

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041519\
 Data File : VX008954.D
 Acq On : 15 Apr 2019 11:32
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 16 01:45:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 01:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376640	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157778	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	299483	91.31	ug/l	0.00
Spiked Amount			Recovery	=	182.62%	
35) Dibromofluoromethane	5.50	113	224634	93.91	ug/l	0.00
Spiked Amount			Recovery	=	187.82%	
50) Toluene-d8	8.71	98	876605	92.02	ug/l	0.00
Spiked Amount			Recovery	=	184.04%	
62) 4-Bromofluorobenzene	11.13	95	308743	91.46	ug/l	0.00
Spiked Amount			Recovery	=	182.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	271376	102.573	ug/l	99
3) Chloromethane	1.32	50	299245	83.228	ug/l	99
4) Vinyl Chloride	1.41	62	310418	88.965	ug/l	98
5) Bromomethane	1.64	94	193154	100.265	ug/l	97
6) Chloroethane	1.71	64	178537	76.978	ug/l	97
7) Trichlorofluoromethane	1.92	101	362372	93.479	ug/l	97
8) Diethyl Ether	2.19	74	164863	90.363	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	230838	92.974	ug/l	99
10) Methyl Iodide	2.51	142	262700	124.515	ug/l	100
11) Tert butyl alcohol	3.06	59	346104	453.817	ug/l	99
12) 1,1-Dichloroethene	2.37	96	236788	91.103	ug/l	100
13) Acrolein	2.29	56	313223	716.723	ug/l	100
14) Allyl chloride	2.73	41	544517	91.847	ug/l	99
15) Acrylonitrile	3.15	53	869096	430.710	ug/l	100
16) Acetone	2.45	43	778017	418.284	ug/l	99
17) Carbon Disulfide	2.57	76	706634	84.698	ug/l	99
18) Methyl Acetate	2.78	43	390244	85.741	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	865269	93.516	ug/l	100
20) Methylene Chloride	2.85	84	262386	83.541	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	252158	89.593	ug/l	97
22) Diisopropyl ether	3.86	45	1018606	89.338	ug/l	88
23) Vinyl Acetate	3.82	43	4665151	469.506	ug/l	100
24) 1,1-Dichloroethane	3.70	63	511820	90.725	ug/l	100
25) 2-Butanone	4.68	43	1298566	439.558	ug/l	98
26) 2,2-Dichloropropane	4.58	77	391801	97.834	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	288920	89.642	ug/l	99
28) Bromochloromethane	5.02	49	220687	83.090	ug/l	99
29) Tetrahydrofuran	5.13	42	861982	438.034	ug/l	100
30) Chloroform	5.21	83	460355	91.187	ug/l	100
31) Cyclohexane	5.72	56	582180	102.922	ug/l	# 20
32) 1,1,1-Trichloroethane	5.49	97	392786	96.045	ug/l	100
36) 1,1-Dichloropropene	5.80	75	370005	91.359	ug/l	100
37) Ethyl Acetate	4.84	43	498228	92.528	ug/l	100
38) Carbon Tetrachloride	5.79	117	333298	99.229	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	465446	92.918	ug/l	99
40) Benzene	6.15	78	1103944	91.509	ug/l	100
41) Methacrylonitrile	5.04	41	278076	89.559	ug/l	99
42) 1,2-Dichloroethane	6.19	62	388464	89.865	ug/l	99
43) Isopropyl Acetate	6.45	43	788436	93.278	ug/l	100
44) Trichloroethene	7.21	130	268534	95.082	ug/l	97
45) 1,2-Dichloropropane	7.51	63	309662	90.251	ug/l	100
46) Dibromomethane	7.66	93	179668	89.971	ug/l	99
47) Bromodichloromethane	7.90	83	362102	96.171	ug/l	99
48) Methyl methacrylate	7.77	41	389005	91.203	ug/l	100
49) 1,4-Dioxane	7.74	88	137027	1726.978	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2384516	439.063	ug/l	99
52) Toluene	8.79	92	651570	91.639	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	430615	101.652	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	477727	98.991	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	258331	90.450	ug/l	99
56) Ethyl methacrylate	9.18	69	471195	91.489	ug/l	100
57) 1,3-Dichloropropane	9.37	76	461411	90.170	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1281136	482.489	ug/l	100
59) 2-Hexanone	9.49	43	1845427	437.014	ug/l	100
60) Dibromochloromethane	9.59	129	270820	100.426	ug/l	98
61) 1,2-Dibromoethane	9.67	107	269652	90.714	ug/l	99
64) Tetrachloroethene	9.34	164	237011	98.843	ug/l	98
65) Chlorobenzene	10.14	112	656170	92.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	243646	98.116	ug/l	99
67) Ethyl Benzene	10.25	91	1227288	93.209	ug/l	99
68) m/p-Xylenes	10.36	106	897025	189.204	ug/l	100
69) o-Xylene	10.70	106	430311	93.630	ug/l	99
70) Styrene	10.71	104	761148	96.069	ug/l	100
71) Bromoform	10.86	173	200569	105.224	ug/l #	99
73) Isopropylbenzene	11.02	105	1148126	89.884	ug/l	100
74) N-amyl acetate	10.90	43	673210	89.643	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	404156	83.419	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	502373	118.711	ug/l	77
77) Bromobenzene	11.26	156	279256	90.432	ug/l	98
78) n-propylbenzene	11.36	91	1339482	90.109	ug/l	99
79) 2-Chlorotoluene	11.42	91	781005	86.861	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	973845	90.972	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	157074	101.472	ug/l	97
82) 4-Chlorotoluene	11.51	91	912699	87.648	ug/l	99
83) tert-Butylbenzene	11.77	119	946318	91.780	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	974876	89.894	ug/l	100
85) sec-Butylbenzene	11.94	105	1118646	91.327	ug/l	99
86) p-Isopropyltoluene	12.07	119	1021470	92.627	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	502185	90.885	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	499177	89.074	ug/l	99
89) n-Butylbenzene	12.39	91	967039	93.604	ug/l	99
90) Hexachloroethane	12.60	117	176228	96.256	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	494458	90.140	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	97196	90.929	ug/l	99

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VSTDICC100

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Quant Title : SW846 8260
QLast Update : Tue Apr 16 01:38:37 2019
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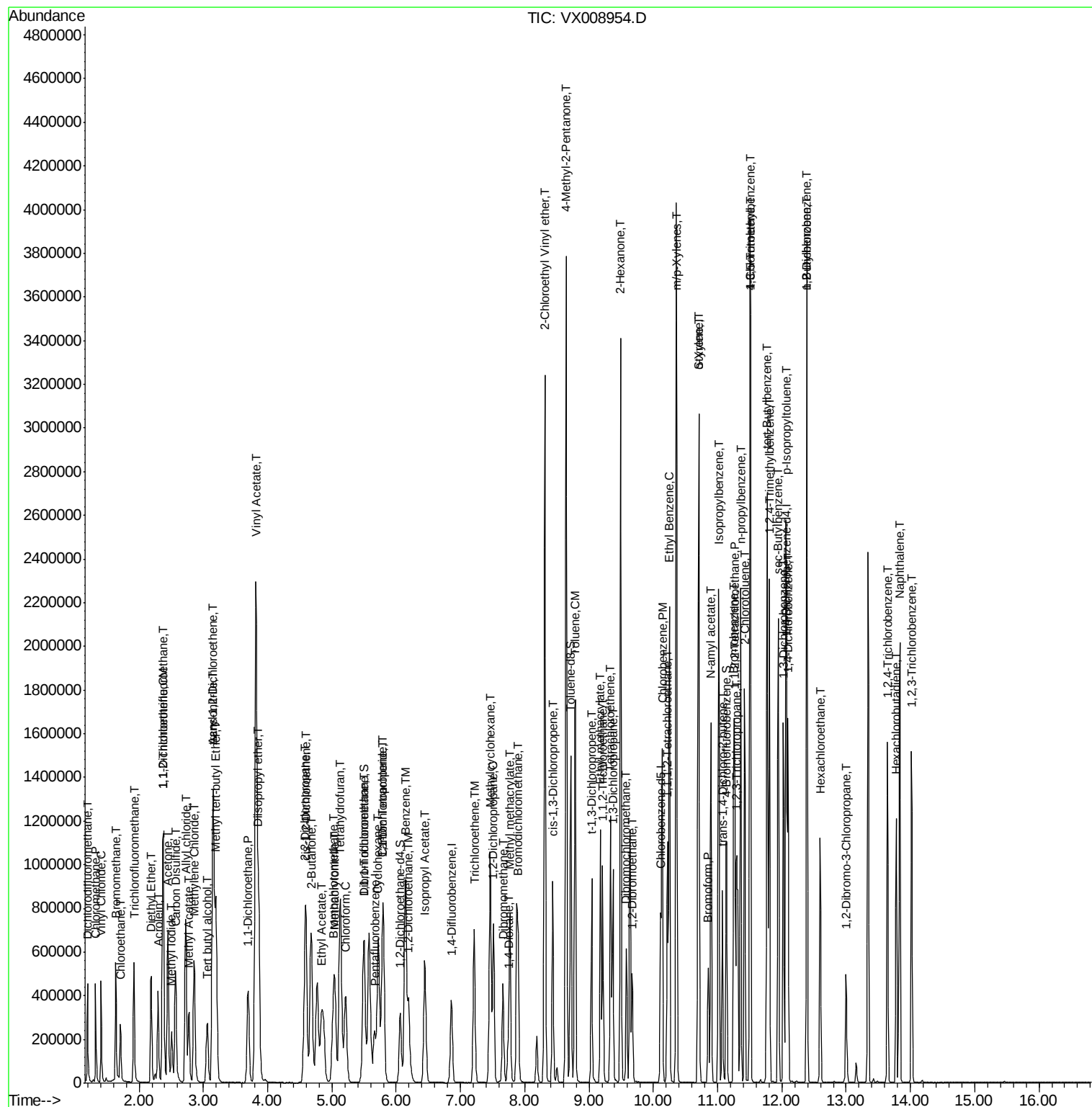
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	368089	95.696	ug/l	99
94) Hexachlorobutadiene	13.78	225	180047	97.666	ug/l	99
95) Naphthalene	13.83	128	1185627	93.078	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	360334	93.955	ug/l	99

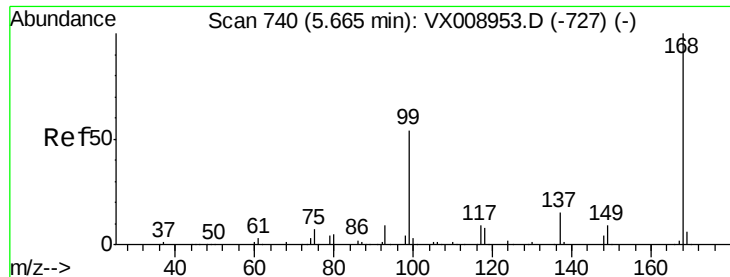
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ClientSampleID :
 VSTDICC100

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

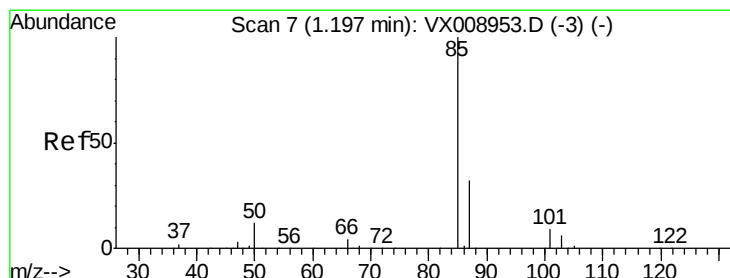
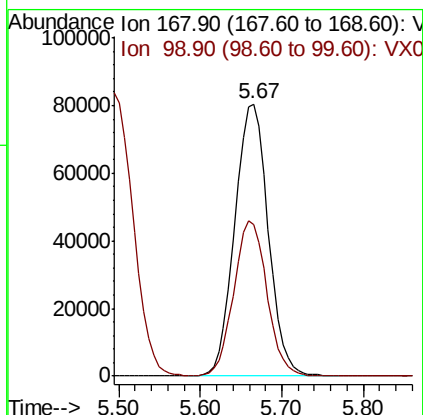
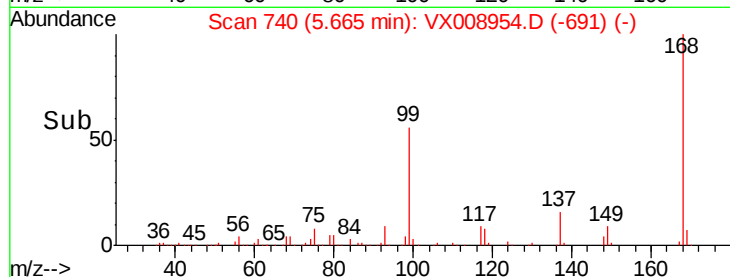
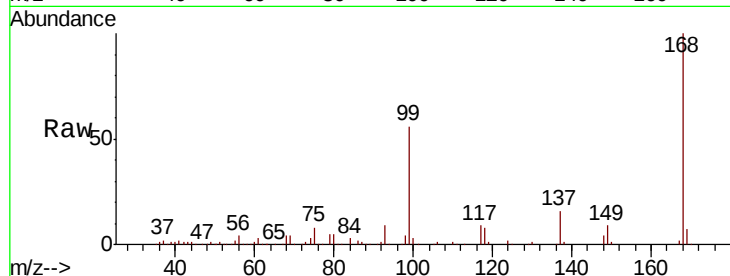
VSTDIC100

Tot Ion:168 Resp: 229002

Ion Ratio Lower Upper

168 100

99 55.6 43.0 64.6



#2

Dichlorodifluoromethane

Concen: 102.573 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008954.D

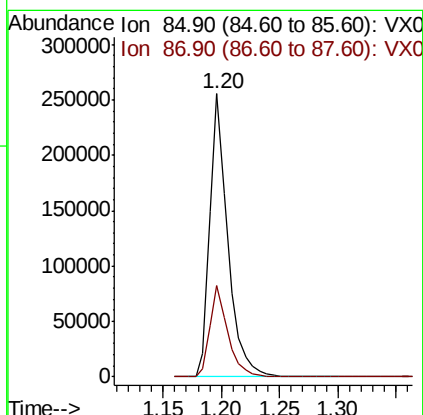
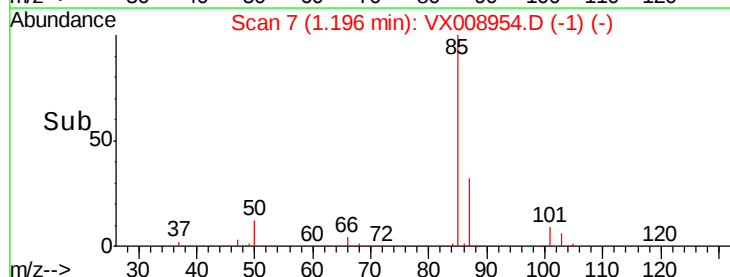
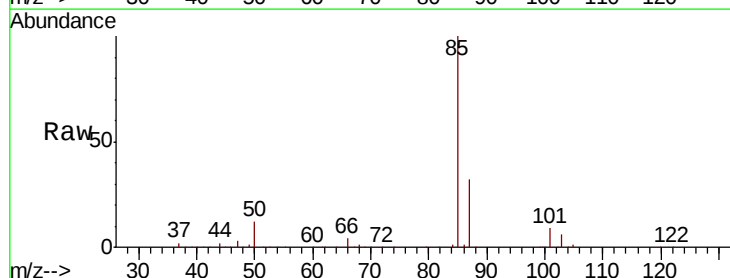
Acq: 15 Apr 2019 11:32

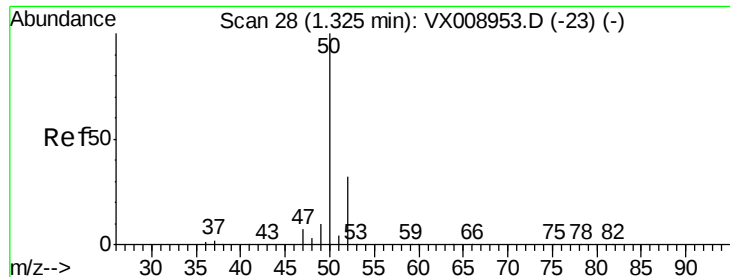
Tgt Ion: 85 Resp: 271376

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9





#3

Chloromethane

Concen: 83.228 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

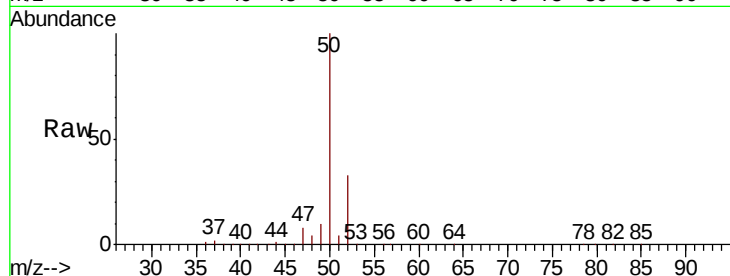
VSTDIC100

Tot Ion: 50 Resp: 299245

Ion Ratio Lower Upper

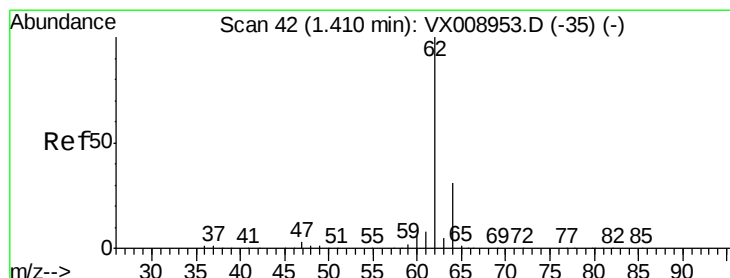
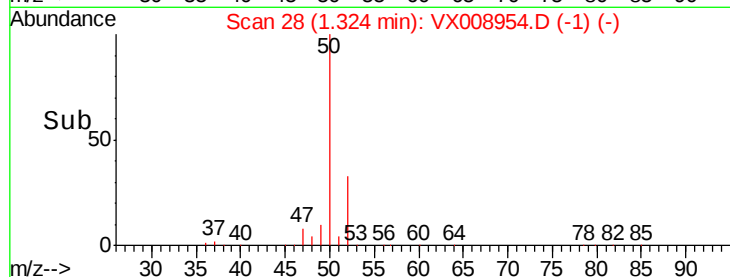
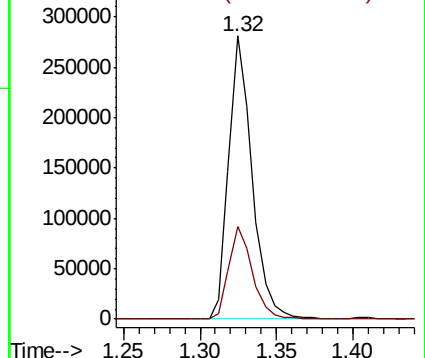
50 100

52 32.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 88.965 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008954.D

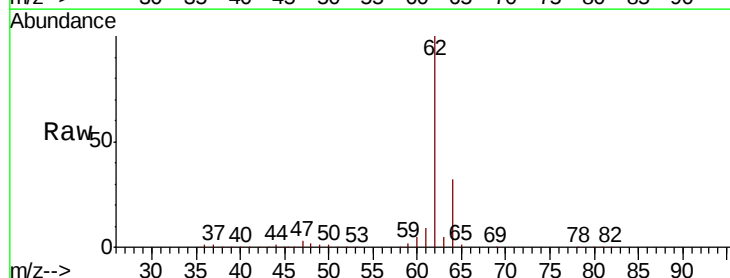
Acq: 15 Apr 2019 11:32

Tgt Ion: 62 Resp: 310418

Ion Ratio Lower Upper

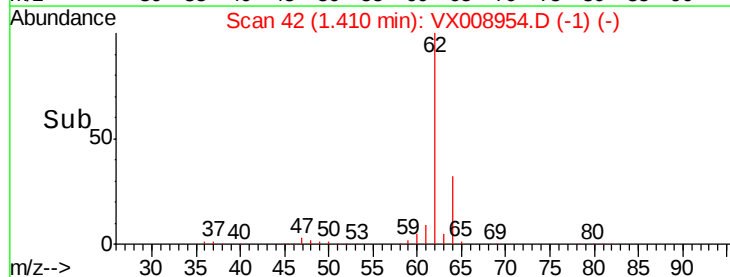
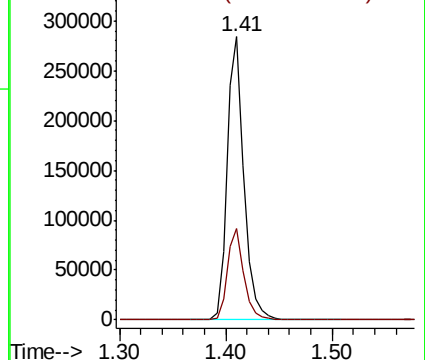
62 100

64 32.1 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 100.265 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

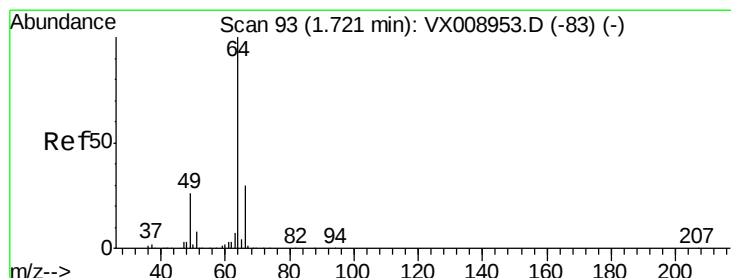
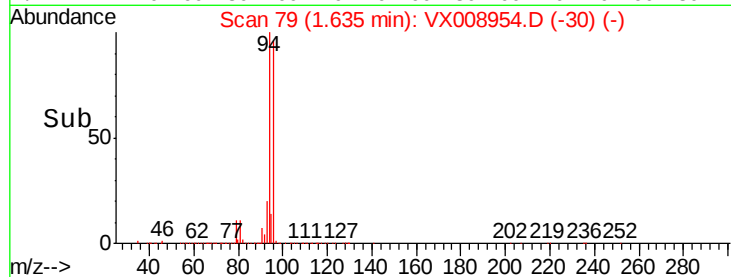
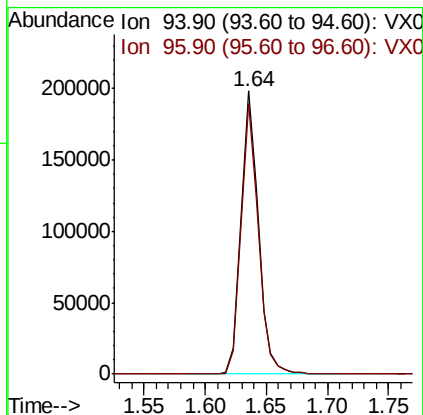
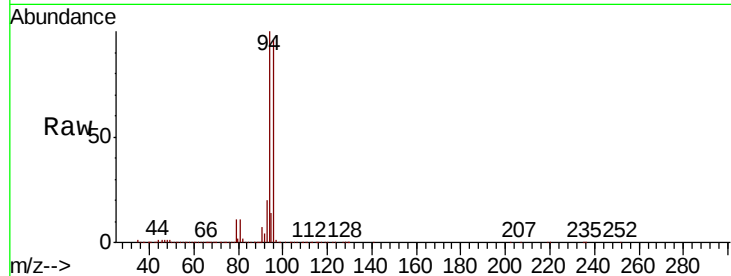
VSTDIC100

Tot Ion: 94 Resp: 193154

Ion Ratio Lower Upper

94 100

96 95.6 73.9 110.9



#6

Chloroethane

Concen: 76.978 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008954.D

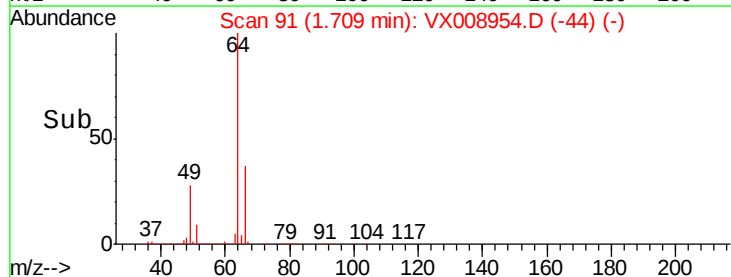
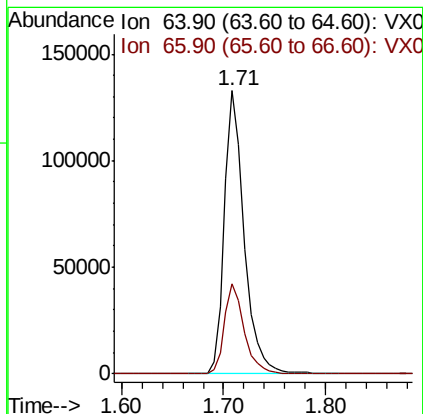
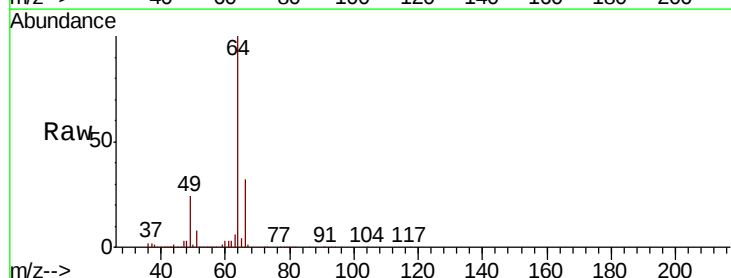
Acq: 15 Apr 2019 11:32

Tgt Ion: 64 Resp: 178537

Ion Ratio Lower Upper

64 100

66 31.7 24.2 36.2



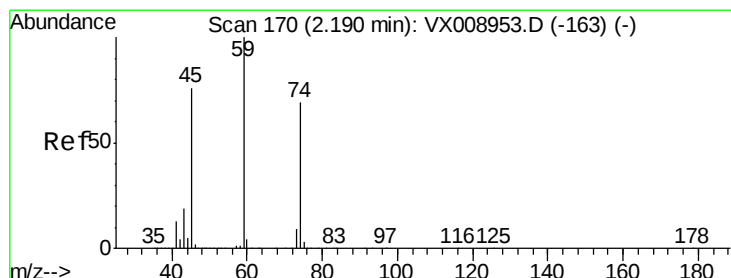
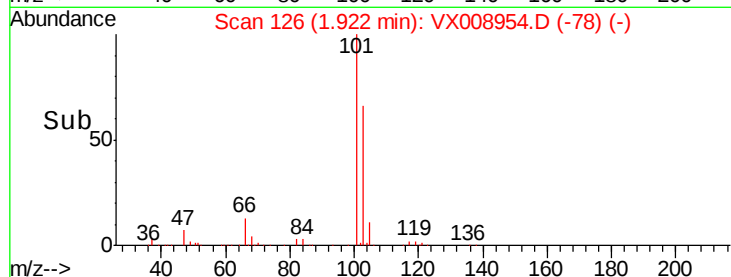
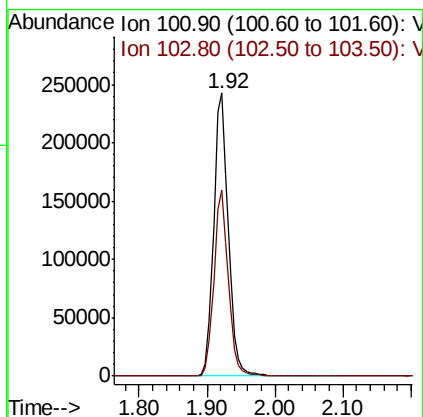
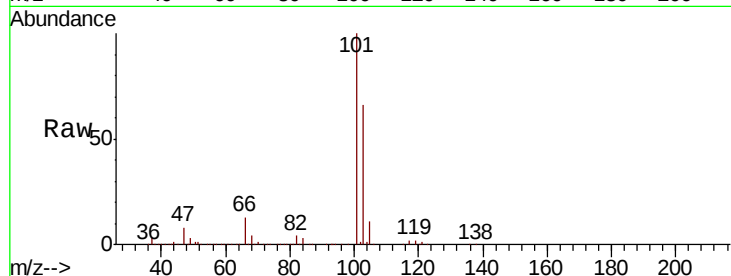


#7

Trichlorofluoromethane
Concen: 93.479 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

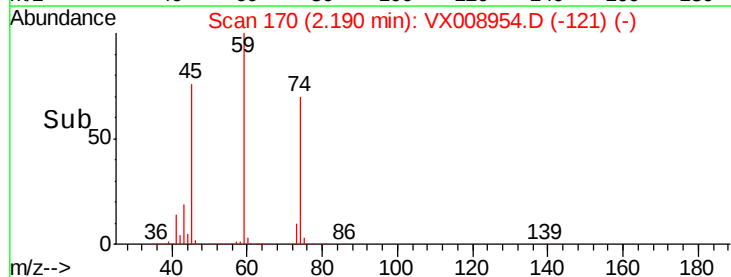
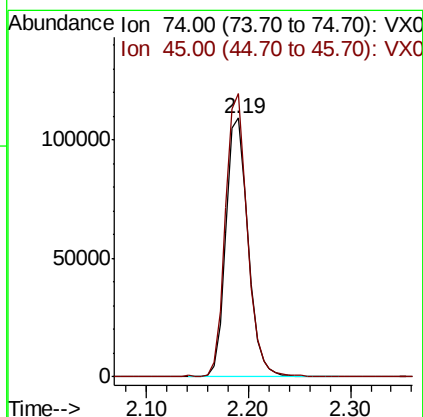
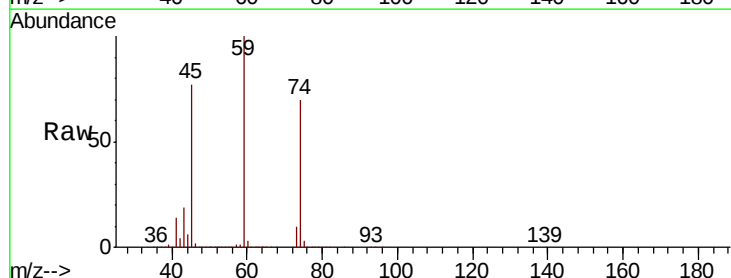
Tot Ion:101 Resp: 362372
Ion Ratio Lower Upper
101 100
103 65.9 51.0 76.6

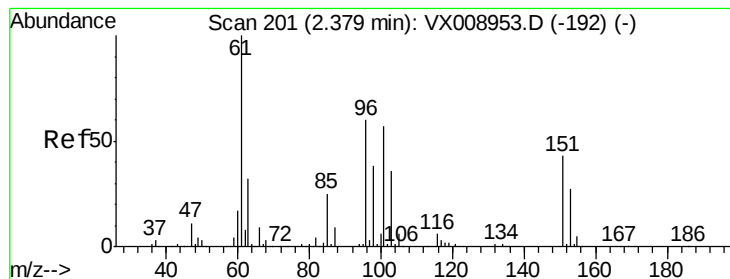


#8

Diethyl Ether
Concen: 90.363 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Tgt Ion: 74 Resp: 164863
Ion Ratio Lower Upper
74 100
45 108.3 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 92.974 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

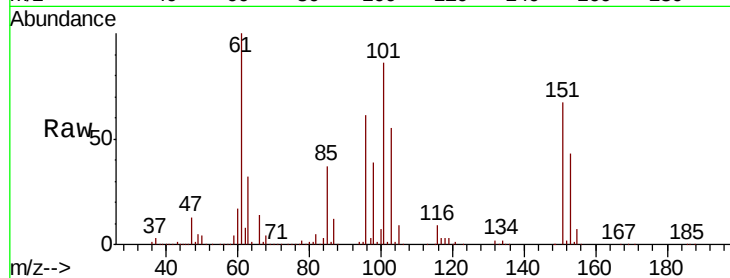
Tot Ion:101 Resp: 230838

Ion Ratio Lower Upper

101 100

85 43.8 35.7 53.5

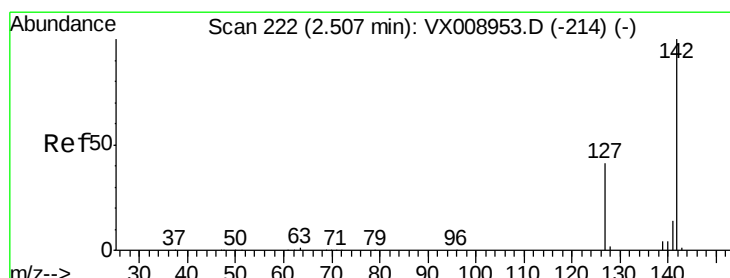
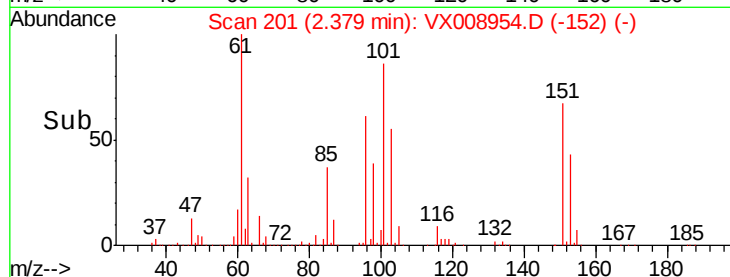
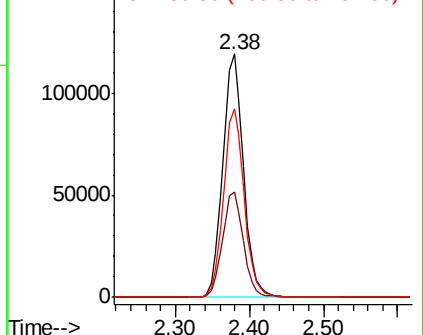
151 77.4 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 124.515 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

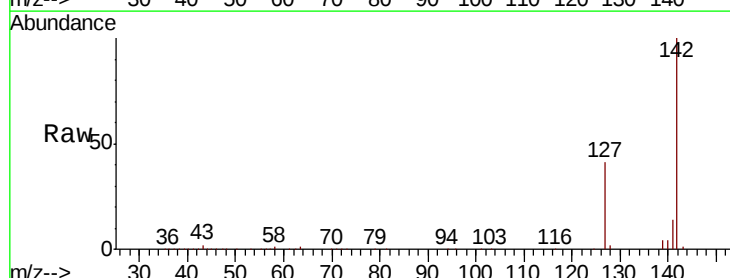
Tgt Ion:142 Resp: 262700

Ion Ratio Lower Upper

142 100

127 41.2 32.8 49.2

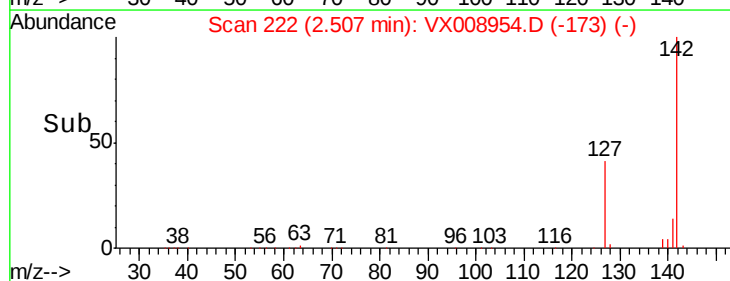
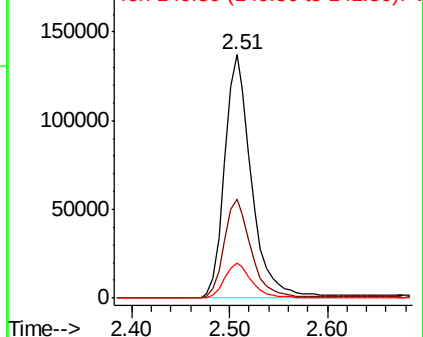
141 14.6 11.4 17.2

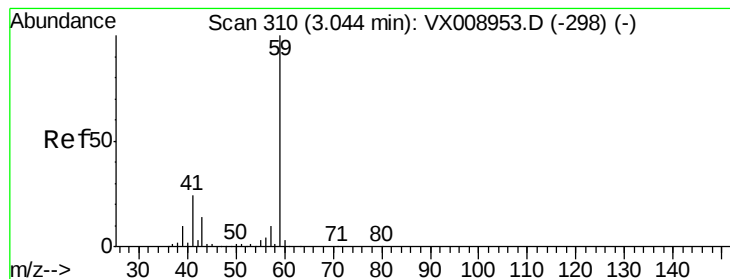


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



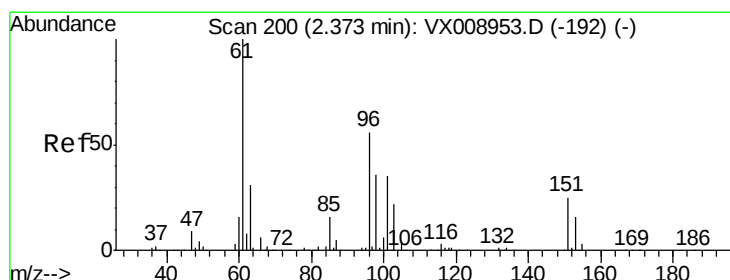
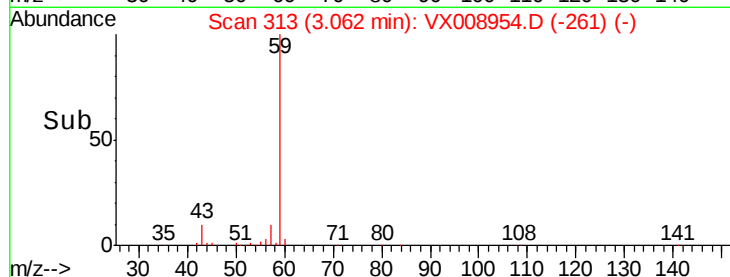
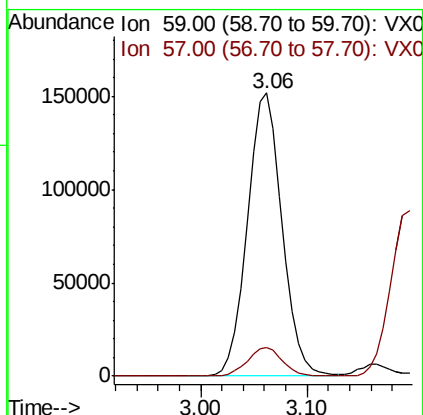
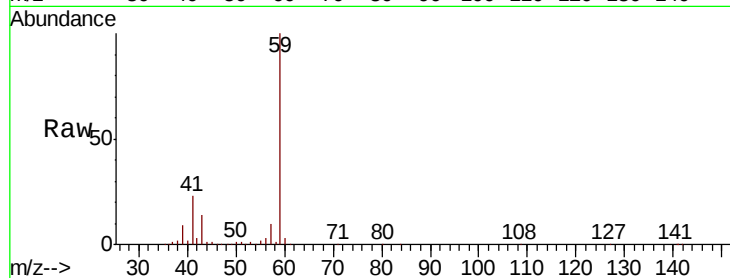


#11

Tert butyl alcohol
 Concen: 453.817 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. 0.02 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

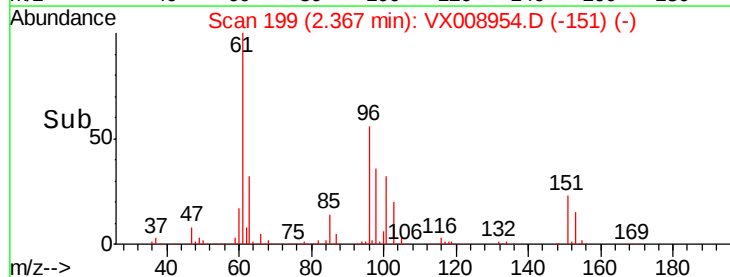
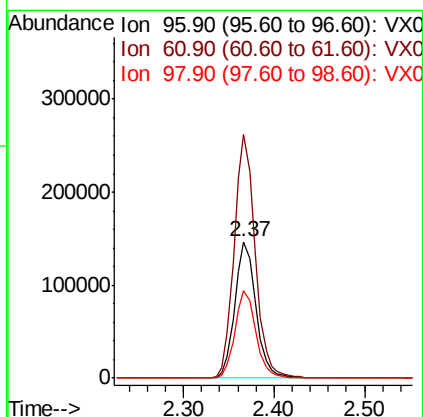
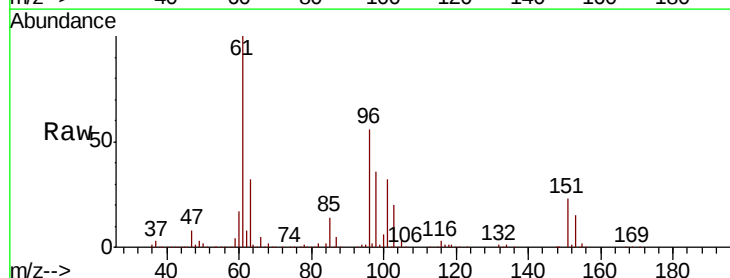
Tot Ion: 59 Resp: 346104
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

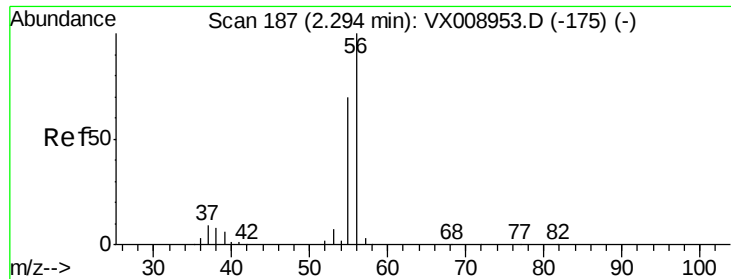


#12

1,1-Dichloroethene
 Concen: 91.103 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

Tgt Ion: 96 Resp: 236788
 Ion Ratio Lower Upper
 96 100
 61 178.2 142.2 213.2
 98 63.6 50.9 76.3





#13

Acrolein

Concen: 716.723 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

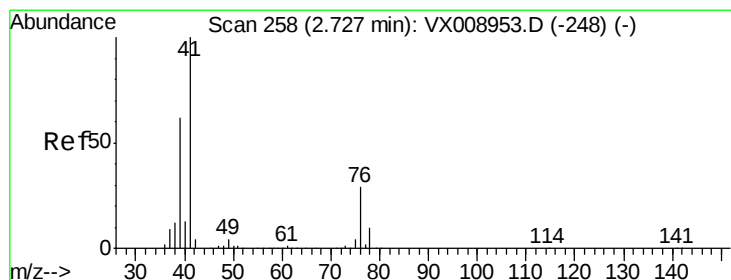
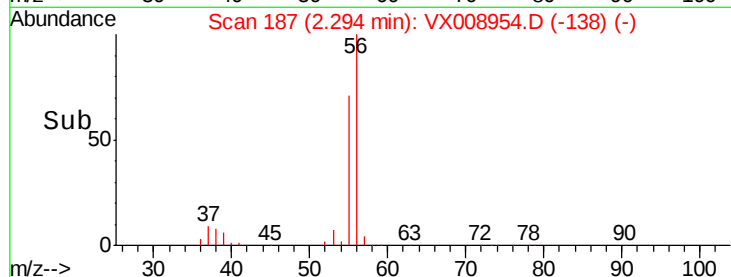
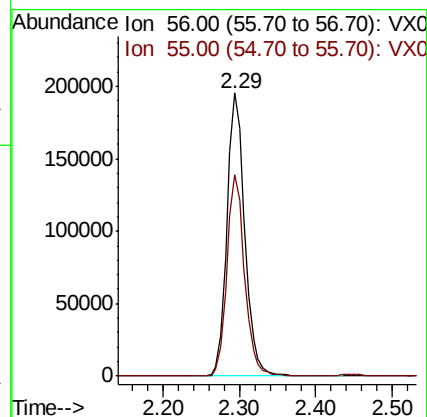
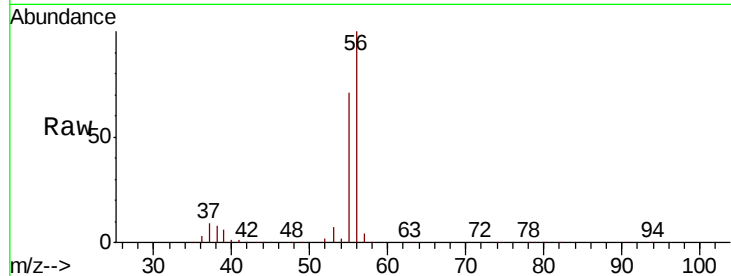
VSTDIC100

Tot Ion: 56 Resp: 313223

Ion Ratio Lower Upper

56 100

55 70.9 56.6 84.8



#14

Allyl chloride

Concen: 91.847 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

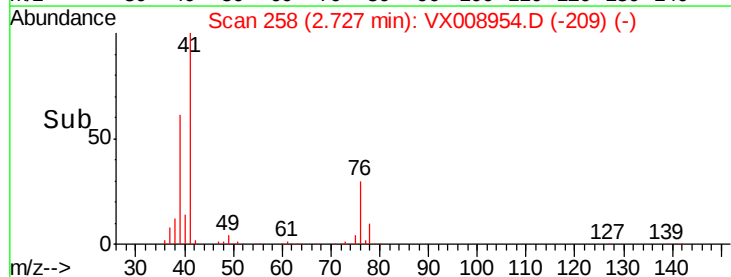
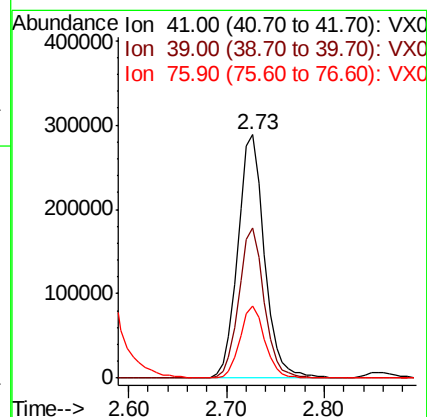
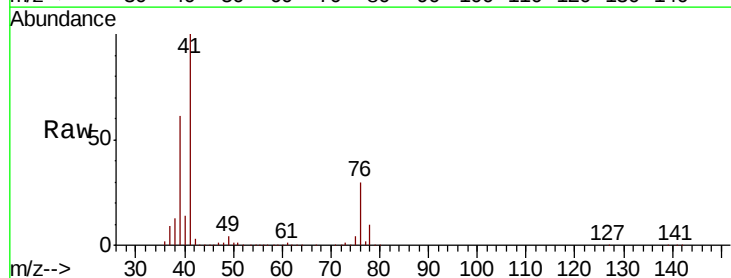
Tgt Ion: 41 Resp: 544517

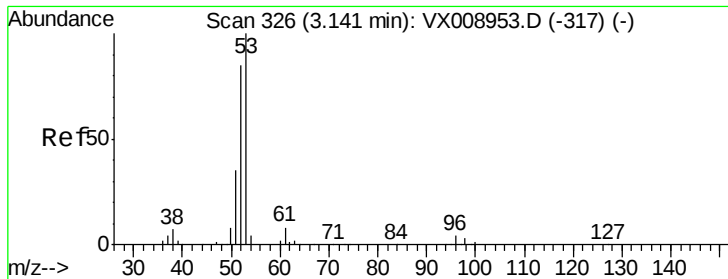
Ion Ratio Lower Upper

41 100

39 59.1 46.7 70.1

76 28.0 22.0 33.0





#15

Acrylonitrile

Concen: 430.710 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

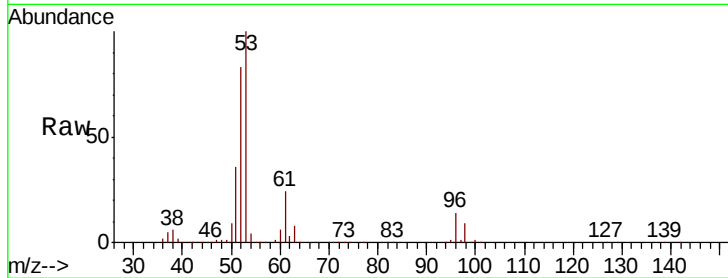
Tot Ion: 53 Resp: 869096

Ion Ratio Lower Upper

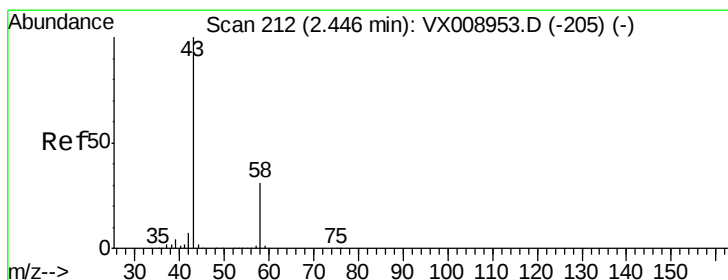
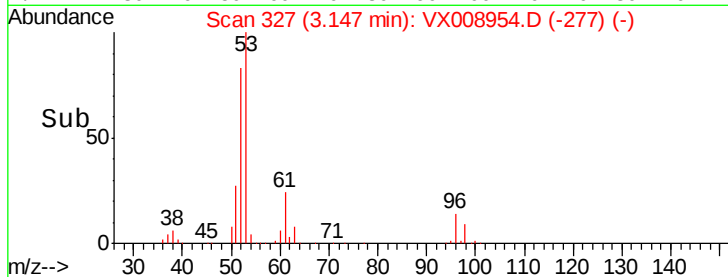
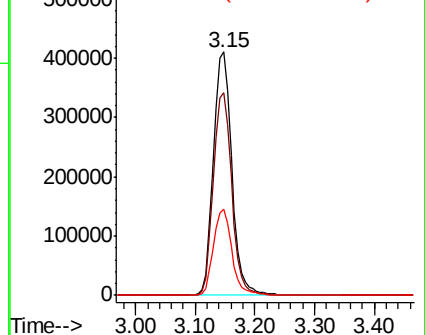
53 100

52 83.5 66.6 100.0

51 35.6 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 418.284 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008954.D

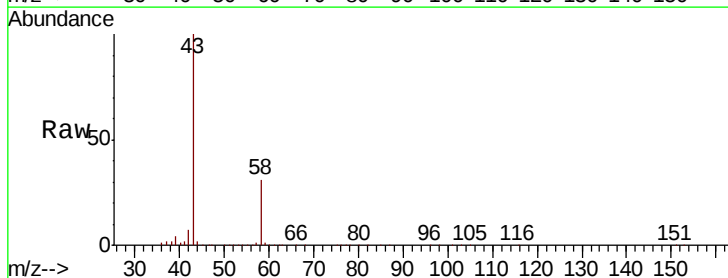
Acq: 15 Apr 2019 11:32

Tgt Ion: 43 Resp: 778017

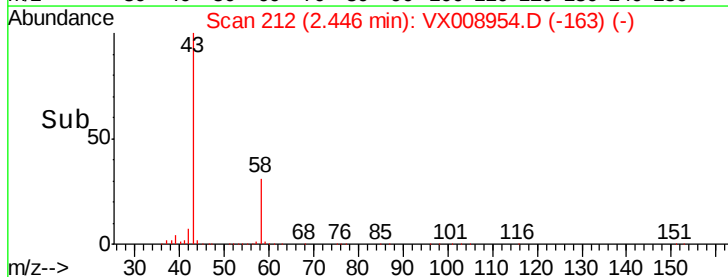
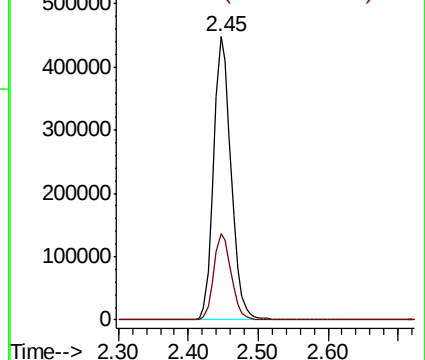
Ion Ratio Lower Upper

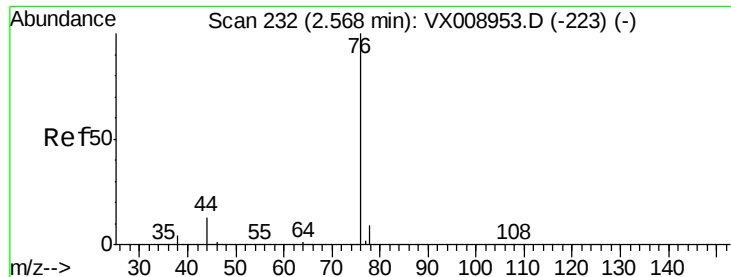
43 100

58 30.7 24.8 37.2



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

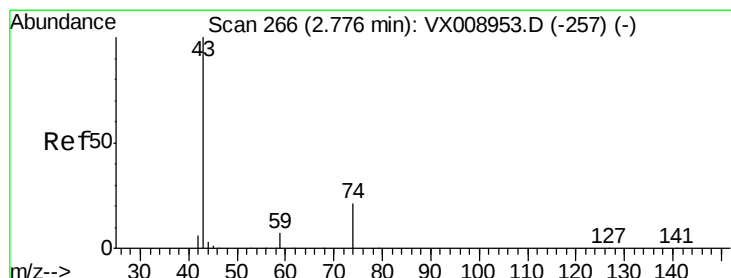
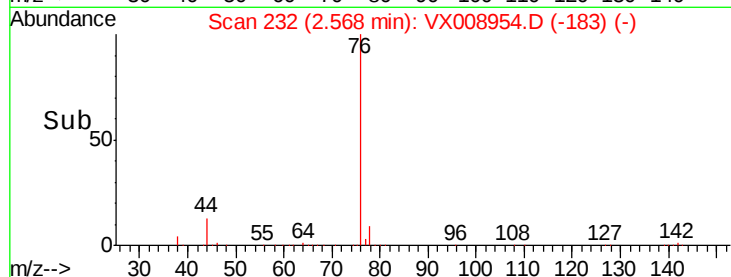
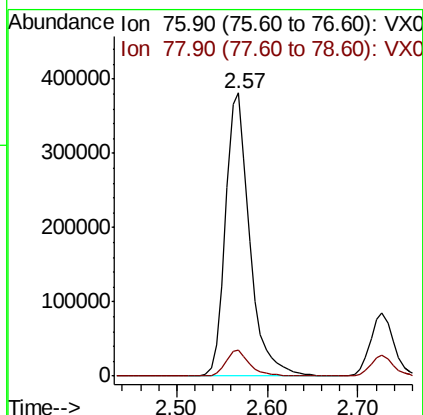
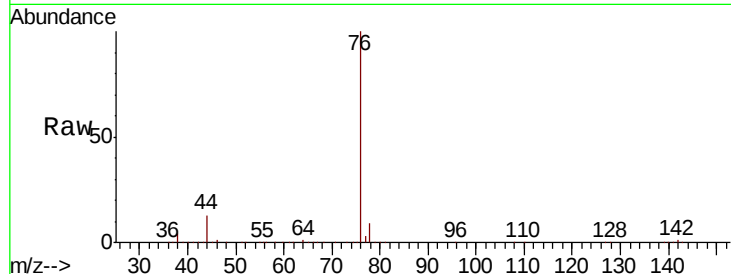




#17
Carbon Disulfide
Concen: 84.698 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

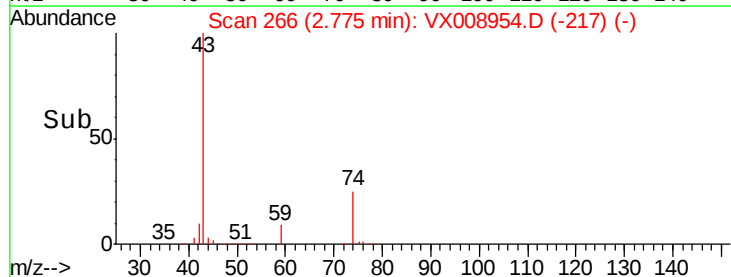
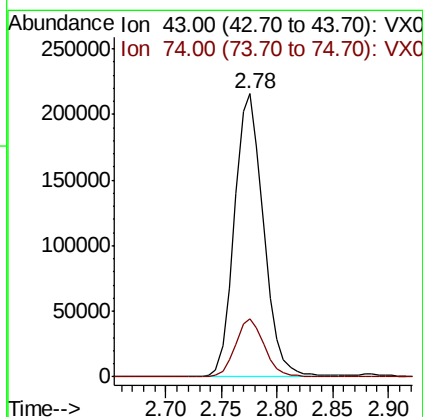
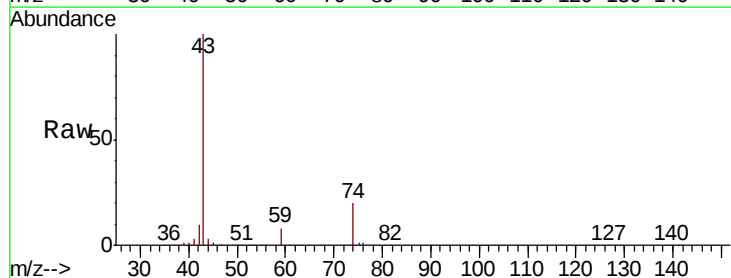
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

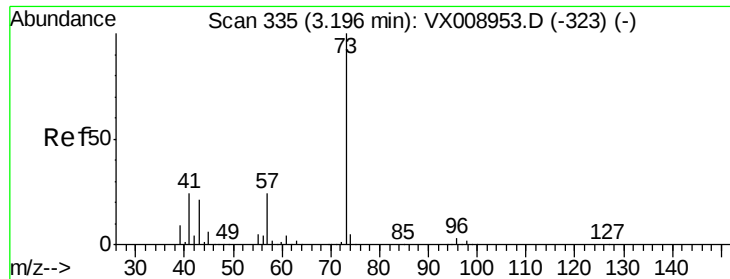
Tot Ion: 76 Resp: 706634
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 85.741 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Tgt Ion: 43 Resp: 390244
Ion Ratio Lower Upper
43 100
74 20.6 16.6 25.0

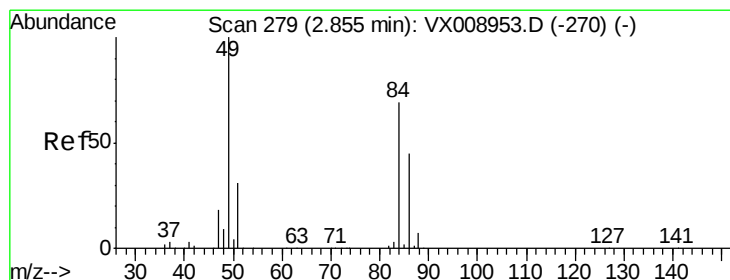
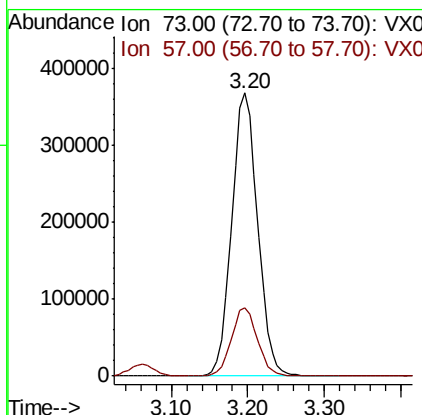
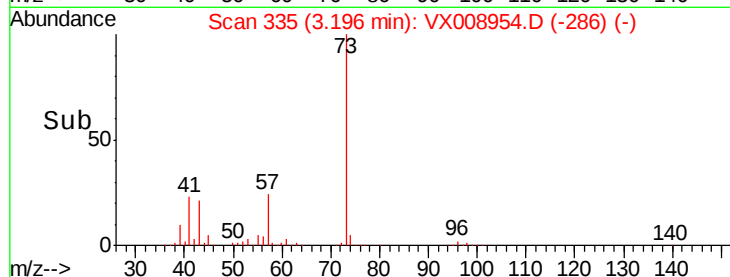
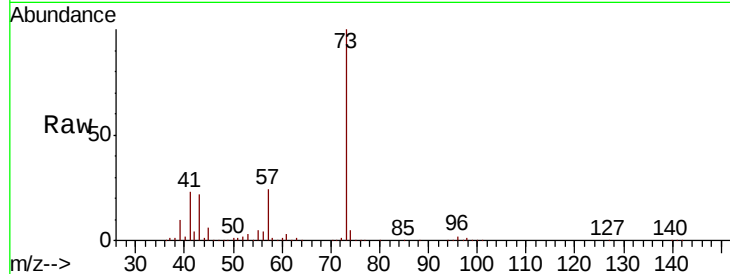




#19
Methvl tert-butvl Ether
Concen: 93.516 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

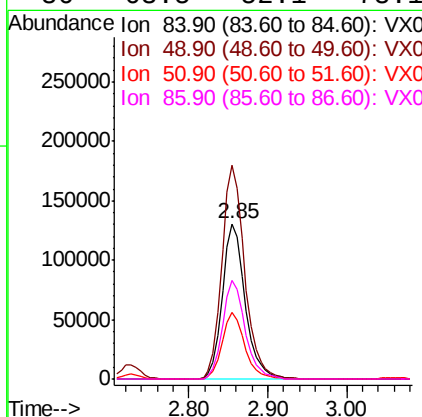
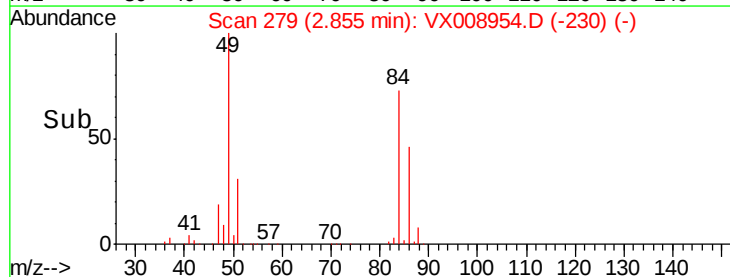
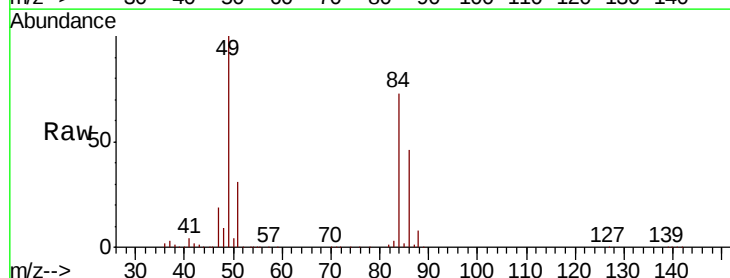
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

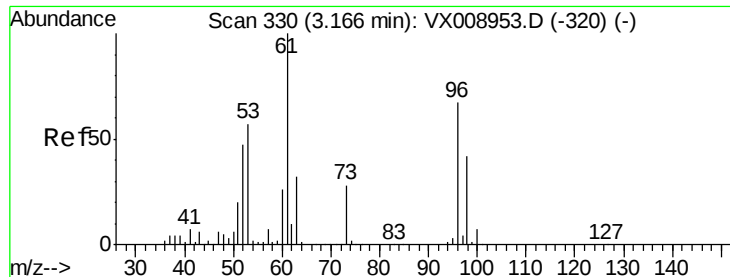
Tot Ion: 73 Resp: 865269
Ion Ratio Lower Upper
73 100
57 24.1 19.2 28.8



#20
Methylene Chloride
Concen: 83.541 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Tgt Ion: 84 Resp: 262386
Ion Ratio Lower Upper
84 100
49 137.6 115.4 173.0
51 43.0 35.8 53.6
86 63.5 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 89.593 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

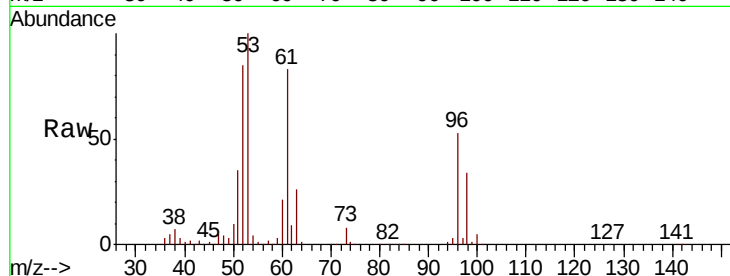
Tot Ion: 96 Resp: 252158

Ion Ratio Lower Upper

96 100

61 155.8 120.3 180.5

98 63.3 50.2 75.2

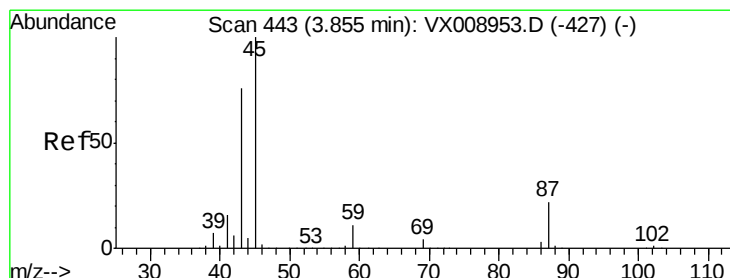
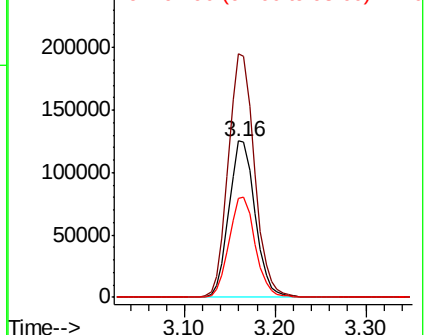
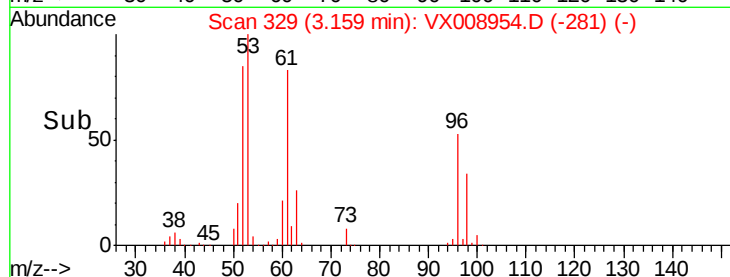


Abundance

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: 89.338 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Tgt Ion: 45 Resp: 1018606

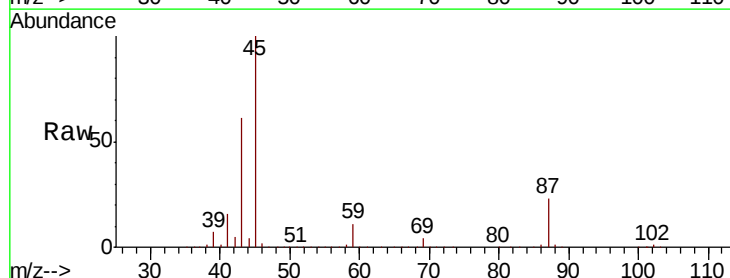
Ion Ratio Lower Upper

45 100

43 61.2 60.6 91.0

87 23.1 17.8 26.8

59 10.7 8.7 13.1



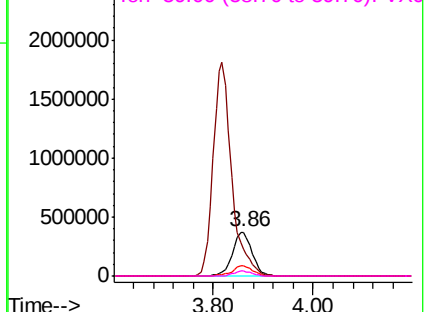
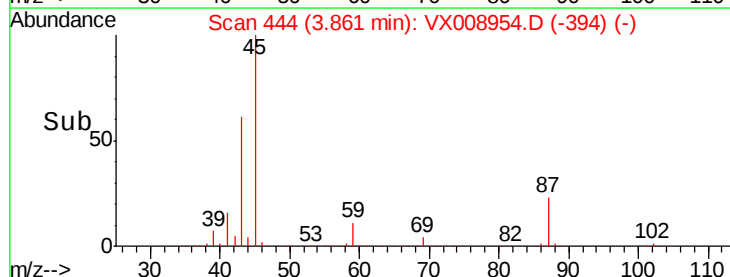
Abundance

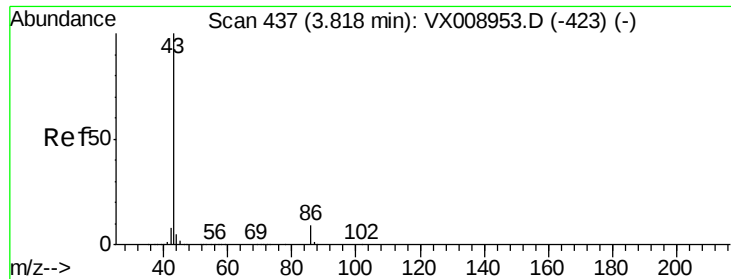
Ion 45.00 (44.70 to 45.70): VX0

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: 469.506 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

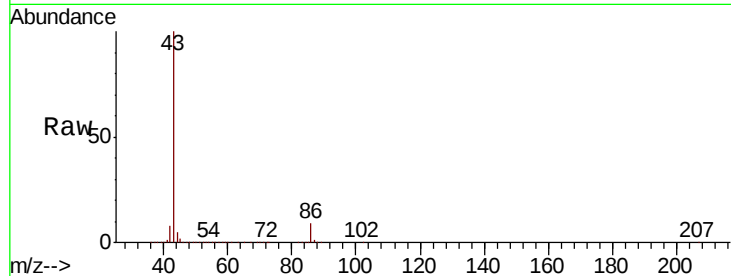
VSTDIC100

Tot Ion: 43 Resp: 4665151

Ion Ratio Lower Upper

43 100

86 8.8 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

2000000

1500000

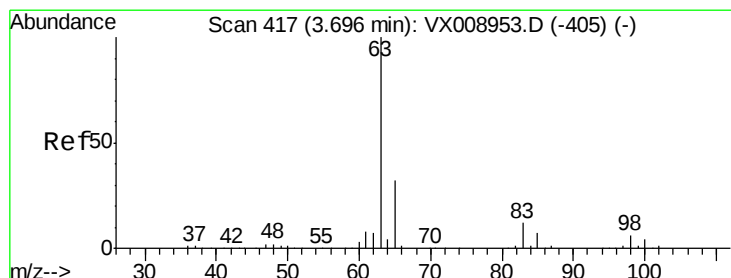
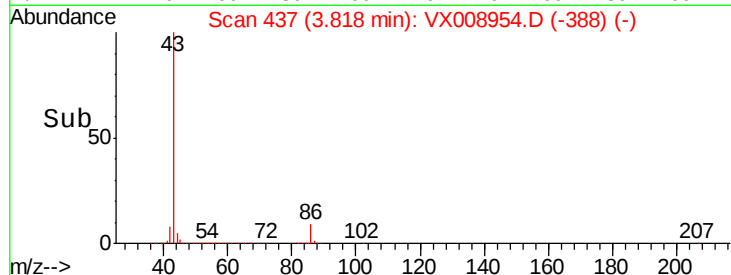
1000000

500000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 90.725 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

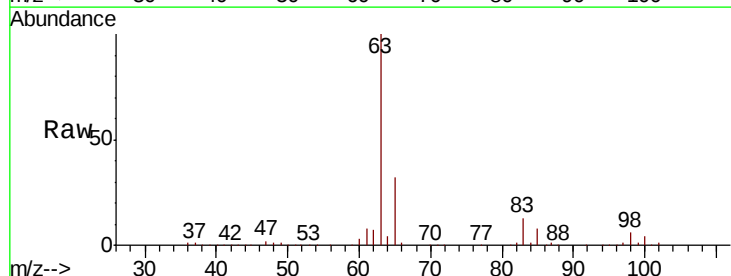
Tgt Ion: 63 Resp: 511820

Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.3

100 3.8 1.9 5.7



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

3.70

250000

200000

150000

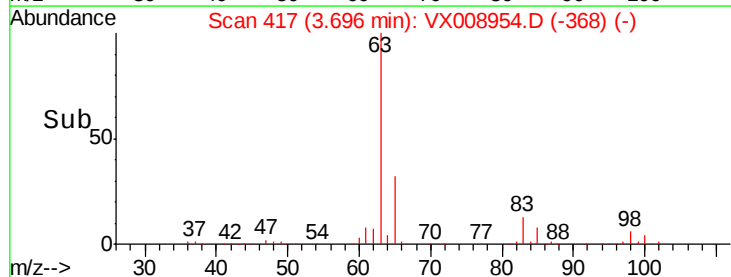
100000

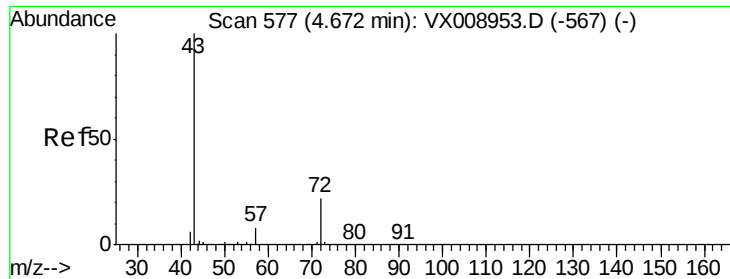
50000

0

Time-->

3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 439.558 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

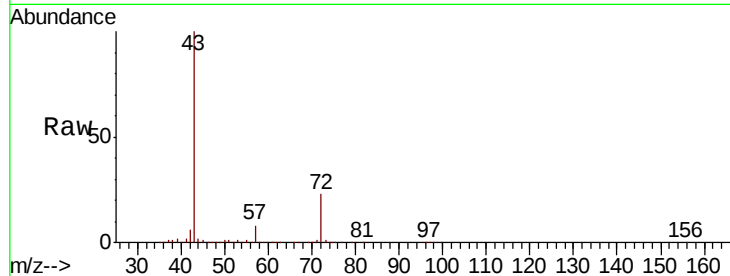
VSTDIC100

Tot Ion: 43 Resp: 1298566

Ion Ratio Lower Upper

43 100

72 22.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

400000

300000

200000

100000

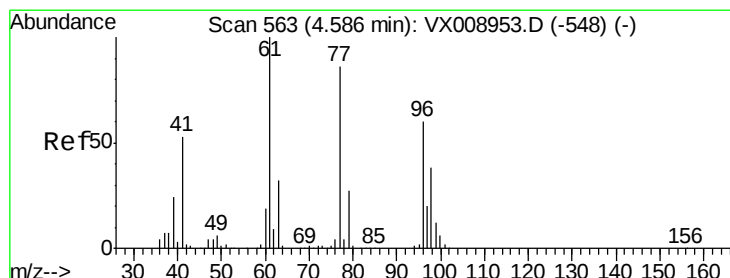
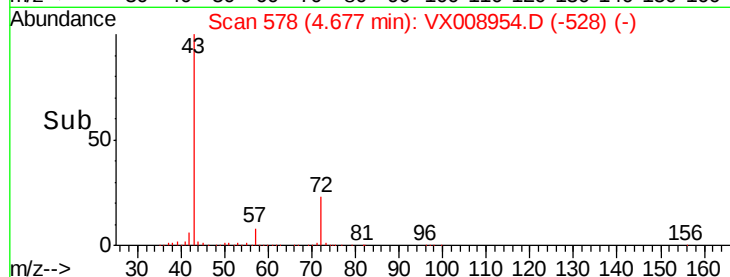
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 97.834 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008954.D

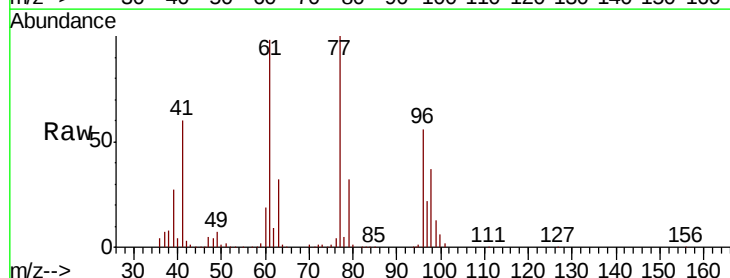
Acq: 15 Apr 2019 11:32

Tgt Ion: 77 Resp: 391801

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

150000

100000

50000

0

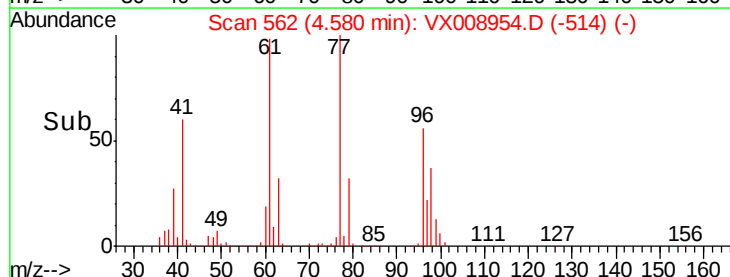
4.40

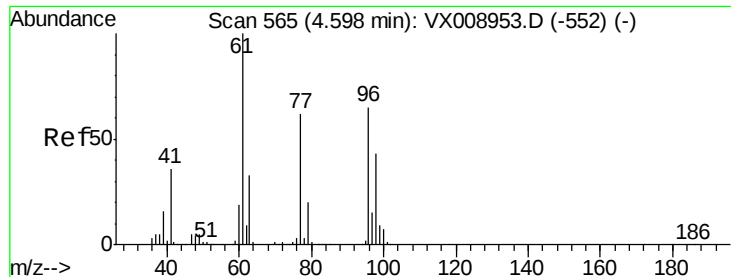
4.50

4.60

4.70

Time-->



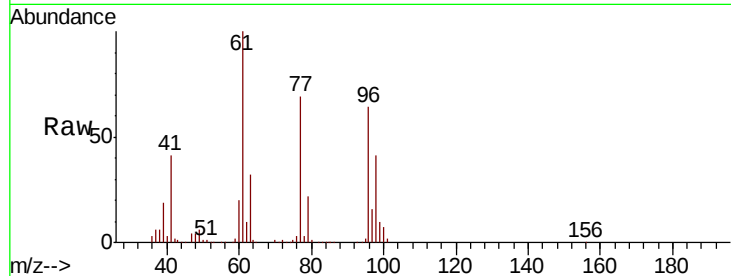


#27

cis-1,2-Dichloroethene
Concen: 89.642 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.1	0.0	322.0
98	65.1	0.0	128.4

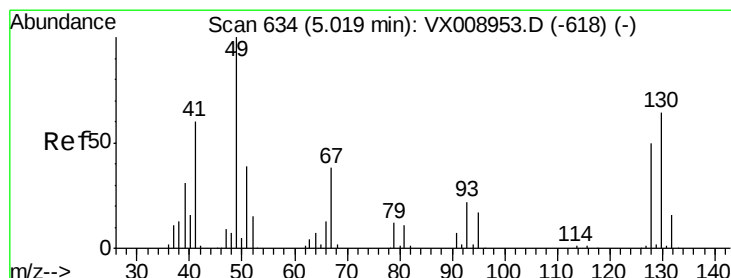
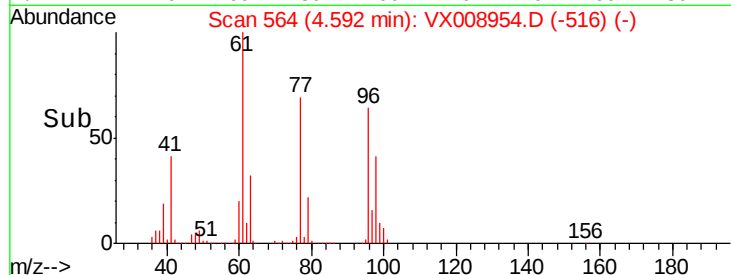
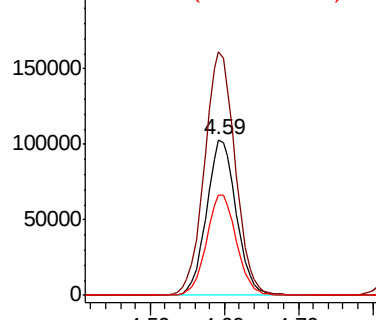


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

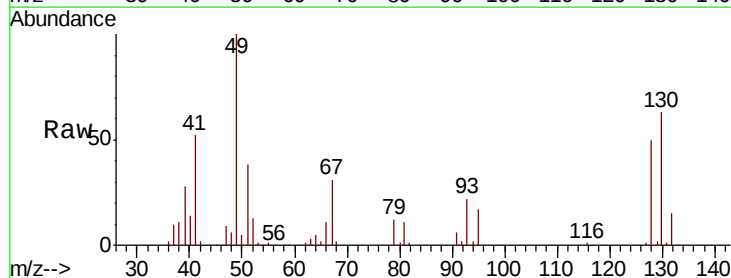
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 83.090 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	64.0	50.4	75.6

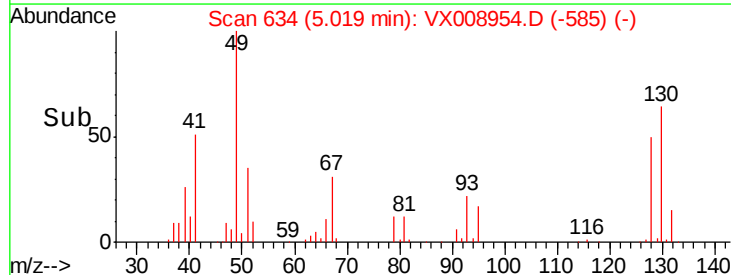
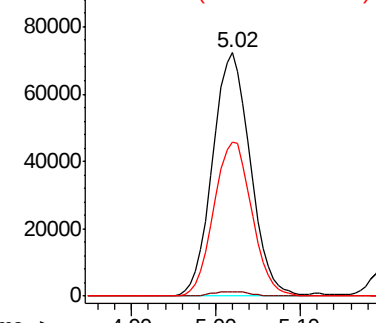


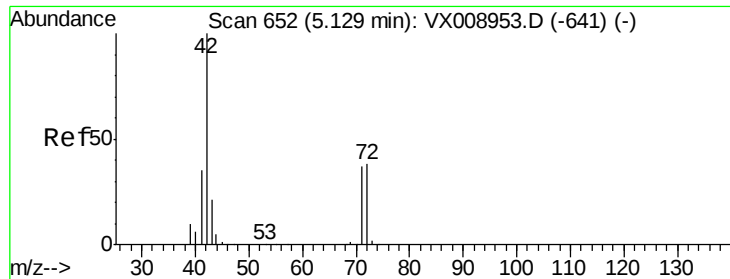
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

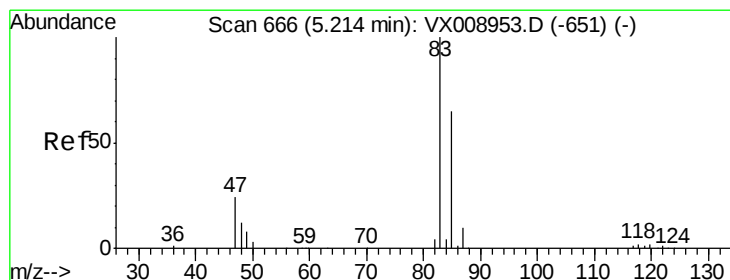
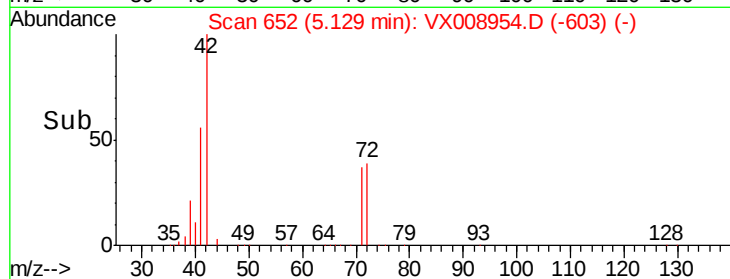
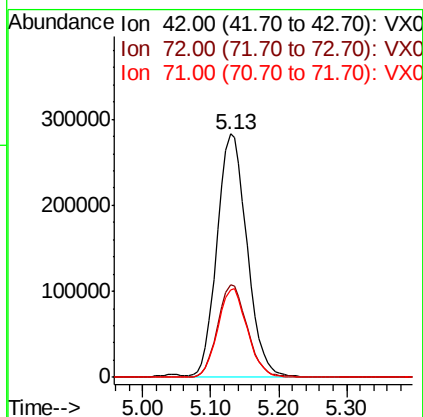
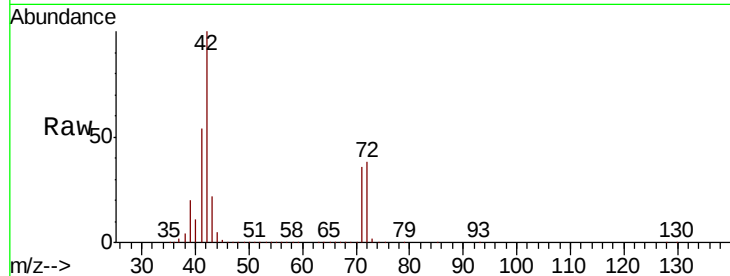




#29
Tetrahydrofuran
Concen: 438.034 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

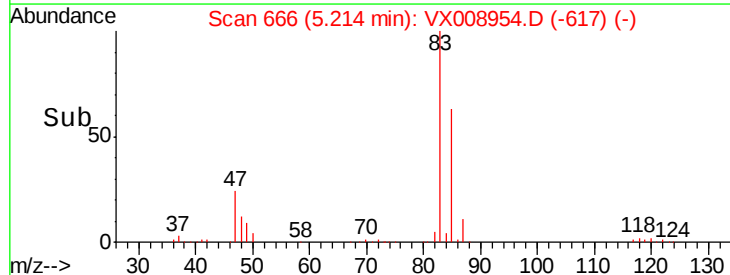
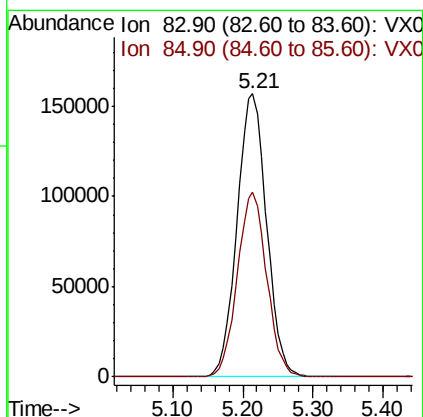
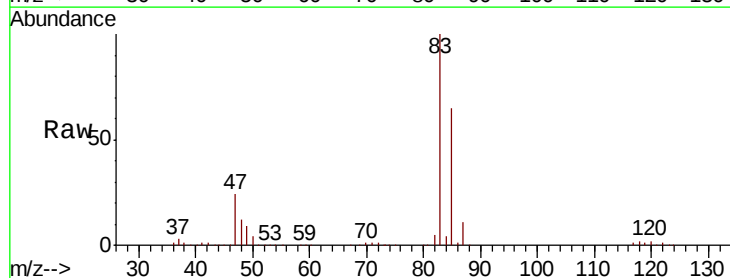
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

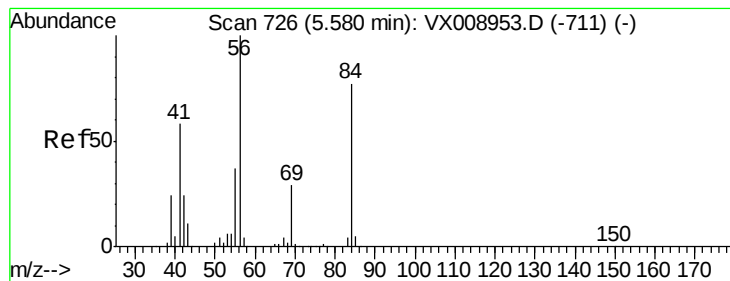
Tot Ion: 42 Resp: 861982
Ion Ratio Lower Upper
42 100
72 38.0 30.6 45.8
71 36.0 28.8 43.2



#30
Chloroform
Concen: 91.187 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Tgt Ion: 83 Resp: 460355
Ion Ratio Lower Upper
83 100
85 65.2 51.9 77.9





#31

Cyclohexane

Concen: 102.922 ug/l

RT: 5.72 min Scan# 749

Delta R.T. 0.14 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

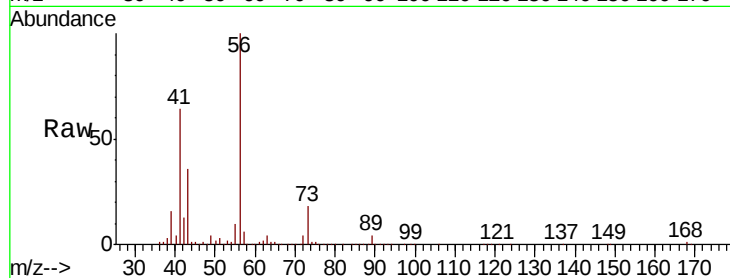
Tot Ion: 56 Resp: 582180

Ion Ratio Lower Upper

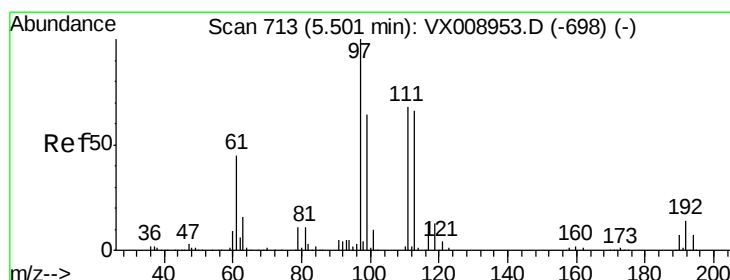
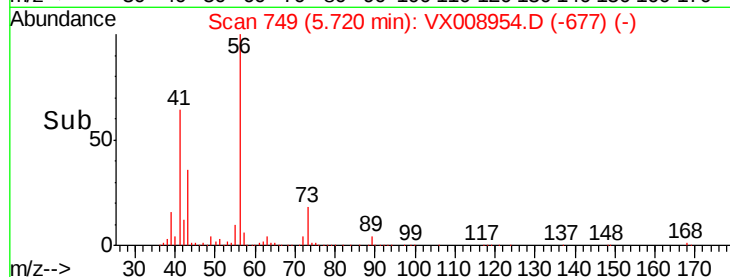
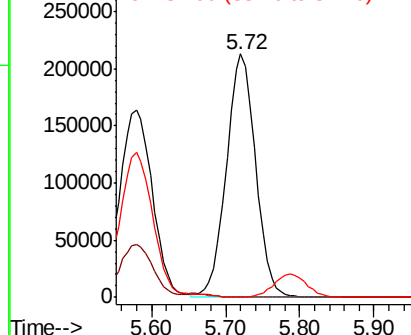
56 100

69 0.1 23.3 34.9#

84 0.0 61.7 92.5#



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: 96.045 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

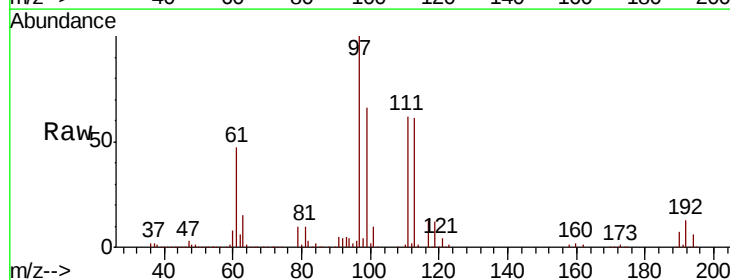
Tgt Ion: 97 Resp: 392786

Ion Ratio Lower Upper

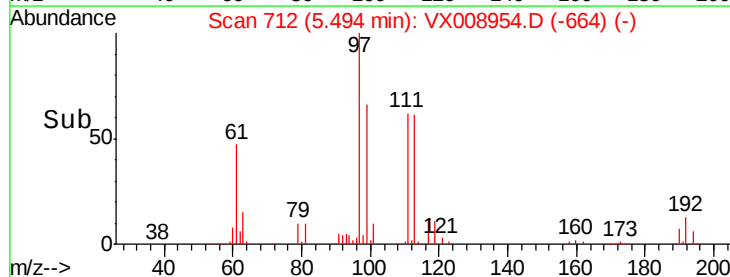
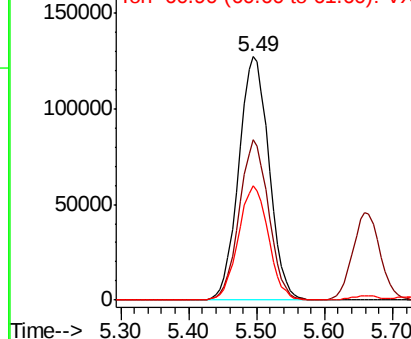
97 100

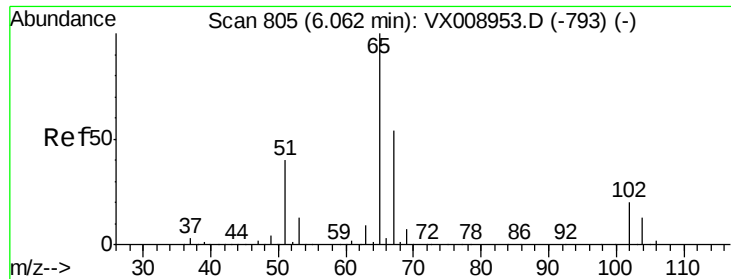
99 64.2 51.6 77.4

61 46.9 37.9 56.9



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: 91.309 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

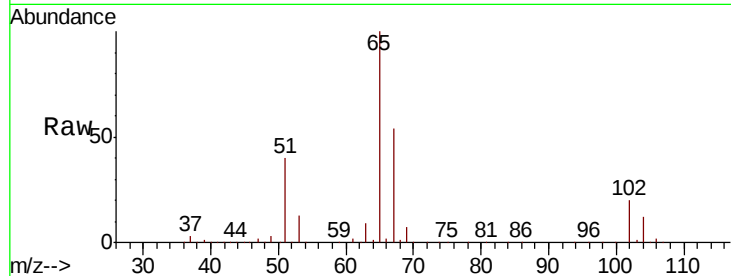
VSTDIC100

Tot Ion: 65 Resp: 299483

Ion Ratio Lower Upper

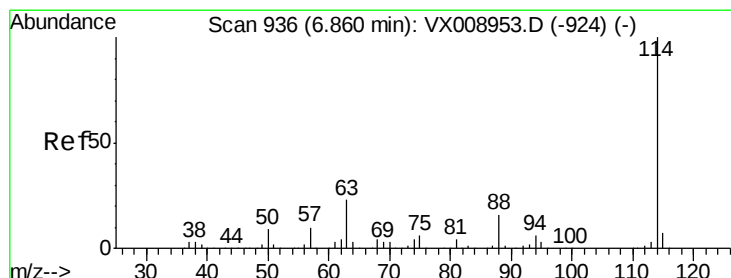
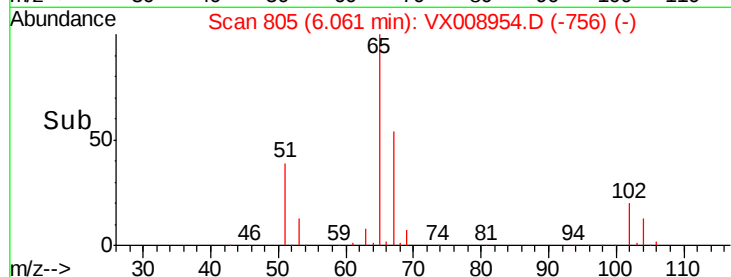
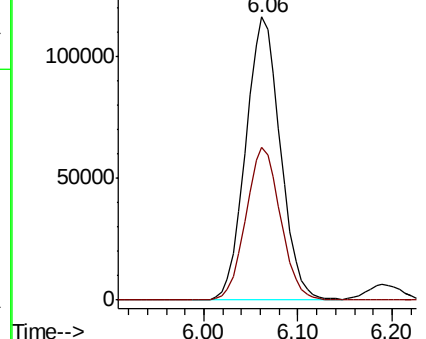
65 100

67 54.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

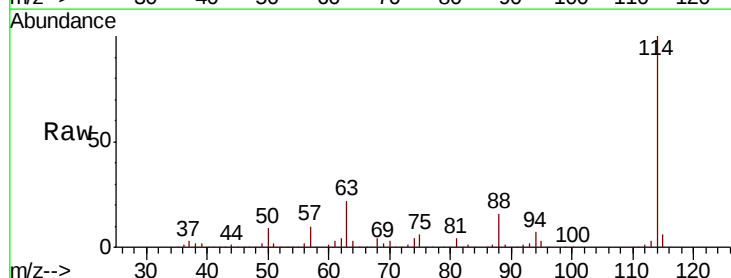
Tgt Ion: 114 Resp: 376640

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.0

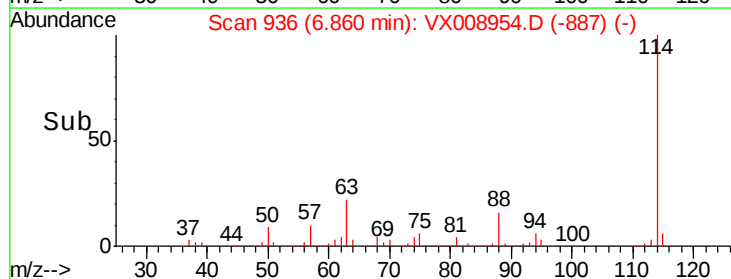
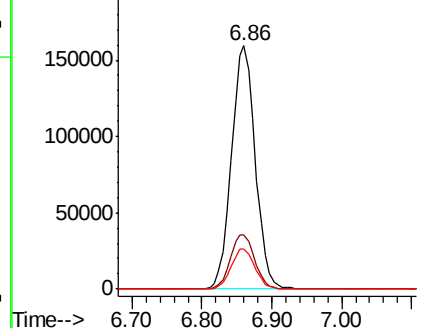
88 16.3 0.0 32.6

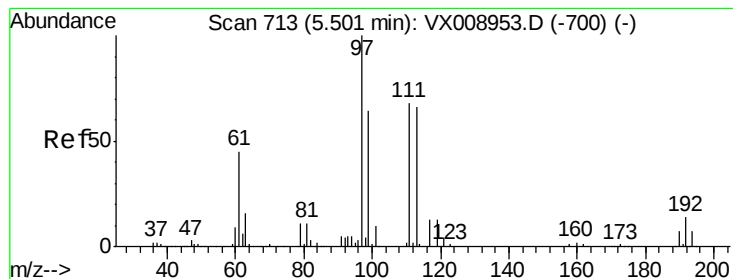


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 93.911 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

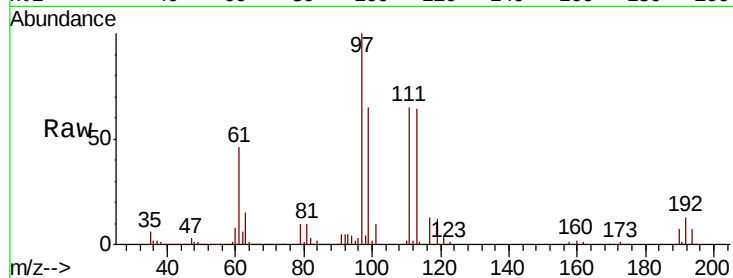
Tot Ion:113 Resp: 224634

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

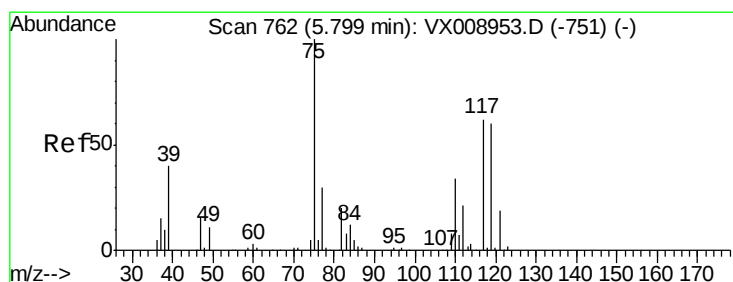
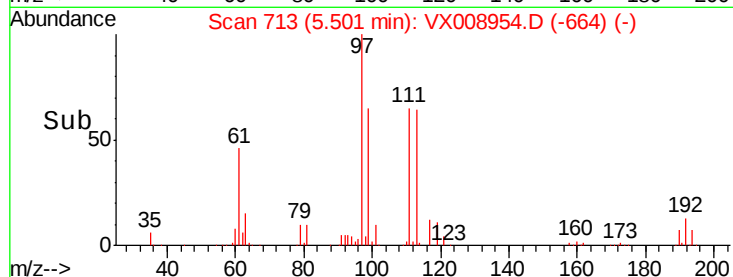
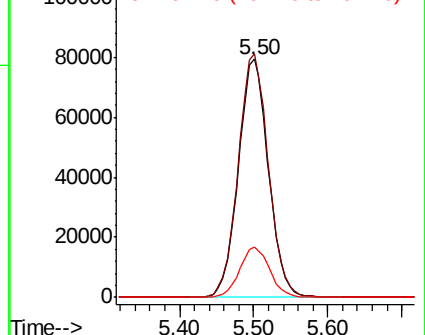
192 21.2 17.4 26.0



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: 91.359 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

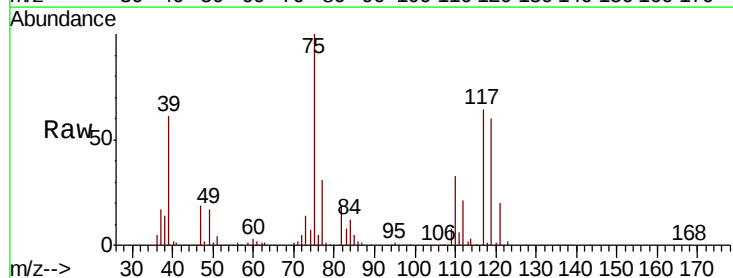
Tgt Ion: 75 Resp: 370005

Ion Ratio Lower Upper

75 100

110 33.6 16.9 50.7

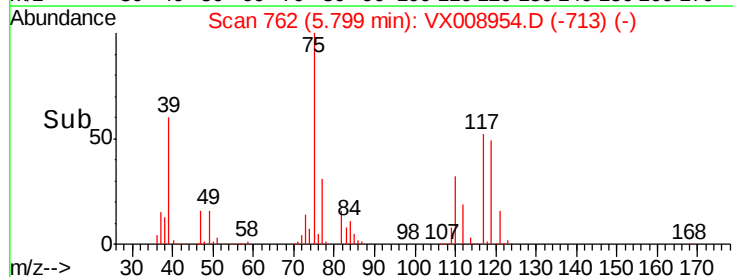
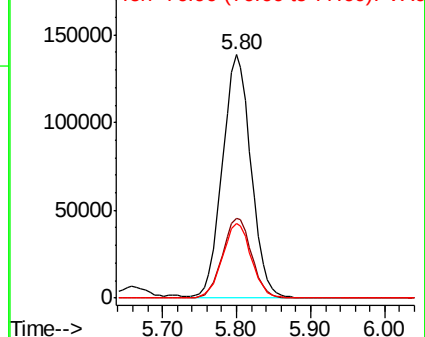
77 31.2 25.0 37.4

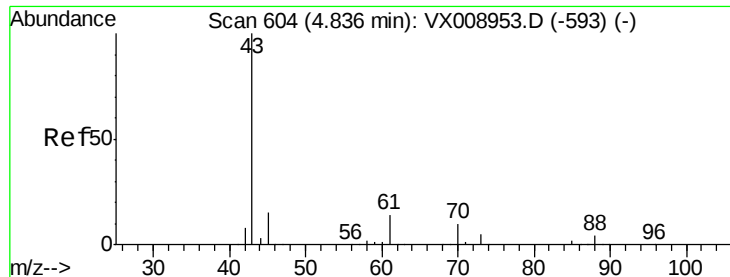


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

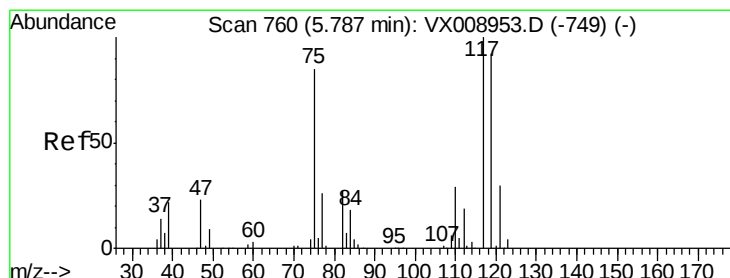
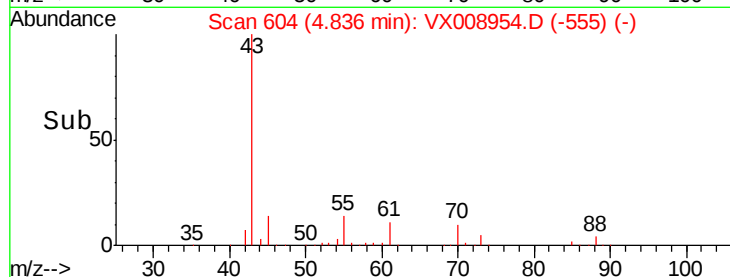
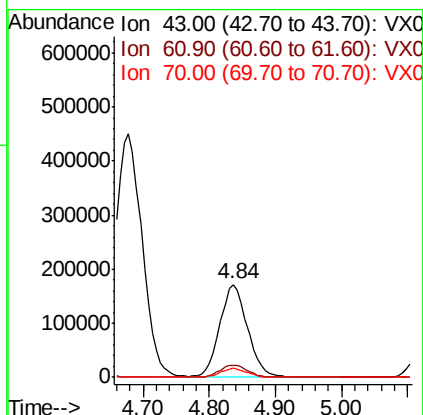
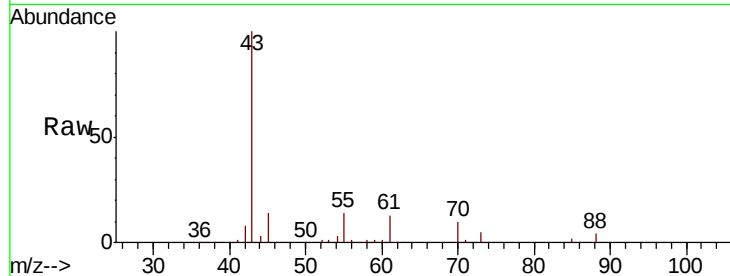




#37
Ethyl Acetate
Concen: 92.528 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

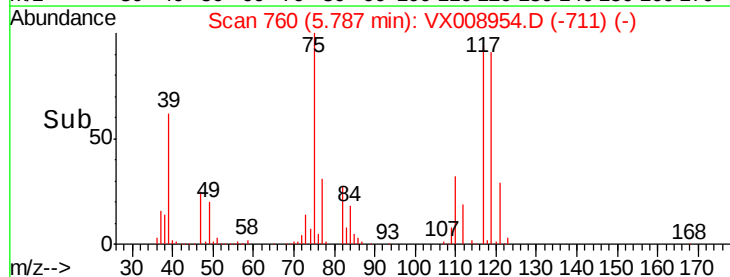
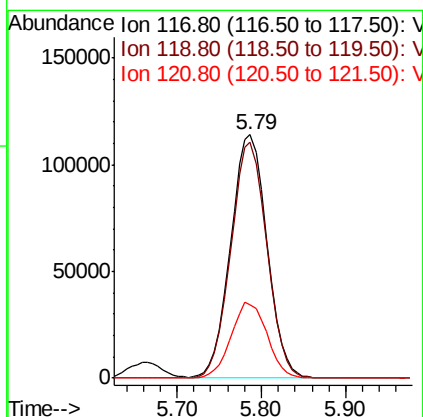
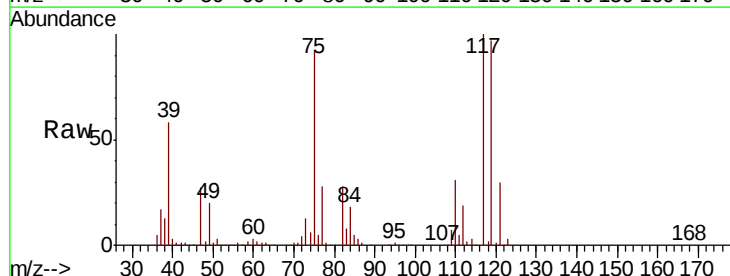
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 498228
Ion Ratio Lower Upper
43 100
61 13.0 10.6 15.8
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 99.229 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Tgt Ion: 117 Resp: 333298
Ion Ratio Lower Upper
117 100
119 97.1 73.8 110.8
121 30.3 23.6 35.4

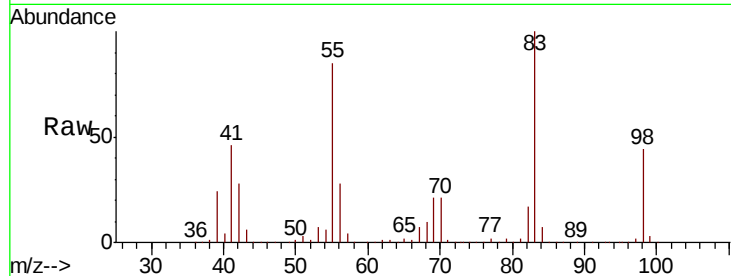




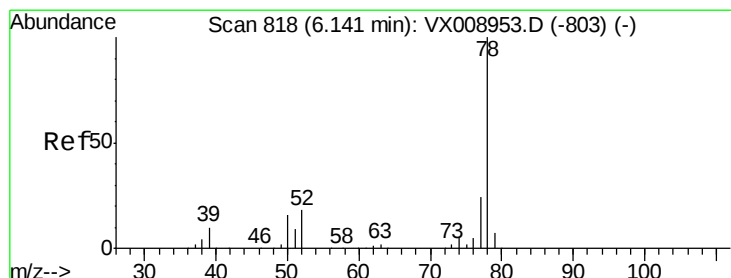
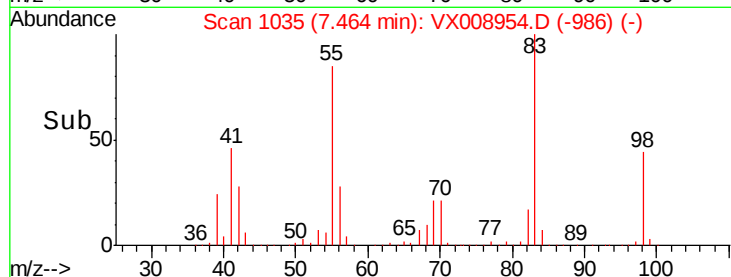
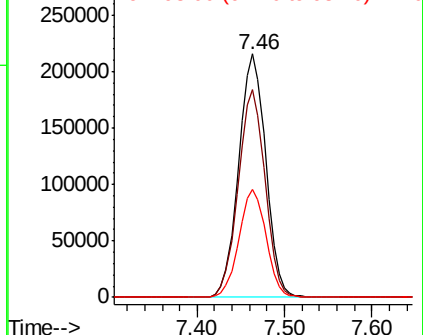
#39
Methylvlcvclohexane
Concen: 92.918 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 83 Resp: 465446
Ion Ratio Lower Upper
83 100
55 85.2 67.1 100.7
98 44.2 35.1 52.7

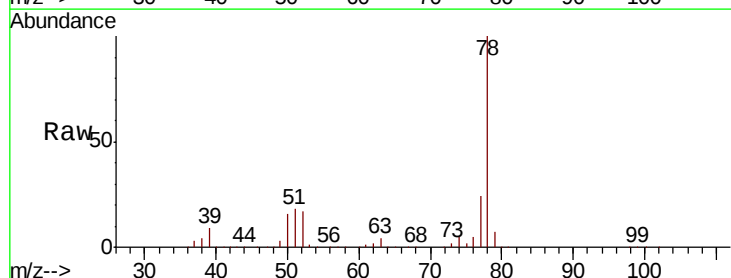


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

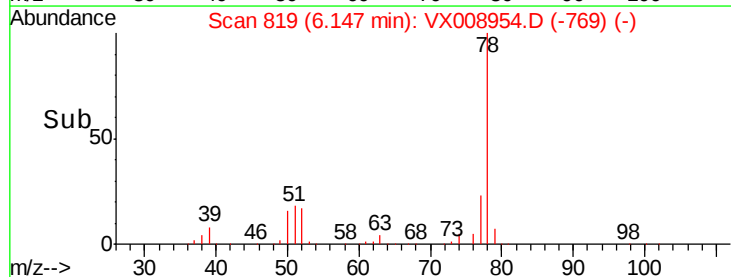
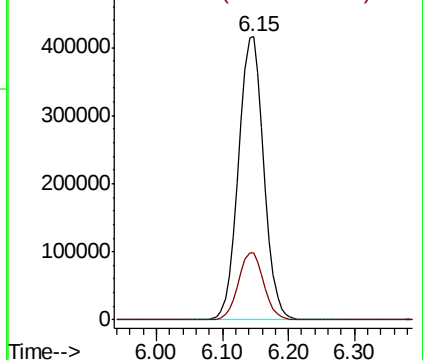


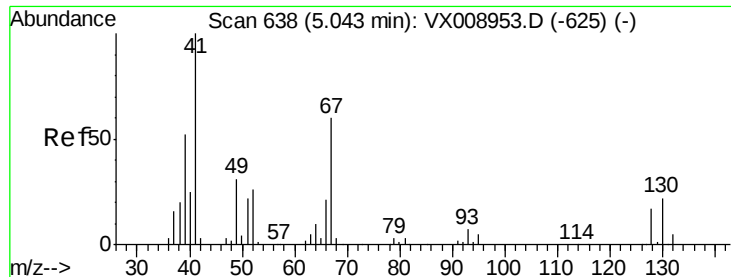
#40
Benzene
Concen: 91.509 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Tgt Ion: 78 Resp: 1103944
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



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

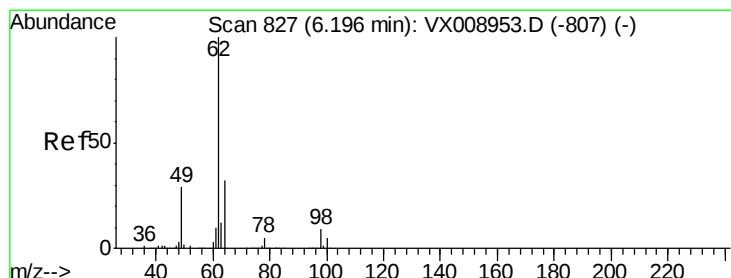
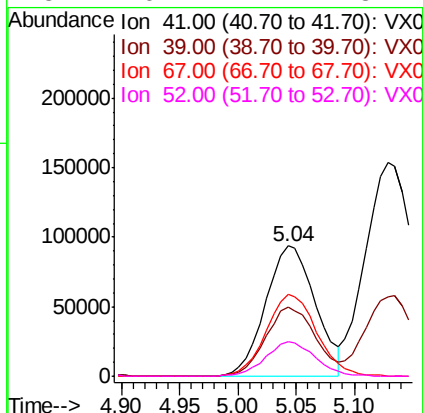
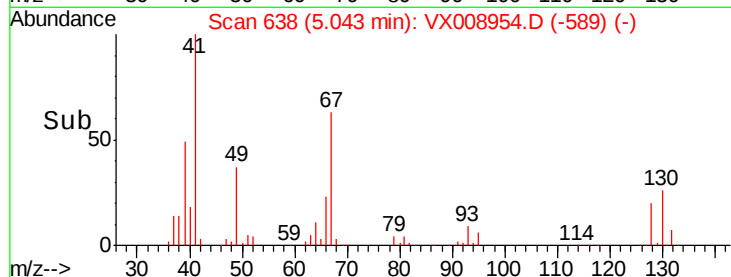
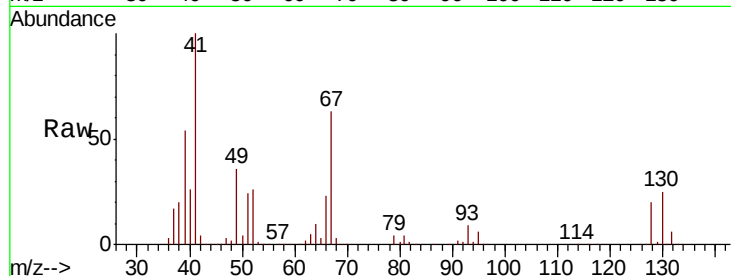




#41
Methacrylonitrile
Concen: 89.559 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

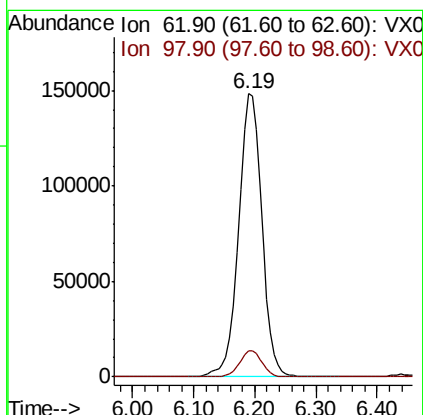
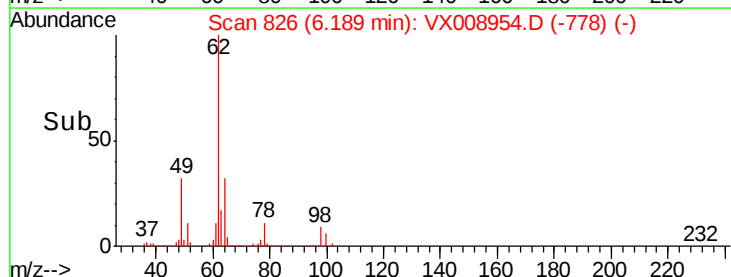
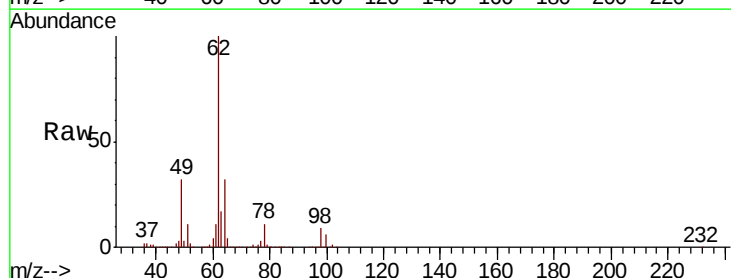
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

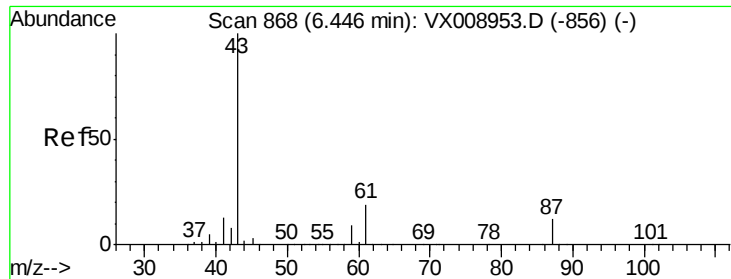
Tot Ion:	41	Resp:	278076
Ion	Ratio	Lower	Upper
41	100		
39	53.0	41.8	62.6
67	63.5	50.2	75.4
52	26.4	21.1	31.7



#42
1,2-Dichloroethane
Concen: 89.865 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Tgt Ion:	62	Resp:	388464
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4



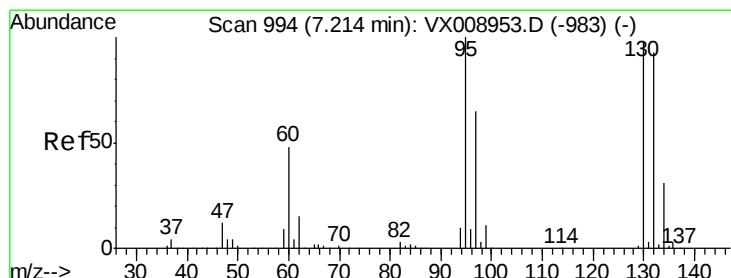
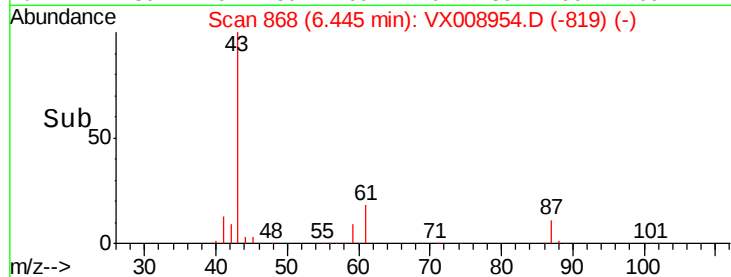
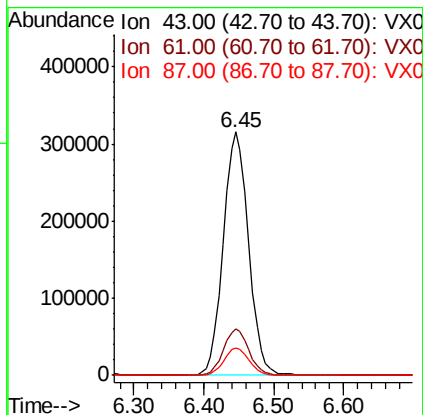
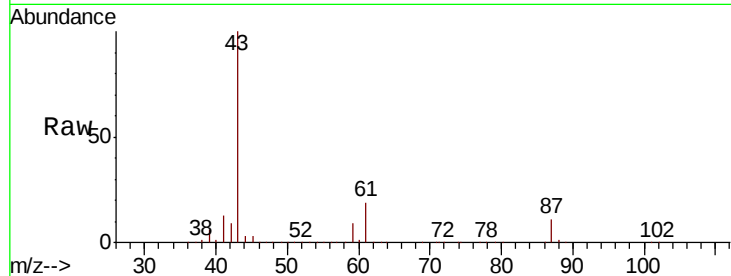


#43

Isopropyl Acetate
 Concen: 93.278 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

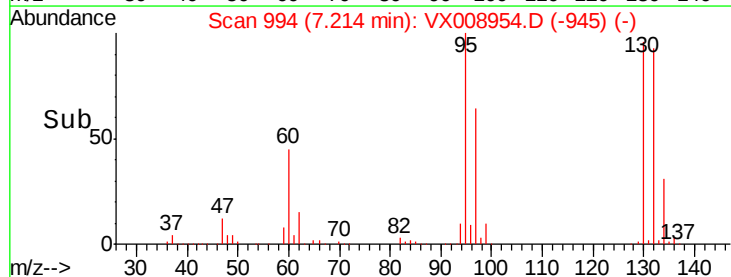
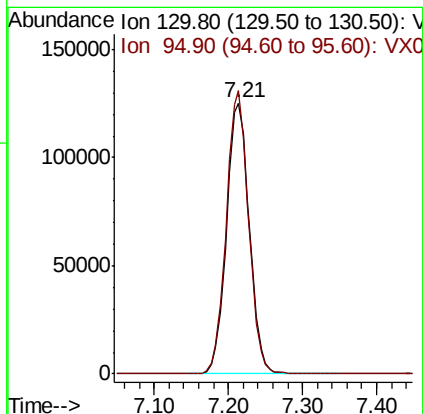
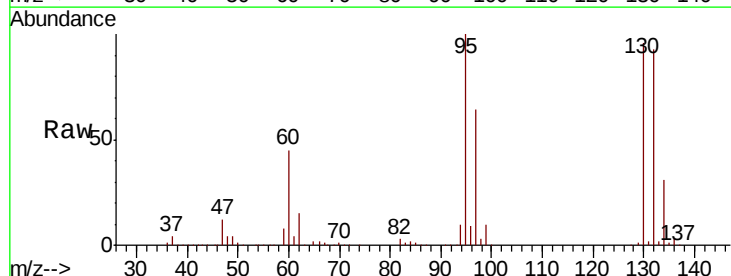
Tot Ion	43	Resp	788436
Ion Ratio	Lower	Upper	
43	100		
61	19.1	15.4	23.0
87	11.2	9.0	13.4

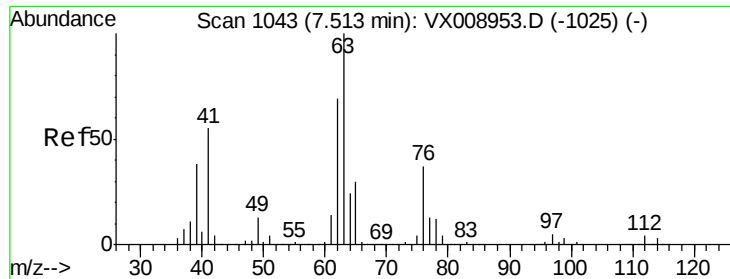


#44

Trichloroethene
 Concen: 95.082 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

Tgt Ion	130	Resp	268534
Ion Ratio	Lower	Upper	
130	100		
95	104.4	0.0	203.2





#45

1,2-Dichloropropane

Concen: 90.251 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

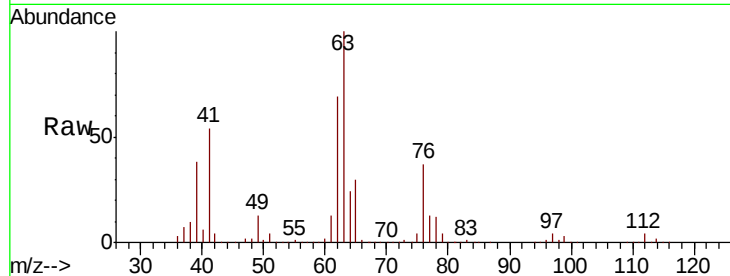
VSTDIC100

Tot Ion: 63 Resp: 309662

Ion Ratio Lower Upper

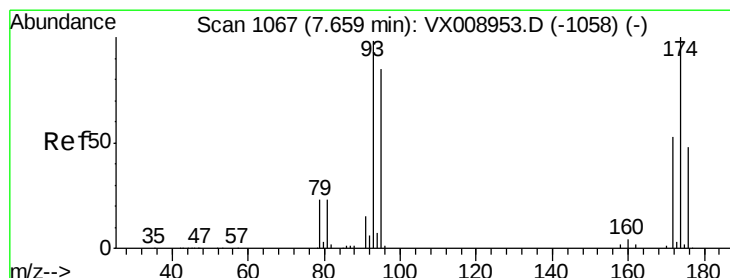
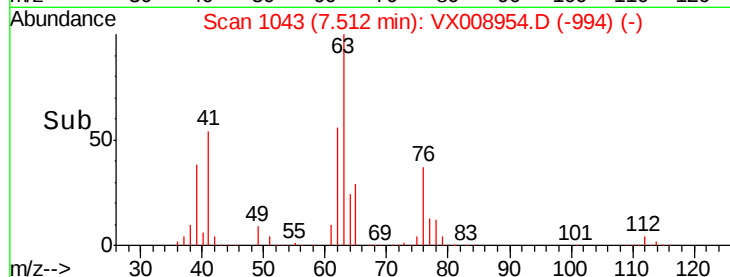
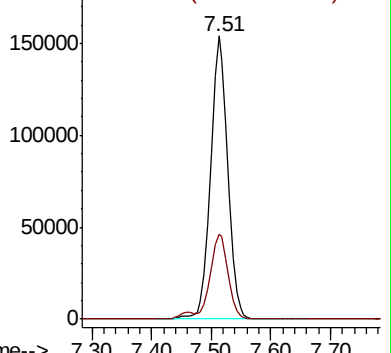
63 100

65 30.1 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 89.971 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

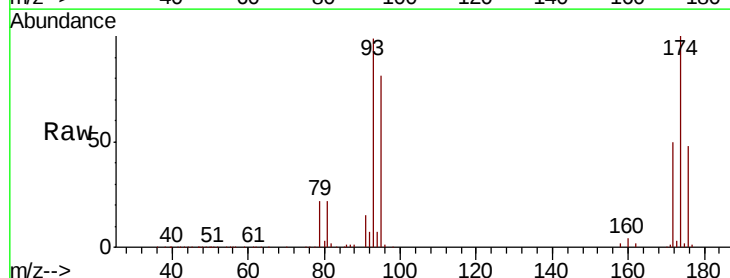
Tgt Ion: 93 Resp: 179668

Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.4

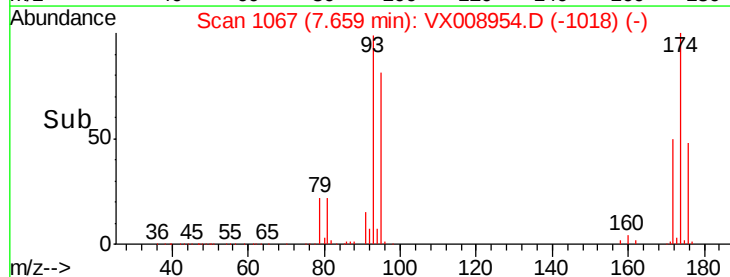
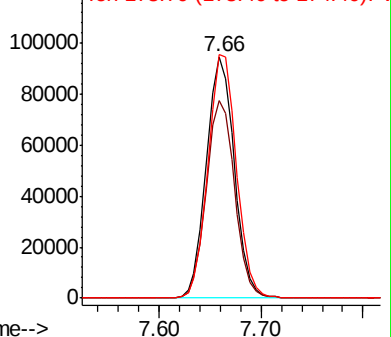
174 103.2 81.6 122.4

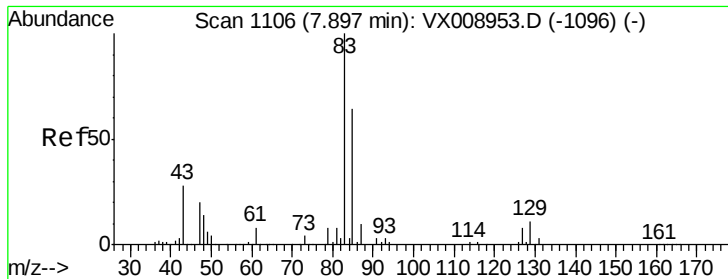


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 96.171 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

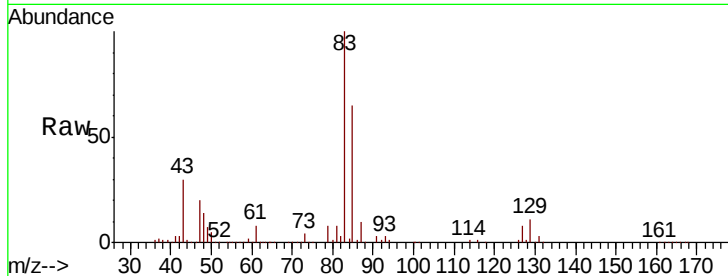
Tot Ion: 83 Resp: 362102

Ion Ratio Lower Upper

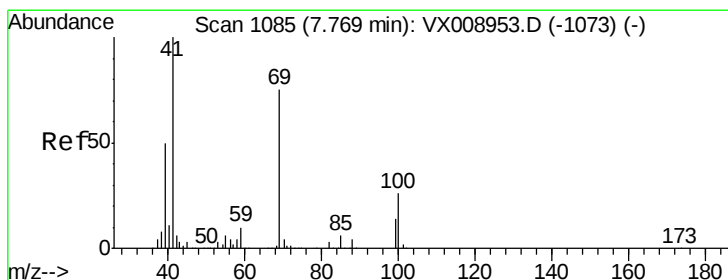
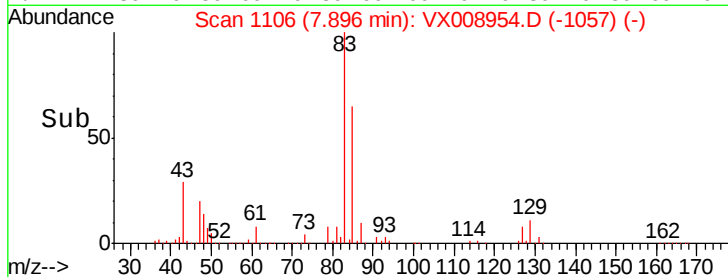
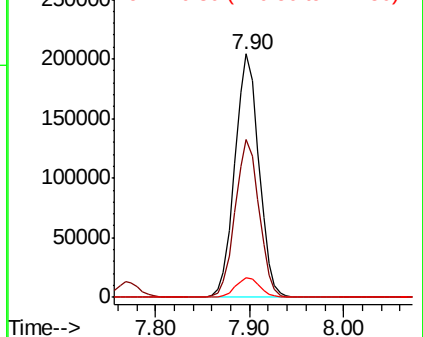
83 100

85 64.8 50.8 76.2

127 8.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 91.203 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

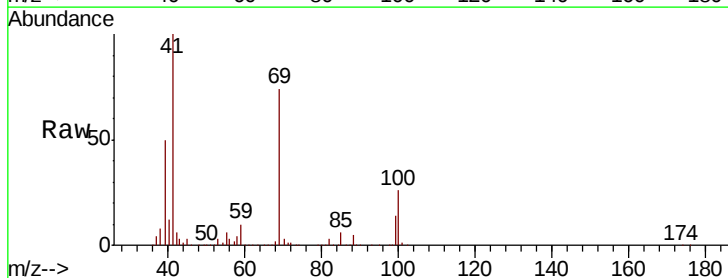
Tgt Ion: 41 Resp: 389005

Ion Ratio Lower Upper

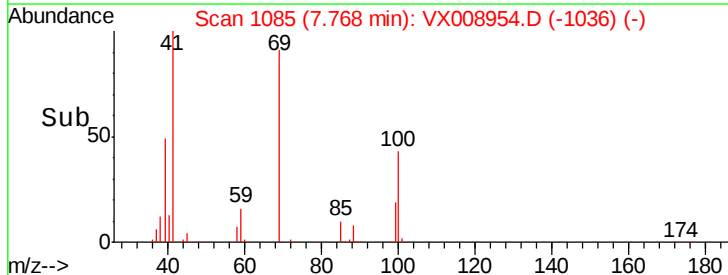
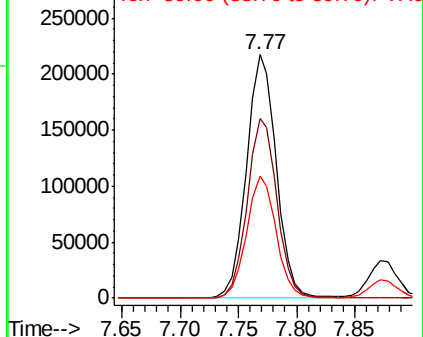
41 100

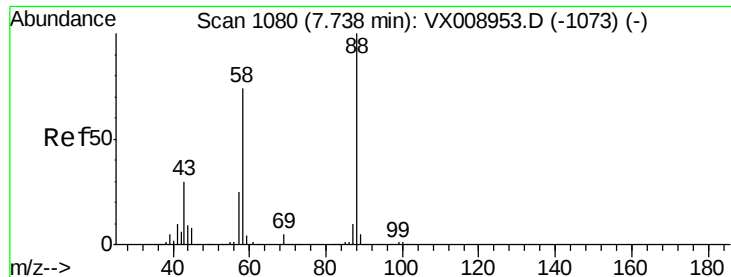
69 73.9 59.4 89.2

39 50.0 39.8 59.6



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

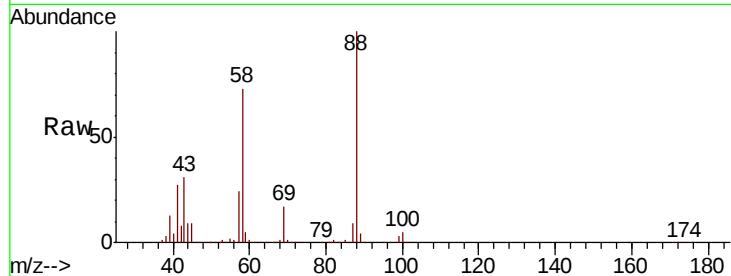




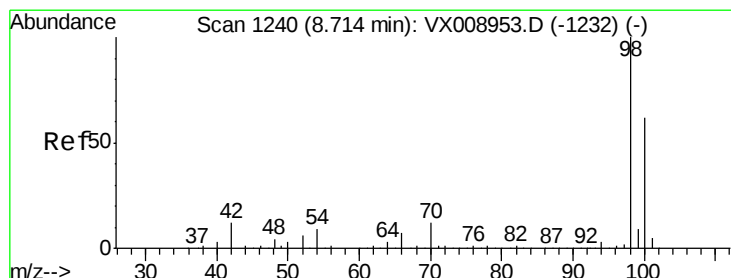
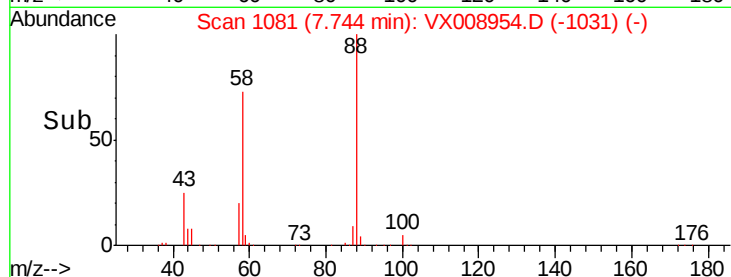
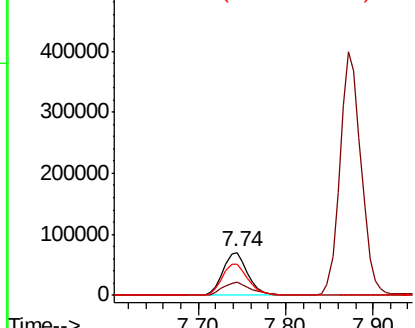
#49
 1,4-Dioxane
 Concen: 1726.978 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 88 Resp: 137027
 Ion Ratio Lower Upper
 88 100
 43 35.7 29.3 43.9
 58 77.2 62.6 93.8

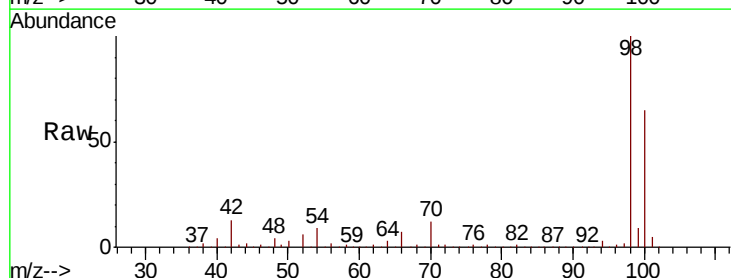


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

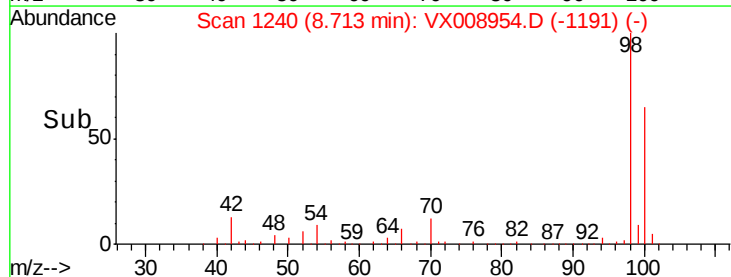
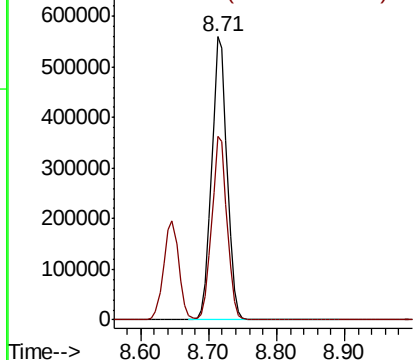


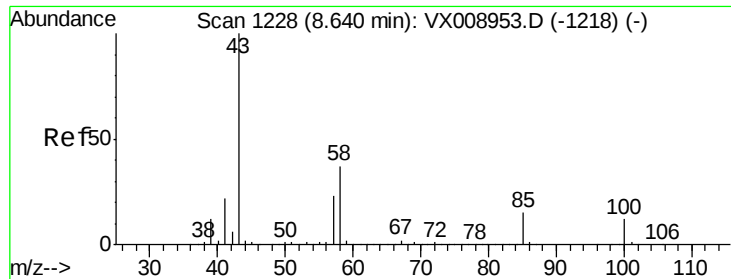
#50
 Toluene-d8
 Concen: 92.017 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

Tgt Ion: 98 Resp: 876605
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.4 77.2



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: 439.063 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

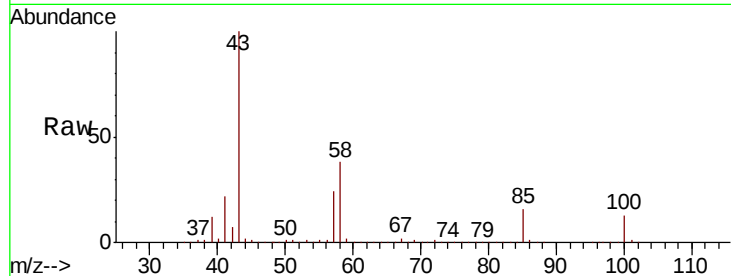
VSTDIC100

Tot Ion: 43 Resp: 2384516

Ion Ratio Lower Upper

43 100

58 37.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX008953.D (-1218) (-)

Ion 58.00 (57.70 to 58.70): VX008953.D (-1218) (-)

8.65

1500000

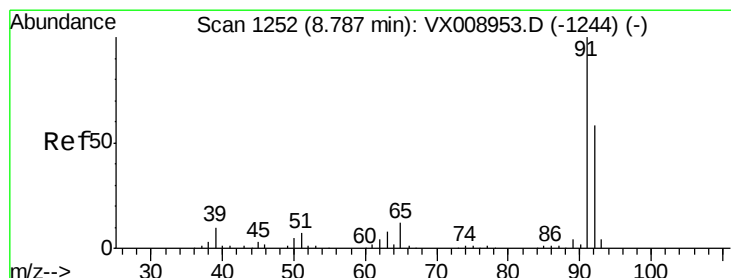
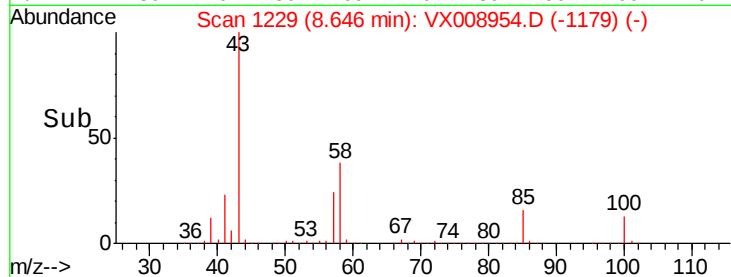
1000000

500000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 91.639 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008954.D

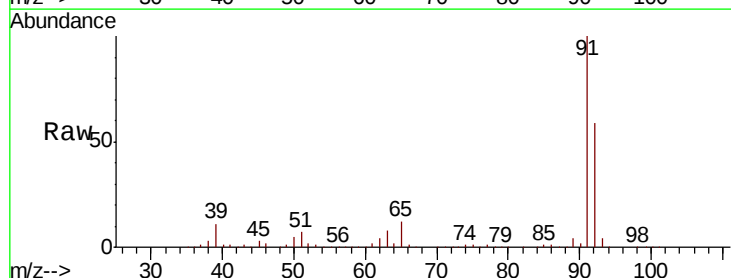
Acq: 15 Apr 2019 11:32

Tgt Ion: 92 Resp: 651570

Ion Ratio Lower Upper

92 100

91 172.5 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX008953.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX008953.D (-1244) (-)

8.79

800000

600000

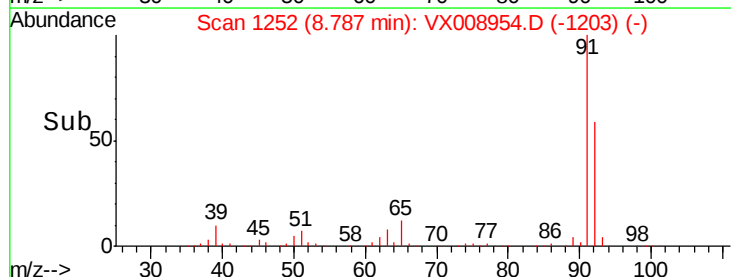
400000

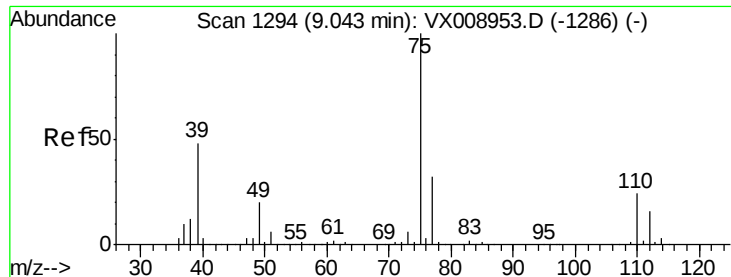
200000

0

8.70 8.80 8.90

Time-->

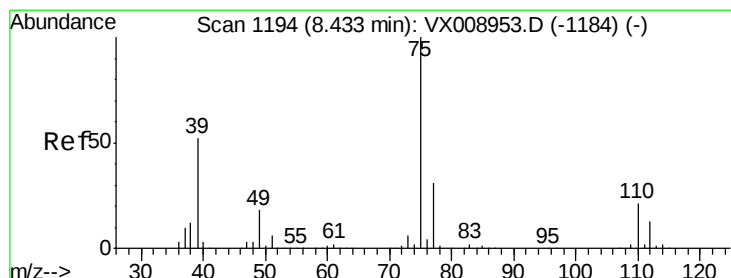
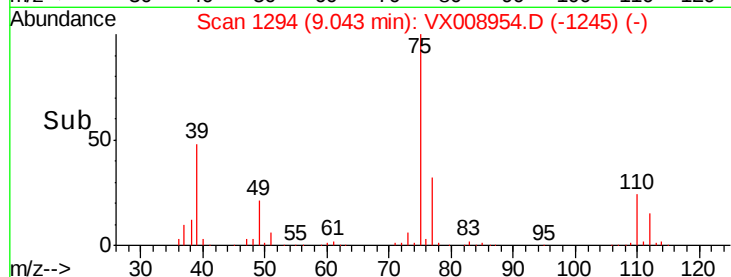
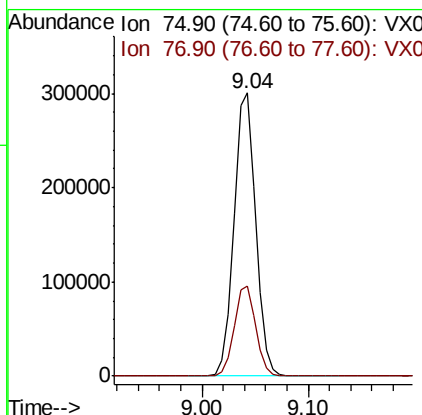
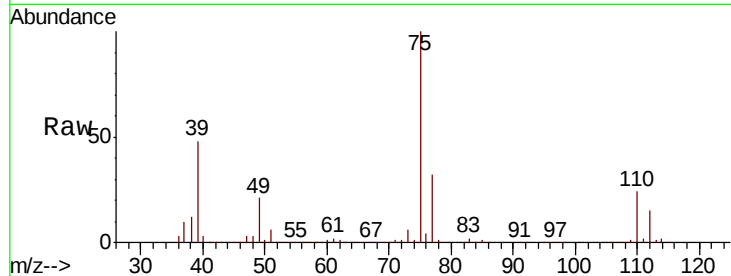




#53
 t-1,3-Dichloropropene
 Concen: 101.652 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

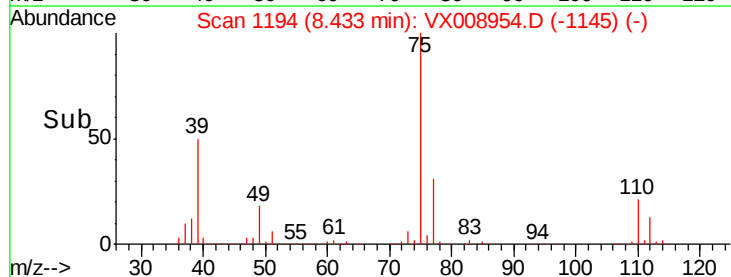
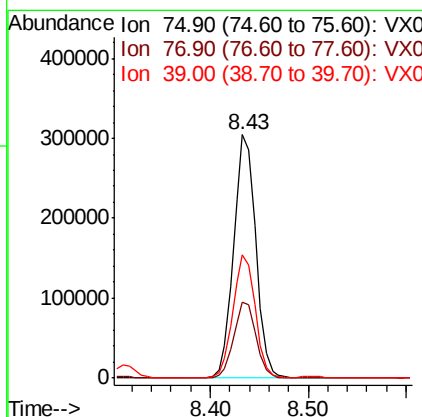
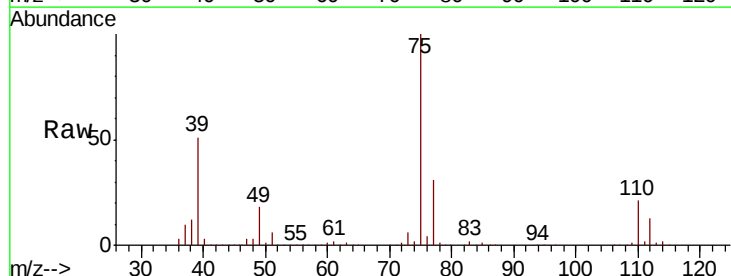
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 75 Resp: 430615
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 98.991 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

Tgt Ion: 75 Resp: 477727
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.8 37.2
 39 50.5 41.8 62.6

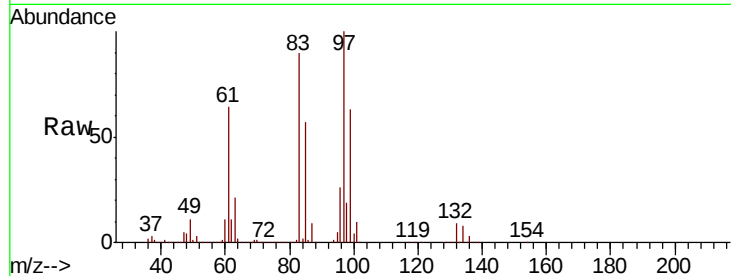




#55
 1,1,2-Trichloroethane
 Concen: 90.450 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.6	72.6	108.8
85	57.1	46.9	70.3
99	62.9	51.0	76.6



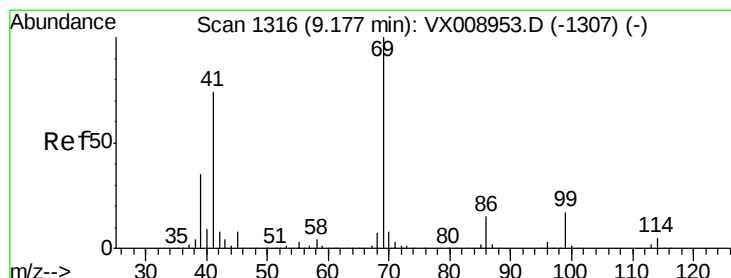
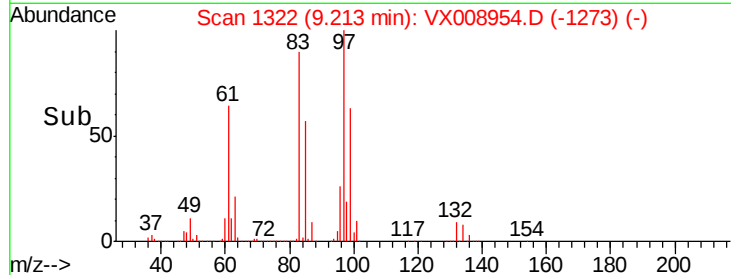
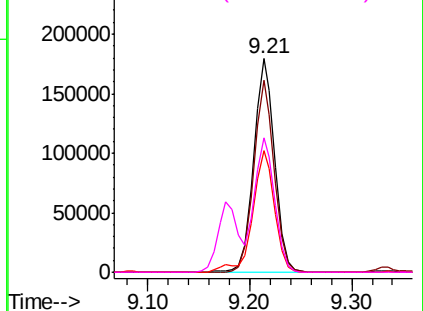
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

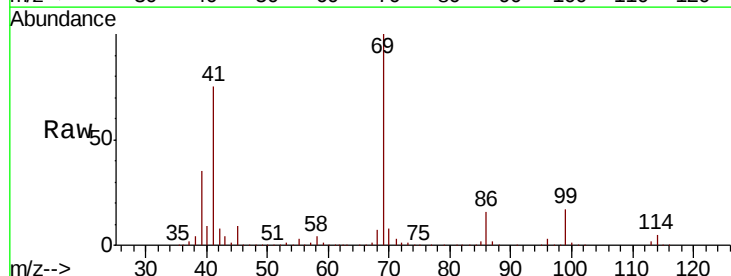
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 91.489 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.2	90.2
39	35.2	27.9	41.9

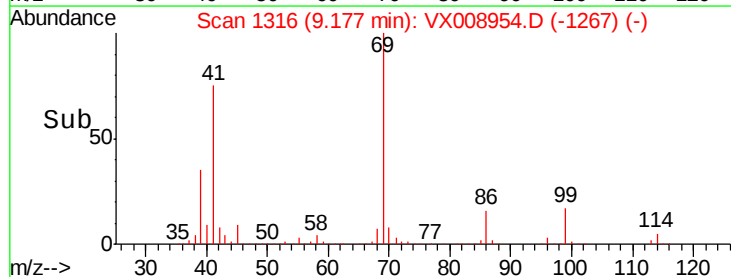
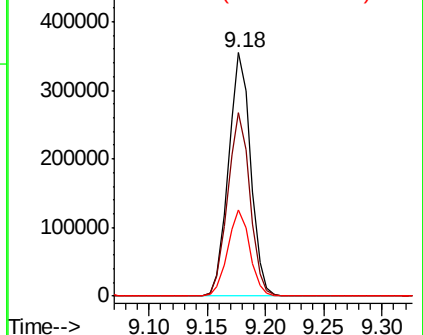


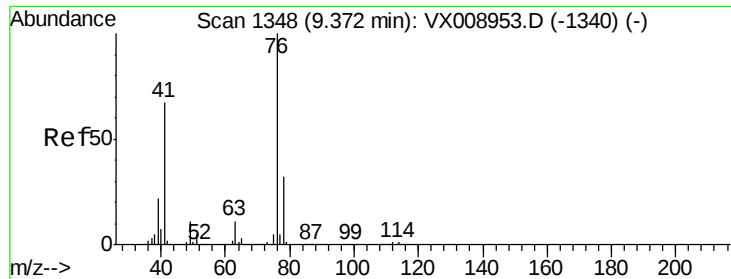
Abundance

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: 90.170 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

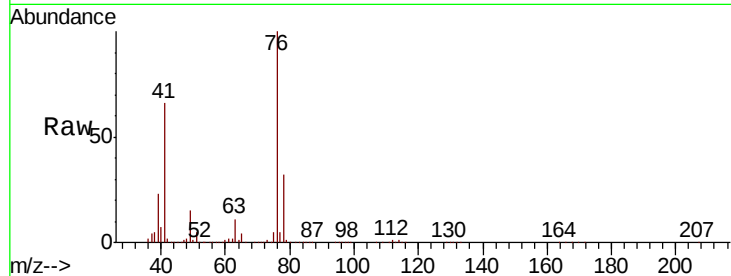
VSTDIC100

Tot Ion: 76 Resp: 461411

Ion Ratio Lower Upper

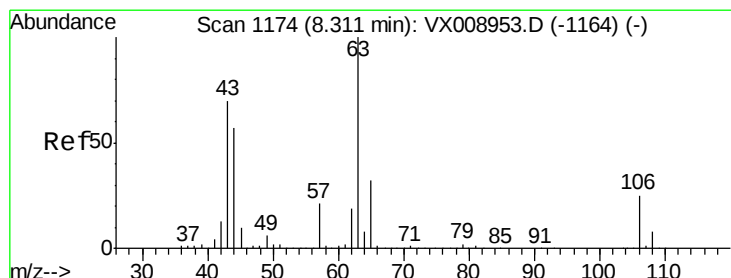
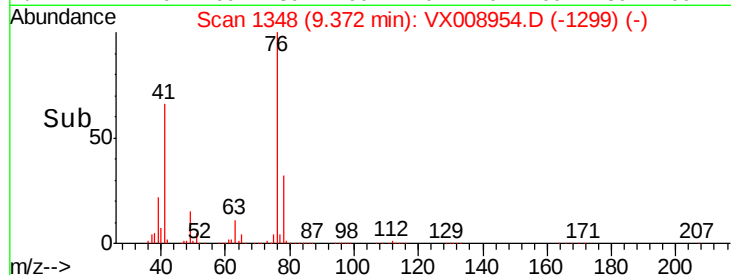
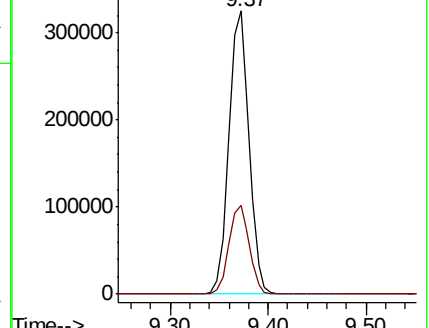
76 100

78 32.0 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 482.489 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008954.D

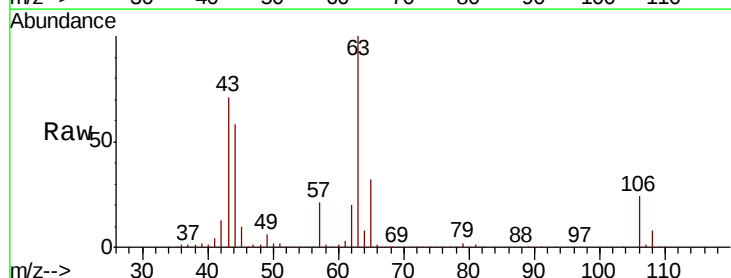
Acq: 15 Apr 2019 11:32

Tgt Ion: 63 Resp: 1281136

Ion Ratio Lower Upper

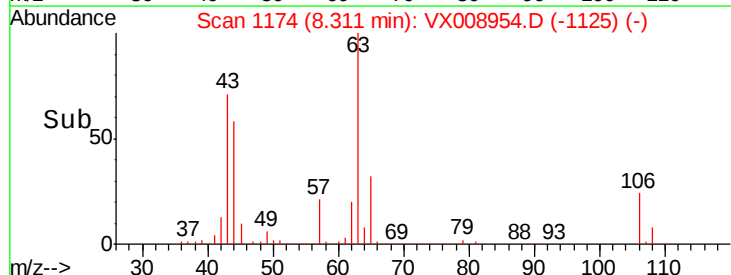
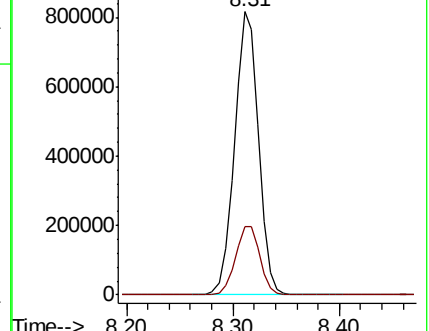
63 100

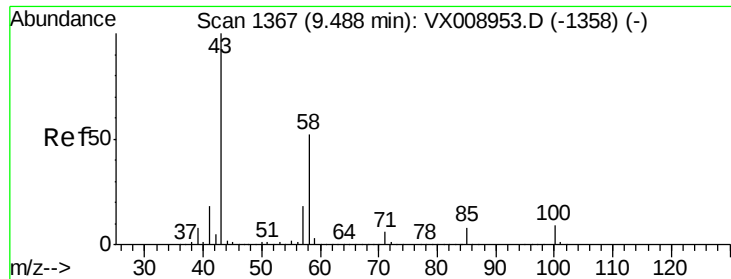
106 24.9 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

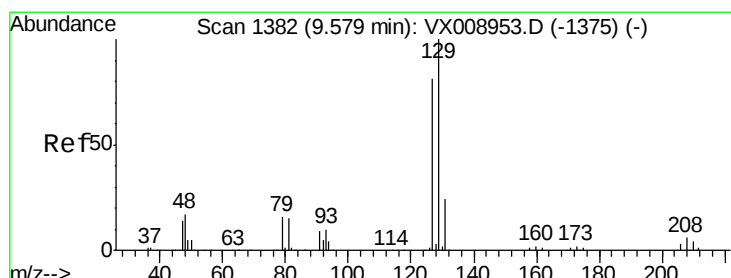
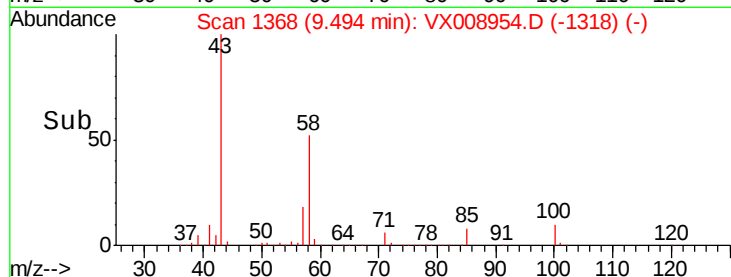
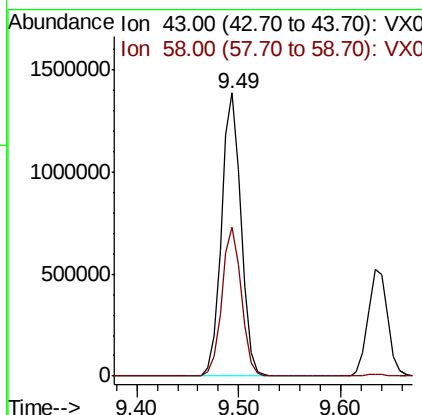
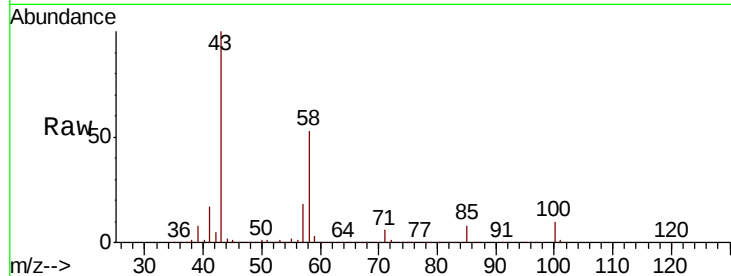




#59
2-Hexanone
Concen: 437.014 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

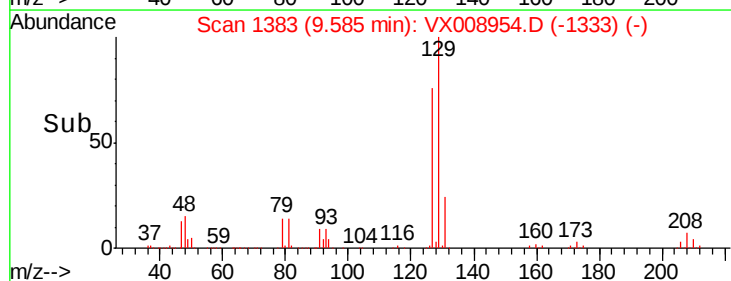
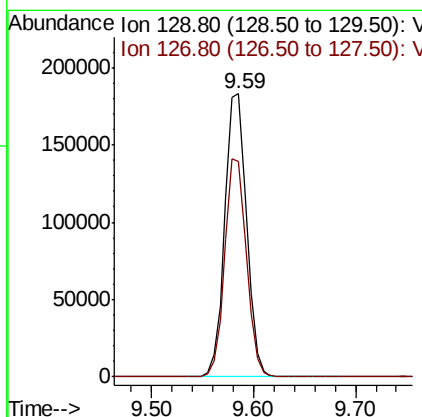
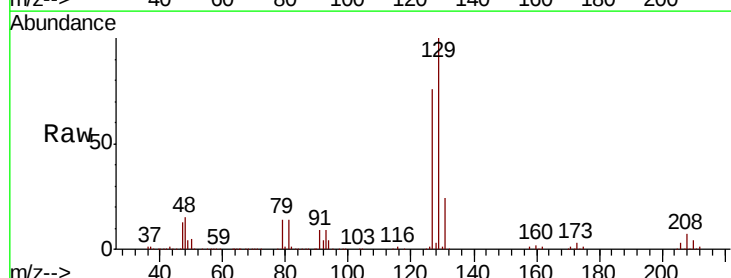
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

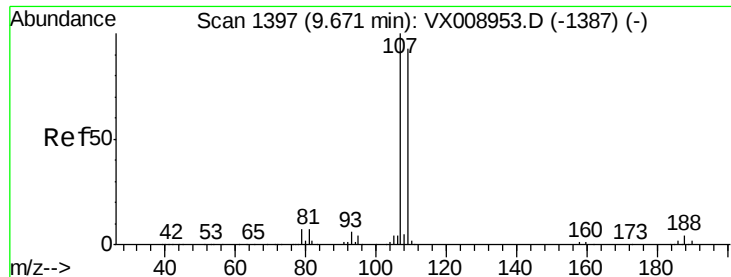
Tot Ion: 43 Resp: 1845427
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.8



#60
Dibromochloromethane
Concen: 100.426 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Tgt Ion: 129 Resp: 270820
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 90.714 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

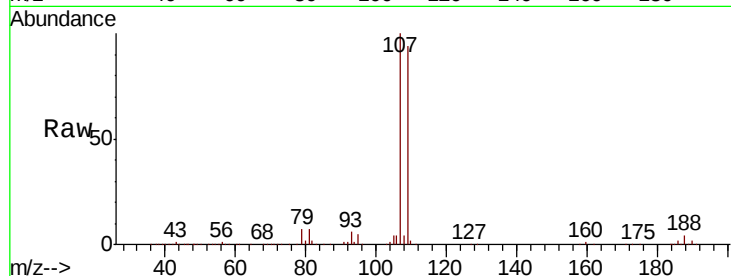
VSTDIC100

Tot Ion:107 Resp: 269652

Ion Ratio Lower Upper

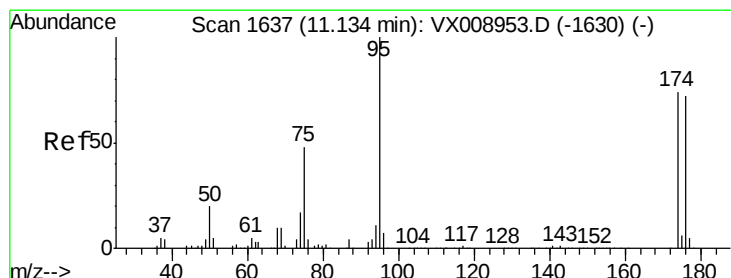
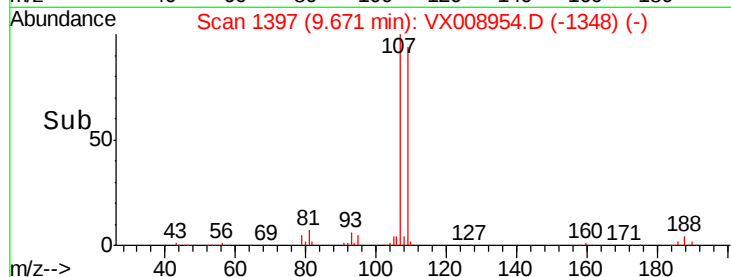
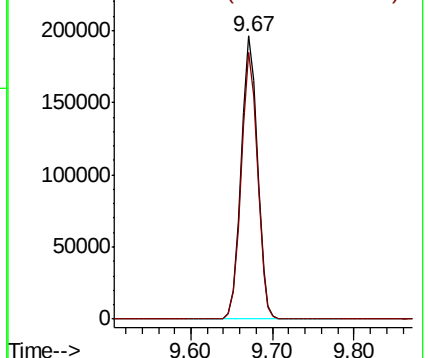
107 100

109 93.9 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 91.461 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

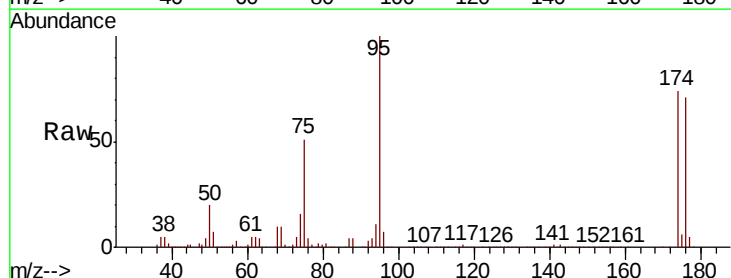
Tgt Ion: 95 Resp: 308743

Ion Ratio Lower Upper

95 100

174 80.1 0.0 159.6

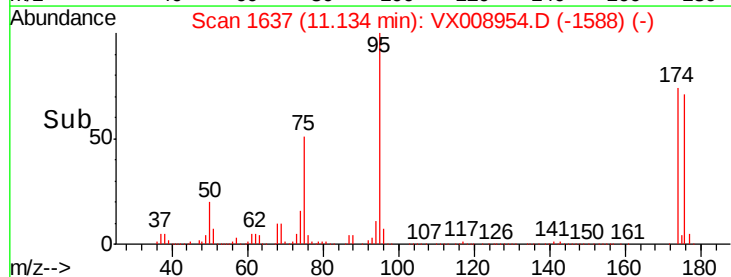
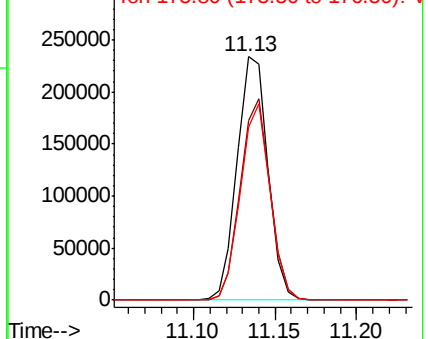
176 77.8 0.0 154.8

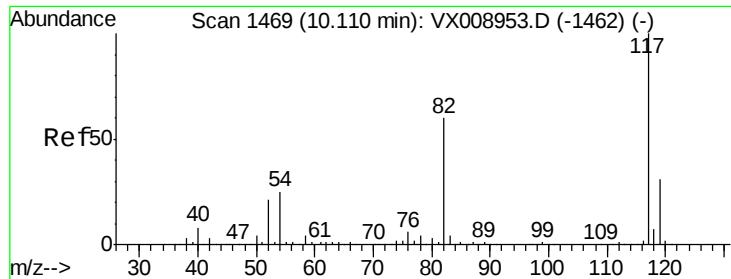


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

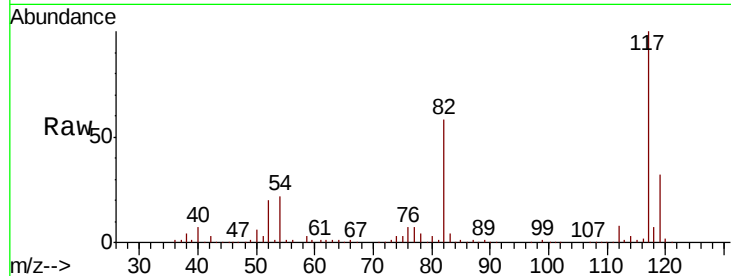




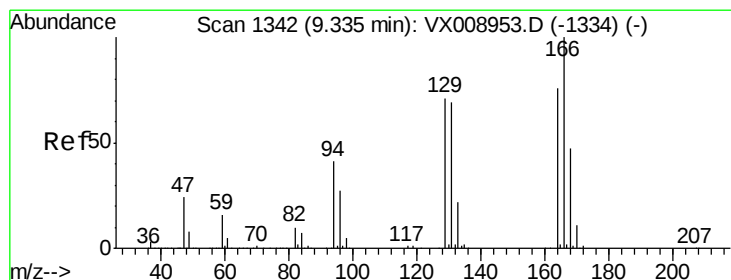
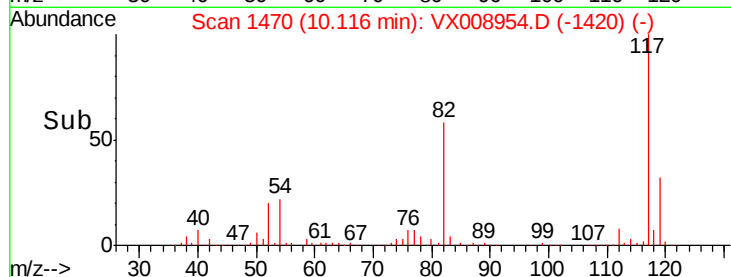
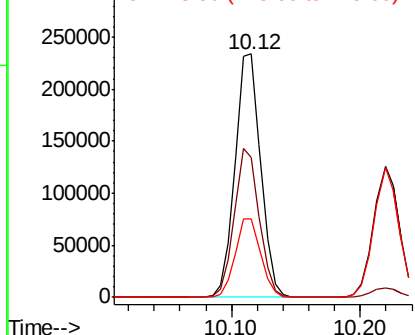
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:117 Resp: 325036
Ion Ratio Lower Upper
117 100
82 57.6 48.2 72.4
119 32.4 25.0 37.6

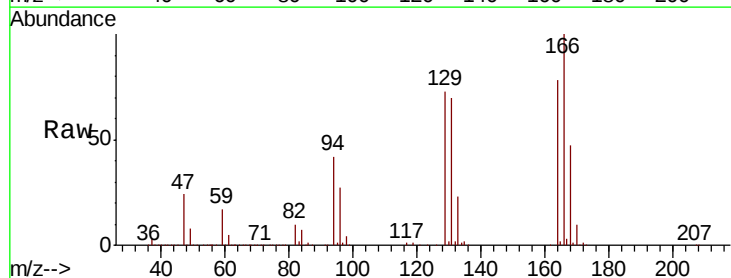


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

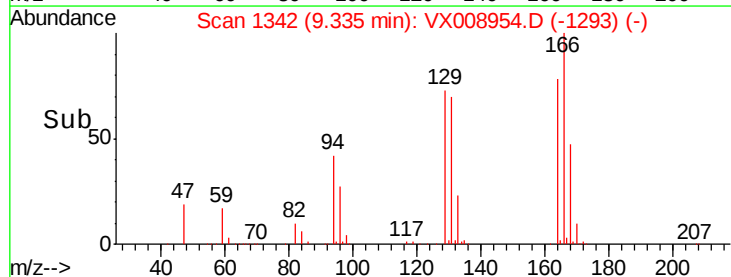
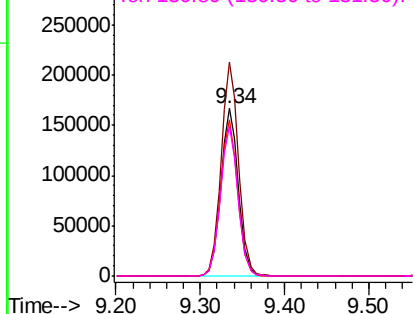


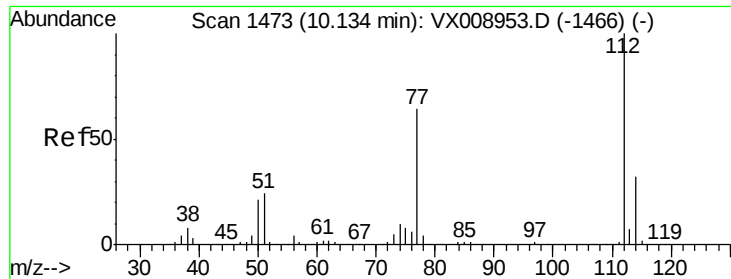
#64
Tetrachloroethene
Concen: 98.843 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Tgt Ion:164 Resp: 237011
Ion Ratio Lower Upper
164 100
166 127.4 105.0 157.4
129 92.9 74.2 111.4
131 89.1 72.2 108.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

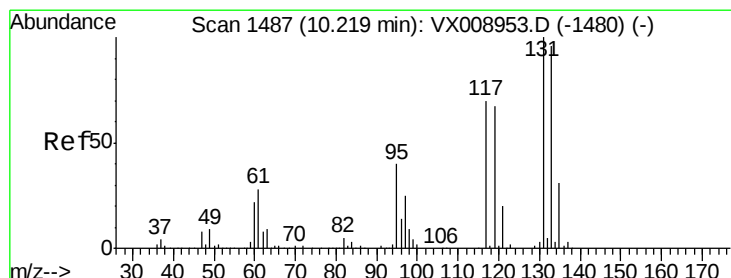
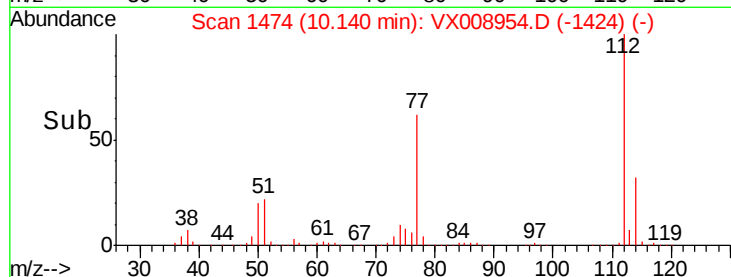
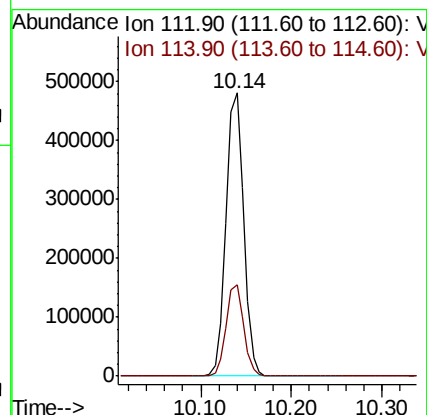
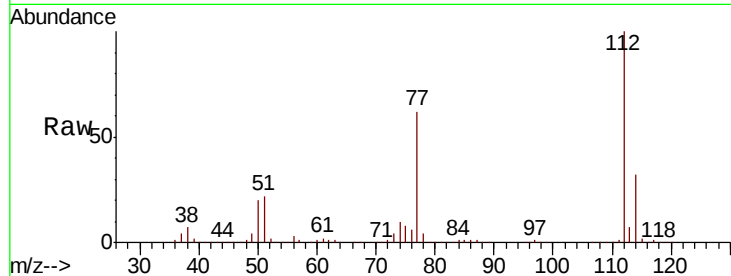




#65
Chlorobenzene
Concen: 92.668 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

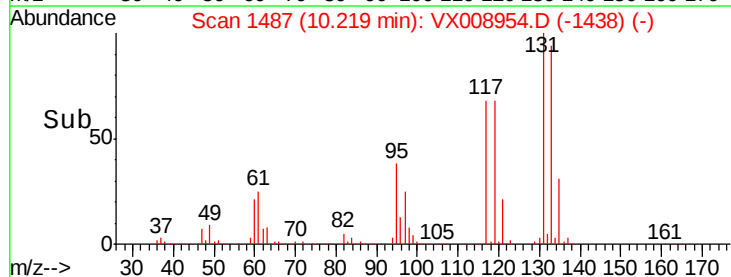
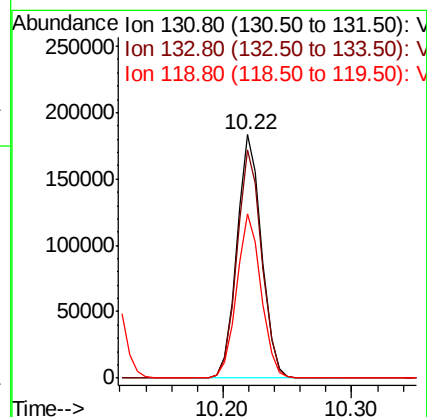
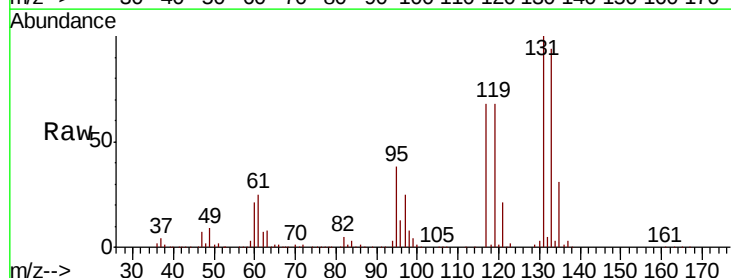
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

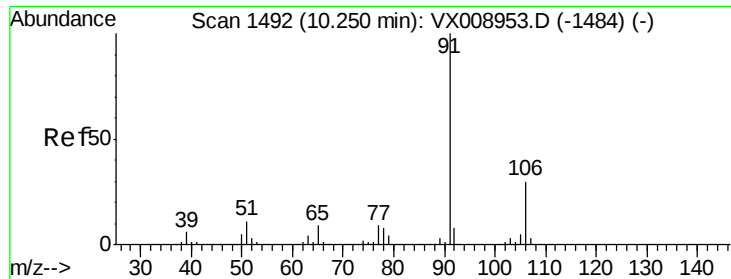
Tot Ion:112 Resp: 656170
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 98.116 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Tgt Ion:131 Resp: 243646
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.2
119 67.4 33.7 101.1





#67

Ethyl Benzene

Concen: 93.209 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

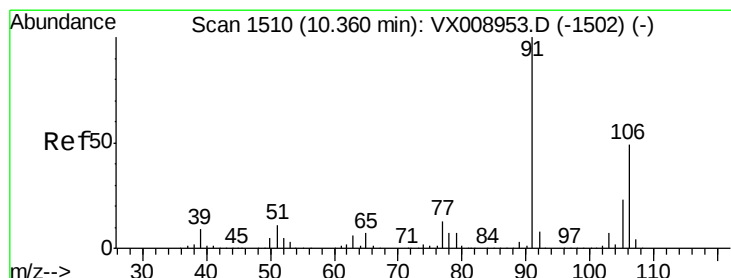
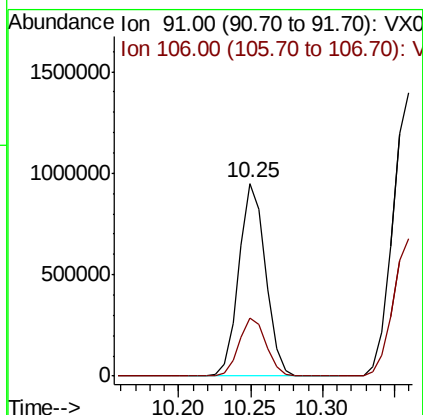
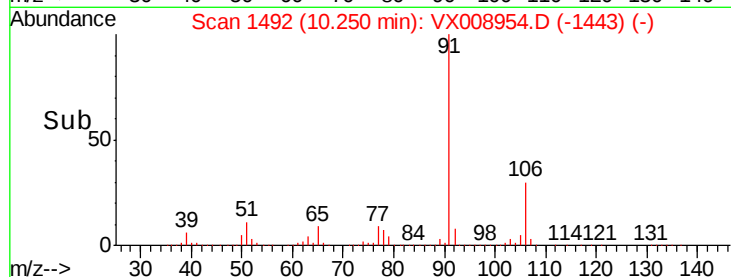
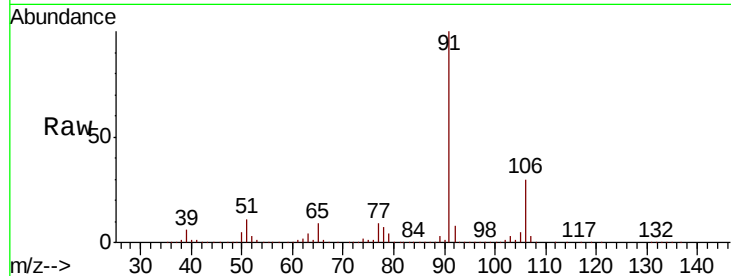
VSTDIC100

Tot Ion: 91 Resp: 1227288

Ion Ratio Lower Upper

91 100

106 29.9 24.3 36.5



#68

m/p-Xylenes

Concen: 189.204 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008954.D

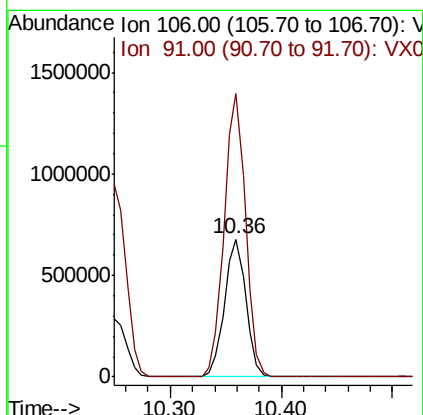
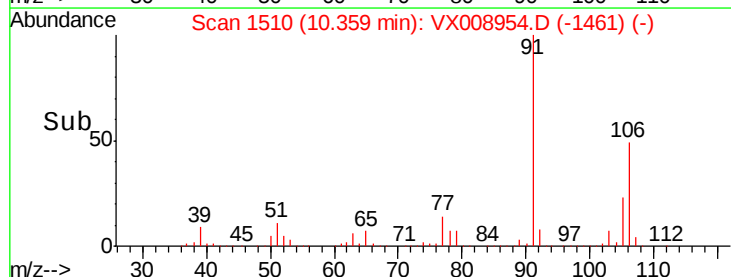
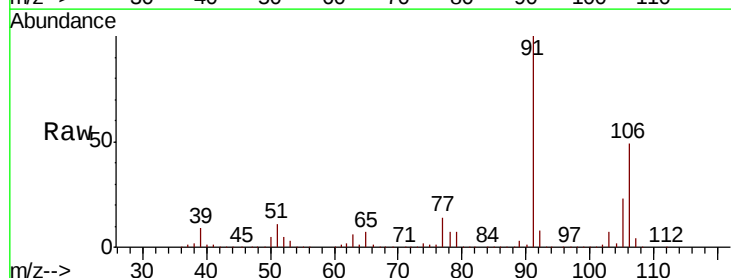
Acq: 15 Apr 2019 11:32

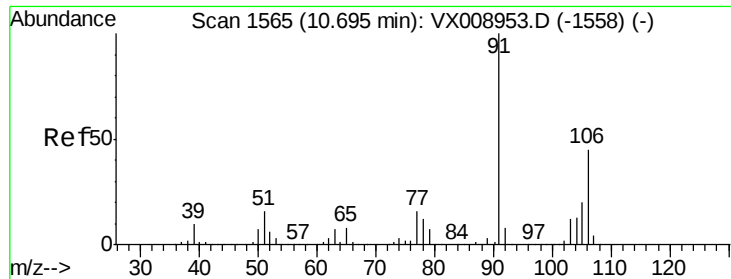
Tgt Ion:106 Resp: 897025

Ion Ratio Lower Upper

106 100

91 206.4 165.4 248.2

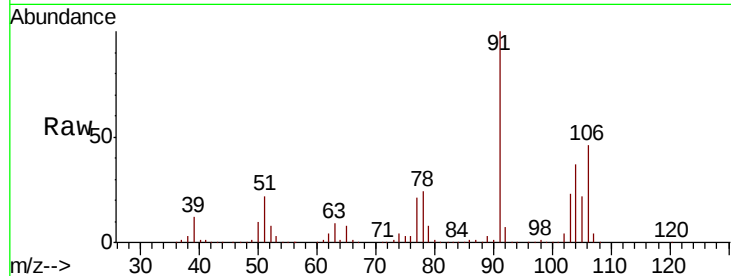




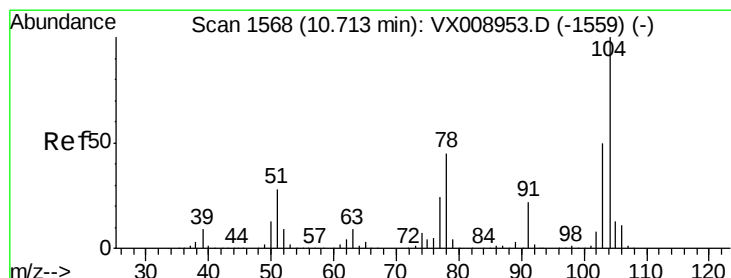
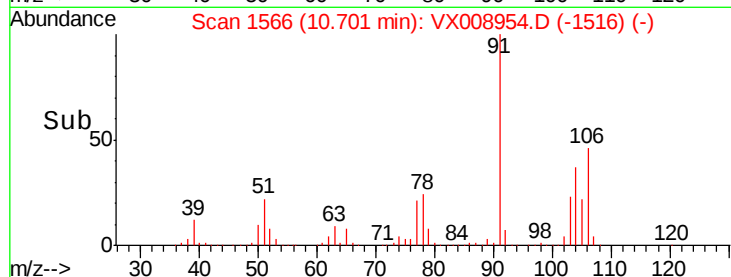
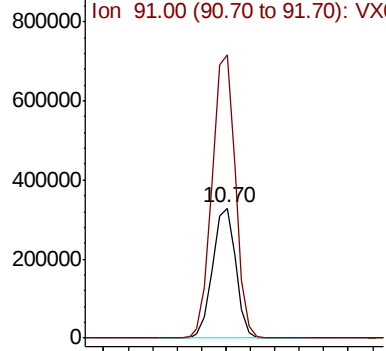
#69
o-Xylene
Concen: 93.630 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 430311
Ion Ratio Lower Upper
106 100
91 218.7 108.9 326.7

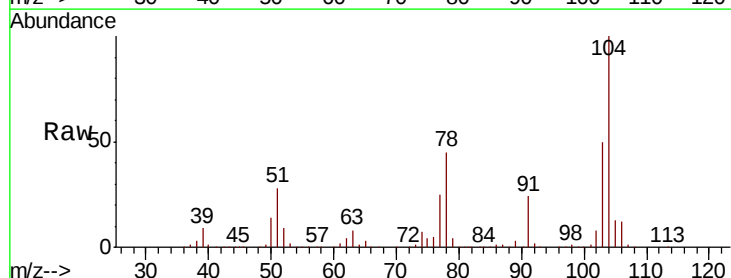


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

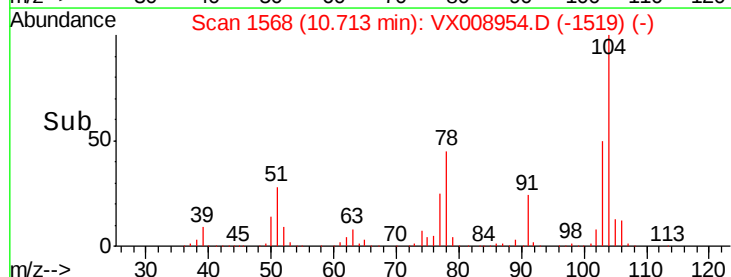
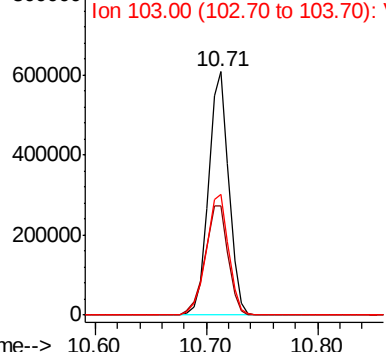


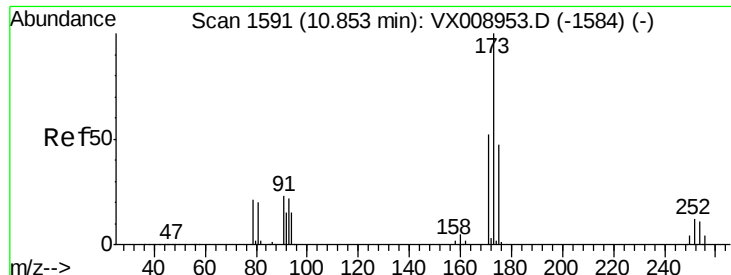
#70
Styrene
Concen: 96.069 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Tgt Ion:104 Resp: 761148
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 55.0 43.9 65.9



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: 105.224 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

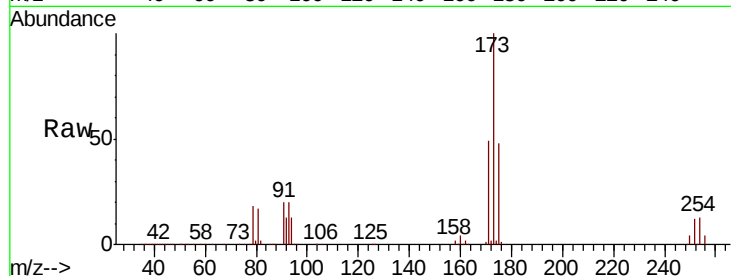
Tot Ion:173 Resp: 200569

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.8

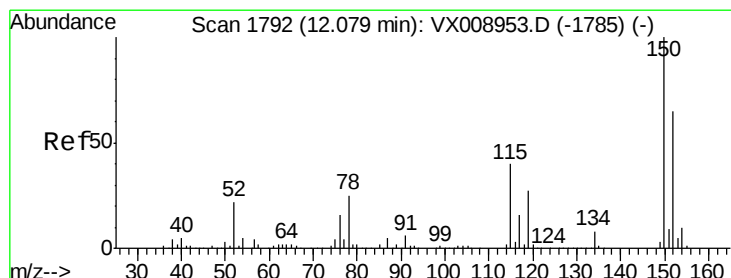
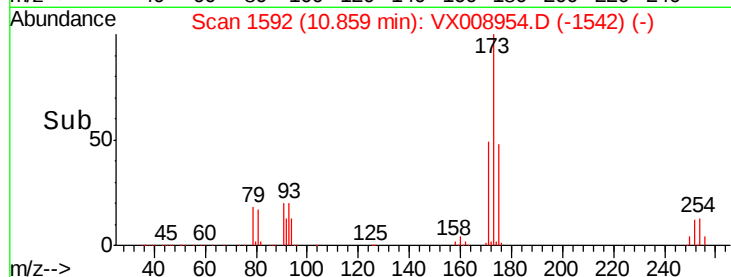
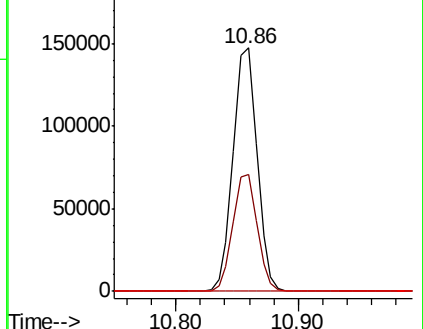
254 0.0 0.2 0.4#



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# 1792

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

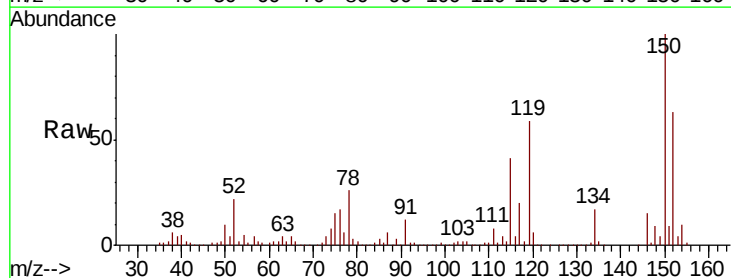
Tgt Ion:152 Resp: 157778

Ion Ratio Lower Upper

152 100

115 105.9 41.4 124.2

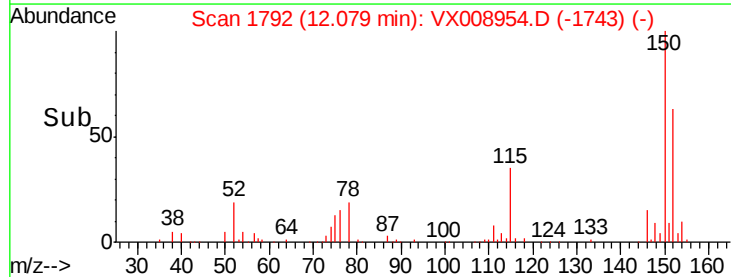
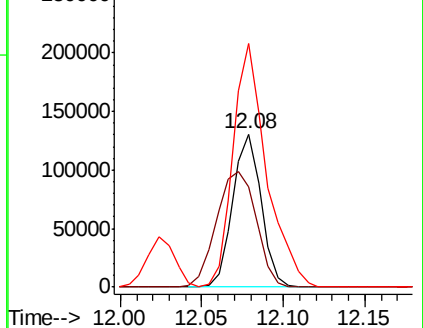
150 188.1 0.0 349.8



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: 89.884 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

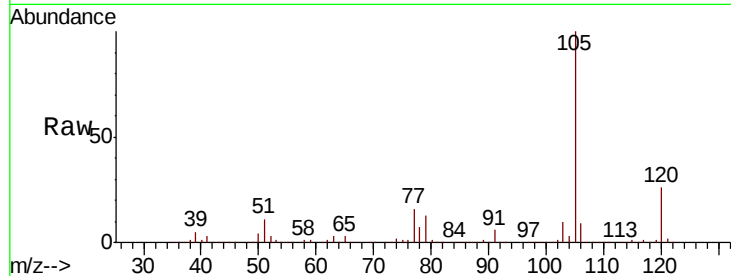
VSTDIC100

Tot Ion:105 Resp: 1148126

Ion Ratio Lower Upper

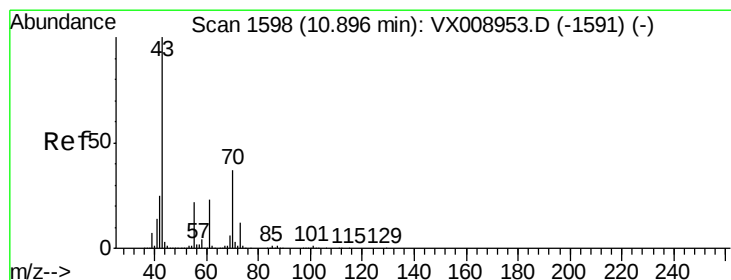
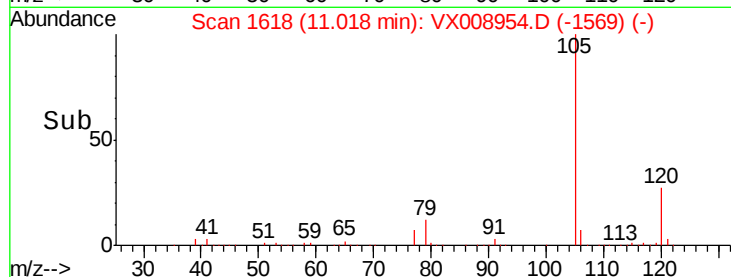
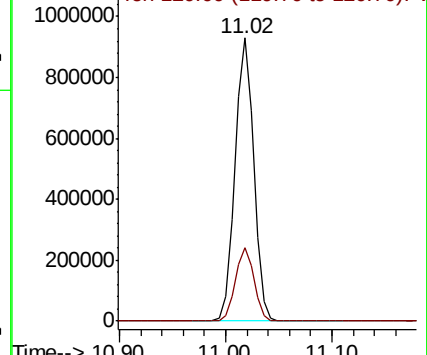
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 89.643 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Tgt Ion: 43 Resp: 673210

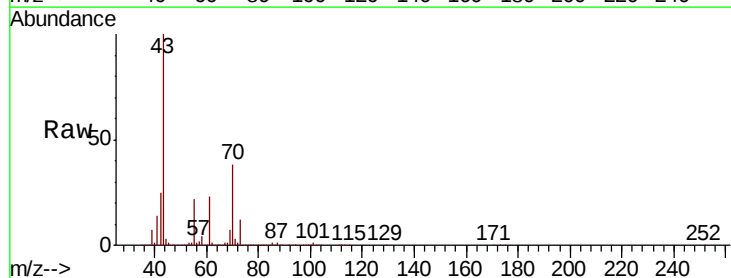
Ion Ratio Lower Upper

43 100

70 37.8 29.9 44.9

55 22.2 17.8 26.8

61 23.0 18.3 27.5

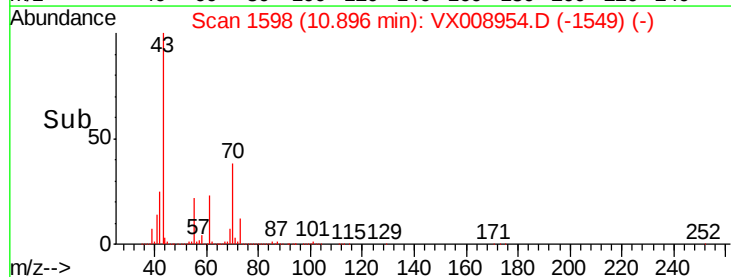
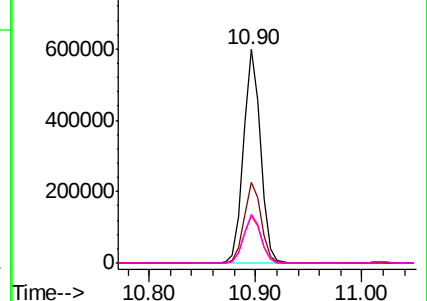


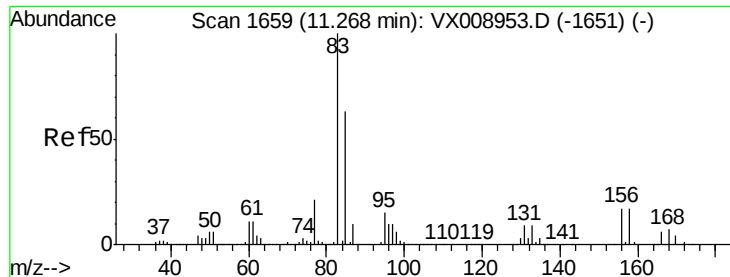
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 83.419 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

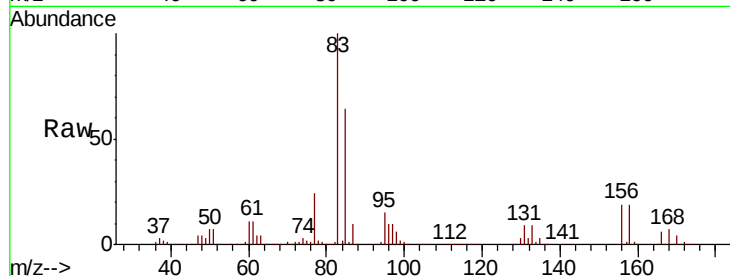
Tot Ion: 83 Resp: 404156

Ion Ratio Lower Upper

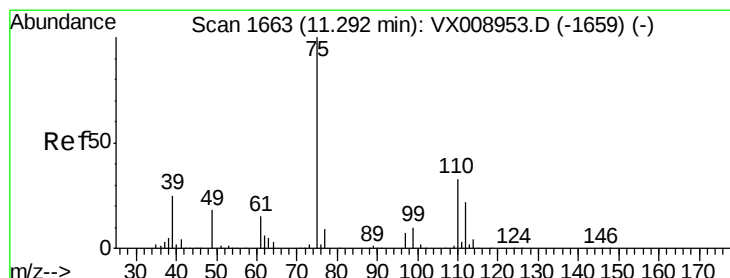
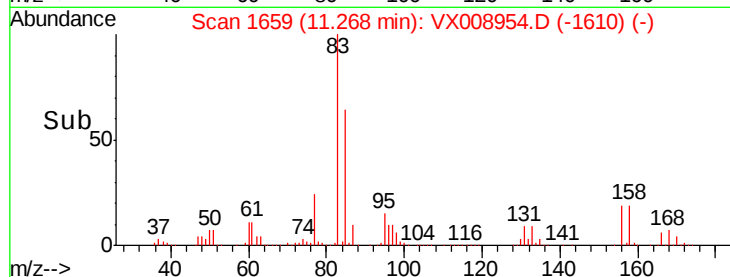
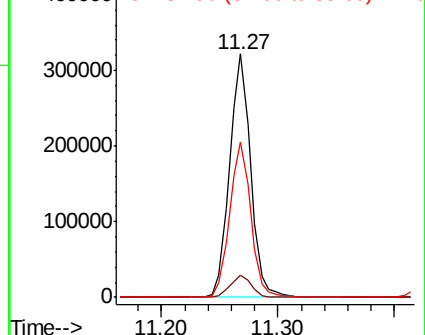
83 100

131 9.3 4.7 14.0

85 64.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 118.711 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX008954.D

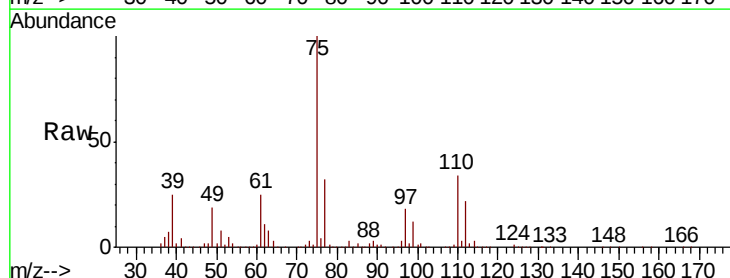
Acq: 15 Apr 2019 11:32

Tgt Ion: 75 Resp: 502373

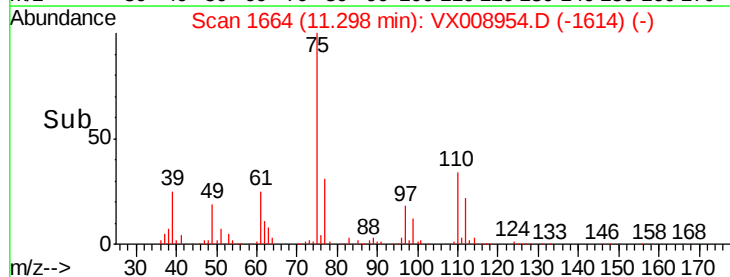
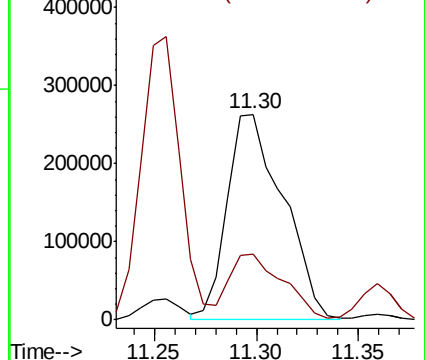
Ion Ratio Lower Upper

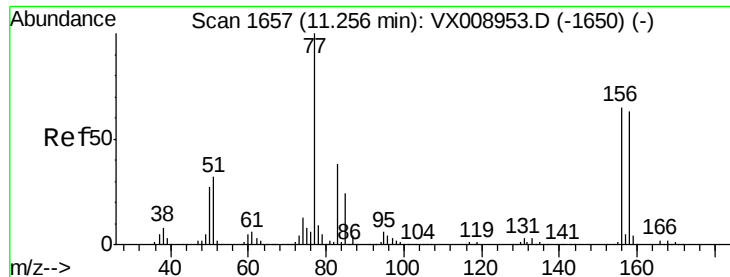
75 100

77 30.4 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 90.432 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

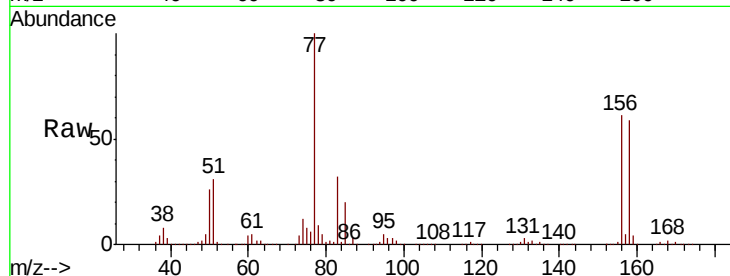
Tot Ion:156 Resp: 279256

Ion Ratio Lower Upper

156 100

77 173.3 85.4 256.1

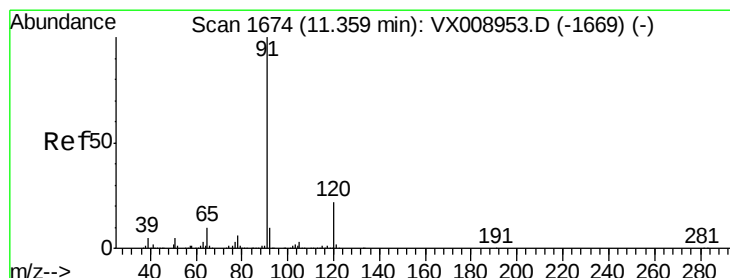
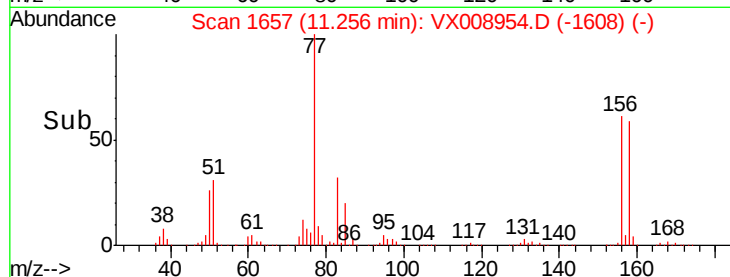
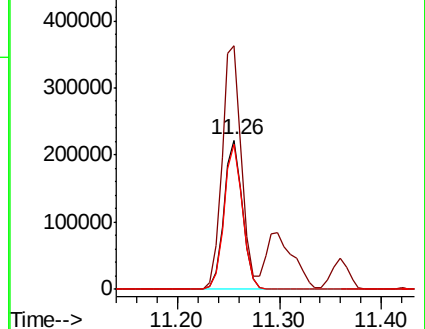
158 96.7 48.8 146.4



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: 90.109 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008954.D

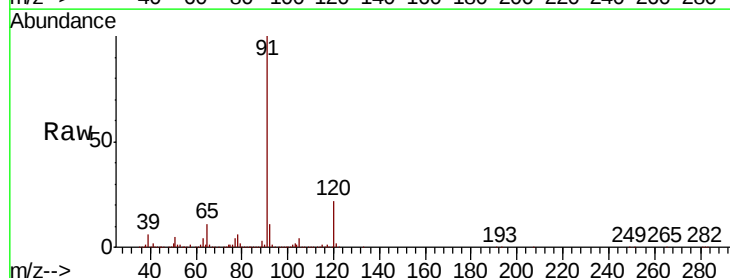
Acq: 15 Apr 2019 11:32

Tgt Ion: 91 Resp: 1339482

Ion Ratio Lower Upper

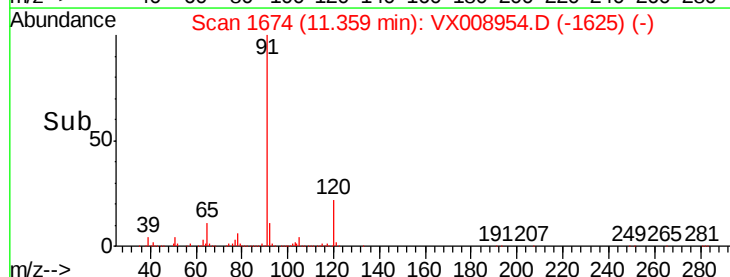
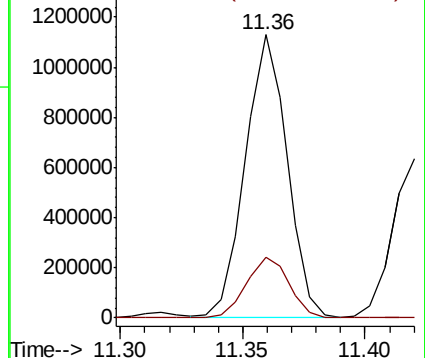
91 100

120 22.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

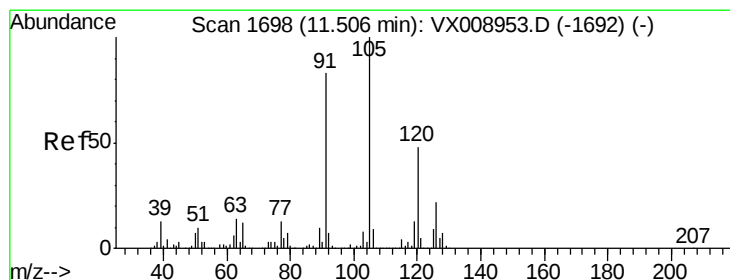
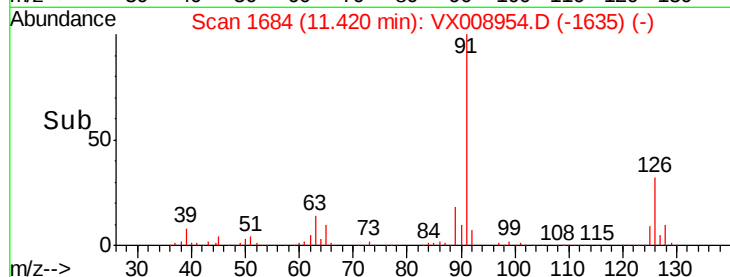
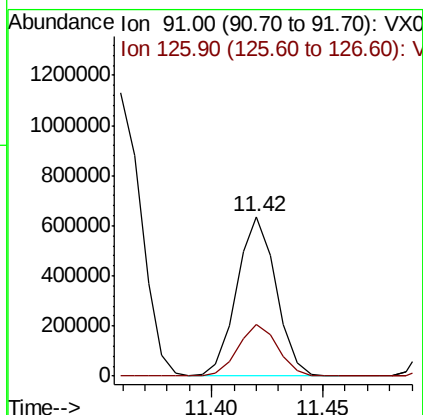
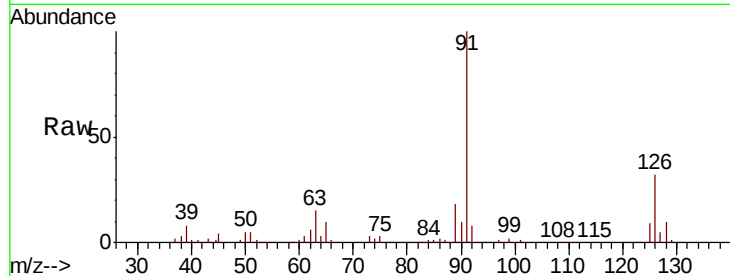




#79
 2-Chlorotoluene
 Concen: 86.861 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

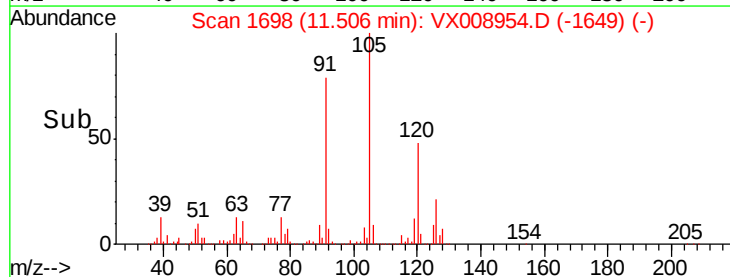
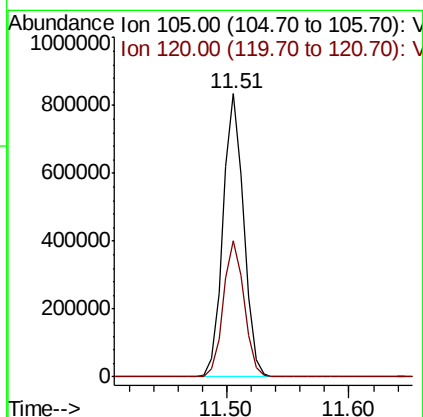
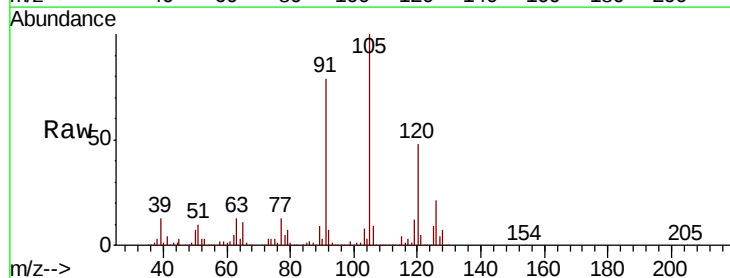
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

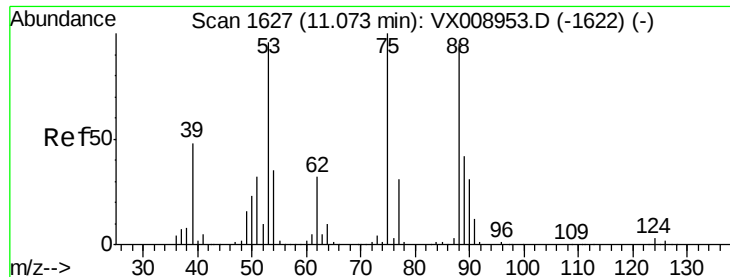
Tot Ion: 91 Resp: 781005
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 90.972 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

Tgt Ion: 105 Resp: 973845
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 101.472 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

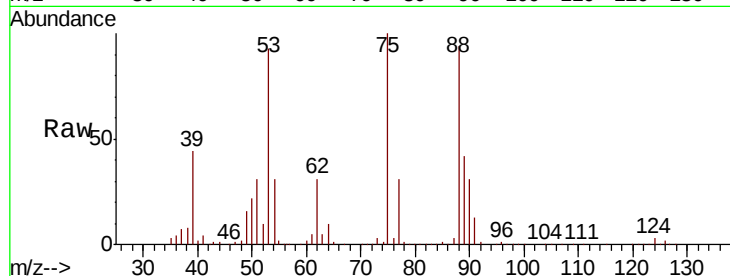
Tot Ion: 75 Resp: 157074

Ion Ratio Lower Upper

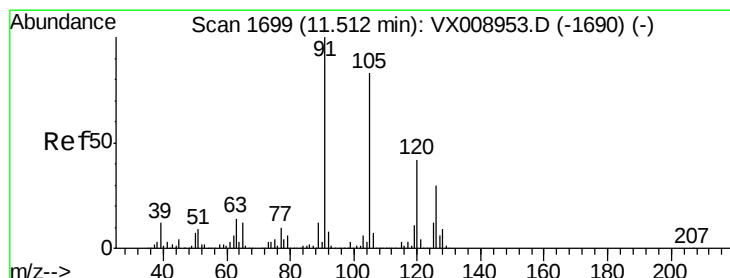
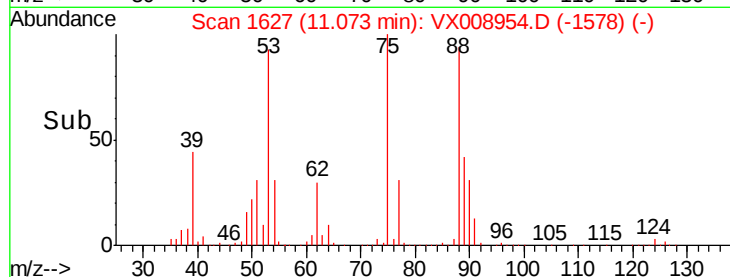
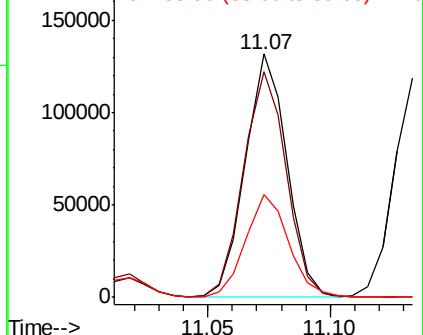
75 100

53 94.8 78.2 117.4

89 44.0 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 87.648 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008954.D

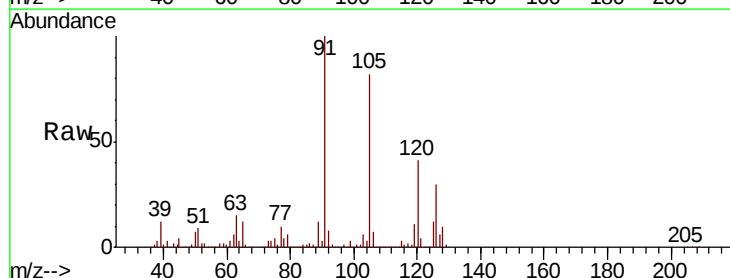
Acq: 15 Apr 2019 11:32

Tgt Ion: 91 Resp: 912699

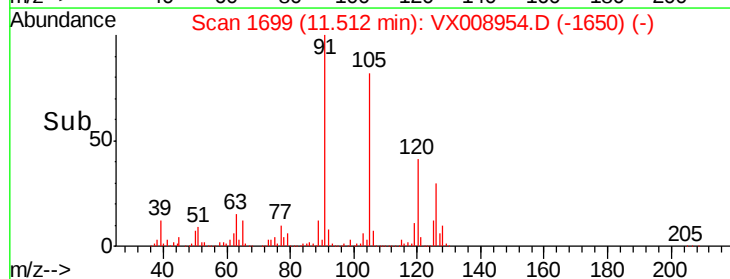
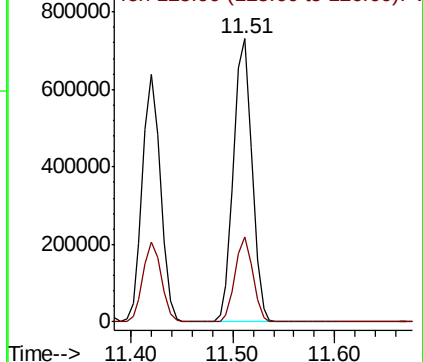
Ion Ratio Lower Upper

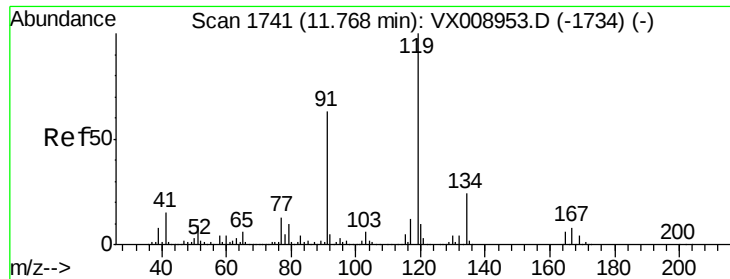
91 100

126 28.9 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 91.780 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

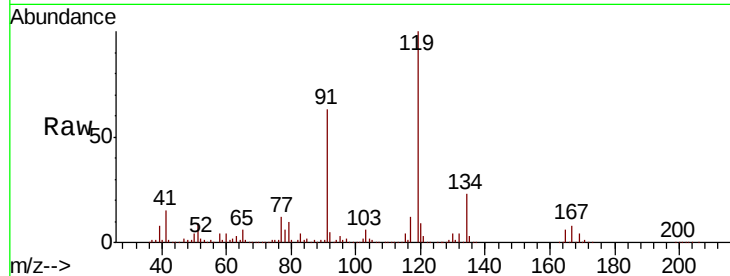
Tot Ion:119 Resp: 946318

Ion Ratio Lower Upper

119 100

91 57.3 29.7 89.1

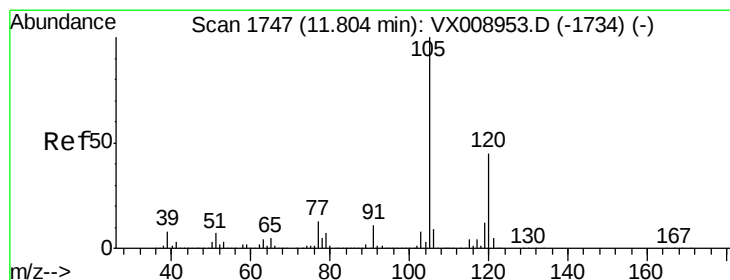
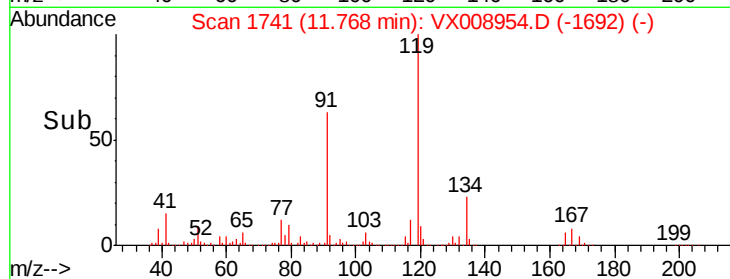
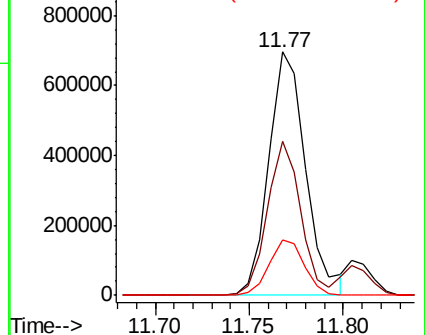
134 21.8 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 89.894 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008954.D

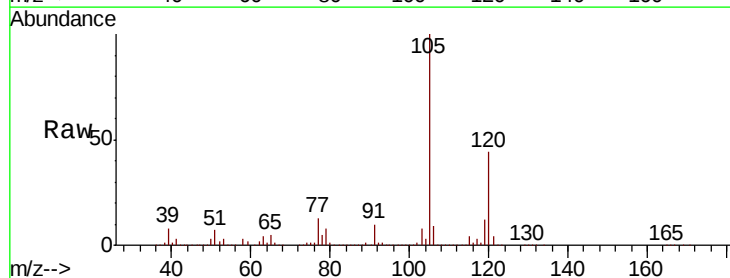
Acq: 15 Apr 2019 11:32

Tgt Ion:105 Resp: 974876

Ion Ratio Lower Upper

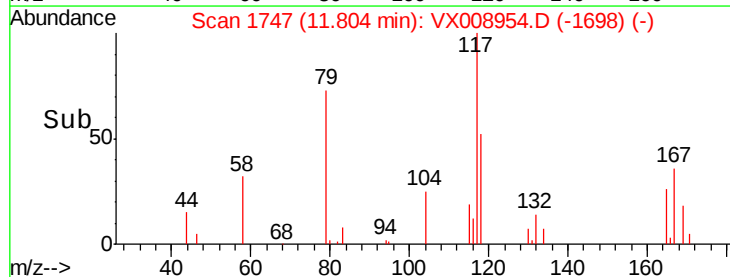
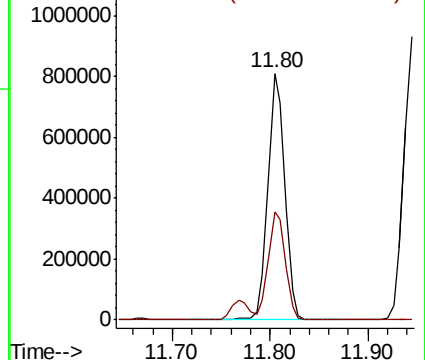
105 100

120 44.0 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 91.327 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampled :

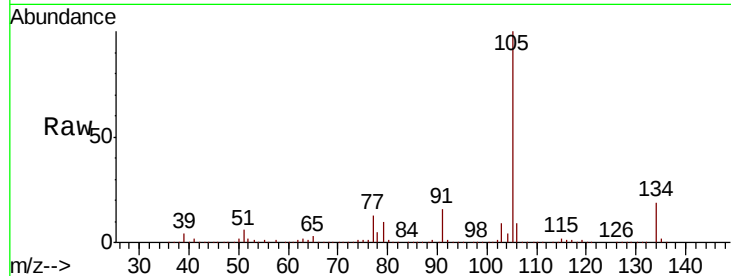
VSTDIC100

Tot Ion:105 Resp: 1118646

Ion Ratio Lower Upper

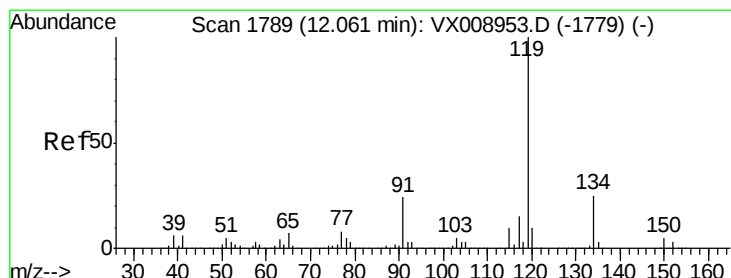
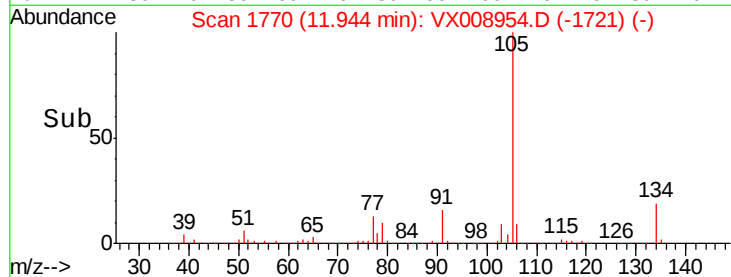
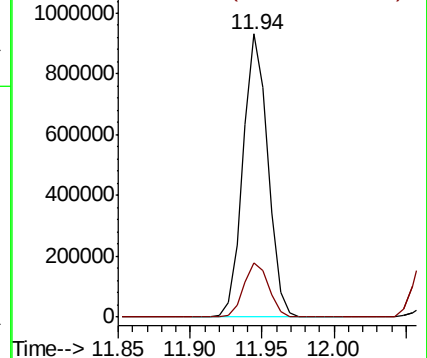
105 100

134 19.3 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 92.627 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

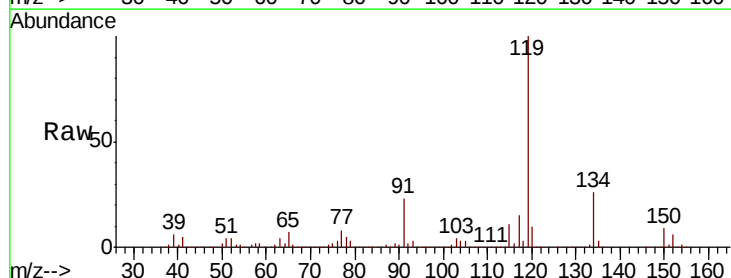
Tgt Ion:119 Resp: 1021470

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

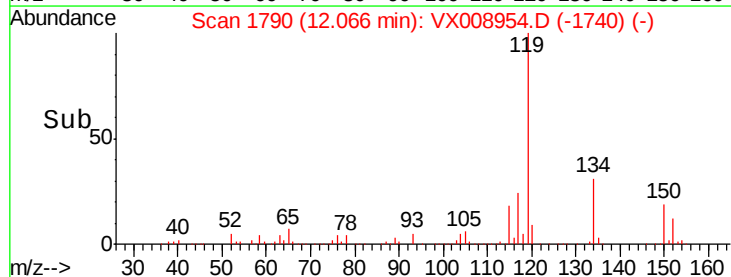
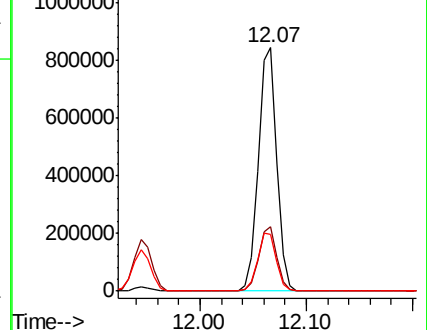
91 24.1 11.9 35.5

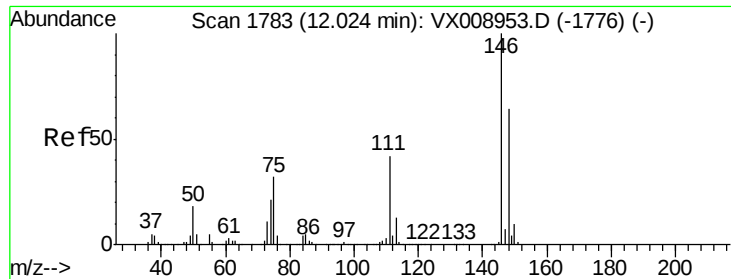


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 90.885 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

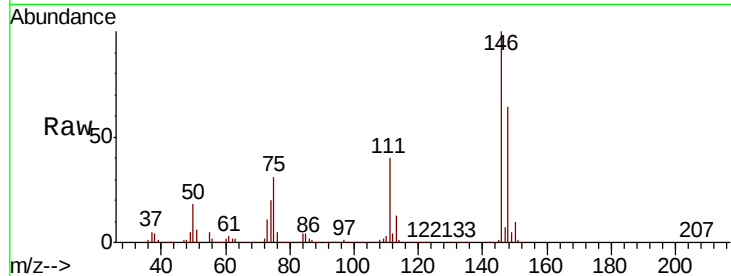
Tot Ion:146 Resp: 502185

Ion Ratio Lower Upper

146 100

111 40.3 20.5 61.6

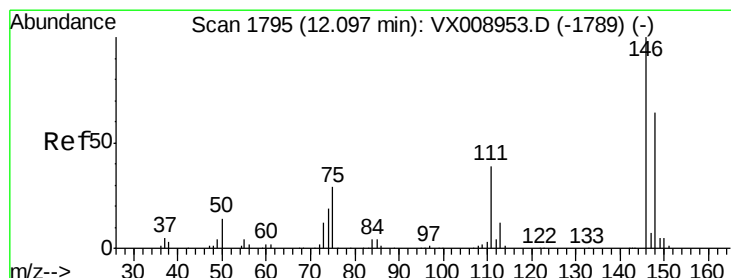
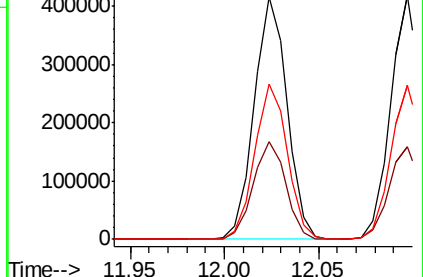
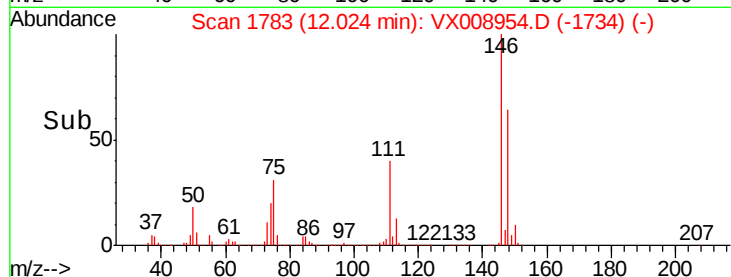
148 63.5 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 89.074 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

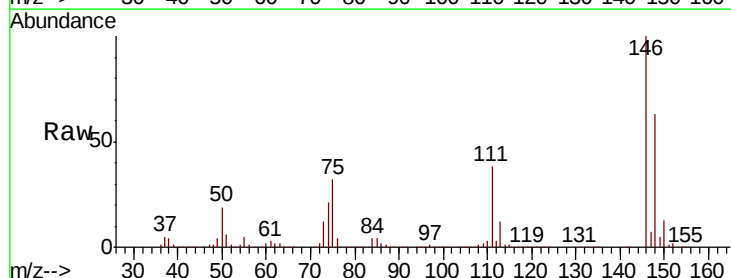
Tgt Ion:146 Resp: 499177

Ion Ratio Lower Upper

146 100

111 39.1 20.0 59.9

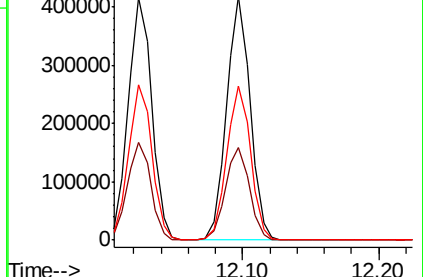
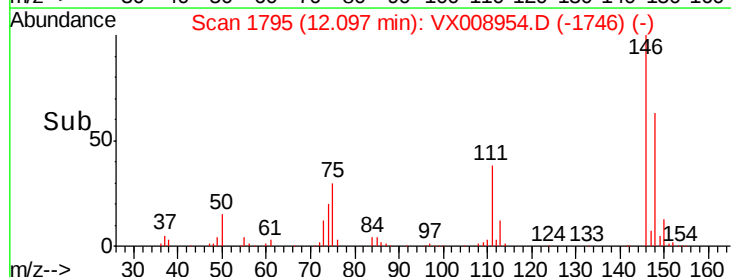
148 64.3 32.2 96.6

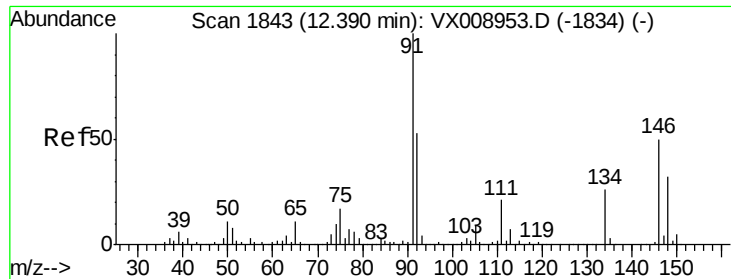


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

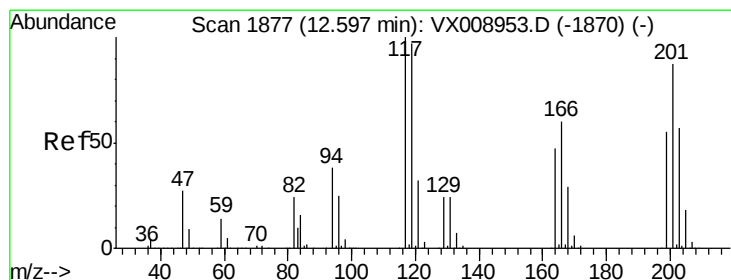
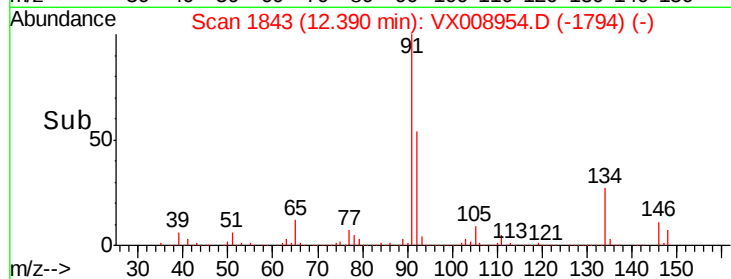
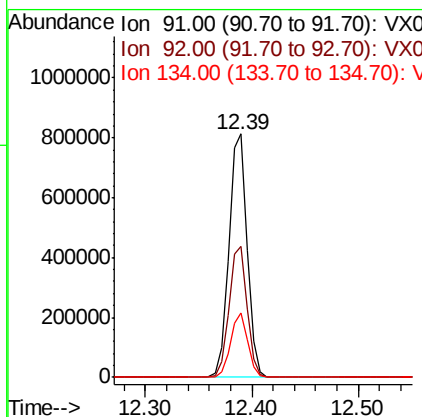
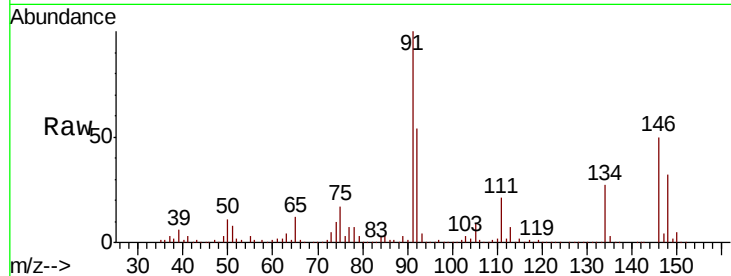




#89
n-Butylbenzene
Concen: 93.604 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

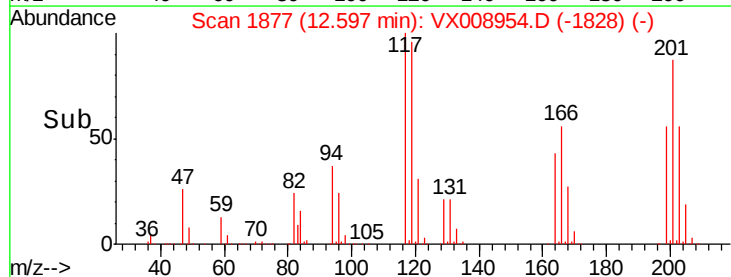
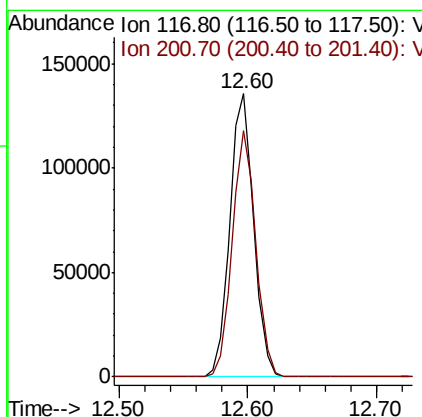
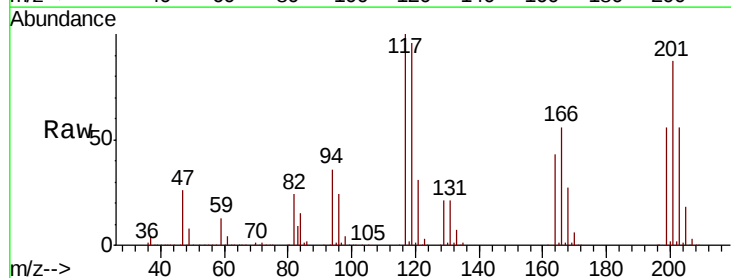
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

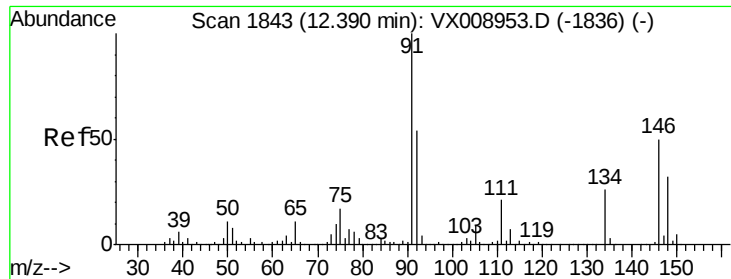
Tot Ion: 91 Resp: 967039
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.8
134 25.3 12.4 37.2



#90
Hexachloroethane
Concen: 96.256 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008954.D
Acq: 15 Apr 2019 11:32

Tgt Ion: 117 Resp: 176228
Ion Ratio Lower Upper
117 100
201 85.4 43.0 129.0

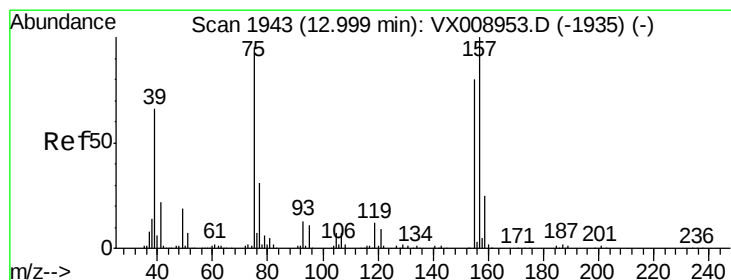
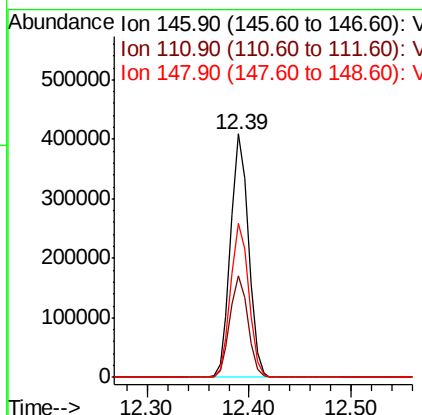
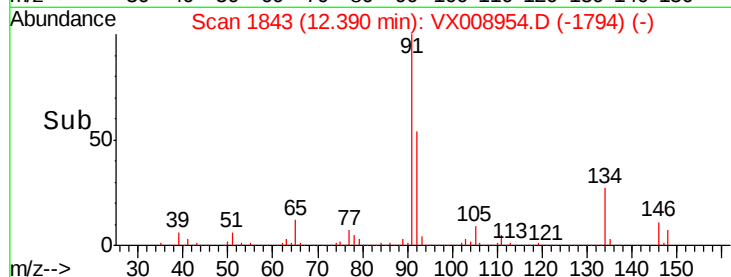
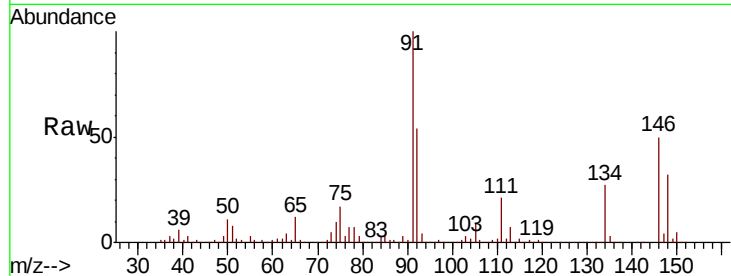




#91
 1,2-Dichlorobenzene
 Concen: 90.140 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

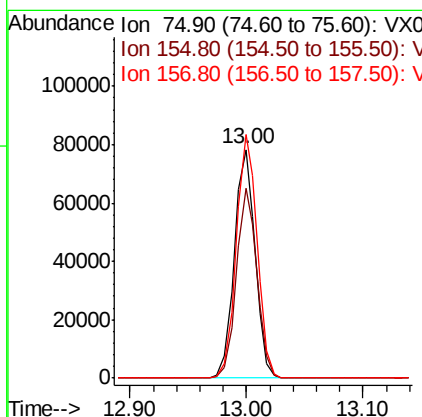
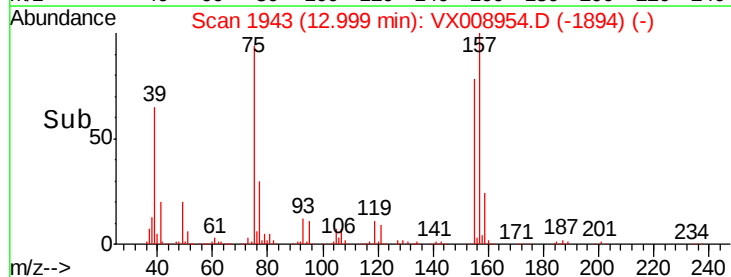
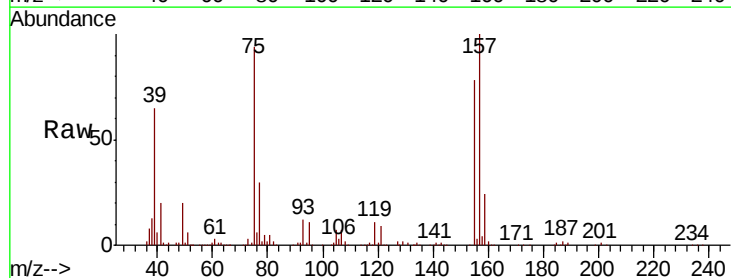
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

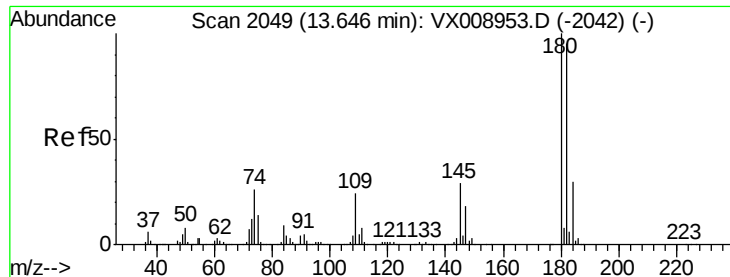
Tot Ion:146 Resp: 494458
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.9
 148 64.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 90.929 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

Tgt Ion: 75 Resp: 97196
 Ion Ratio Lower Upper
 75 100
 155 82.2 41.2 123.6
 157 106.9 52.5 157.6

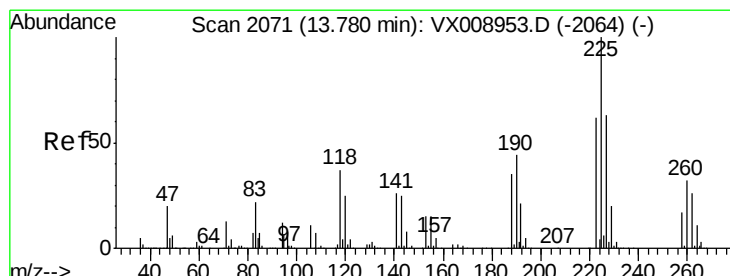
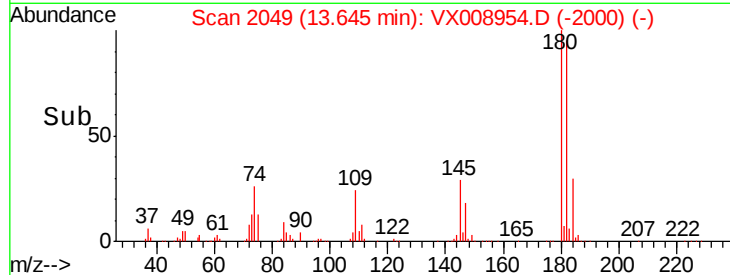
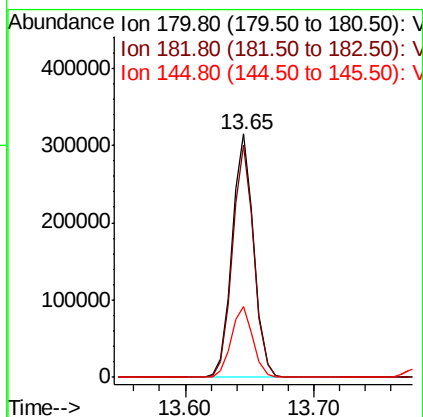
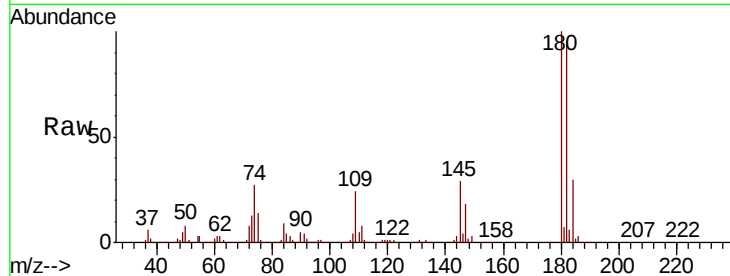




#93
 1,2,4-Trichlorobenzene
 Concen: 95.696 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

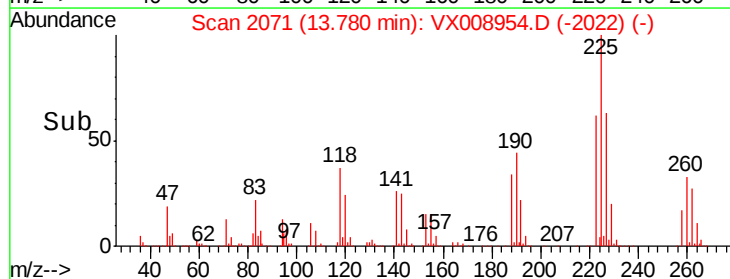
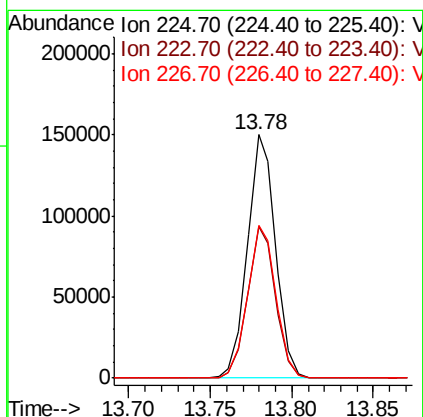
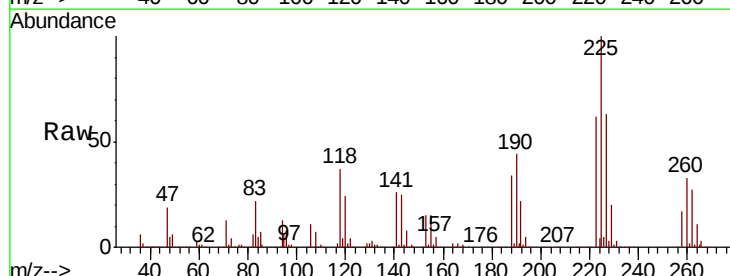
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

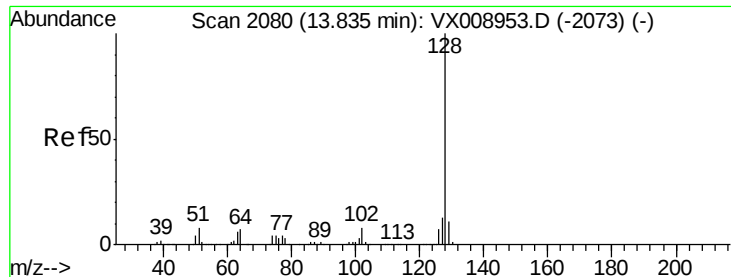
Tot Ion:180 Resp: 368089
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.6 142.9
 145 29.2 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 97.666 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008954.D
 Acq: 15 Apr 2019 11:32

Tgt Ion:225 Resp: 180047
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.1 93.2
 227 63.3 32.0 96.2





#95

Naphthalene

Concen: 93.078 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Instrument :

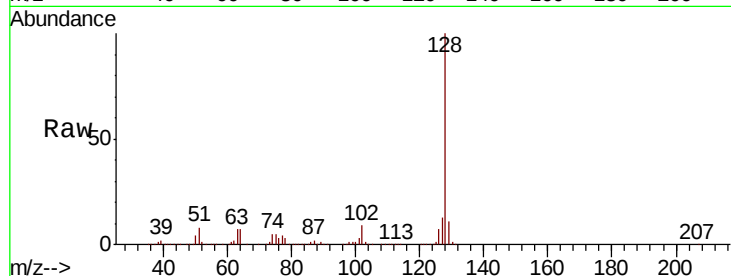
MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:128 Resp: 1185627

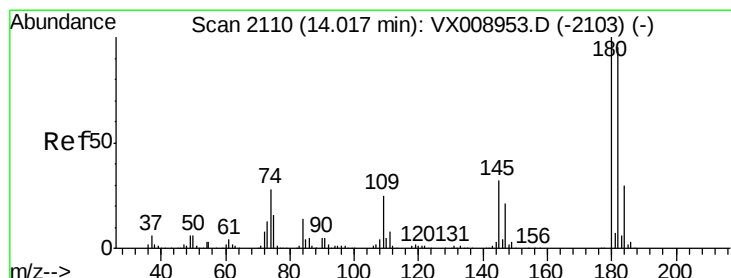
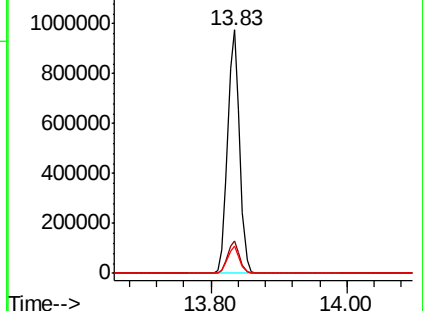
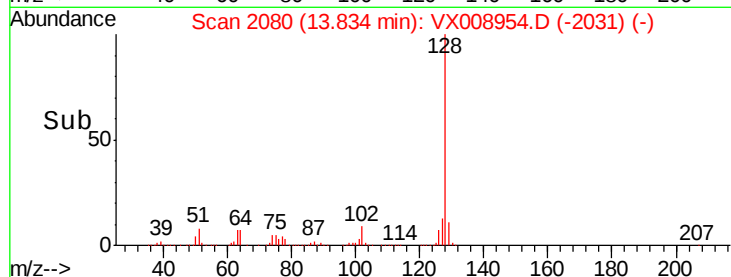
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 93.955 ug/l

RT: 14.02 min Scan# 2110

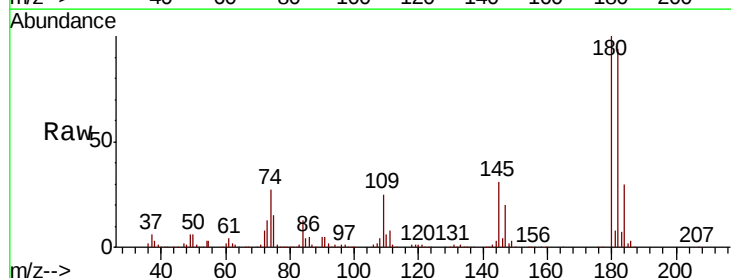
Delta R.T. -0.00 min

Lab File: VX008954.D

Acq: 15 Apr 2019 11:32

Tgt Ion:180 Resp: 360334

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.4
145	31.0	15.8	47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

