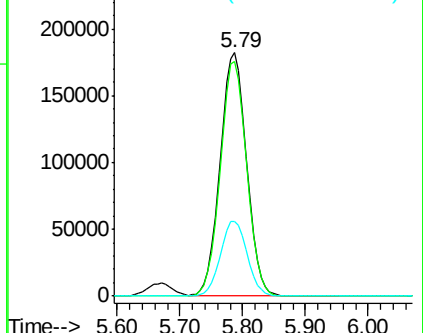
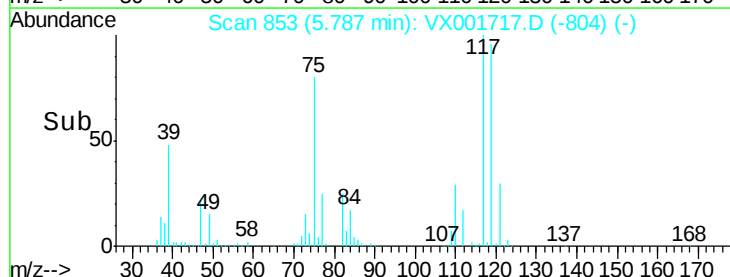
121 30.7 24.6 36.8

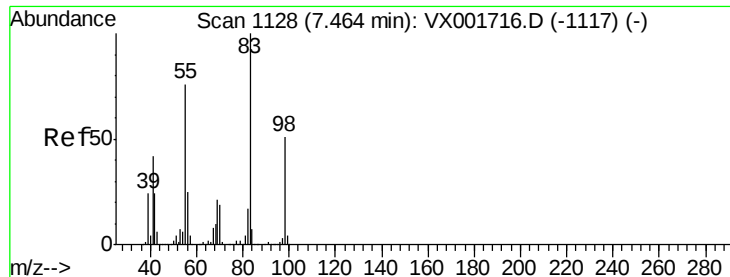


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

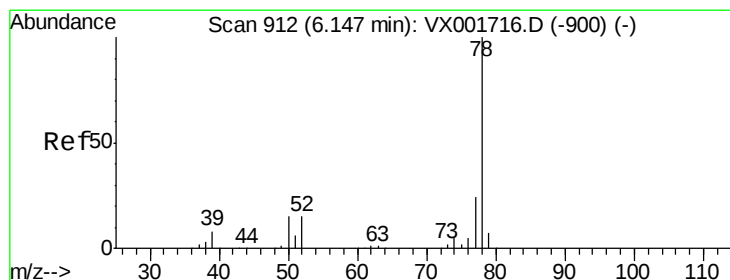
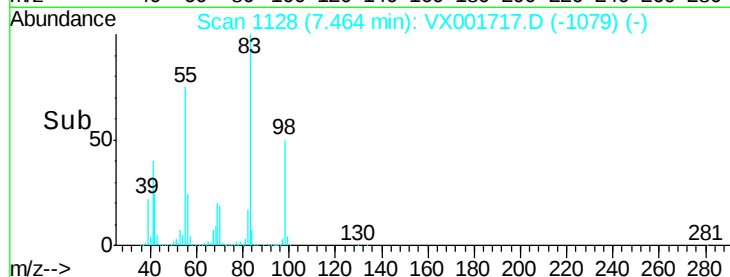
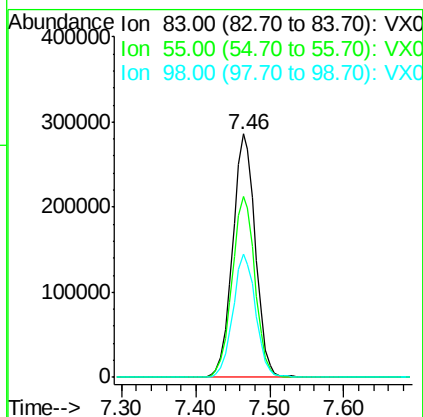
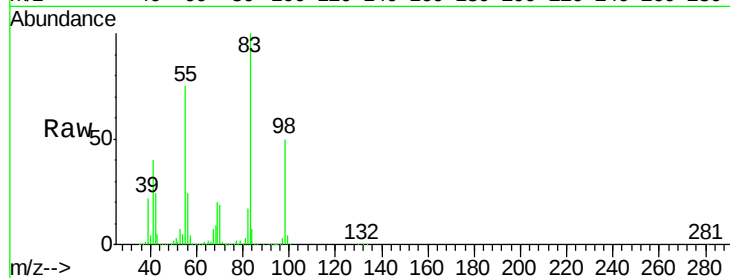




#39
Methylcyclohexane
Concen: 93.46 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

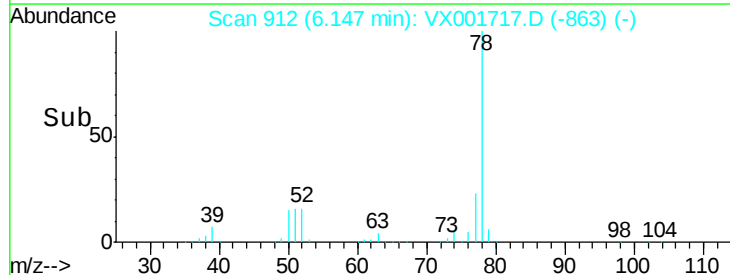
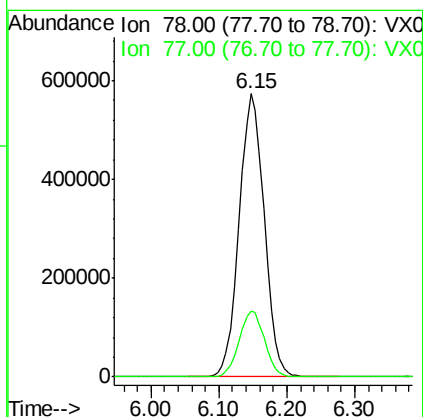
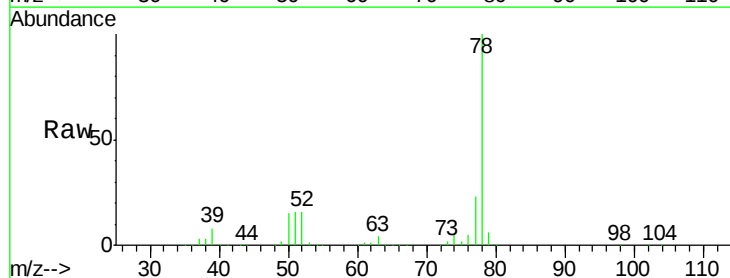
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

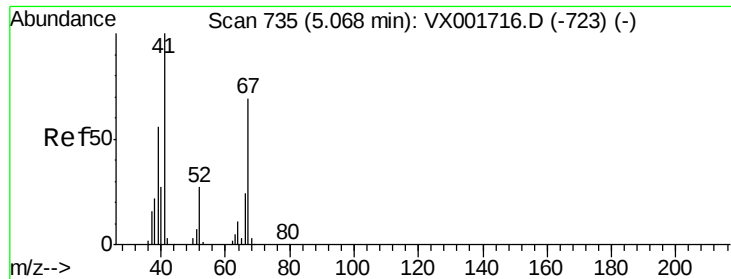
Tgt Ion: 83 Resp: 611957
Ion Ratio Lower Upper
83 100
55 74.5 60.6 90.8
98 50.5 40.4 60.6



#40
Benzene
Concen: 90.96 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

Tgt Ion: 78 Resp: 1471064
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

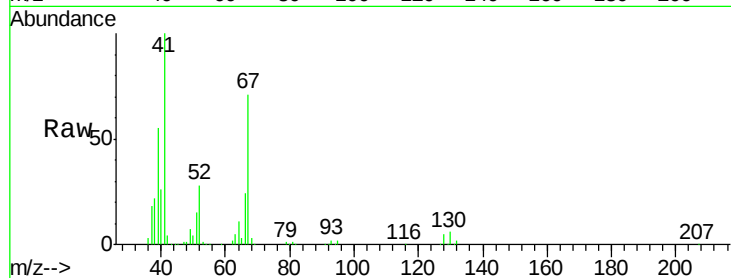




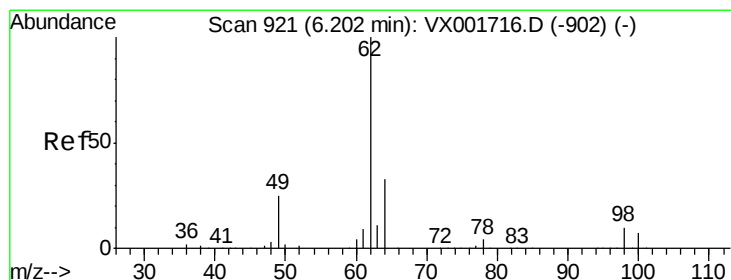
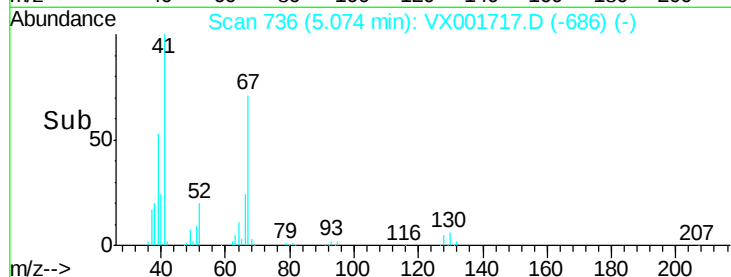
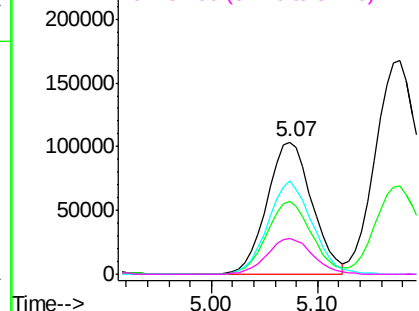
#41
Methacrylonitrile
Concen: 88.13 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 304820
Ion Ratio Lower Upper
41 100
39 54.3 44.2 66.4
67 69.4 56.0 84.0
52 27.3 22.6 33.8

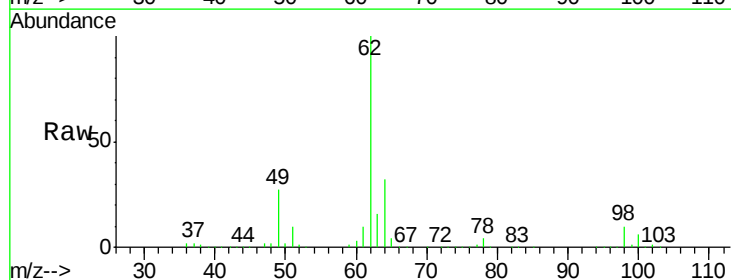


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

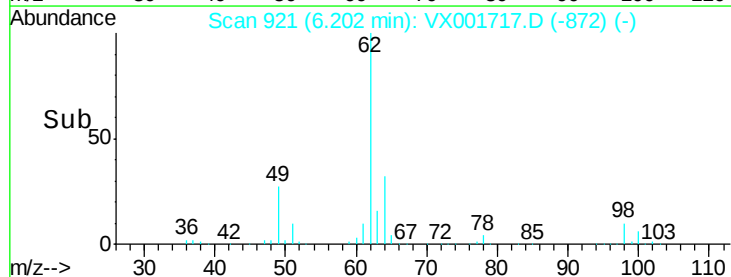
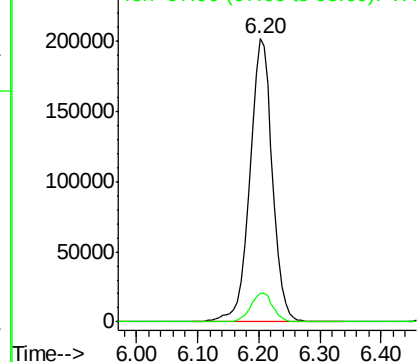


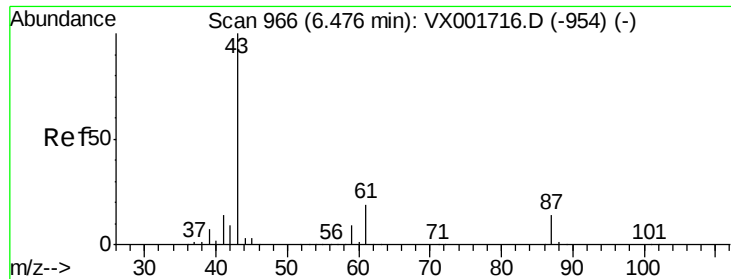
#42
1,2-Dichloroethane
Concen: 83.57 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

Tgt Ion: 62 Resp: 514346
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 93.41 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

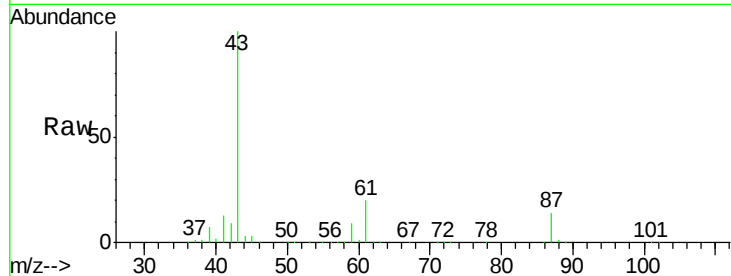
Tgt Ion: 43 Resp: 864959

Ion Ratio Lower Upper

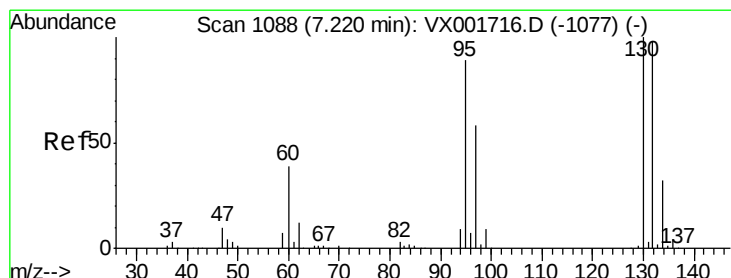
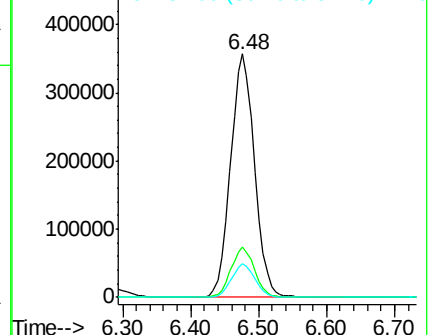
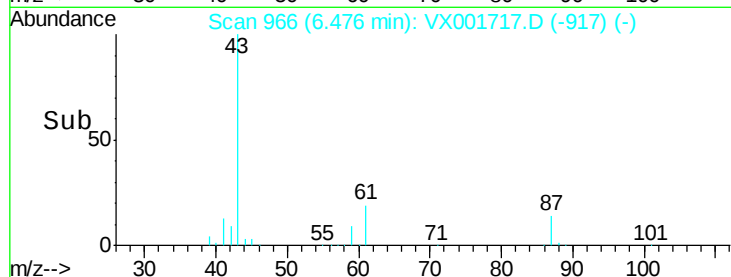
43 100

61 20.3 15.8 23.8

87 13.6 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX001717.D (-917) (-)



#44

Trichloroethene

Concen: 90.93 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001717.D

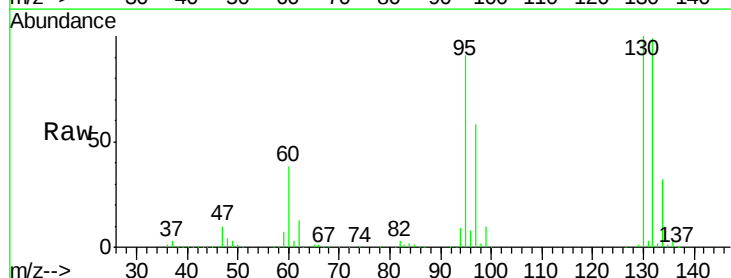
Acq: 14 May 2018 18:43

Tgt Ion: 130 Resp: 451887

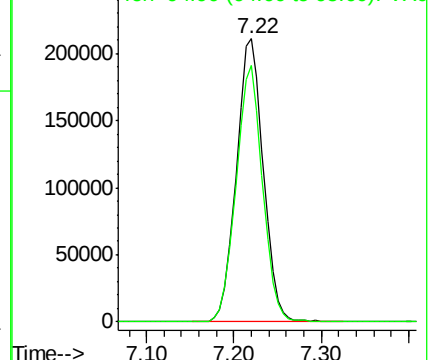
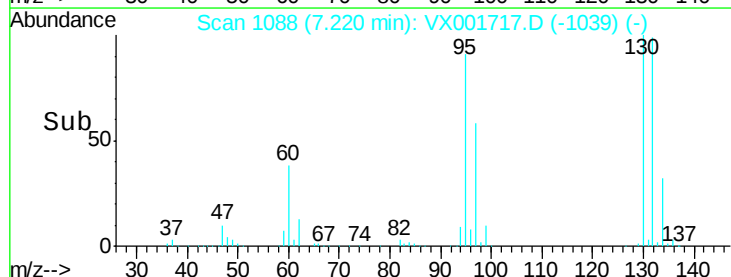
Ion Ratio Lower Upper

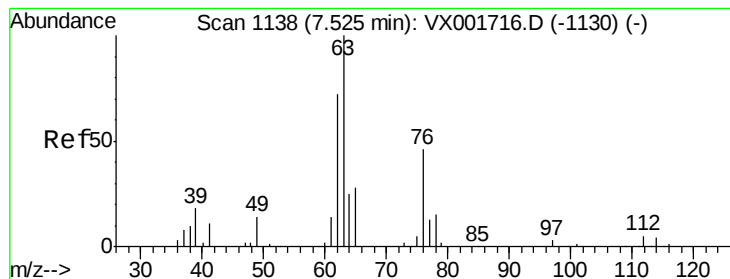
130 100

95 90.7 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): VX001717.D (-1039) (-)





#45

1,2-Dichloropropane

Concen: 89.98 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

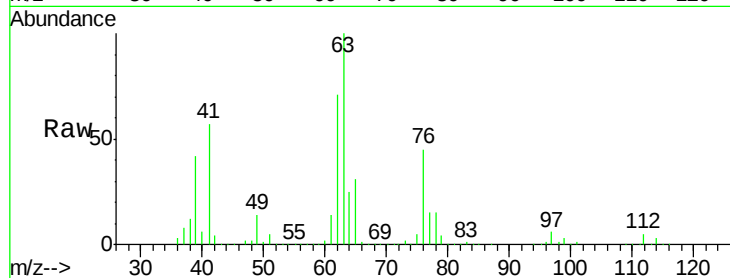
VSTDICC100

Tgt Ion: 63 Resp: 363012

Ion Ratio Lower Upper

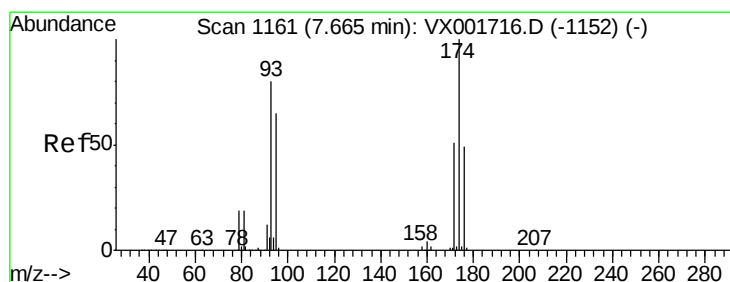
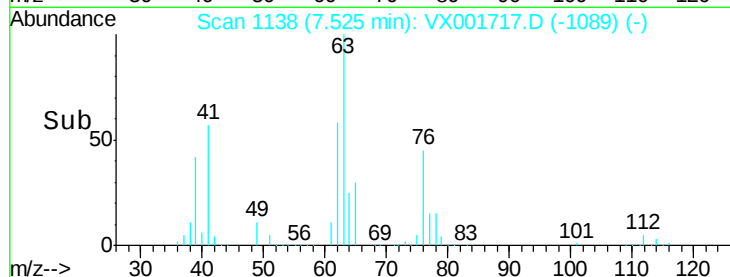
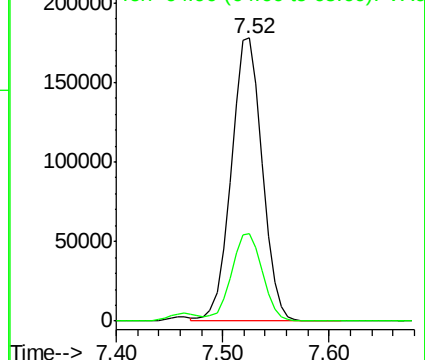
63 100

65 31.0 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 87.85 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

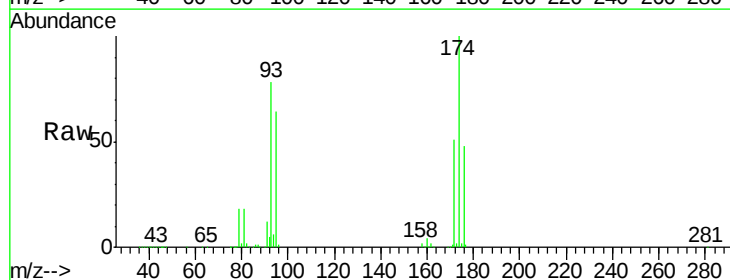
Tgt Ion: 93 Resp: 249946

Ion Ratio Lower Upper

93 100

95 83.7 65.9 98.9

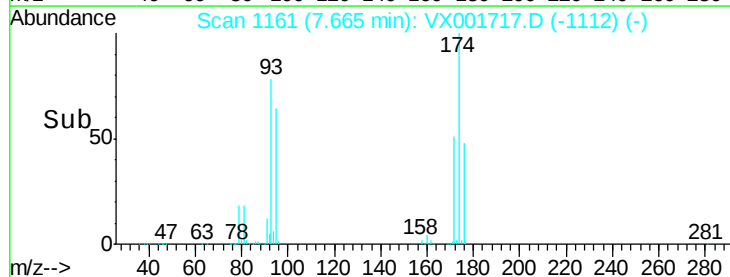
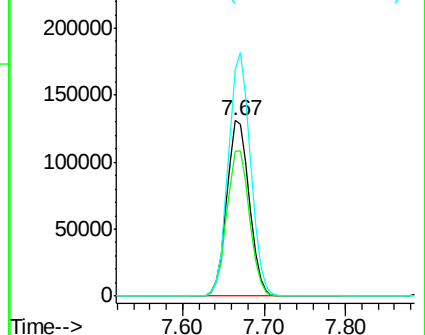
174 135.5 106.2 159.2

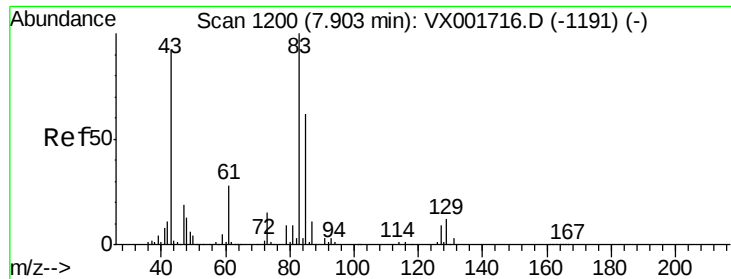


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 95.33 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

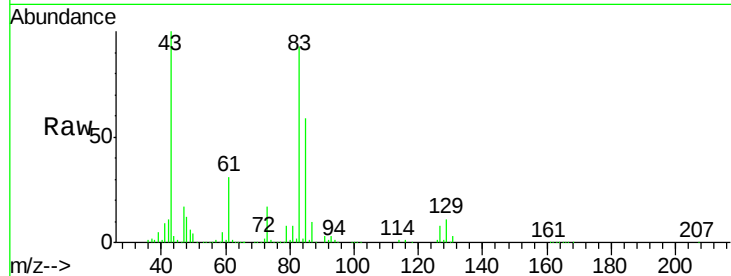
Tgt Ion: 83 Resp: 501534

Ion Ratio Lower Upper

83 100

85 63.7 49.6 74.4

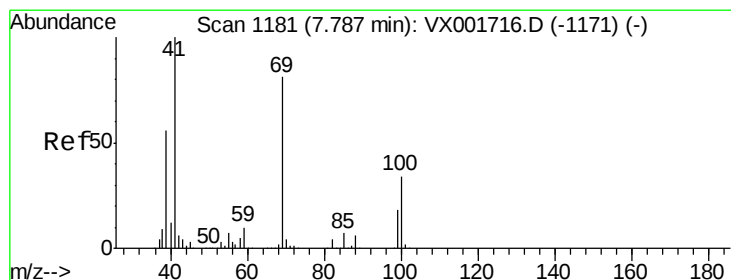
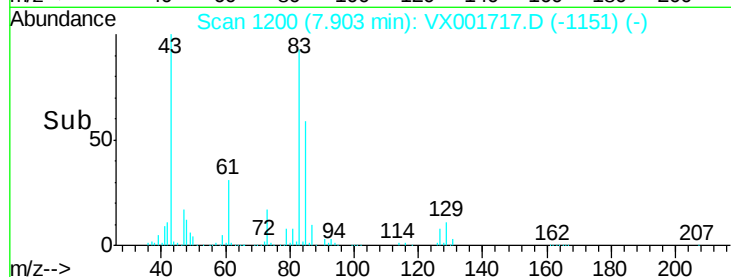
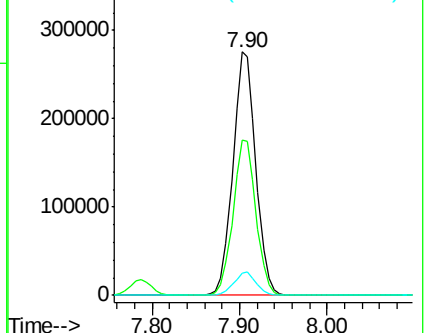
127 9.1 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 91.25 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

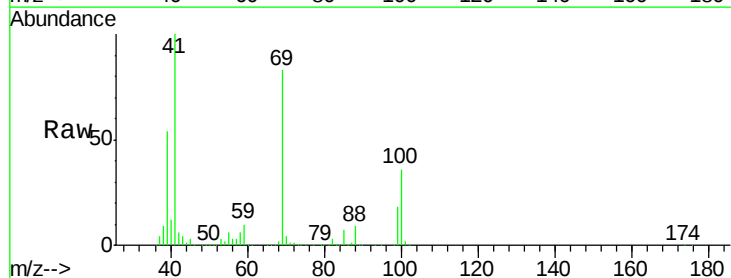
Tgt Ion: 41 Resp: 458611

Ion Ratio Lower Upper

41 100

69 82.6 65.2 97.8

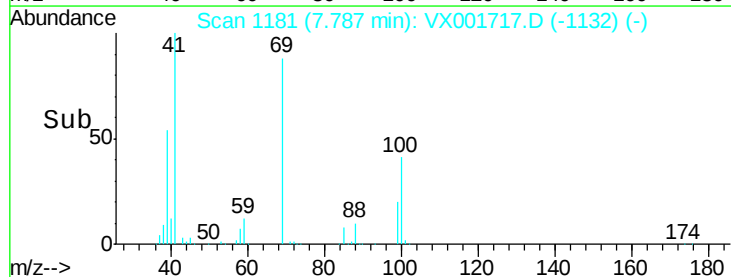
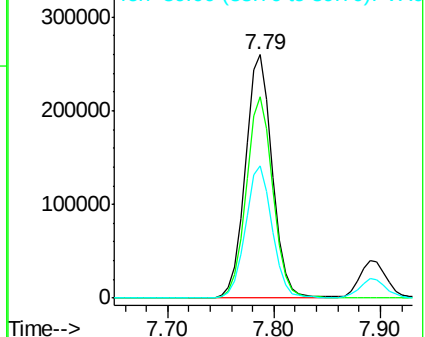
39 54.2 44.5 66.7

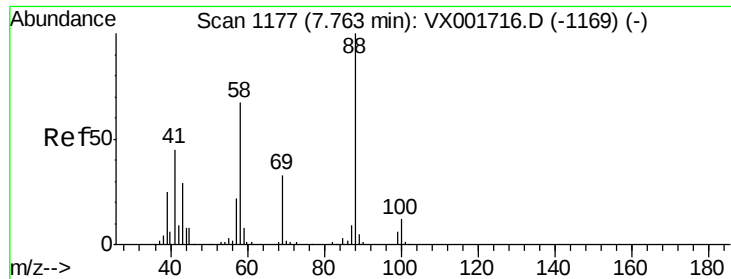


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

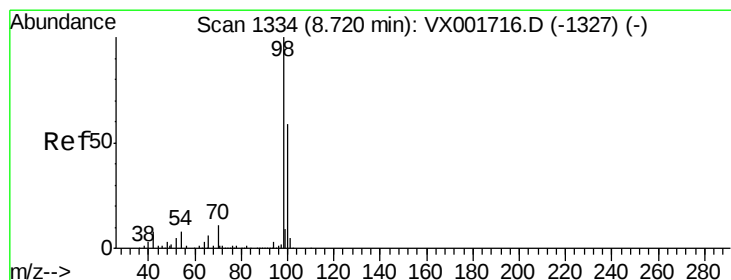
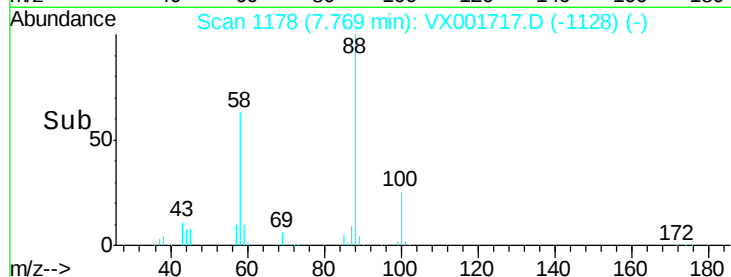
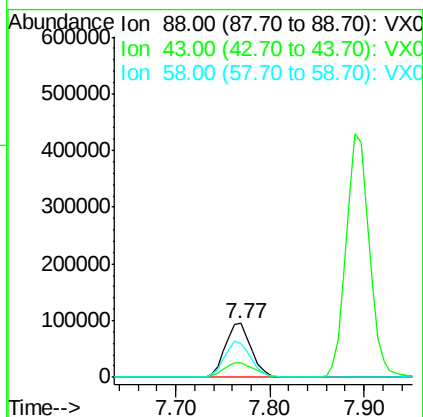
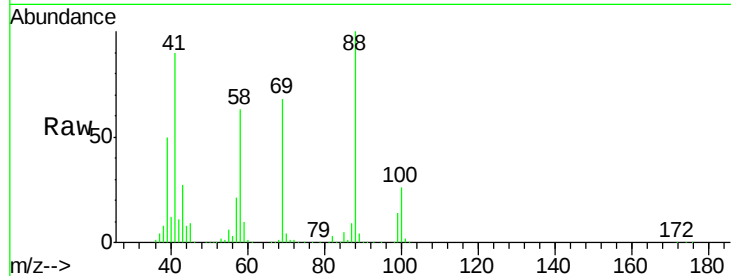




#49
1,4-Dioxane
Concen: 1710.02 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

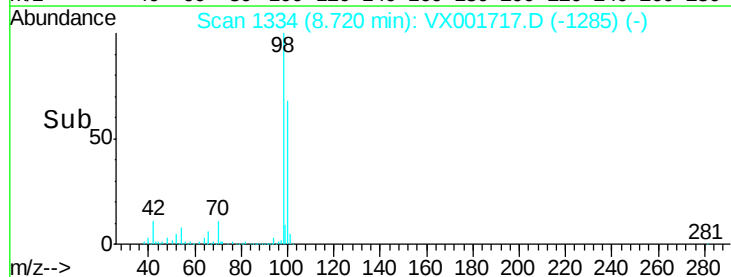
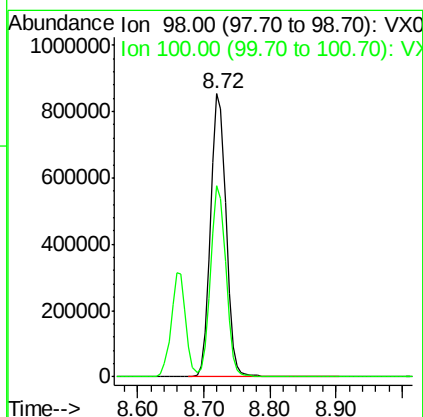
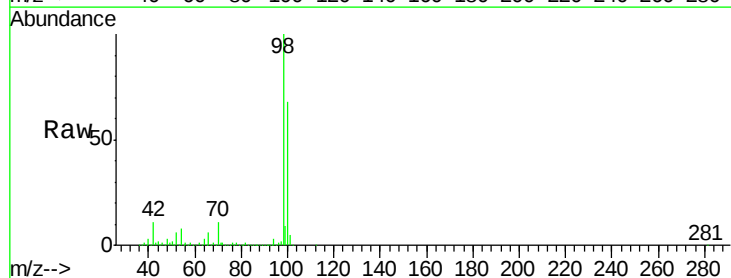
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

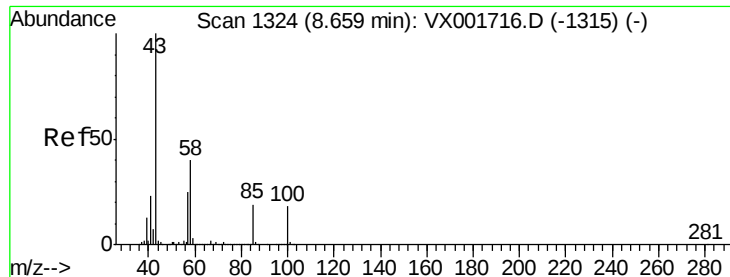
Tgt Ion: 88 Resp: 181722
Ion Ratio Lower Upper
88 100
43 31.6 27.3 40.9
58 68.0 55.9 83.9



#50
Toluene-d8
Concen: 97.27 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

Tgt Ion: 98 Resp: 1382278
Ion Ratio Lower Upper
98 100
100 67.3 54.0 81.0

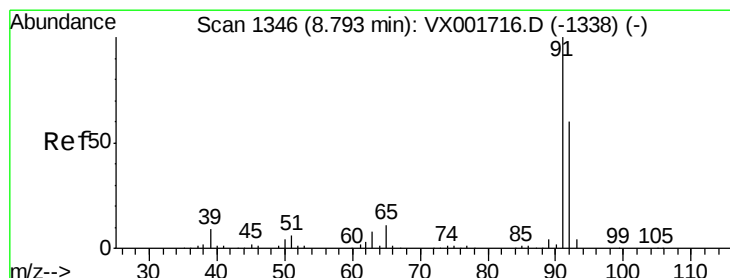
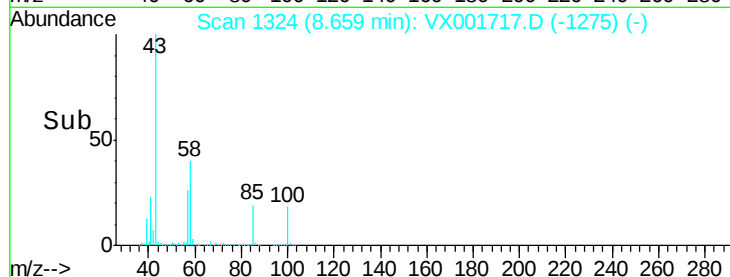
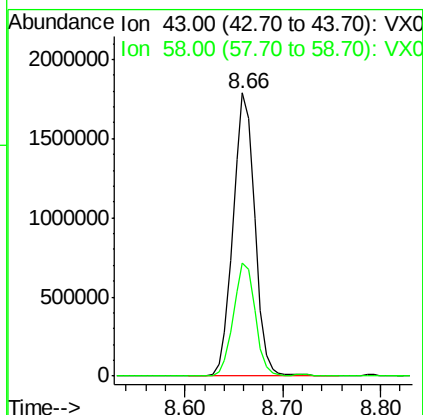
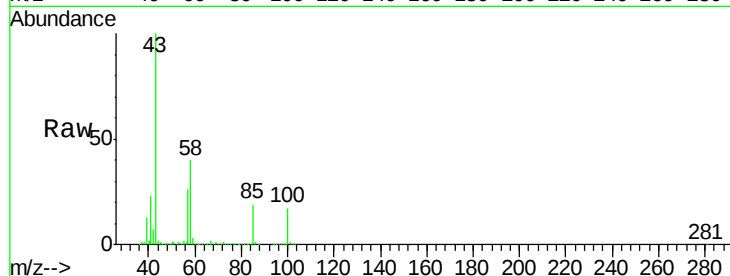




#51
 4-Methyl-2-Pentanone
 Concen: 451.10 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

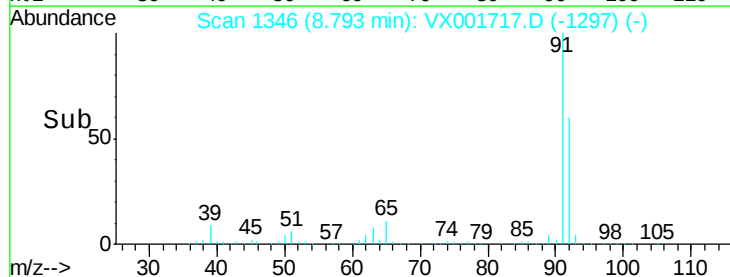
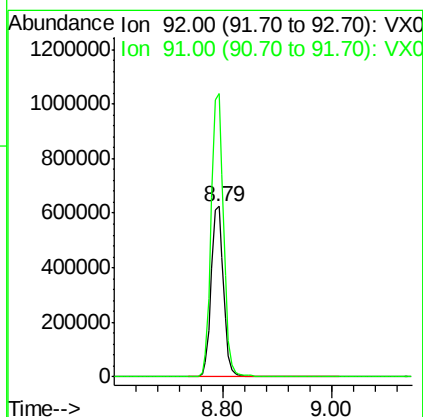
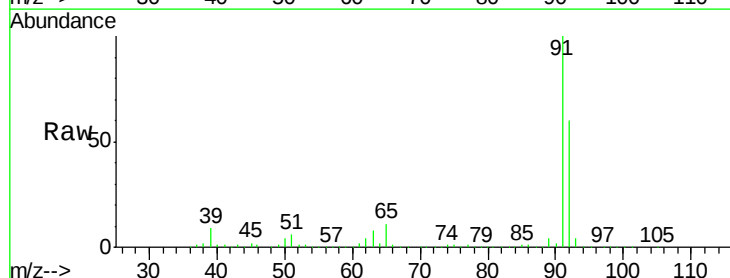
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

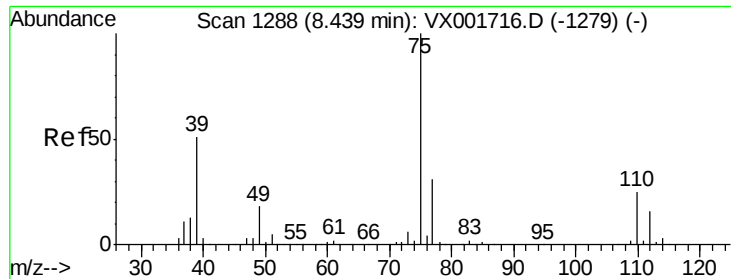
Tgt Ion: 43 Resp: 2767276
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.4 47.0



#52
 Toluene
 Concen: 92.17 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

Tgt Ion: 92 Resp: 974333
 Ion Ratio Lower Upper
 92 100
 91 167.5 135.5 203.3

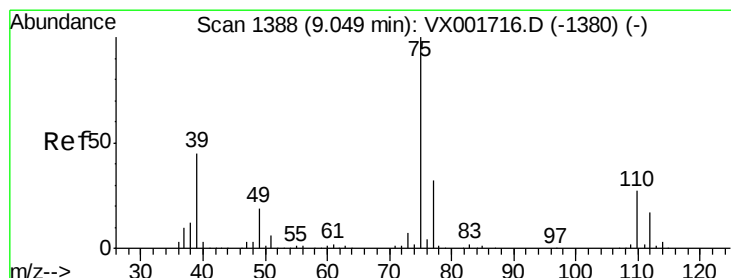
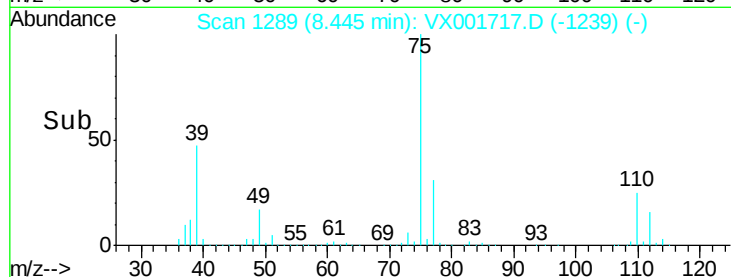
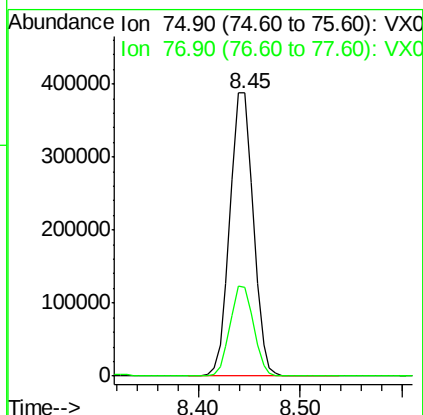
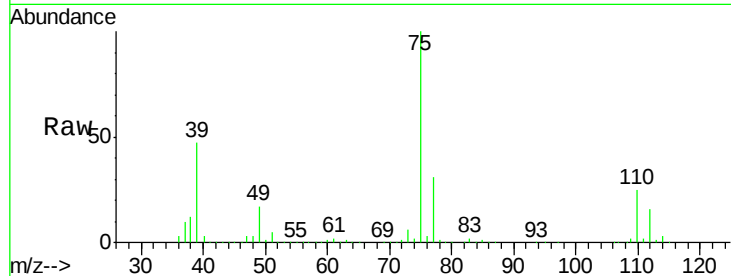




#53
 t-1,3-Dichloropropene
 Concen: 103.00 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

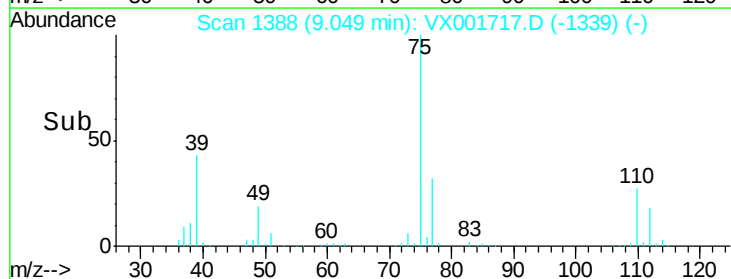
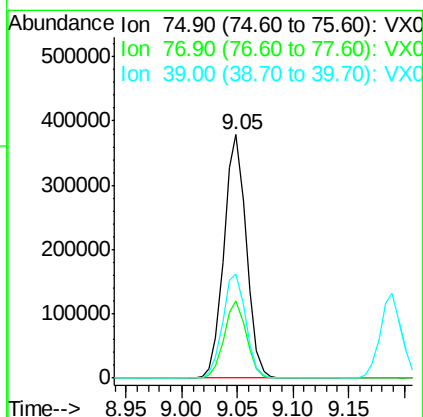
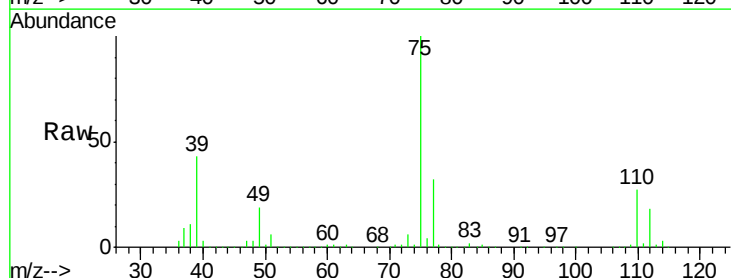
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

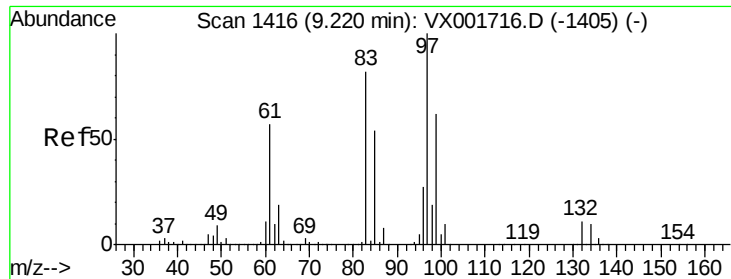
Tgt Ion: 75 Resp: 615429
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 97.86 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

Tgt Ion: 75 Resp: 524977
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 42.8 36.1 54.1

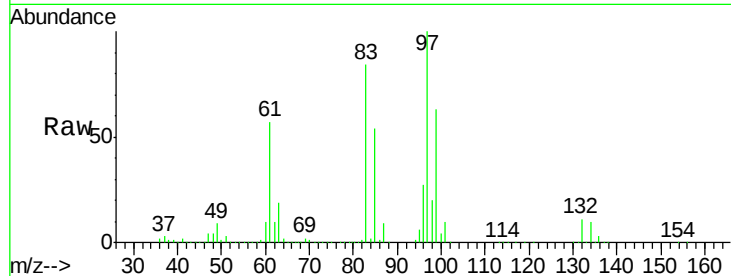




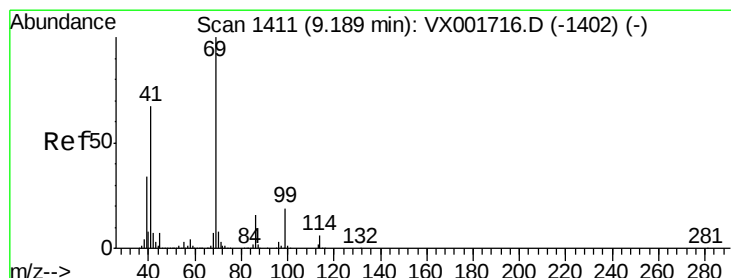
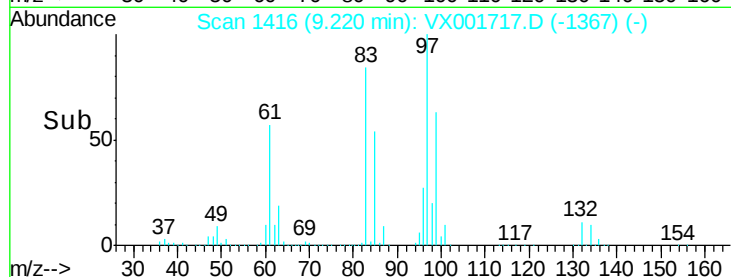
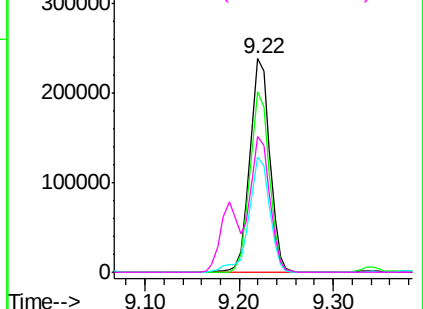
#55
 1,1,2-Trichloroethane
 Concen: 83.22 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	351336
Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.8	98.8
85	54.2	43.4	65.0
99	63.4	49.8	74.6

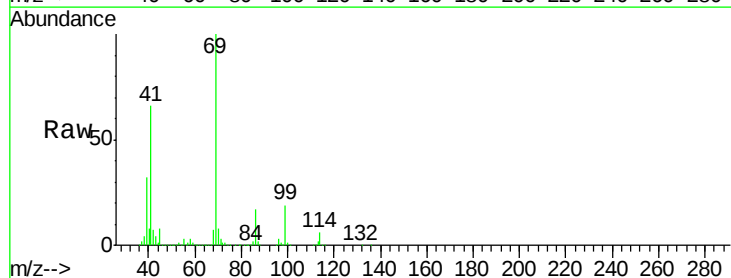


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

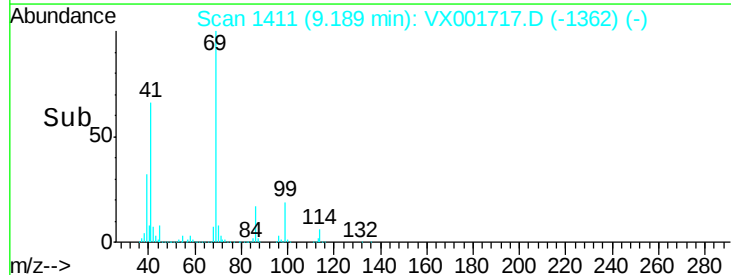
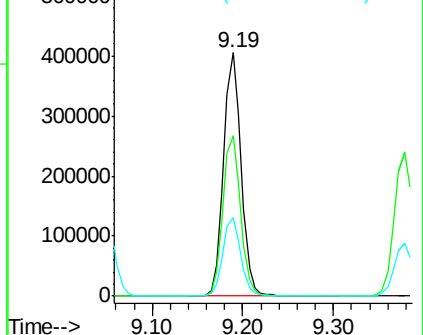


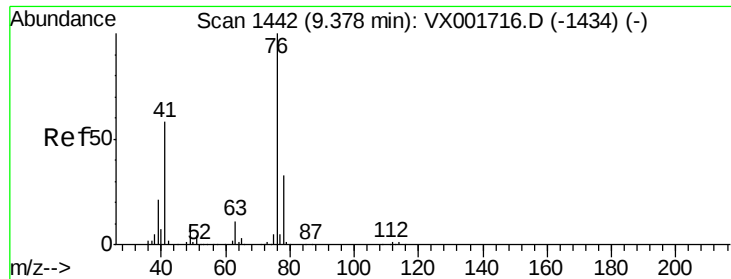
#56
 Ethyl methacrylate
 Concen: 90.73 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

Tgt Ion:	69	Resp:	550103
Ion	Ratio	Lower	Upper
69	100		
41	66.5	53.5	80.3
39	32.7	27.2	40.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 84.64 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

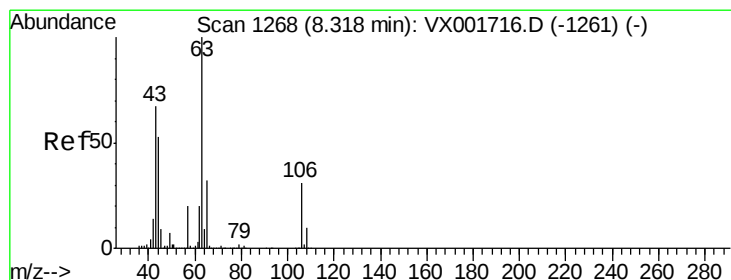
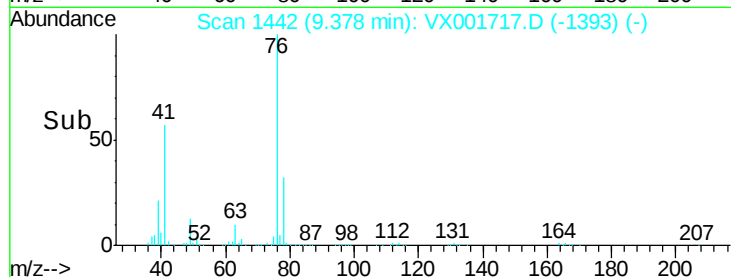
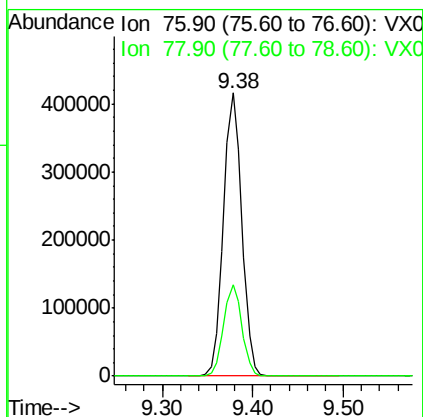
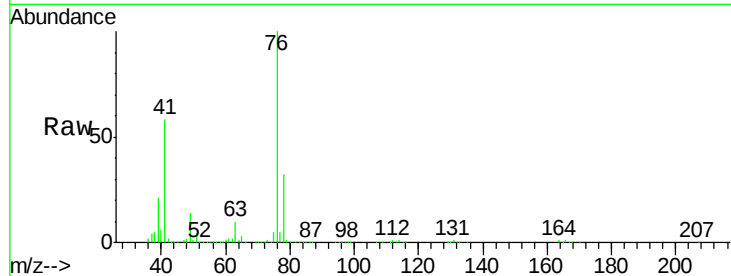
VSTDICC100

Tgt Ion: 76 Resp: 589714

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 485.31 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX001717.D

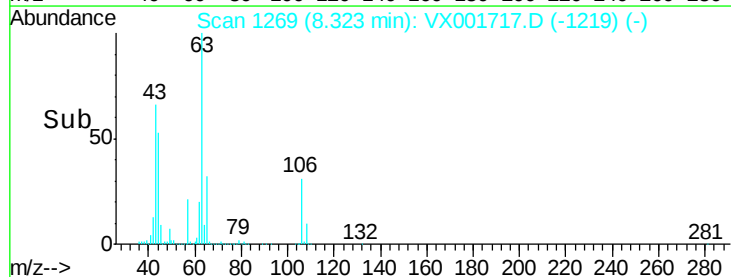
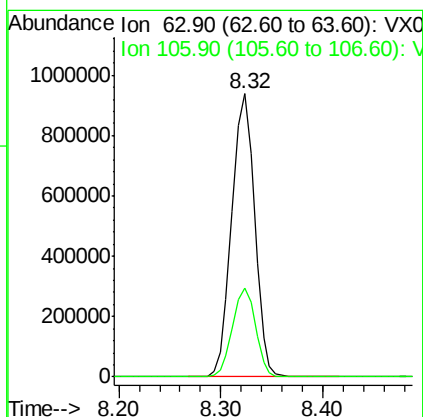
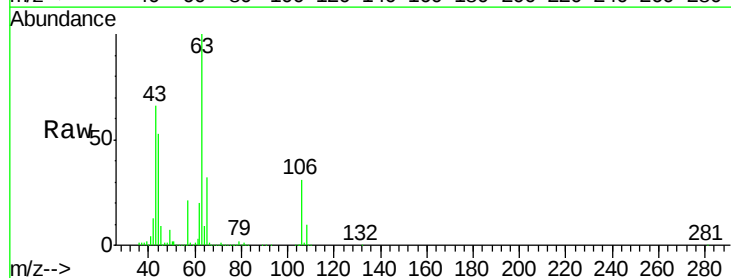
Acq: 14 May 2018 18:43

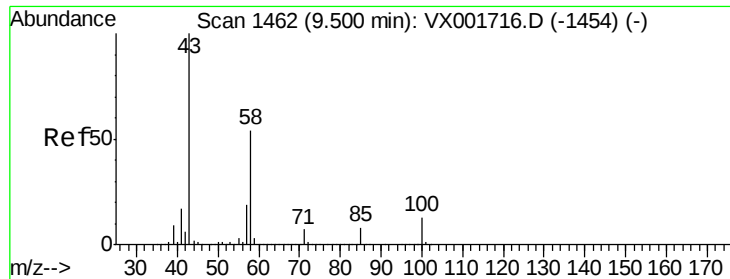
Tgt Ion: 63 Resp: 1457263

Ion Ratio Lower Upper

63 100

106 31.5 25.1 37.7

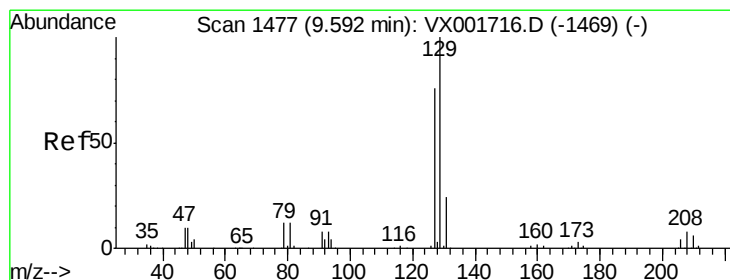
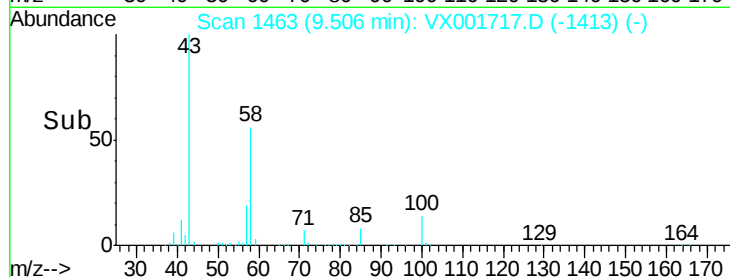
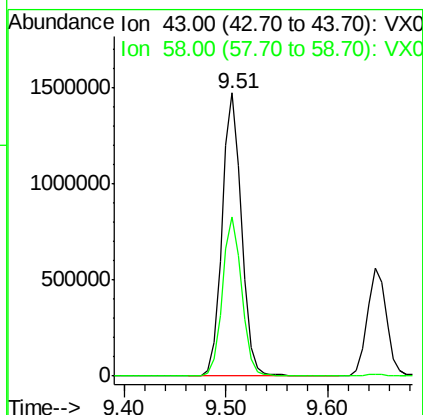
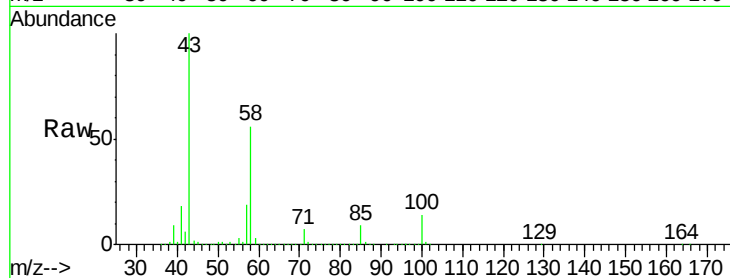




#59
2-Hexanone
Concen: 420.13 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

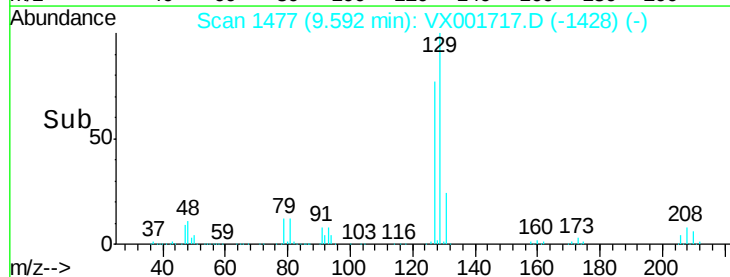
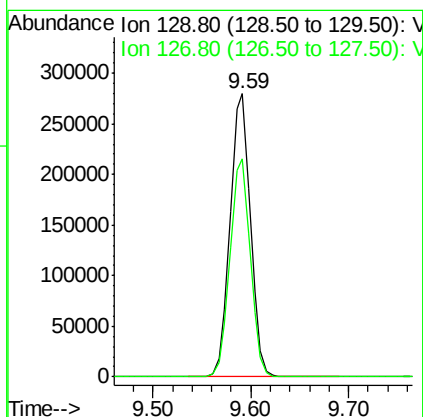
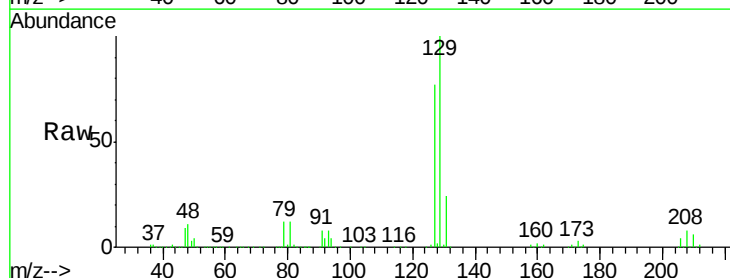
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

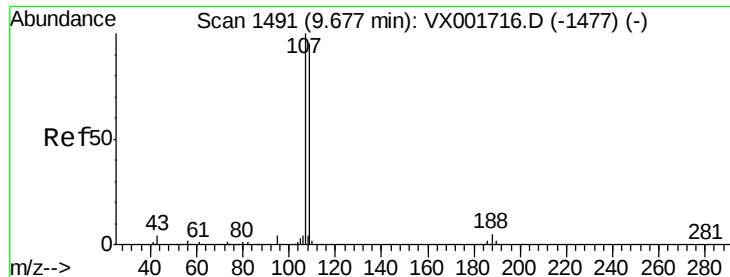
Tgt Ion: 43 Resp: 1949051
Ion Ratio Lower Upper
43 100
58 56.0 27.7 83.1



#60
Dibromochloromethane
Concen: 93.92 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

Tgt Ion: 129 Resp: 403372
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 86.43 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

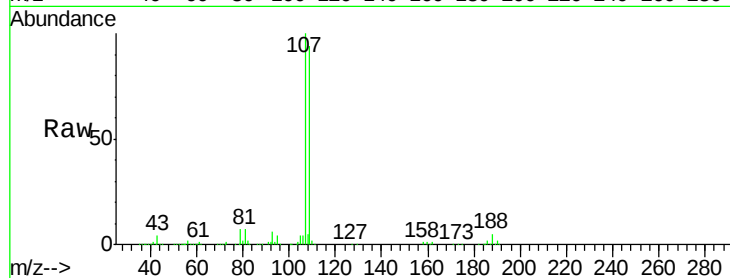
VSTDIC100

Tgt Ion: 107 Resp: 381901

Ion Ratio Lower Upper

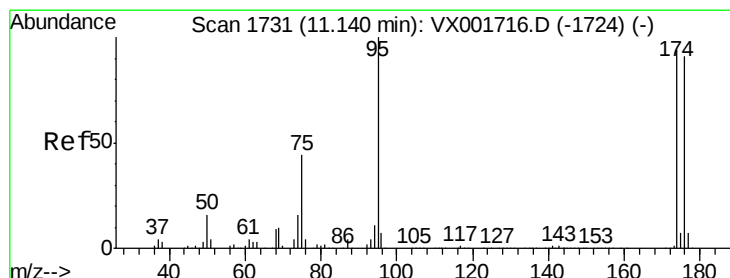
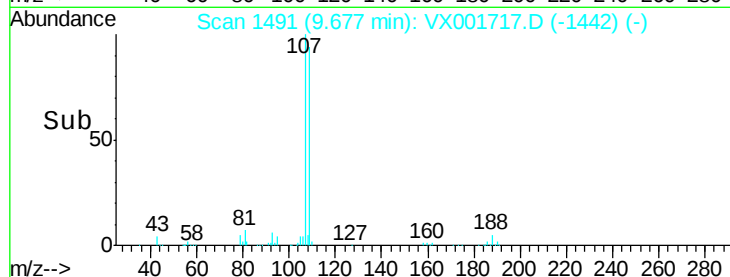
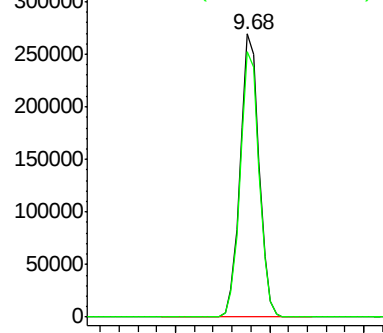
107 100

109 94.5 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 89.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

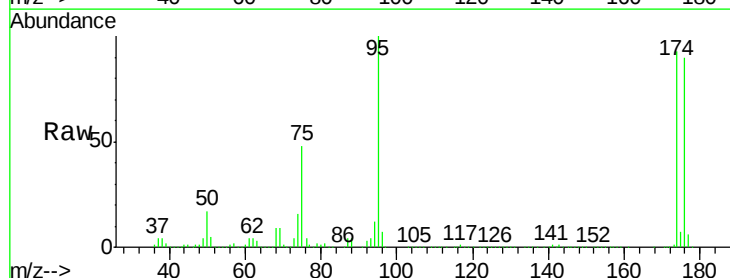
Tgt Ion: 95 Resp: 476898

Ion Ratio Lower Upper

95 100

174 102.6 0.0 201.8

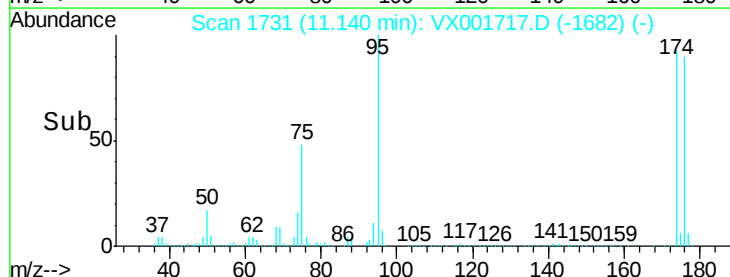
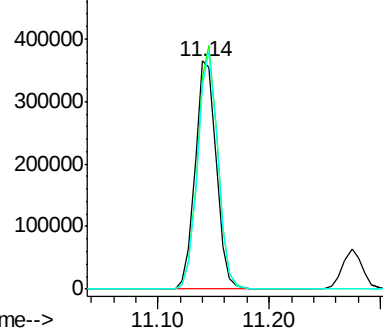
176 99.9 0.0 196.8

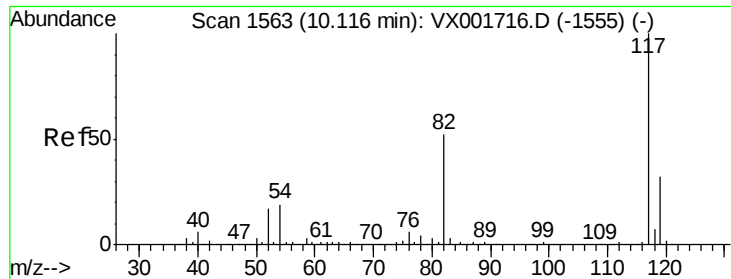


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

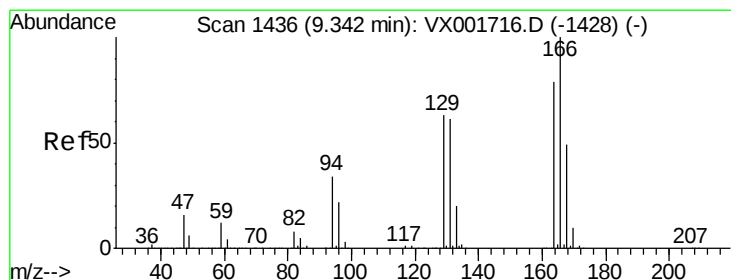
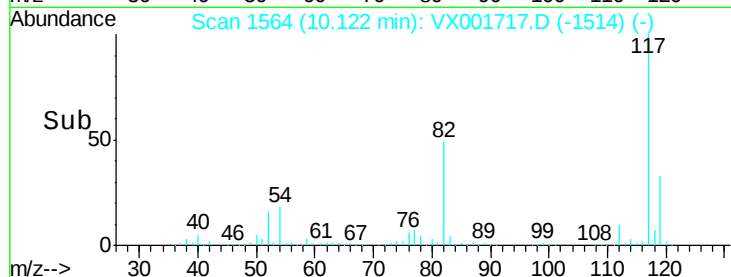
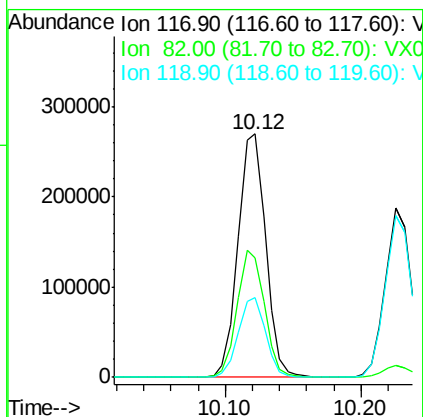
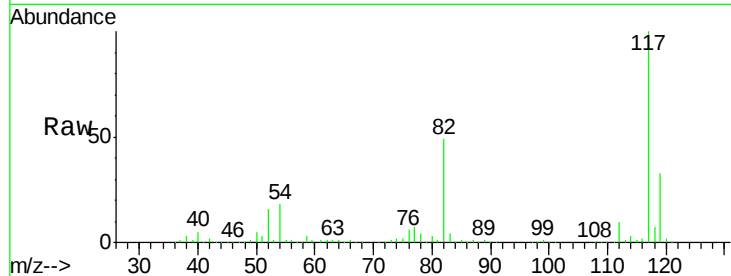




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

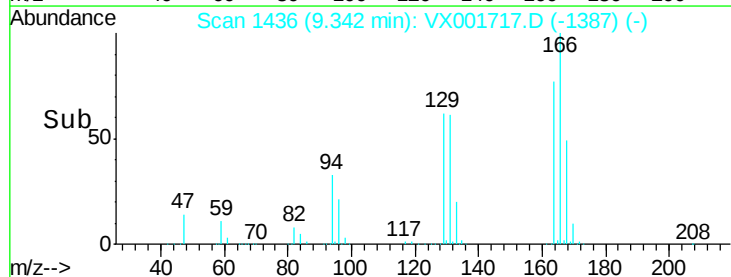
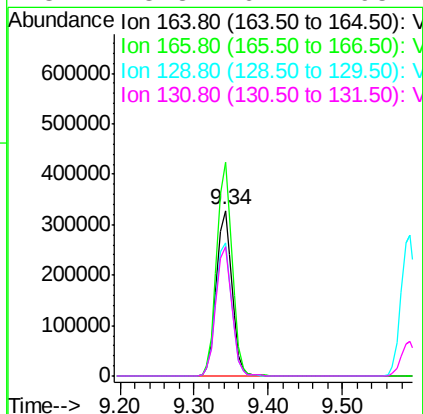
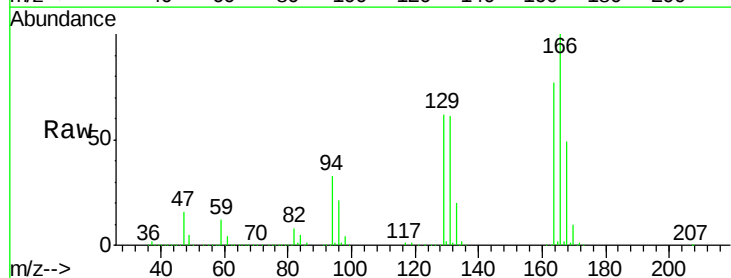
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

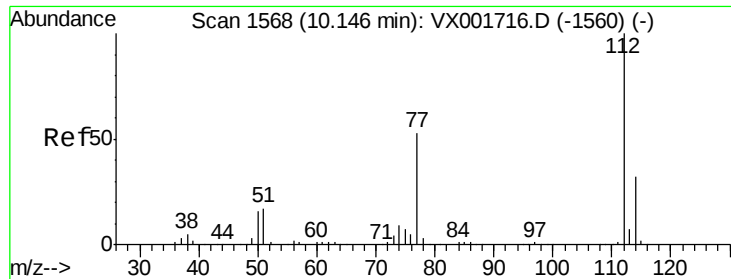
Tgt Ion:117 Resp: 383795
Ion Ratio Lower Upper
117 100
82 49.2 41.4 62.2
119 33.0 25.6 38.4



#64
Tetrachloroethene
Concen: 89.34 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

Tgt Ion:164 Resp: 472104
Ion Ratio Lower Upper
164 100
166 129.3 101.8 152.8
129 80.8 63.8 95.6
131 78.3 62.2 93.2

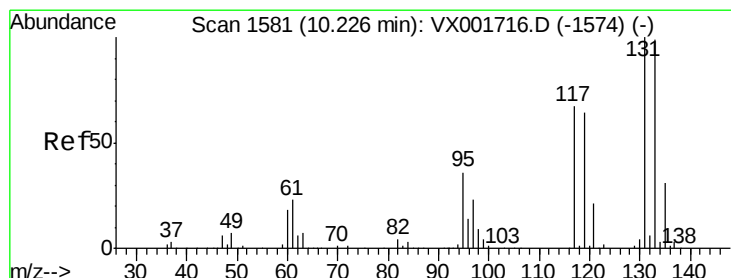
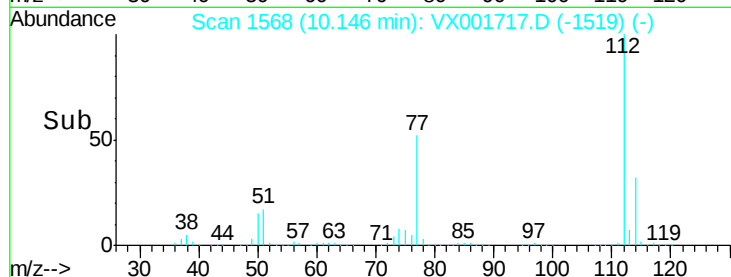
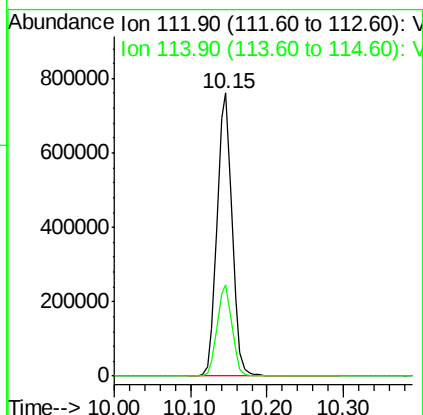
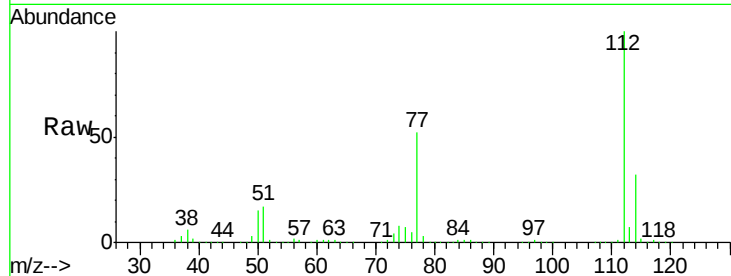




#65
Chlorobenzene
Concen: 92.63 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

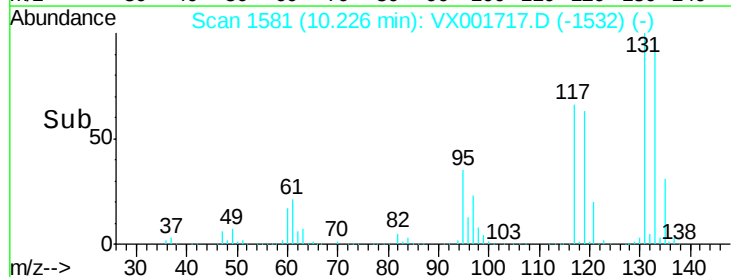
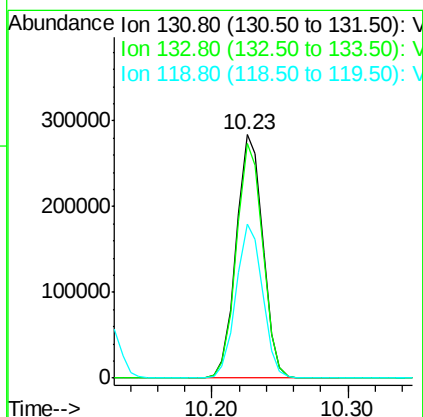
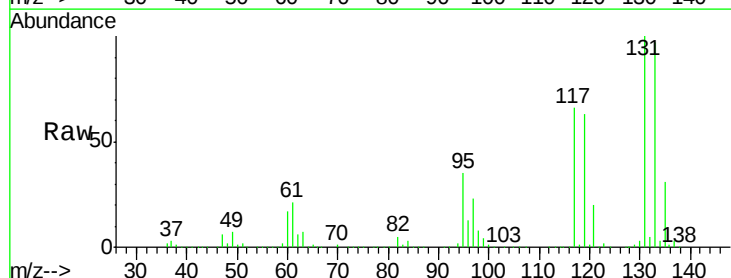
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

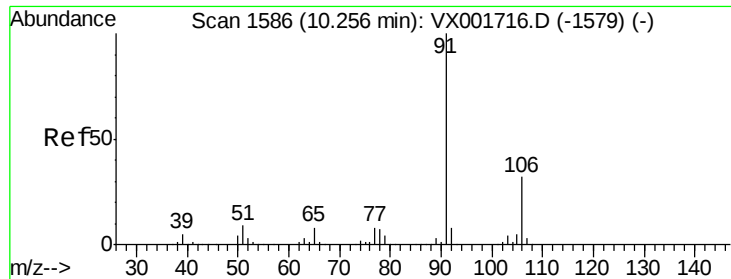
Tgt Ion:112 Resp: 1031098
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 97.01 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

Tgt Ion:131 Resp: 385070
Ion Ratio Lower Upper
131 100
133 95.9 48.5 145.6
119 63.2 31.9 95.5





#67

Ethyl Benzene

Concen: 93.33 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

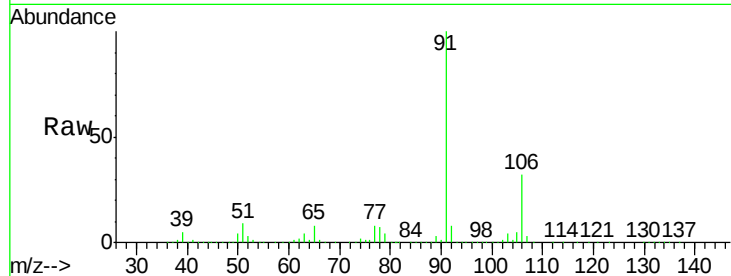
VSTDIC100

Tgt Ion: 91 Resp: 1701037

Ion Ratio Lower Upper

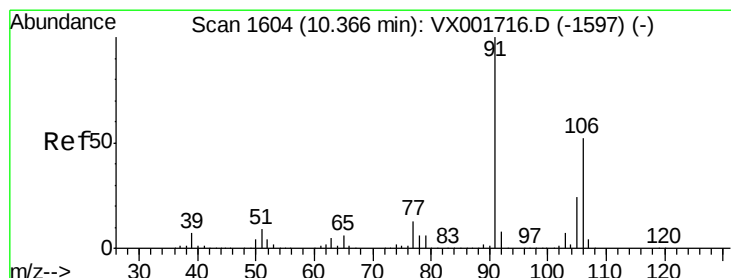
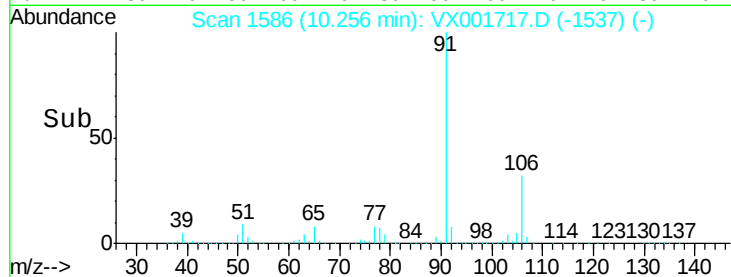
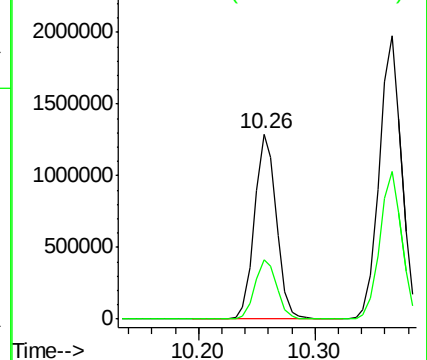
91 100

106 32.4 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 188.92 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001717.D

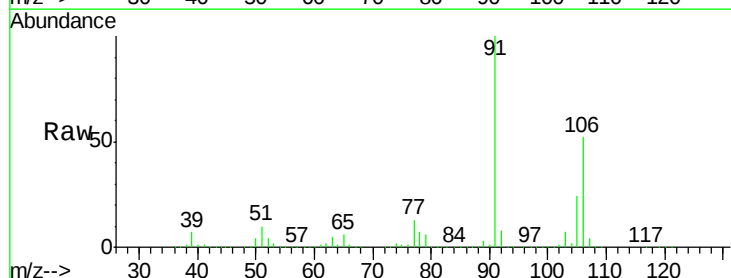
Acq: 14 May 2018 18:43

Tgt Ion: 106 Resp: 1359055

Ion Ratio Lower Upper

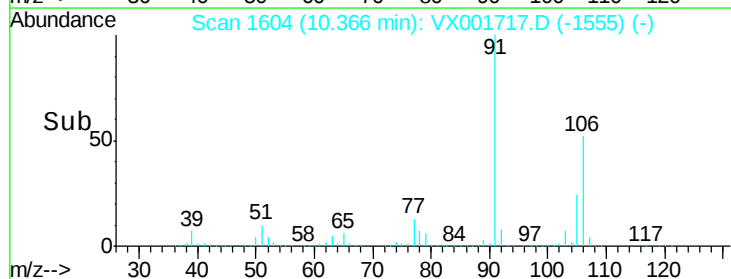
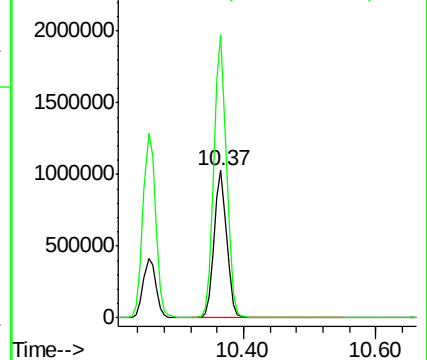
106 100

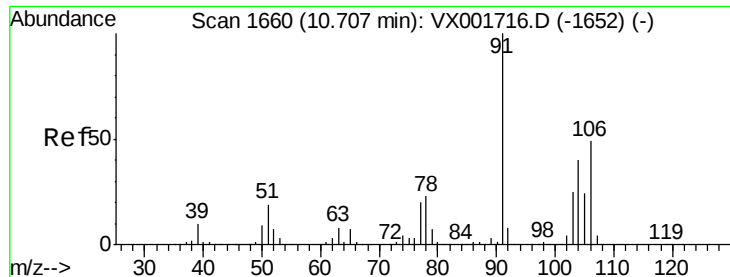
91 193.2 155.4 233.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

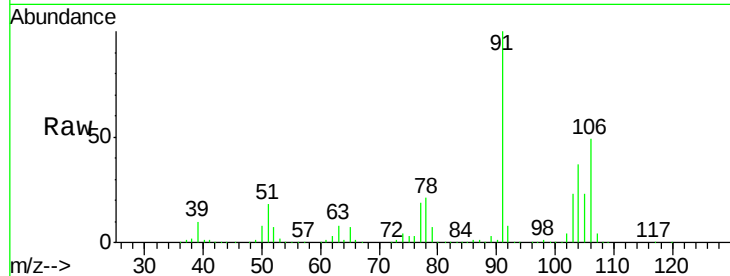




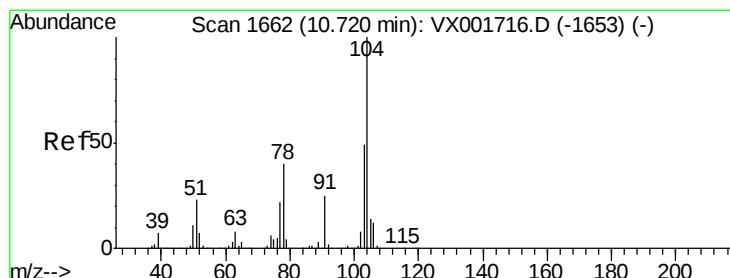
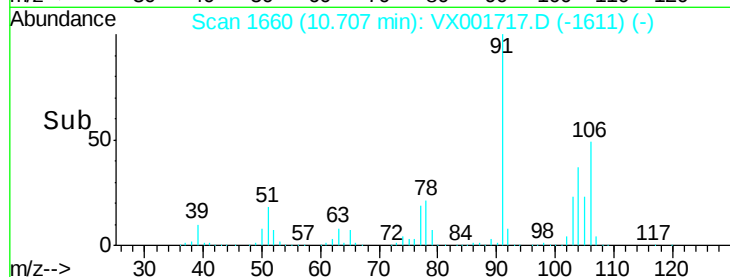
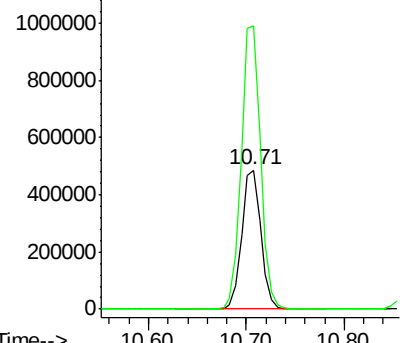
#69
o-Xylene
Concen: 94.85 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 661456
Ion Ratio Lower Upper
106 100
91 205.4 103.4 310.2

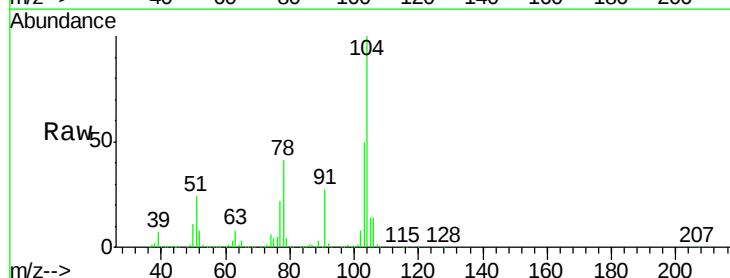


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

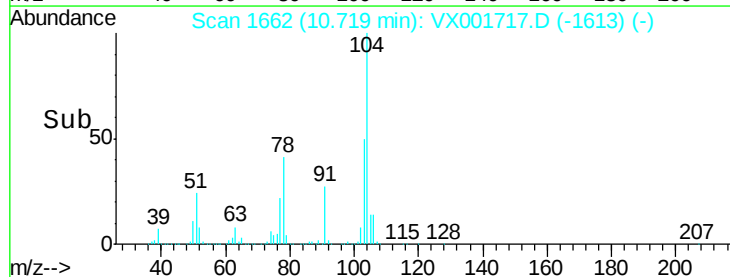
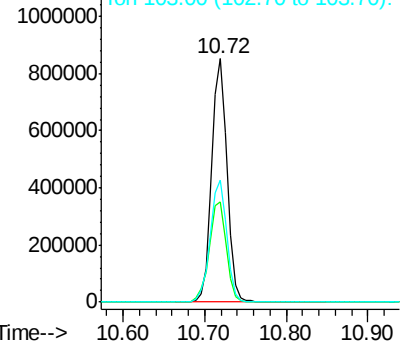


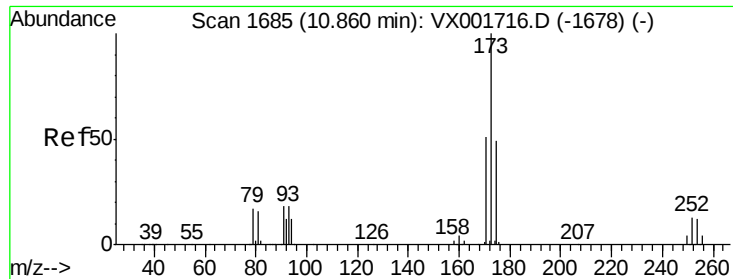
#70
Styrene
Concen: 97.51 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001717.D
Acq: 14 May 2018 18:43

Tgt Ion:104 Resp: 1106858
Ion Ratio Lower Upper
104 100
78 46.6 37.3 55.9
103 54.6 43.7 65.5



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





#71

Bromoform

Concen: 108.13 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

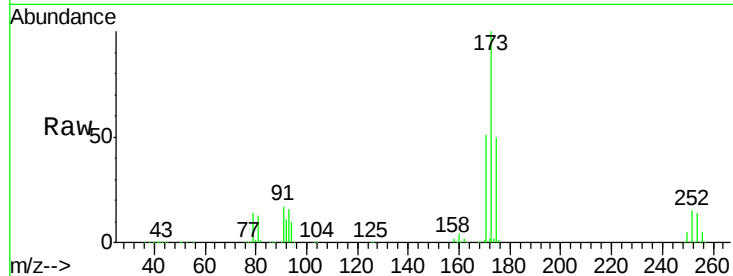
Tgt Ion:173 Resp: 351018

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.8

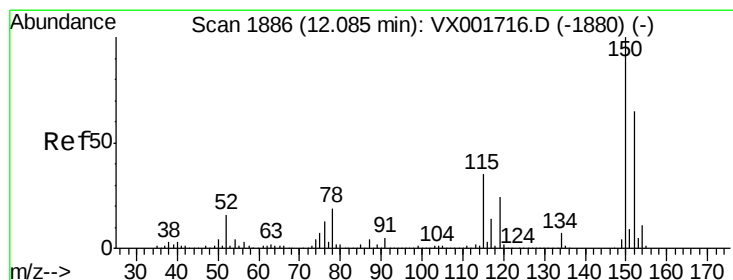
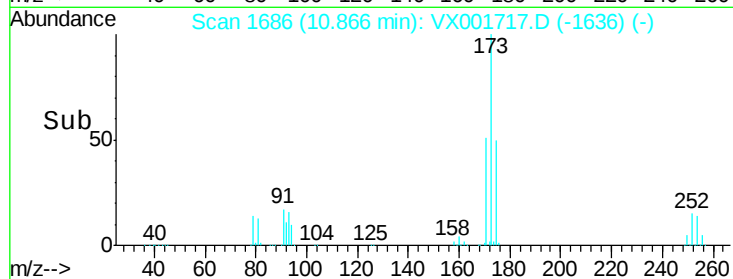
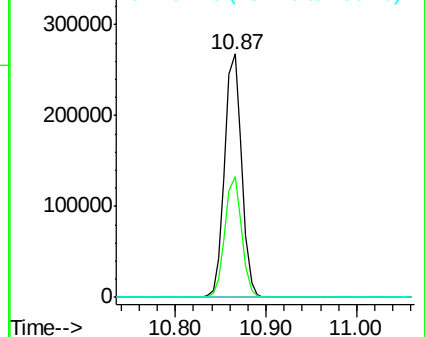
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

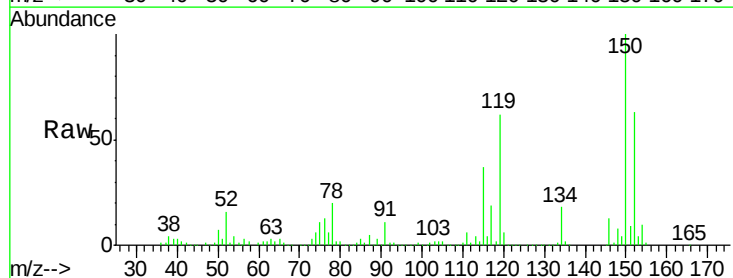
Tgt Ion:152 Resp: 265600

Ion Ratio Lower Upper

152 100

115 95.8 37.4 112.2

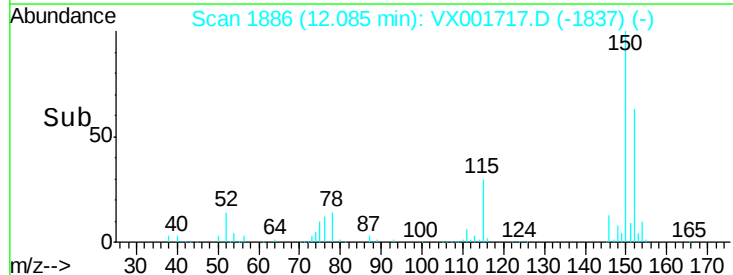
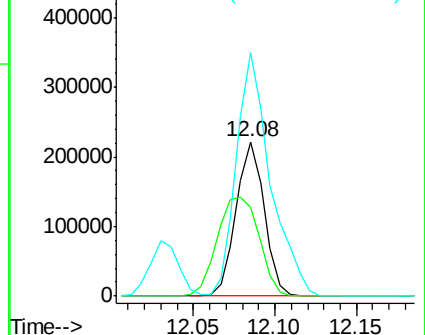
150 191.5 0.0 344.8

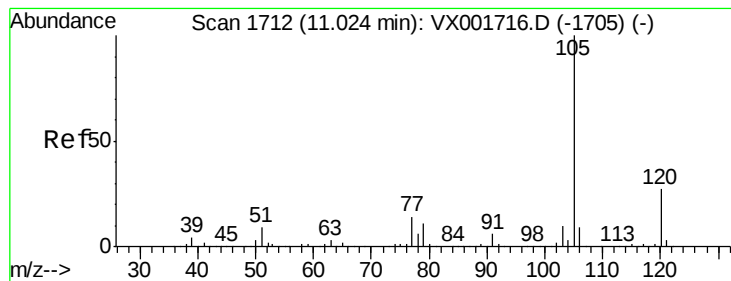


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 95.04 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

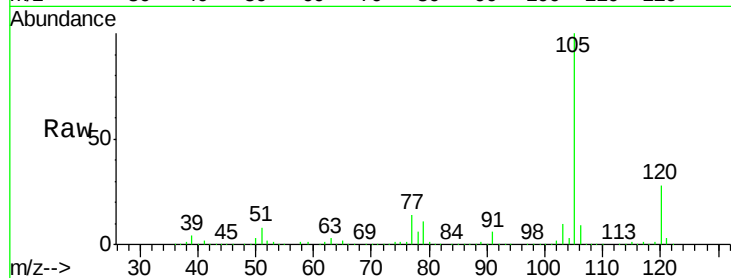
VSTDIC100

Tgt Ion:105 Resp: 1743659

Ion Ratio Lower Upper

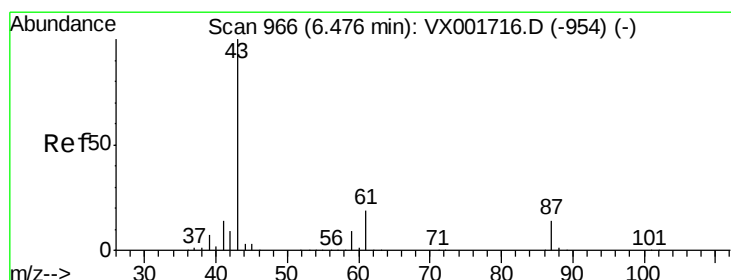
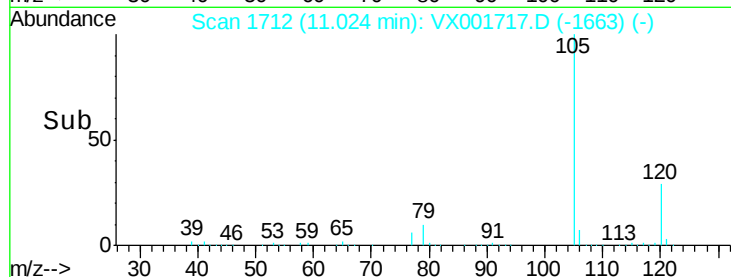
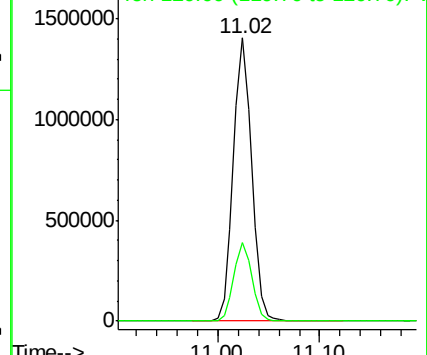
105 100

120 27.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 102.69 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Tgt Ion: 43 Resp: 864959

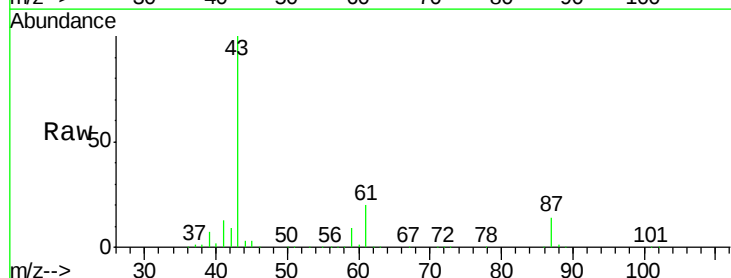
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.3 15.8 23.8

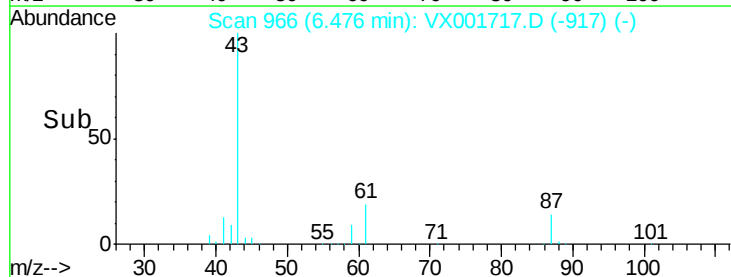
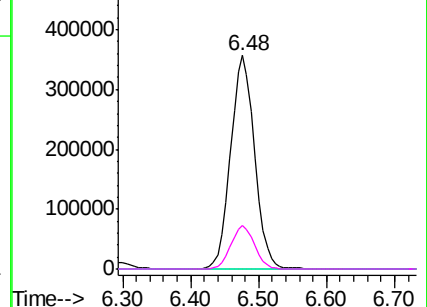


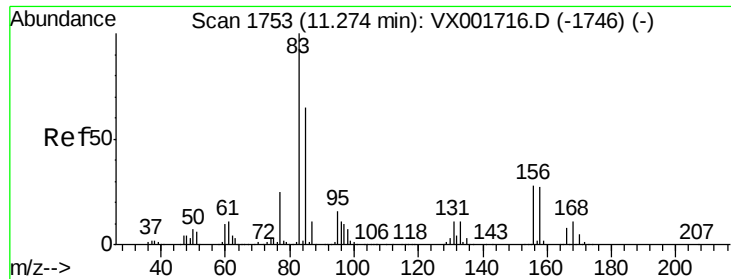
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 95.57 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

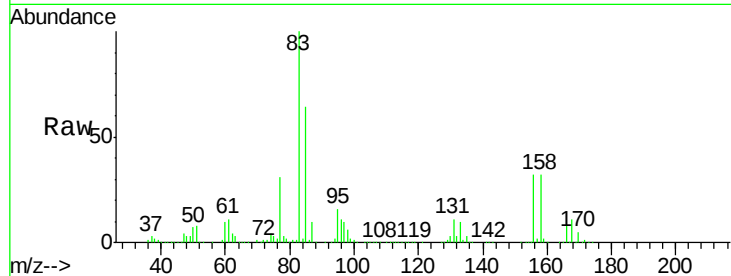
Tgt Ion: 83 Resp: 517349

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.0

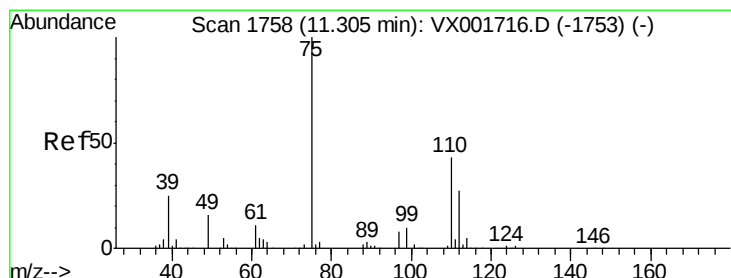
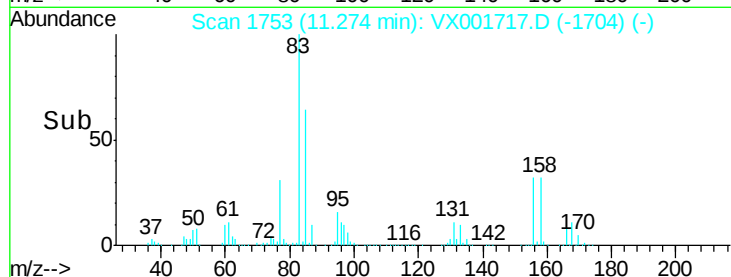
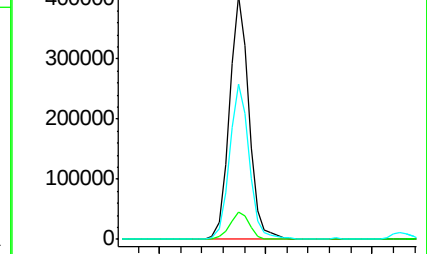
85 64.6 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 118.70 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001717.D

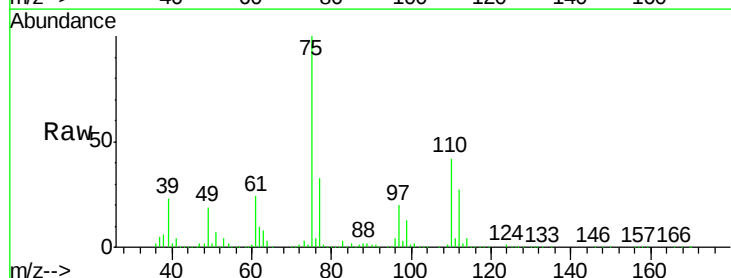
Acq: 14 May 2018 18:43

Tgt Ion: 75 Resp: 639362

Ion Ratio Lower Upper

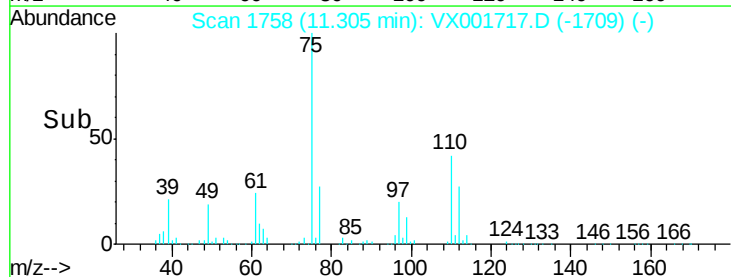
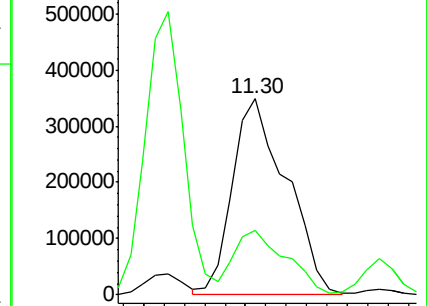
75 100

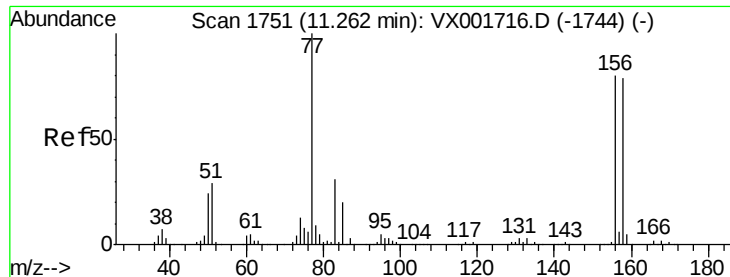
77 31.7 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 94.19 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

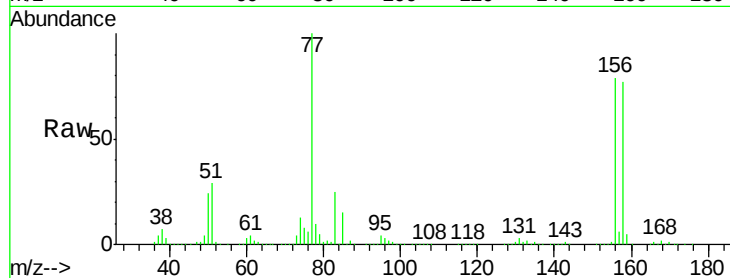
Tgt Ion:156 Resp: 503979

Ion Ratio Lower Upper

156 100

77 130.4 65.3 196.0

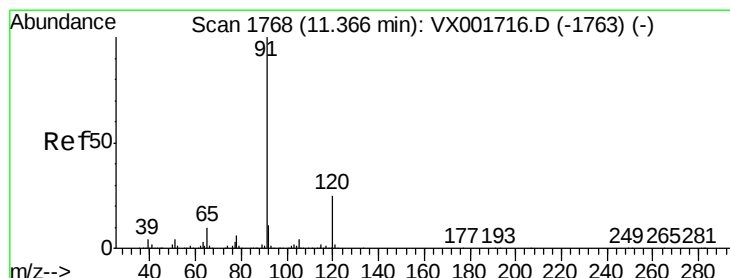
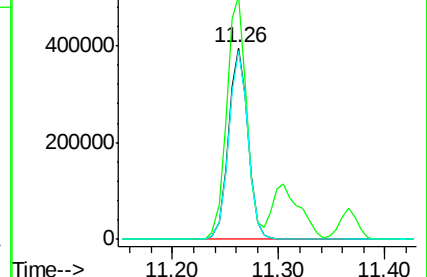
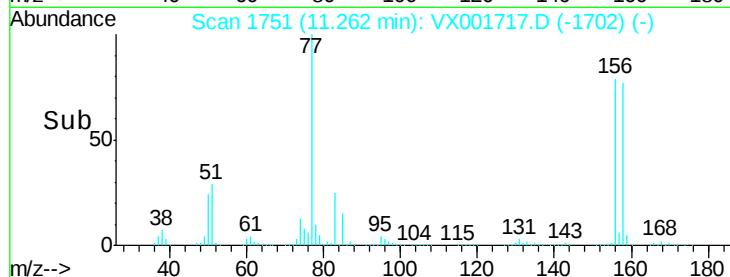
158 98.0 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 97.72 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001717.D

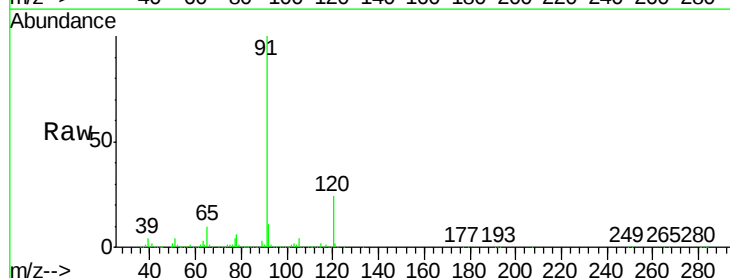
Acq: 14 May 2018 18:43

Tgt Ion: 91 Resp: 1955884

Ion Ratio Lower Upper

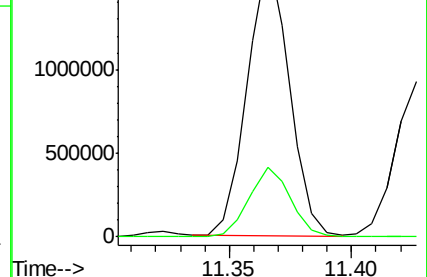
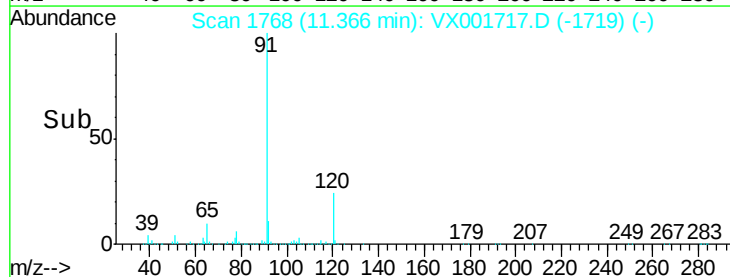
91 100

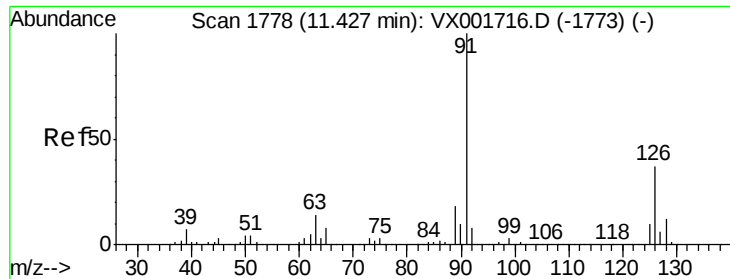
120 25.1 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 94.18 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

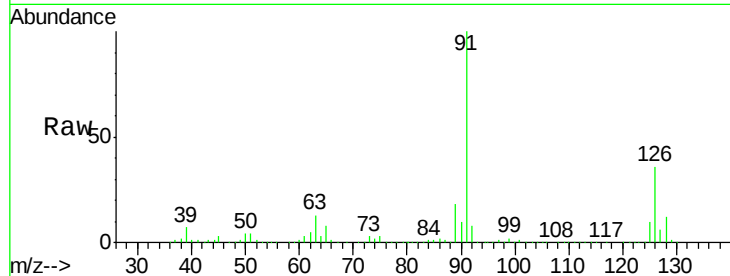
VSTDIC100

Tgt Ion: 91 Resp: 1155695

Ion Ratio Lower Upper

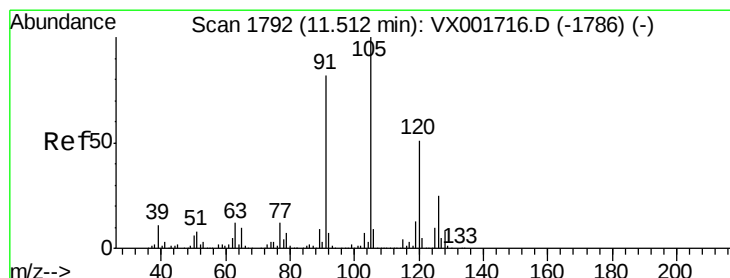
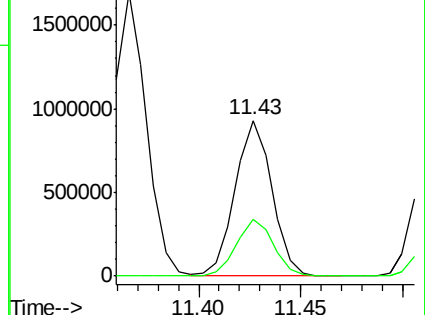
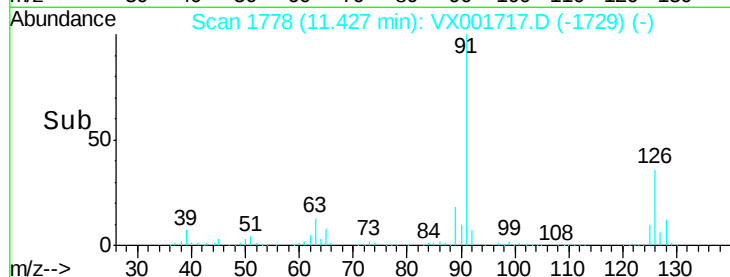
91 100

126 36.9 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 95.66 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001717.D

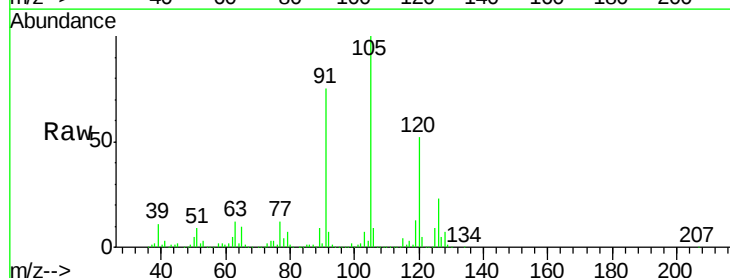
Acq: 14 May 2018 18:43

Tgt Ion: 105 Resp: 1458655

Ion Ratio Lower Upper

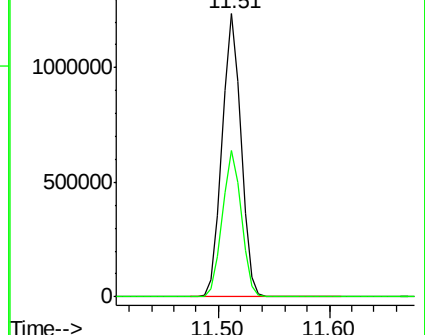
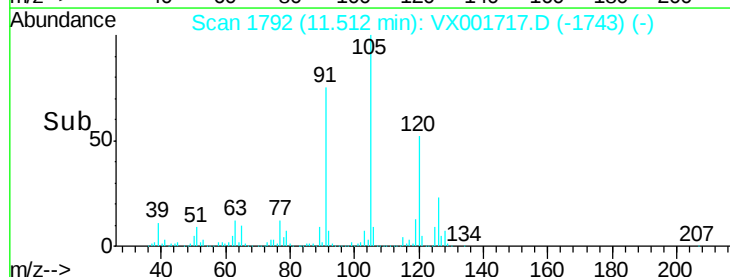
105 100

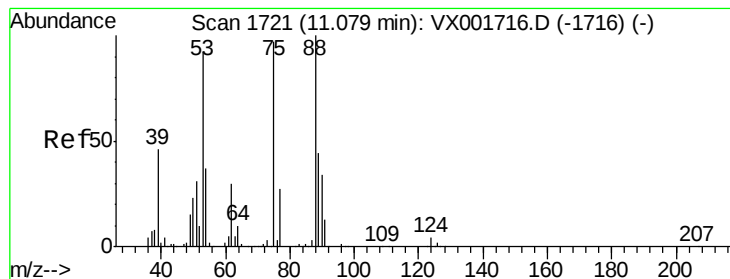
120 51.9 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 120.23 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

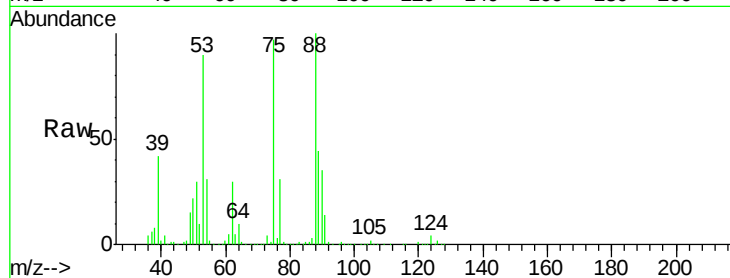
Tgt Ion: 75 Resp: 170800

Ion Ratio Lower Upper

75 100

53 92.4 79.4 119.2

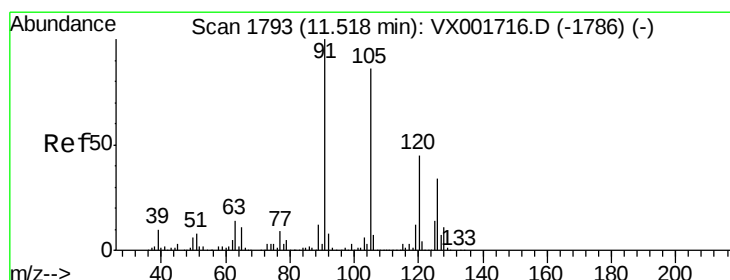
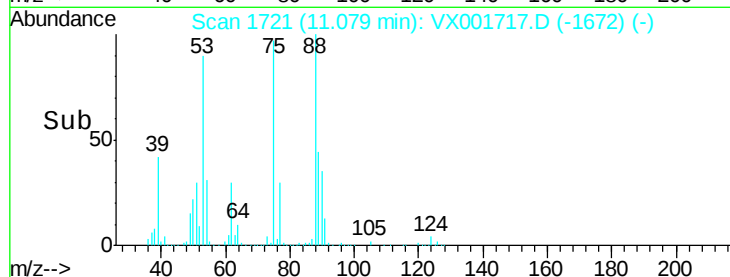
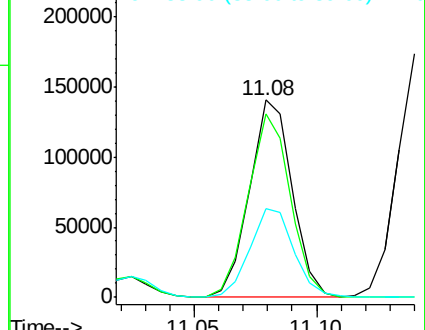
89 47.2 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 95.91 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001717.D

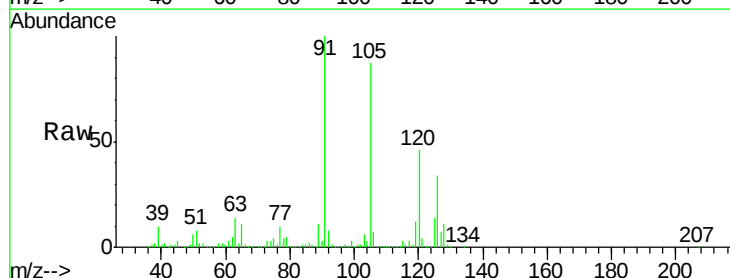
Acq: 14 May 2018 18:43

Tgt Ion: 91 Resp: 1358866

Ion Ratio Lower Upper

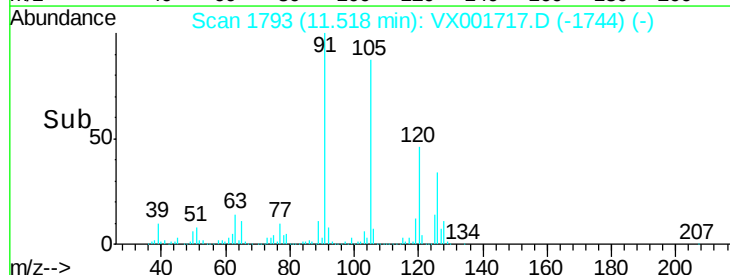
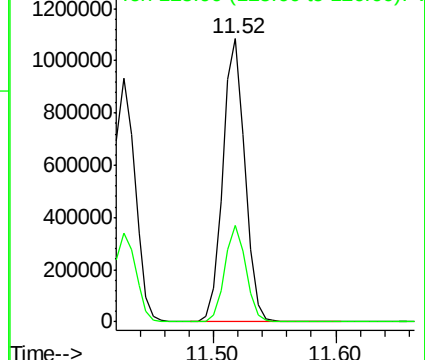
91 100

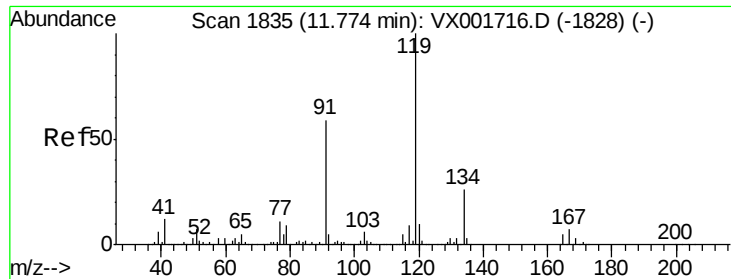
126 32.9 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

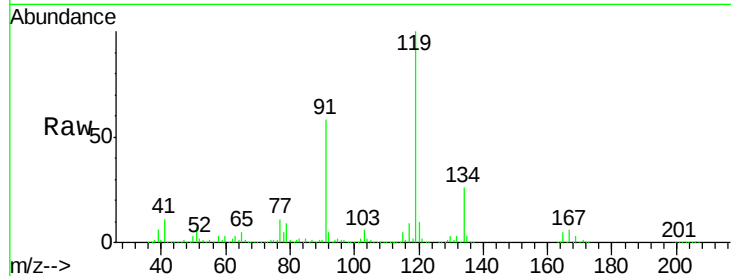




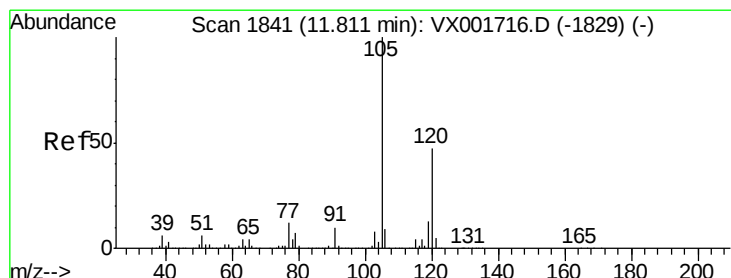
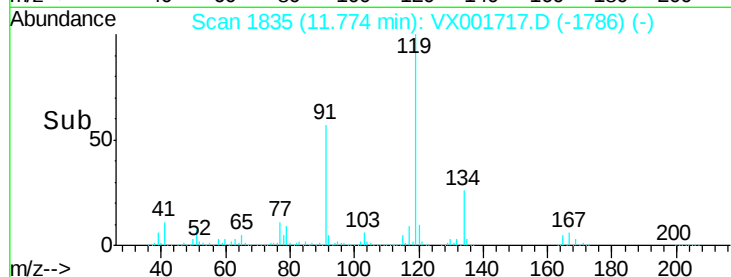
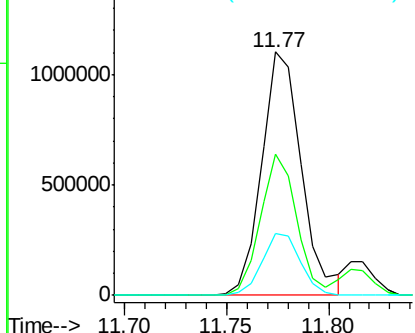
#83
 tert-Butylbenzene
 Concen: 98.98 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 1496663
 Ion Ratio Lower Upper
 119 100
 91 52.9 27.7 83.0
 134 24.5 12.7 38.1

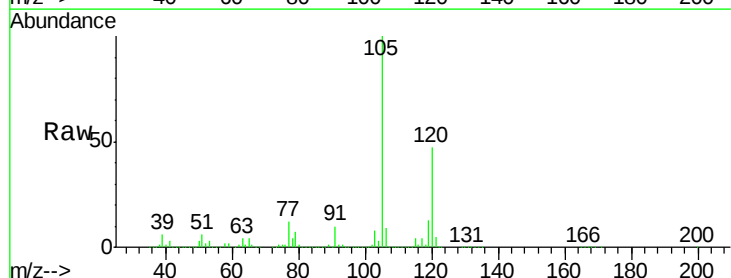


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

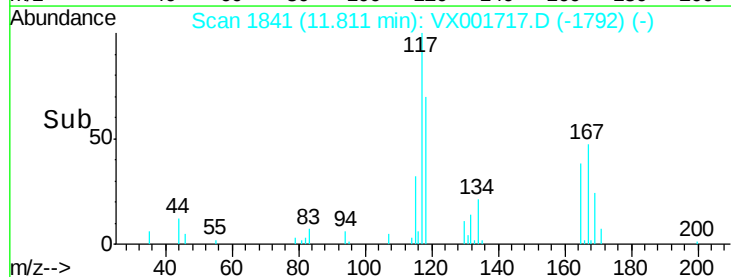
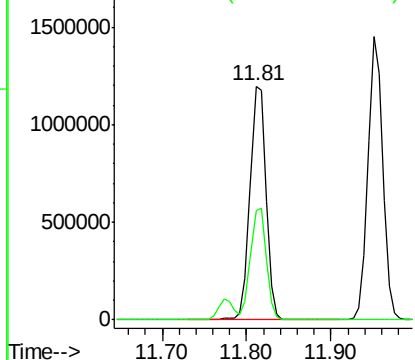


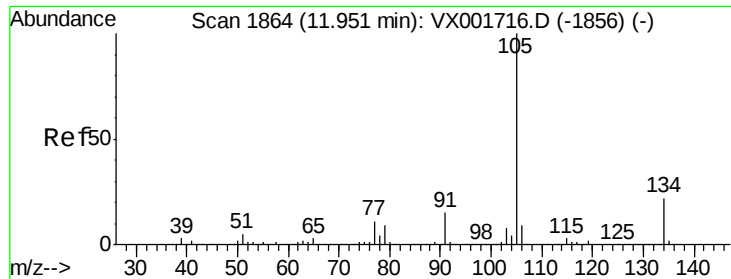
#84
 1,2,4-Trimethylbenzene
 Concen: 96.72 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

Tgt Ion:105 Resp: 1516197
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.5 70.5



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

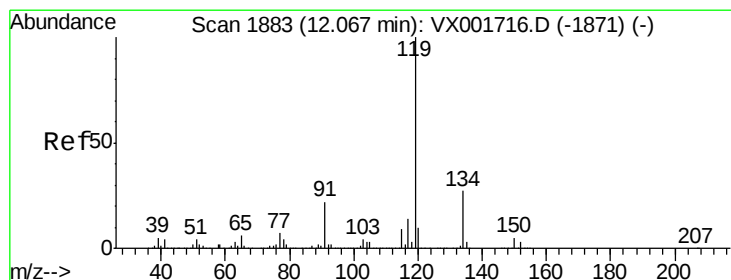
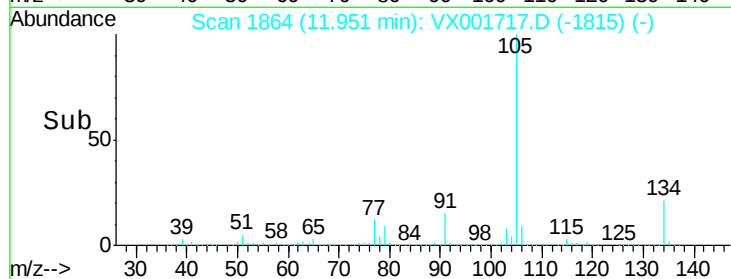
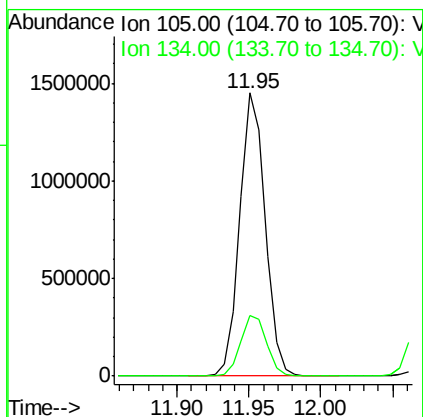
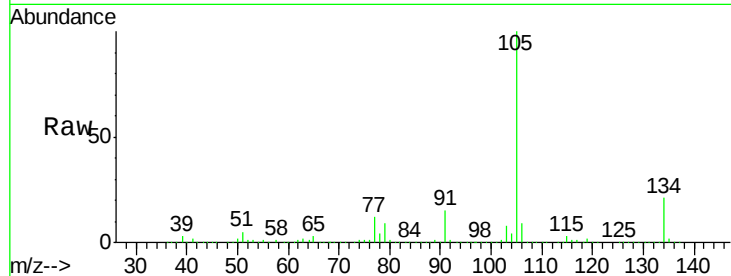




#85
 sec-Butylbenzene
 Concen: 97.75 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

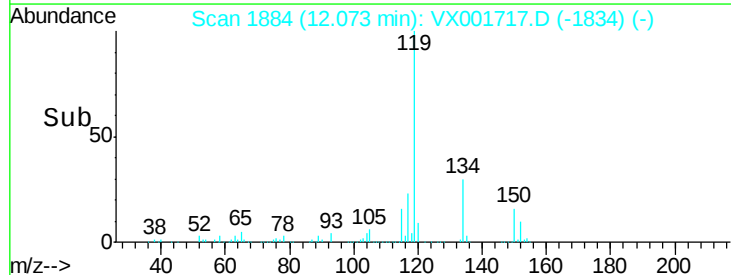
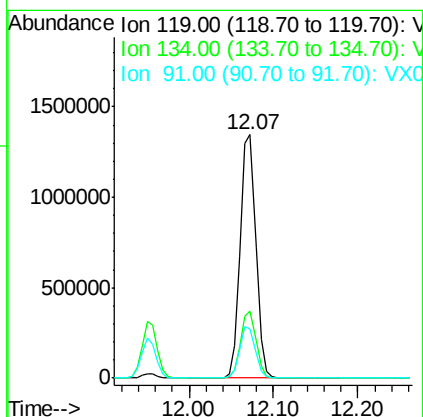
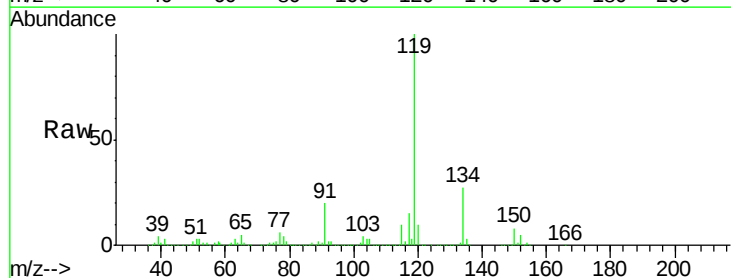
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 1781675
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.9 32.6



#86
 p-Isopropyltoluene
 Concen: 99.29 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

Tgt Ion:119 Resp: 1656651
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 21.0 10.7 32.1

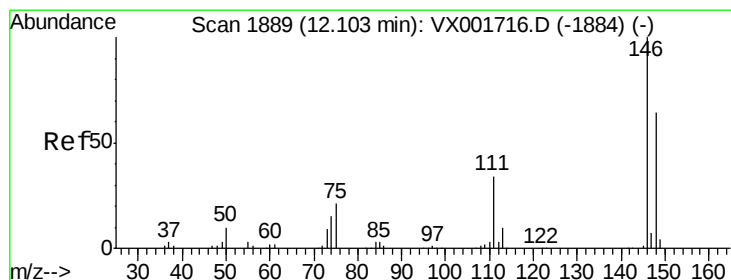
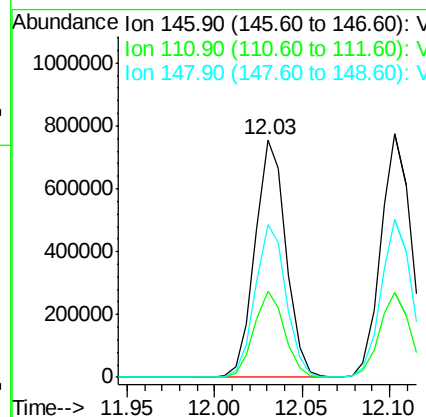
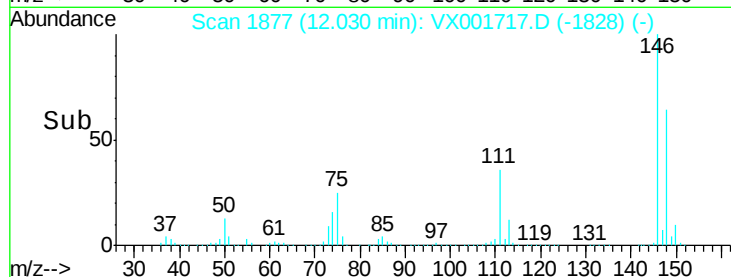
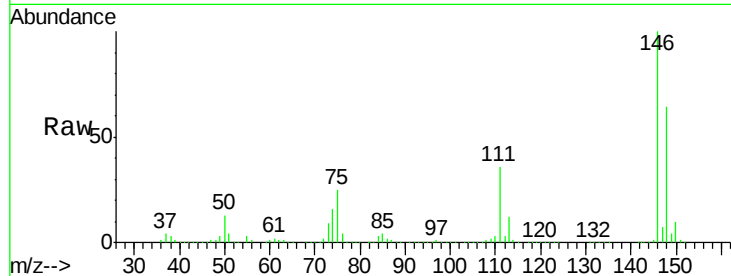




#87
 1,3-Dichlorobenzene
 Concen: 97.36 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

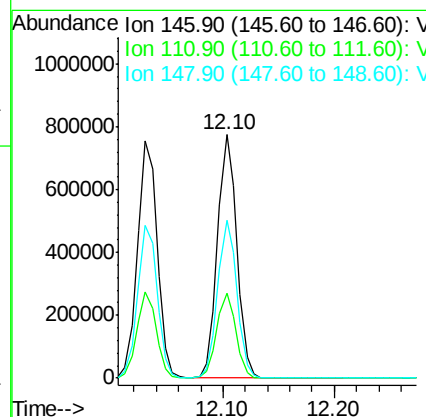
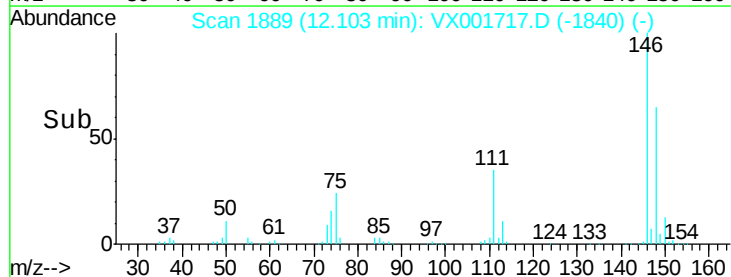
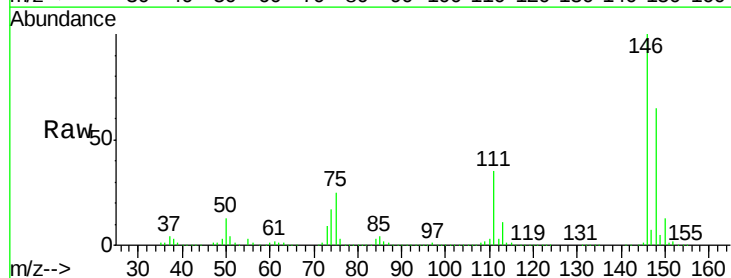
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

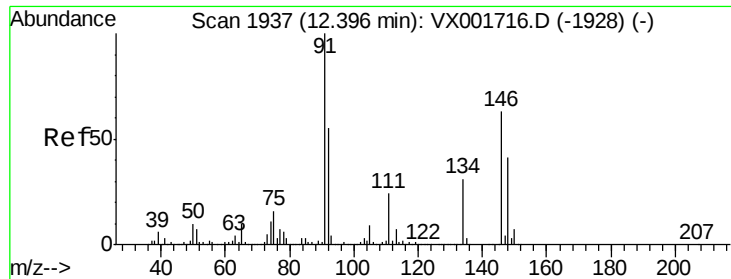
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.8	53.4
148	64.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 96.06 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.6	17.3	52.0
148	64.4	32.3	96.9





#89

n-Butylbenzene

Concen: 103.26 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

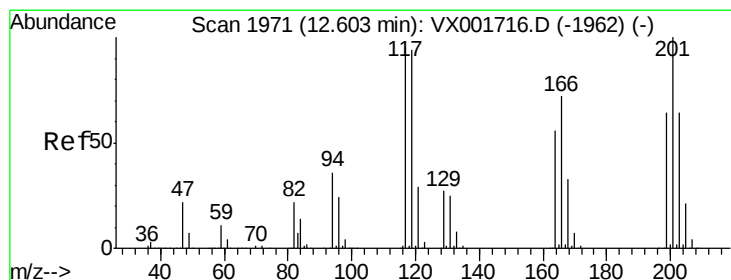
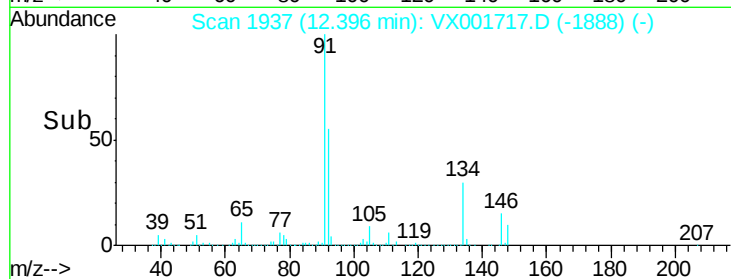
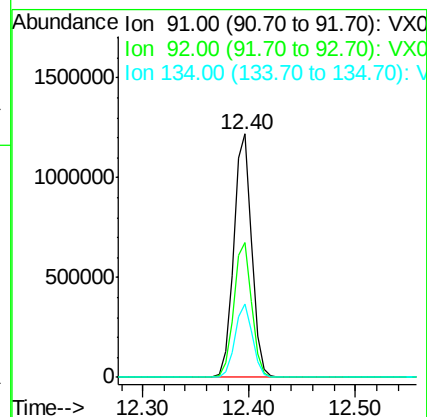
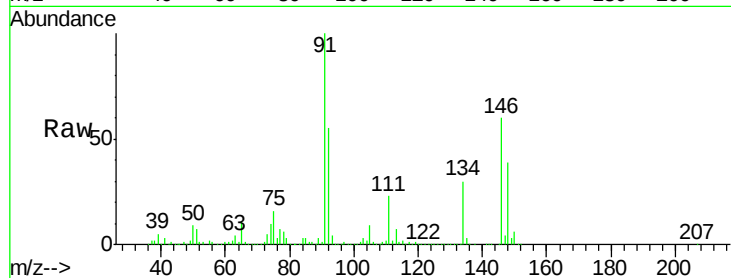
Tgt Ion: 91 Resp: 1437079

Ion Ratio Lower Upper

91 100

92 55.3 27.3 81.9

134 29.5 14.7 44.1



#90

Hexachloroethane

Concen: 110.59 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001717.D

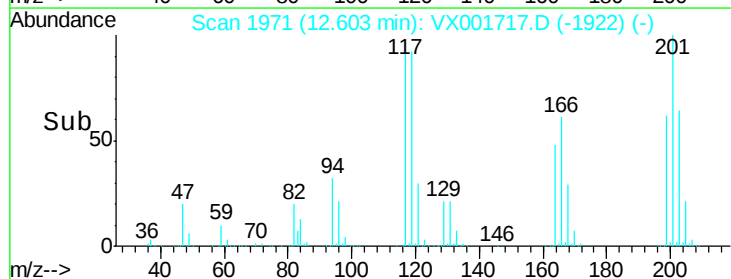
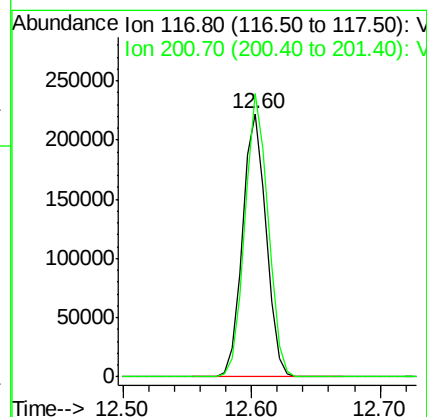
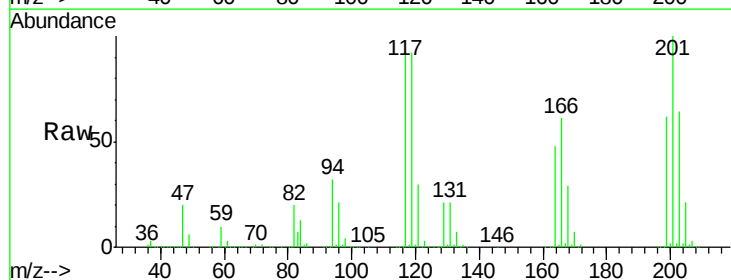
Acq: 14 May 2018 18:43

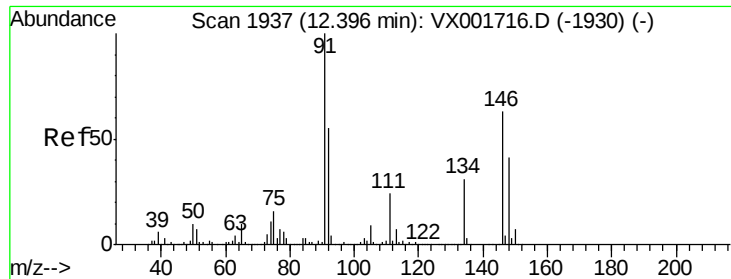
Tgt Ion: 117 Resp: 280868

Ion Ratio Lower Upper

117 100

201 105.4 51.9 155.7

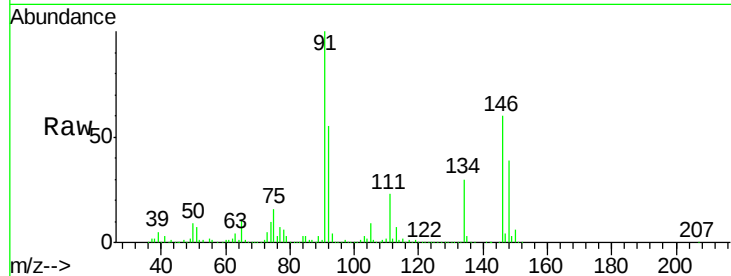




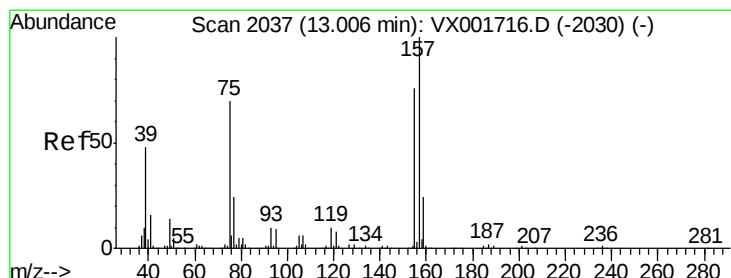
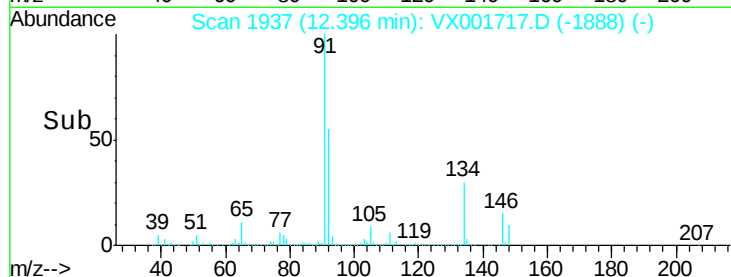
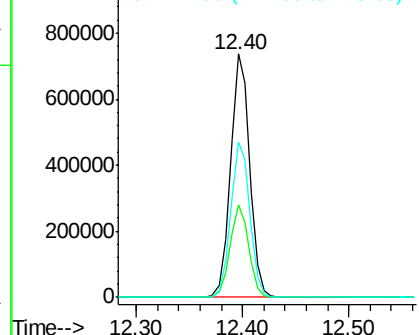
#91
 1,2-Dichlorobenzene
 Concen: 95.15 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 146 Resp: 922384
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 56.0
 148 63.8 32.4 97.0

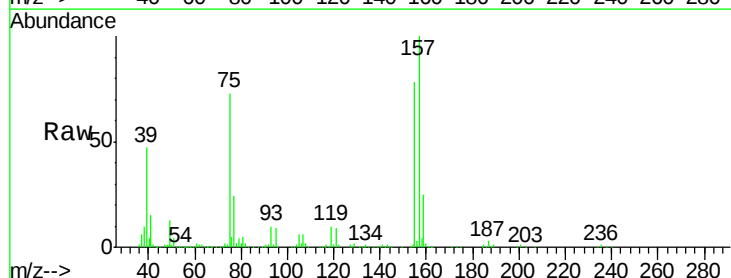


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

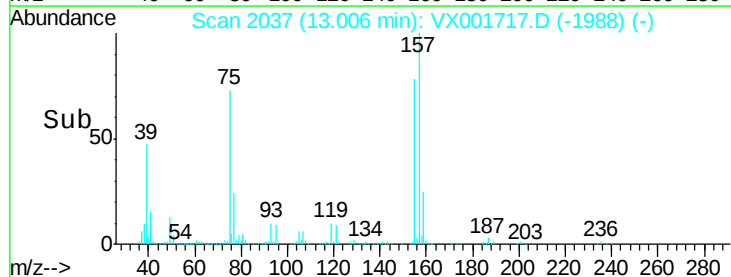
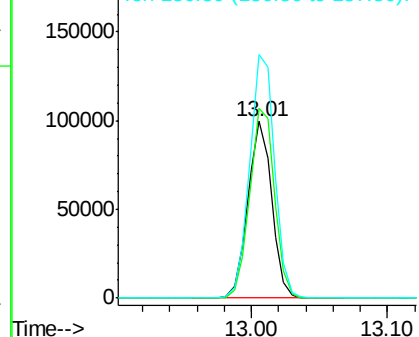


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 103.08 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

Tgt Ion: 75 Resp: 122126
 Ion Ratio Lower Upper
 75 100
 155 111.9 53.9 161.8
 157 144.1 71.0 213.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

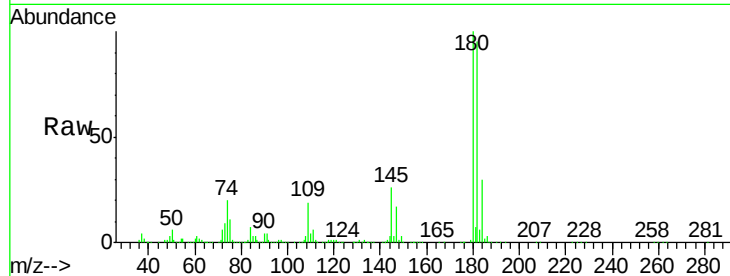




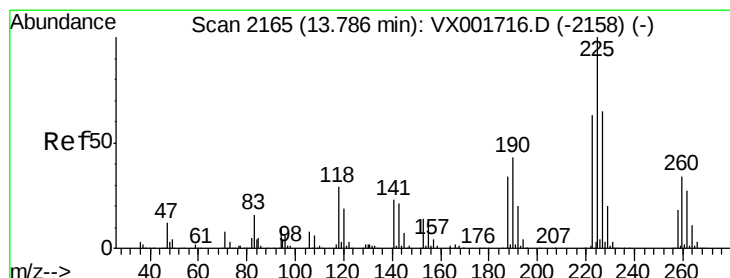
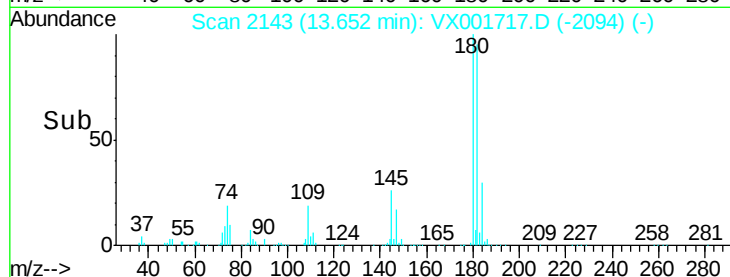
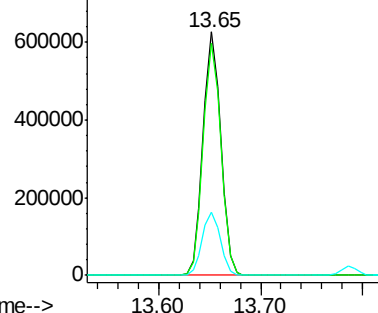
#93
 1,2,4-Trichlorobenzene
 Concen: 104.45 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 749544
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.6 142.9
 145 26.5 13.4 40.1

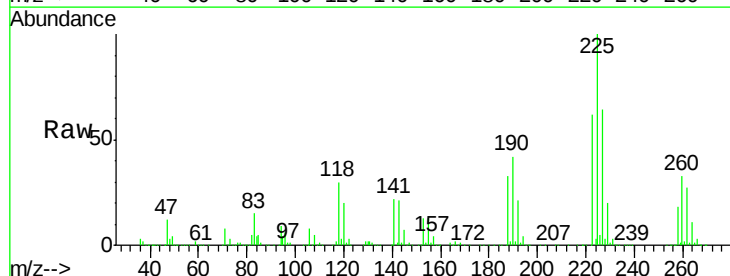


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

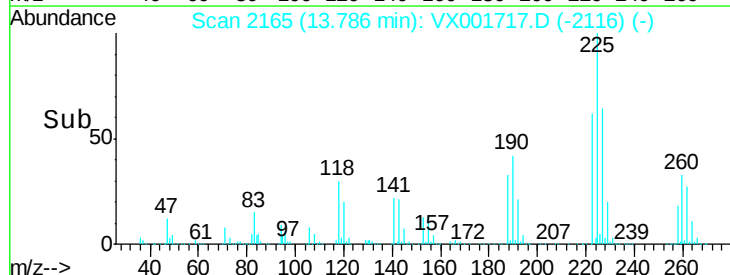
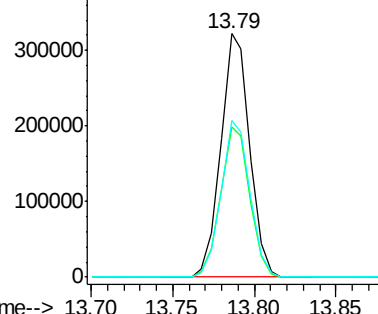


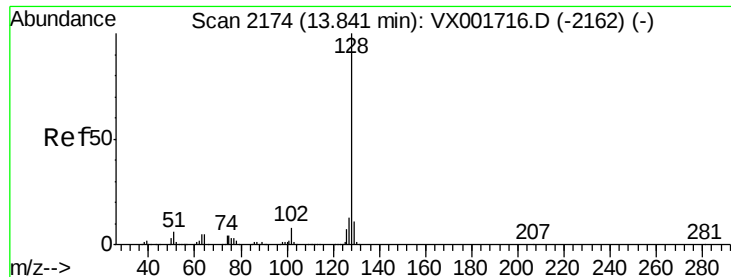
#94
 Hexachlorobutadiene
 Concen: 101.05 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001717.D
 Acq: 14 May 2018 18:43

Tgt Ion:225 Resp: 396404
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.5
 227 64.2 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 103.32 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

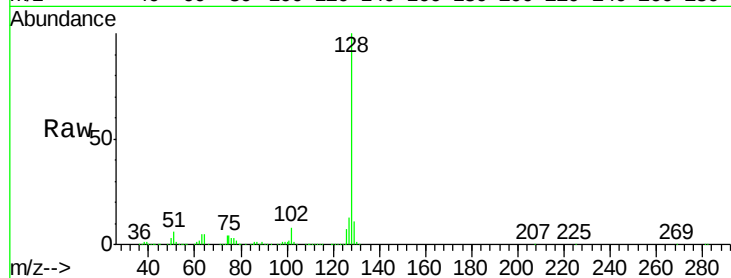
Tgt Ion:128 Resp: 2037055

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

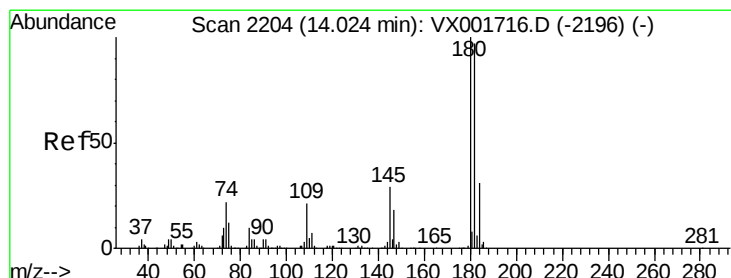
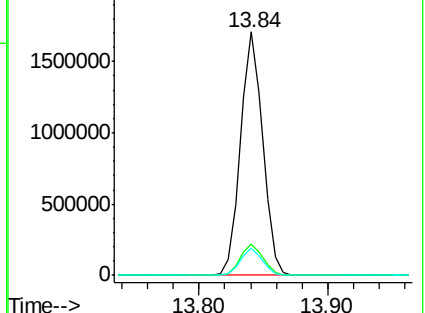
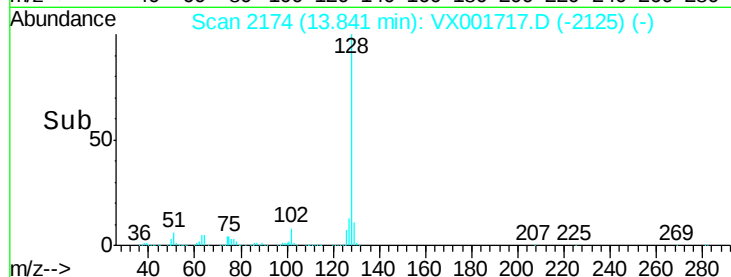
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 101.27 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001717.D

Acq: 14 May 2018 18:43

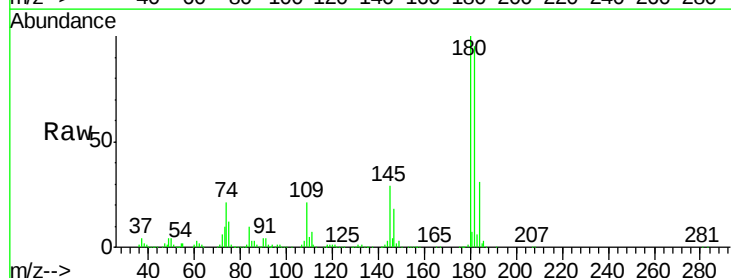
Tgt Ion:180 Resp: 742438

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 28.3 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

