

Data File : VX004018.D
Acq On : 14 Aug 2018 01:25
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC1

Quant Time: Aug 14 06:55:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 06:50:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	308947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	470756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	452661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	285419	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	443289	102.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.60%	
35) Dibromofluoromethane	5.51	113	369961	102.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.06%	
50) Toluene-d8	8.72	98	1452877	104.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.68%	
62) 4-Bromofluorobenzene	11.14	95	558913	118.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	237.94%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	301419	100.638	ug/l	99
3) Chloromethane	1.32	50	356132	84.353	ug/l	99
4) Vinyl Chloride	1.40	62	398051	95.131	ug/l	99
5) Bromomethane	1.64	94	202213	76.121	ug/l	97
6) Chloroethane	1.71	64	282318	102.883	ug/l	100
7) Trichlorofluoromethane	1.93	101	533228	97.511	ug/l	95
8) Diethyl Ether	2.18	74	246149	95.230	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	328731	96.884	ug/l	100
10) Methyl Iodide	2.51	142	397584	94.131	ug/l	99
11) Tert butyl alcohol	3.05	59	445324	442.462	ug/l	99
12) 1,1-Dichloroethene	2.37	96	319531	97.194	ug/l	99
13) Acrolein	2.29	56	308776	524.450	ug/l	99
14) Allyl chloride	2.73	41	600278	93.613	ug/l	98
15) Acrylonitrile	3.15	53	1095171	450.351	ug/l	99
16) Acetone	2.44	43	1090764	436.413	ug/l	99
17) Carbon Disulfide	2.57	76	917567	91.960	ug/l	100
18) Methyl Acetate	2.77	43	492684	90.571	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	1170872	96.511	ug/l	100
20) Methylene Chloride	2.85	84	383215	63.858	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	360884	94.778	ug/l	98
22) Diisopropyl ether	3.87	45	1290146	105.197	ug/l	100
23) Vinyl Acetate	3.82	43	5423948	529.382	ug/l	99
24) 1,1-Dichloroethane	3.70	63	701826	98.505	ug/l	99
25) 2-Butanone	4.70	43	1808679	476.192	ug/l	98
26) 2,2-Dichloropropane	4.58	77	400848	81.743	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	410826	97.851	ug/l	100
28) Bromochloromethane	5.02	49	319852	102.377	ug/l	100
29) Tetrahydrofuran	5.15	42	941627	483.573	ug/l	100
30) Chloroform	5.21	83	678738	100.608	ug/l	99
31) Cyclohexane	5.57	56	590373	103.639	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	583285	105.470	ug/l	99
36) 1,1-Dichloropropene	5.80	75	516162	99.907	ug/l	100
37) Ethyl Acetate	4.86	43	564094	95.885	ug/l	99
38) Carbon Tetrachloride	5.78	117	508708	103.886	ug/l	98

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ClientSampleId :
VSTDICC1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 06:50:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	610475	103.907	ug/l	99
40) Benzene	6.15	78	1594772	100.328	ug/l	100
41) Methacrylonitrile	5.06	41	312733	96.676	ug/l	99
42) 1,2-Dichloroethane	6.20	62	547447	100.374	ug/l	100
43) Isopropyl Acetate	6.46	43	908305	102.491	ug/l	99
44) Trichloroethene	7.21	130	425939	98.892	ug/l	100
45) 1,2-Dichloropropane	7.52	63	412451	100.177	ug/l	99
46) Dibromomethane	7.66	93	270175	100.274	ug/l	99
47) Bromodichloromethane	7.90	83	533243	105.705	ug/l	98
48) Methyl methacrylate	7.78	41	474652	105.444	ug/l	99
49) 1,4-Dioxane	7.76	88	203428	1932.435	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	3752696	510.710	ug/l	99
52) Toluene	8.79	92	1031763	103.177	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	597018	105.695	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	636274	104.609	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	417454	100.742	ug/l	99
56) Ethyl methacrylate	9.18	69	659314	110.118	ug/l	99
57) 1,3-Dichloropropane	9.37	76	708170	101.559	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1659621	558.740	ug/l	100
59) 2-Hexanone	9.50	43	2857500	518.557	ug/l	99
60) Dibromochloromethane	9.59	129	438042	113.124	ug/l	100
61) 1,2-Dibromoethane	9.68	107	443292	105.796	ug/l	99
64) Tetrachloroethene	9.34	164	418267	95.968	ug/l	98
65) Chlorobenzene	10.14	112	1151759	99.335	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	406308	101.264	ug/l	98
67) Ethyl Benzene	10.26	91	1959620	103.556	ug/l	97
68) m/p-Xylenes	10.36	106	1558293	209.900	ug/l	100
69) o-Xylene	10.70	106	751095	106.670	ug/l	99
70) Styrene	10.71	104	1298722	111.494	ug/l	98
71) Bromoform	10.86	173	354865	116.837	ug/l	100
73) Isopropylbenzene	11.02	105	2001295	98.542	ug/l	99
74) N-amyl acetate	6.46	43	908305	84.430	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	656065	90.323	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	758396	119.821	ug/l	88
77) Bromobenzene	11.26	156	540051	96.057	ug/l	98
78) n-propylbenzene	11.36	91	2295648	99.115	ug/l	100
79) 2-Chlorotoluene	11.42	91	1360050	95.194	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1686181	99.906	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	191910	95.096	ug/l	97
82) 4-Chlorotoluene	11.51	91	1602535	95.837	ug/l	99
83) tert-Butylbenzene	11.77	119	1682692	102.069	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1742469	102.008	ug/l	100
85) sec-Butylbenzene	11.95	105	1977586	103.070	ug/l	99
86) p-Isopropyltoluene	12.07	119	1789974	103.532	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	989413	95.772	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1004828	93.479	ug/l	99
89) n-Butylbenzene	12.39	91	1526555	102.318	ug/l	98
90) Hexachloroethane	12.60	117	260585	94.112	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	965576	94.295	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	123729	85.792	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
Quantitation Report (Not Reviewed)

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Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC1

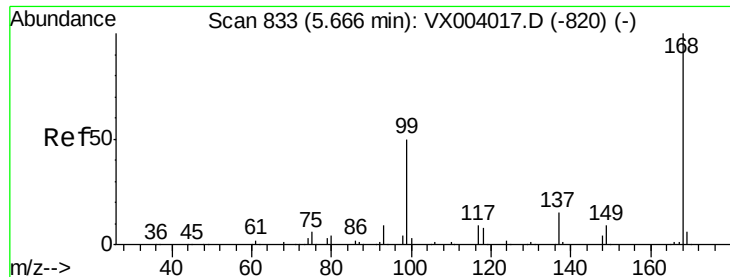
Quant Time: Aug 14 06:55:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 06:50:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	655424	91.010	ug/l	99
94) Hexachlorobutadiene	13.79	225	298491	90.802	ug/l	99
95) Naphthalene	13.83	128	2073977	98.823	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	707247	97.058	ug/l	99

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

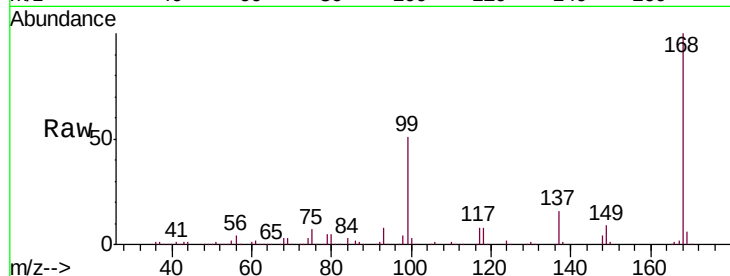
VSTDIC1

Tgt Ion:168 Resp: 308947

Ion Ratio Lower Upper

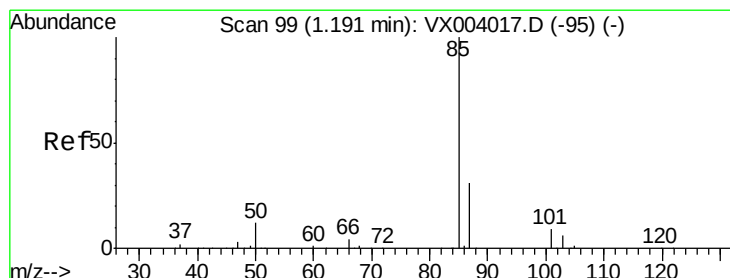
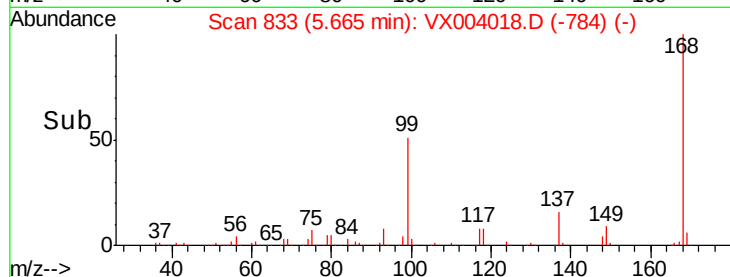
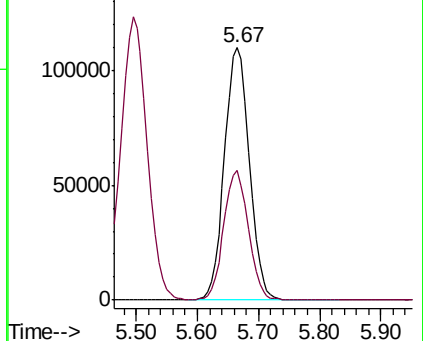
168 100

99 51.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 100.638 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.00 min

Lab File: VX004018.D

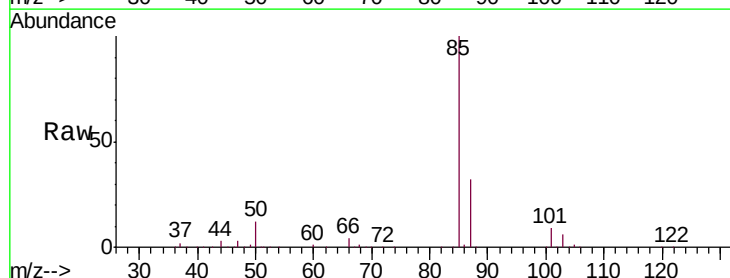
Acq: 14 Aug 2018 01:25

Tgt Ion: 85 Resp: 301419

Ion Ratio Lower Upper

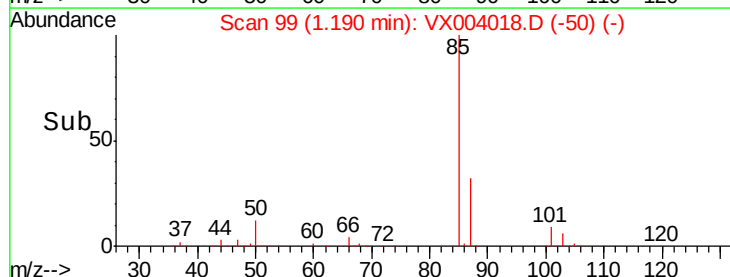
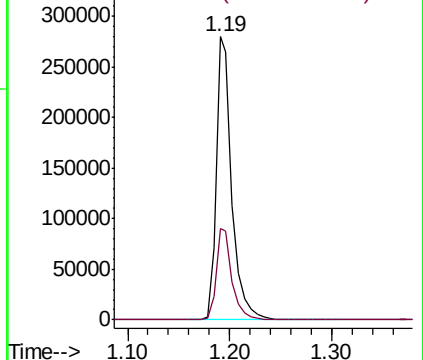
85 100

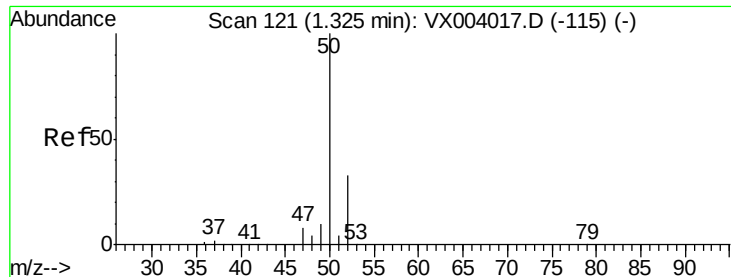
87 32.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 84.353 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

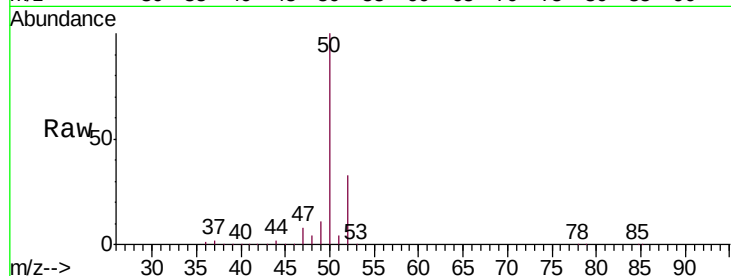
VSTDICC1

Tgt Ion: 50 Resp: 356132

Ion Ratio Lower Upper

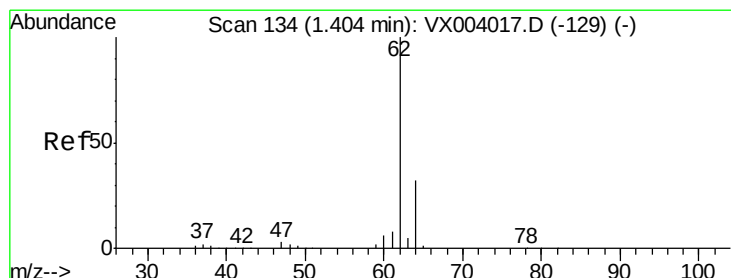
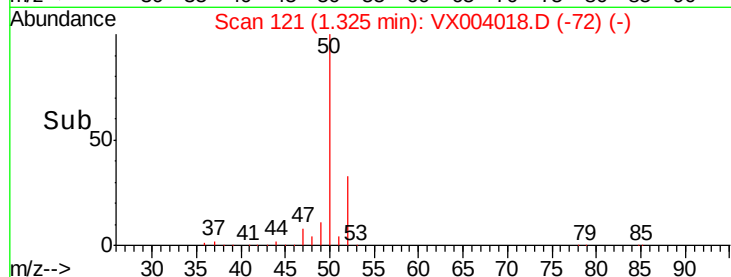
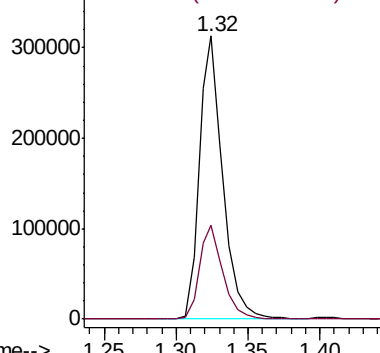
50 100

52 33.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 95.131 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004018.D

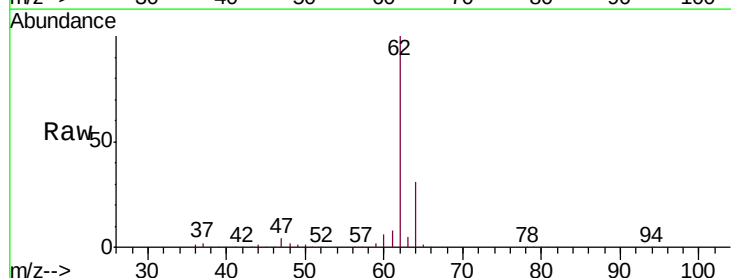
Acq: 14 Aug 2018 01:25

Tgt Ion: 62 Resp: 398051

Ion Ratio Lower Upper

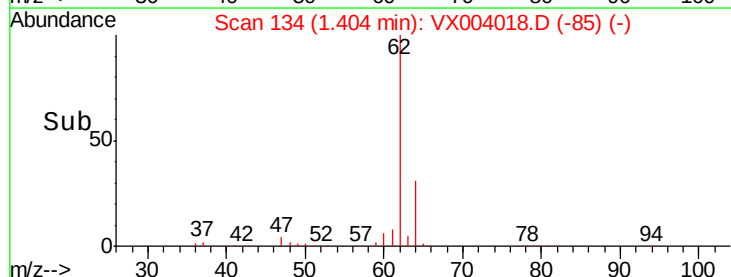
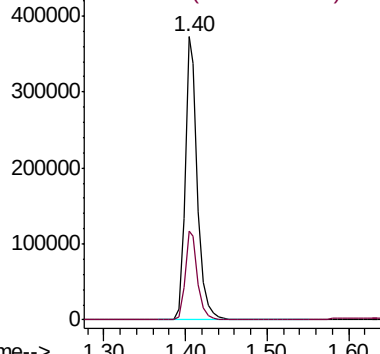
62 100

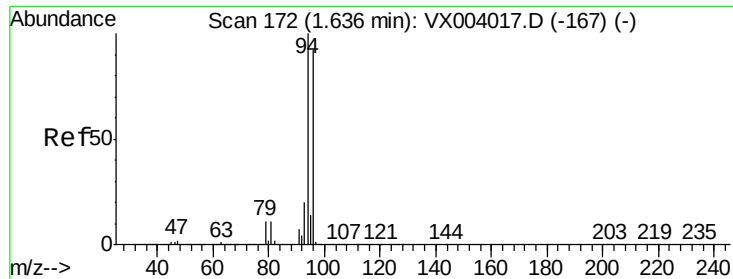
64 31.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 76.121 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

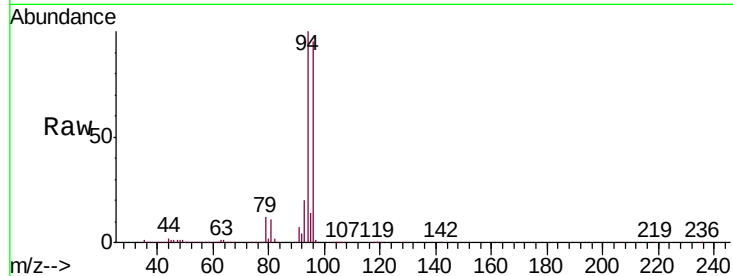
VSTDICC1

Tgt Ion: 94 Resp: 202213

Ion Ratio Lower Upper

94 100

96 95.2 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250000

200000

150000

100000

50000

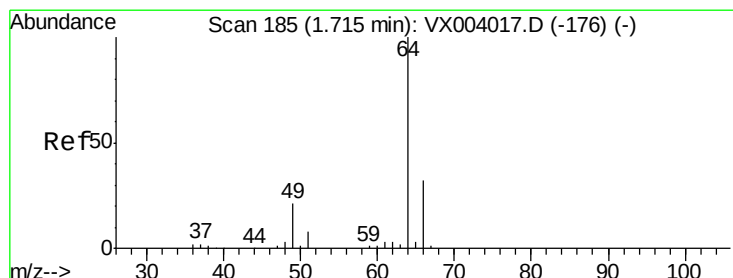
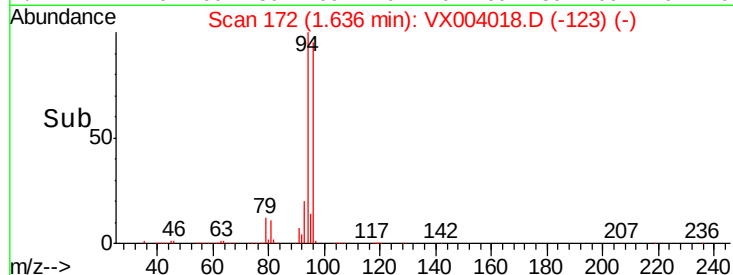
0

1.64

1.60

1.70

Time-->



#6

Chloroethane

Concen: 102.883 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX004018.D

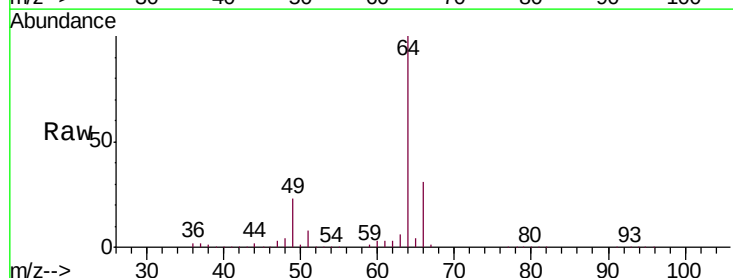
Acq: 14 Aug 2018 01:25

Tgt Ion: 64 Resp: 282318

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

200000

150000

100000

50000

0

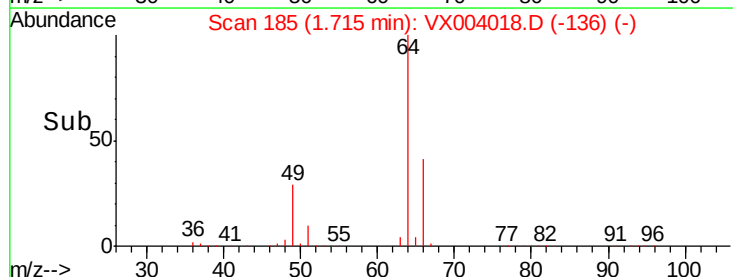
1.71

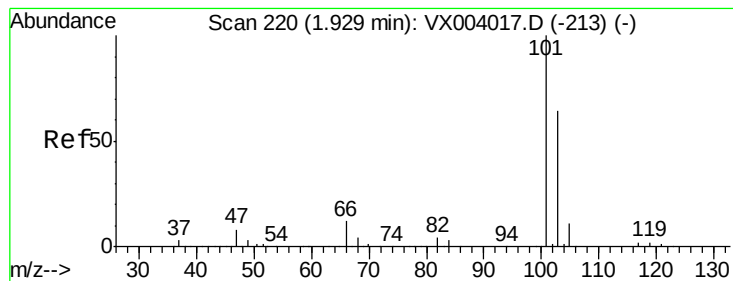
1.60

1.80

1.90

Time-->



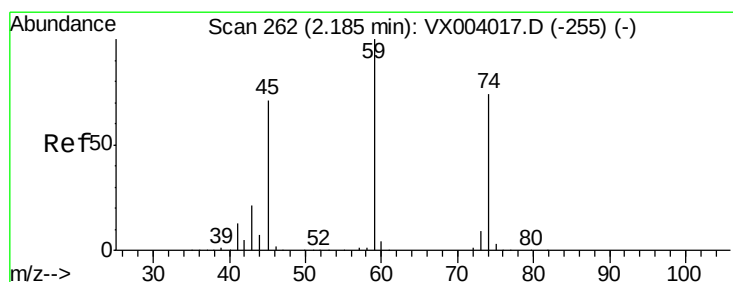
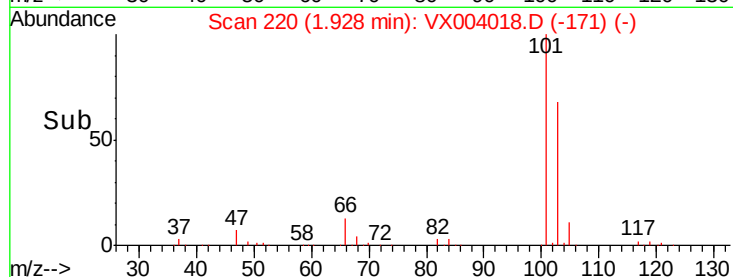
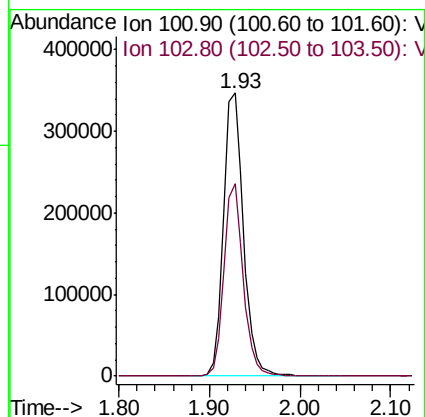
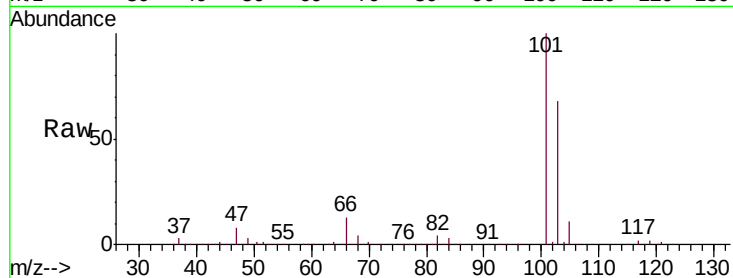


#7

Trichlorofluoromethane
 Concen: 97.511 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC1

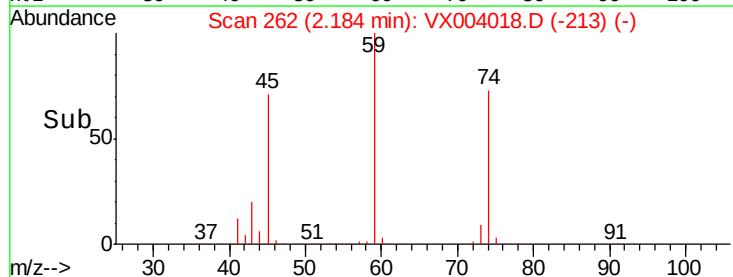
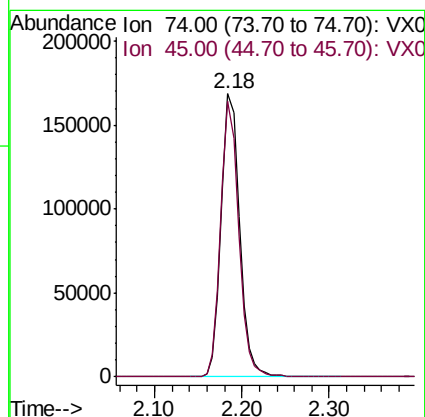
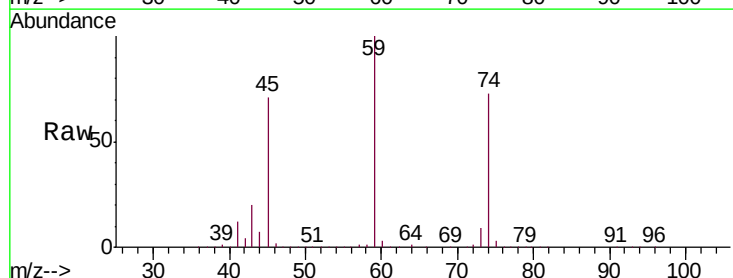
Tgt Ion: 101 Resp: 533228
 Ion Ratio Lower Upper
 101 100
 103 67.9 51.3 76.9

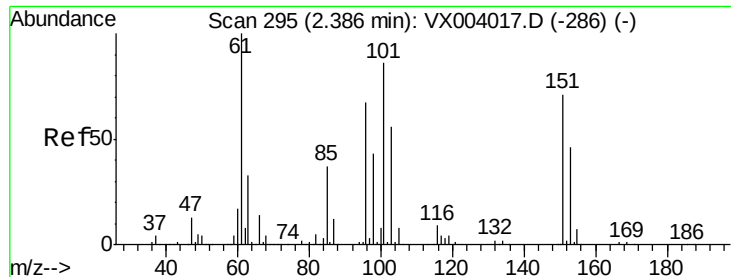


#8

Diethyl Ether
 Concen: 95.230 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Tgt Ion: 74 Resp: 246149
 Ion Ratio Lower Upper
 74 100
 45 94.8 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.884 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC1

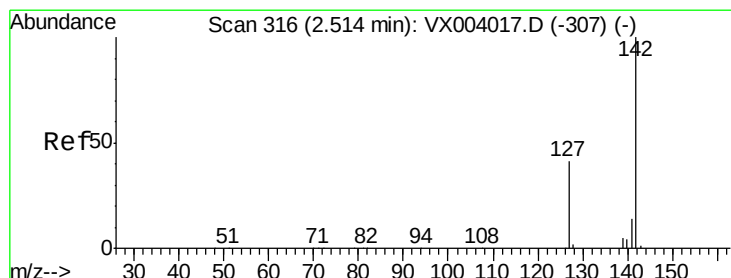
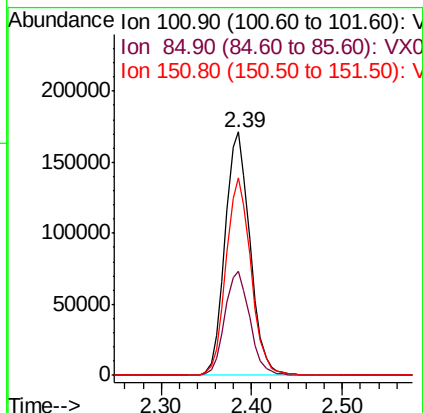
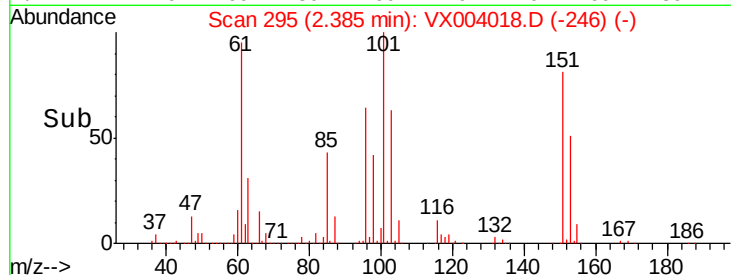
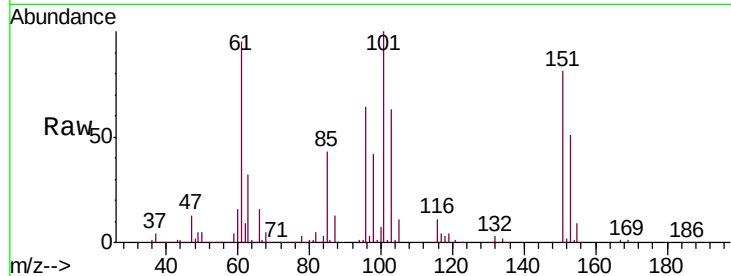
Tgt Ion:101 Resp: 328731

Ion Ratio Lower Upper

101 100

85 42.8 34.0 51.0

151 80.9 65.0 97.6



#10

Methyl Iodide

Concen: 94.131 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

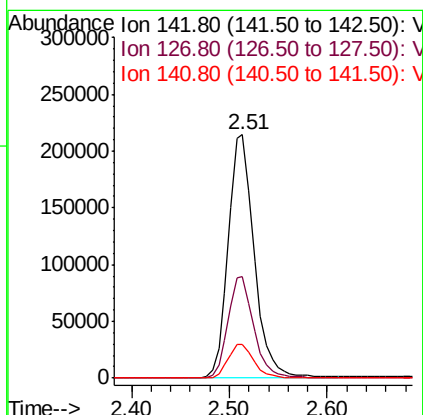
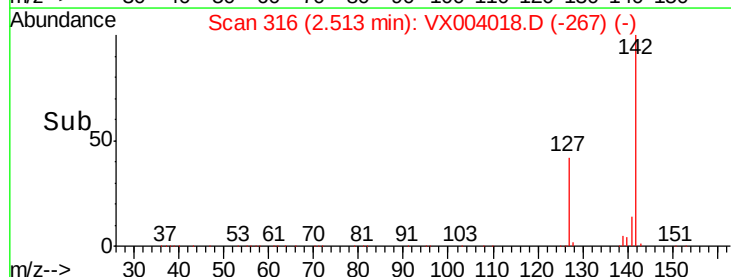
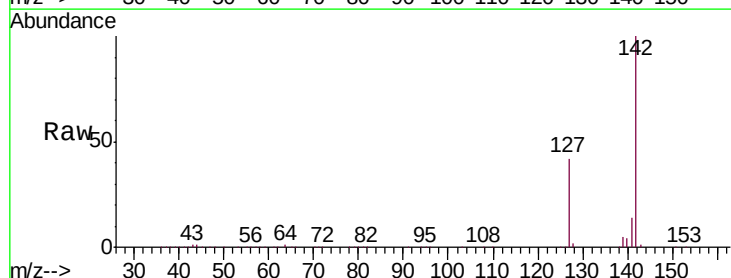
Tgt Ion:142 Resp: 397584

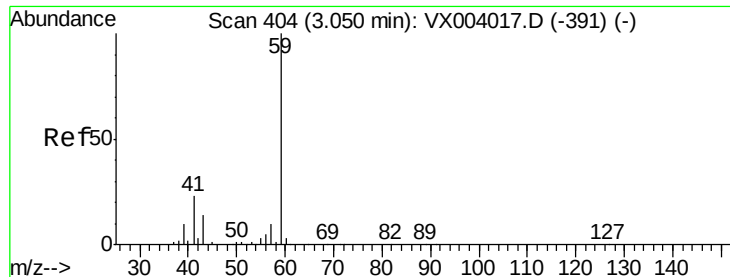
Ion Ratio Lower Upper

142 100

127 41.5 33.5 50.3

141 14.2 11.0 16.6

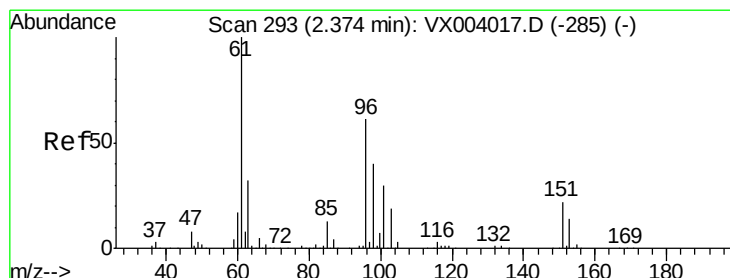
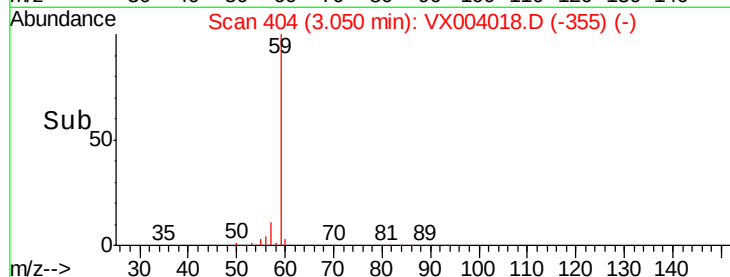
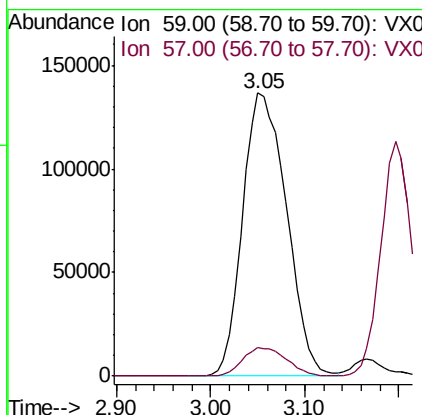
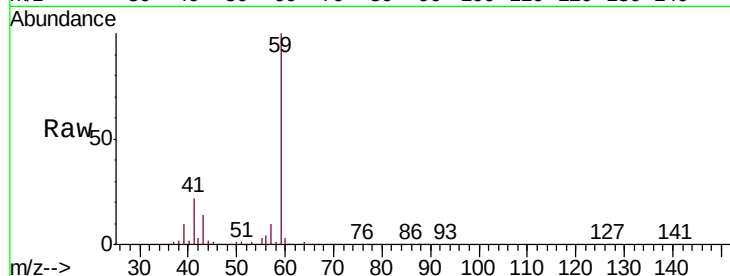




#11
Tert butyl alcohol
Concen: 442.462 ug/l
RT: 3.05 min Scan# 404
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

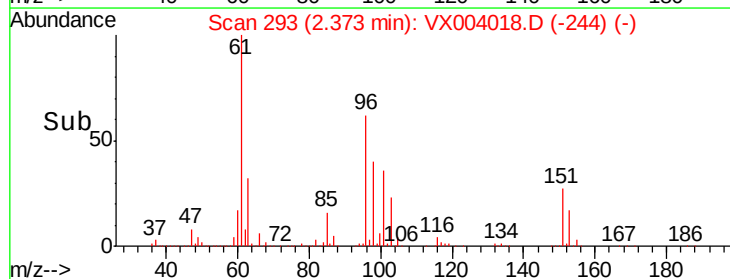
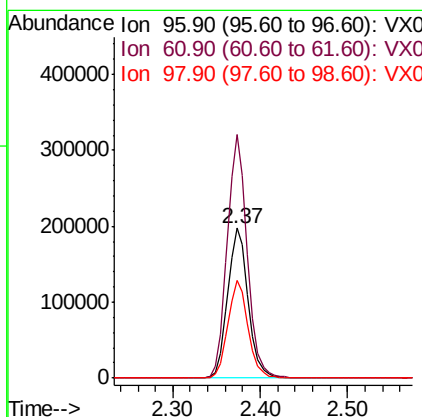
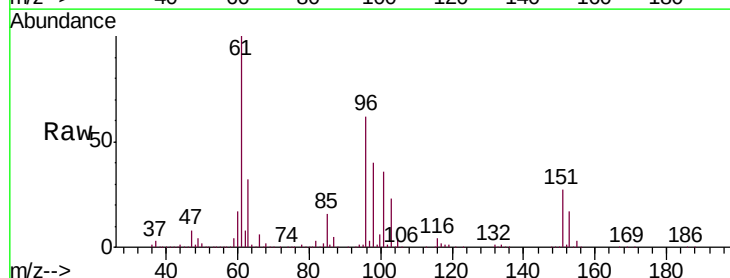
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC1

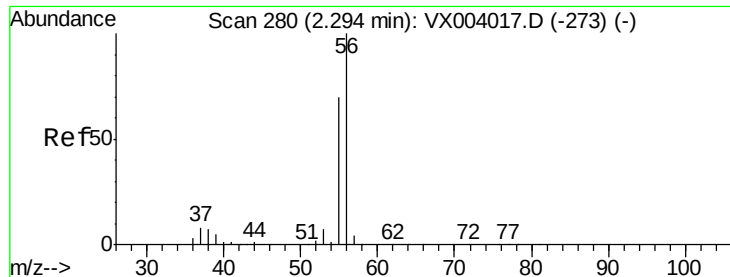
Tgt Ion: 59 Resp: 445324
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 97.194 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Tgt Ion: 96 Resp: 319531
Ion Ratio Lower Upper
96 100
61 162.5 131.2 196.8
98 65.1 52.0 78.0





#13

Acrolein

Concen: 524.450 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

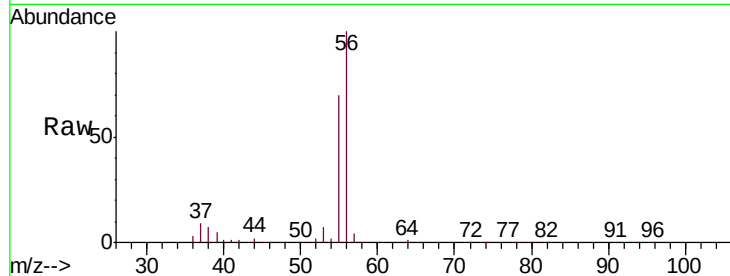
VSTDIC1

Tgt Ion: 56 Resp: 308776

Ion Ratio Lower Upper

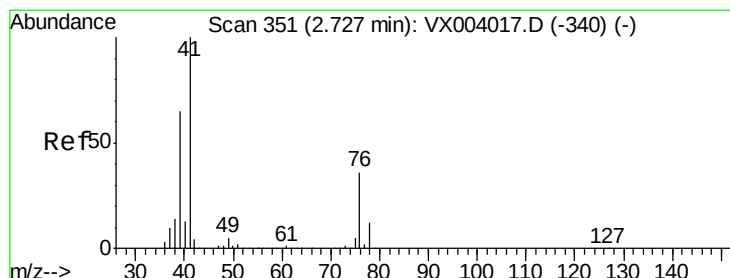
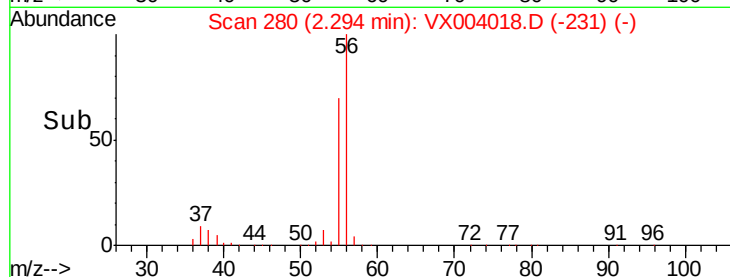
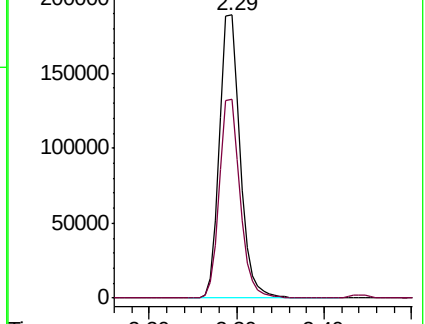
56 100

55 70.2 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 93.613 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

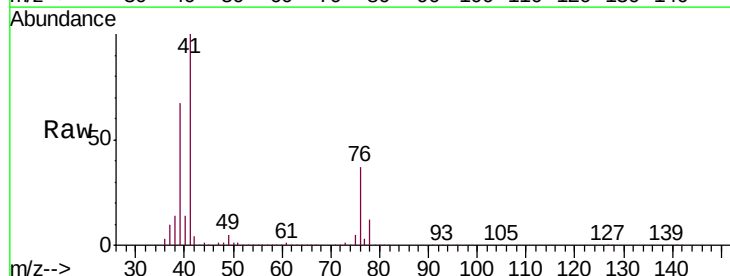
Tgt Ion: 41 Resp: 600278

Ion Ratio Lower Upper

41 100

39 61.7 48.8 73.2

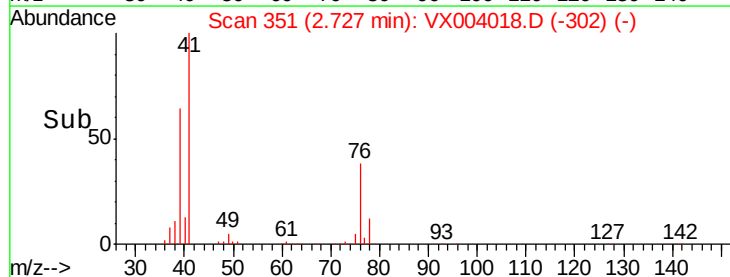
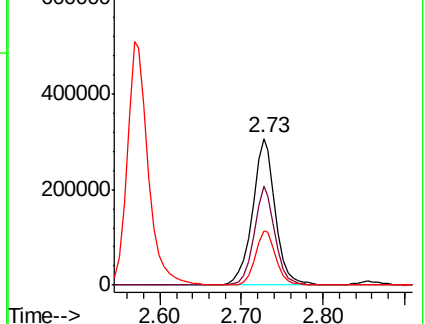
76 33.9 25.9 38.9

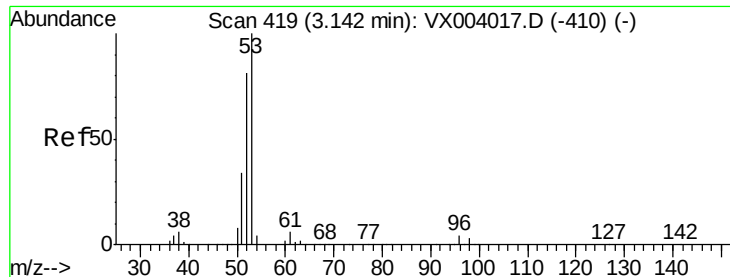


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 450.351 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC1

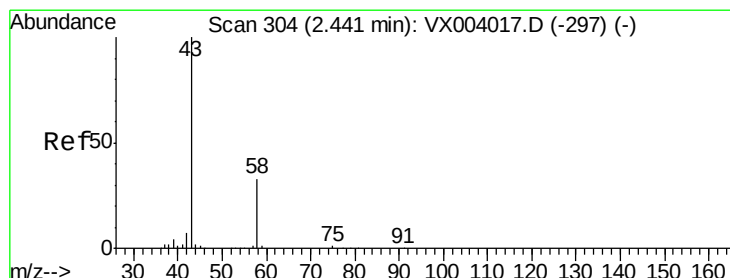
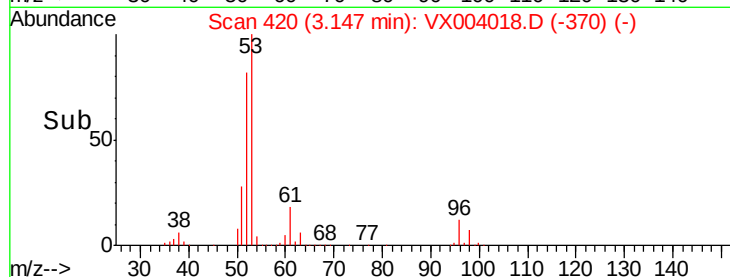
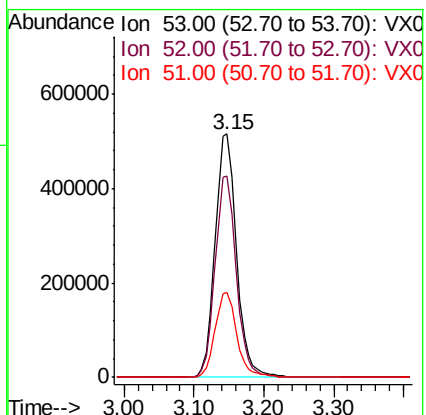
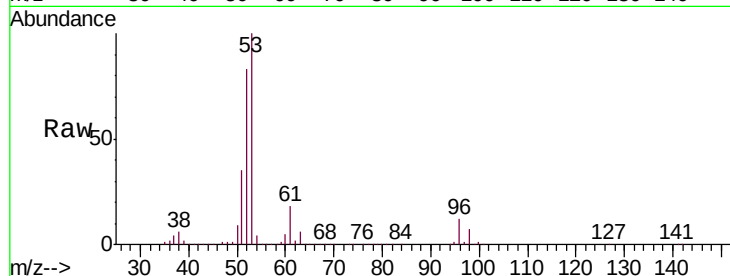
Tgt Ion: 53 Resp: 1095171

Ion Ratio Lower Upper

53 100

52 82.3 65.0 97.6

51 35.3 28.2 42.2



#16

Acetone

Concen: 436.413 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004018.D

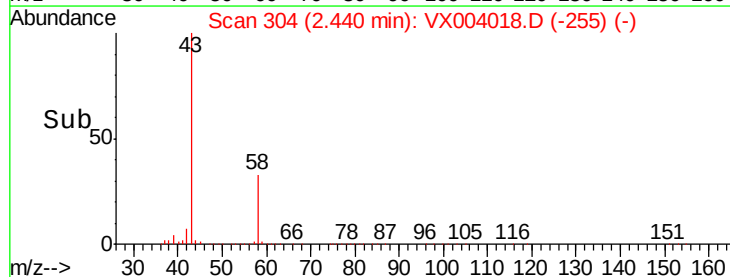
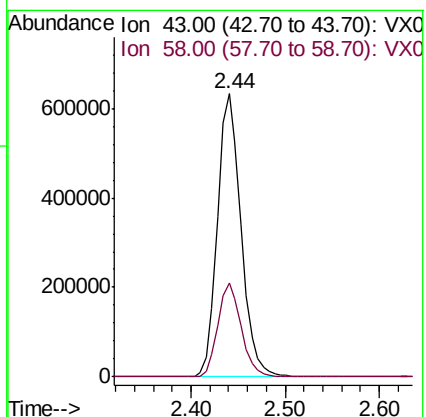
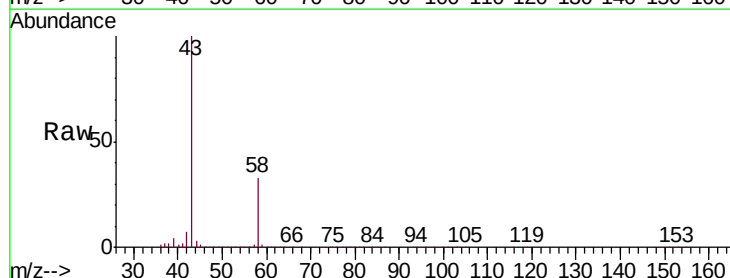
Acq: 14 Aug 2018 01:25

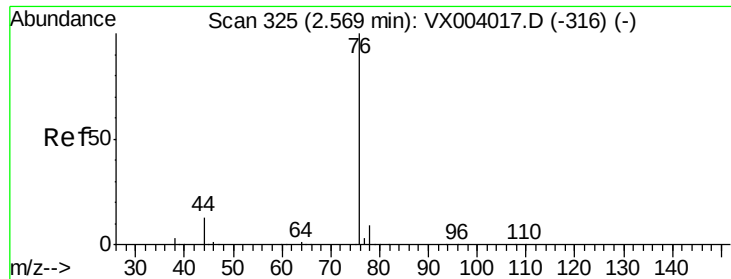
Tgt Ion: 43 Resp: 1090764

Ion Ratio Lower Upper

43 100

58 33.3 26.3 39.5





#17

Carbon Disulfide

Concen: 91.960 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

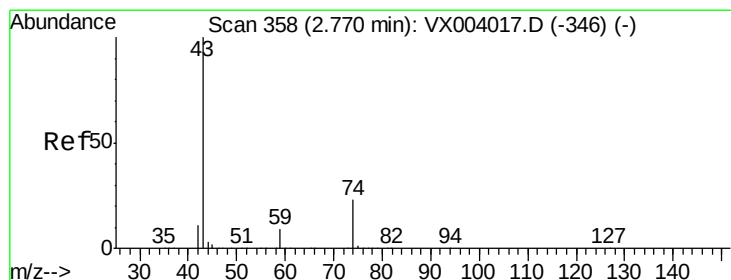
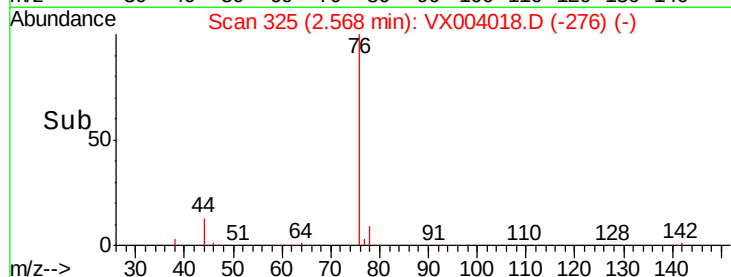
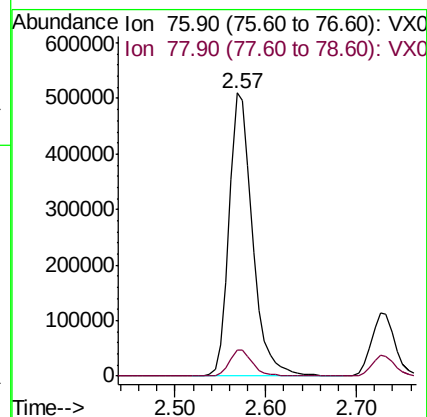
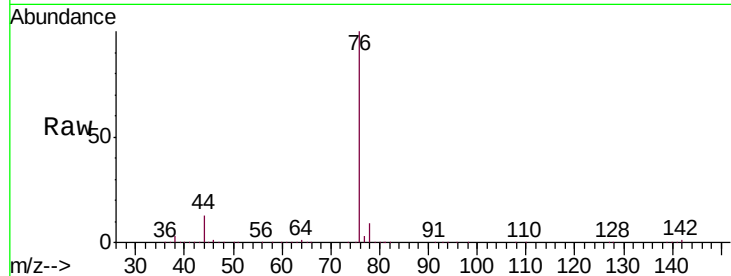
VSTDICC1

Tgt Ion: 76 Resp: 917567

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 90.571 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.00 min

Lab File: VX004018.D

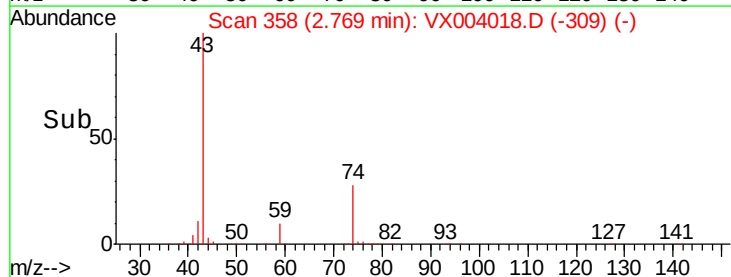
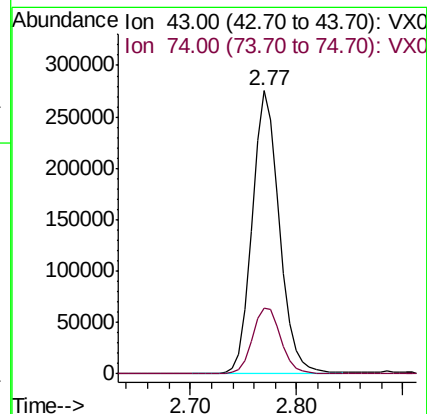
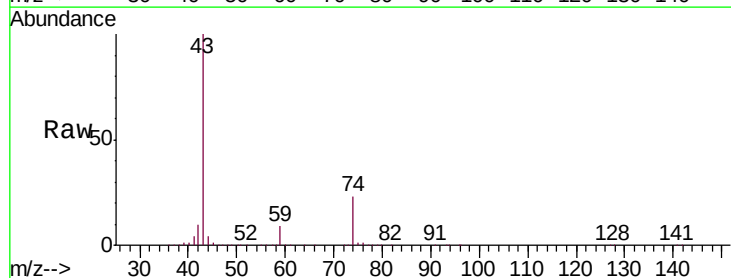
Acq: 14 Aug 2018 01:25

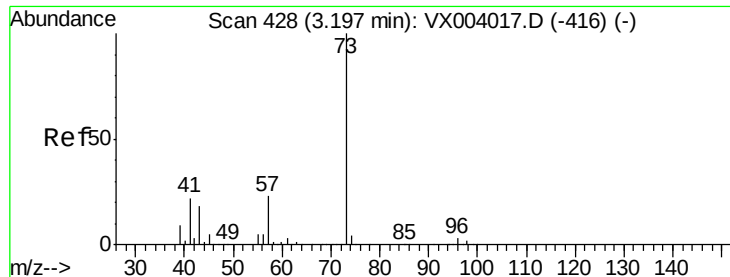
Tgt Ion: 43 Resp: 492684

Ion Ratio Lower Upper

43 100

74 24.8 19.7 29.5

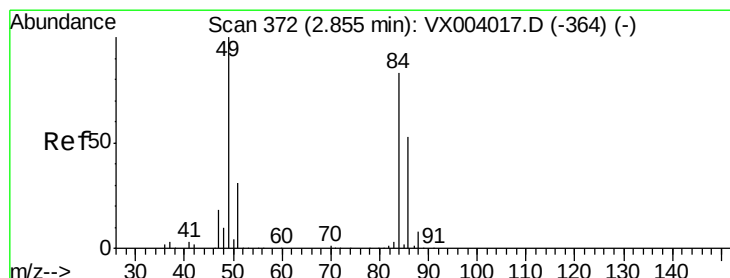
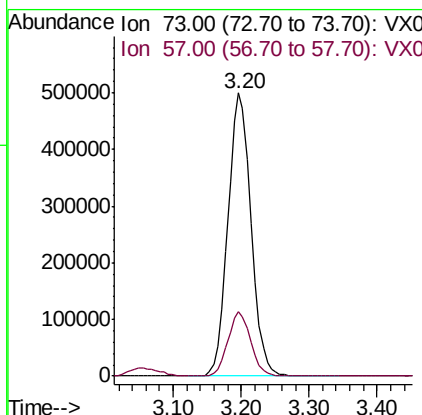
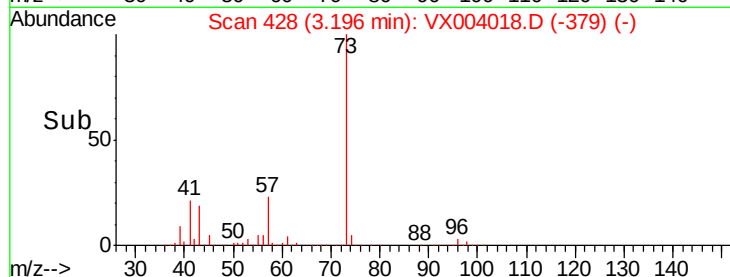
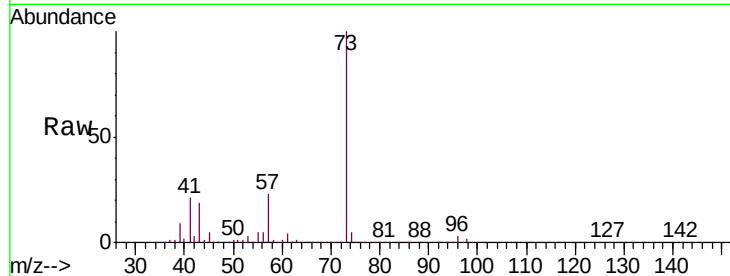




#19
Methyl tert-butyl Ether
Concen: 96.511 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

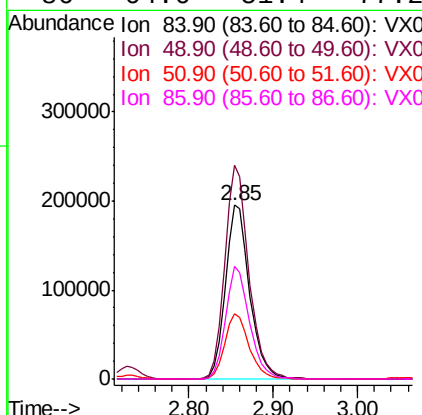
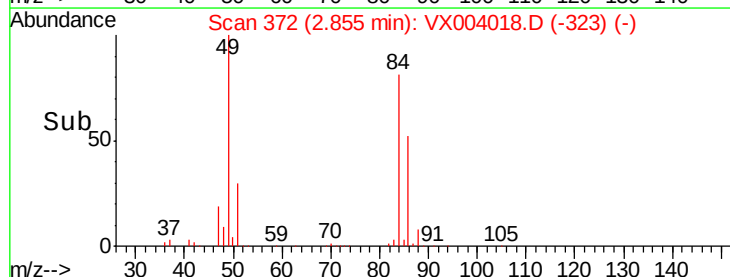
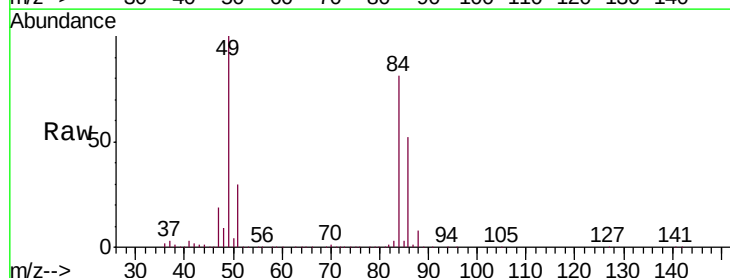
Instrument :
MSVOA_X
ClientSampled :
VSTDICC1

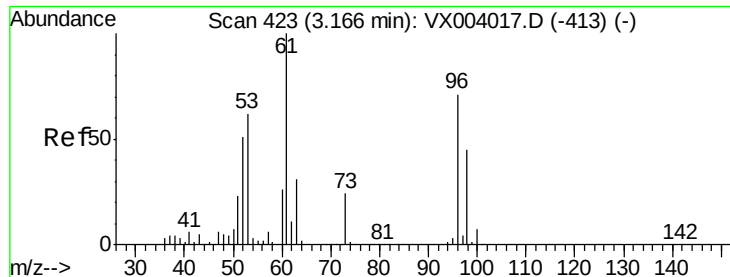
Tgt Ion: 73 Resp: 1170872
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.2



#20
Methylene Chloride
Concen: 63.858 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Tgt Ion: 84 Resp: 383215
Ion Ratio Lower Upper
84 100
49 123.0 96.9 145.3
51 37.4 30.2 45.2
86 64.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 94.778 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC1

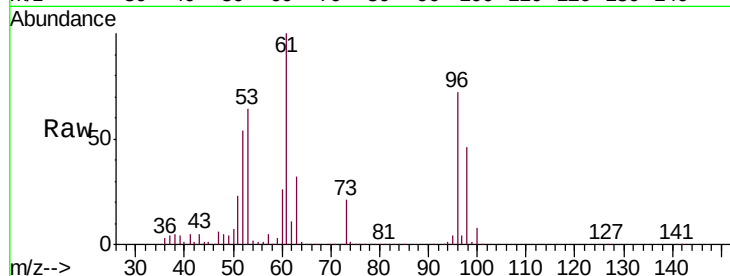
Tgt Ion: 96 Resp: 360884

Ion Ratio Lower Upper

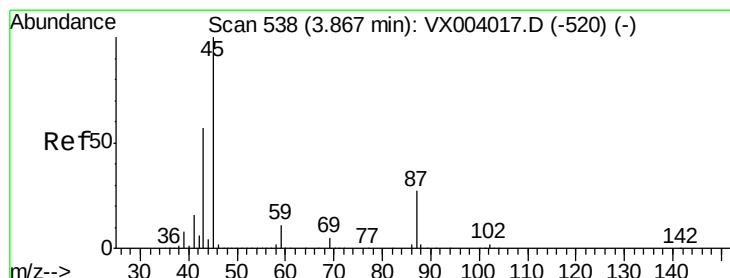
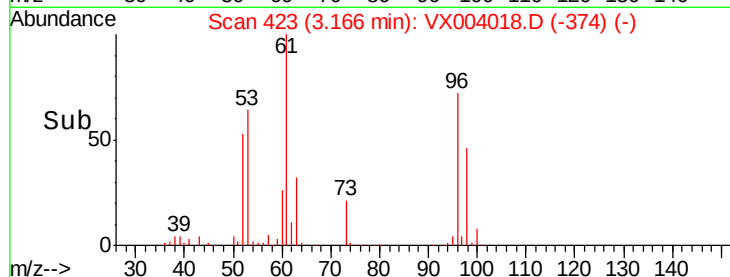
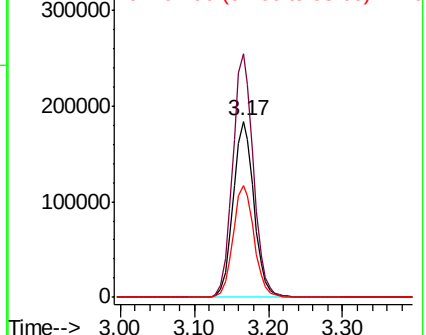
96 100

61 138.2 112.3 168.5

98 63.6 50.1 75.1



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



#22

Diisopropyl ether

Concen: 105.197 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Tgt Ion: 45 Resp: 1290146

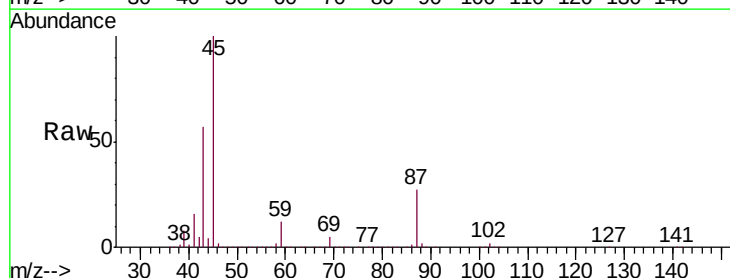
Ion Ratio Lower Upper

45 100

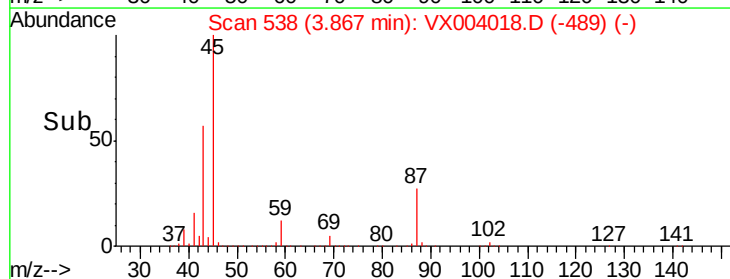
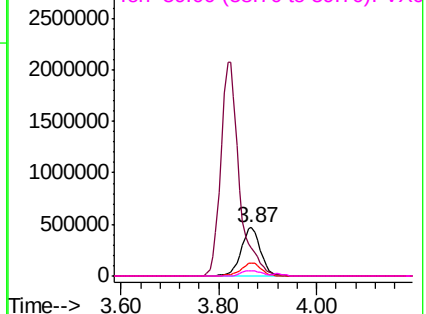
43 57.0 45.6 68.4

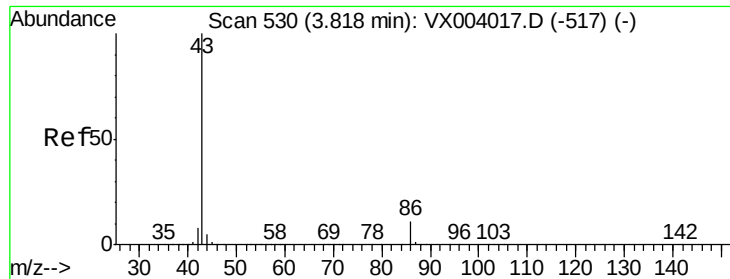
87 27.1 21.4 32.0

59 11.7 9.0 13.4



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





#23

Vinyl Acetate

Concen: 529.382 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

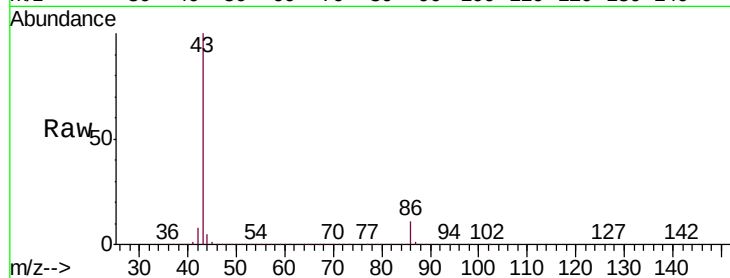
VSTDICC1

Tgt Ion: 43 Resp: 5423948

Ion Ratio Lower Upper

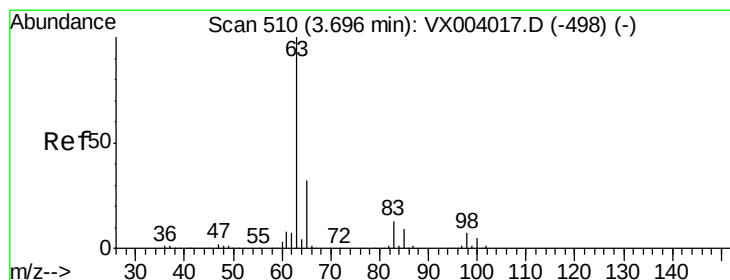
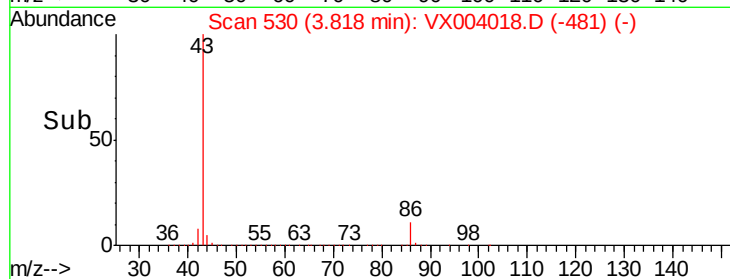
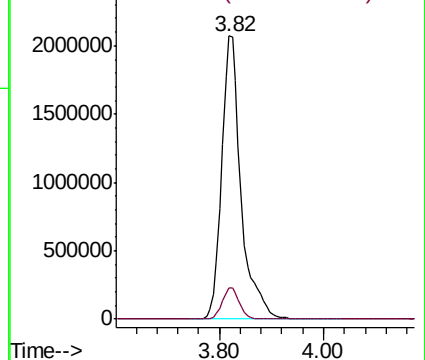
43 100

86 10.9 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 98.505 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

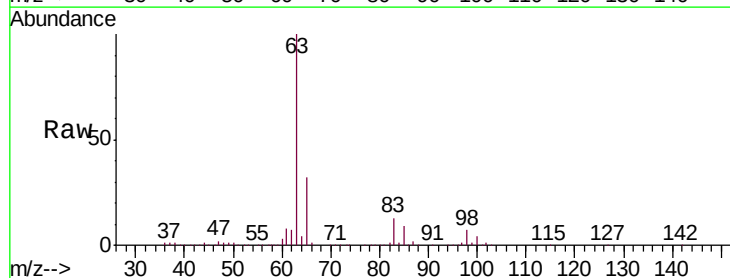
Tgt Ion: 63 Resp: 701826

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

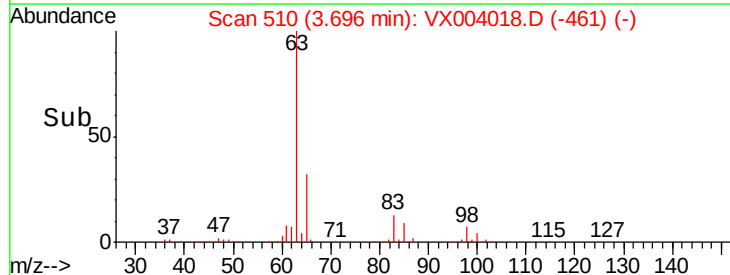
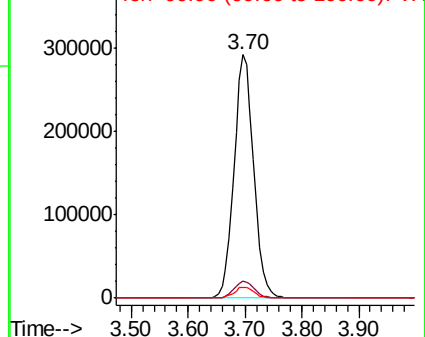
100 4.4 2.3 6.9

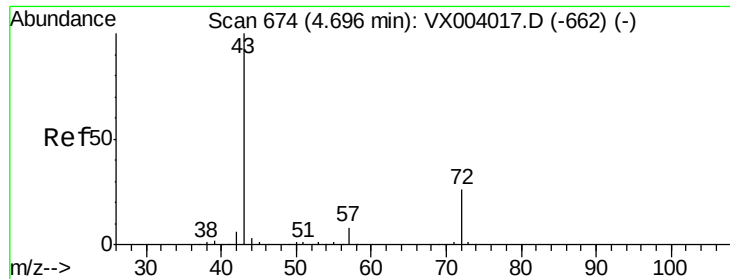


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 476.192 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

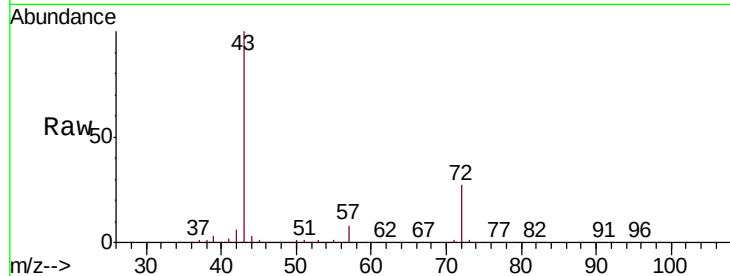
VSTDICC1

Tgt Ion: 43 Resp: 1808679

Ion Ratio Lower Upper

43 100

72 27.3 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

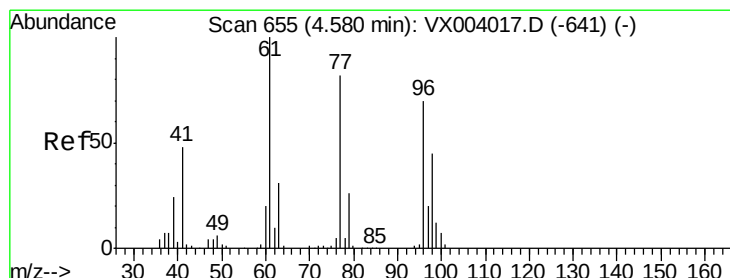
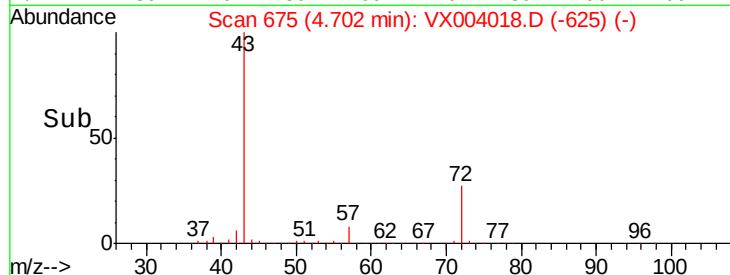
600000

400000

200000

0

Time-->



#26

2,2-Dichloropropane

Concen: 81.743 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004018.D

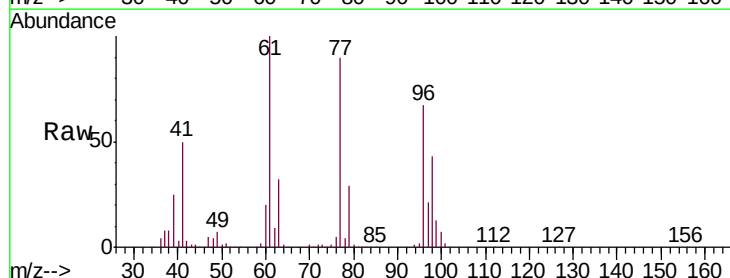
Acq: 14 Aug 2018 01:25

Tgt Ion: 77 Resp: 400848

Ion Ratio Lower Upper

77 100

97 24.2 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

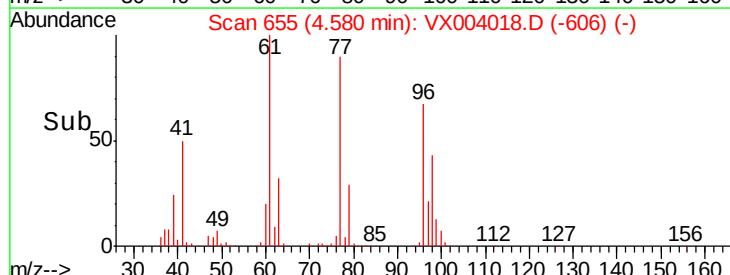
150000

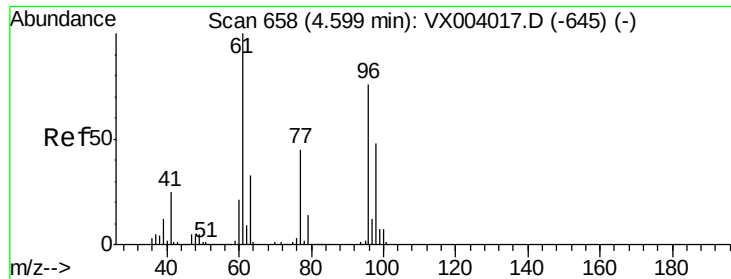
100000

50000

0

Time-->



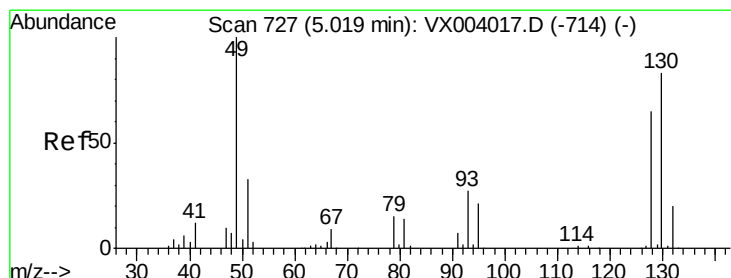
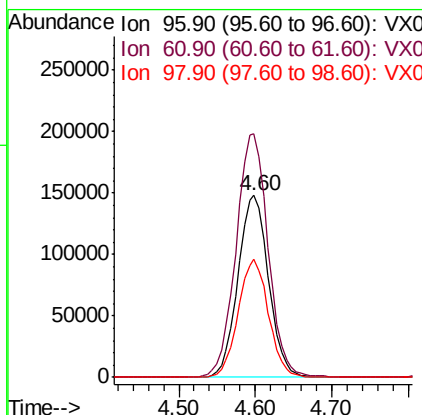
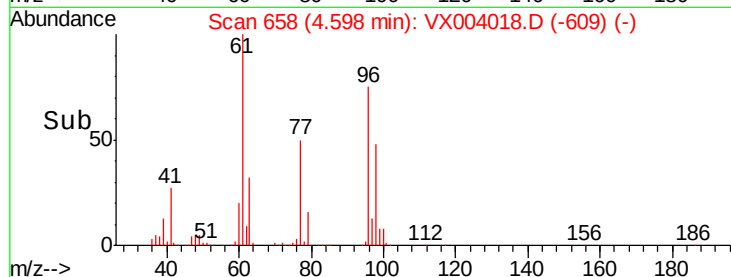
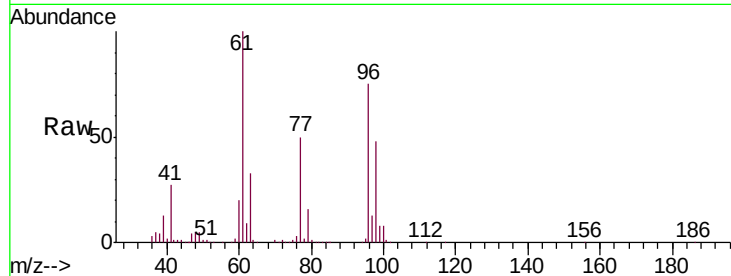


#27

cis-1,2-Dichloroethene
 Concen: 97.851 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC1

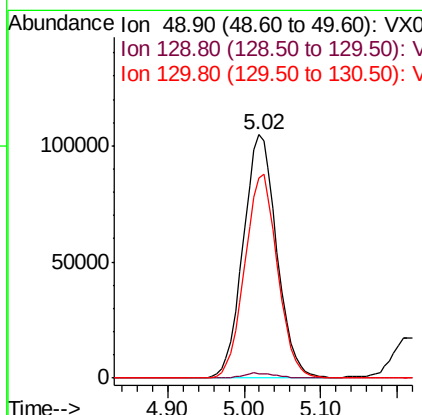
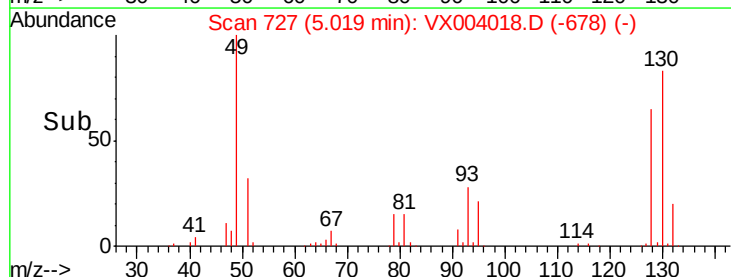
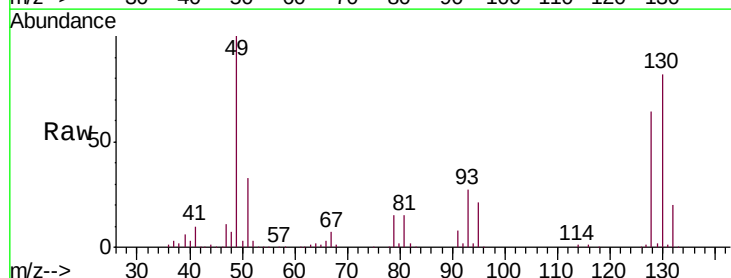
Tgt Ion: 96 Resp: 410826
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 281.8
 98 64.4 0.0 128.4

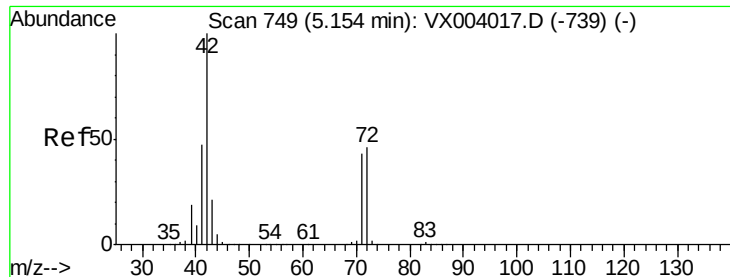


#28

Bromochloromethane
 Concen: 102.377 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Tgt Ion: 49 Resp: 319852
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 82.1 65.8 98.8





#29

Tetrahydrofuran

Concen: 483.573 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC1

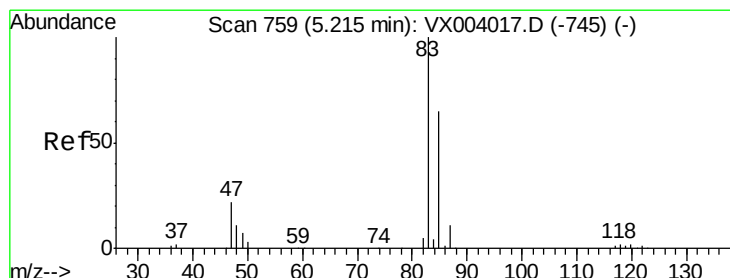
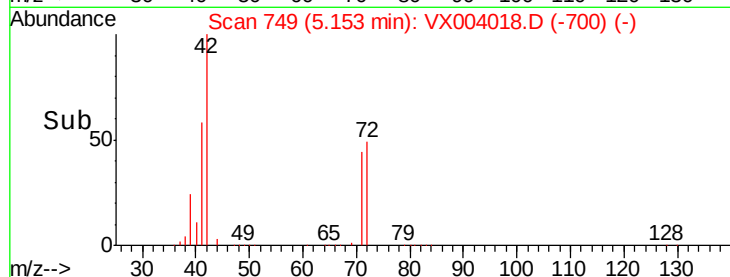
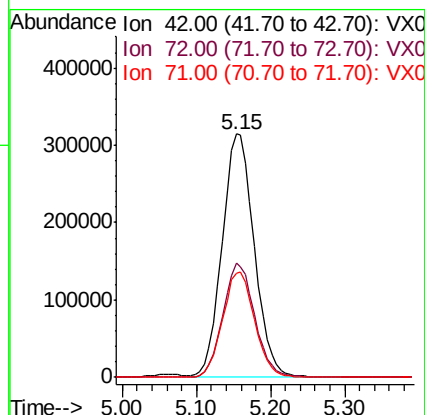
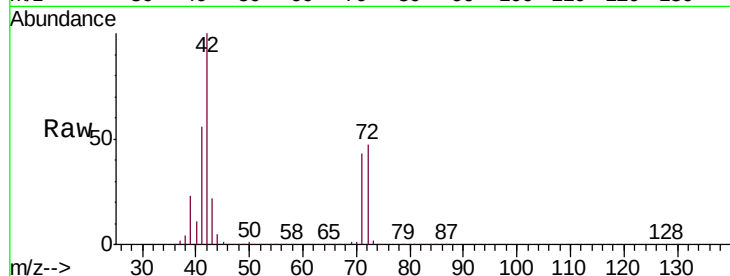
Tgt Ion: 42 Resp: 941627

Ion Ratio Lower Upper

42 100

72 46.8 37.2 55.8

71 43.3 34.6 51.8



#30

Chloroform

Concen: 100.608 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004018.D

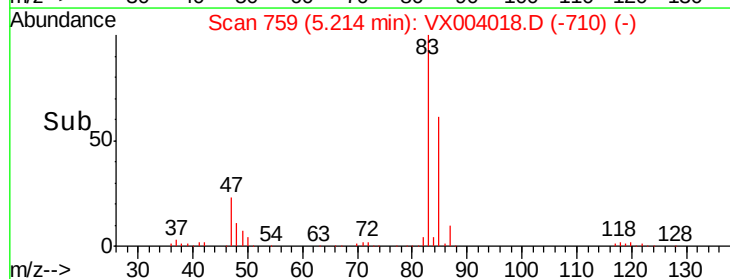
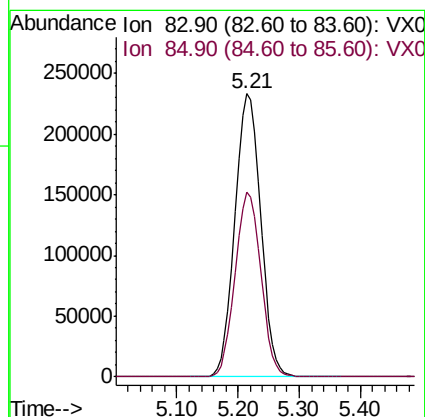
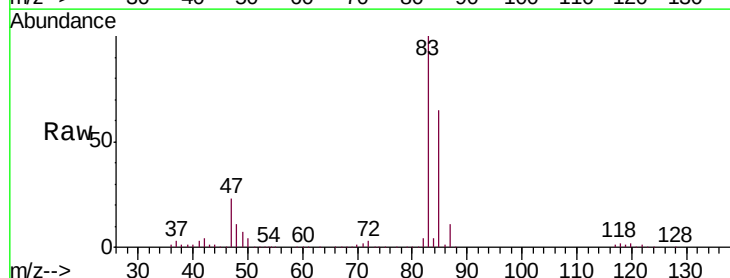
Acq: 14 Aug 2018 01:25

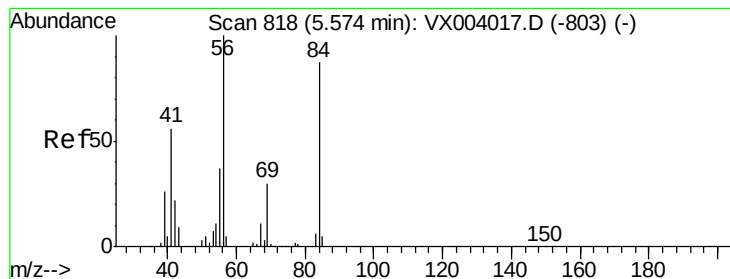
Tgt Ion: 83 Resp: 678738

Ion Ratio Lower Upper

83 100

85 65.4 51.8 77.6





#31

Cyclohexane

Concen: 103.639 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC1

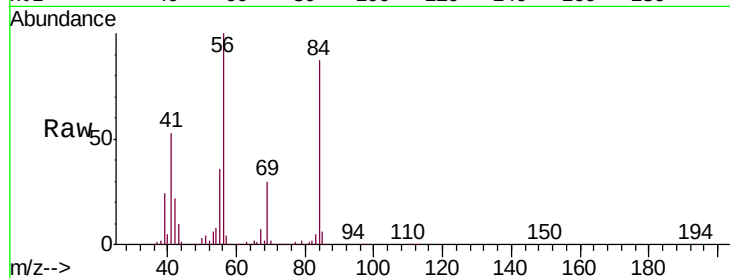
Tgt Ion: 56 Resp: 590373

Ion Ratio Lower Upper

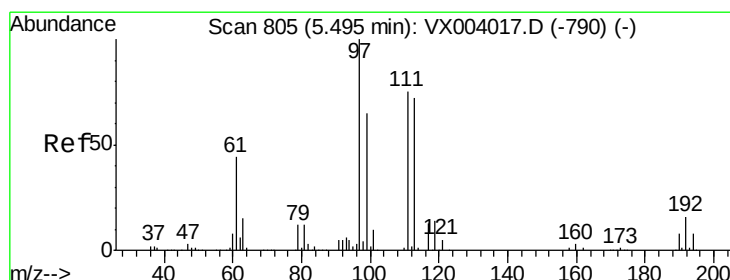
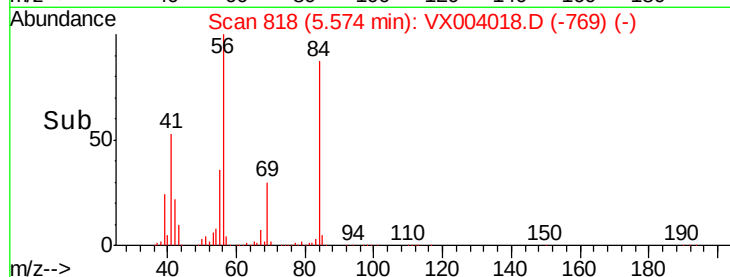
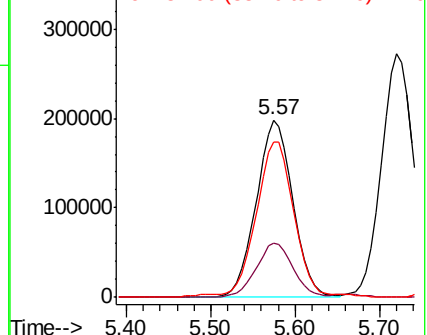
56 100

69 30.3 23.7 35.5

84 86.3 69.8 104.6



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: 105.470 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

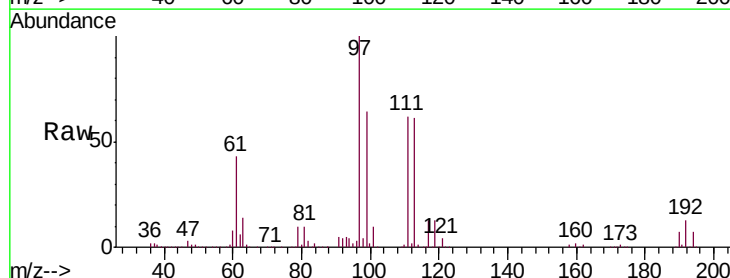
Tgt Ion: 97 Resp: 583285

Ion Ratio Lower Upper

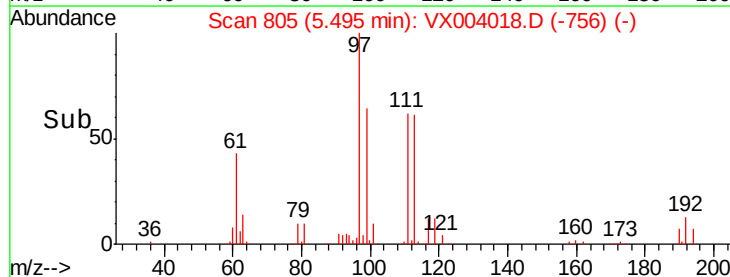
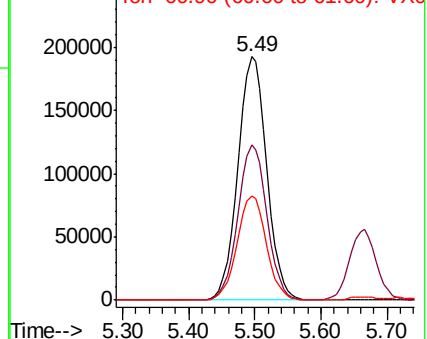
97 100

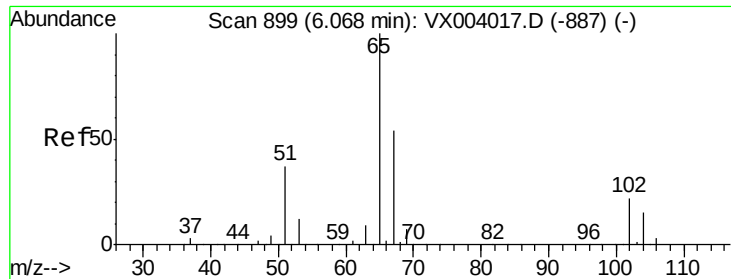
99 64.1 52.0 78.0

61 43.4 35.8 53.6



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

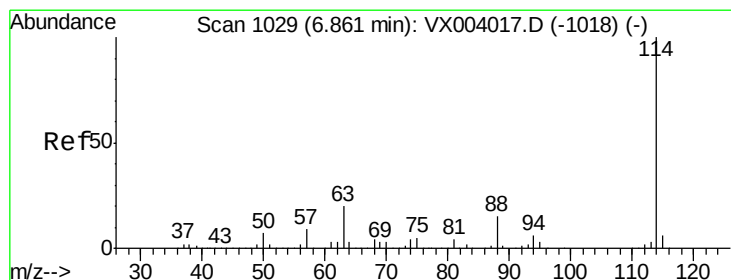
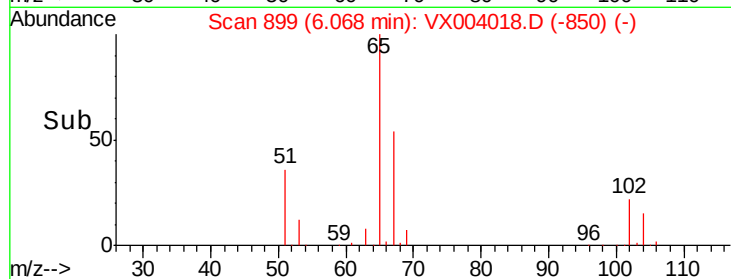
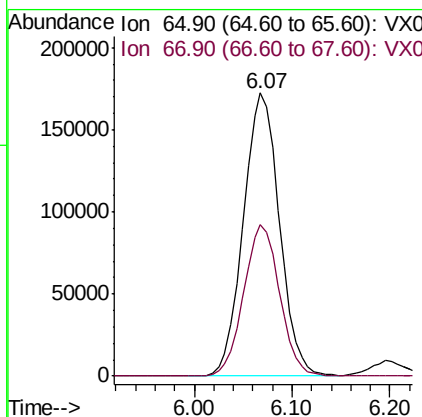
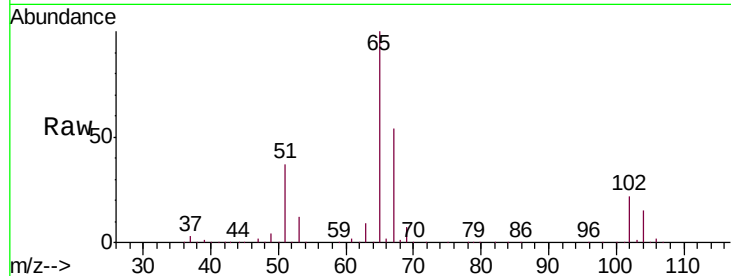




#33
 1,2-Dichloroethane-d4
 Concen: 102.797 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

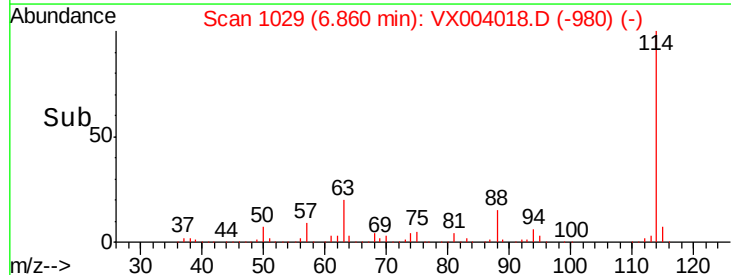
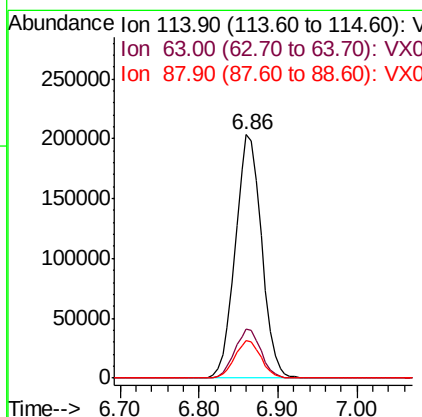
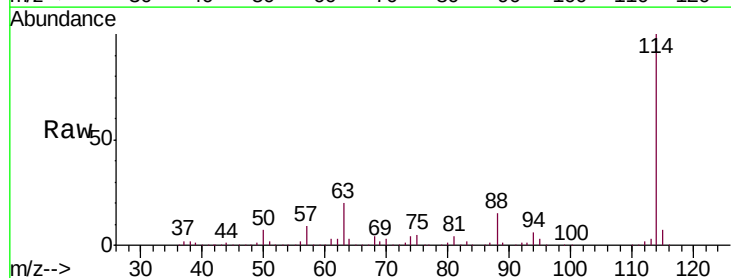
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC1

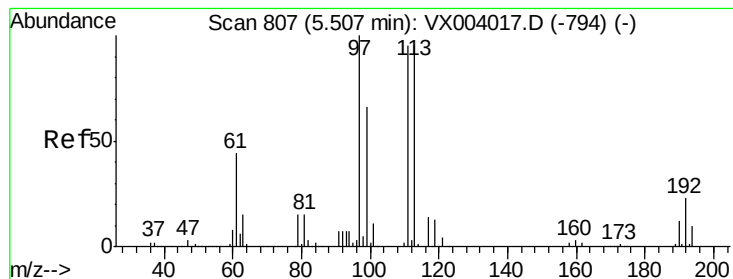
Tgt Ion: 65 Resp: 443289
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Tgt Ion: 114 Resp: 470756
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.4
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 102.530 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC1

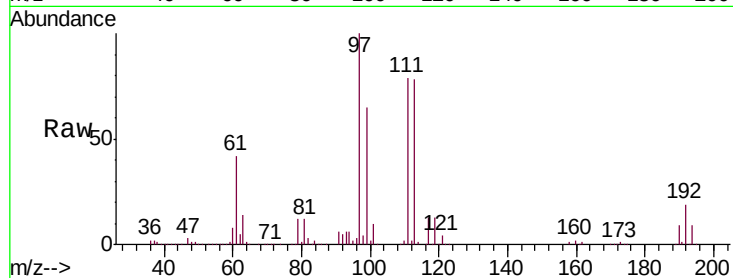
Tgt Ion:113 Resp: 369961

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

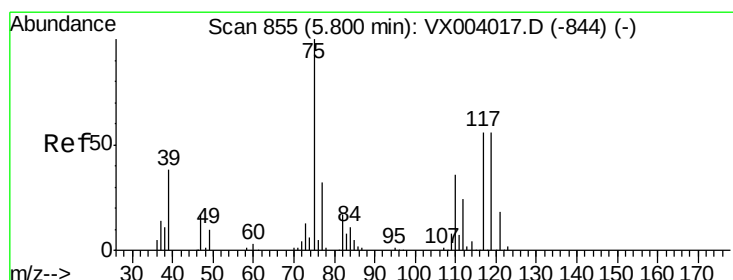
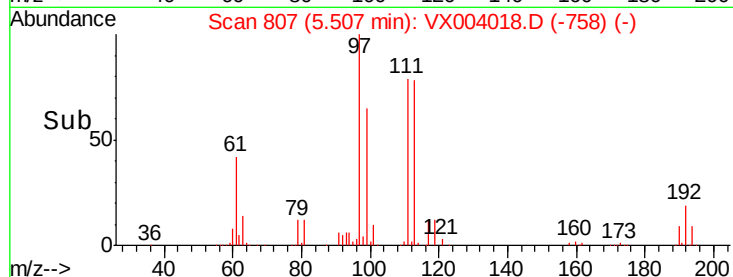
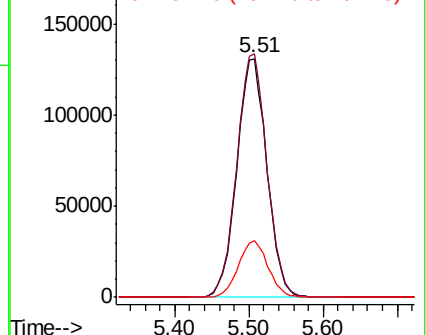
192 23.6 19.0 28.6



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: 99.907 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

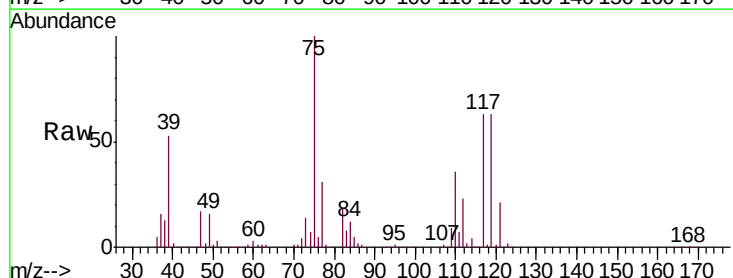
Tgt Ion: 75 Resp: 516162

Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.3

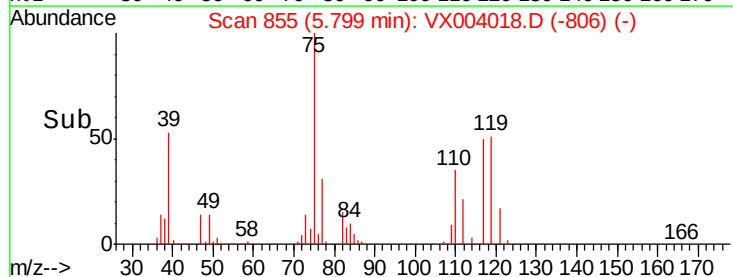
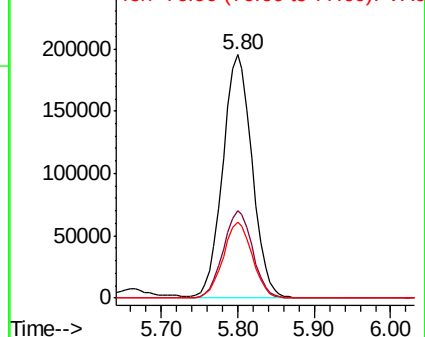
77 30.9 24.6 37.0

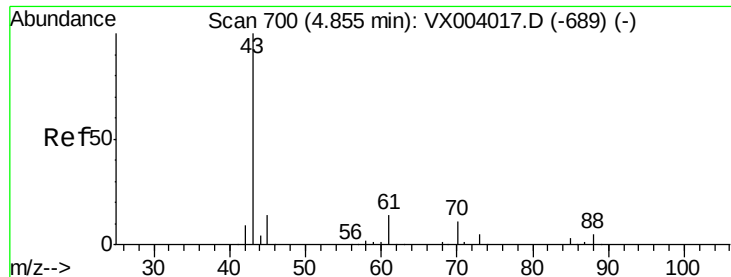


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 95.885 ug/l

RT: 4.86 min Scan# 701

Delta R.T. 0.01 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC1

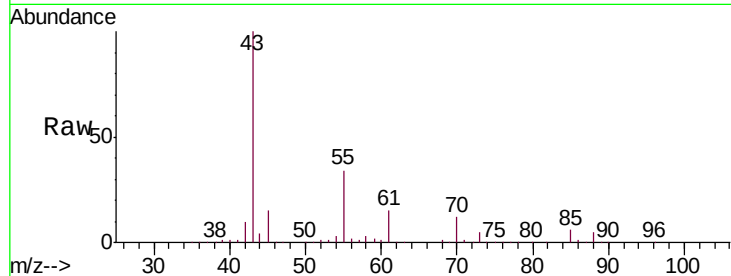
Tgt Ion: 43 Resp: 564094

Ion Ratio Lower Upper

43 100

61 14.4 11.8 17.8

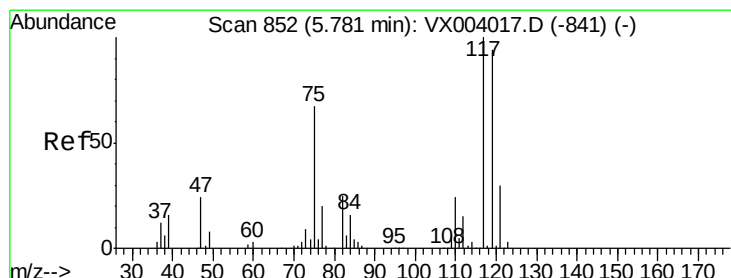
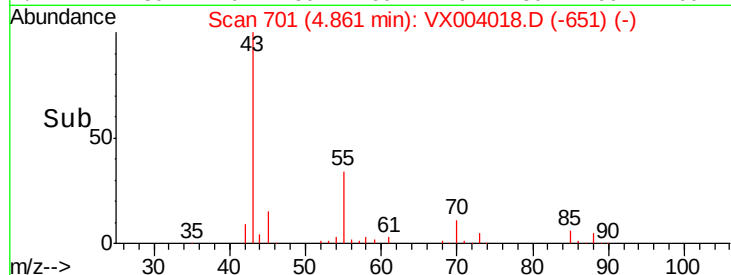
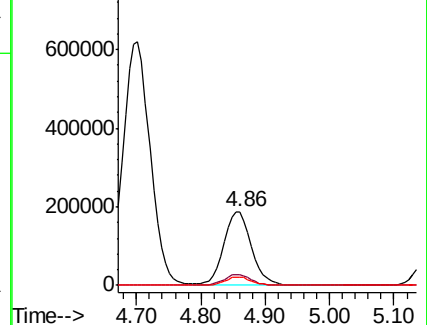
70 11.3 8.9 13.3



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: 103.886 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

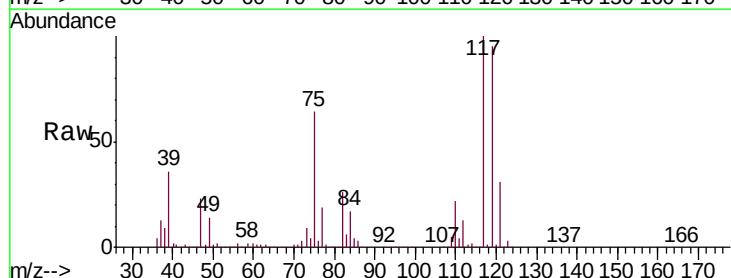
Tgt Ion: 117 Resp: 508708

Ion Ratio Lower Upper

117 100

119 95.1 74.8 112.2

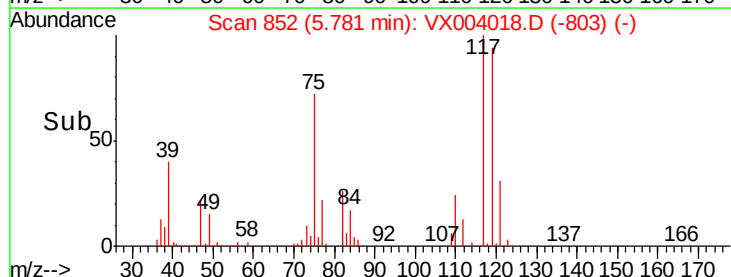
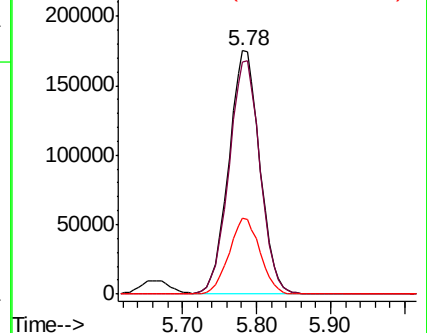
121 31.3 24.1 36.1

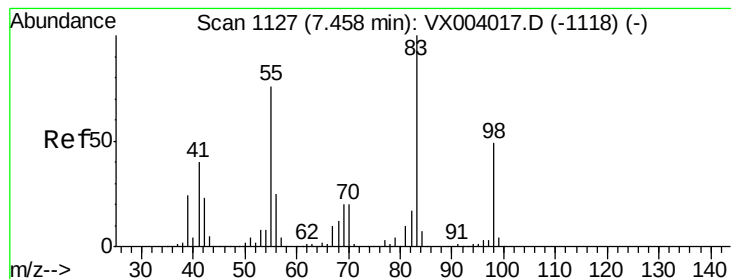


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 103.907 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC1

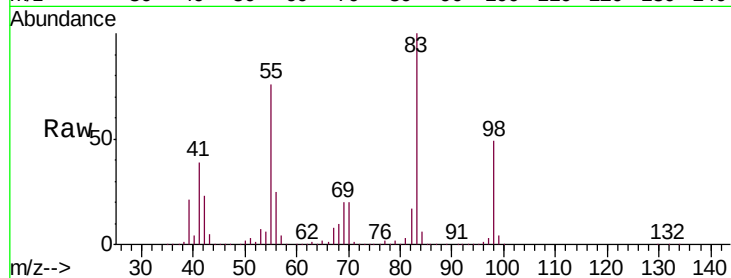
Tgt Ion: 83 Resp: 610475

Ion Ratio Lower Upper

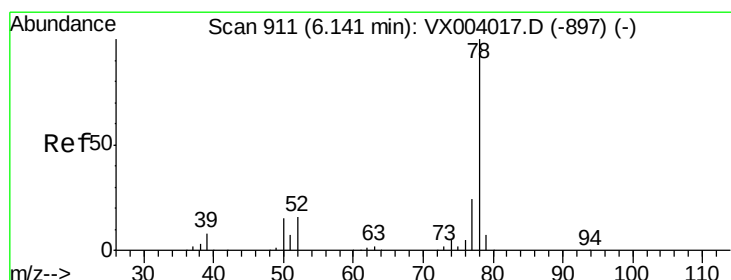
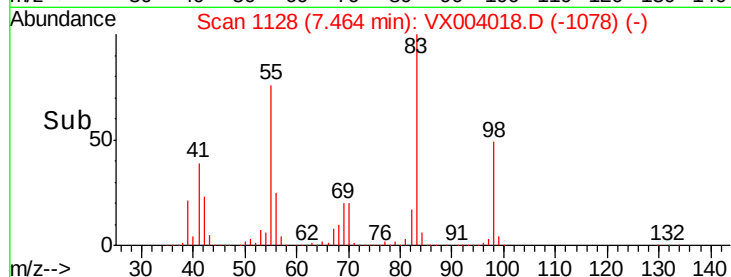
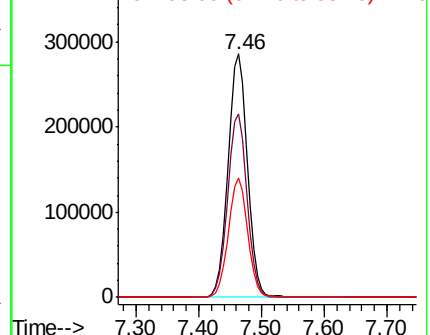
83 100

55 75.5 60.8 91.2

98 49.1 39.0 58.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 100.328 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX004018.D

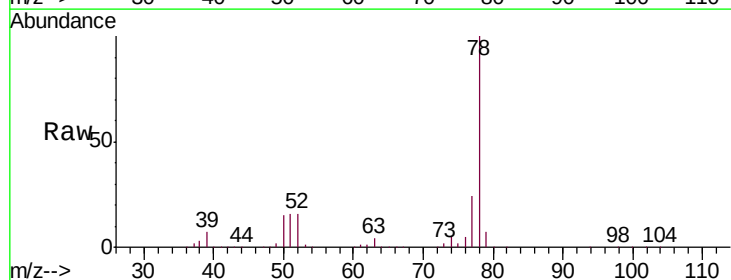
Acq: 14 Aug 2018 01:25

Tgt Ion: 78 Resp: 1594772

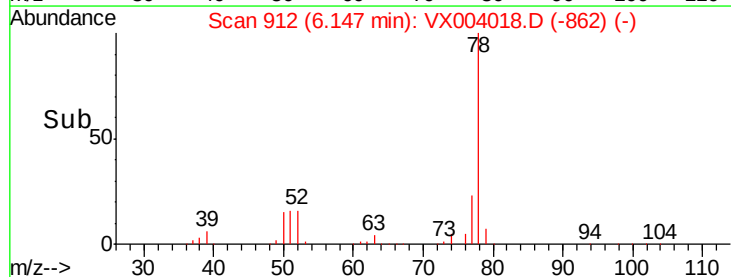
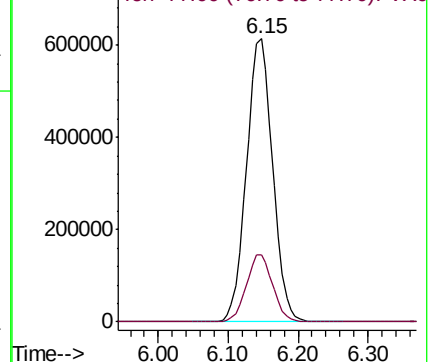
Ion Ratio Lower Upper

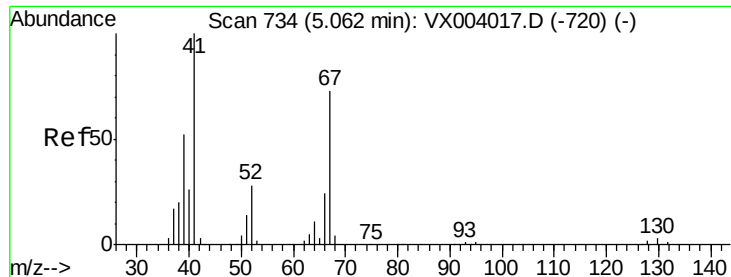
78 100

77 23.7 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

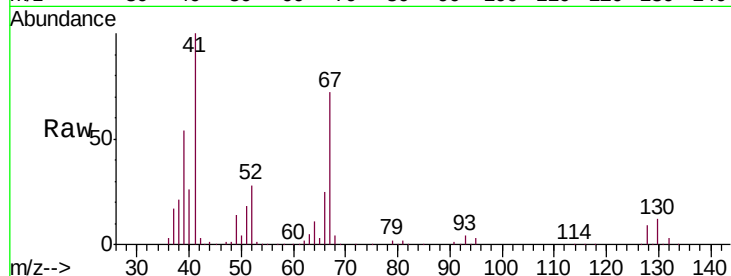




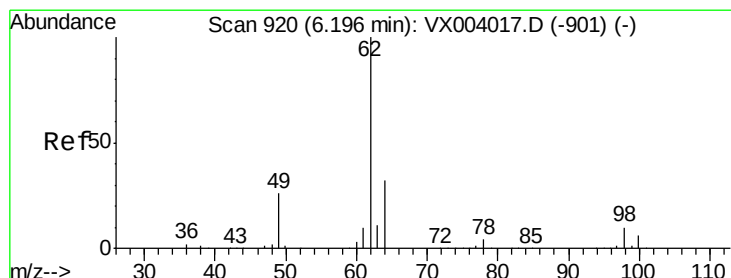
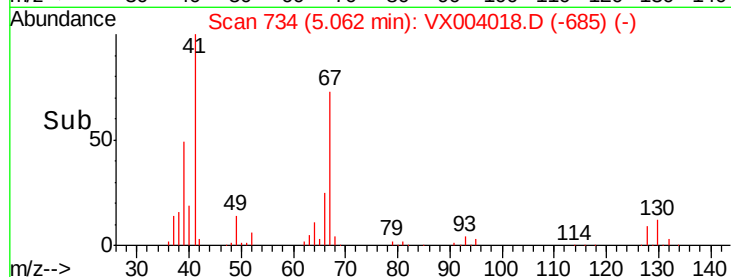
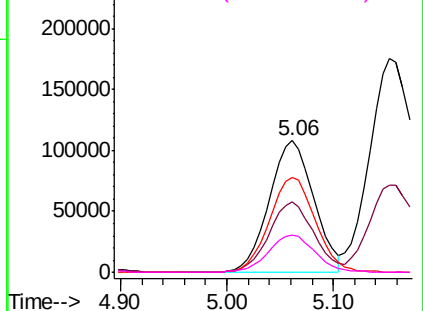
#41
Methacrylonitrile
Concen: 96.676 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Instrument :
MSVOA_X
ClientSampled :
VSTDIC1

Tgt Ion:	41	Resp:	312733
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.3	63.5
67	74.5	58.9	88.3
52	29.9	24.2	36.2

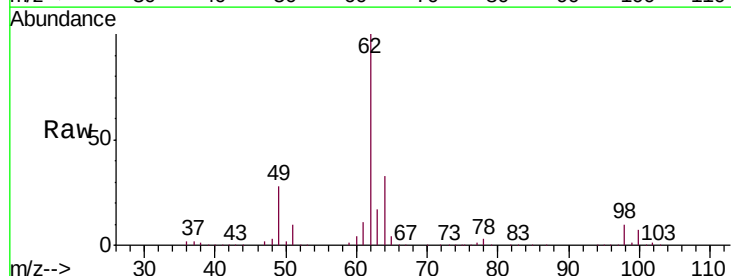


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

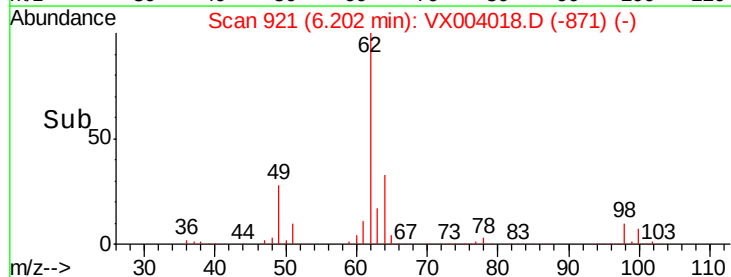
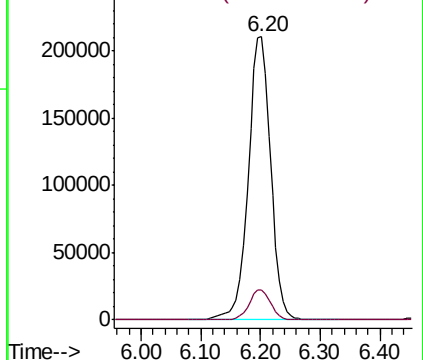


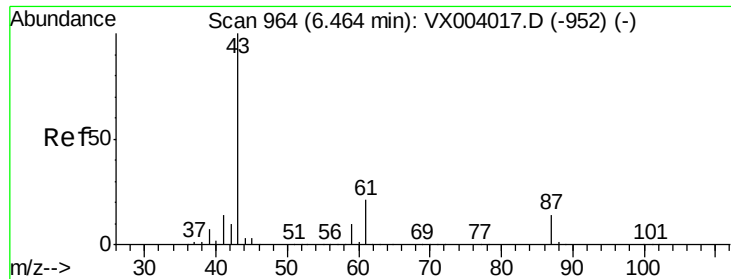
#42
1,2-Dichloroethane
Concen: 100.374 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.01 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Tgt Ion:	62	Resp:	547447
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 102.491 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC1

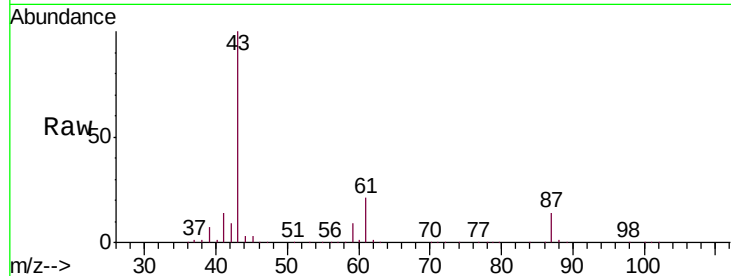
Tgt Ion: 43 Resp: 908305

Ion Ratio Lower Upper

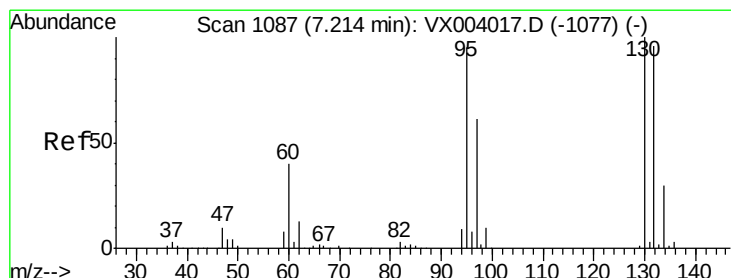
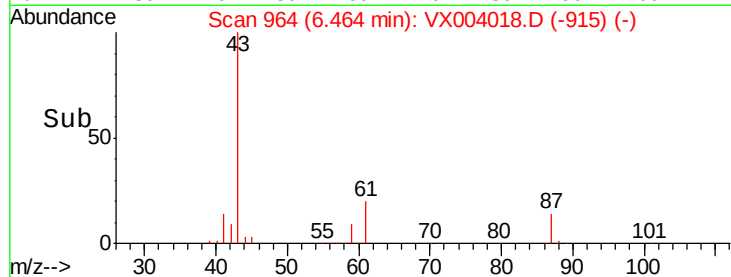
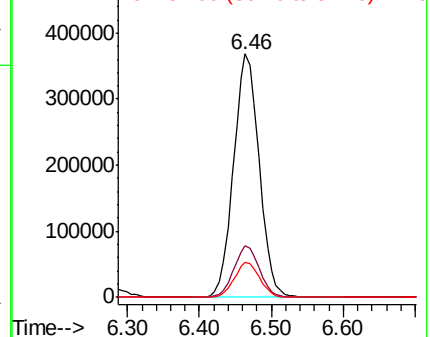
43 100

61 21.1 16.6 24.8

87 14.2 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 98.892 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004018.D

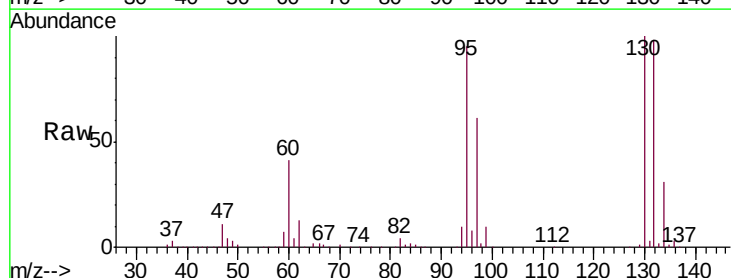
Acq: 14 Aug 2018 01:25

Tgt Ion: 130 Resp: 425939

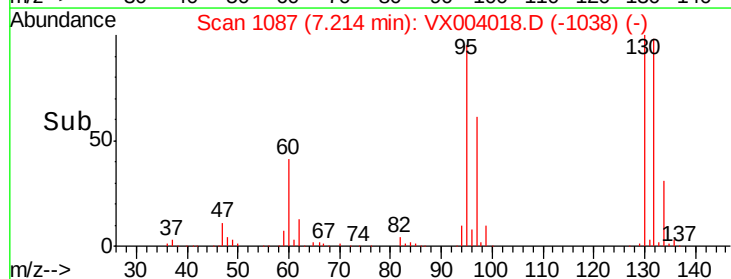
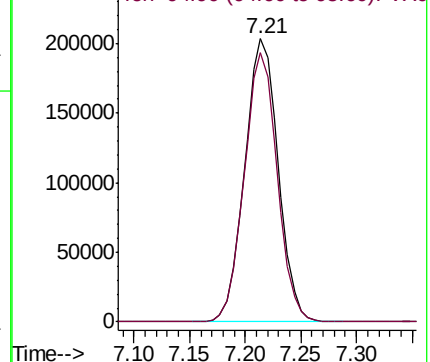
Ion Ratio Lower Upper

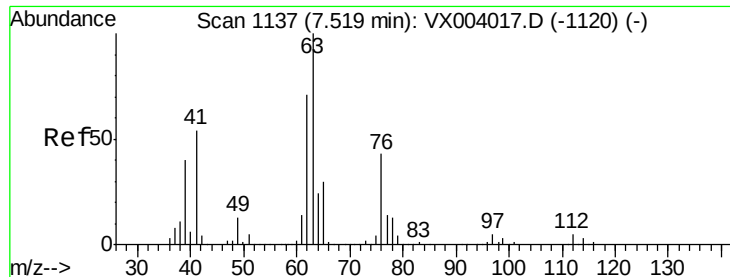
130 100

95 94.9 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

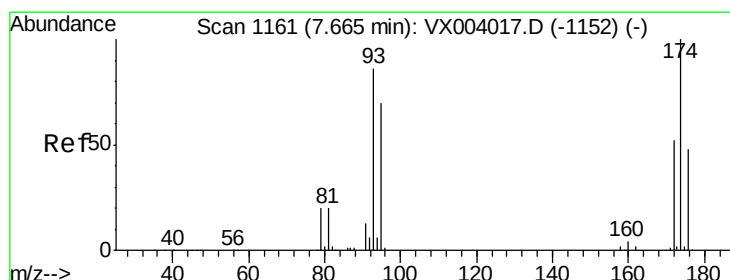
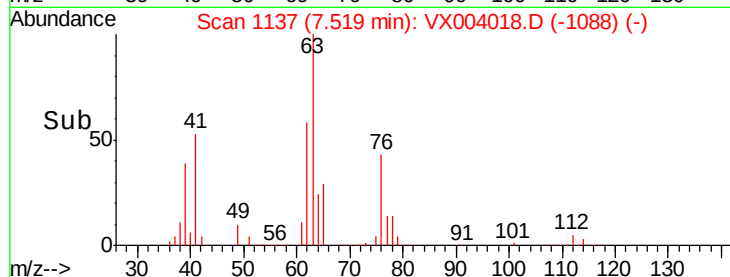
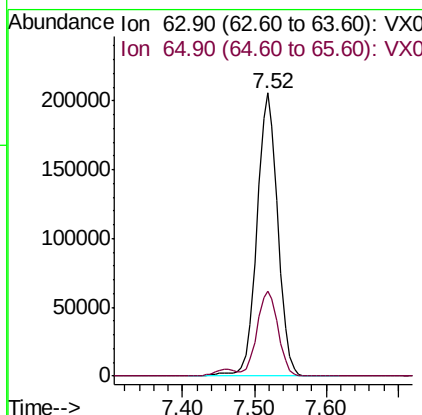
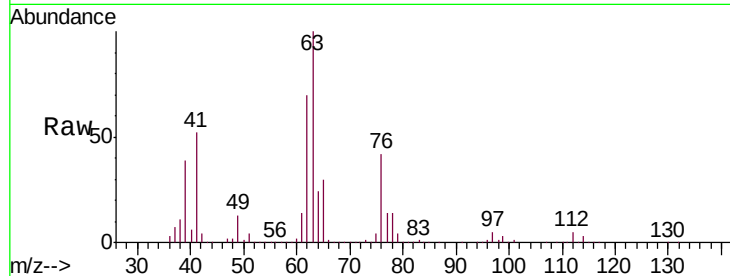




#45
 1,2-Dichloropropane
 Concen: 100.177 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

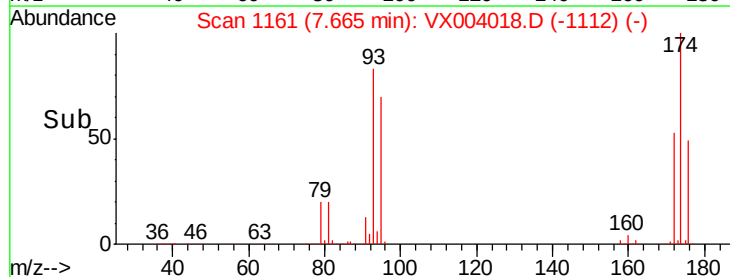
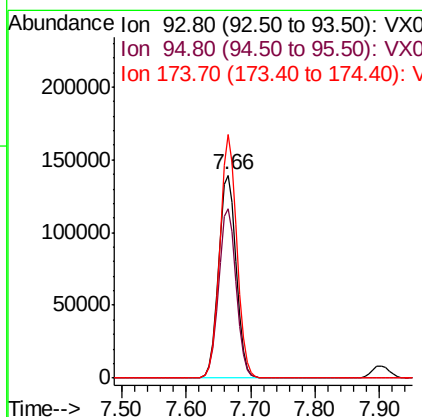
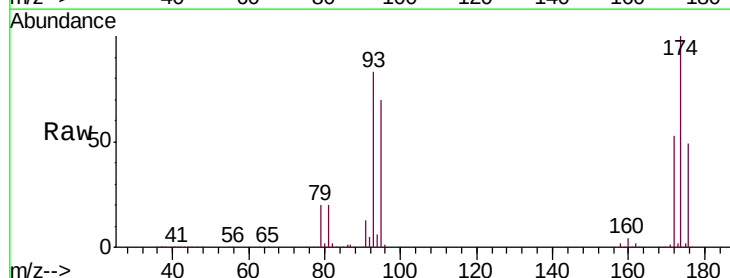
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC1

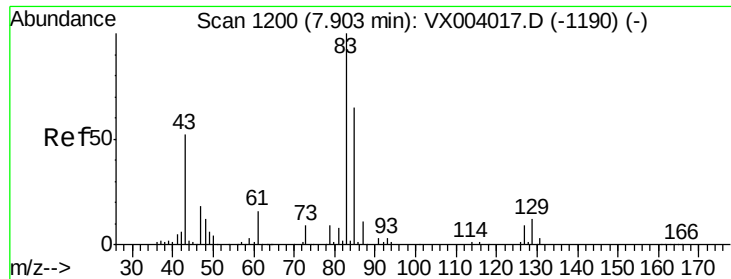
Tgt Ion: 63 Resp: 412451
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.9 35.9



#46
 Dibromomethane
 Concen: 100.274 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Tgt Ion: 93 Resp: 270175
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.5 99.7
 174 115.4 93.1 139.7





#47

Bromodichloromethane

Concen: 105.705 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC1

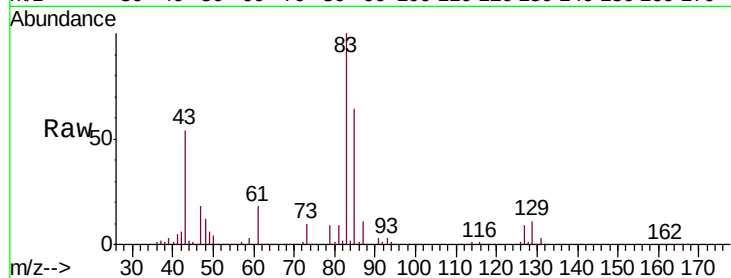
Tgt Ion: 83 Resp: 533243

Ion Ratio Lower Upper

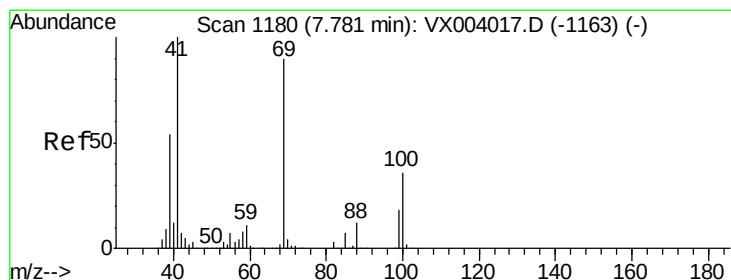
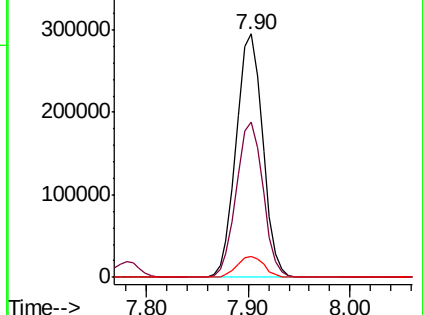
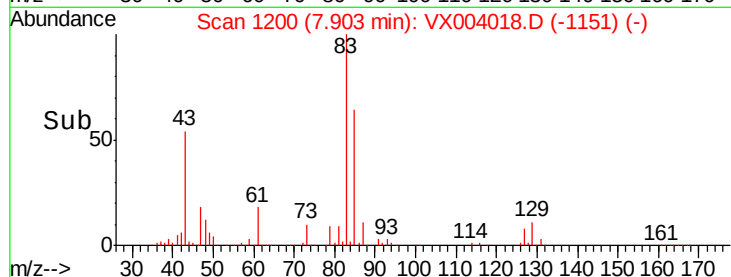
83 100

85 63.8 52.3 78.5

127 8.5 7.3 10.9



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: 105.444 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

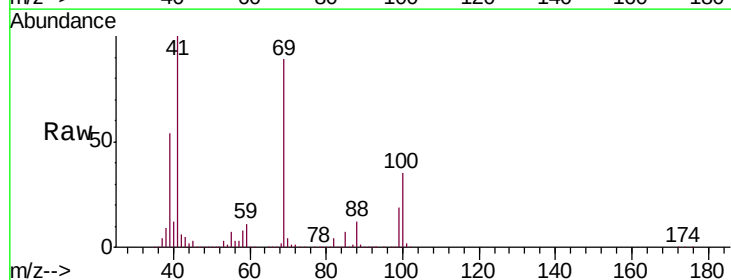
Tgt Ion: 41 Resp: 474652

Ion Ratio Lower Upper

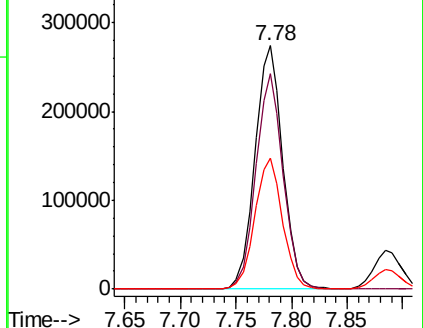
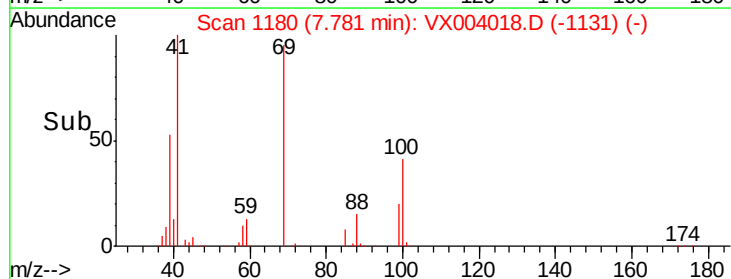
41 100

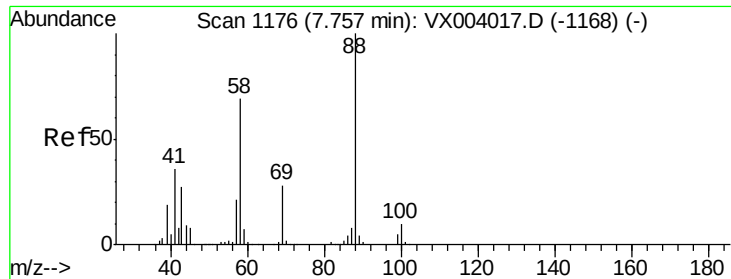
69 87.4 69.4 104.2

39 53.8 42.7 64.1



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

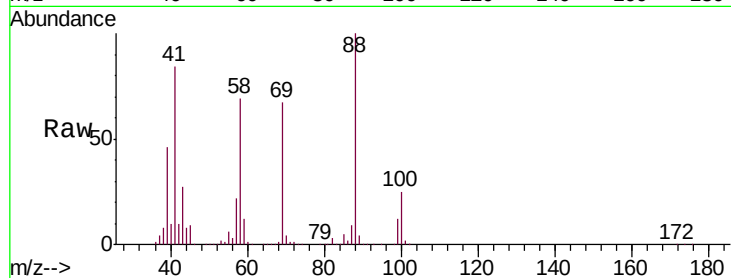




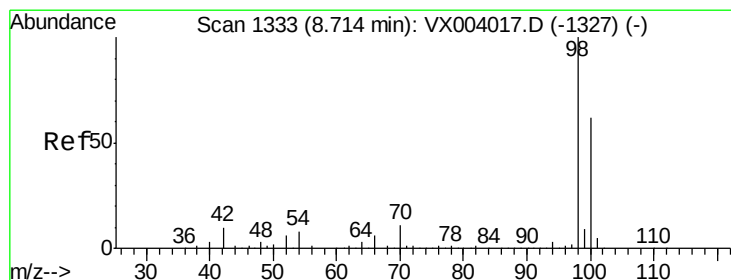
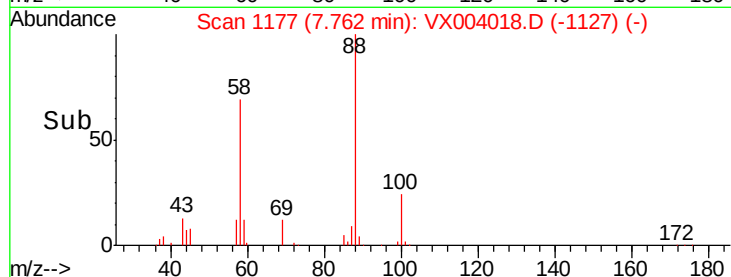
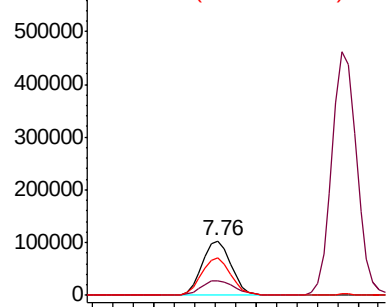
#49
 1,4-Dioxane
 Concen: 1932.435 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC1

Tgt Ion: 88 Resp: 203428
 Ion Ratio Lower Upper
 88 100
 43 30.3 24.6 37.0
 58 69.8 55.8 83.8

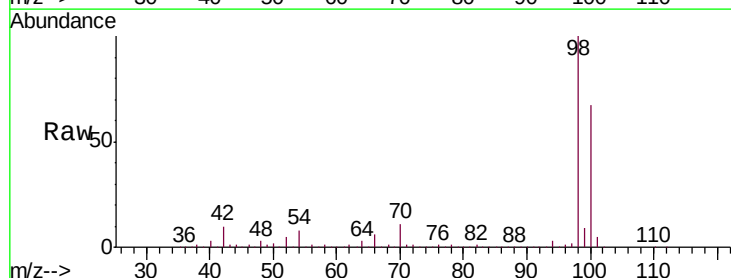


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

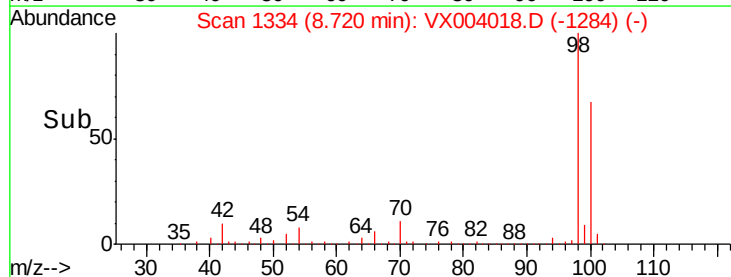
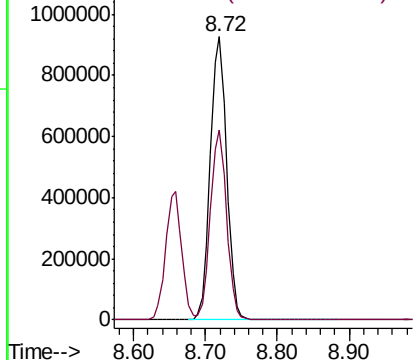


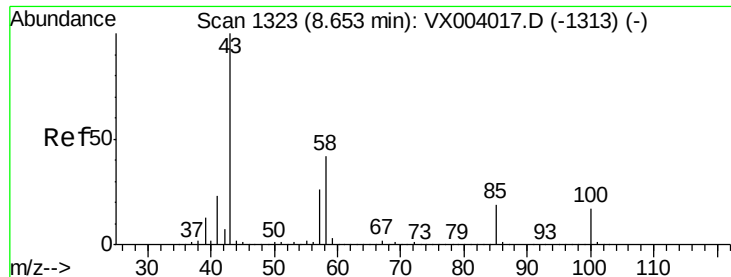
#50
 Toluene-d8
 Concen: 104.335 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Tgt Ion: 98 Resp: 1452877
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 510.710 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

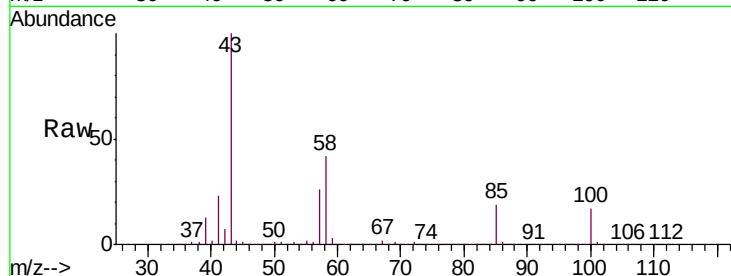
VSTDIC1

Tgt Ion: 43 Resp: 3752696

Ion Ratio Lower Upper

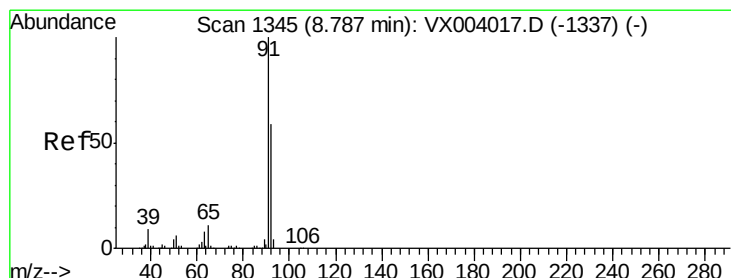
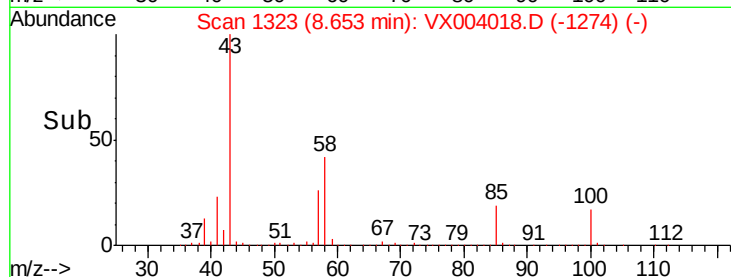
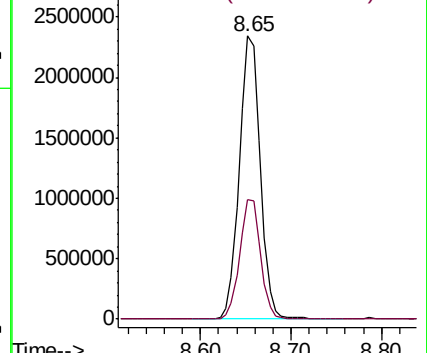
43 100

58 42.0 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 103.177 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004018.D

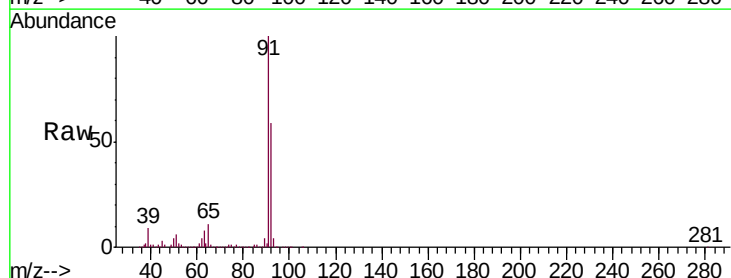
Acq: 14 Aug 2018 01:25

Tgt Ion: 92 Resp: 1031763

Ion Ratio Lower Upper

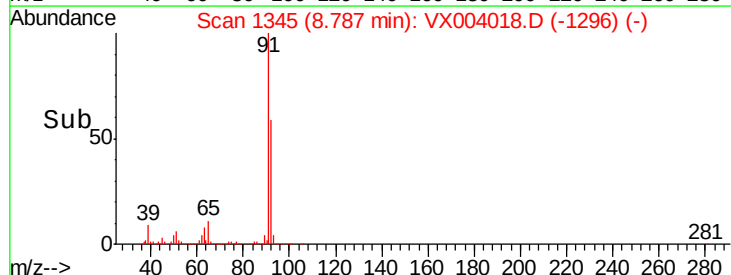
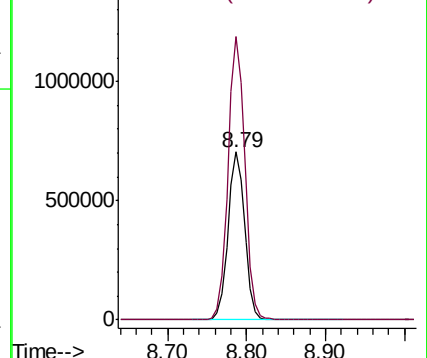
92 100

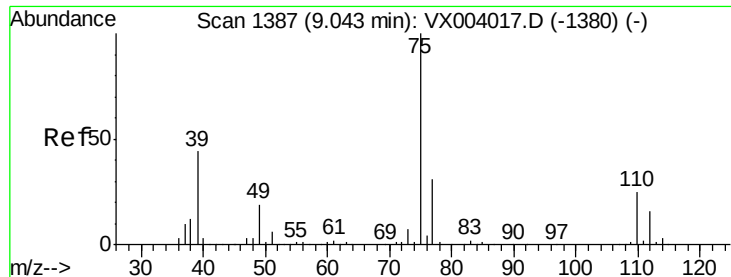
91 169.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 105.695 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

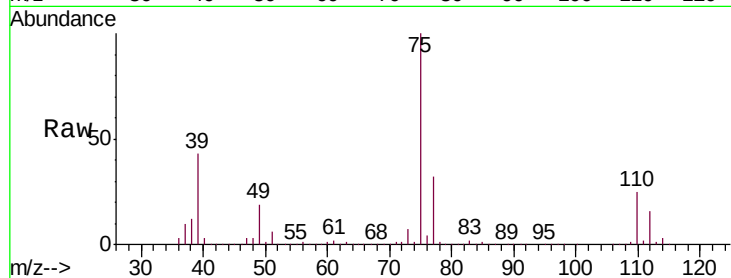
VSTDICC1

Tgt Ion: 75 Resp: 597018

Ion Ratio Lower Upper

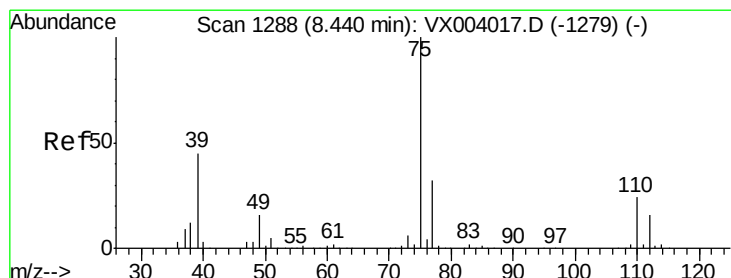
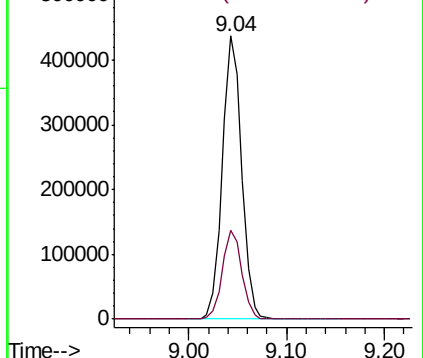
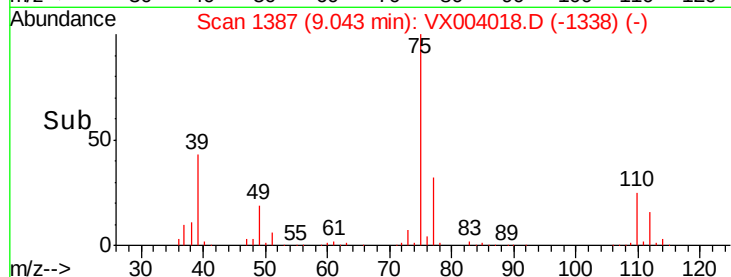
75 100

77 31.6 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 104.609 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

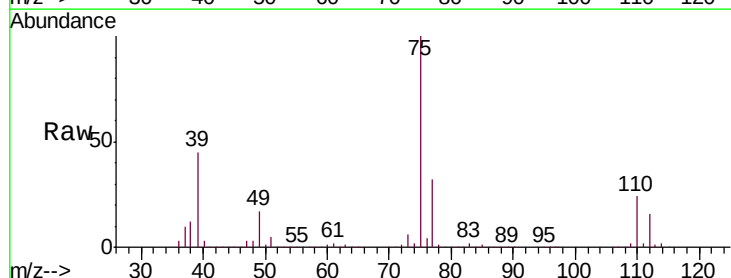
Tgt Ion: 75 Resp: 636274

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2

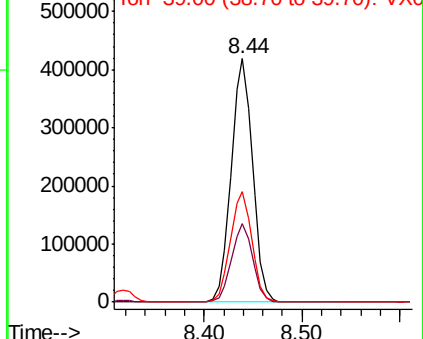
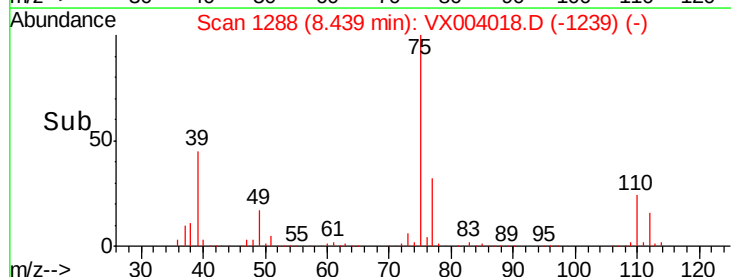
39 45.1 35.6 53.4

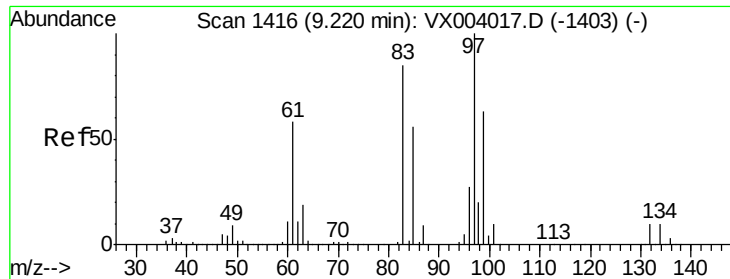


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

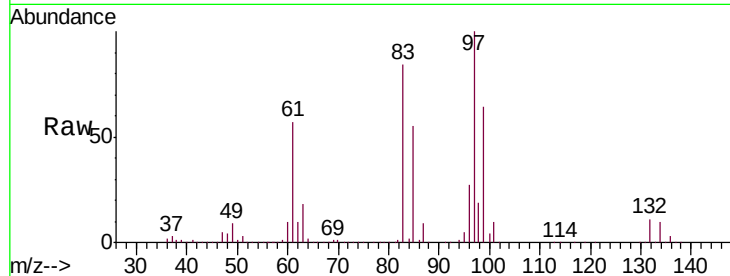




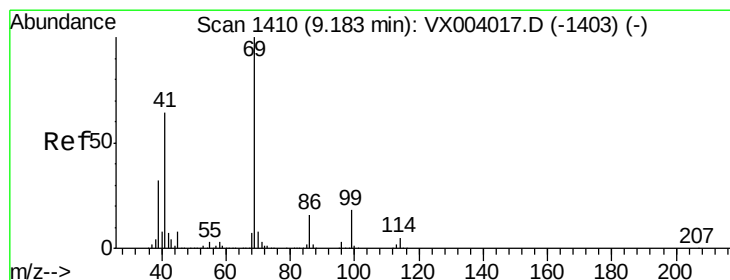
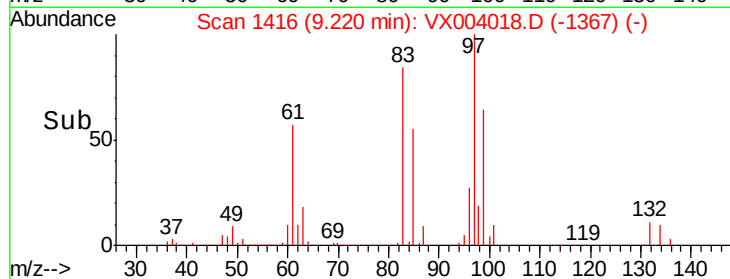
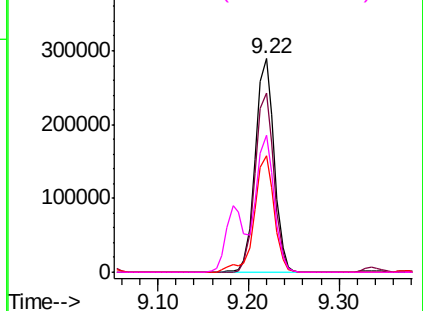
#55
 1,1,2-Trichloroethane
 Concen: 100.742 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC1

Tgt Ion:	97	Resp:	417454
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.0	102.0
85	54.8	44.6	66.8
99	64.0	50.5	75.7

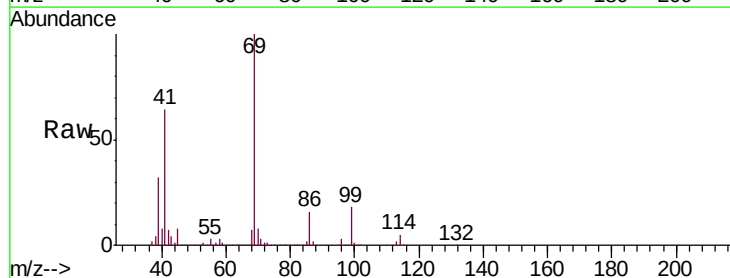


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

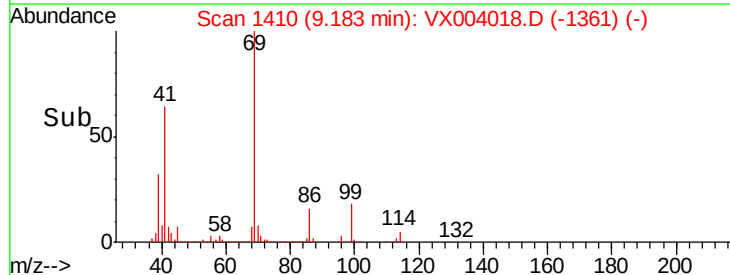
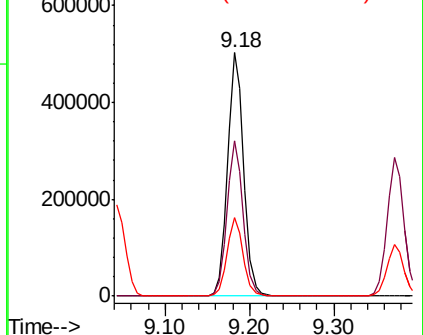


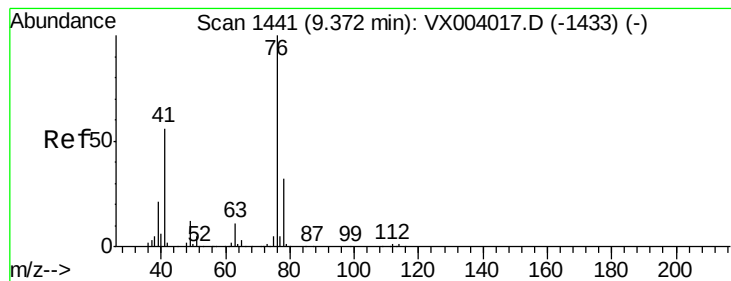
#56
 Ethyl methacrylate
 Concen: 110.118 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Tgt Ion:	69	Resp:	659314
Ion	Ratio	Lower	Upper
69	100		
41	63.8	50.7	76.1
39	32.4	26.3	39.5



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: 101.559 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

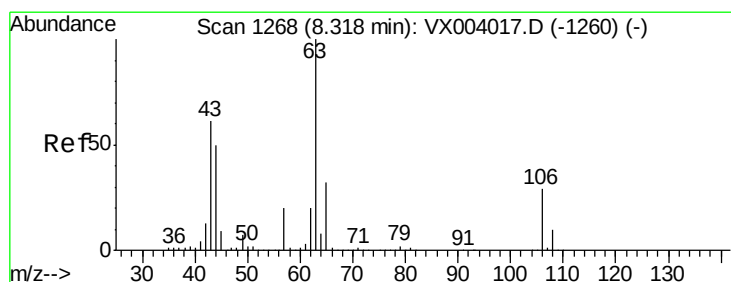
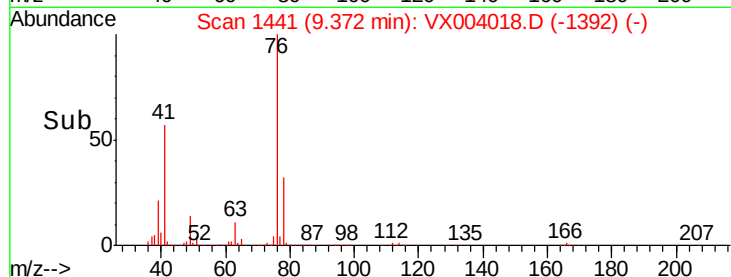
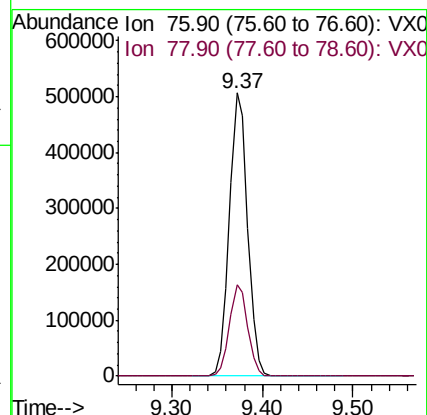
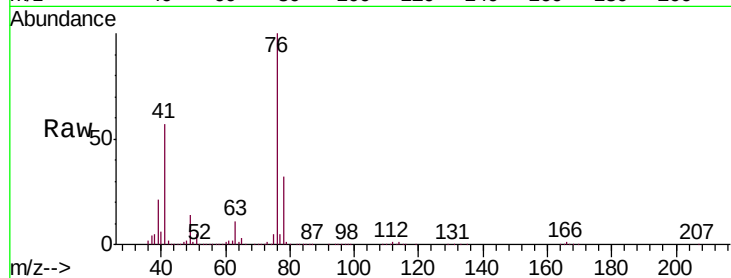
VSTDICC1

Tgt Ion: 76 Resp: 708170

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 558.740 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004018.D

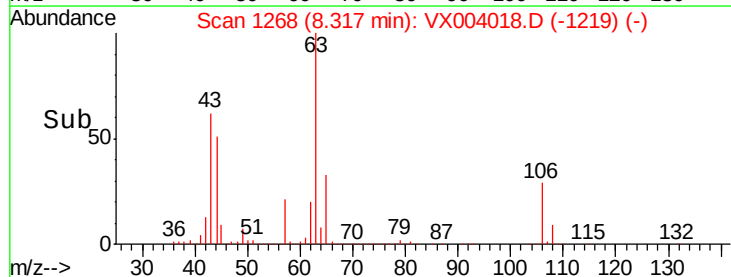
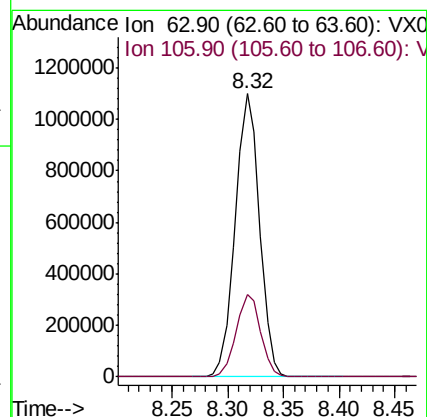
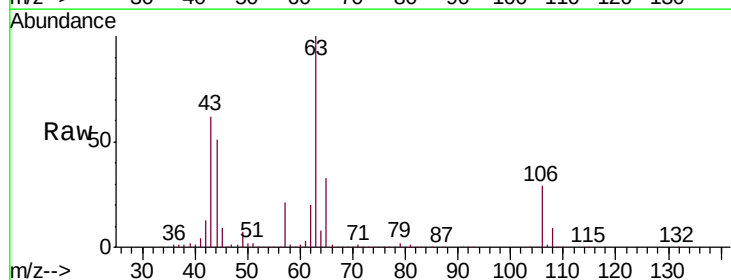
Acq: 14 Aug 2018 01:25

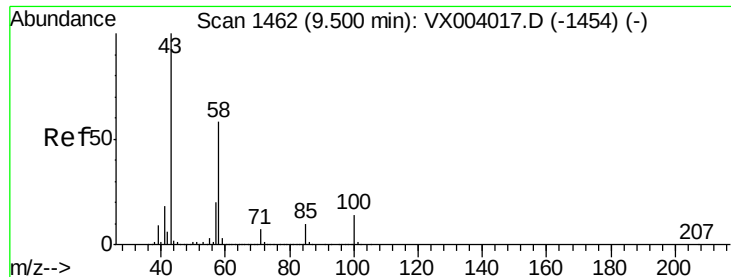
Tgt Ion: 63 Resp: 1659621

Ion Ratio Lower Upper

63 100

106 29.4 23.6 35.4

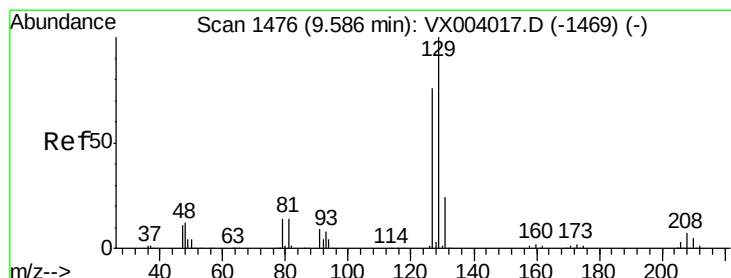
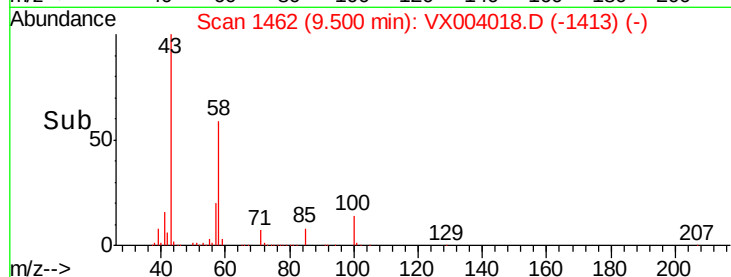
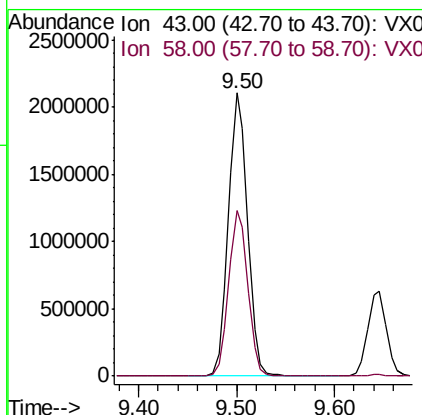
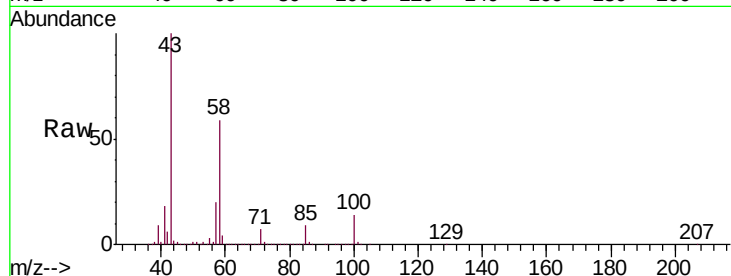




#59
2-Hexanone
Concen: 518.557 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

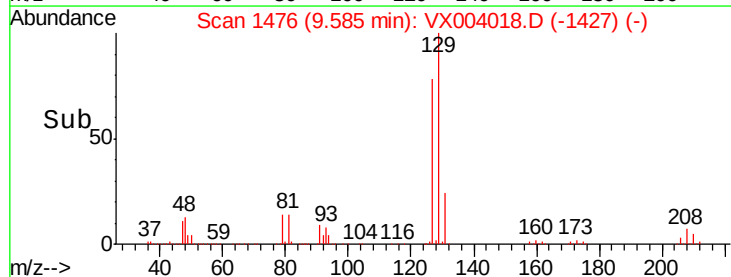
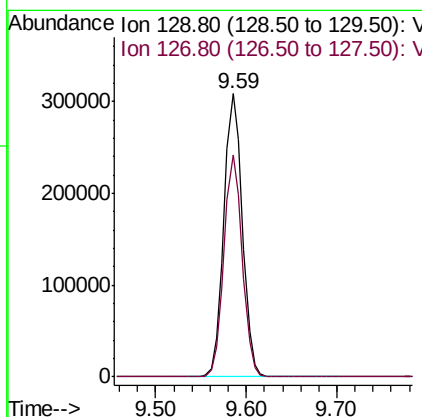
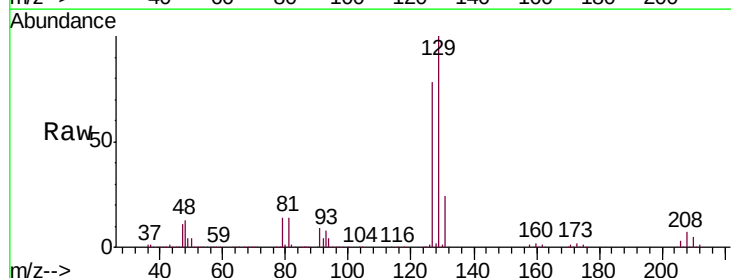
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC1

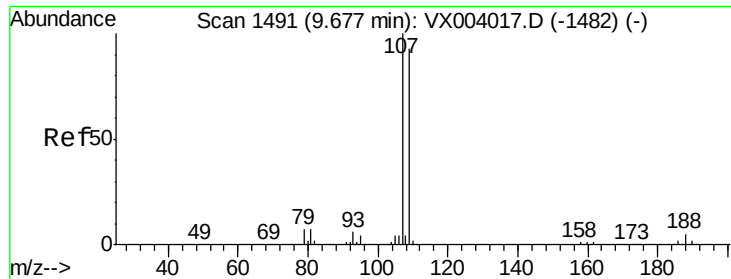
Tgt Ion: 43 Resp: 2857500
Ion Ratio Lower Upper
43 100
58 58.7 28.8 86.5



#60
Dibromochloromethane
Concen: 113.124 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Tgt Ion: 129 Resp: 438042
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7

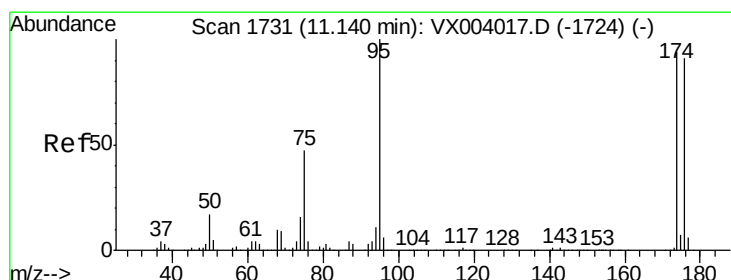
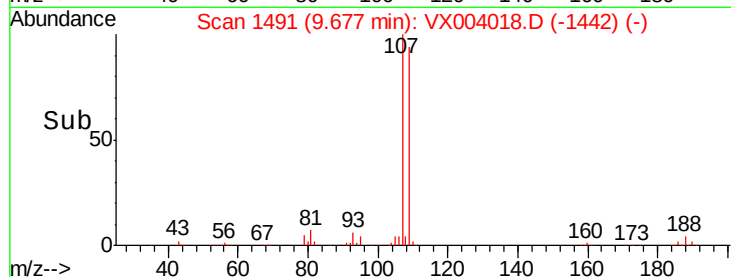
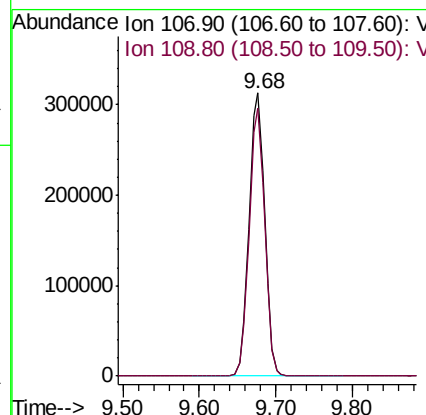
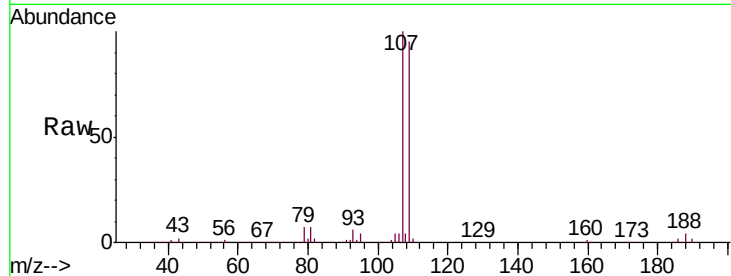




#61
 1,2-Dibromoethane
 Concen: 105.796 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

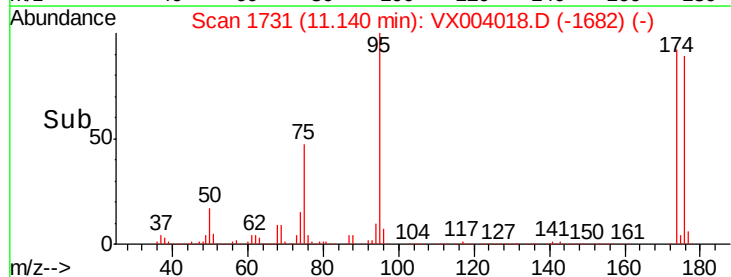
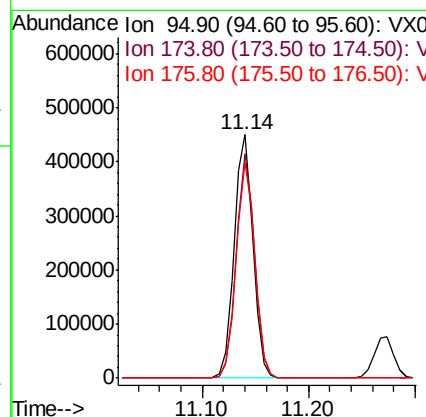
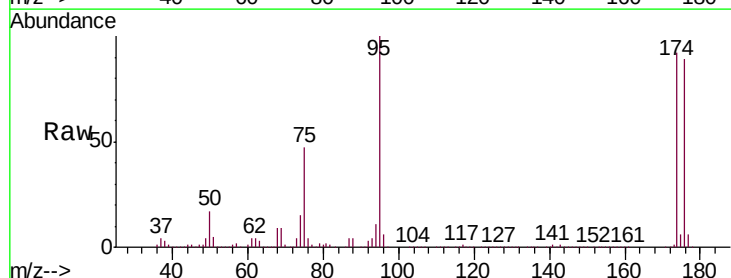
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC1

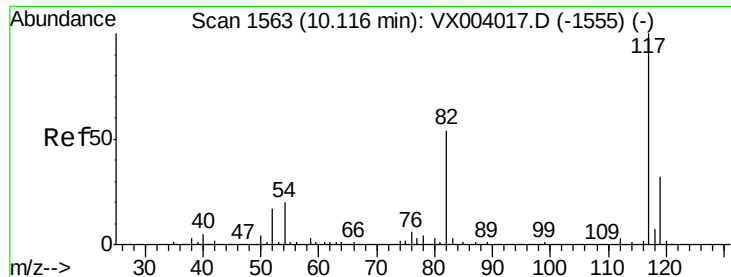
Tgt Ion: 107 Resp: 443292
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 118.970 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Tgt Ion: 95 Resp: 558913
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 182.8
 176 87.8 0.0 177.2

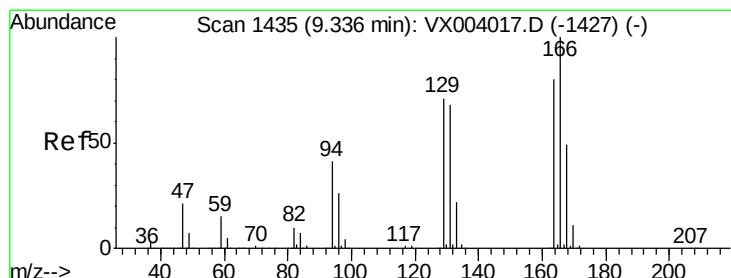
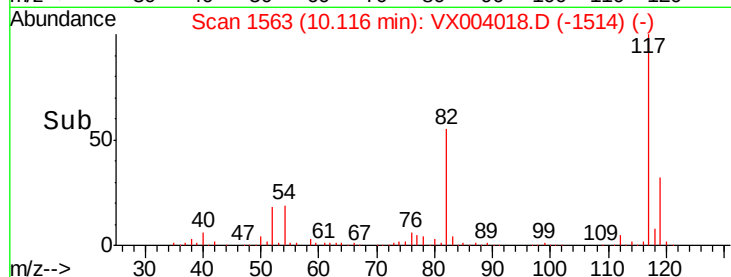
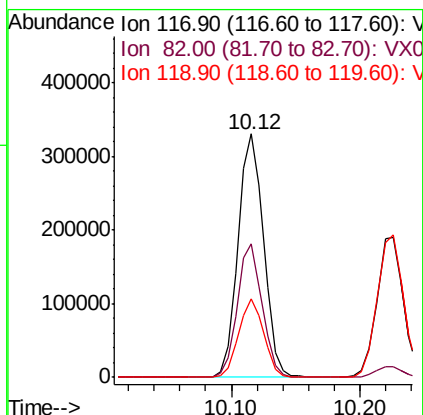
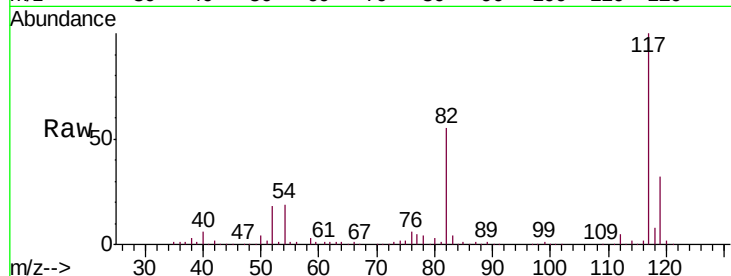




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

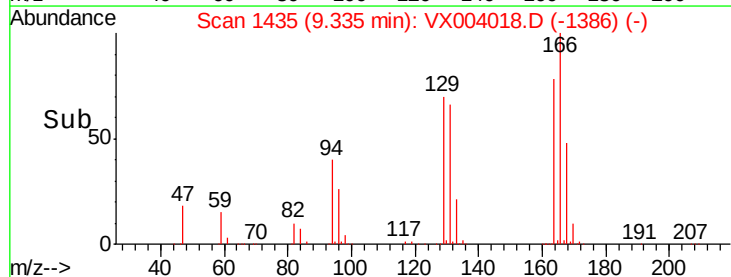
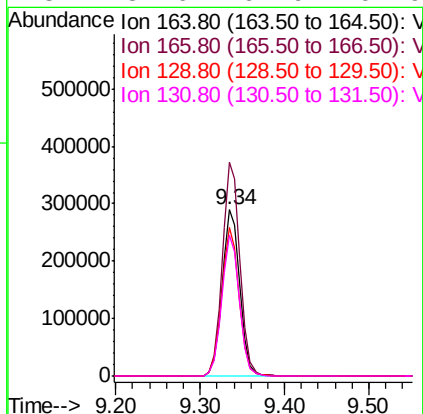
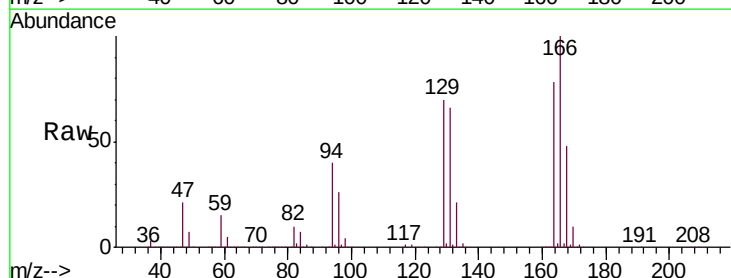
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC1

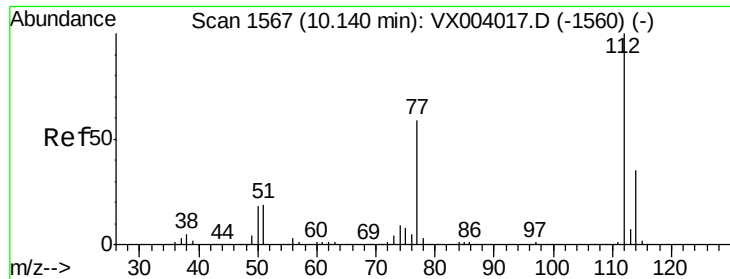
Tgt Ion:117 Resp: 452661
Ion Ratio Lower Upper
117 100
82 54.9 42.9 64.3
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 95.968 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Tgt Ion:164 Resp: 418267
Ion Ratio Lower Upper
164 100
166 128.4 99.5 149.3
129 89.4 70.4 105.6
131 84.6 67.9 101.9

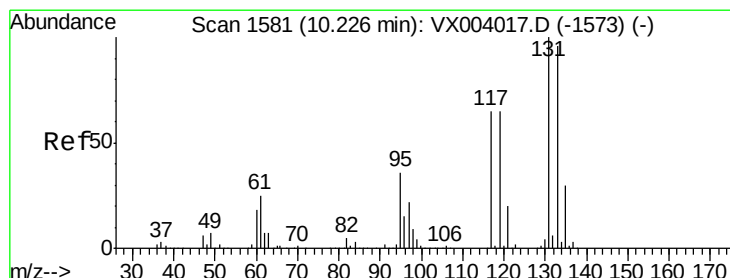
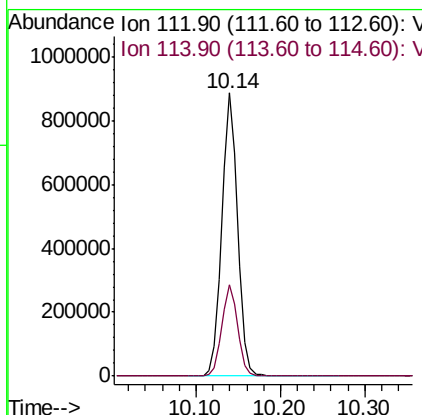
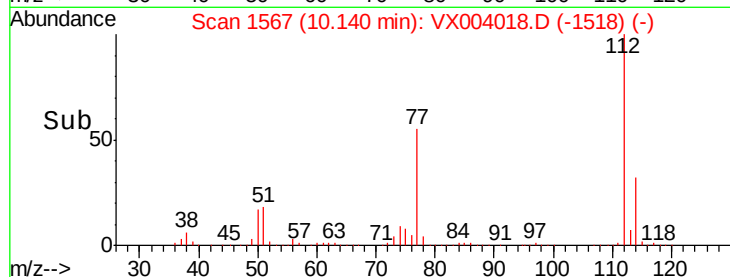
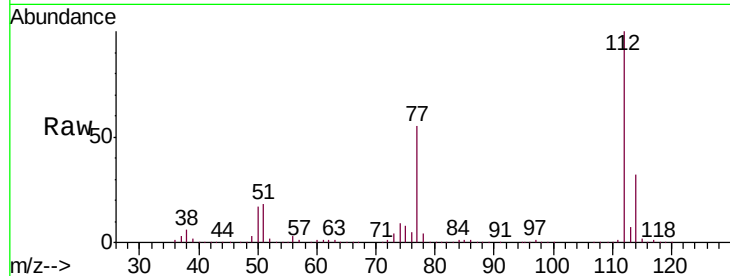




#65
Chlorobenzene
Concen: 99.335 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

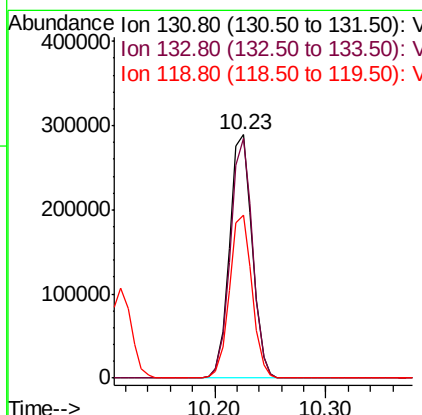
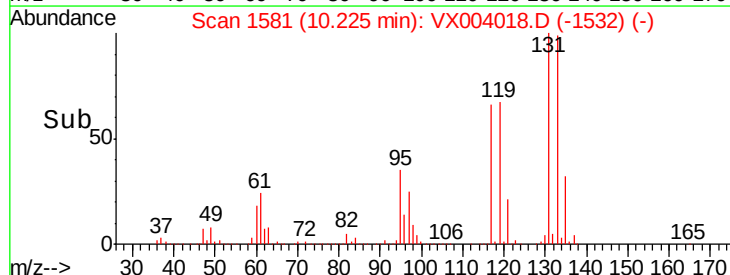
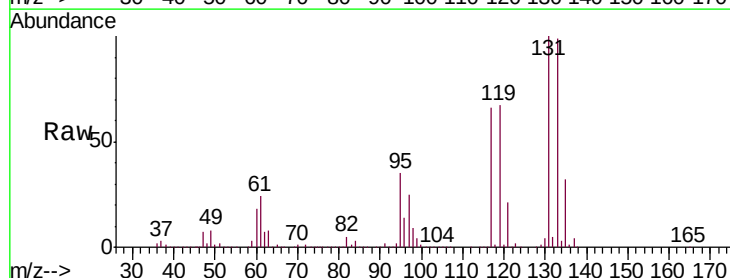
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC1

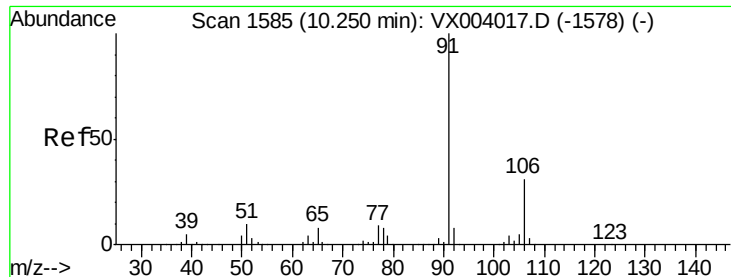
Tgt Ion:112 Resp: 1151759
Ion Ratio Lower Upper
112 100
114 32.5 27.6 41.4



#66
1,1,1,2-Tetrachloroethane
Concen: 101.264 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Tgt Ion:131 Resp: 406308
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.7
119 66.6 32.0 96.0

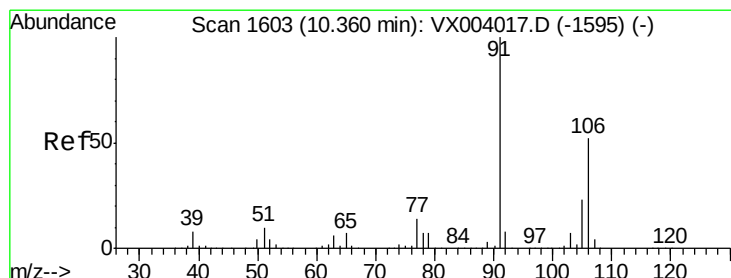
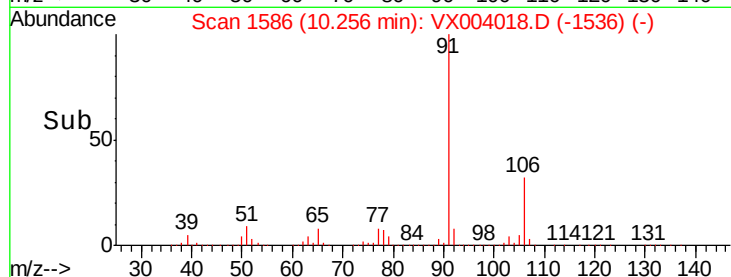
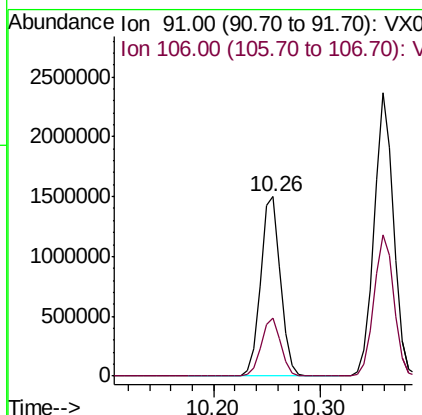
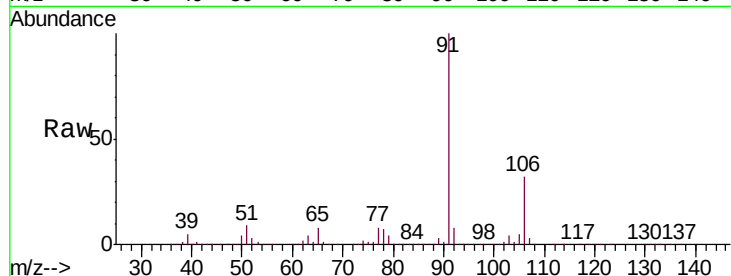




#67
Ethyl Benzene
Concen: 103.556 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

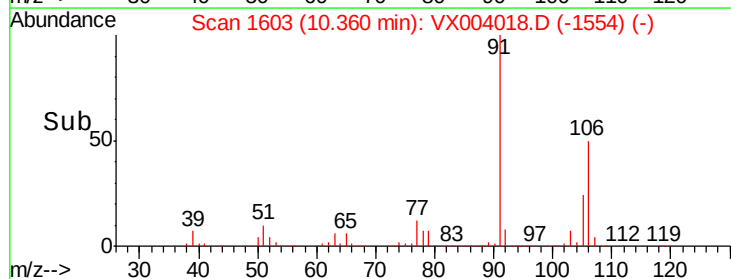
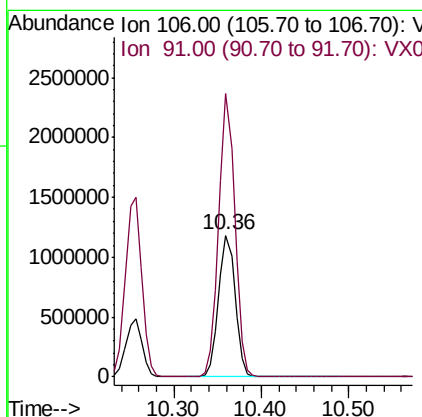
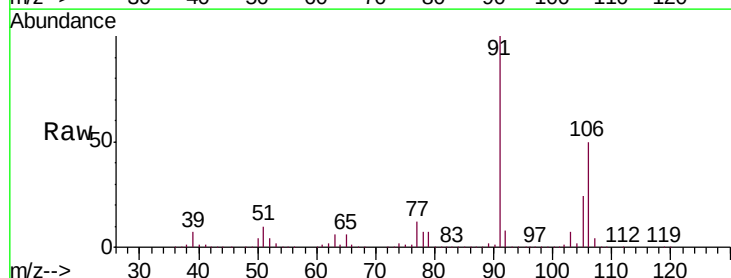
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC1

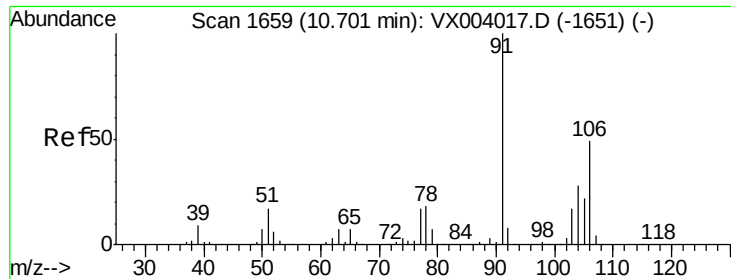
Tgt Ion: 91 Resp: 1959620
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7



#68
m/p-Xylenes
Concen: 209.900 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Tgt Ion: 106 Resp: 1558293
Ion Ratio Lower Upper
106 100
91 193.6 155.0 232.6

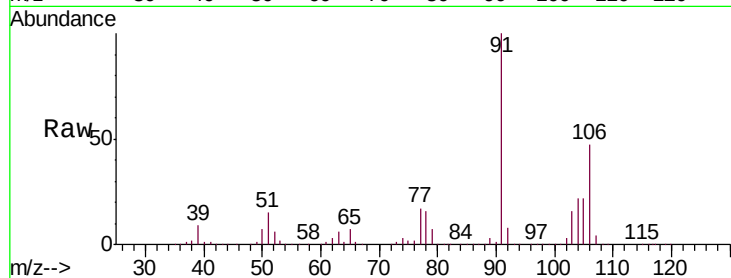




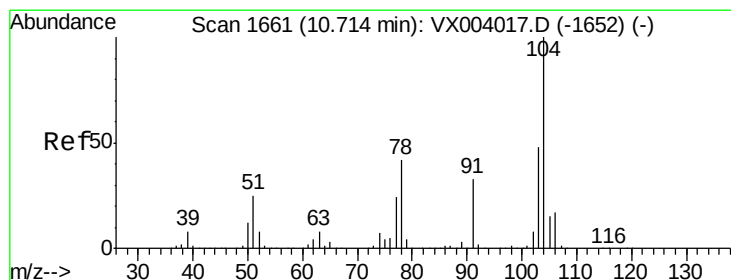
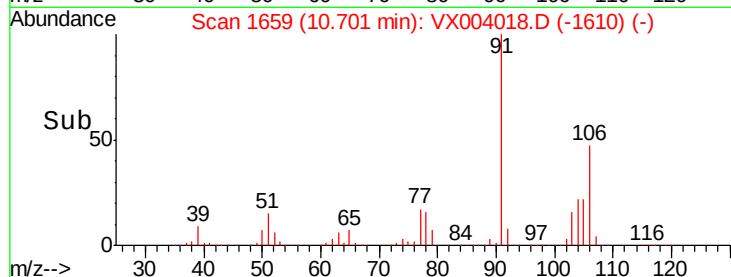
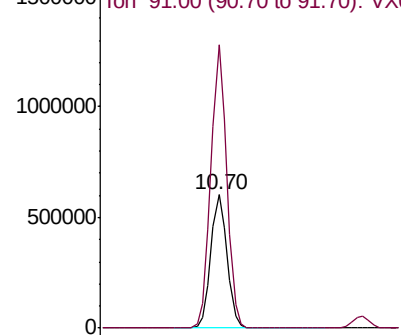
#69
o-Xylene
Concen: 106.670 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Instrument :
MSVOA_X
ClientSampled :
VSTDIC1

Tgt Ion:106 Resp: 751095
Ion Ratio Lower Upper
106 100
91 208.8 103.6 310.9

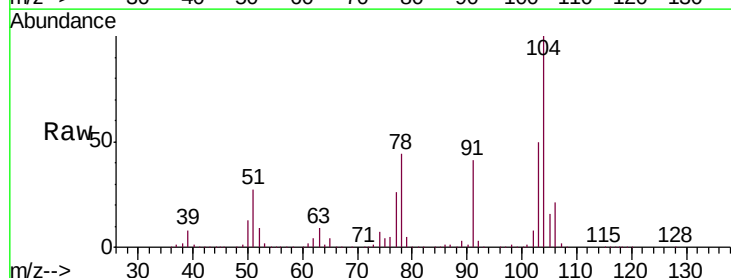


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

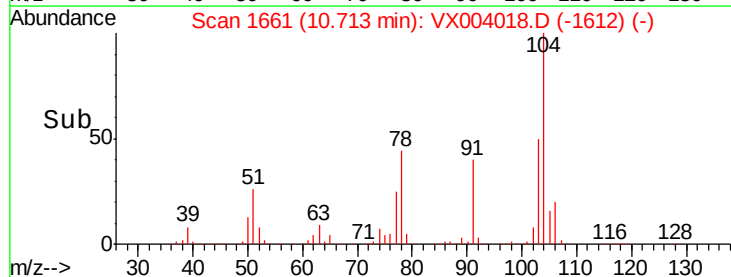
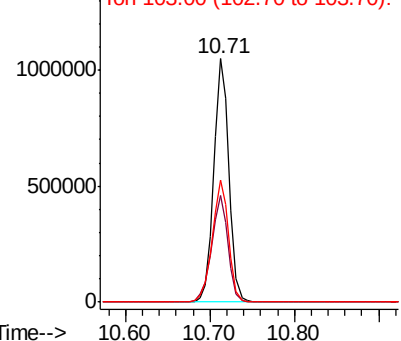


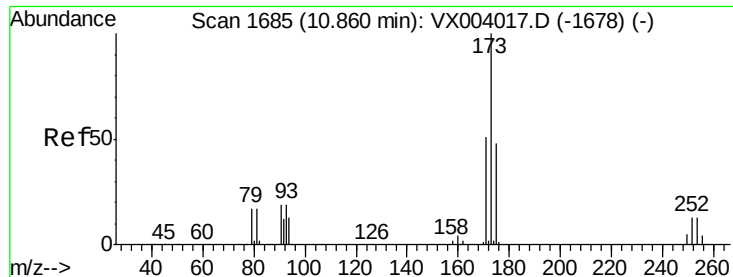
#70
Styrene
Concen: 111.494 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Tgt Ion:104 Resp: 1298722
Ion Ratio Lower Upper
104 100
78 47.7 37.5 56.3
103 54.1 42.0 63.0



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

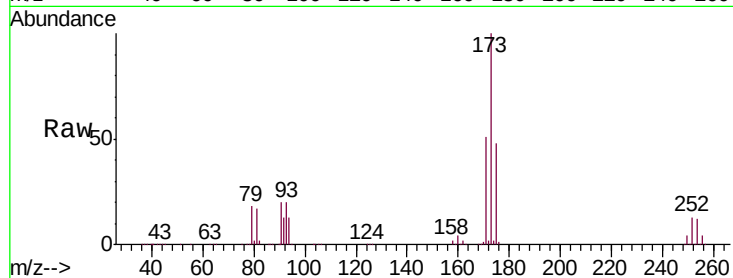




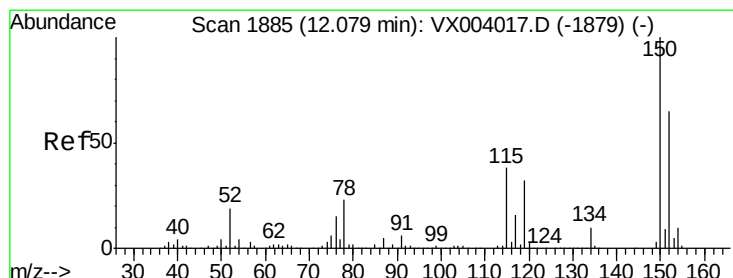
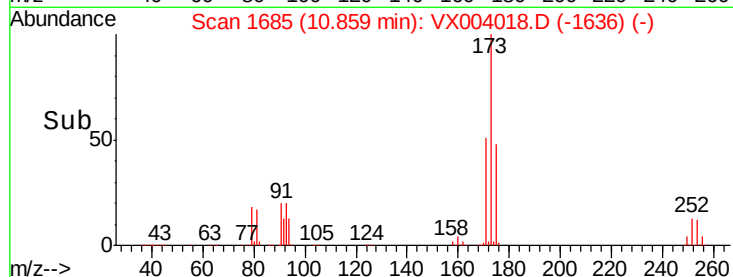
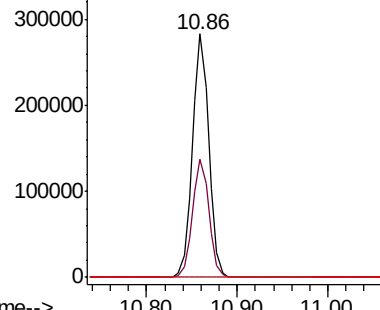
#71
Bromoform
Concen: 116.837 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC1

Tgt Ion:173 Resp: 354865
Ion Ratio Lower Upper
173 100
175 48.9 24.5 73.5
254 0.2 0.2 0.2

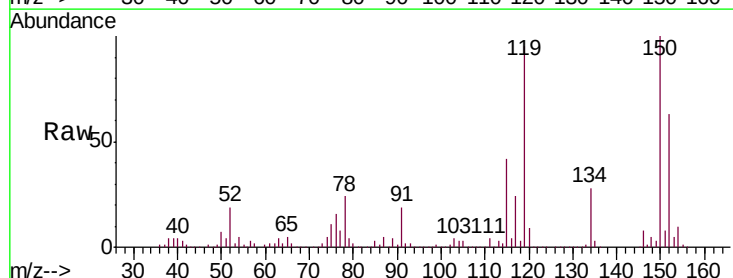


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

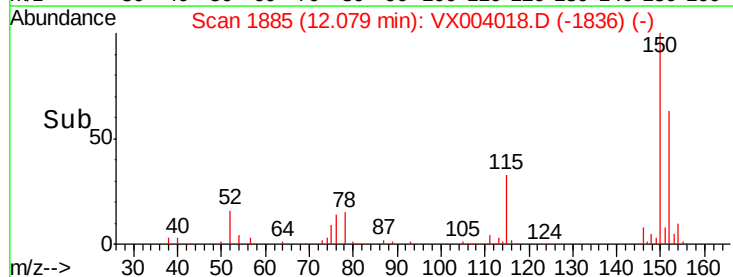
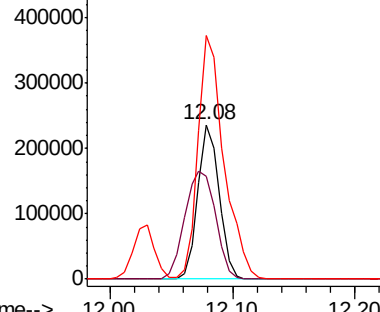


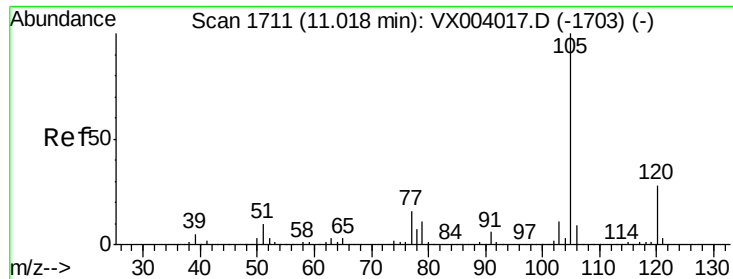
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Tgt Ion:152 Resp: 285419
Ion Ratio Lower Upper
152 100
115 100.7 37.3 111.8
150 191.7 0.0 346.8



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

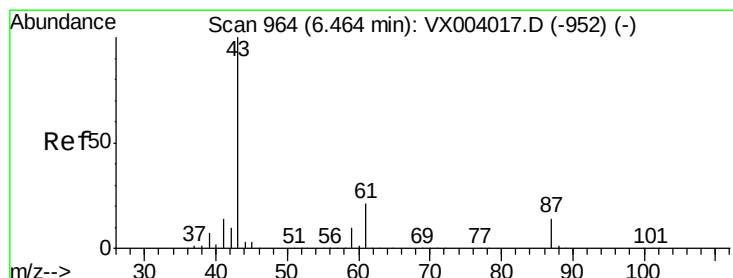
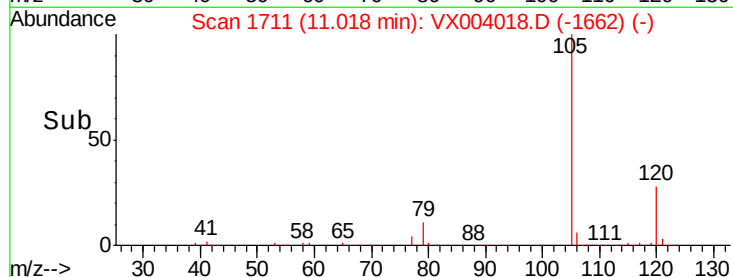
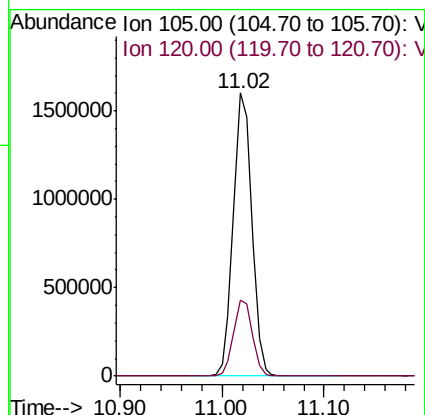
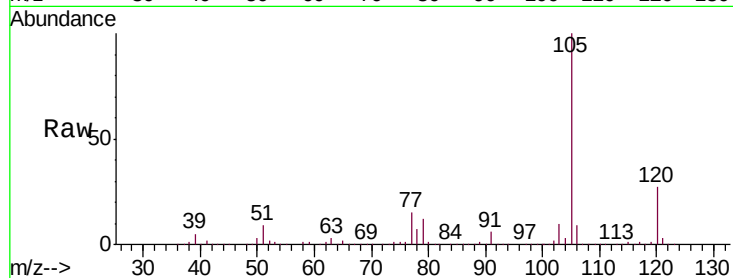




#73
Isopropylbenzene
Concen: 98.542 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

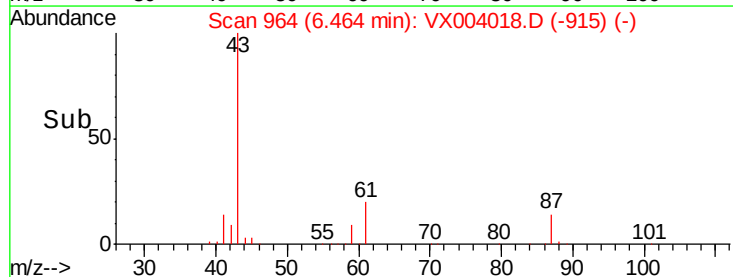
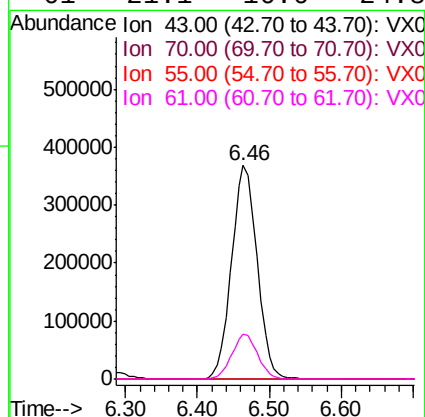
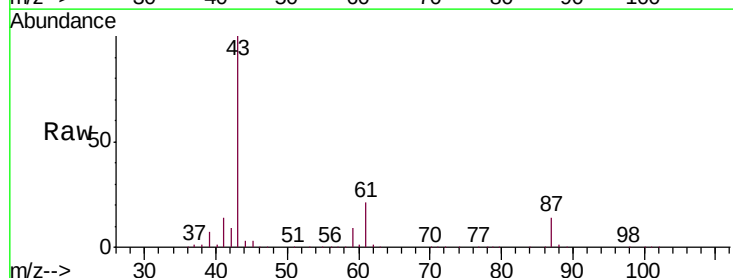
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC1

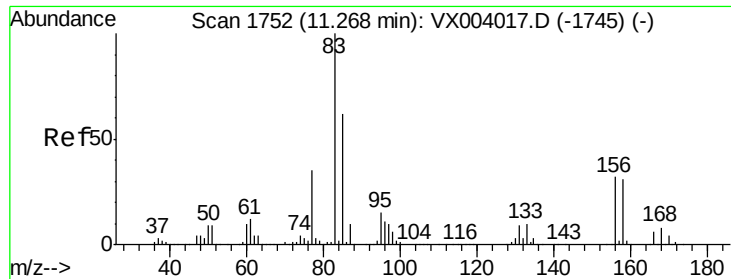
Tgt Ion:105 Resp: 2001295
Ion Ratio Lower Upper
105 100
120 27.1 13.8 41.4



#74
N-ethyl acetate
Concen: 84.430 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Tgt Ion: 43 Resp: 908305
Ion Ratio Lower Upper
43 100
70 0.0 0.1 0.1#
55 0.1 0.1 0.1#
61 21.1 16.6 24.8

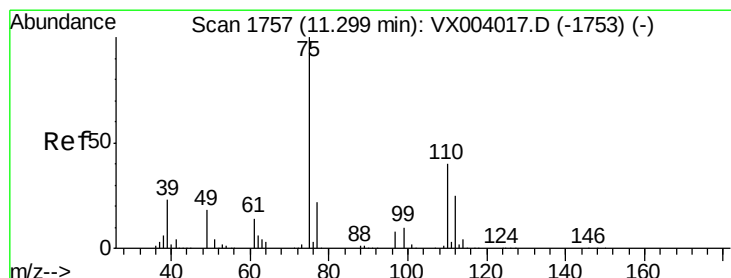
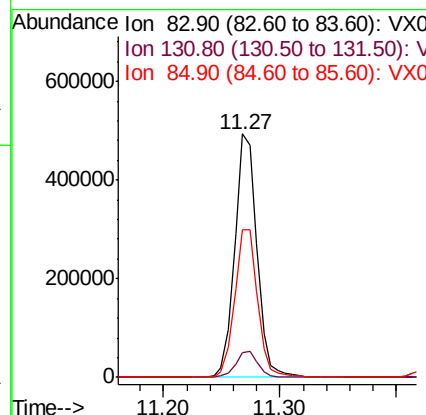
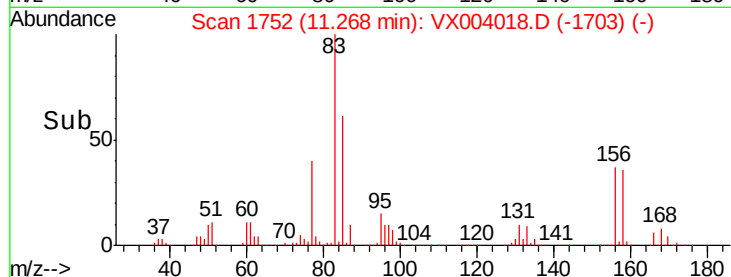
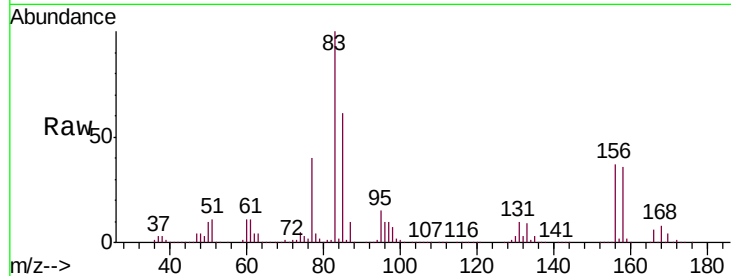




#75
 1,1,2,2-Tetrachloroethane
 Concen: 90.323 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

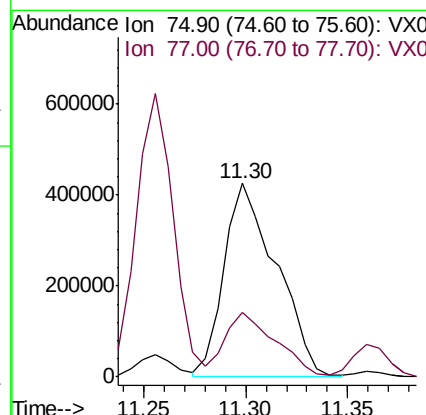
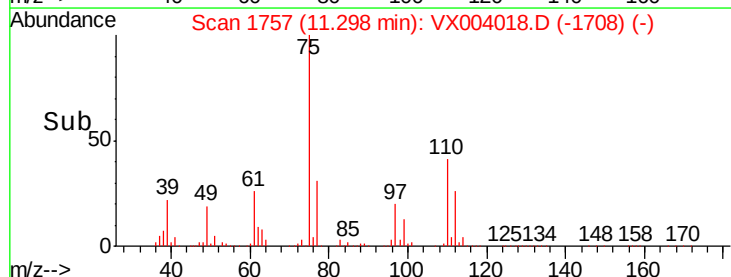
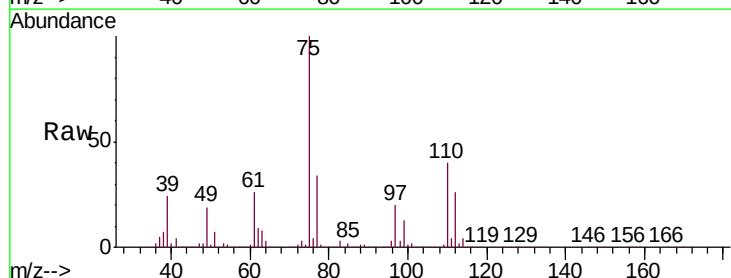
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC1

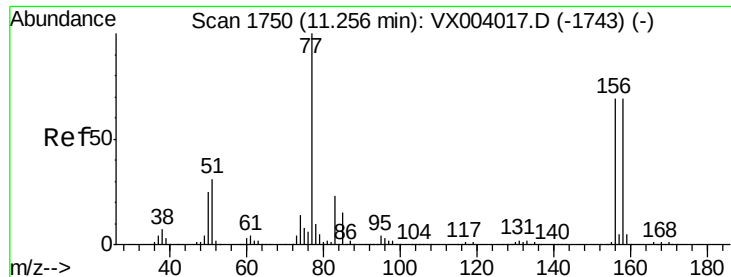
Tgt Ion: 83 Resp: 656065
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.1 15.3
 85 62.9 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 119.821 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Tgt Ion: 75 Resp: 758396
 Ion Ratio Lower Upper
 75 100
 77 32.1 19.8 59.3





#77

Bromobenzene

Concen: 96.057 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC1

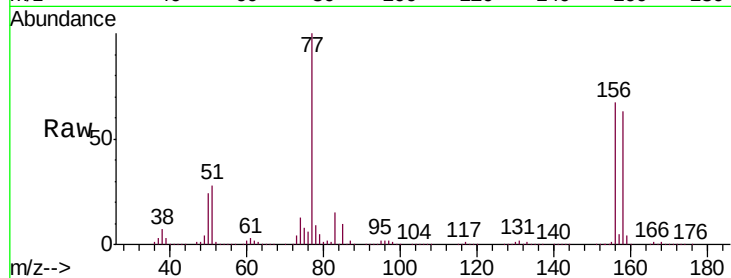
Tgt Ion:156 Resp: 540051

Ion Ratio Lower Upper

156 100

77 146.1 73.1 219.3

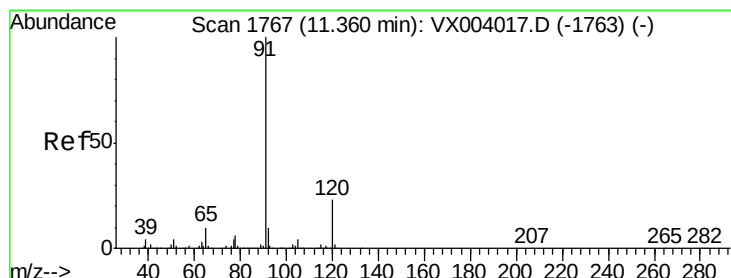
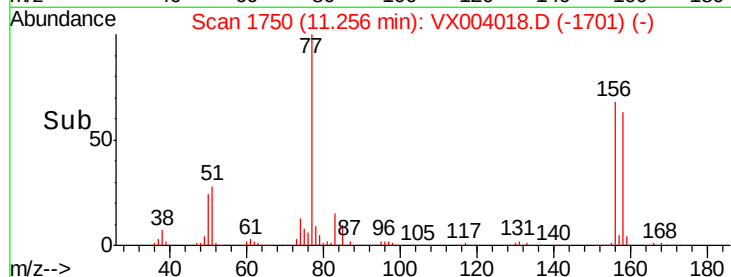
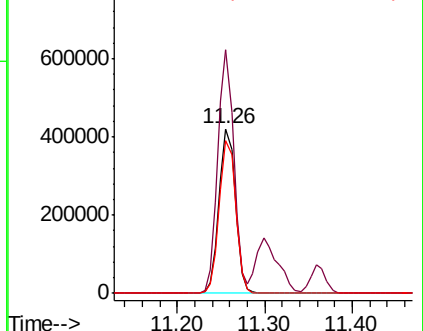
158 94.3 48.9 146.8



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: 99.115 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004018.D

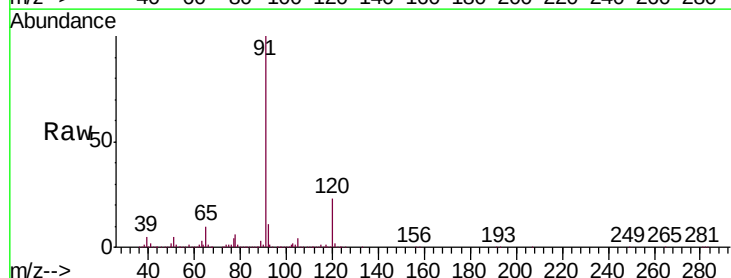
Acq: 14 Aug 2018 01:25

Tgt Ion: 91 Resp: 2295648

Ion Ratio Lower Upper

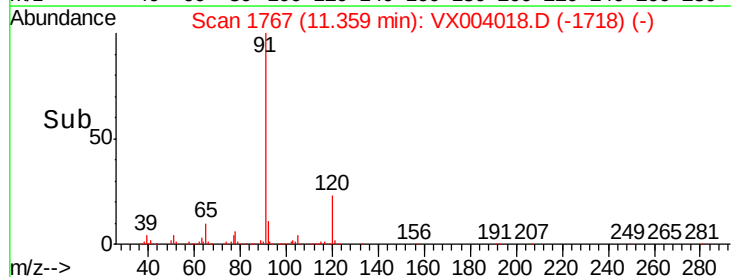
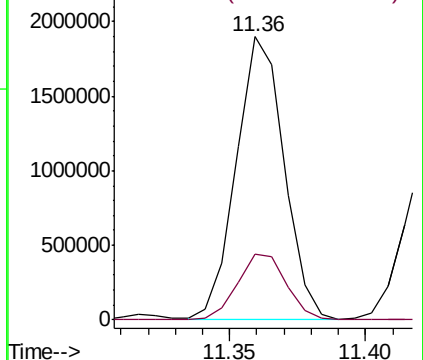
91 100

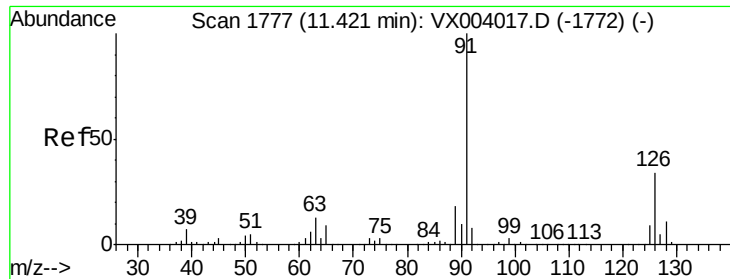
120 23.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

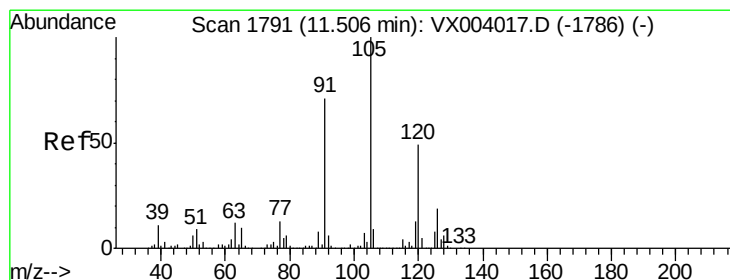
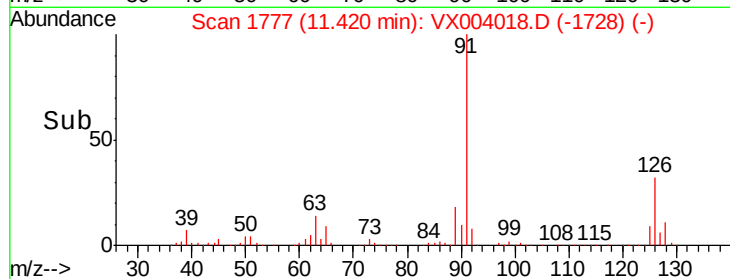
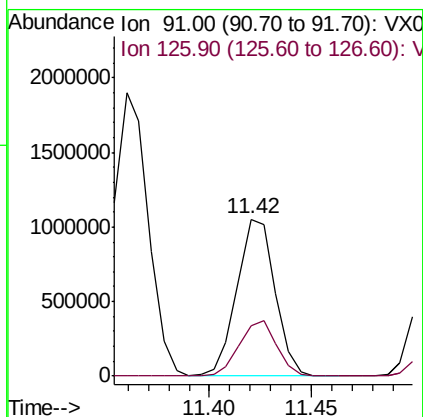
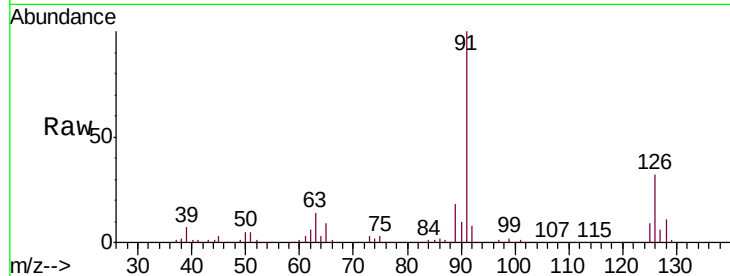




#79
 2-Chlorotoluene
 Concen: 95.194 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

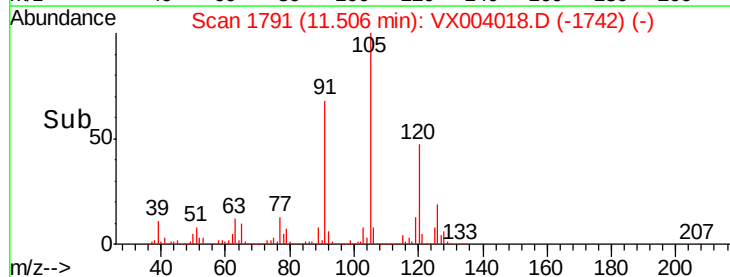
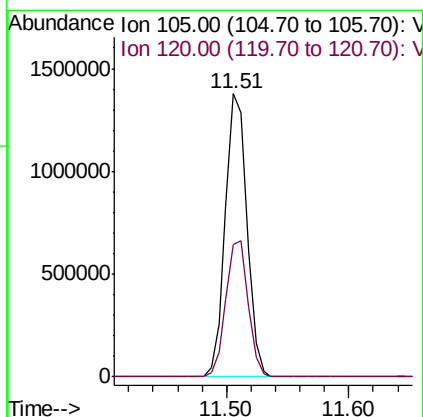
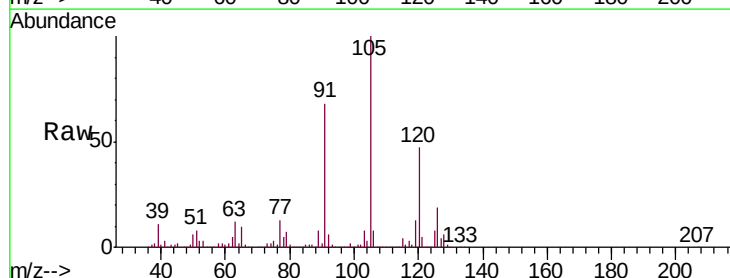
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC1

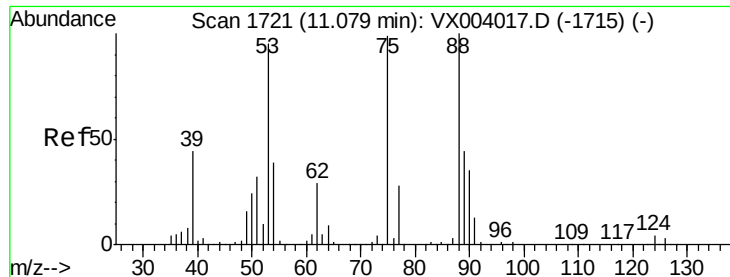
Tgt Ion: 91 Resp: 1360050
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 99.906 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Tgt Ion: 105 Resp: 1686181
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 95.096 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC1

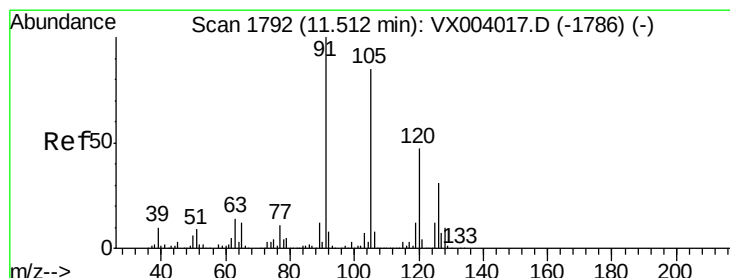
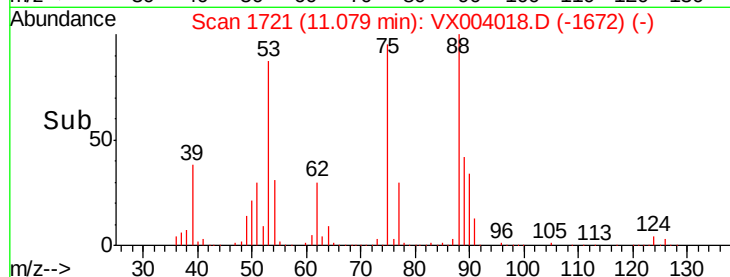
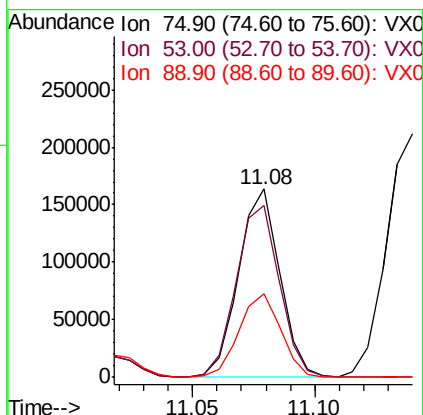
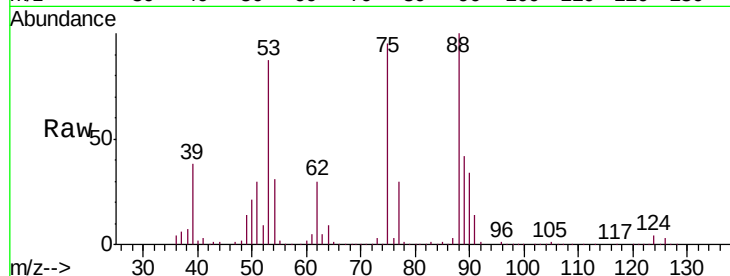
Tgt Ion: 75 Resp: 191910

Ion Ratio Lower Upper

75 100

53 96.4 81.0 121.6

89 45.4 36.3 54.5



#82

4-Chlorotoluene

Concen: 95.837 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004018.D

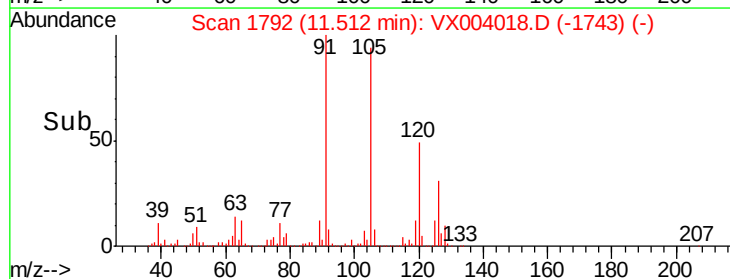
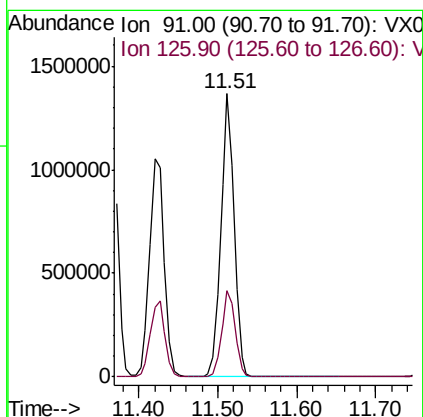
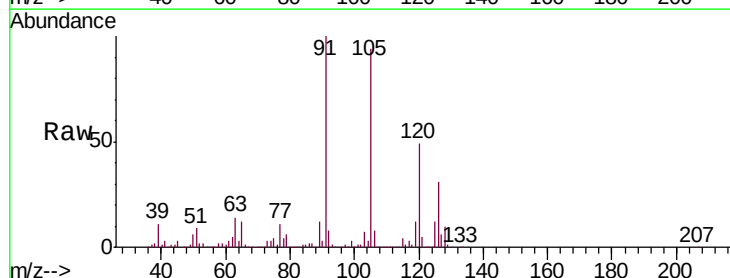
Acq: 14 Aug 2018 01:25

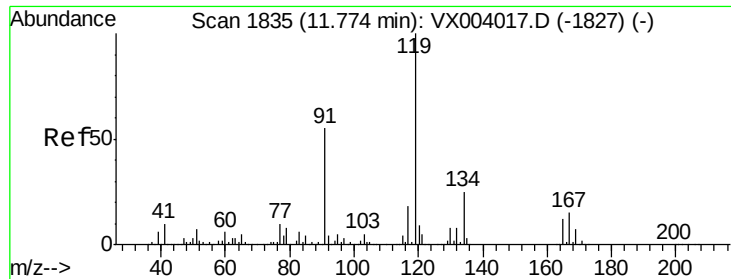
Tgt Ion: 91 Resp: 1602535

Ion Ratio Lower Upper

91 100

126 31.0 15.7 47.1

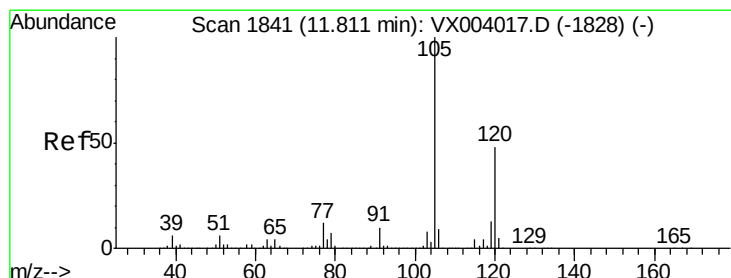
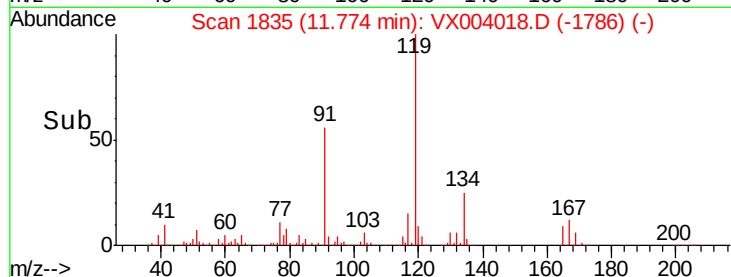
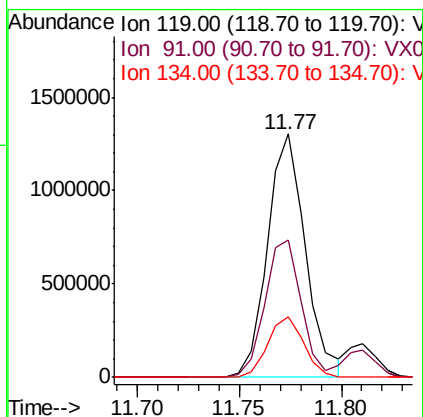
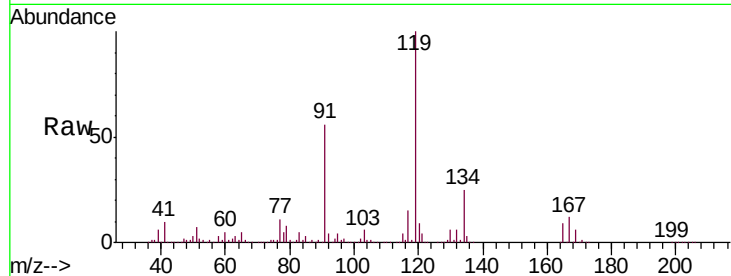




#83
 tert-Butylbenzene
 Concen: 102.069 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

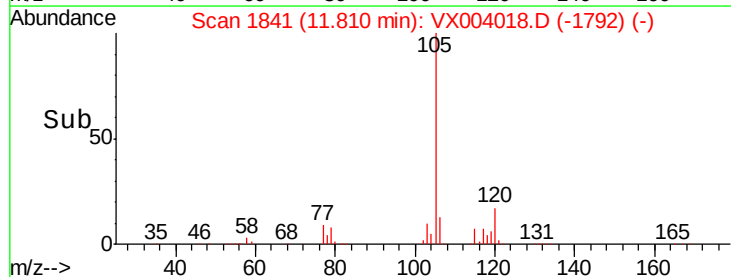
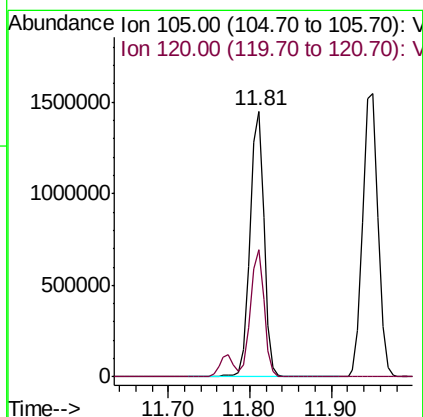
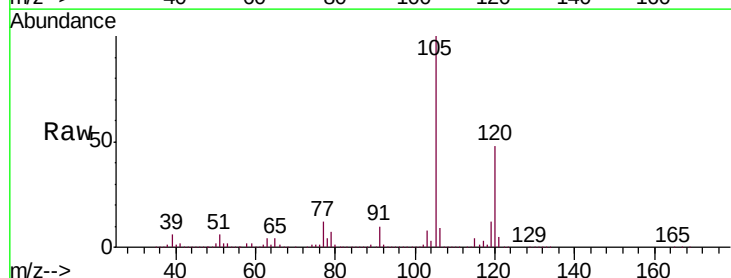
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC1

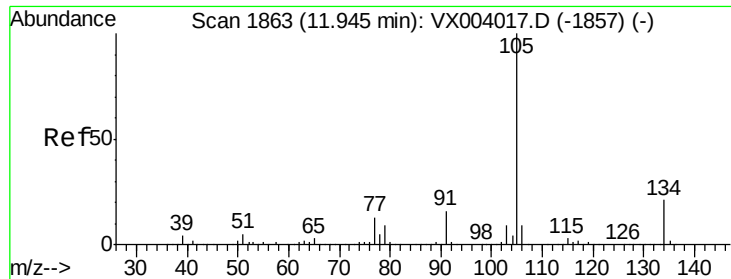
Tgt Ion:119 Resp: 1682692
 Ion Ratio Lower Upper
 119 100
 91 54.3 26.8 80.4
 134 23.8 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 102.008 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Tgt Ion:105 Resp: 1742469
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 103.070 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

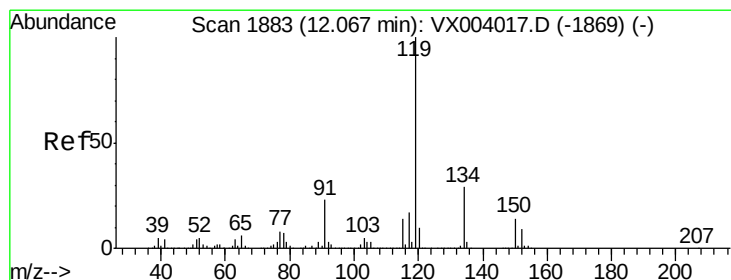
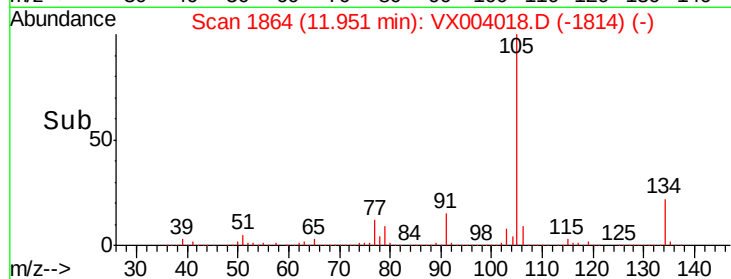
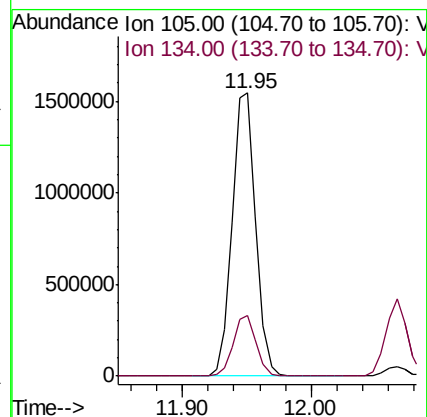
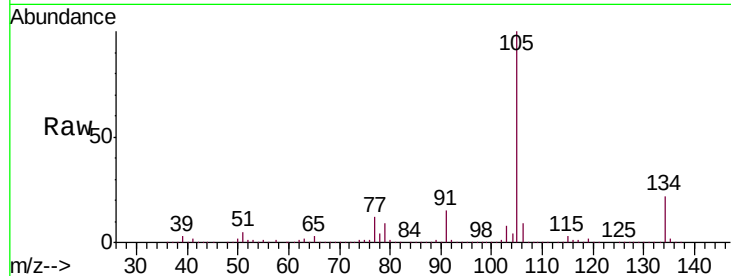
VSTDIC1

Tgt Ion:105 Resp: 1977586

Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8



#86

p-Isopropyltoluene

Concen: 103.532 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

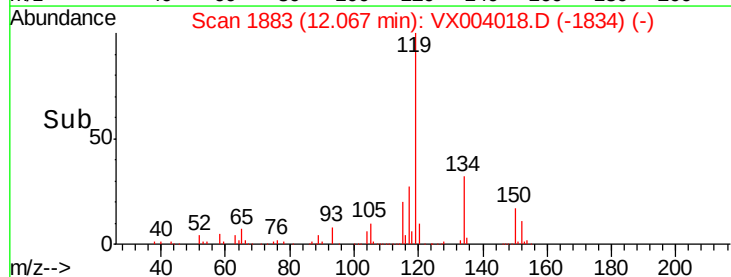
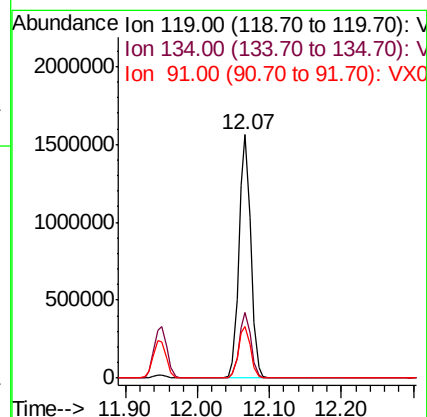
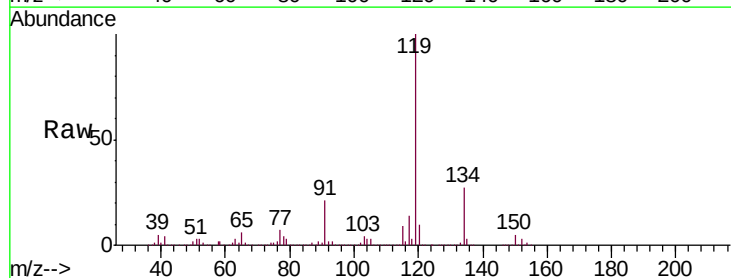
Tgt Ion:119 Resp: 1789974

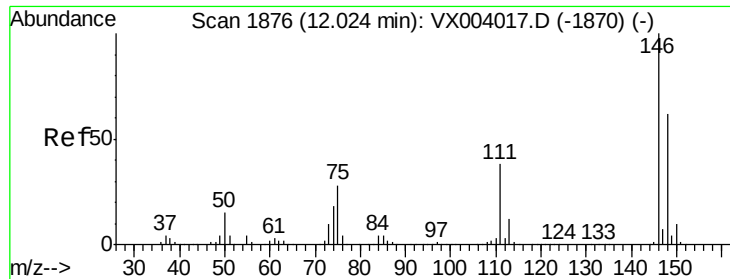
Ion Ratio Lower Upper

119 100

134 26.9 13.8 41.4

91 22.0 11.1 33.3

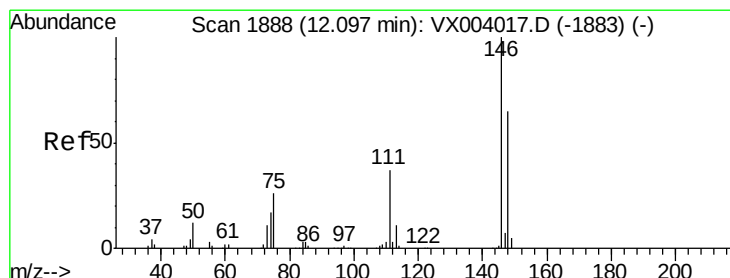
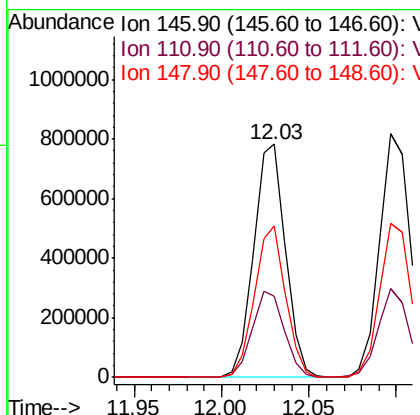
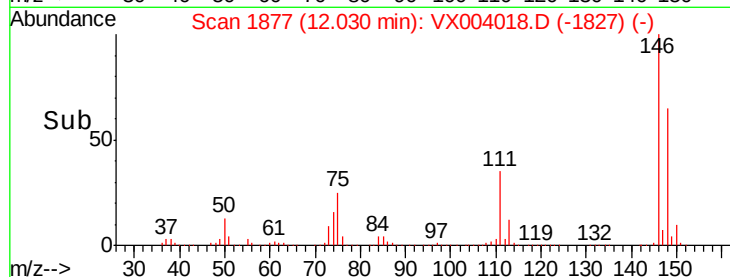
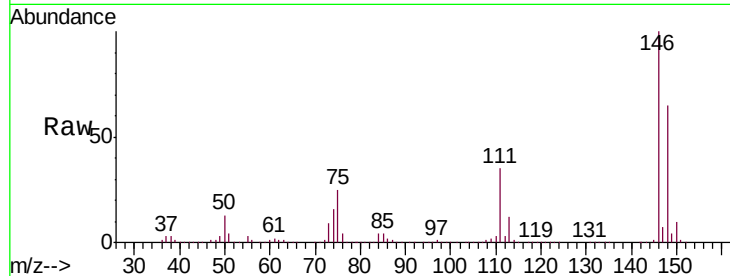




#87
 1,3-Dichlorobenzene
 Concen: 95.772 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

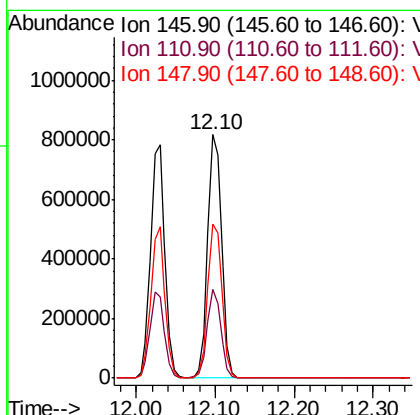
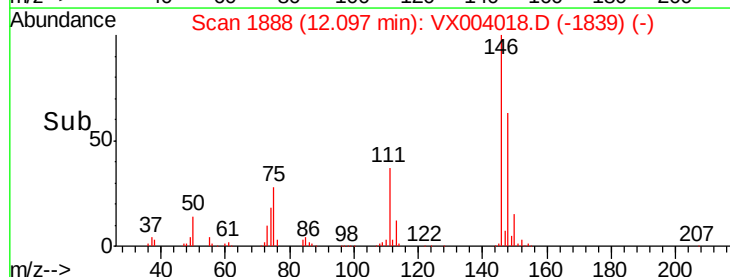
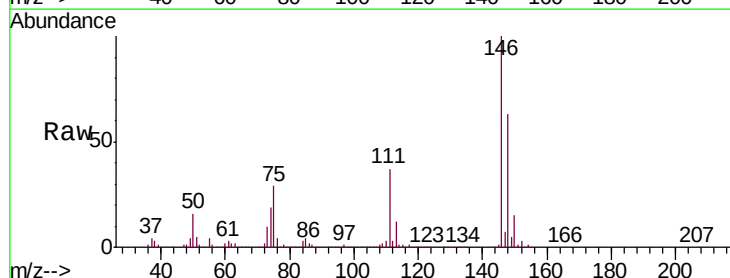
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC1

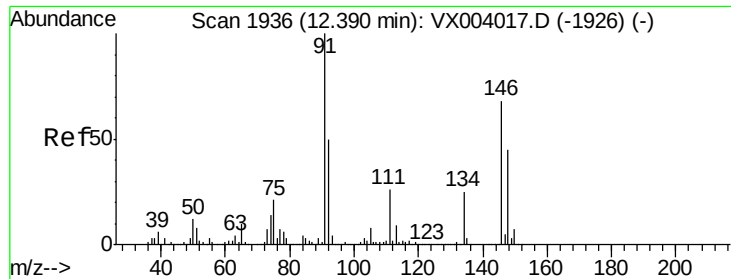
Tgt Ion:146 Resp: 989413
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.8 56.3
 148 63.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 93.479 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Tgt Ion:146 Resp: 1004828
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.3 54.8
 148 64.1 31.9 95.9

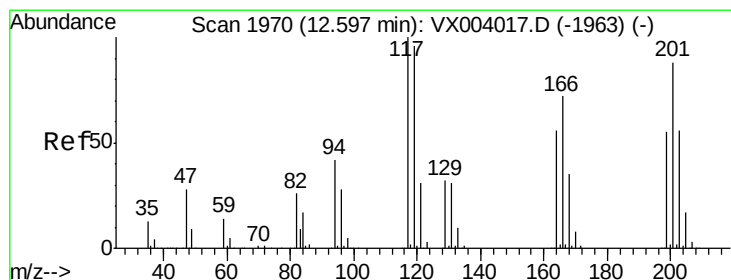
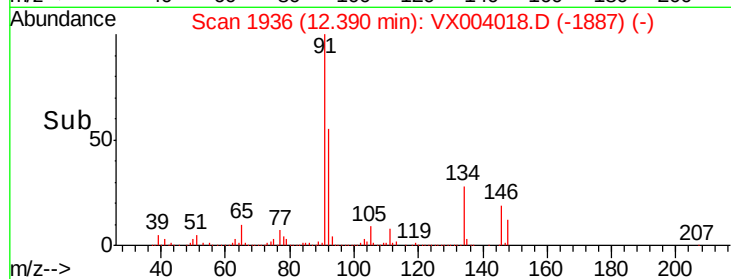
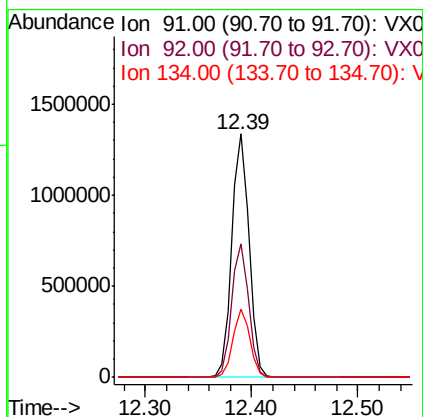
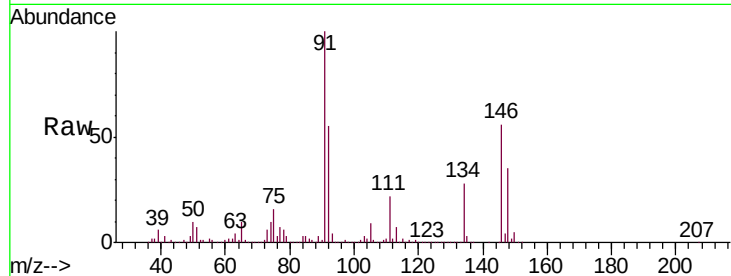




#89
n-Butylbenzene
Concen: 102.318 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

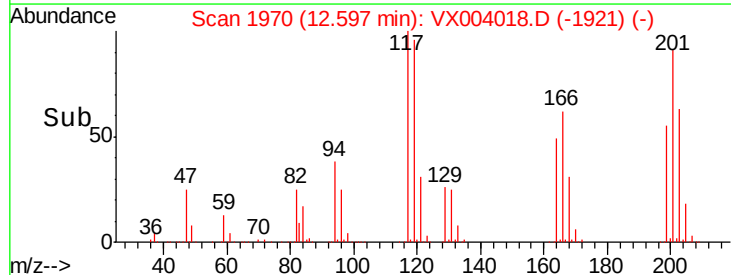
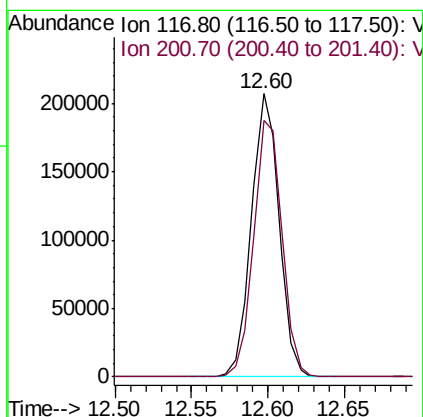
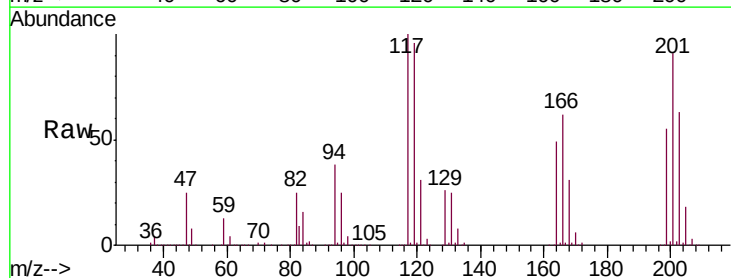
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC1

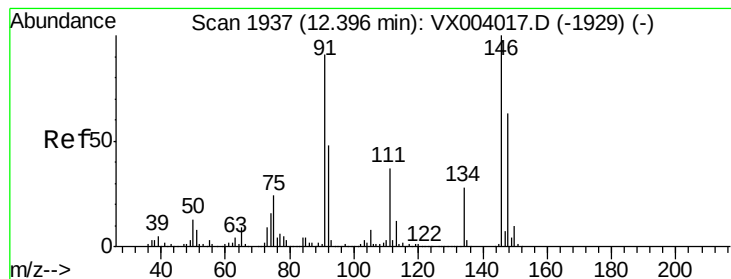
Tgt Ion: 91 Resp: 1526555
Ion Ratio Lower Upper
91 100
92 54.1 26.2 78.6
134 27.4 13.1 39.3



#90
Hexachloroethane
Concen: 94.112 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Tgt Ion: 117 Resp: 260585
Ion Ratio Lower Upper
117 100
201 92.8 46.5 139.3





#91

1,2-Dichlorobenzene

Concen: 94.295 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC1

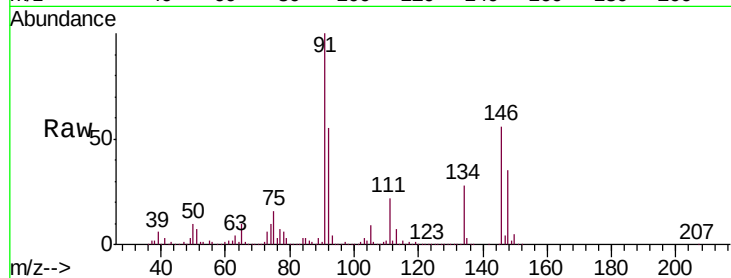
Tgt Ion:146 Resp: 965576

Ion Ratio Lower Upper

146 100

111 39.4 18.9 56.9

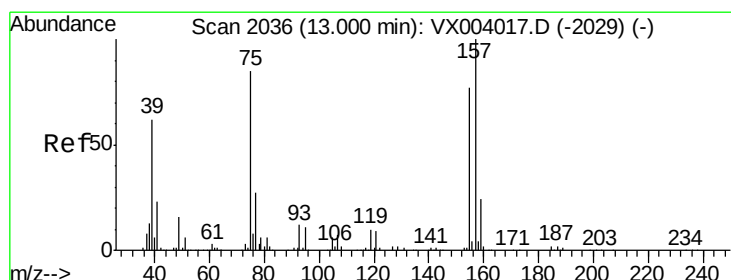
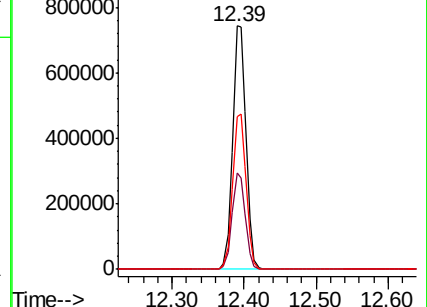
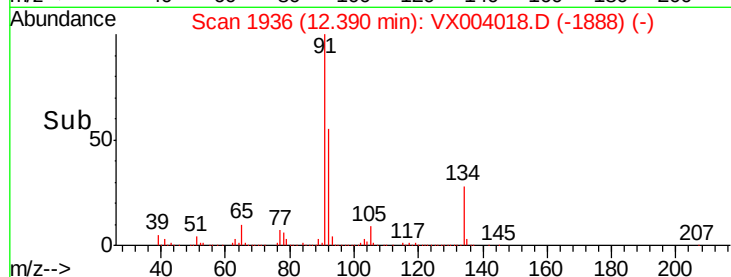
148 64.8 32.3 96.8



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: 85.792 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004018.D

Acq: 14 Aug 2018 01:25

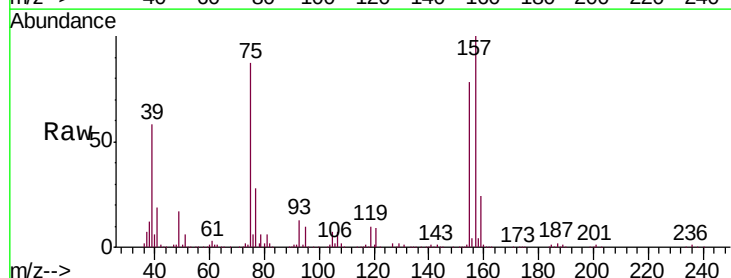
Tgt Ion: 75 Resp: 123729

Ion Ratio Lower Upper

75 100

155 97.5 47.8 143.3

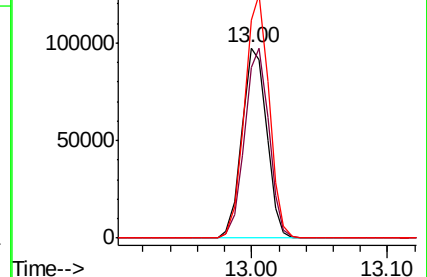
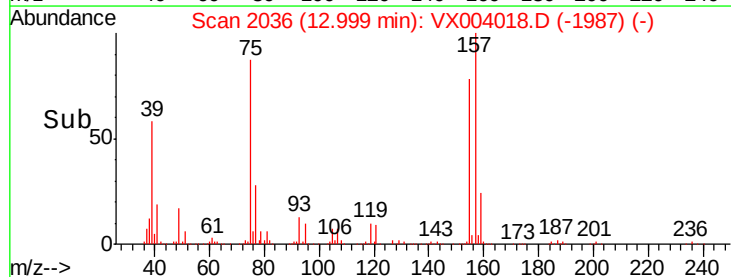
157 125.8 61.4 184.1

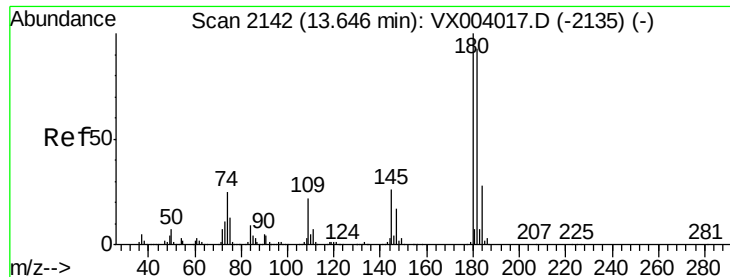


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

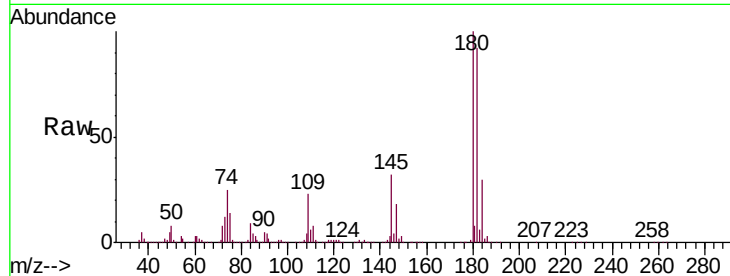




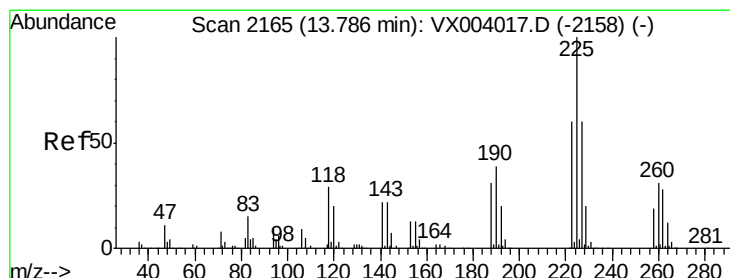
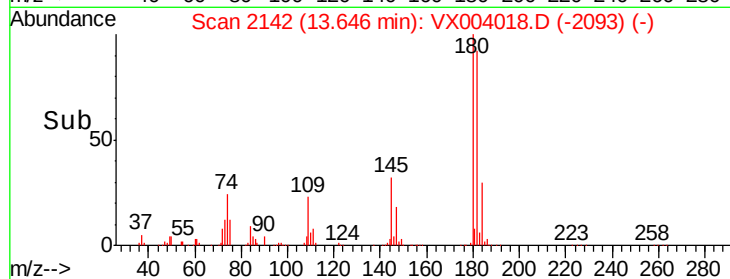
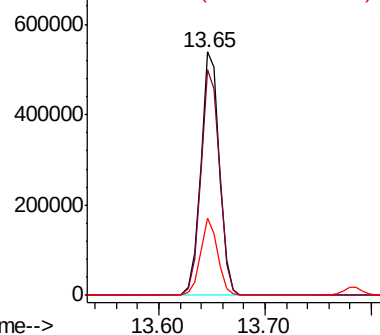
#93
 1,2,4-Trichlorobenzene
 Concen: 91.010 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC1

Tgt Ion:180 Resp: 655424
 Ion Ratio Lower Upper
 180 100
 182 93.5 46.6 139.7
 145 29.4 14.0 42.0

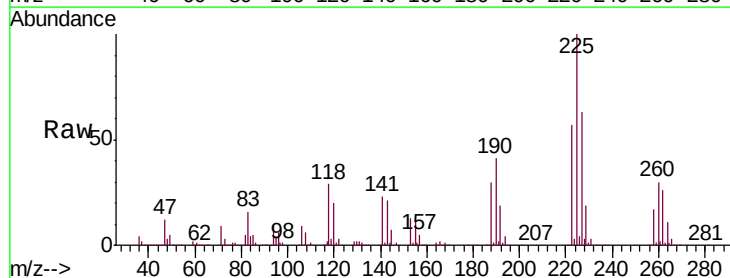


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

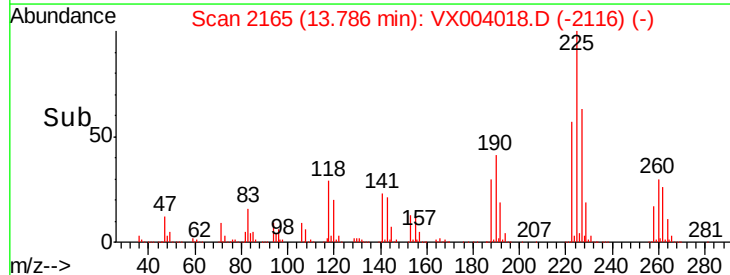
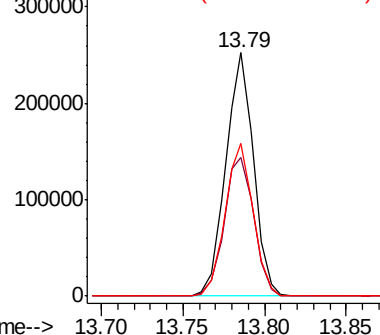


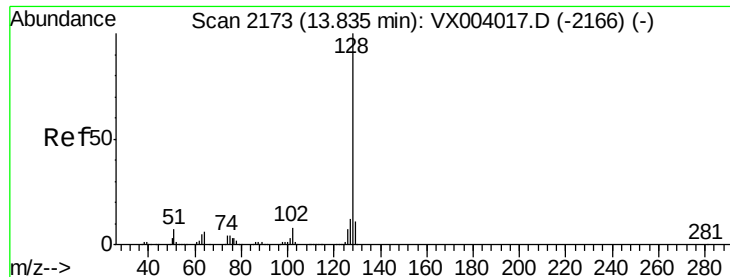
#94
 Hexachlorobutadiene
 Concen: 90.802 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004018.D
 Acq: 14 Aug 2018 01:25

Tgt Ion:225 Resp: 298491
 Ion Ratio Lower Upper
 225 100
 223 61.0 30.9 92.8
 227 63.6 31.6 95.0



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

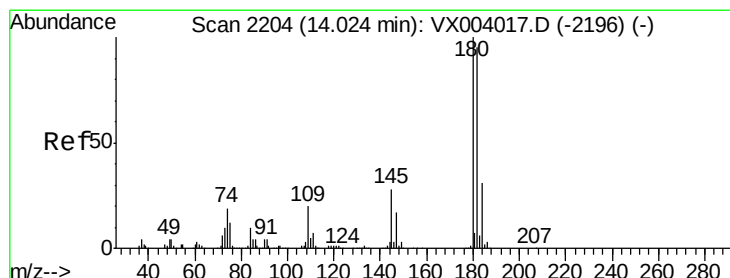
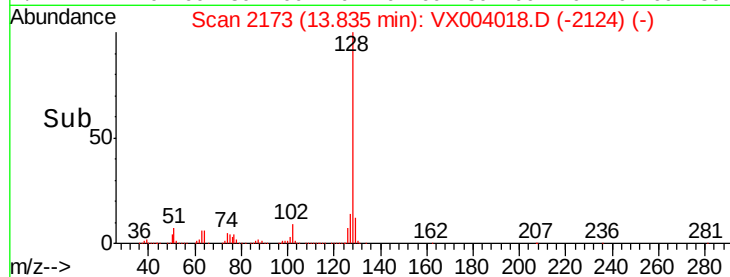
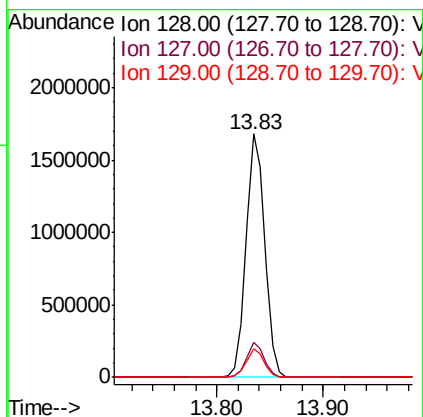
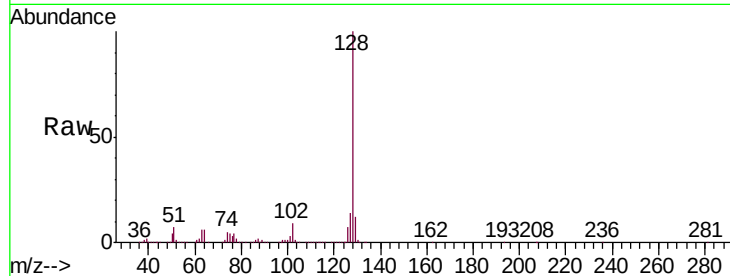




#95
Naphthalene
Concen: 98.823 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC1

Tgt Ion:128 Resp: 2073977
Ion Ratio Lower Upper
128 100
127 13.4 9.9 14.9
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 97.058 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004018.D
Acq: 14 Aug 2018 01:25

Tgt Ion:180 Resp: 707247
Ion Ratio Lower Upper
180 100
182 97.1 48.1 144.4
145 29.7 14.9 44.5

