

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082119\
 Data File : VX011742.D
 Acq On : 21 Aug 2019 20:12
 Operator : JC/SP
 Sample : VX0821WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Quant Time: Aug 22 03:42:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	358875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	477758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	445424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226633	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	159135	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	5.49	113	149601	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	8.71	98	463381	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
62) 4-Bromofluorobenzene	11.13	95	201071	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	67251	19.065 ug/l	96
3) Chloromethane	1.32	50	57576	15.715 ug/l	98
4) Vinyl Chloride	1.40	62	57361	17.331 ug/l	98
5) Bromomethane	1.63	94	33134	22.343 ug/l	99
6) Chloroethane	1.71	64	33010	21.074 ug/l	99
7) Trichlorofluoromethane	1.92	101	95565	20.847 ug/l	97
8) Diethyl Ether	2.18	74	32598	20.730 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59340	18.741 ug/l	98
10) Methyl Iodide	2.50	142	64887	14.385 ug/l	99
11) Tert butyl alcohol	3.04	59	81986	100.414 ug/l	97
12) 1,1-Dichloroethene	2.37	96	56490	18.461 ug/l	98
13) Acrolein	2.29	56	20809	90.977 ug/l	89
14) Allyl chloride	2.72	41	92651	18.202 ug/l	99
15) Acrylonitrile	3.14	53	185923	99.495 ug/l	100
16) Acetone	2.43	43	159474	95.298 ug/l	100
17) Carbon Disulfide	2.56	76	126051	17.482 ug/l	98
18) Methyl Acetate	2.77	43	107686	20.749 ug/l	100
19) Methyl tert-butyl Ether	3.18	73	199460	20.014 ug/l	99
20) Methylene Chloride	2.85	84	66256	18.857 ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	62745	19.350 ug/l	92
22) Diisopropyl ether	3.85	45	193258	19.064 ug/l	97
23) Vinyl Acetate	3.81	43	764106	95.188 ug/l	100
24) 1,1-Dichloroethane	3.69	63	107442	18.746 ug/l	98
25) 2-Butanone	4.67	43	245303	93.373 ug/l	97
26) 2,2-Dichloropropane	4.57	77	75601	17.526 ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	70019	18.523 ug/l	99
28) Bromochloromethane	5.01	49	48914	19.441 ug/l	99
29) Tetrahydrofuran	5.12	42	159994	92.840 ug/l	97
30) Chloroform	5.20	83	116998	19.343 ug/l	96
31) Cyclohexane	5.57	56	92852	18.816 ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	103504	19.901 ug/l	99
36) 1,1-Dichloropropene	5.80	75	80862	19.796 ug/l	97
37) Ethyl Acetate	4.83	43	90358	19.232 ug/l	99
38) Carbon Tetrachloride	5.78	117	89747	19.942 ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92987	18.434	ug/l	98
40) Benzene	6.14	78	253380	19.961	ug/l	99
41) Methacrylonitrile	5.04	41	52613	20.347	ug/l	98
42) 1,2-Dichloroethane	6.19	62	93133	21.177	ug/l	98
43) Isopropyl Acetate	6.44	43	144467	19.703	ug/l	100
44) Trichloroethene	7.21	130	73114	19.416	ug/l	93
45) 1,2-Dichloropropane	7.51	63	63598	20.090	ug/l	100
46) Dibromomethane	7.66	93	45145	19.624	ug/l	98
47) Bromodichloromethane	7.90	83	83007	19.651	ug/l	100
48) Methyl methacrylate	7.76	41	70751	19.485	ug/l	97
49) 1,4-Dioxane	7.74	88	38154	395.066	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	488185	101.722	ug/l	99
52) Toluene	8.78	92	162484	20.092	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	83781	19.111	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	92965	19.378	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	71037	20.656	ug/l	99
56) Ethyl methacrylate	9.18	69	100072	20.021	ug/l	98
57) 1,3-Dichloropropane	9.37	76	112934	20.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	256314	102.916	ug/l	100
59) 2-Hexanone	9.49	43	379091	102.431	ug/l	100
60) Dibromochloromethane	9.58	129	73005	20.375	ug/l	100
61) 1,2-Dibromoethane	9.67	107	76791	20.922	ug/l	97
64) Tetrachloroethene	9.34	164	75379	20.626	ug/l	99
65) Chlorobenzene	10.13	112	186405	19.621	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	70867	19.957	ug/l	98
67) Ethyl Benzene	10.25	91	314233	19.819	ug/l	98
68) m/p-Xylenes	10.35	106	243165	39.954	ug/l	98
69) o-Xylene	10.69	106	119797	20.095	ug/l	98
70) Styrene	10.71	104	201152	20.043	ug/l	99
71) Bromoform	10.85	173	58541	19.140	ug/l #	96
73) Isopropylbenzene	11.02	105	317129	21.565	ug/l	99
74) N-amyl acetate	10.90	43	122758	19.643	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	106859	21.123	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	111733	26.000	ug/l	86
77) Bromobenzene	11.25	156	93994	21.483	ug/l	99
78) n-propylbenzene	11.36	91	335865	21.180	ug/l	100
79) 2-Chlorotoluene	11.42	91	207689	21.329	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	266021	21.534	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25137	18.909	ug/l	86
82) 4-Chlorotoluene	11.51	91	239354	21.188	ug/l	100
83) tert-Butylbenzene	11.77	119	266065	21.147	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	268644	21.661	ug/l	99
85) sec-Butylbenzene	11.94	105	300992	21.204	ug/l	100
86) p-Isopropyltoluene	12.06	119	282141	21.127	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	145795	19.386	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153677	20.162	ug/l	98
89) n-Butylbenzene	12.38	91	228468	20.809	ug/l	98
90) Hexachloroethane	12.59	117	42338	20.076	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	156999	20.797	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23511	20.314	ug/l	93

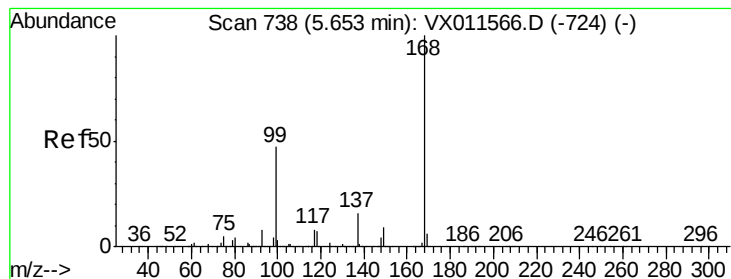
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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112314	19.967	ug/l	98
94) Hexachlorobutadiene	13.78	225	61723	20.152	ug/l	97
95) Naphthalene	13.83	128	344981	21.694	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112724	19.869	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

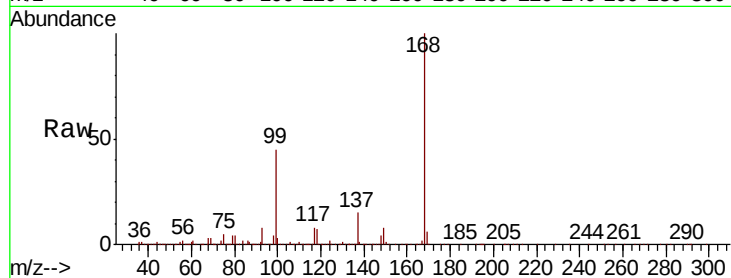
VX0821WBSD02

Tgt Ion: 168 Resp: 358875

Ion Ratio Lower Upper

168 100

99 44.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

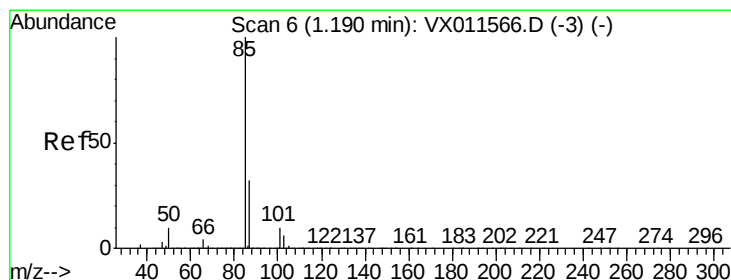
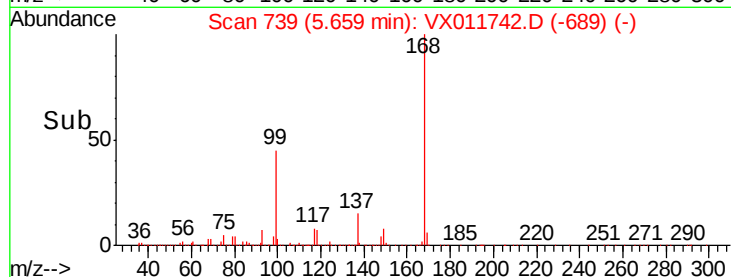
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50000

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Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.065 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011742.D

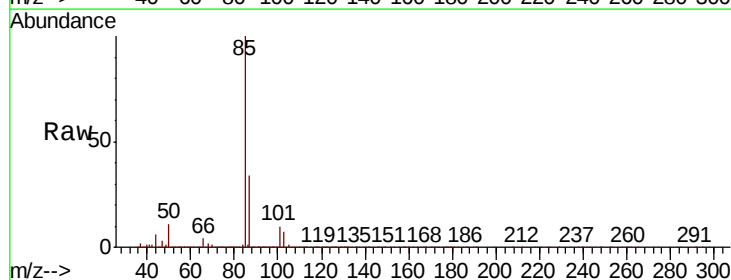
Acq: 21 Aug 2019 20:12

Tgt Ion: 85 Resp: 67251

Ion Ratio Lower Upper

85 100

87 34.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

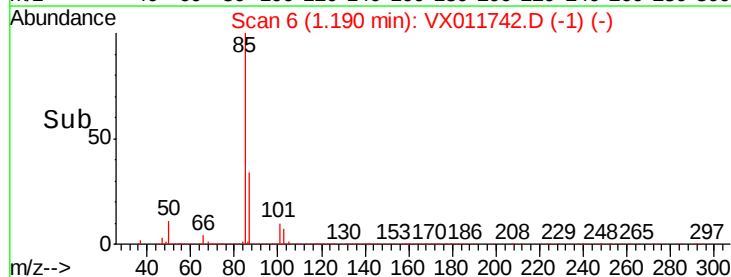
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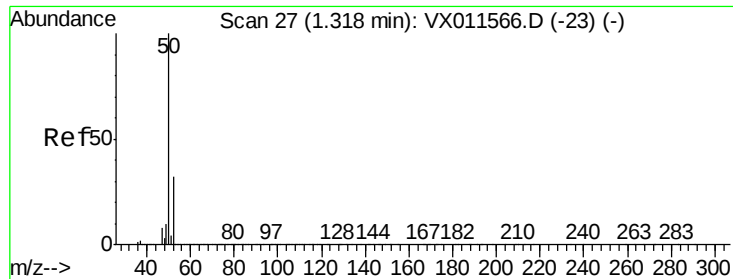
20000

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Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 15.715 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

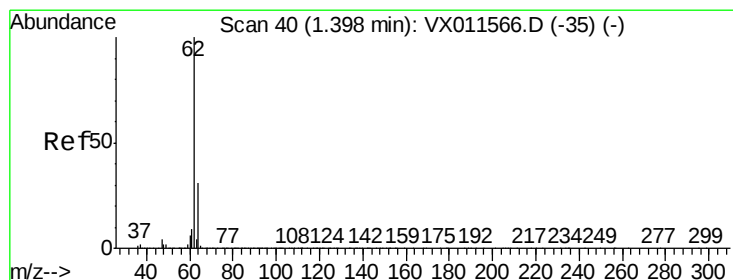
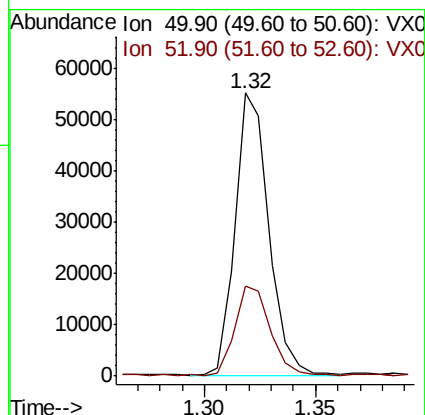
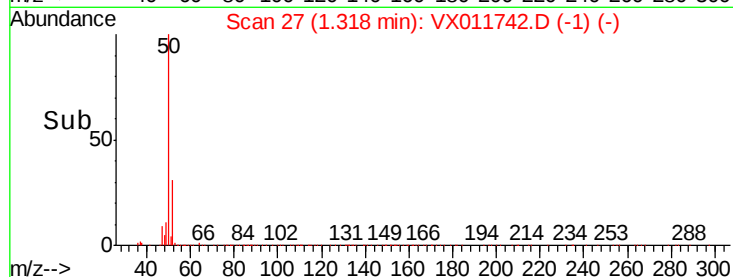
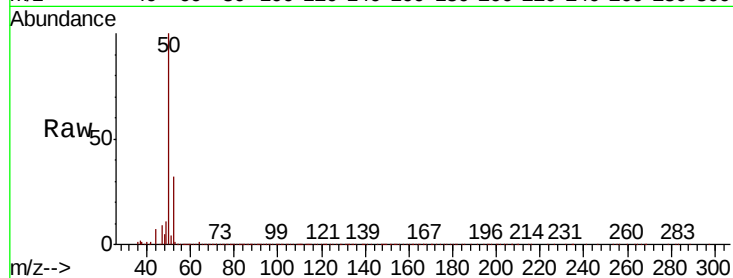
VX0821WBSD02

Tgt Ion: 50 Resp: 57576

Ion Ratio Lower Upper

50 100

52 31.5 26.0 39.0



#4

Vinyl Chloride

Concen: 17.331 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011742.D

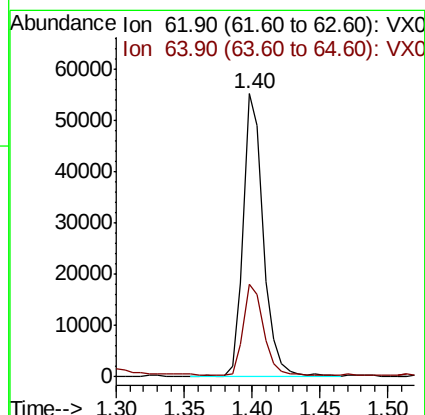
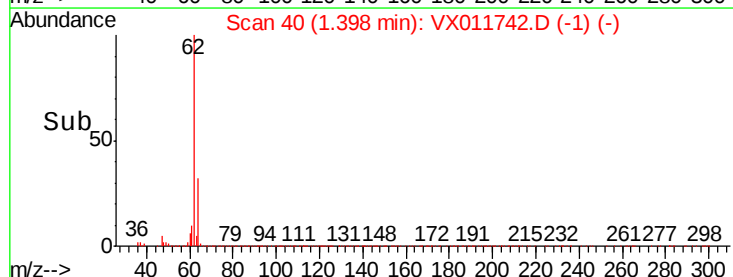
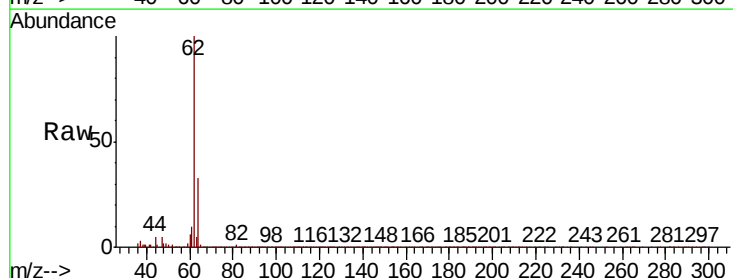
Acq: 21 Aug 2019 20:12

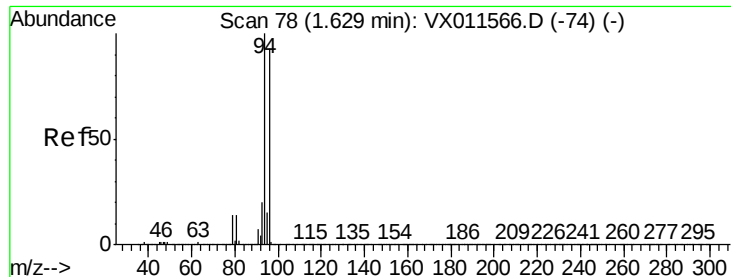
Tgt Ion: 62 Resp: 57361

Ion Ratio Lower Upper

62 100

64 32.0 25.0 37.4





#5

Bromomethane

Concen: 22.343 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

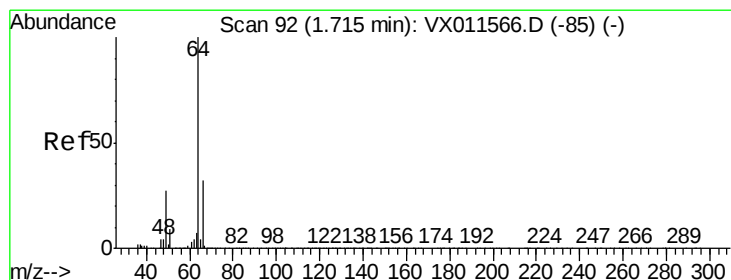
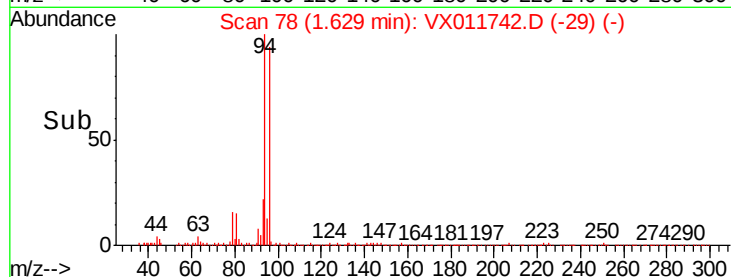
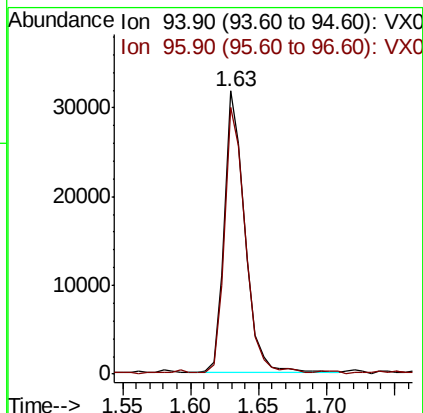
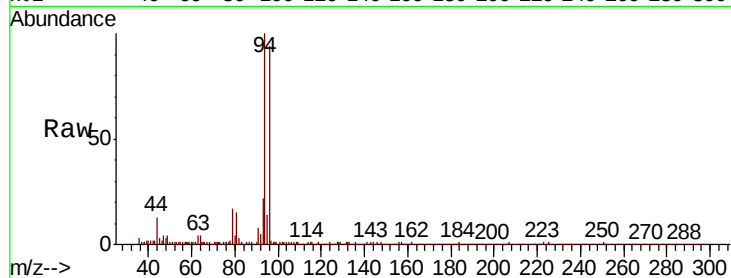
VX0821WBSD02

Tgt Ion: 94 Resp: 33134

Ion Ratio Lower Upper

94 100

96 94.2 74.8 112.2



#6

Chloroethane

Concen: 21.074 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011742.D

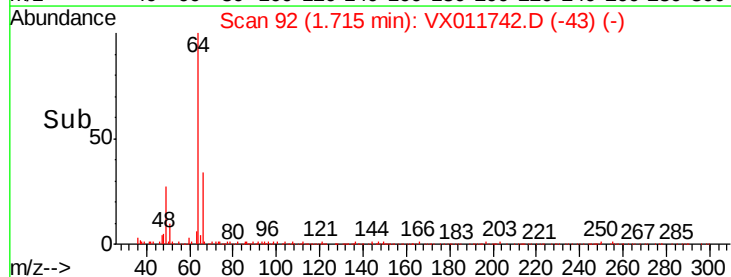
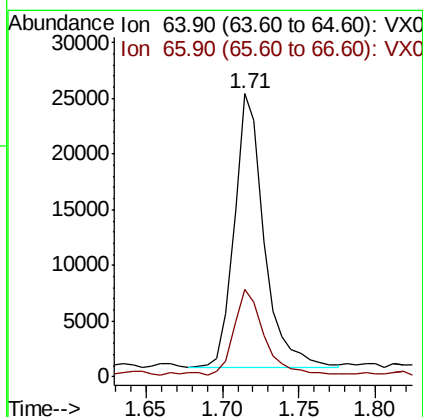
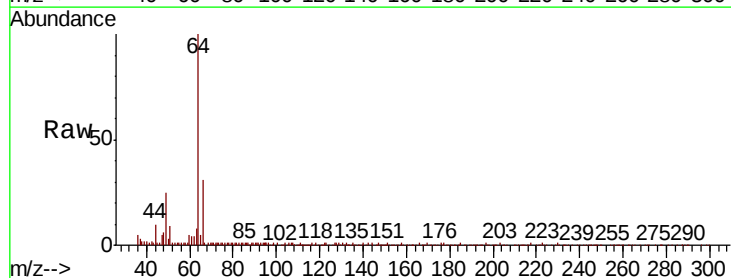
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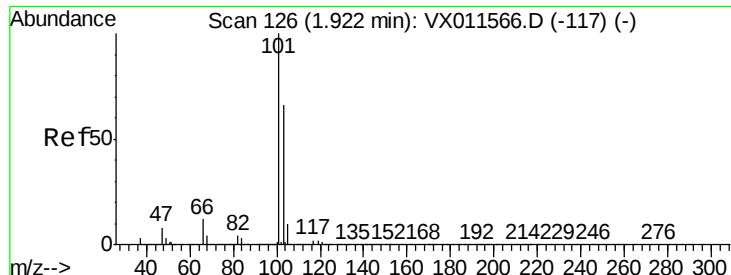
Tgt Ion: 64 Resp: 33010

Ion Ratio Lower Upper

64 100

66 30.9 25.3 37.9



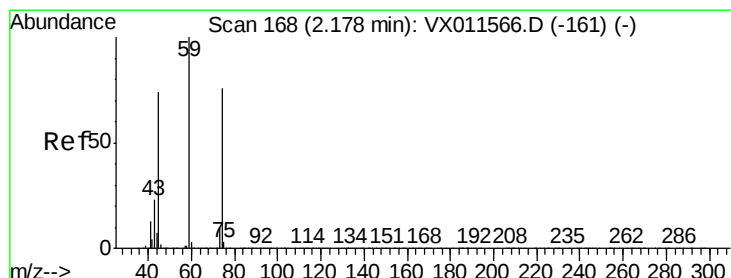
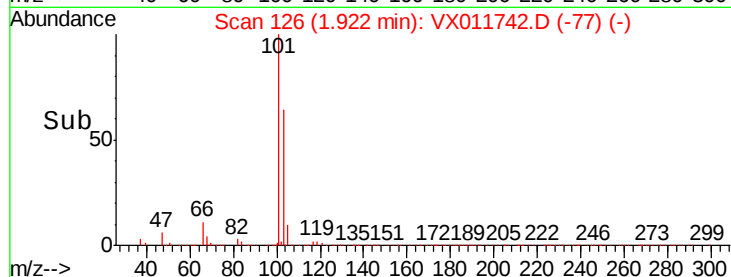
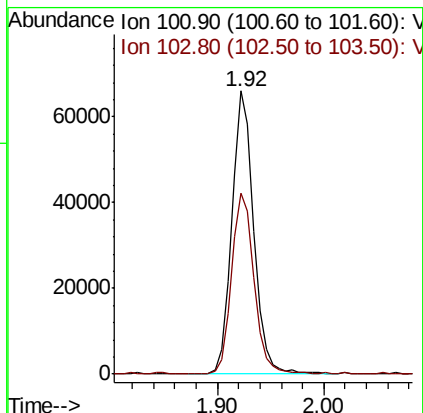
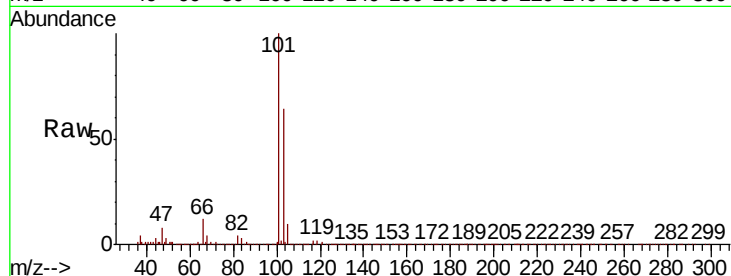


#7

Trichlorofluoromethane
 Concen: 20.847 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

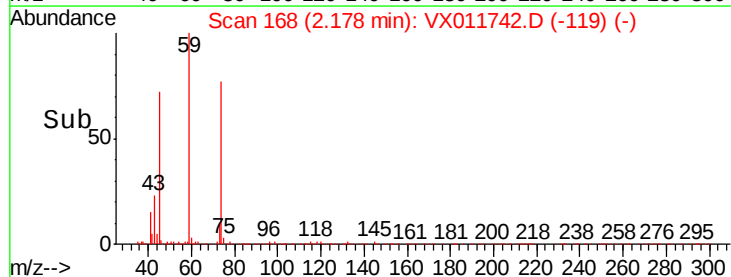
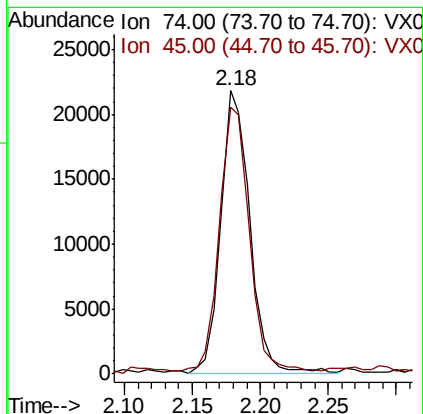
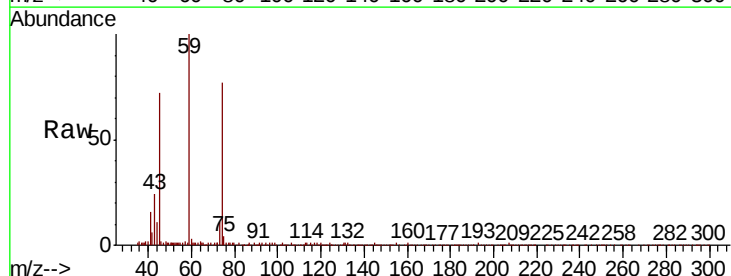
Tgt Ion:101 Resp: 95565
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.9 79.3

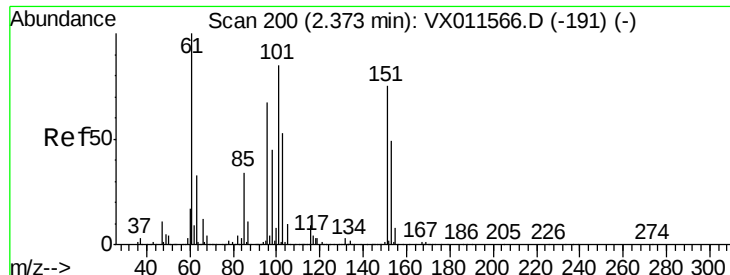


#8

Diethyl Ether
 Concen: 20.730 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion: 74 Resp: 32598
 Ion Ratio Lower Upper
 74 100
 45 95.5 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.741 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

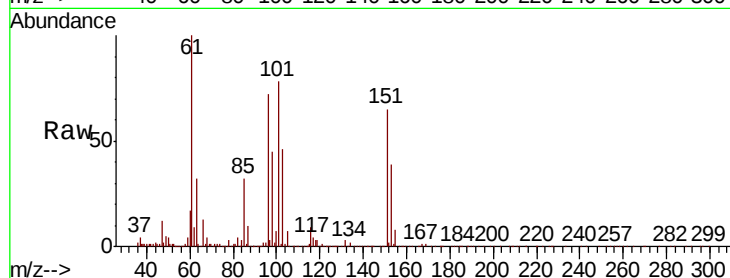
Tgt Ion:101 Resp: 59340

Ion Ratio Lower Upper

101 100

85 44.0 33.0 49.4

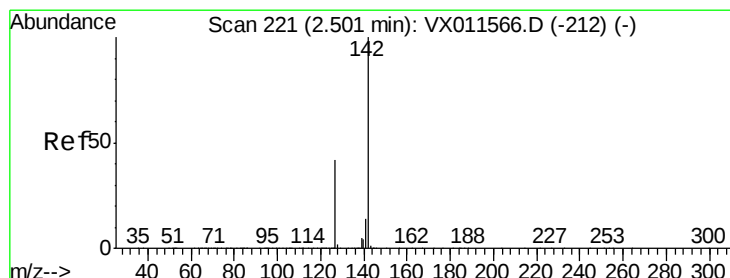
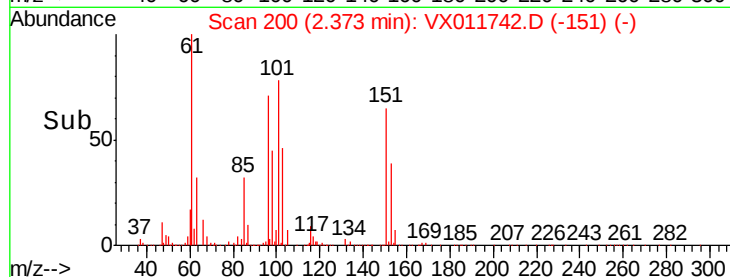
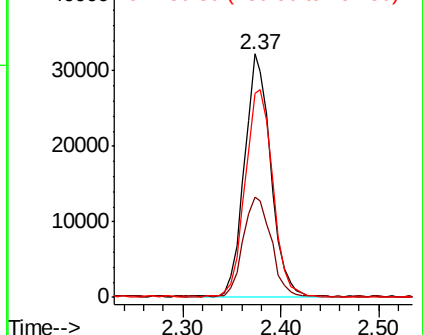
151 90.9 73.3 109.9



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: 14.385 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

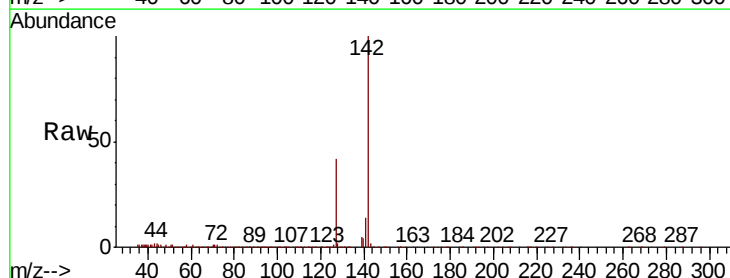
Tgt Ion:142 Resp: 64887

Ion Ratio Lower Upper

142 100

127 40.8 32.8 49.2

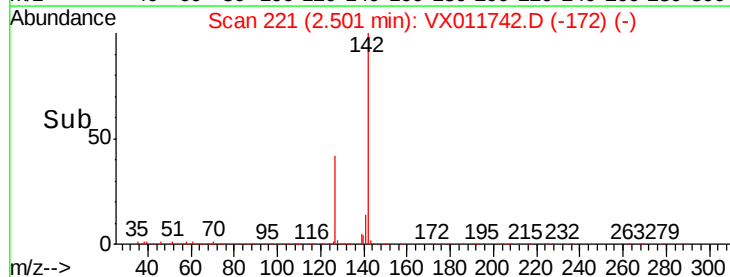
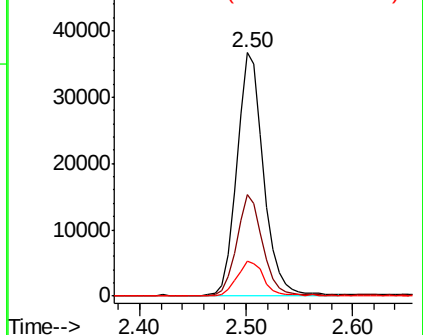
141 14.8 11.4 17.2

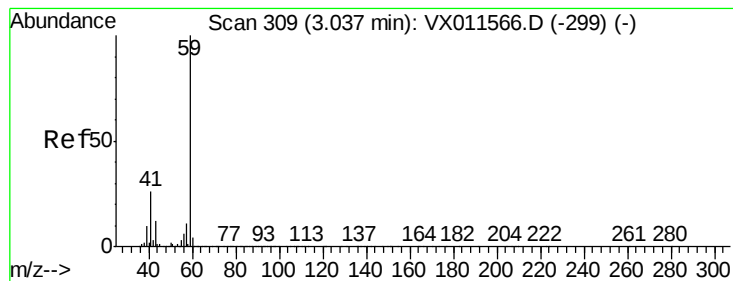


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



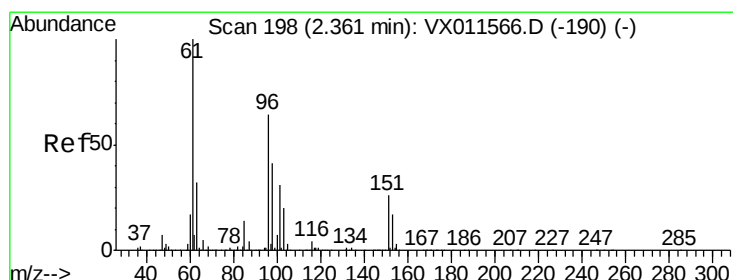
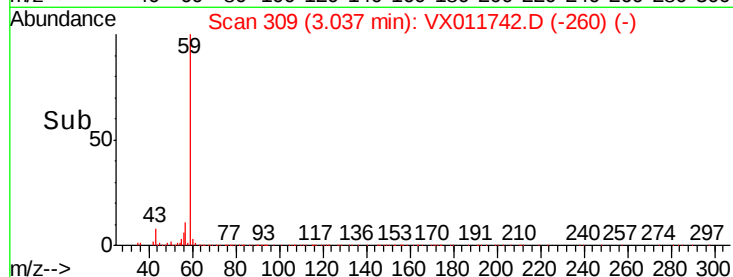
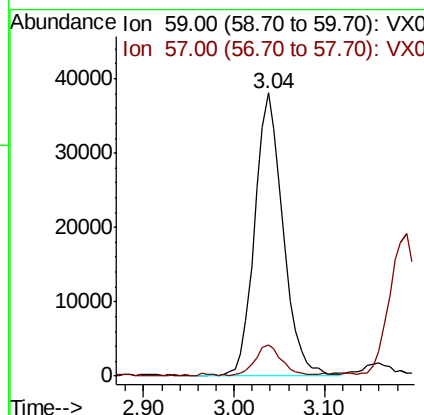
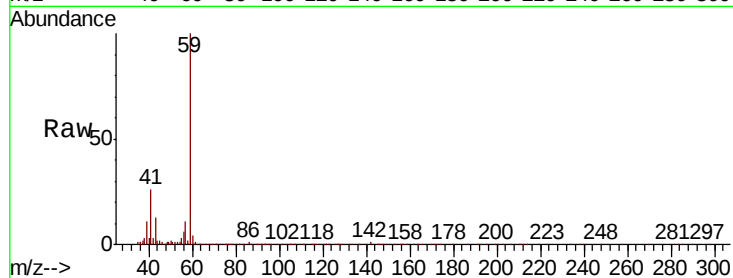


#11

Tert butyl alcohol
 Concen: 100.414 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

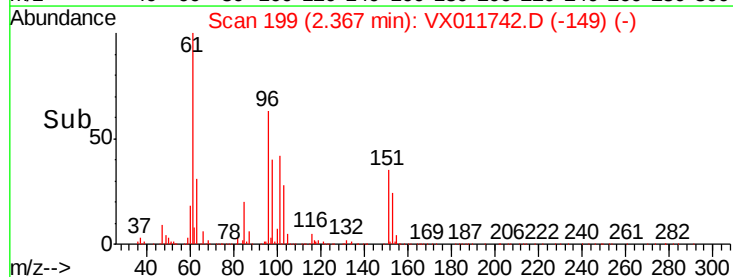
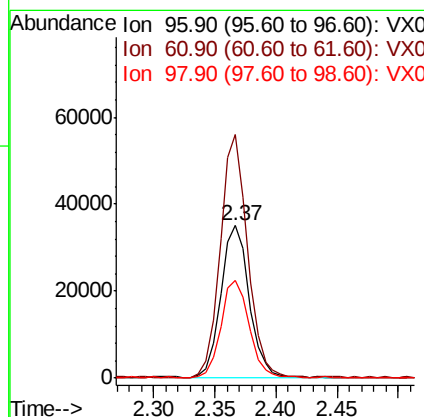
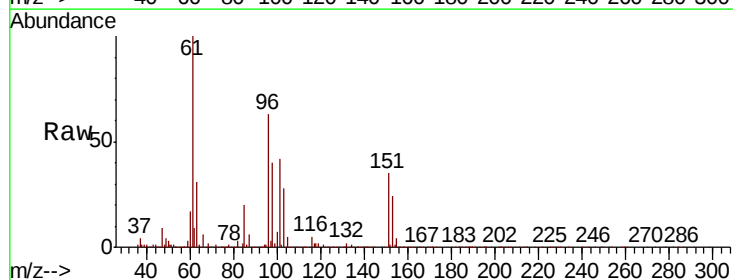
Tgt Ion: 59 Resp: 81986
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.7 13.1

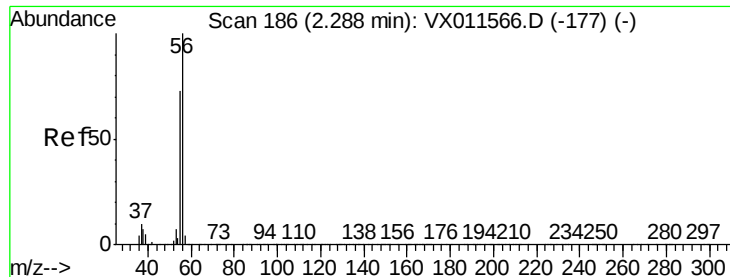


#12

1,1-Dichloroethene
 Concen: 18.461 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.01 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion: 96 Resp: 56490
 Ion Ratio Lower Upper
 96 100
 61 159.3 125.0 187.4
 98 64.1 51.5 77.3





#13

Acrolein

Concen: 90.977 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

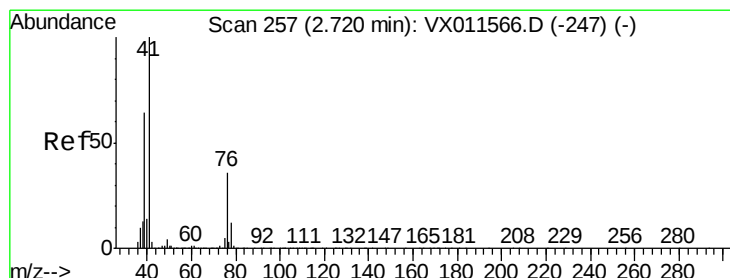
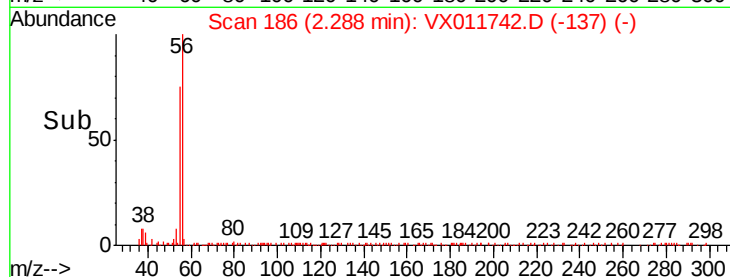
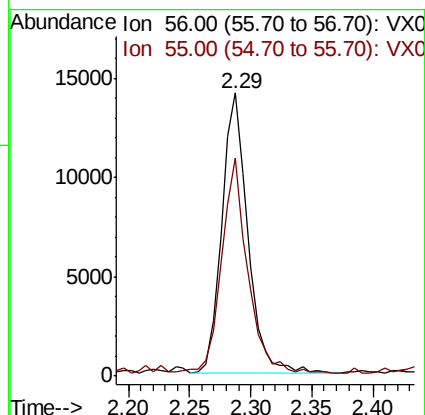
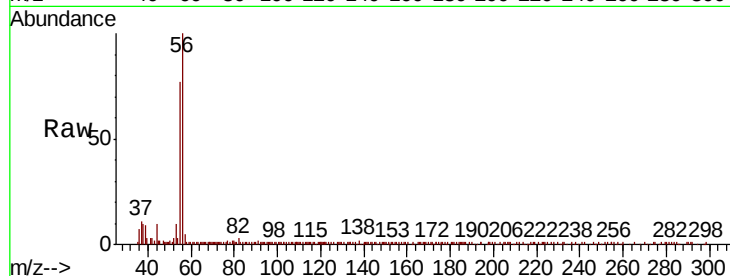
VX0821WBSD02

Tgt Ion: 56 Resp: 20809

Ion Ratio Lower Upper

56 100

55 78.3 55.5 83.3



#14

Allyl chloride

Concen: 18.202 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

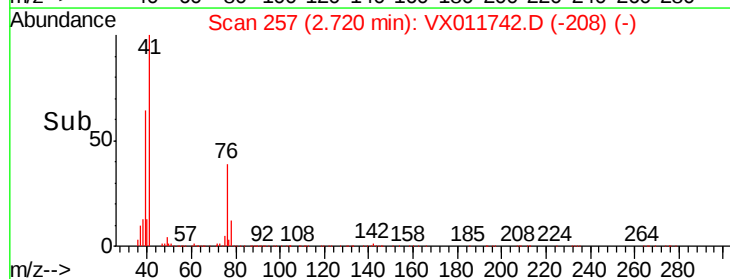
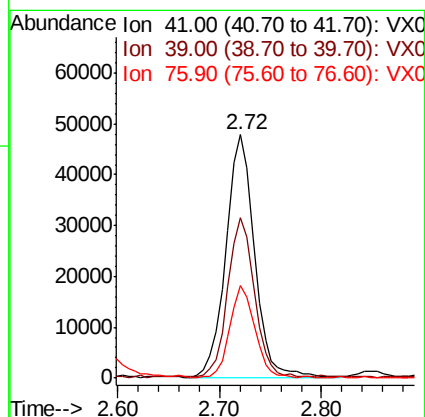
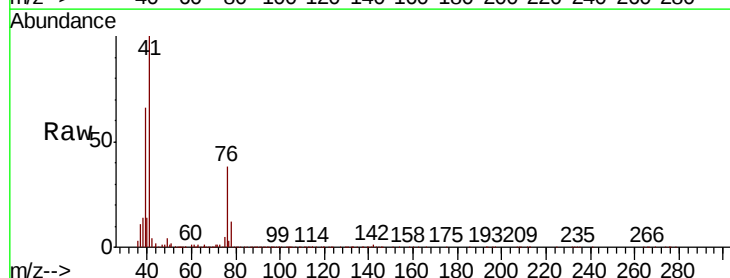
Tgt Ion: 41 Resp: 92651

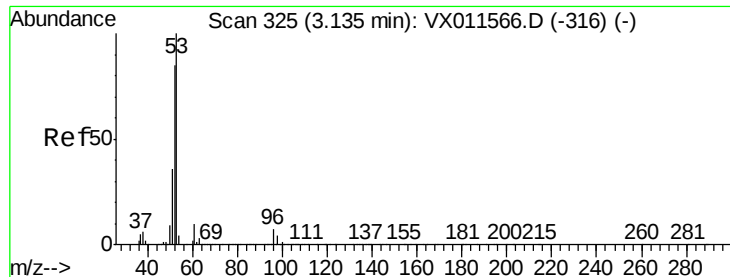
Ion Ratio Lower Upper

41 100

39 61.0 47.5 71.3

76 33.1 26.3 39.5





#15

Acrylonitrile

Concen: 99.495 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

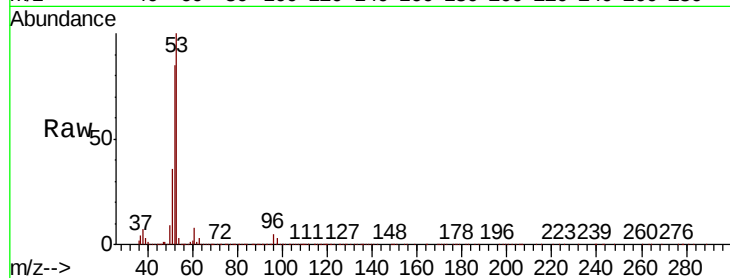
Tgt Ion: 53 Resp: 185923

Ion Ratio Lower Upper

53 100

52 83.2 66.7 100.1

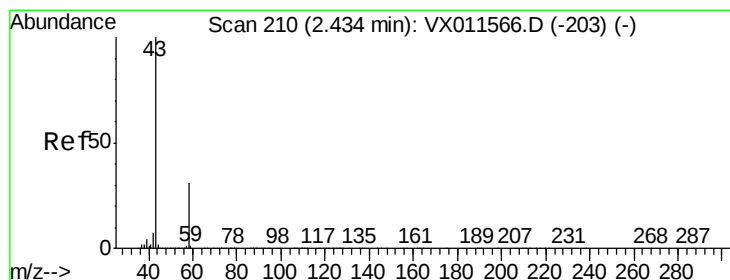
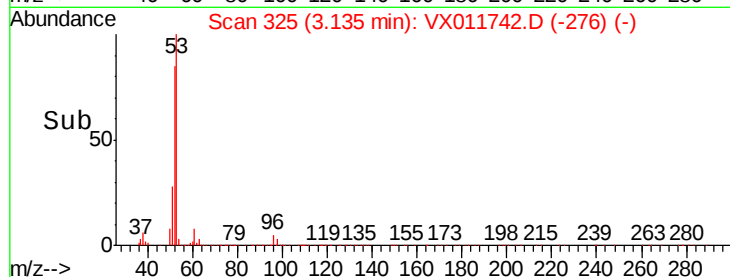
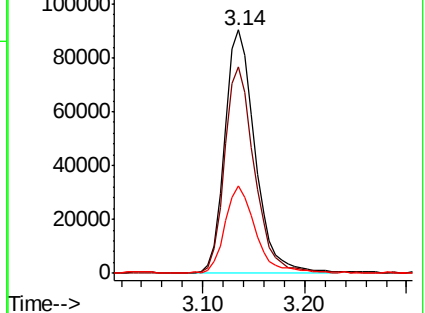
51 35.8 28.7 43.1



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: 95.298 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011742.D

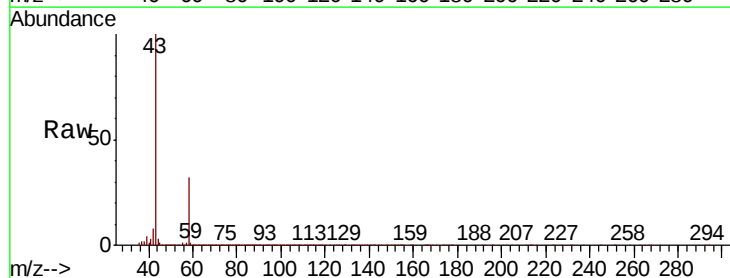
Acq: 21 Aug 2019 20:12

Tgt Ion: 43 Resp: 159474

Ion Ratio Lower Upper

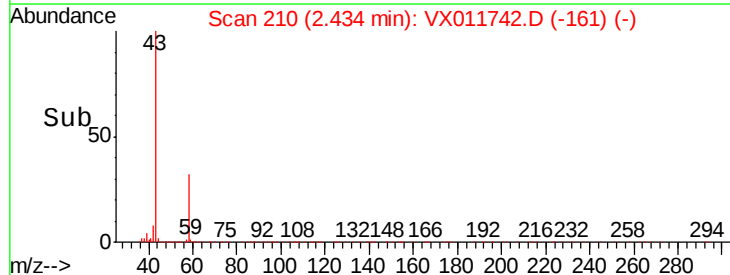
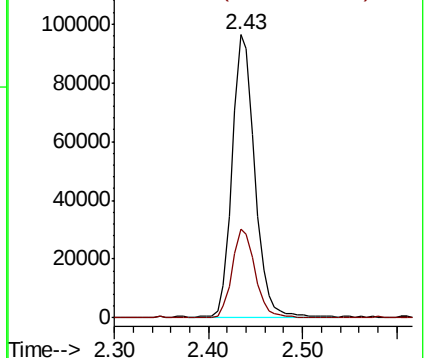
43 100

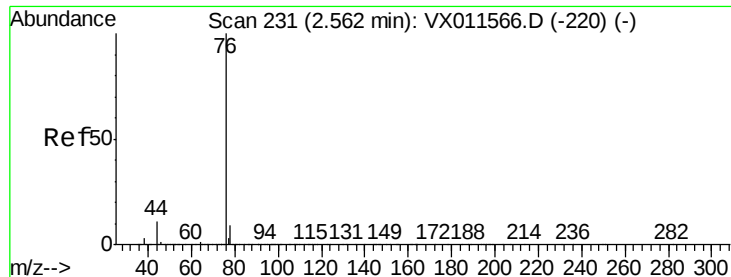
58 31.5 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

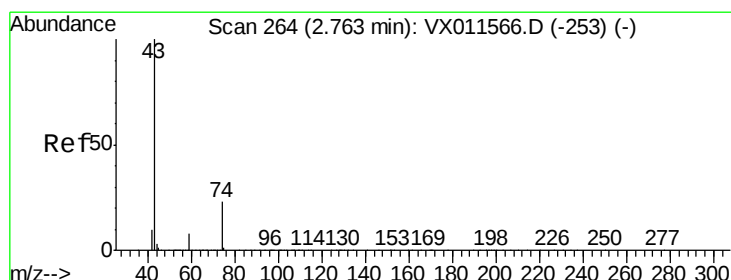
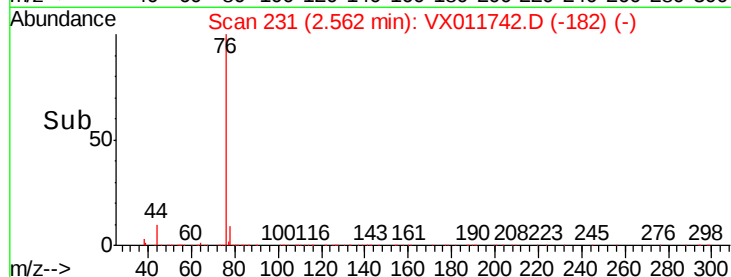
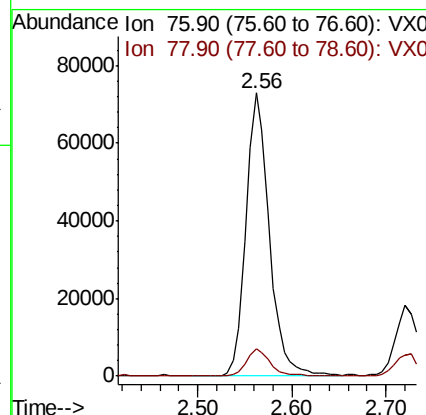
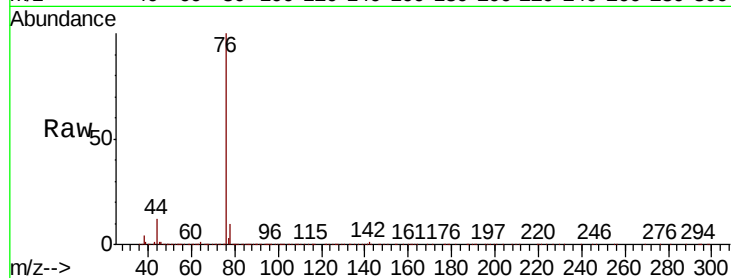




#17
Carbon Disulfide
Concen: 17.482 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

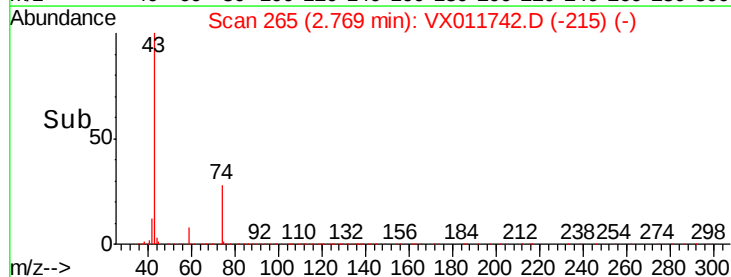
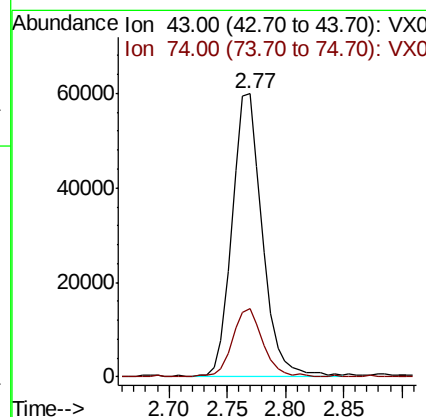
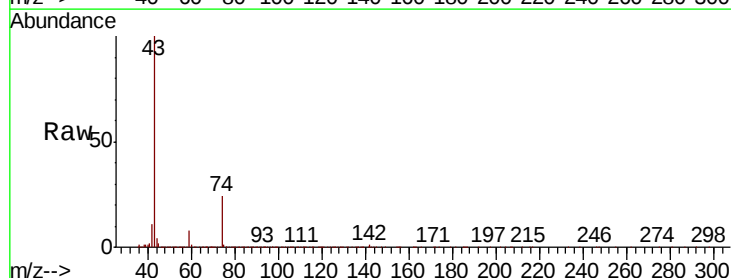
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

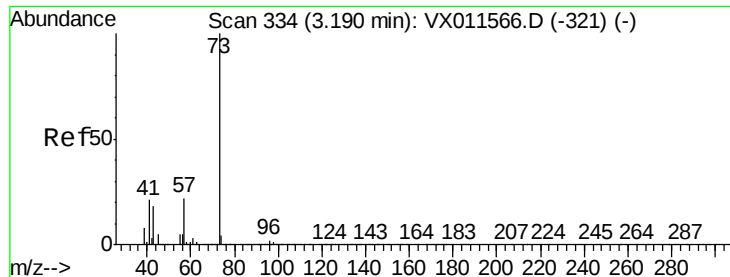
Tgt Ion: 76 Resp: 126051
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#18
Methyl Acetate
Concen: 20.749 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion: 43 Resp: 107686
Ion Ratio Lower Upper
43 100
74 24.5 19.7 29.5





#19

Methyl tert-butyl Ether

Concen: 20.014 ug/l

RT: 3.18 min Scan# 333

Delta R.T. -0.01 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

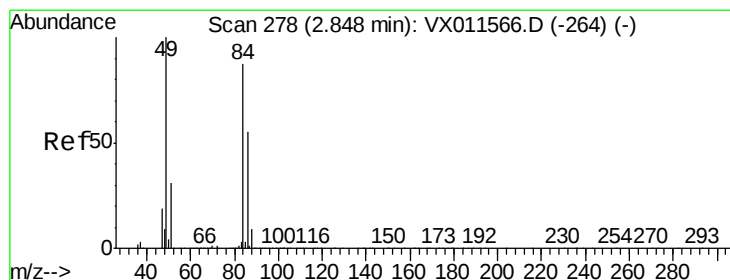
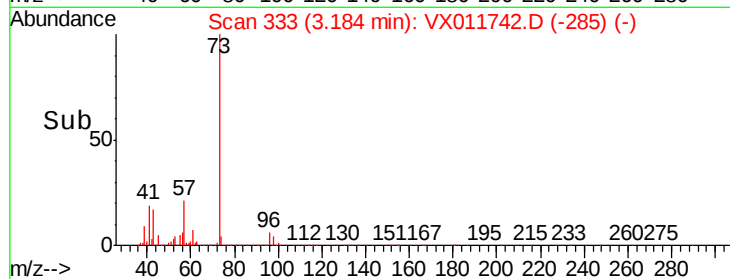
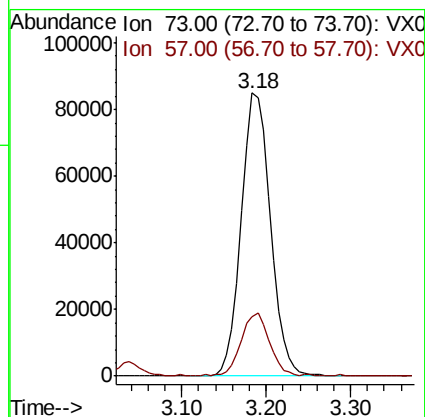
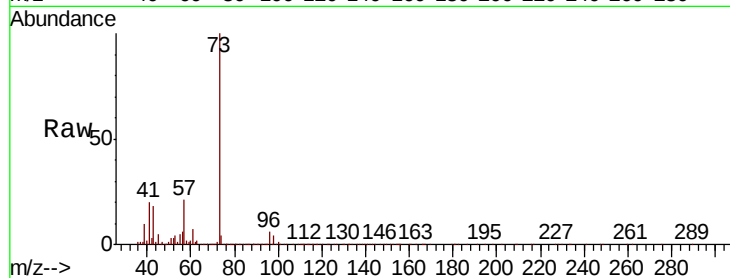
VX0821WBSD02

Tgt Ion: 73 Resp: 199460

Ion Ratio Lower Upper

73 100

57 20.9 17.2 25.8



#20

Methylene Chloride

Concen: 18.857 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Tgt Ion: 84 Resp: 66256

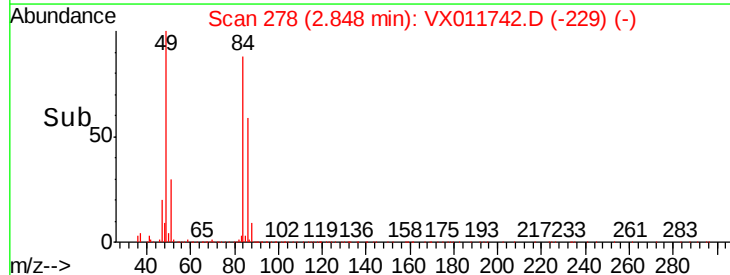
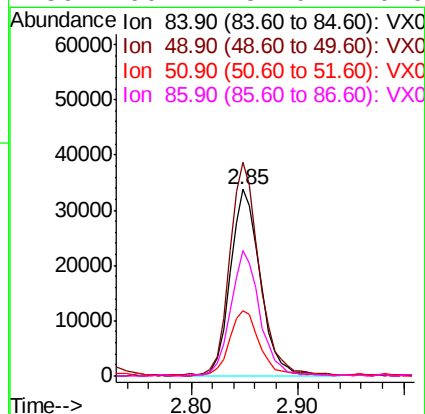
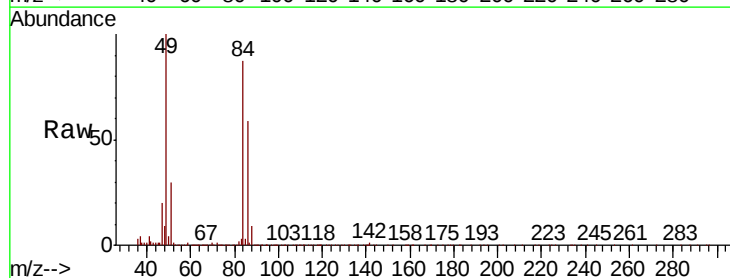
Ion Ratio Lower Upper

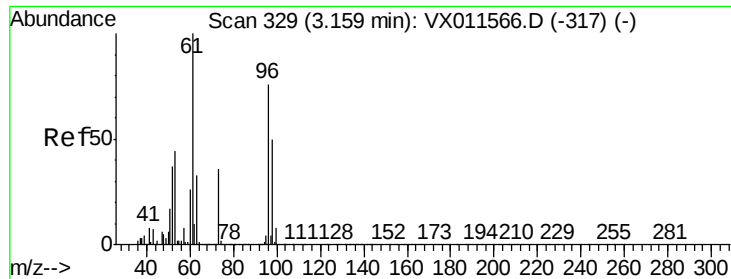
84 100

49 114.0 92.4 138.6

51 34.7 28.5 42.7

86 66.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.350 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

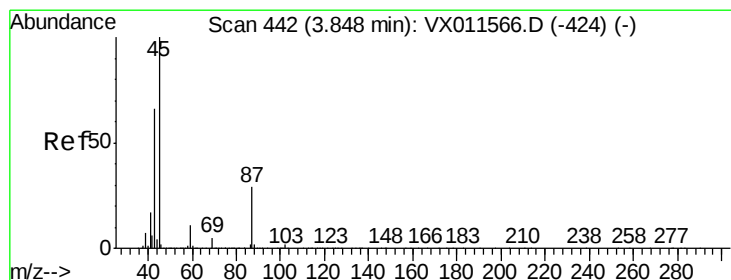
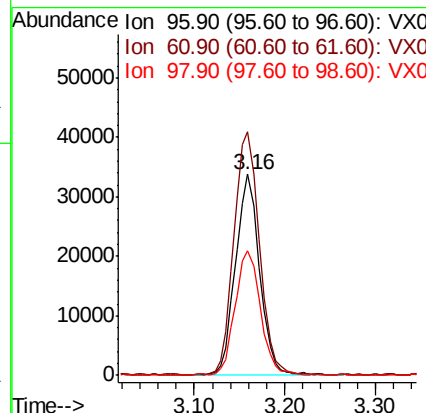
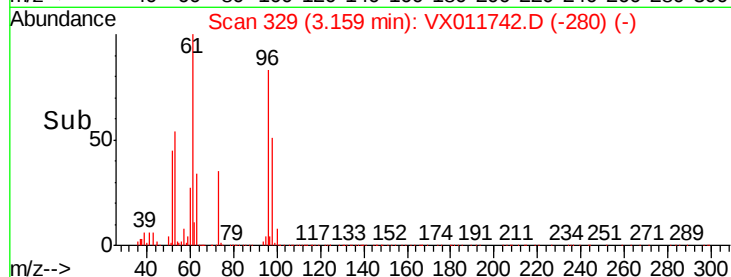
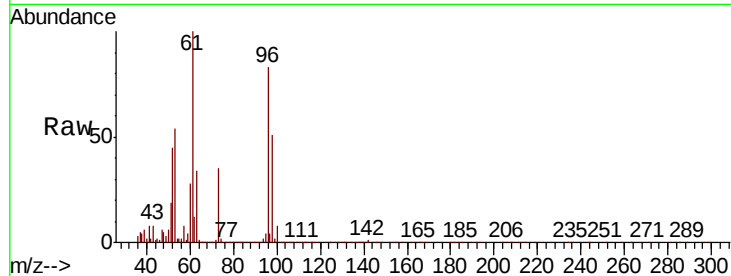
Tgt Ion: 96 Resp: 62745

Ion Ratio Lower Upper

96 100

61 120.4 105.5 158.3

98 61.8 52.6 78.8



#22

Diisopropyl ether

Concen: 19.064 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Tgt Ion: 45 Resp: 193258

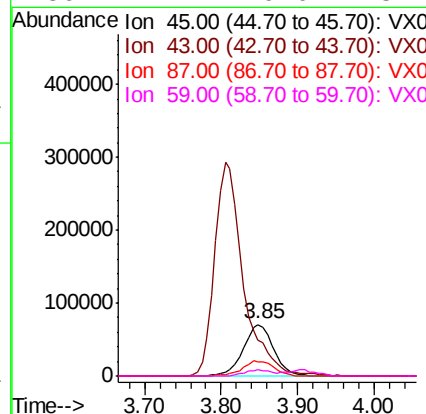
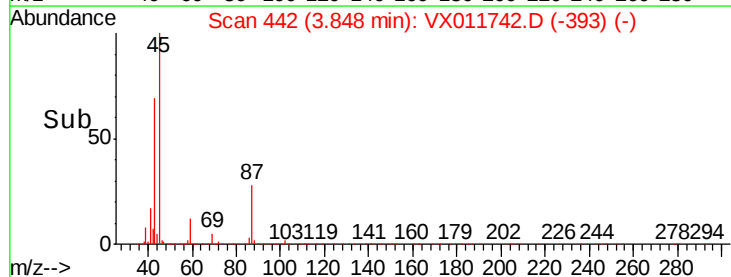
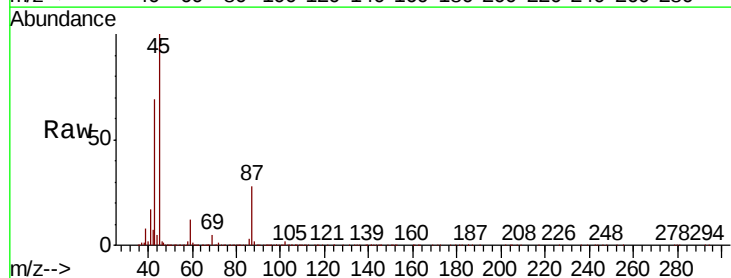
Ion Ratio Lower Upper

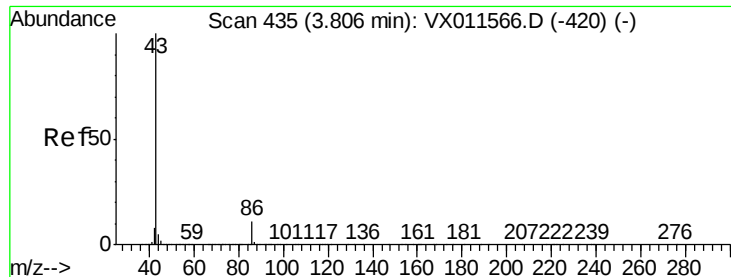
45 100

43 68.4 52.7 79.1

87 28.3 23.5 35.3

59 12.1 9.0 13.4





#23

Vinyl Acetate

Concen: 95.188 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

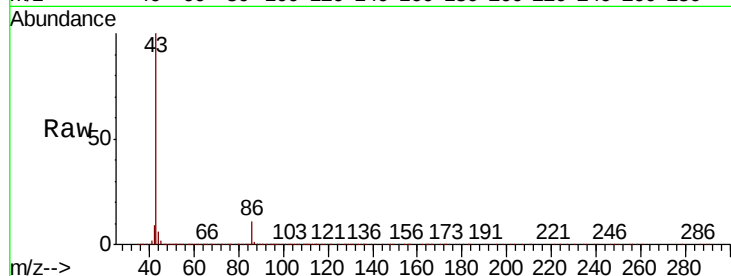
VX0821WBSD02

Tgt Ion: 43 Resp: 764106

Ion Ratio Lower Upper

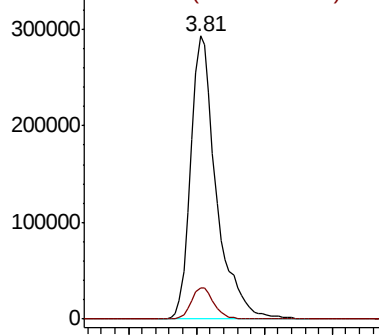
43 100

86 10.9 8.6 13.0

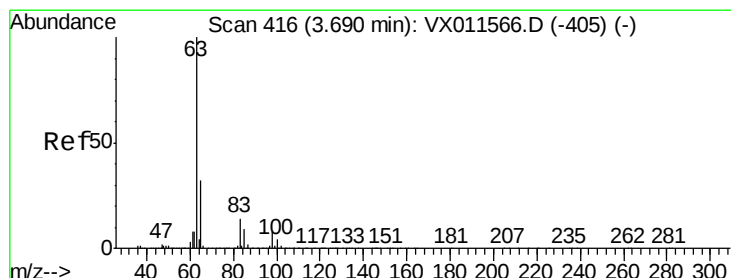
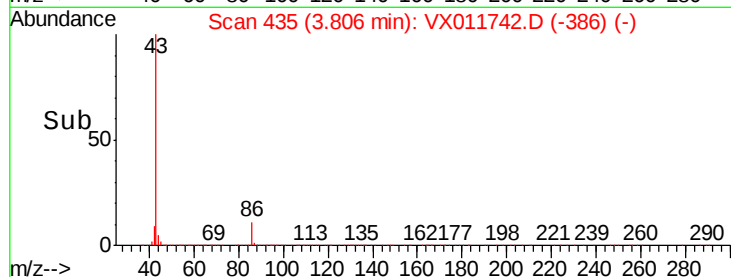


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 18.746 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

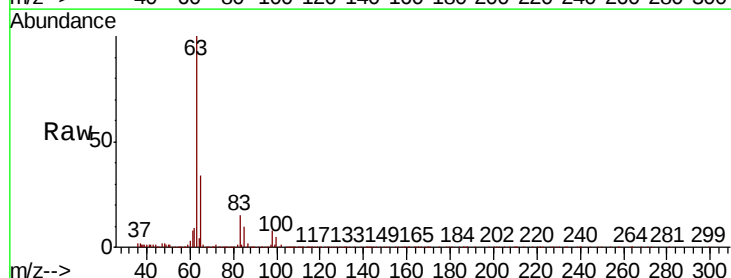
Tgt Ion: 63 Resp: 107442

Ion Ratio Lower Upper

63 100

98 8.1 3.7 11.1

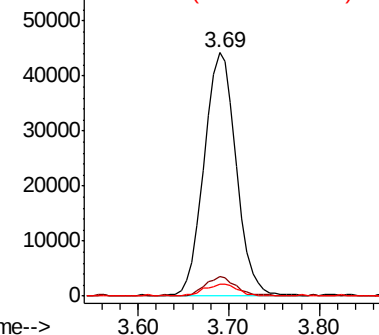
100 4.6 2.1 6.3



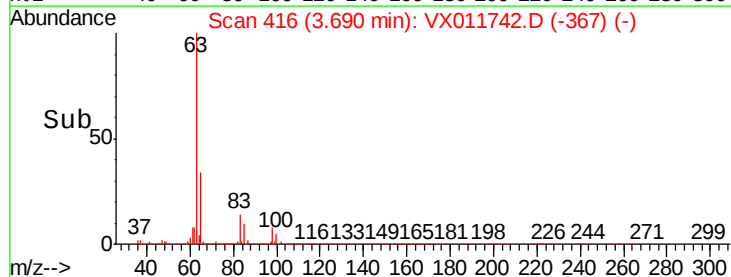
Abundance Ion 62.90 (62.60 to 63.60): VX0

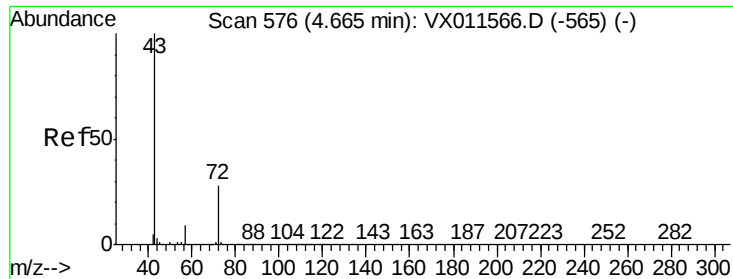
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 93.373 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

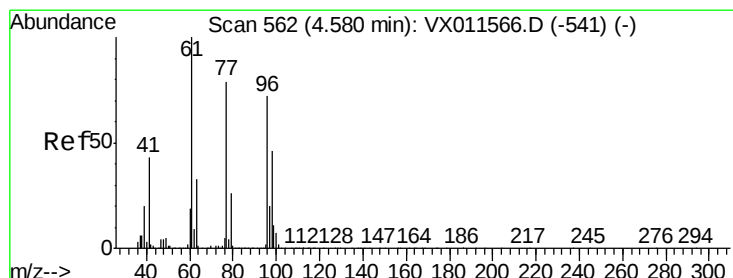
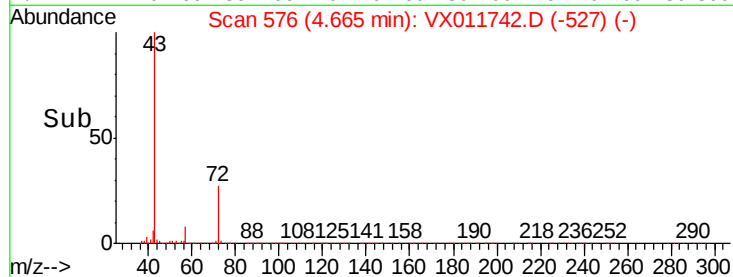
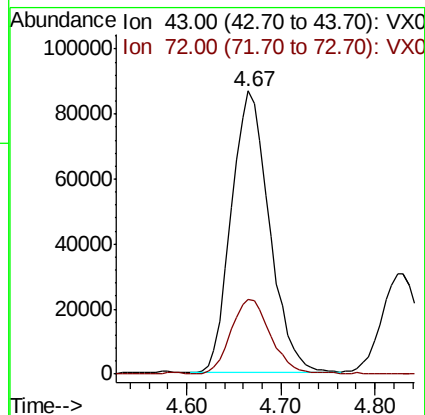
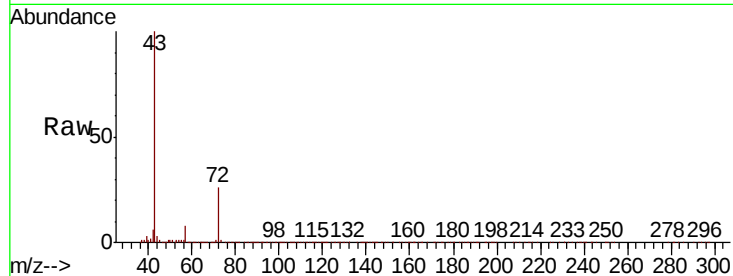
VX0821WBSD02

Tgt Ion: 43 Resp: 245303

Ion Ratio Lower Upper

43 100

72 26.2 22.2 33.4



#26

2,2-Dichloropropane

Concen: 17.526 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011742.D

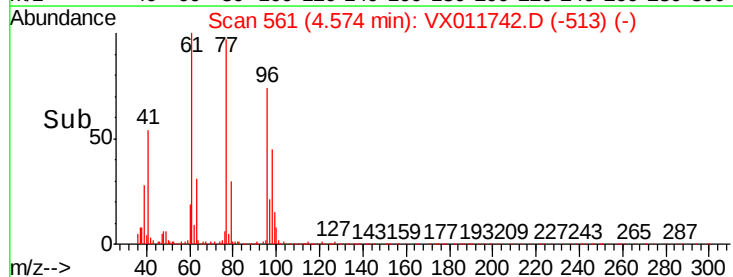
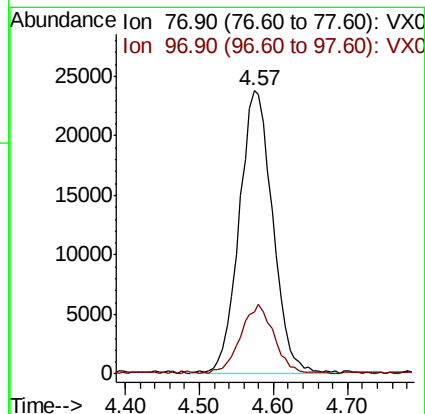
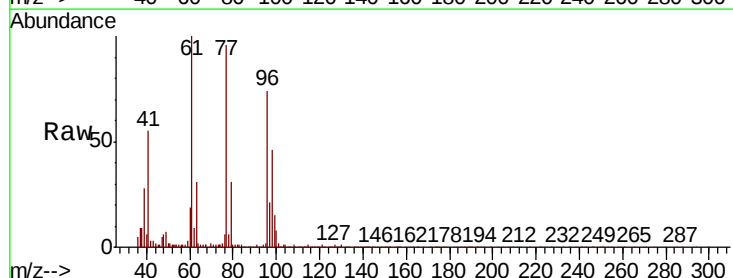
Acq: 21 Aug 2019 20:12

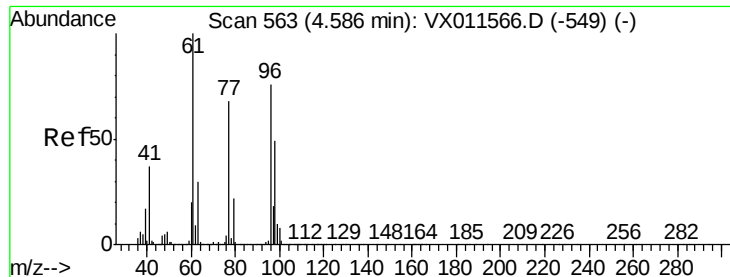
Tgt Ion: 77 Resp: 75601

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.2



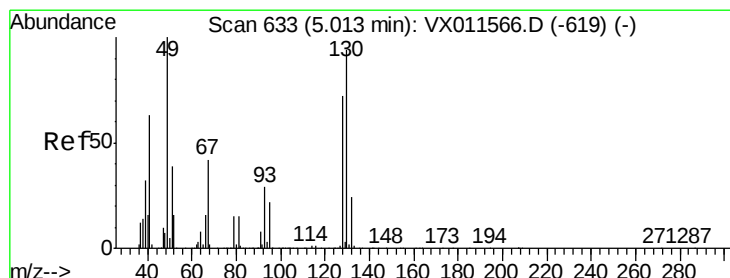
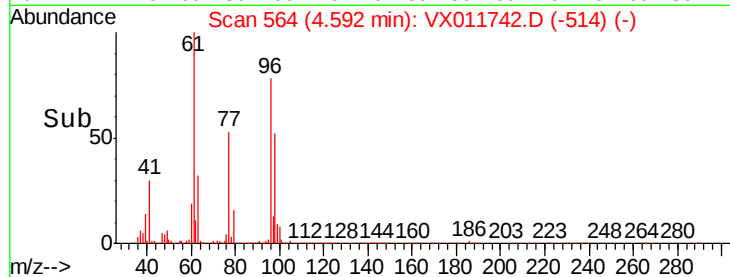
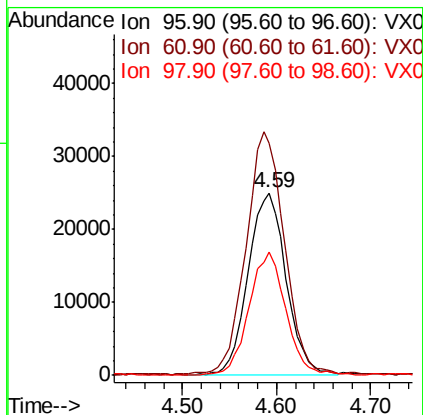
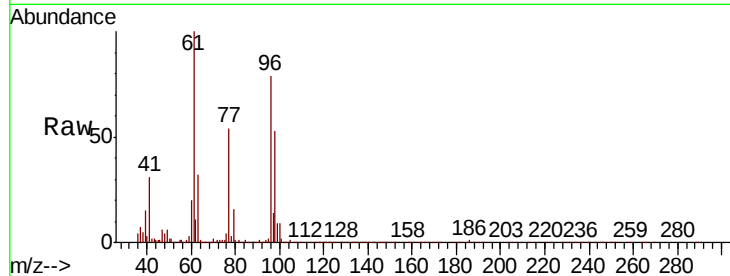


#27

cis-1,2-Dichloroethene
 Concen: 18.523 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

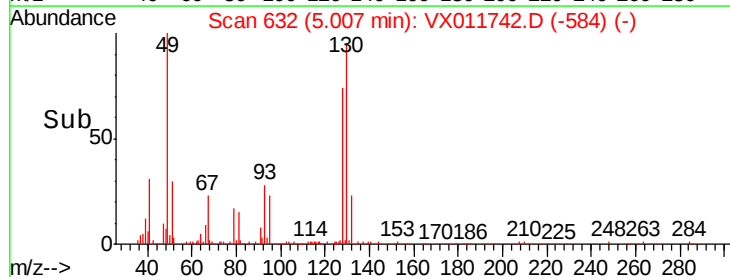
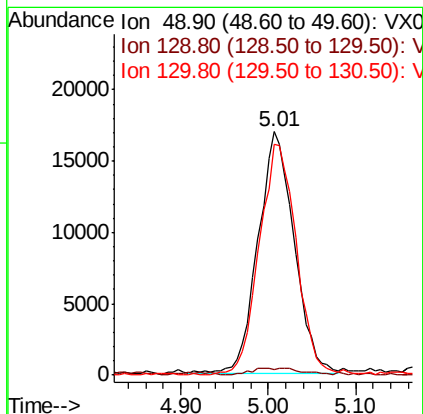
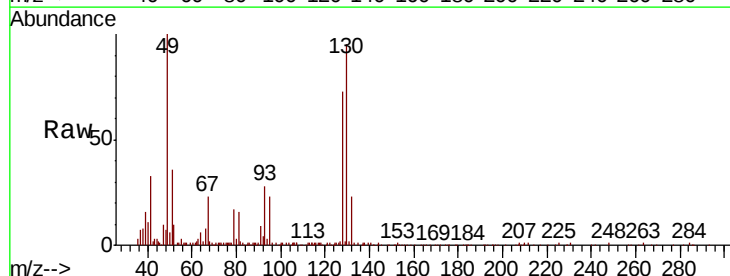
Tgt Ion: 96 Resp: 70019
 Ion Ratio Lower Upper
 96 100
 61 135.8 0.0 272.6
 98 66.6 0.0 129.4

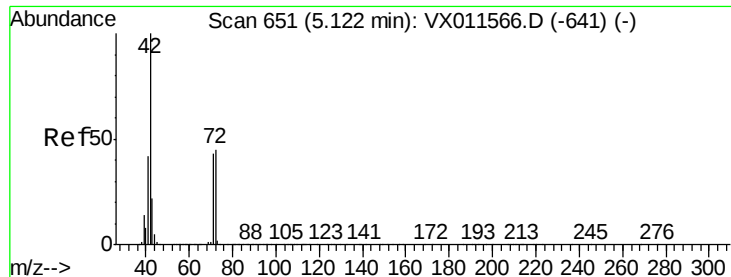


#28

Bromochloromethane
 Concen: 19.441 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion: 49 Resp: 48914
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 5.0
 130 97.1 76.6 115.0





#29

Tetrahydrofuran

Concen: 92.840 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

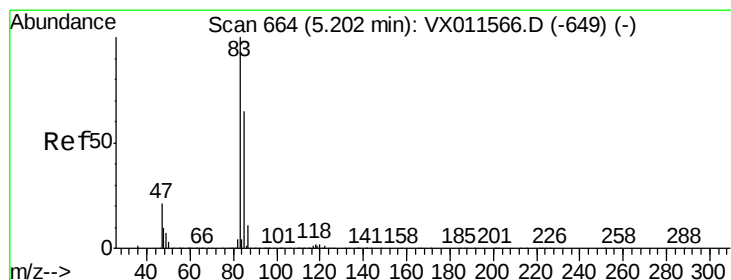
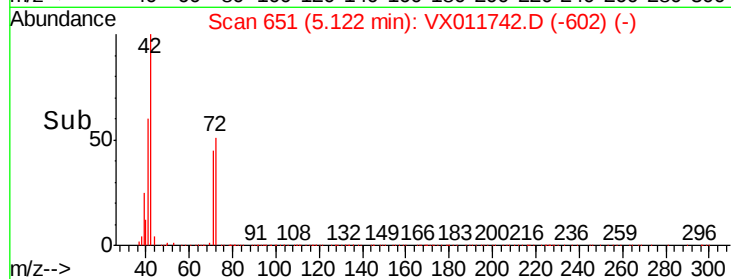
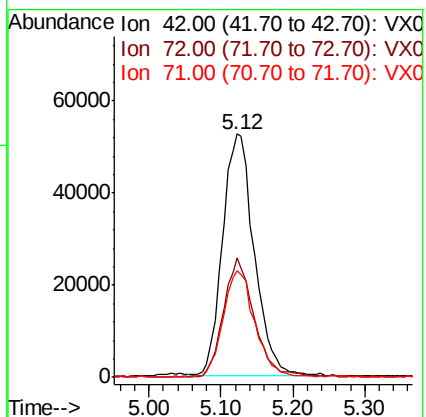
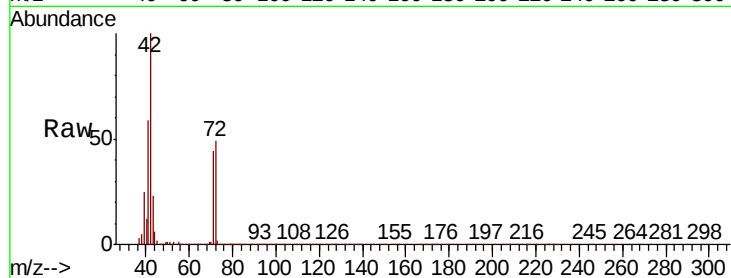
Tgt Ion: 42 Resp: 159994

Ion Ratio Lower Upper

42 100

72 47.7 36.1 54.1

71 43.8 33.8 50.8



#30

Chloroform

Concen: 19.343 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011742.D

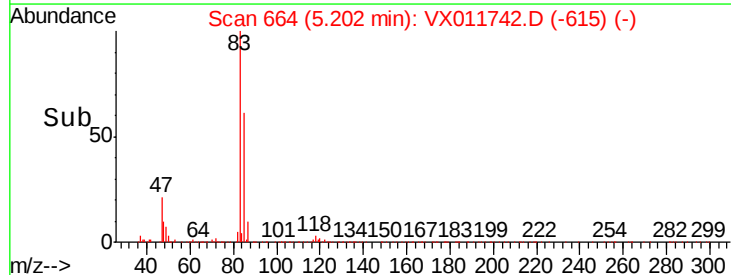
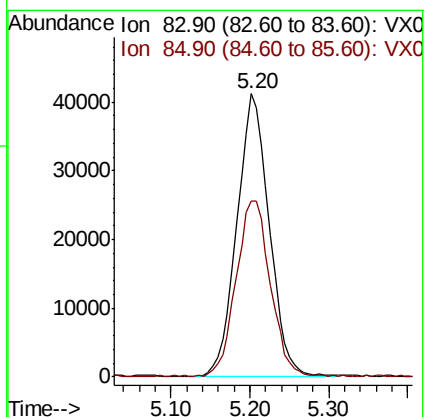
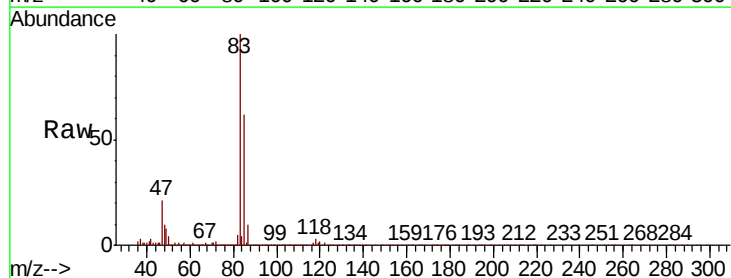
Acq: 21 Aug 2019 20:12

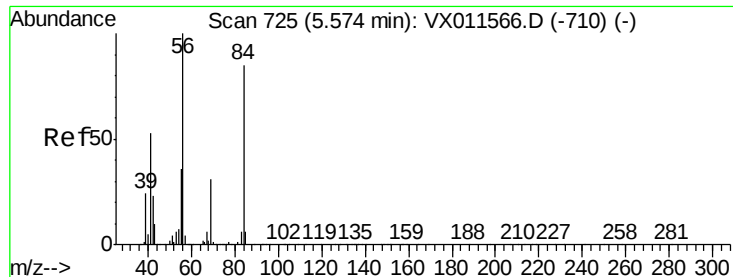
Tgt Ion: 83 Resp: 116998

Ion Ratio Lower Upper

83 100

85 62.0 51.9 77.9

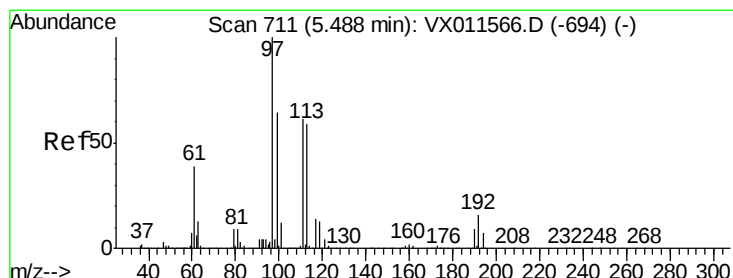
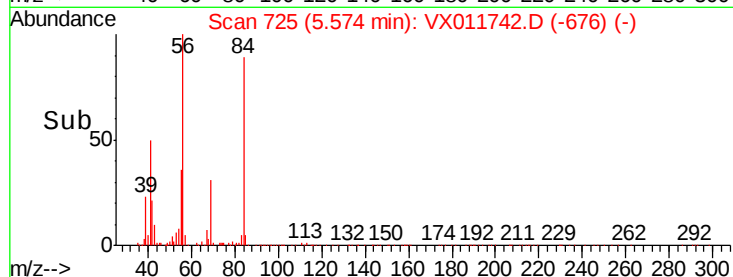
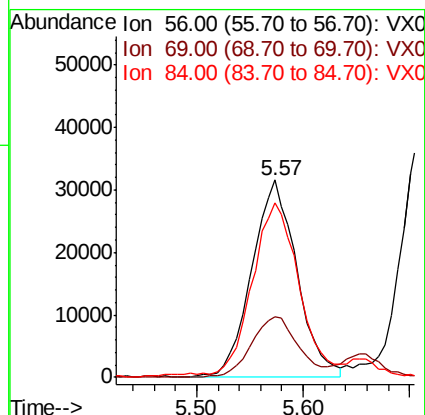
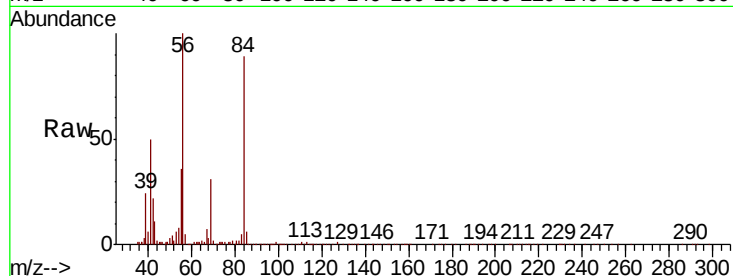




#31
Cyclohexane
Concen: 18.816 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

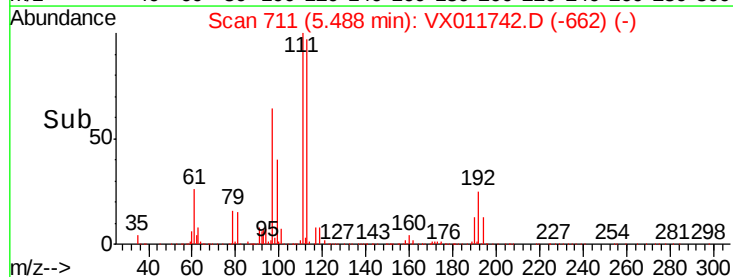
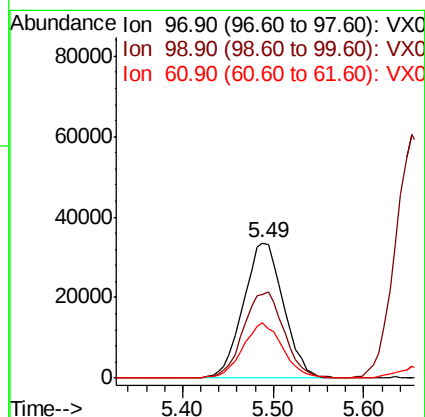
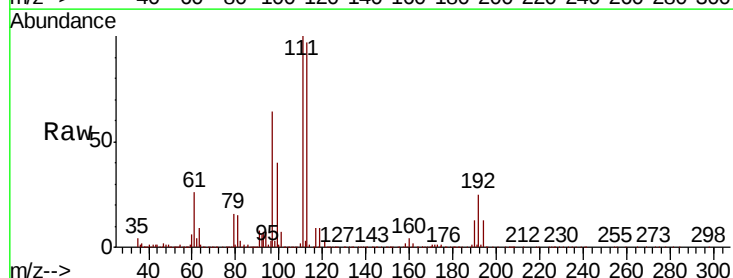
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

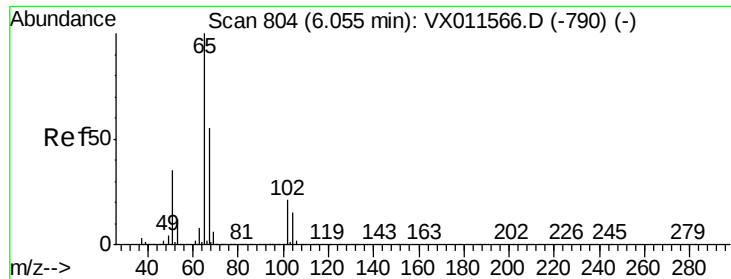
Tgt Ion: 56 Resp: 92852
Ion Ratio Lower Upper
56 100
69 30.1 24.8 37.2
84 86.3 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 19.901 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion: 97 Resp: 103504
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.0
61 40.2 31.4 47.2

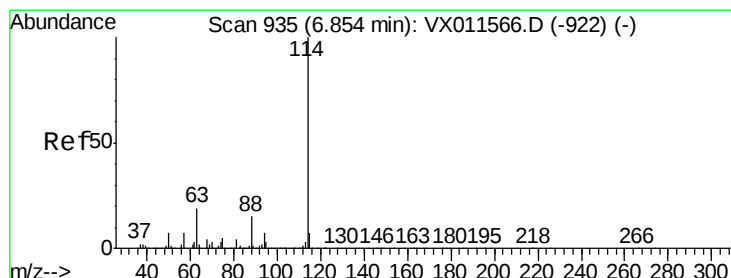
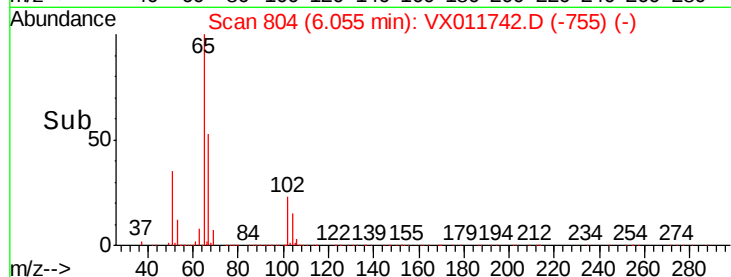
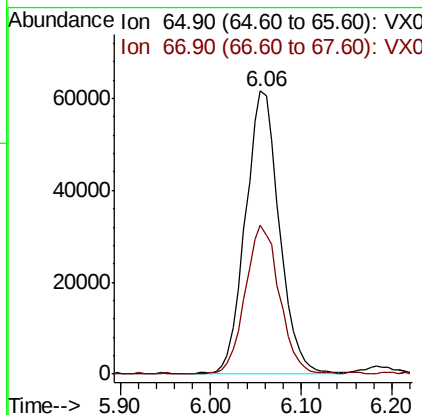
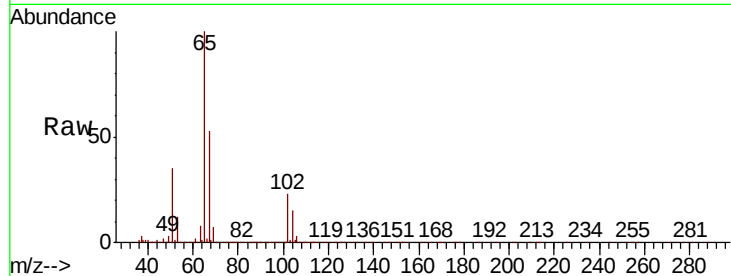




#33
 1,2-Dichloroethane-d4
 Concen: 47.816 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

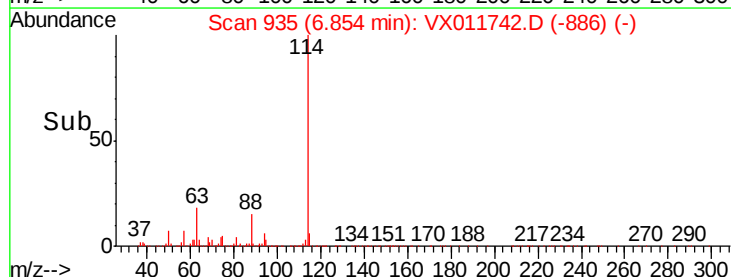
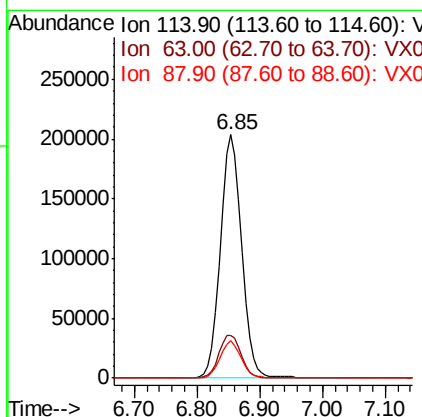
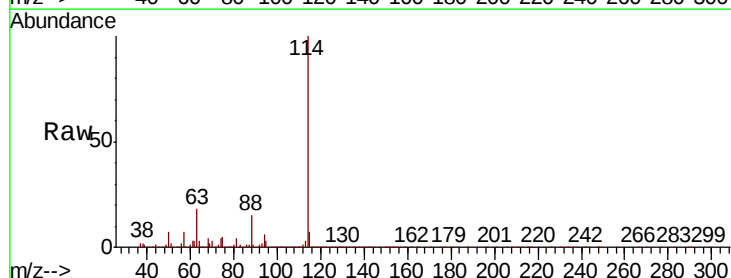
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

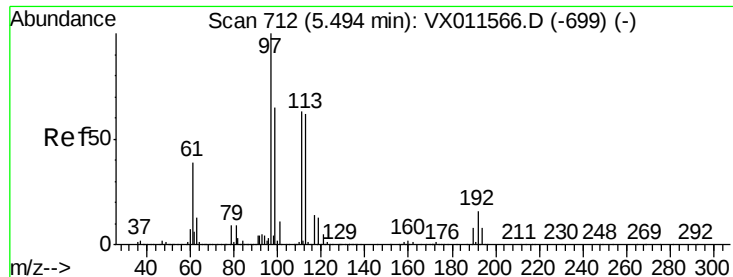
Tgt Ion: 65 Resp: 159135
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion: 114 Resp: 477758
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 37.8
 88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.875 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

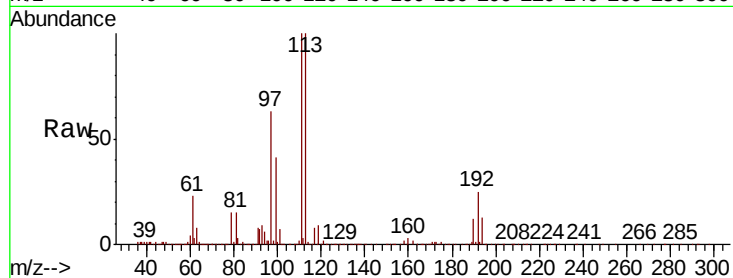
Tgt Ion:113 Resp: 149601

Ion Ratio Lower Upper

113 100

111 103.2 81.1 121.7

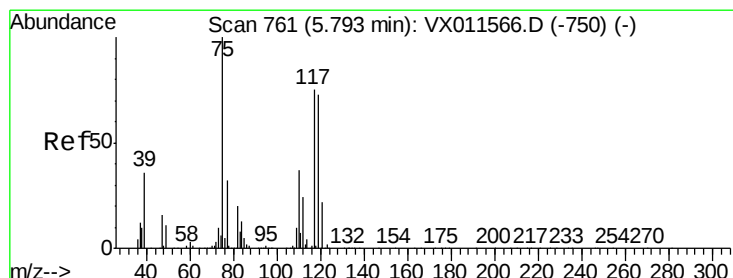
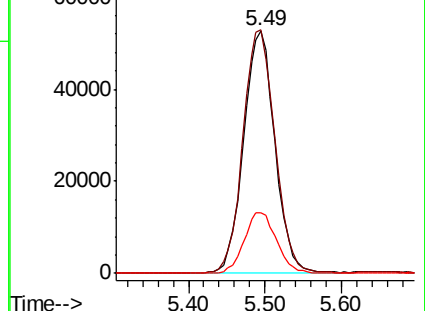
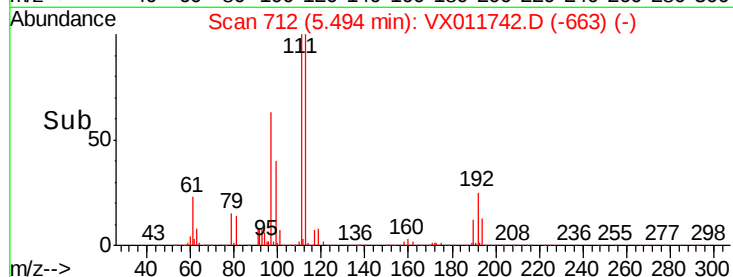
192 25.7 20.8 31.2



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: 19.796 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

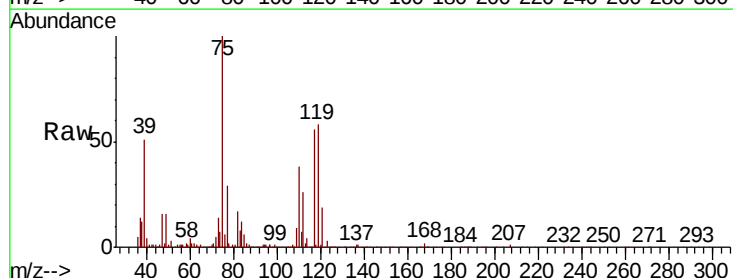
Tgt Ion: 75 Resp: 80862

Ion Ratio Lower Upper

75 100

110 41.1 19.4 58.1

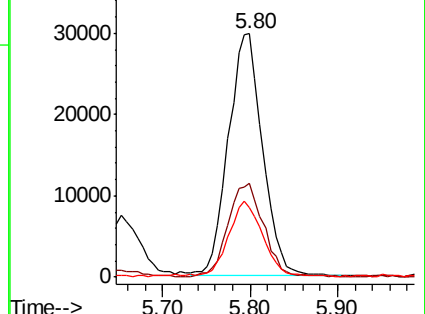
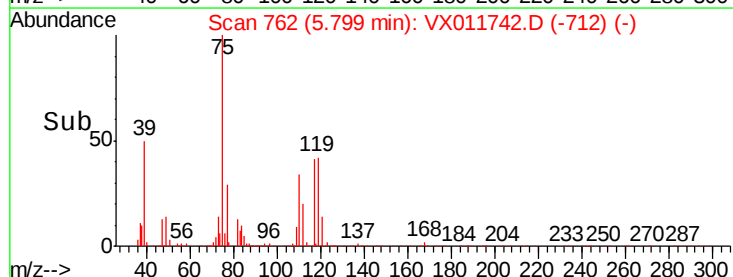
77 31.9 25.1 37.7

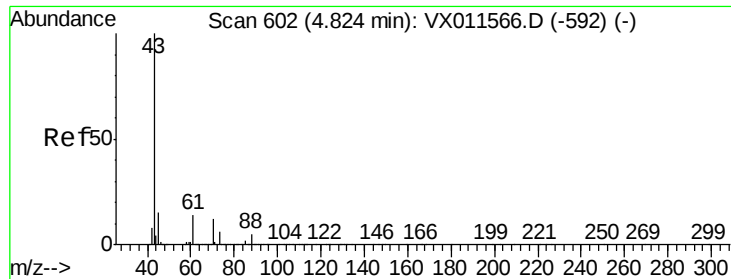


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

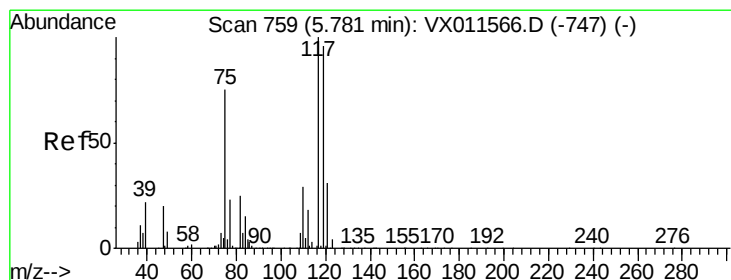
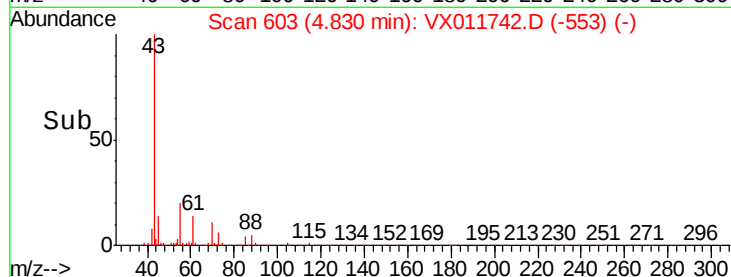
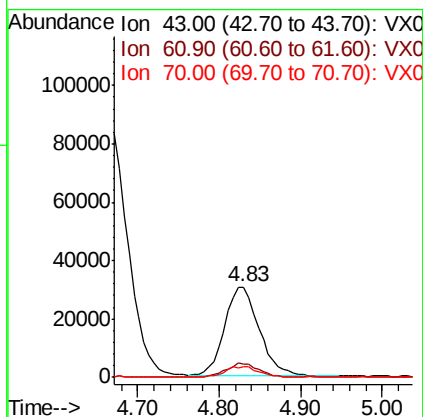
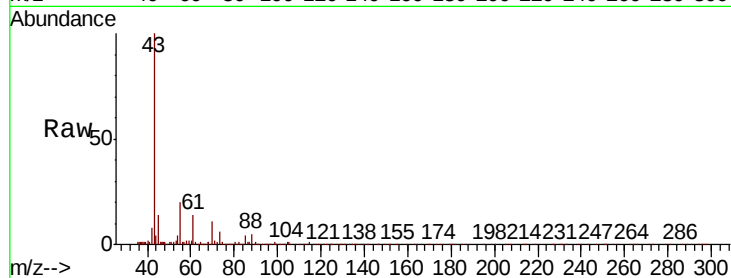




#37
Ethyl Acetate
Concen: 19.232 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

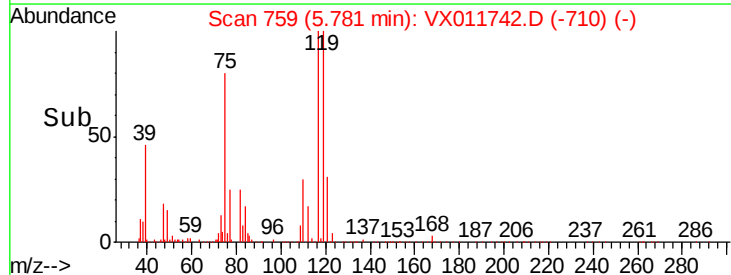
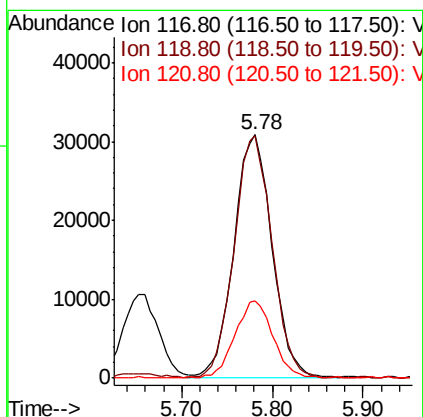
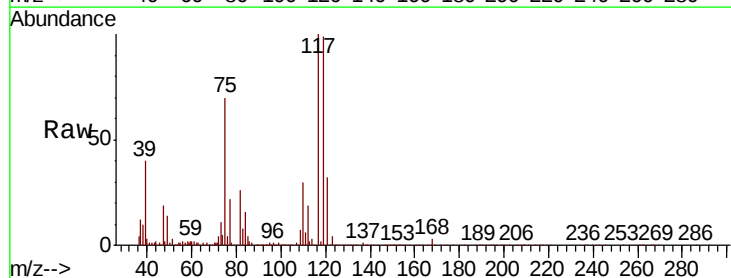
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

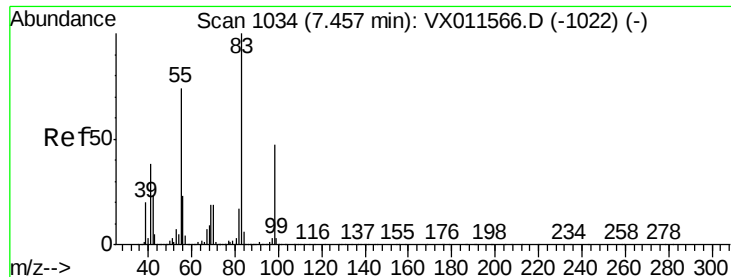
Tgt Ion: 43 Resp: 90358
Ion Ratio Lower Upper
43 100
61 15.1 11.4 17.0
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.942 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion: 117 Resp: 89747
Ion Ratio Lower Upper
117 100
119 99.6 76.9 115.3
121 31.2 24.8 37.2

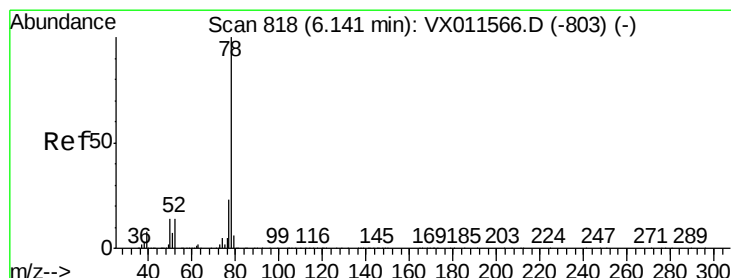
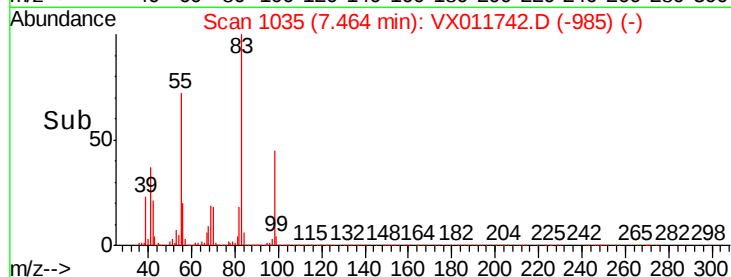
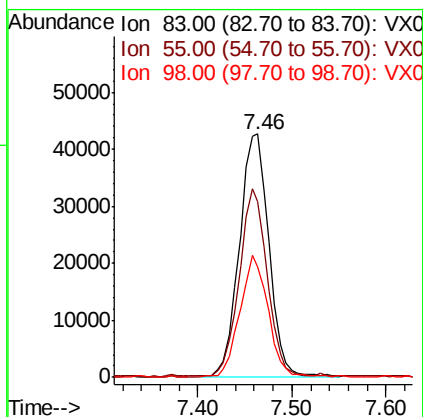
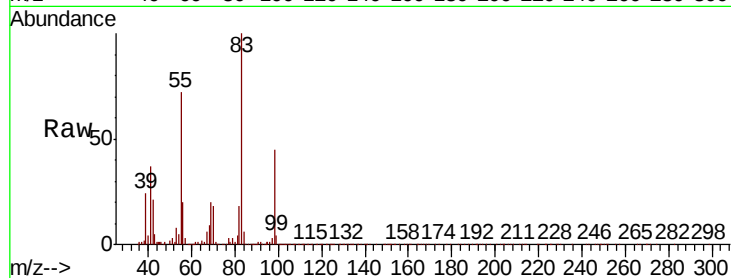




#39
Methylcyclohexane
Concen: 18.434 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

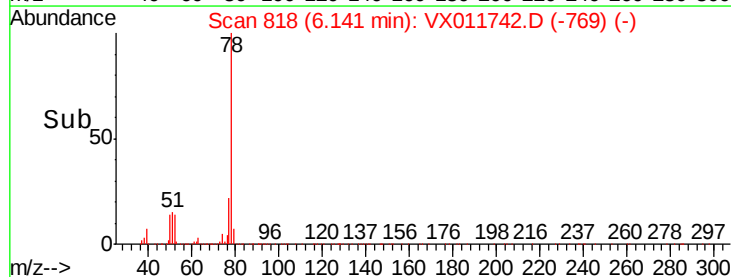
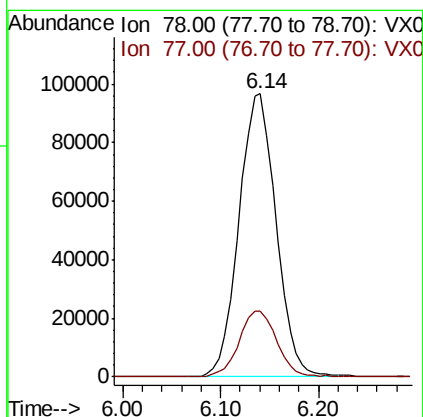
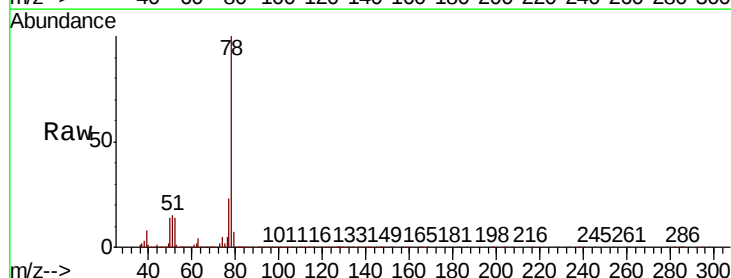
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

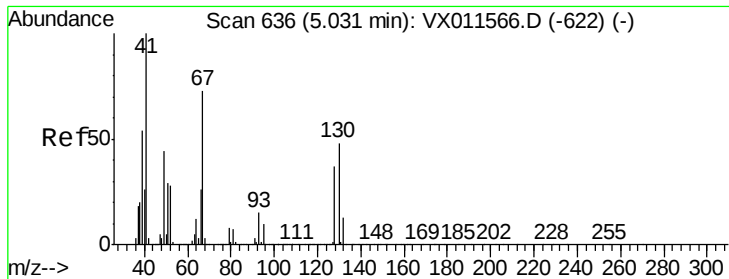
Tgt Ion: 83 Resp: 92987
Ion Ratio Lower Upper
83 100
55 72.1 58.8 88.2
98 44.9 37.8 56.6



#40
Benzene
Concen: 19.961 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion: 78 Resp: 253380
Ion Ratio Lower Upper
78 100
77 22.9 18.6 28.0

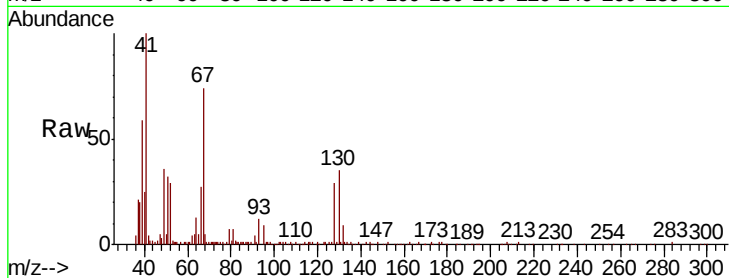




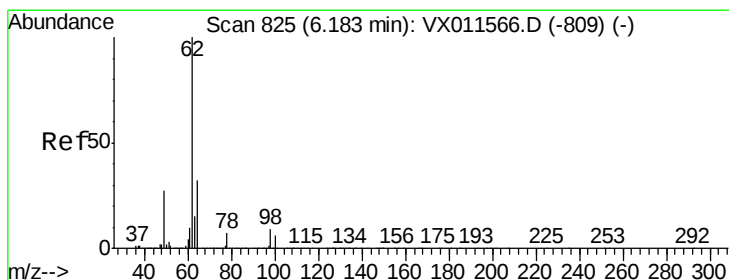
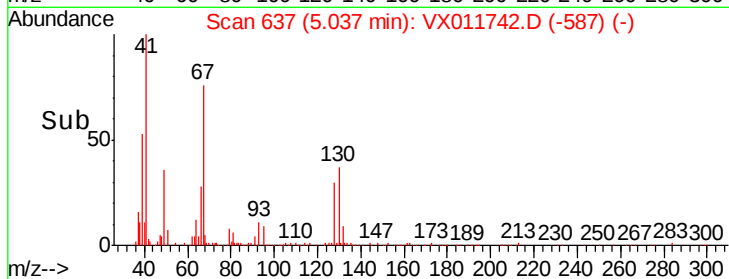
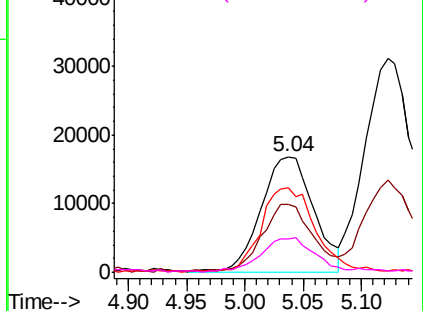
#41
Methacrylonitrile
Concen: 20.347 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tgt Ion:	41	Resp:	52613
Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.5	65.3
67	73.4	59.4	89.2
52	30.5	23.4	35.2

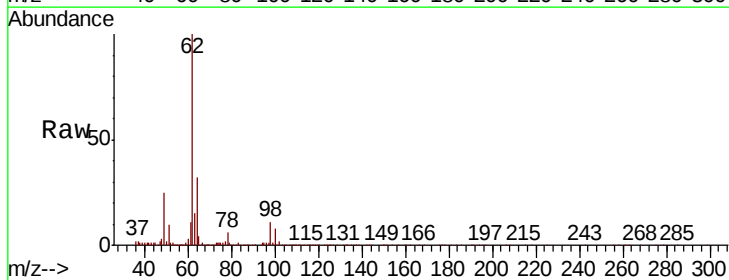


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

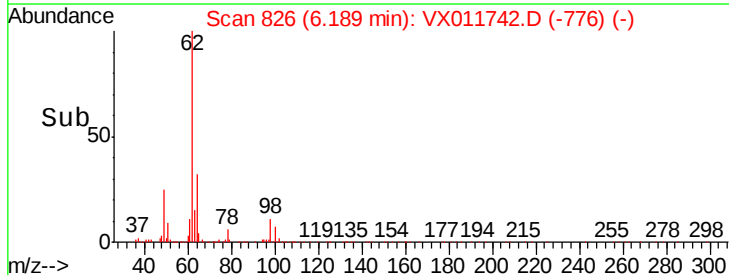
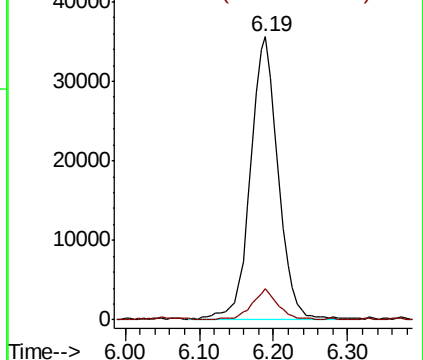


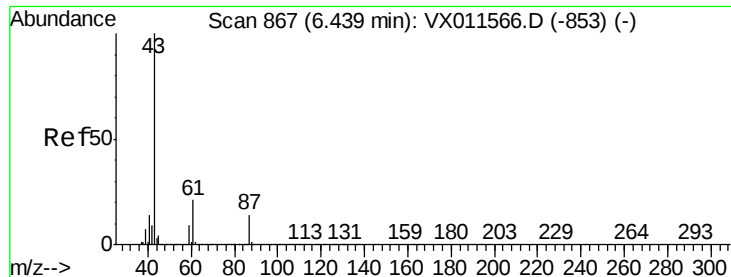
#42
1,2-Dichloroethane
Concen: 21.177 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion:	62	Resp:	93133
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 19.703 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

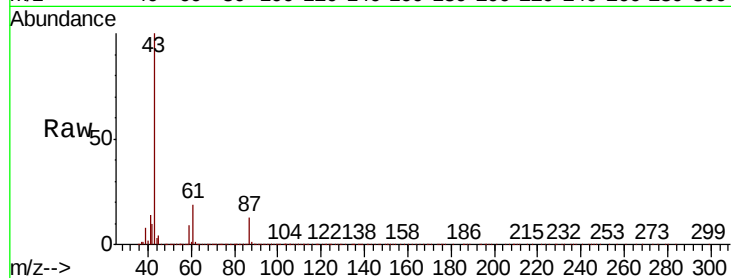
Tgt Ion: 43 Resp: 144467

Ion Ratio Lower Upper

43 100

61 20.5 16.6 24.8

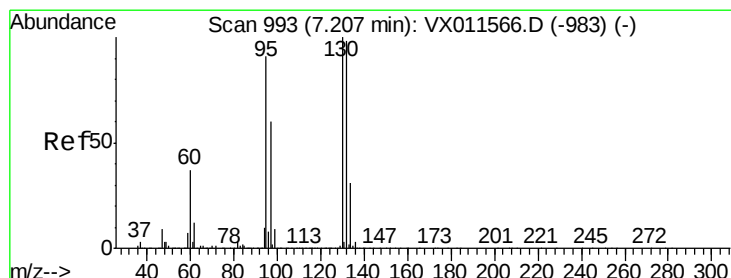
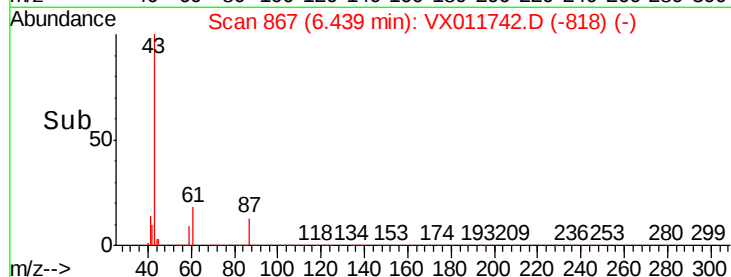
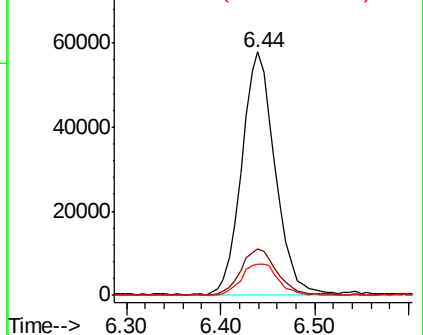
87 14.4 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.416 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011742.D

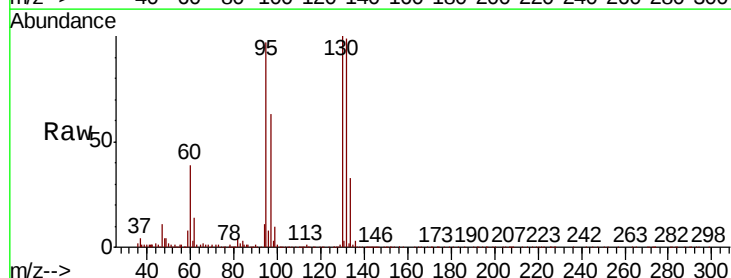
Acq: 21 Aug 2019 20:12

Tgt Ion: 130 Resp: 73114

Ion Ratio Lower Upper

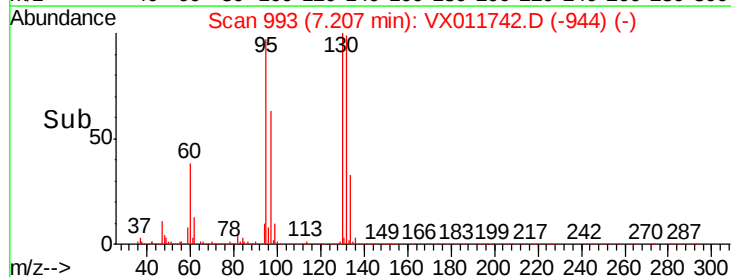
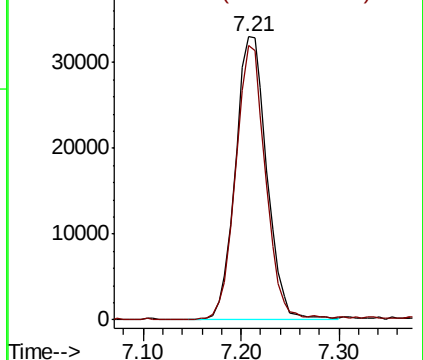
130 100

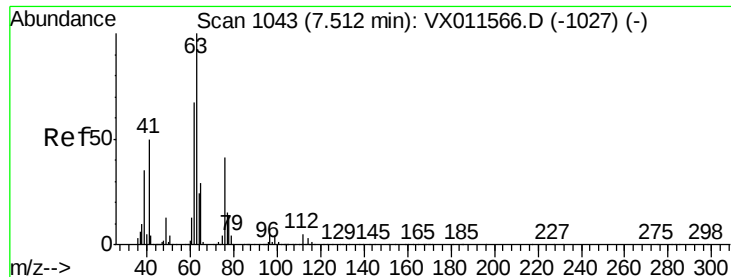
95 97.1 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.090 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

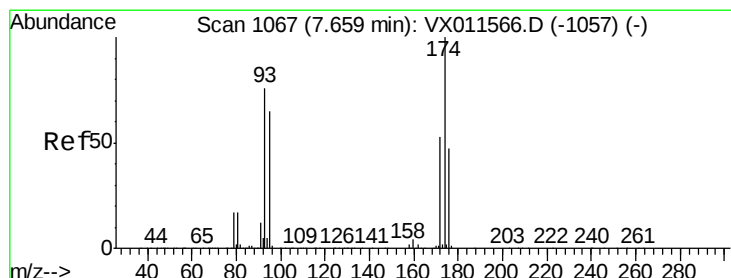
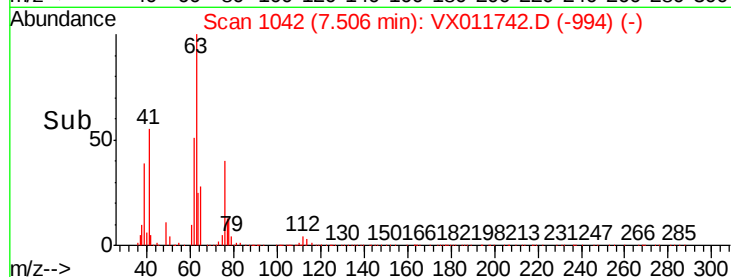
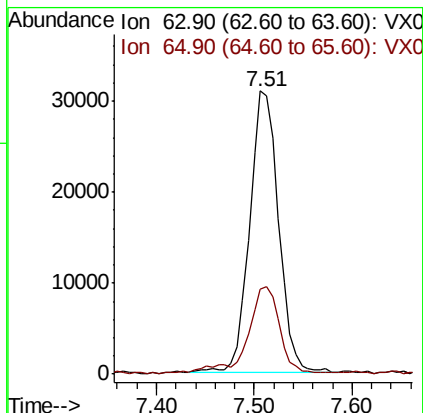
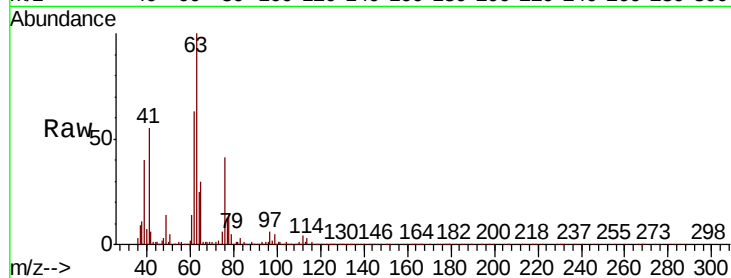
VX0821WBSD02

Tgt Ion: 63 Resp: 63598

Ion Ratio Lower Upper

63 100

65 29.3 23.4 35.2



#46

Dibromomethane

Concen: 19.624 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

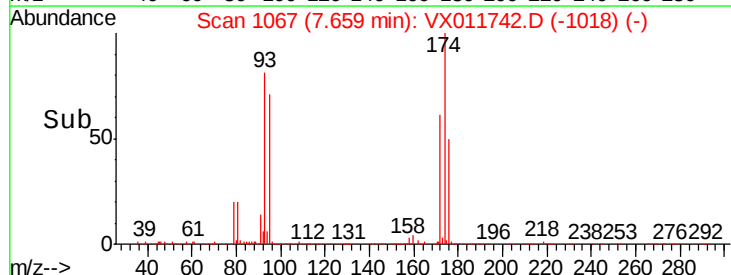
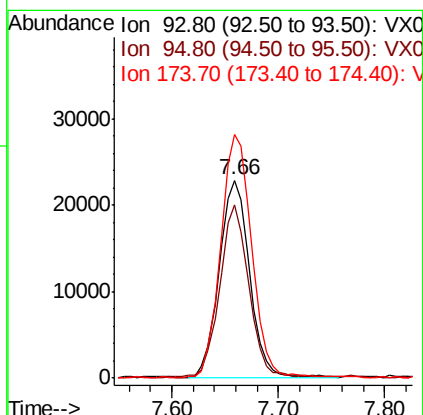
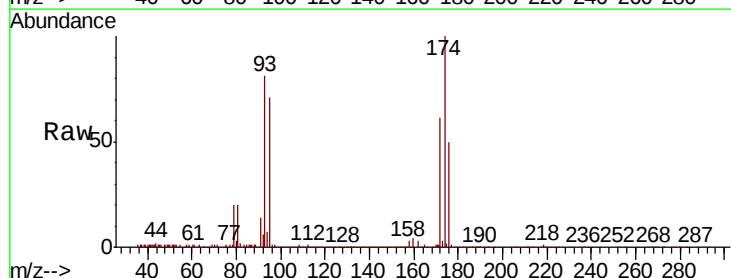
Tgt Ion: 93 Resp: 45145

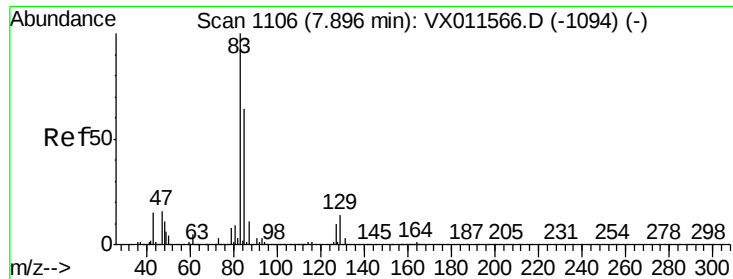
Ion Ratio Lower Upper

93 100

95 83.7 67.2 100.8

174 127.3 105.5 158.3

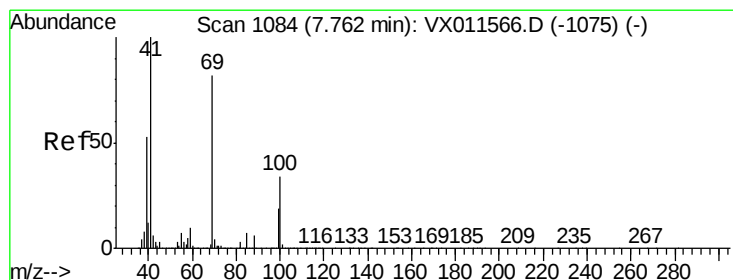
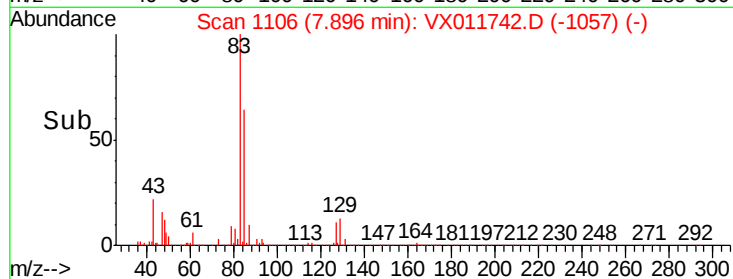
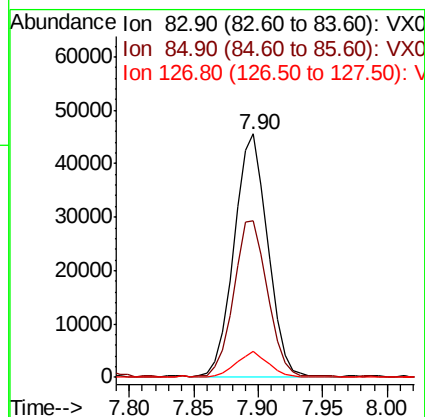
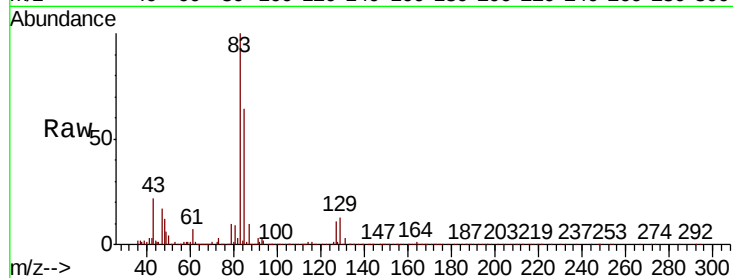




#47
 Bromodichloromethane
 Concen: 19.651 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

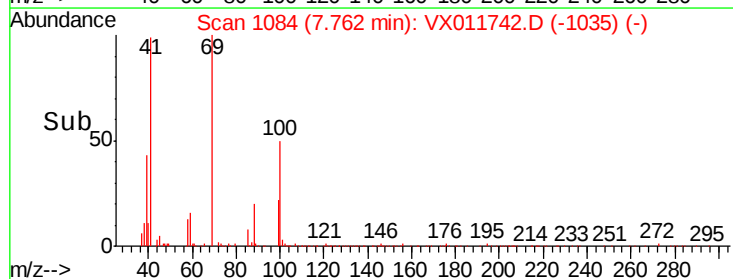
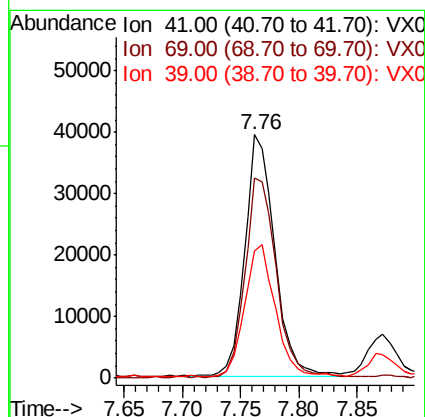
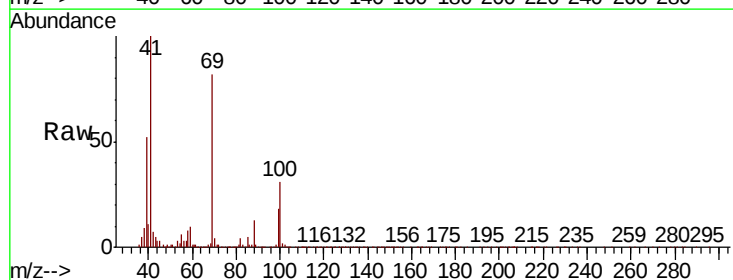
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

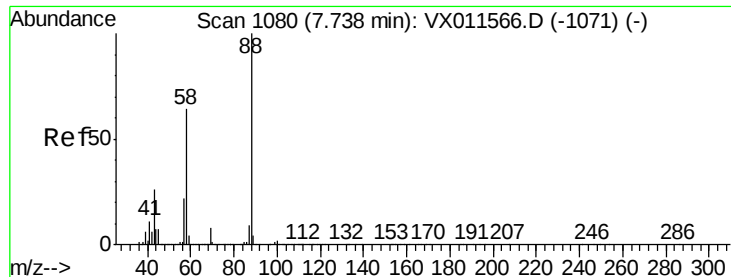
Tgt Ion: 83 Resp: 83007
 Ion Ratio Lower Upper
 83 100
 85 64.1 51.2 76.8
 127 10.4 8.1 12.1



#48
 Methyl methacrylate
 Concen: 19.485 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion: 41 Resp: 70751
 Ion Ratio Lower Upper
 41 100
 69 87.0 67.9 101.9
 39 55.8 41.6 62.4

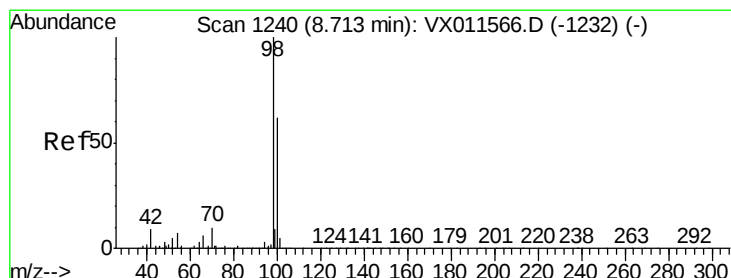
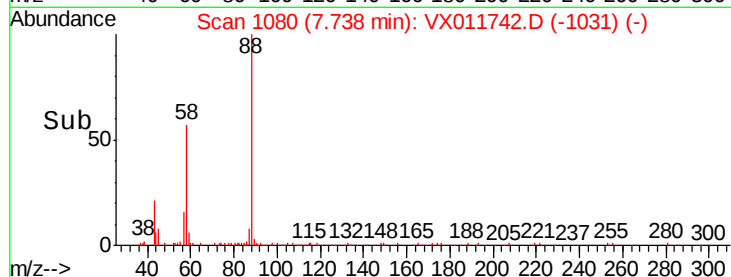
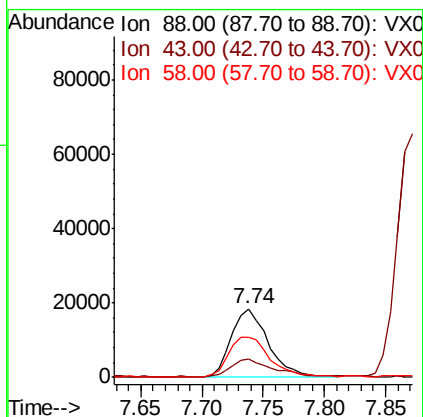
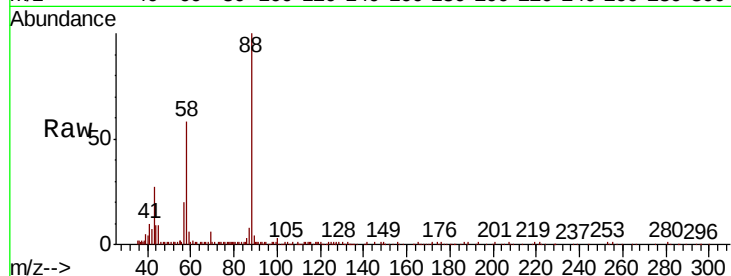




#49
1,4-Dioxane
Concen: 395.066 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

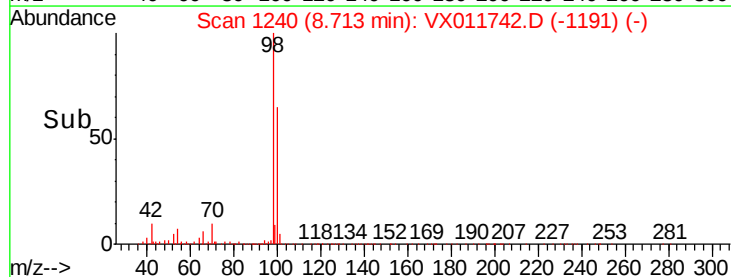
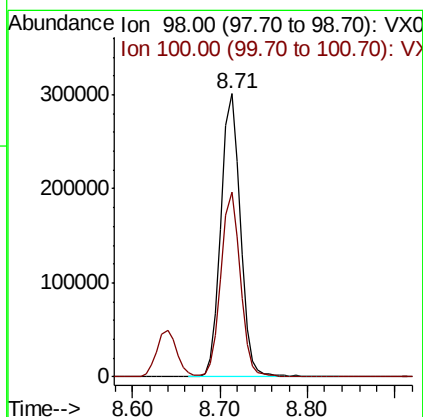
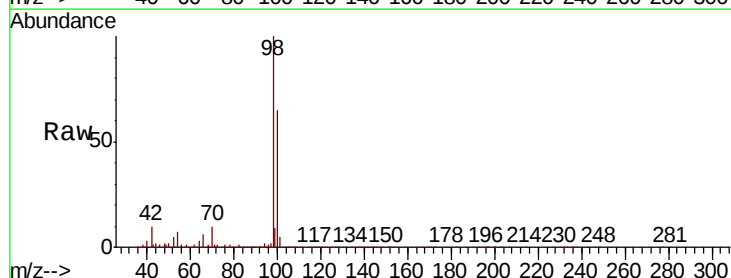
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

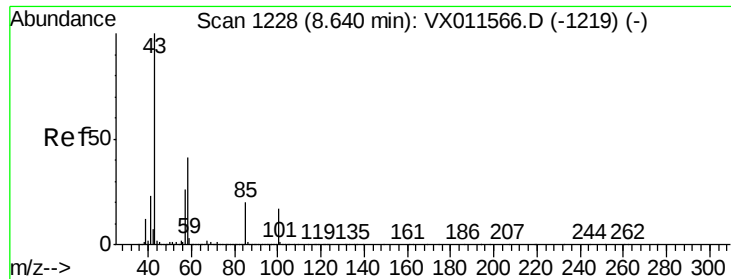
Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.0	23.4	35.0
58	63.9	54.3	81.5



#50
Toluene-d8
Concen: 47.592 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6

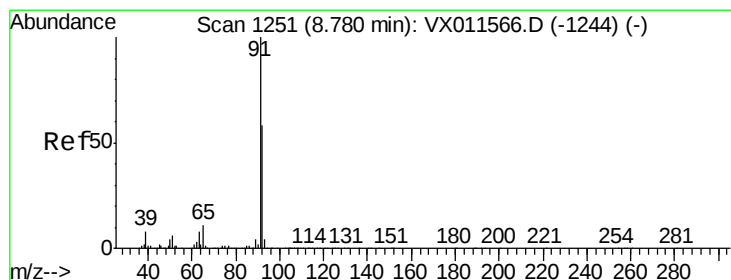
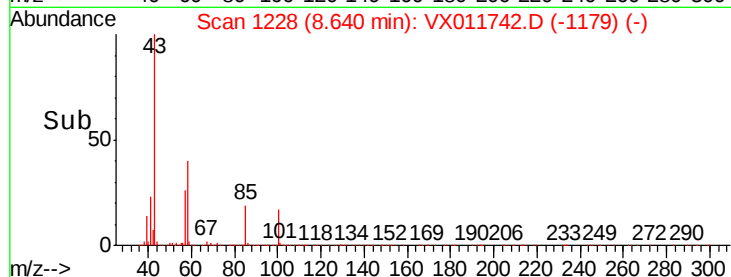
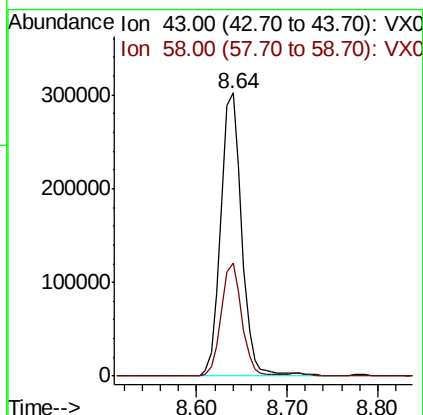
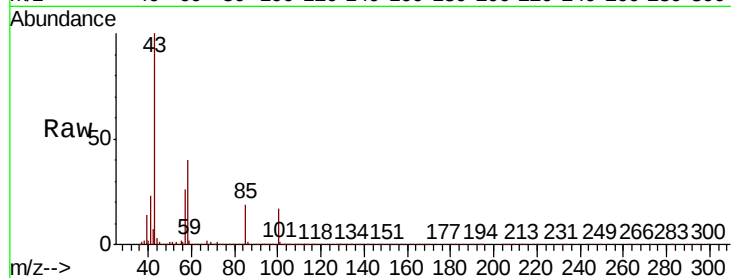




#51
4-Methyl-2-Pentanone
Concen: 101.722 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

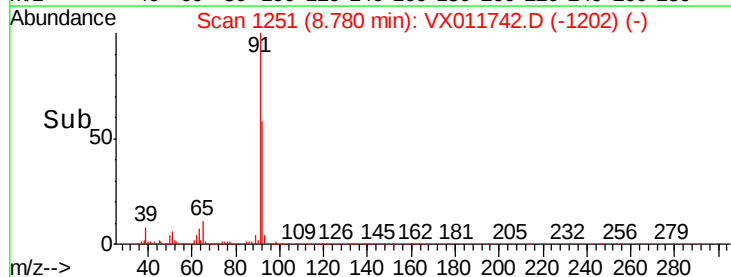
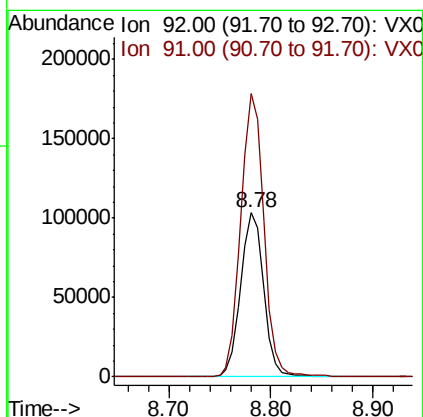
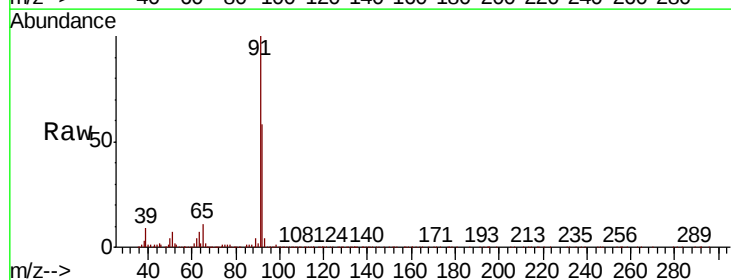
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

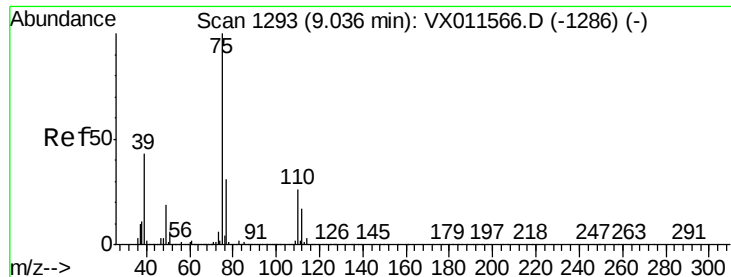
Tgt Ion: 43 Resp: 488185
Ion Ratio Lower Upper
43 100
58 39.1 31.8 47.6



#52
Toluene
Concen: 20.092 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion: 92 Resp: 162484
Ion Ratio Lower Upper
92 100
91 171.6 138.0 207.0

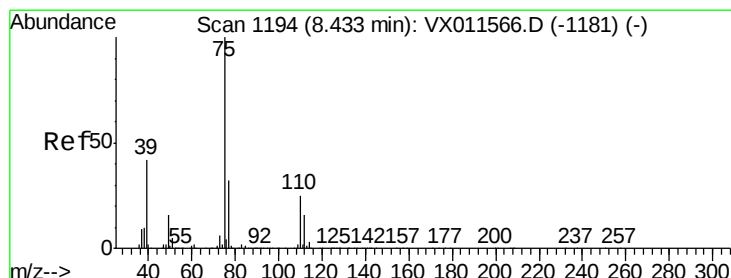
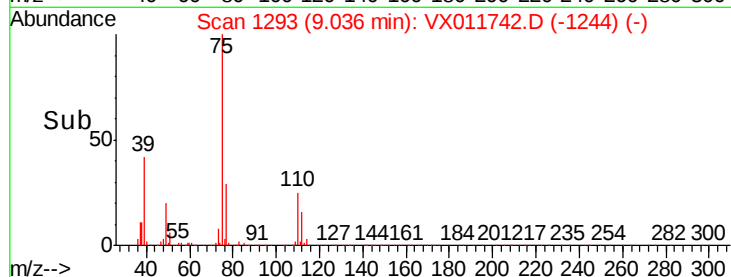
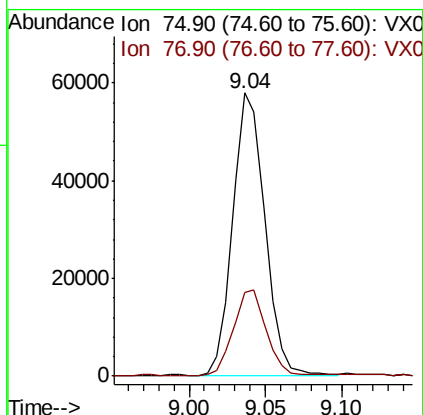
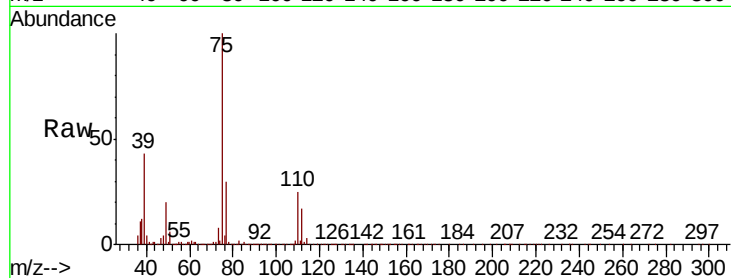




#53
 t-1,3-Dichloropropene
 Concen: 19.111 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

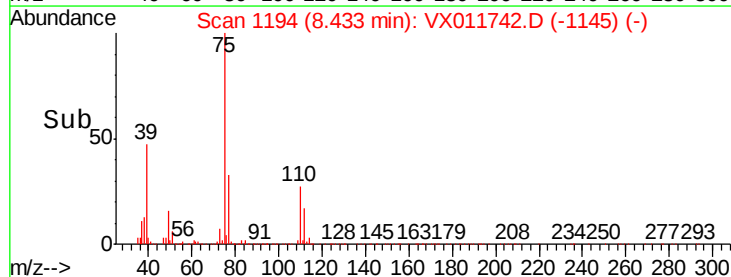
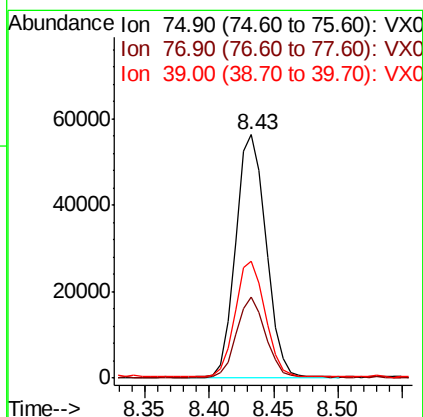
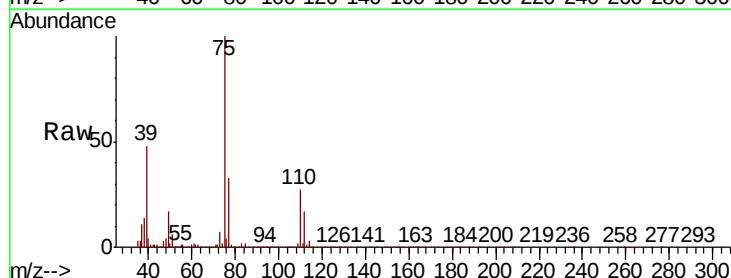
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

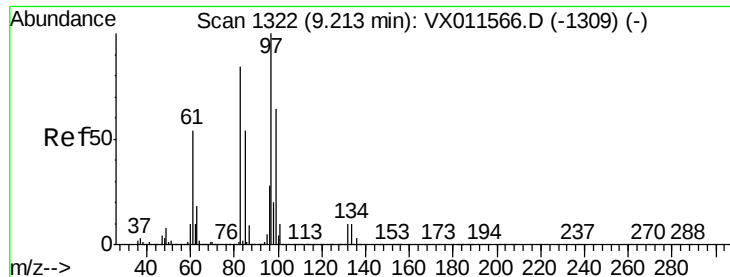
Tgt Ion: 75 Resp: 83781
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.378 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion: 75 Resp: 92965
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.5 38.3
 39 47.7 33.6 50.4

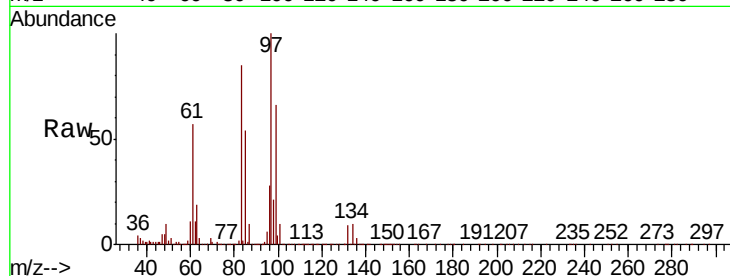




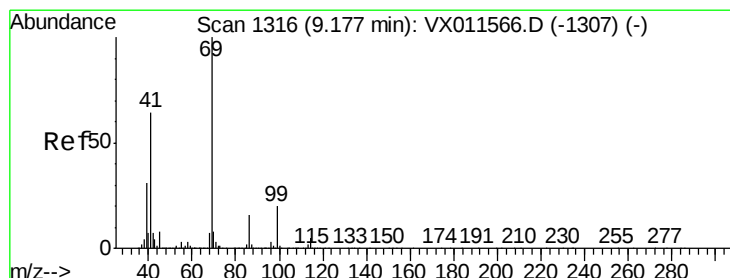
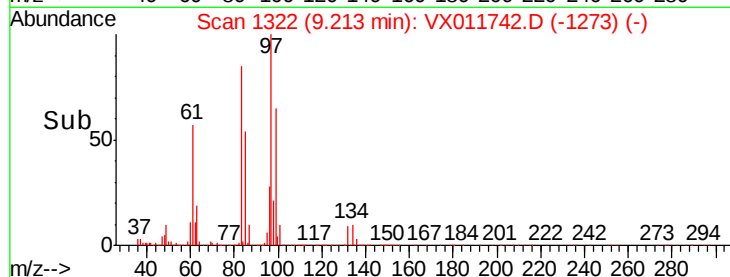
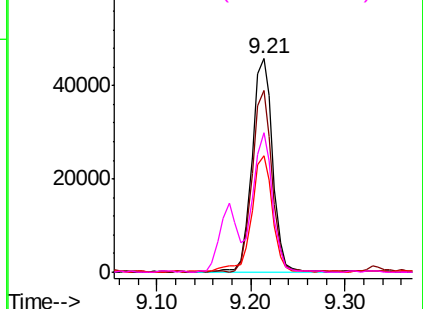
#55
 1,1,2-Trichloroethane
 Concen: 20.656 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tgt Ion:	97	Resp:	71037
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.4	101.0
85	53.8	43.4	65.2
99	65.3	51.1	76.7

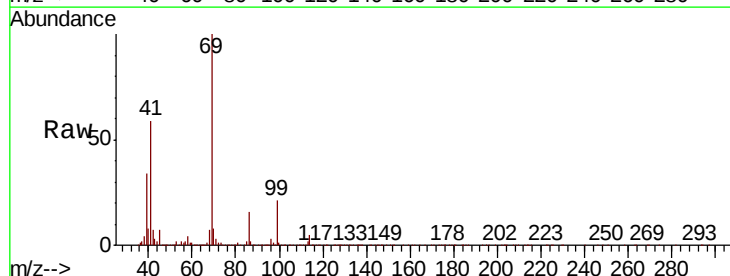


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

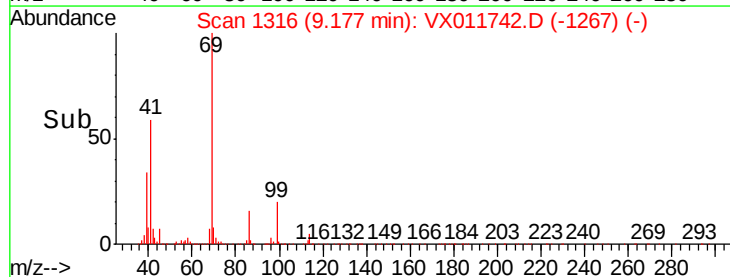
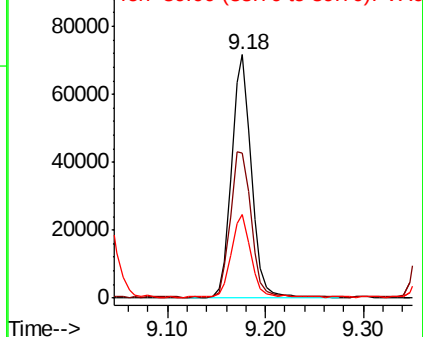


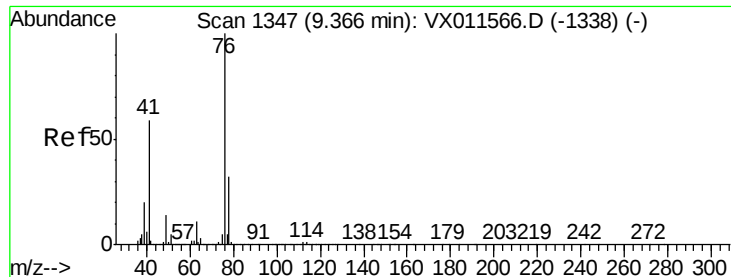
#56
 Ethyl methacrylate
 Concen: 20.021 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion:	69	Resp:	100072
Ion	Ratio	Lower	Upper
69	100		
41	63.7	52.1	78.1
39	33.4	25.4	38.0



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: 20.659 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

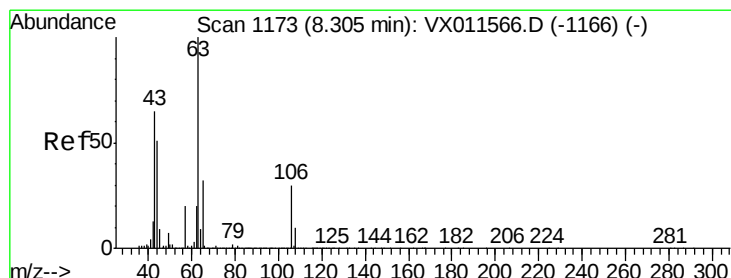
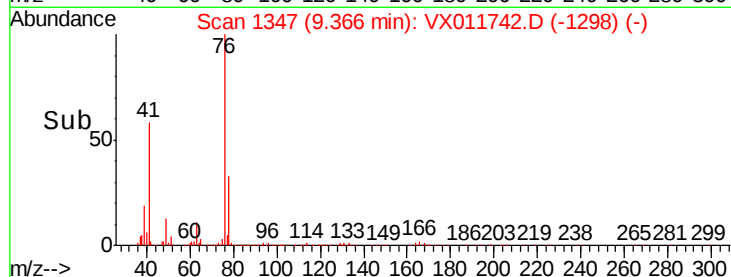
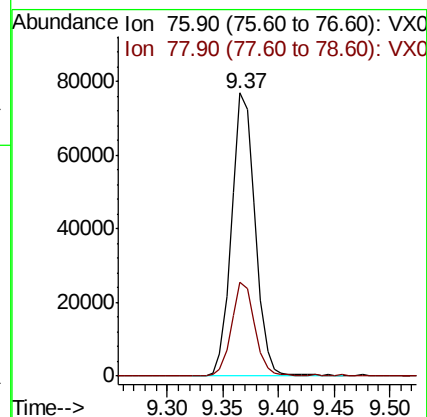
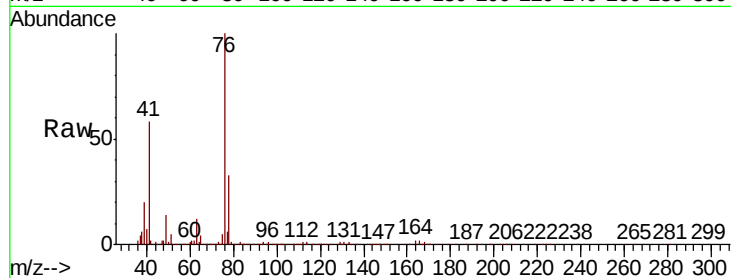
VX0821WBSD02

Tgt Ion: 76 Resp: 112934

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 102.916 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011742.D

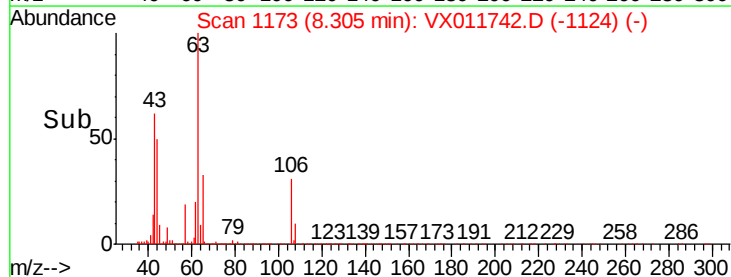
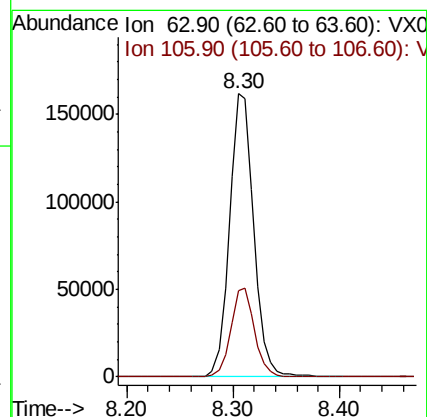
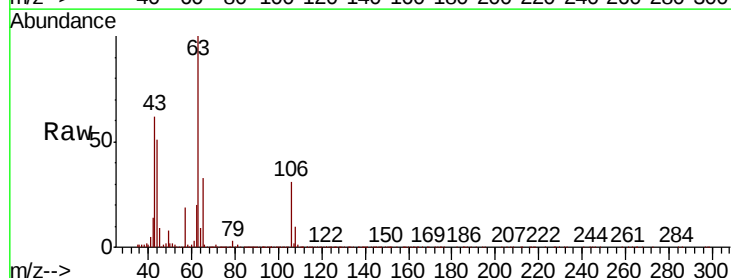
Acq: 21 Aug 2019 20:12

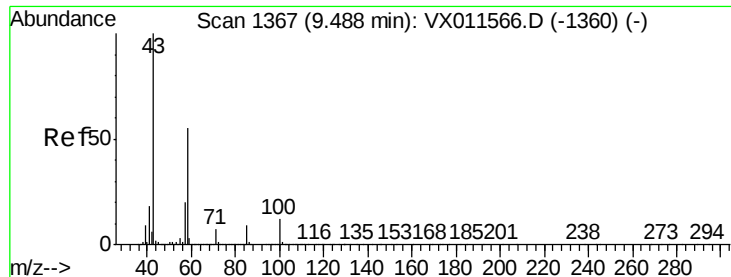
Tgt Ion: 63 Resp: 256314

Ion Ratio Lower Upper

63 100

106 31.1 24.7 37.1

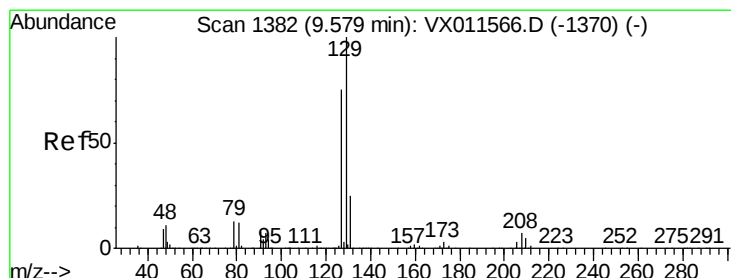
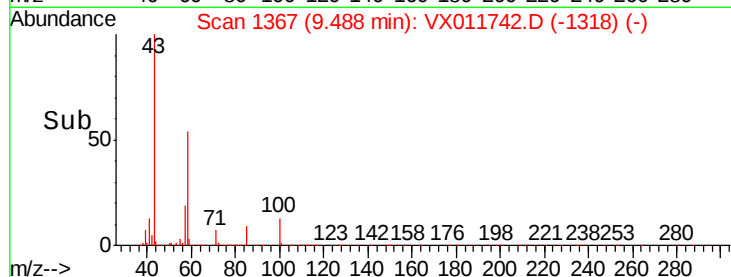
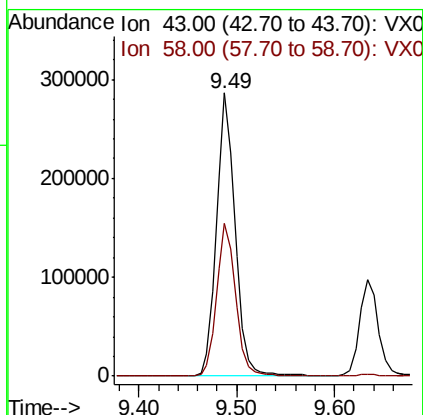
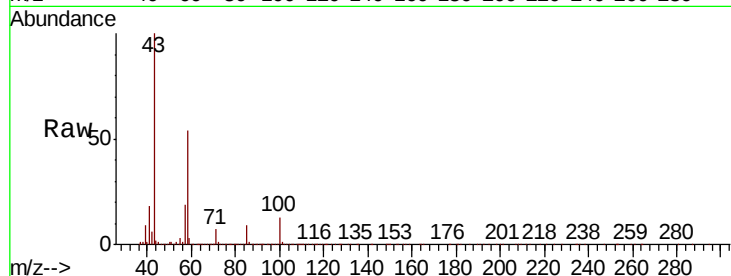




#59
2-Hexanone
Concen: 102.431 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

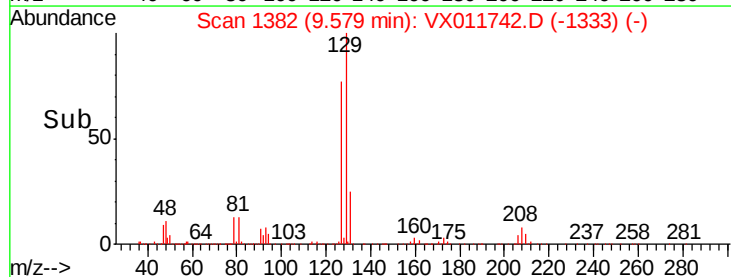
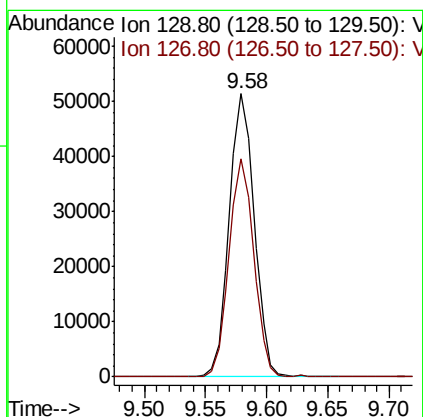
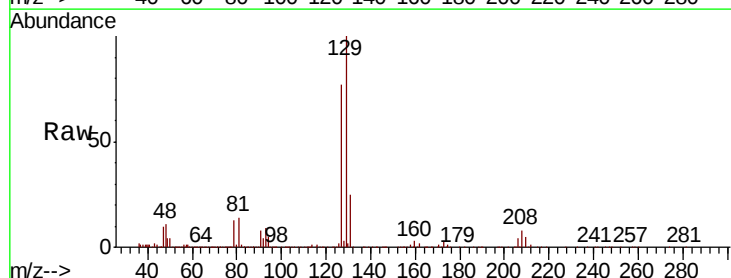
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

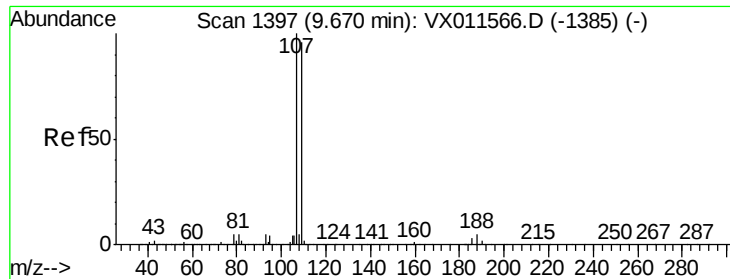
Tgt Ion: 43 Resp: 379091
Ion Ratio Lower Upper
43 100
58 54.6 27.5 82.4



#60
Dibromochloromethane
Concen: 20.375 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion: 129 Resp: 73005
Ion Ratio Lower Upper
129 100
127 76.4 38.0 114.1

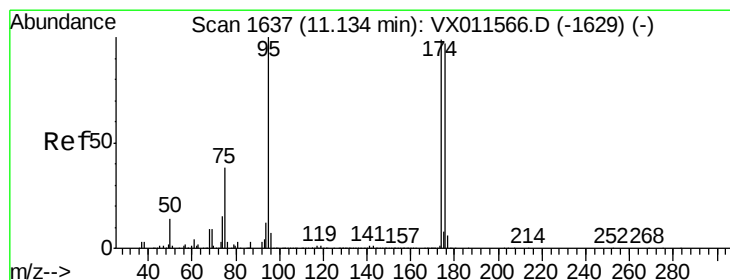
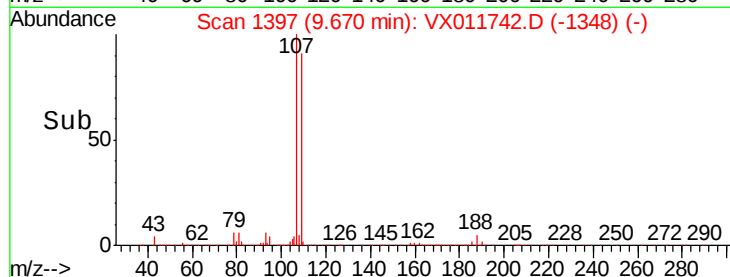
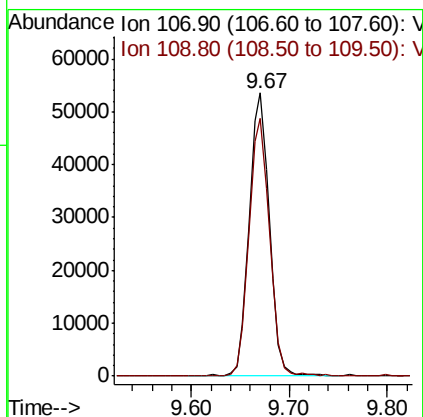
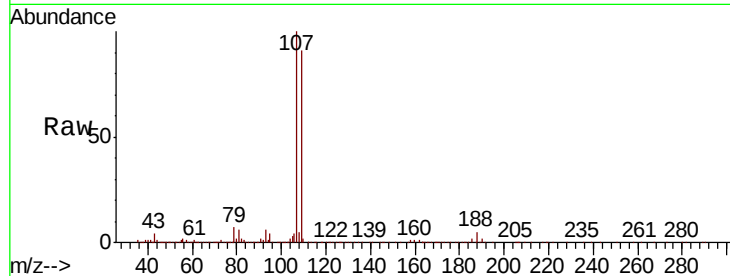




#61
 1,2-Dibromoethane
 Concen: 20.922 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

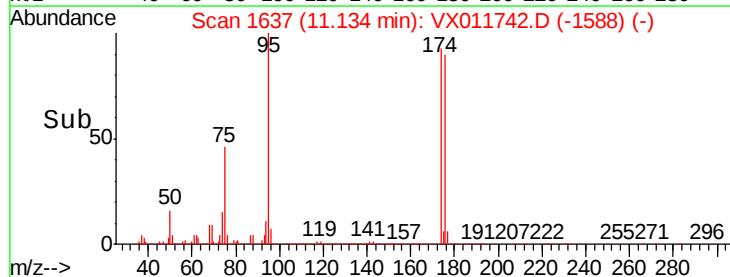
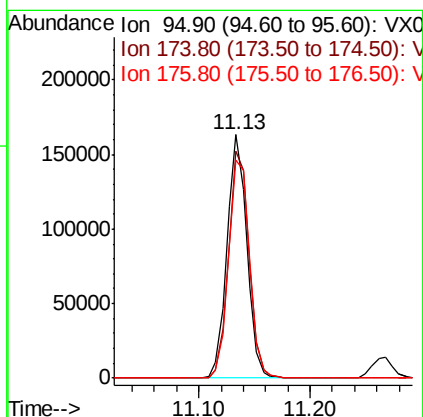
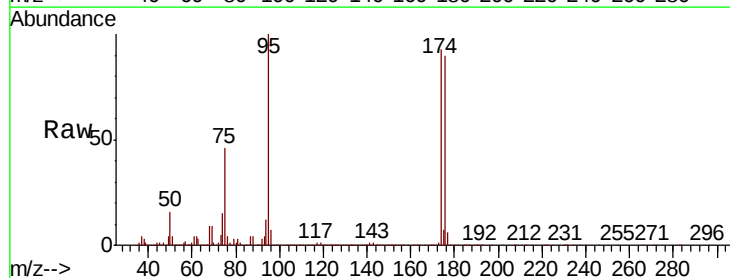
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

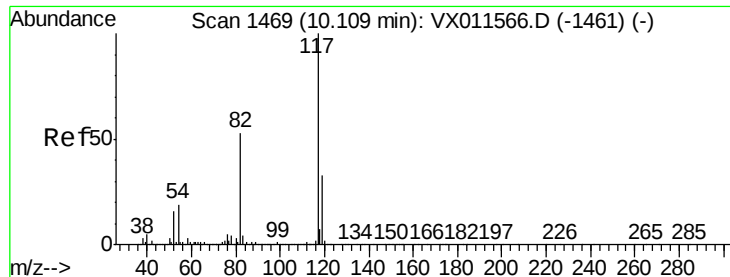
Tgt Ion: 107 Resp: 76791
 Ion Ratio Lower Upper
 107 100
 109 92.4 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 48.926 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion: 95 Resp: 201071
 Ion Ratio Lower Upper
 95 100
 174 96.5 0.0 200.6
 176 95.2 0.0 196.6

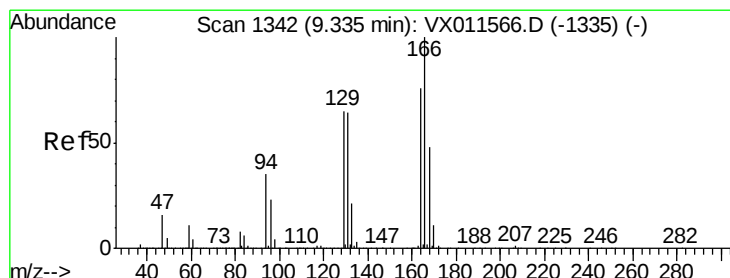
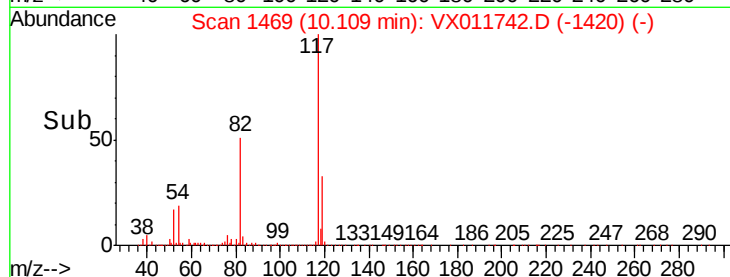
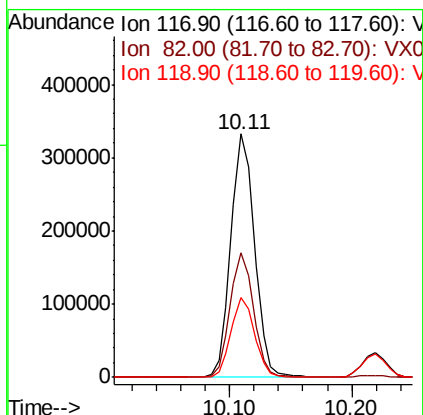
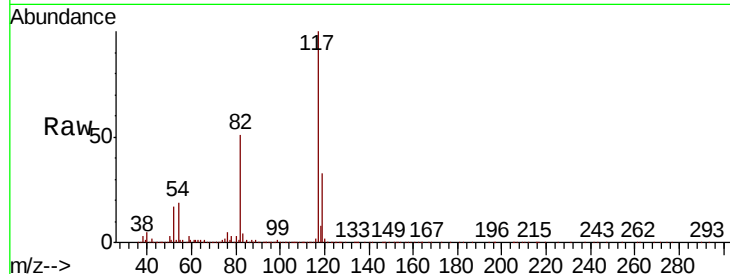




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

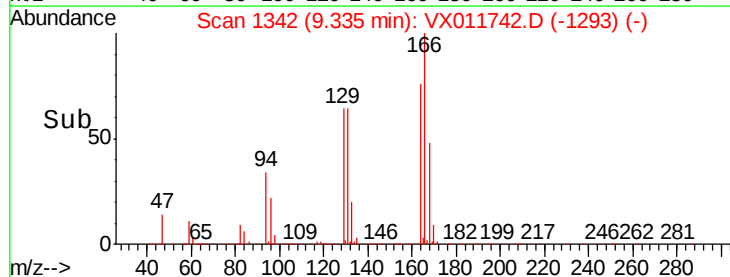
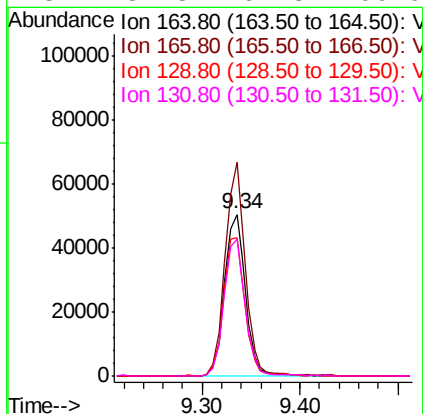
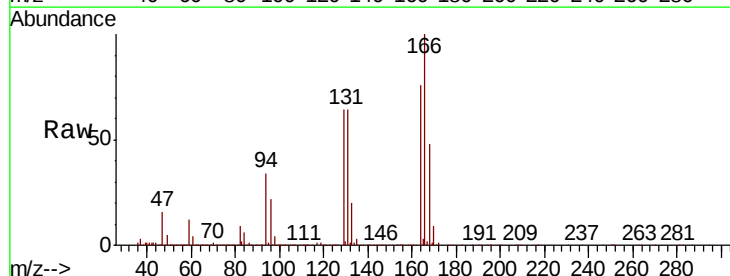
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

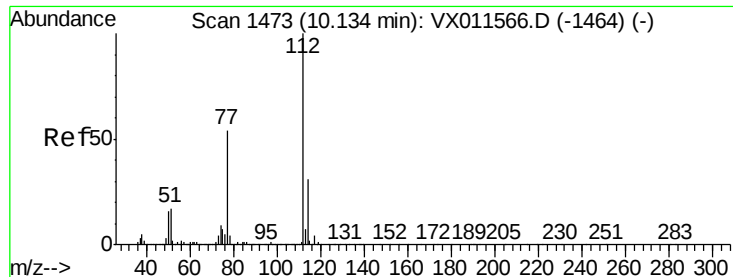
Tgt Ion:117 Resp: 445424
Ion Ratio Lower Upper
117 100
82 51.3 42.0 63.0
119 32.5 26.5 39.7



#64
Tetrachloroethene
Concen: 20.626 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion:164 Resp: 75379
Ion Ratio Lower Upper
164 100
166 131.8 104.7 157.1
129 84.8 68.2 102.4
131 84.8 67.3 100.9

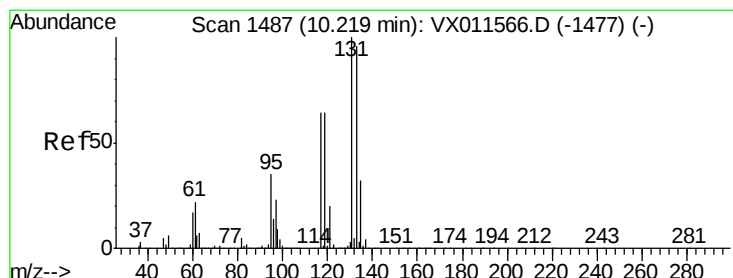
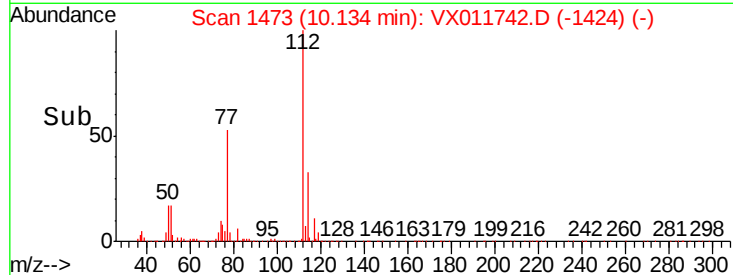
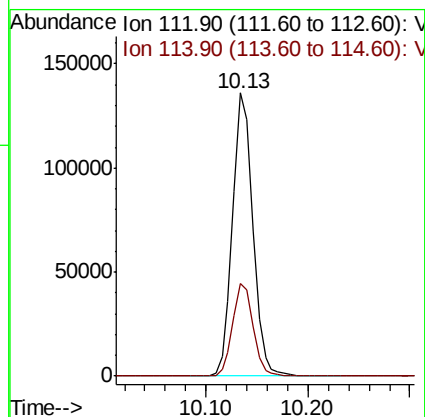
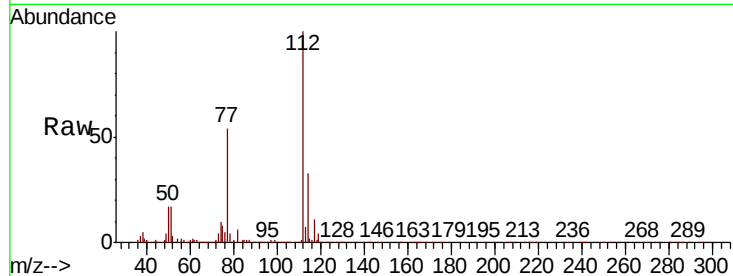




#65
Chlorobenzene
Concen: 19.621 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

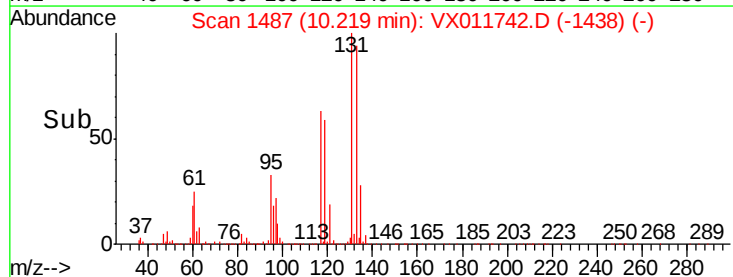
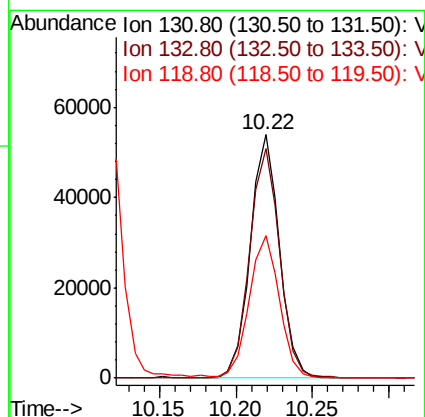
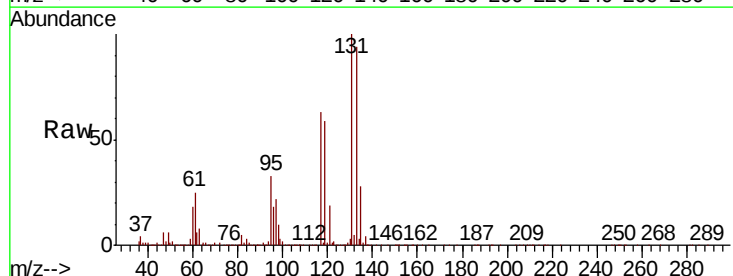
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

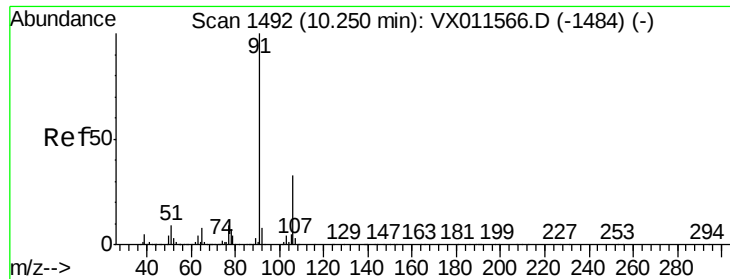
Tgt Ion:112 Resp: 186405
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.957 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion:131 Resp: 70867
Ion Ratio Lower Upper
131 100
133 97.8 48.1 144.4
119 61.1 31.3 93.8





#67

Ethyl Benzene

Concen: 19.819 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

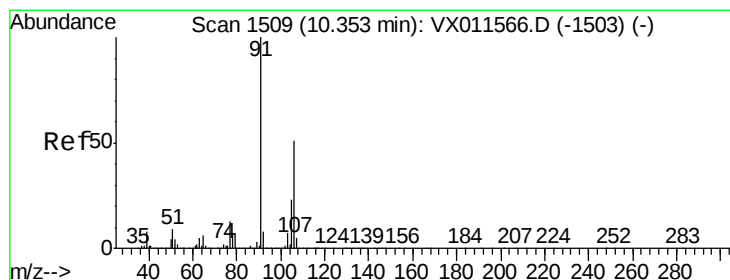
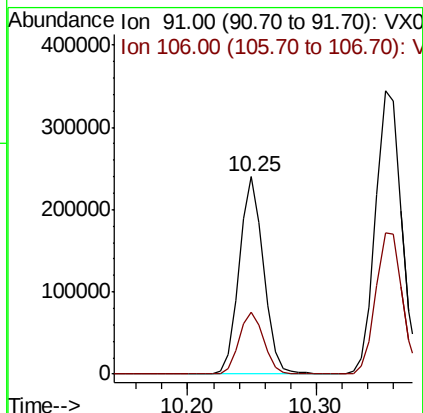
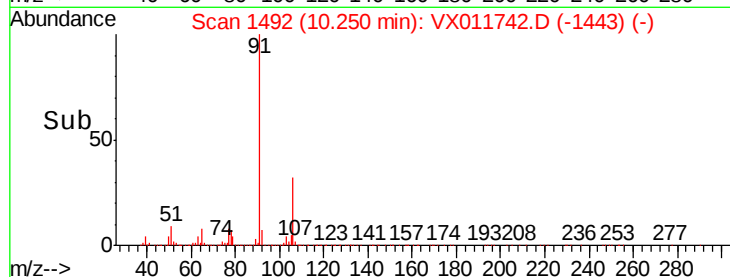
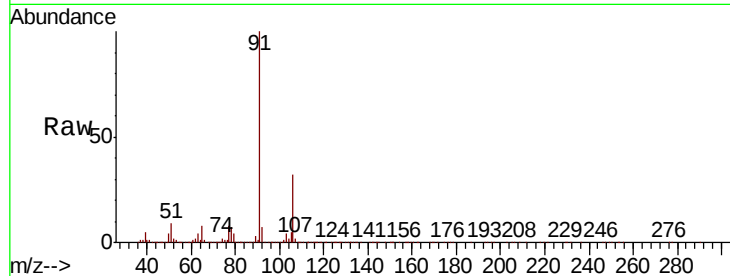
VX0821WBSD02

Tgt Ion: 91 Resp: 314233

Ion Ratio Lower Upper

91 100

106 31.6 26.0 39.0



#68

m/p-Xylenes

Concen: 39.954 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011742.D

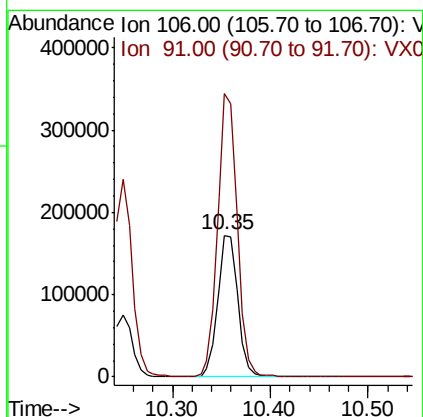
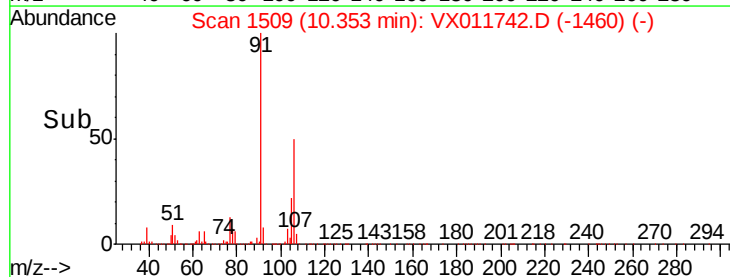
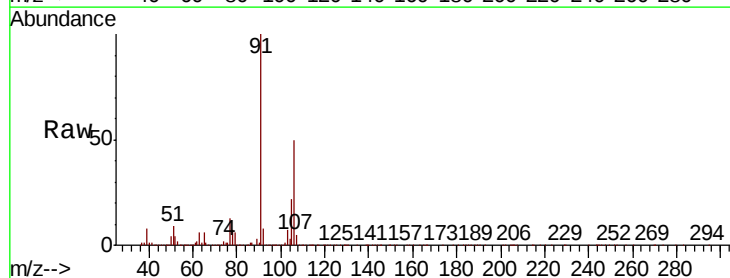
Acq: 21 Aug 2019 20:12

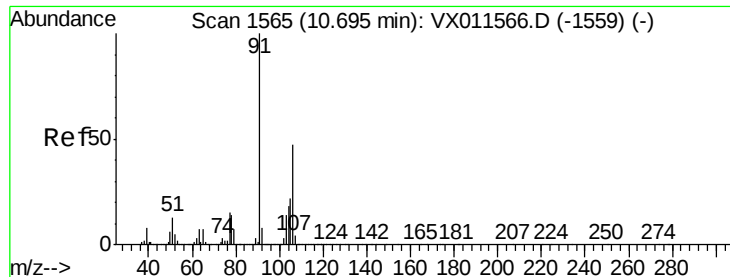
Tgt Ion: 106 Resp: 243165

Ion Ratio Lower Upper

106 100

91 197.4 156.0 234.0

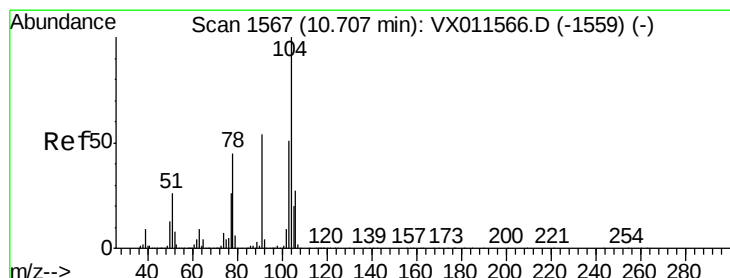
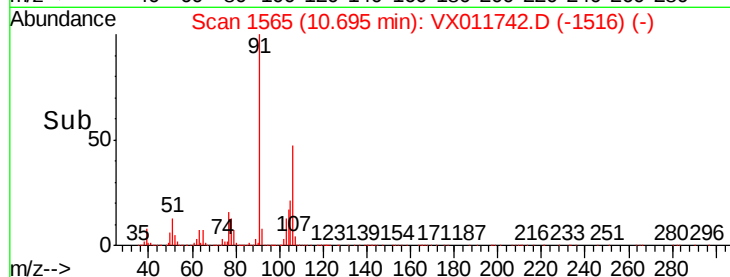
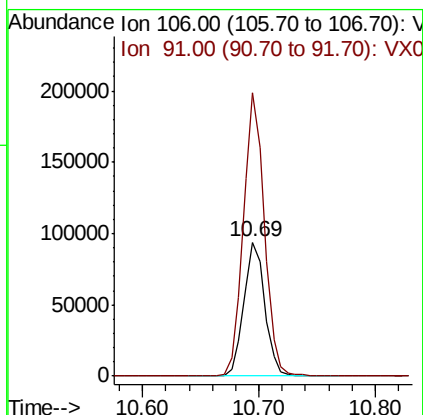
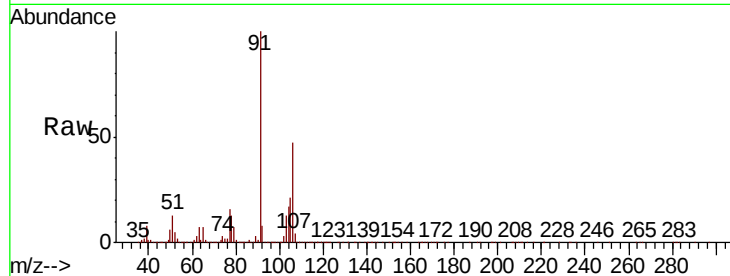




#69
o-Xylene
Concen: 20.095 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

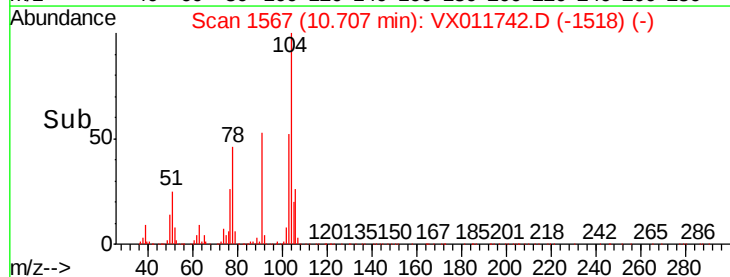
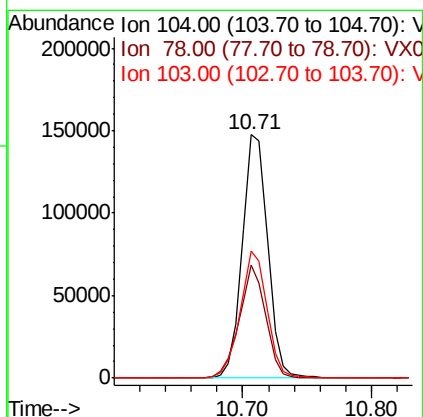
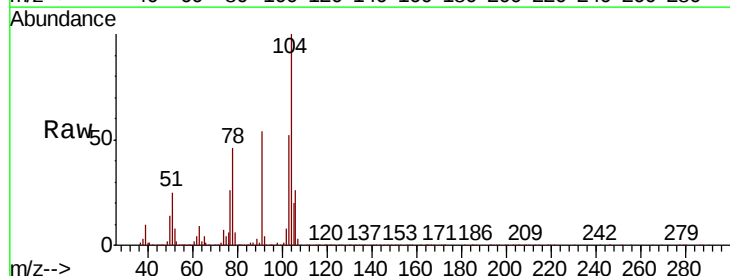
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

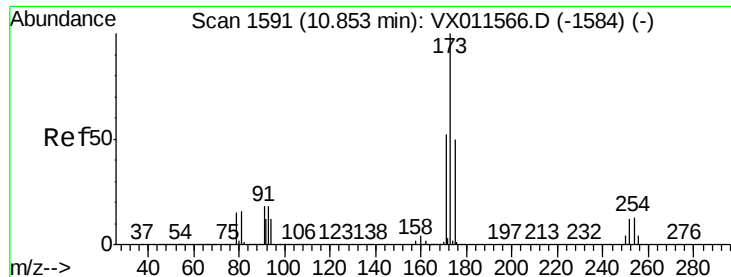
Tgt Ion:106 Resp: 119797
Ion Ratio Lower Upper
106 100
91 208.3 105.5 316.4



#70
Styrene
Concen: 20.043 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion:104 Resp: 201152
Ion Ratio Lower Upper
104 100
78 48.0 38.2 57.4
103 55.5 43.6 65.4





#71

Bromoform

Concen: 19.140 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

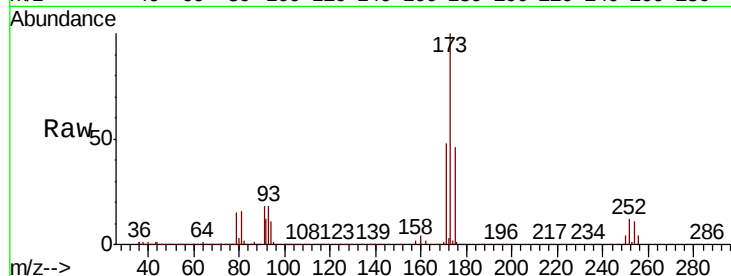
Tgt Ion:173 Resp: 58541

Ion Ratio Lower Upper

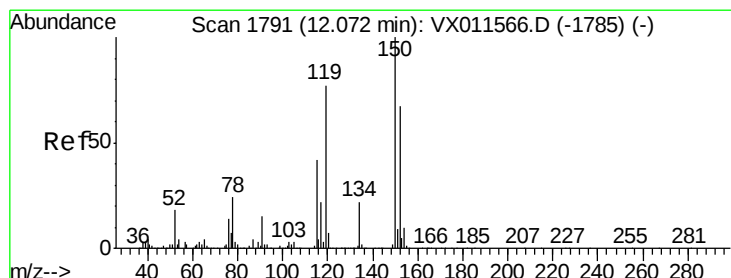
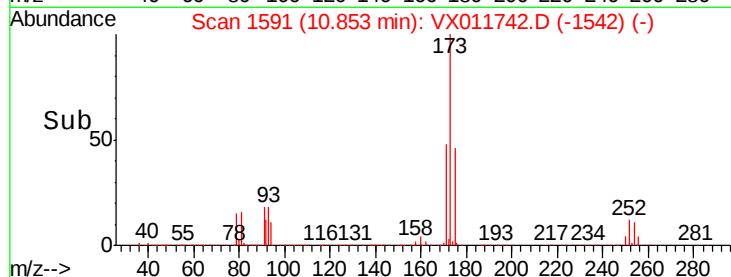
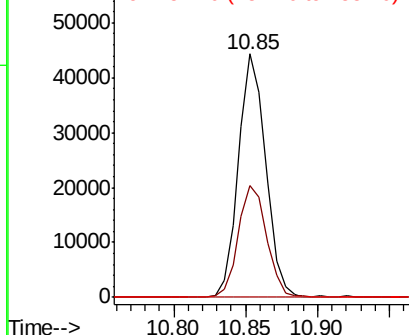
173 100

175 47.4 24.9 74.7

254 0.4 0.1 0.1#



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. 0.01 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

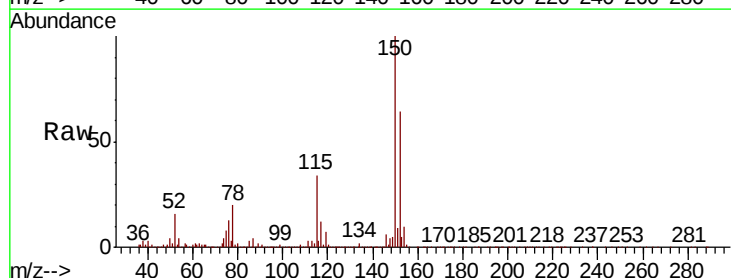
Tgt Ion:152 Resp: 226633

Ion Ratio Lower Upper

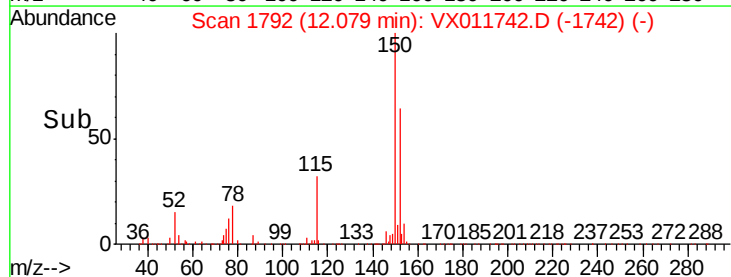
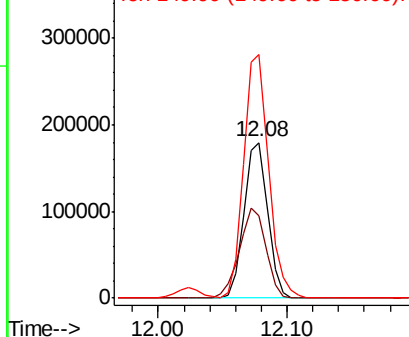
152 100

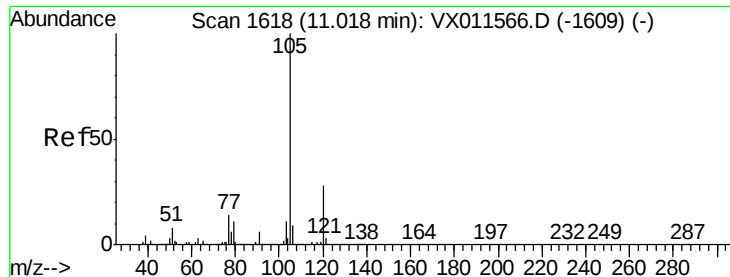
115 64.5 37.3 111.9

150 164.5 0.0 346.2



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: 21.565 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

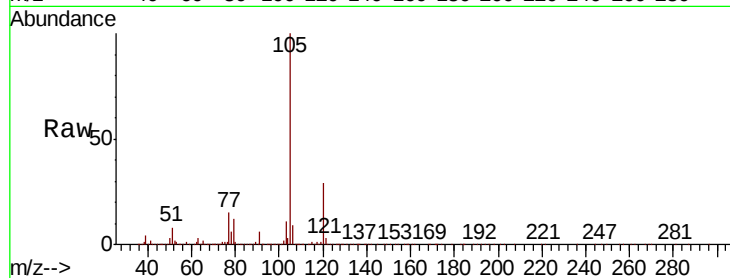
VX0821WBSD02

Tgt Ion: 105 Resp: 317129

Ion Ratio Lower Upper

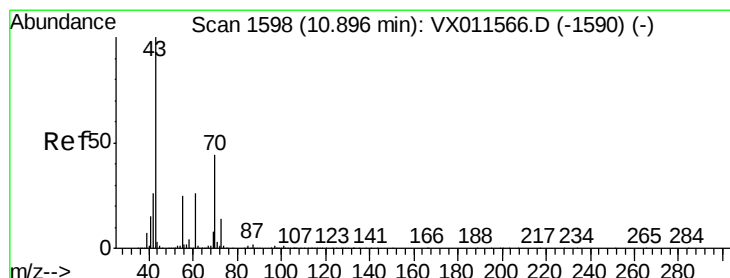
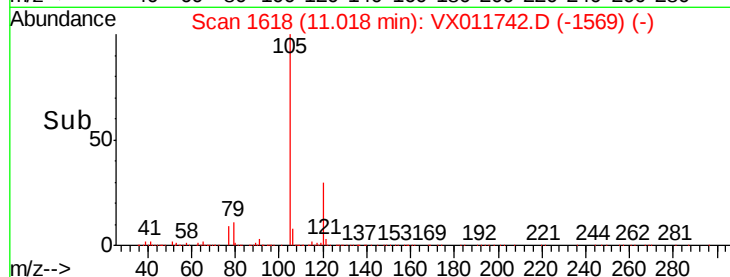
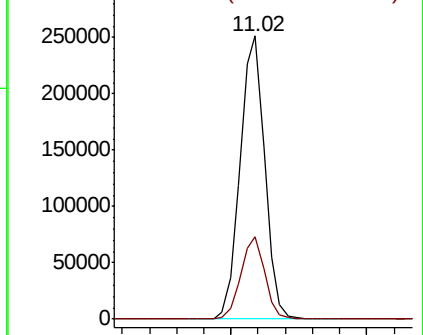
105 100

120 28.2 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.643 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Tgt Ion: 43 Resp: 122758

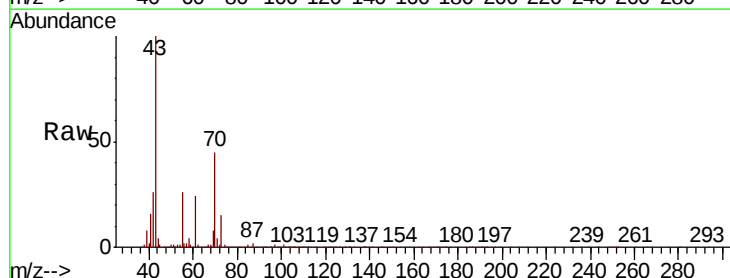
Ion Ratio Lower Upper

43 100

70 44.3 34.7 52.1

55 26.1 19.6 29.4

61 25.1 19.9 29.9

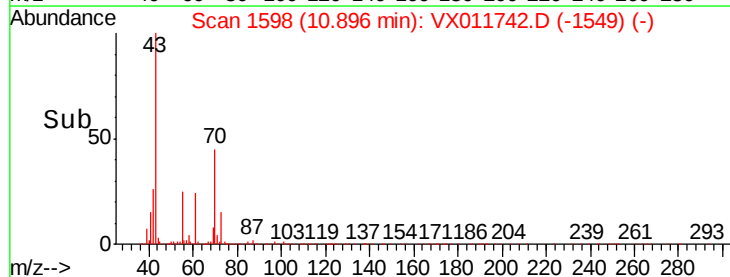
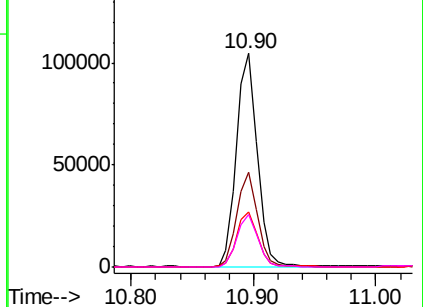


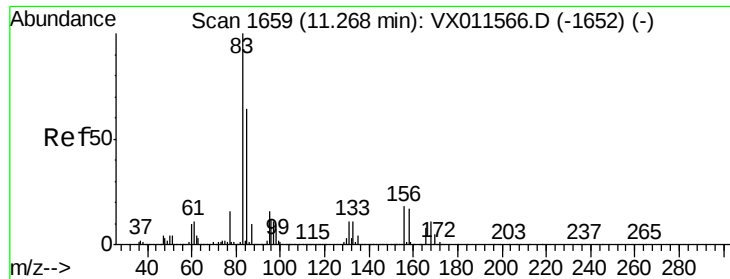
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

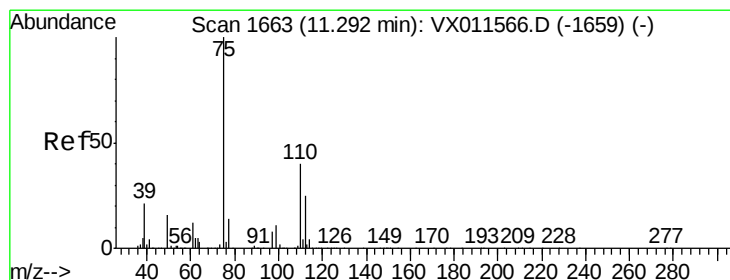
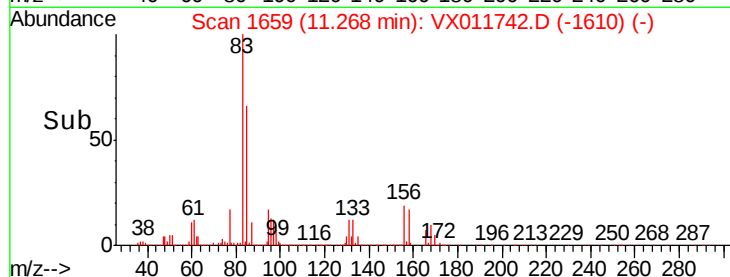
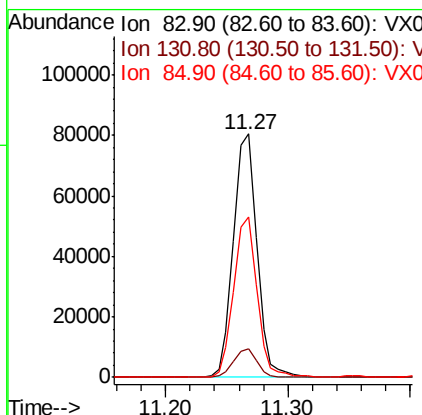
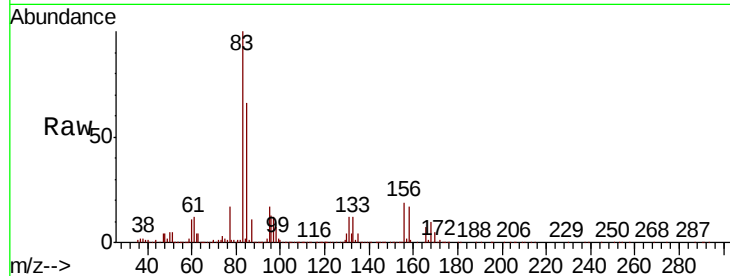




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.123 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

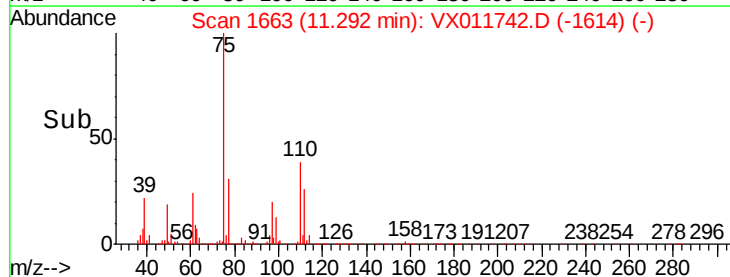
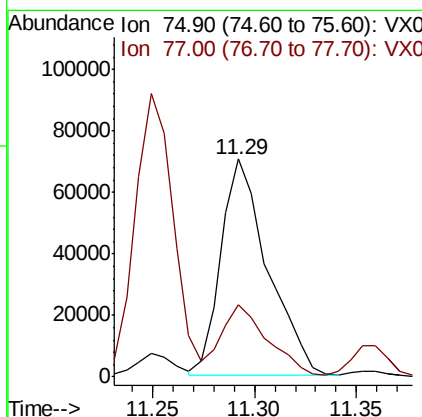
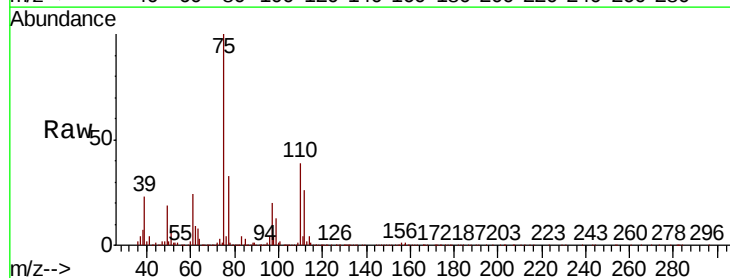
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

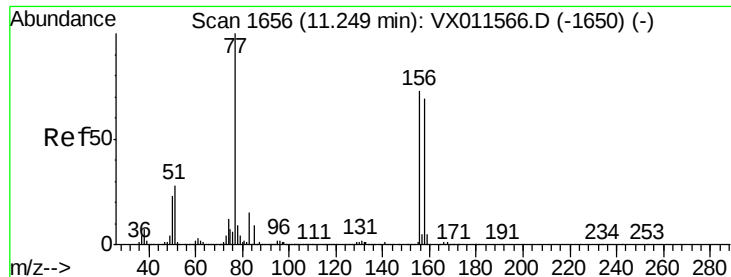
Tgt Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.8	17.3
85	65.9	31.9	95.9



#76
 1,2,3-Trichloropropane
 Concen: 26.000 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.3	20.9	62.8





#77

Bromobenzene

Concen: 21.483 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

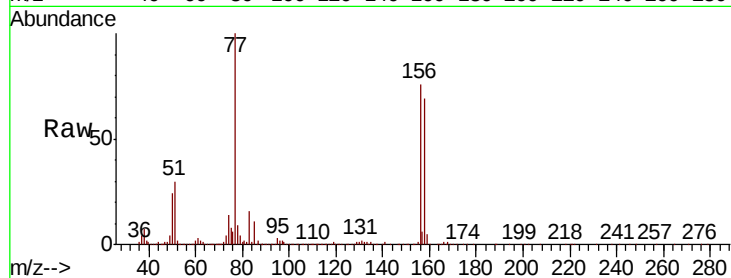
Tgt Ion:156 Resp: 93994

Ion Ratio Lower Upper

156 100

77 128.3 64.6 193.9

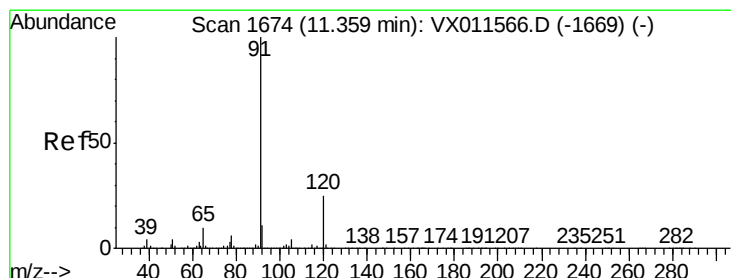
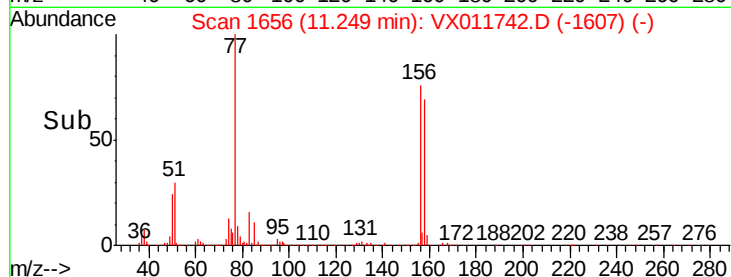
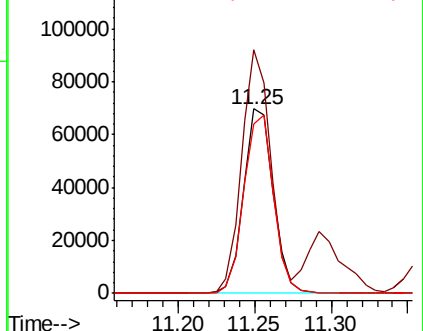
158 97.4 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.180 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011742.D

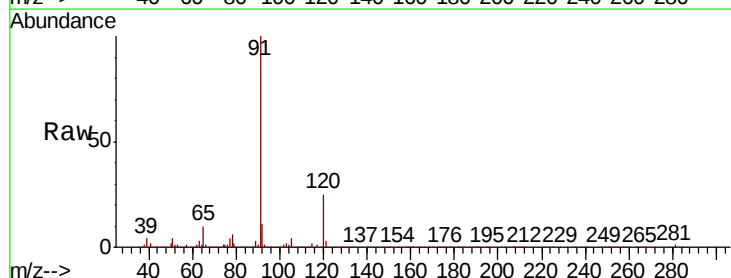
Acq: 21 Aug 2019 20:12

Tgt Ion: 91 Resp: 335865

Ion Ratio Lower Upper

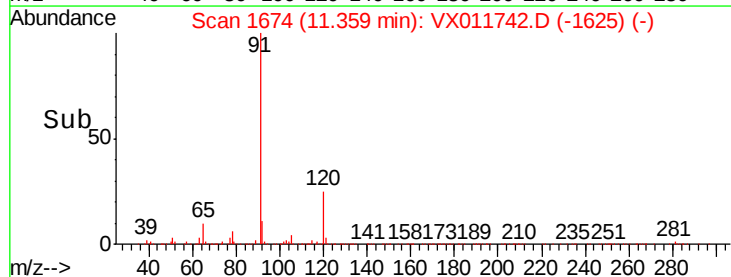
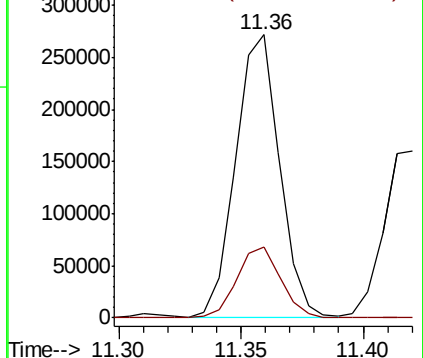
91 100

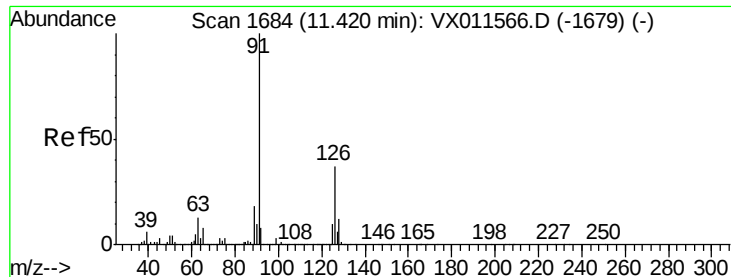
120 25.0 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

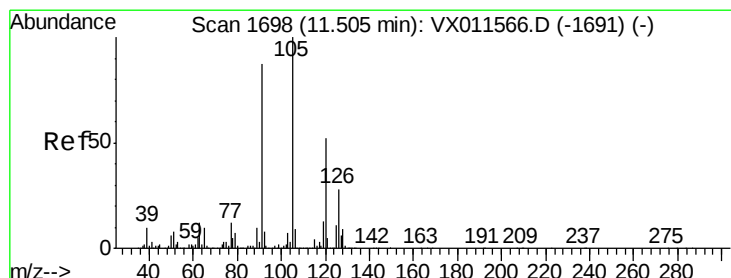
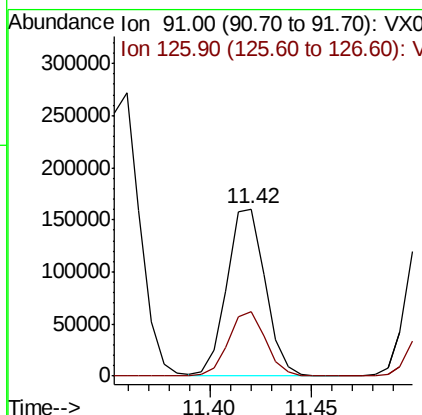
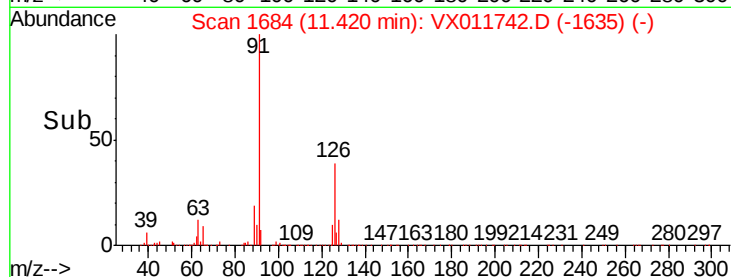
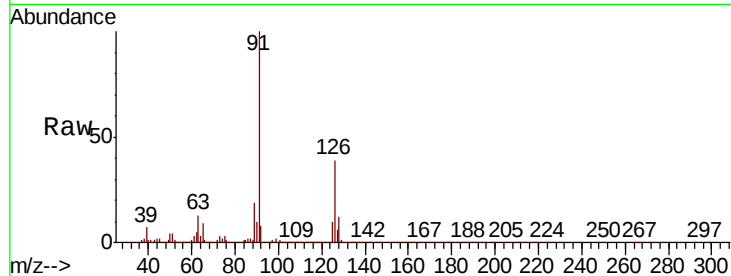




#79
 2-Chlorotoluene
 Concen: 21.329 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

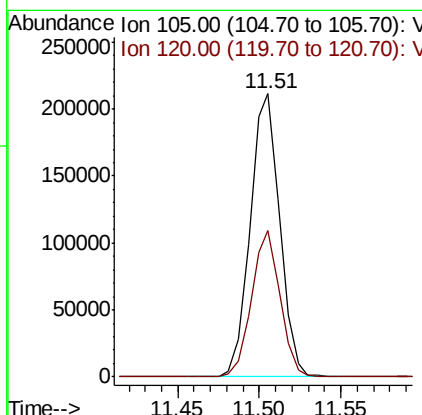
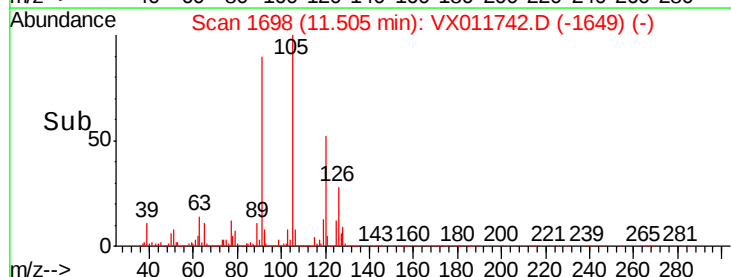
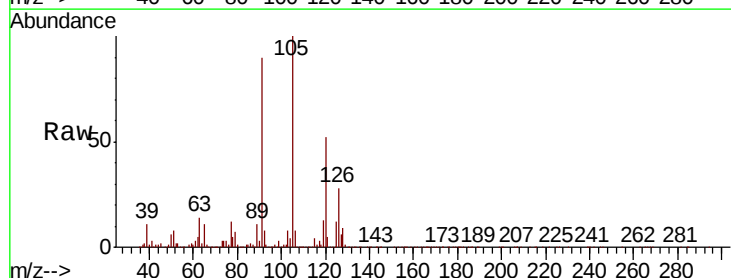
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

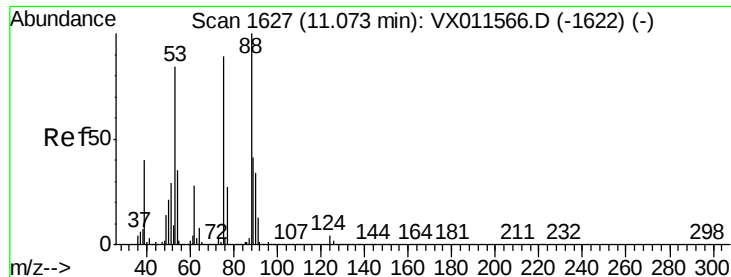
Tgt Ion: 91 Resp: 207689
 Ion Ratio Lower Upper
 91 100
 126 37.6 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.534 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion: 105 Resp: 266021
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.3 75.8

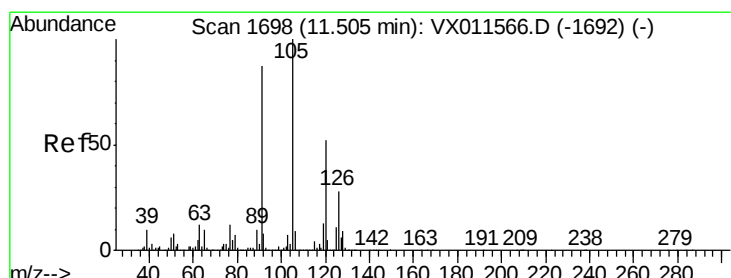
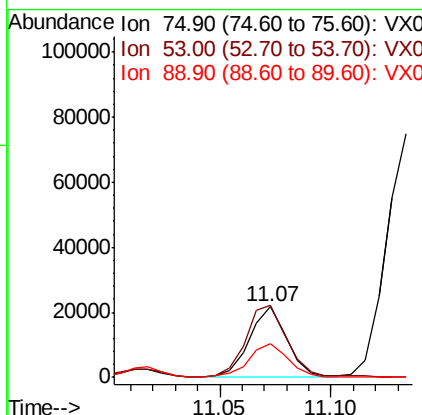
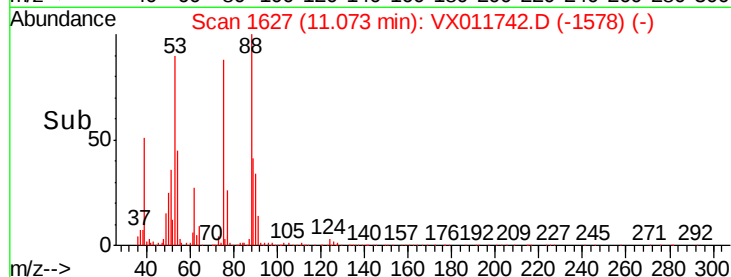
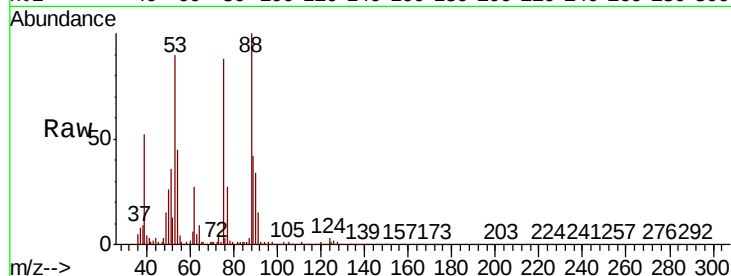




#81
trans-1,4-Dichloro-2-butene
Concen: 18.909 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

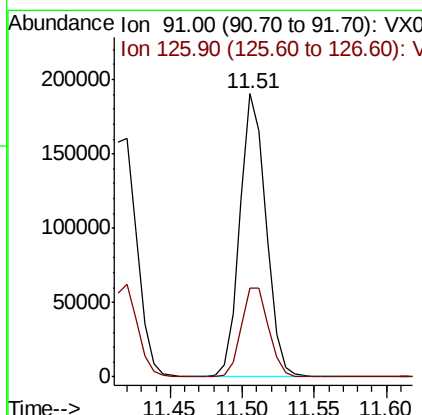
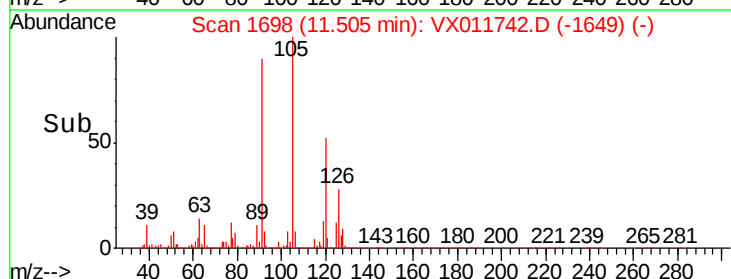
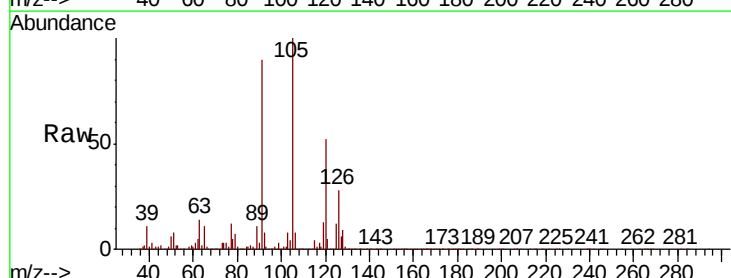
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

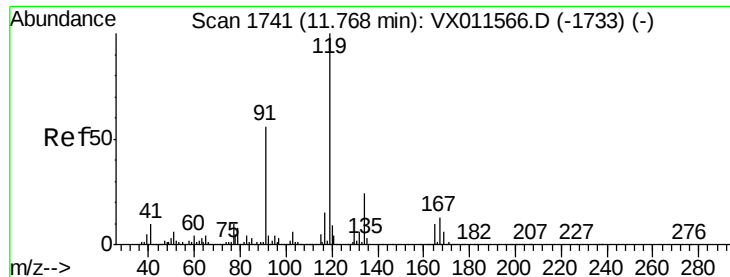
Tgt Ion: 75 Resp: 25137
Ion Ratio Lower Upper
75 100
53 112.6 77.4 116.0
89 51.8 37.3 55.9



#82
4-Chlorotoluene
Concen: 21.188 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion: 91 Resp: 239354
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1

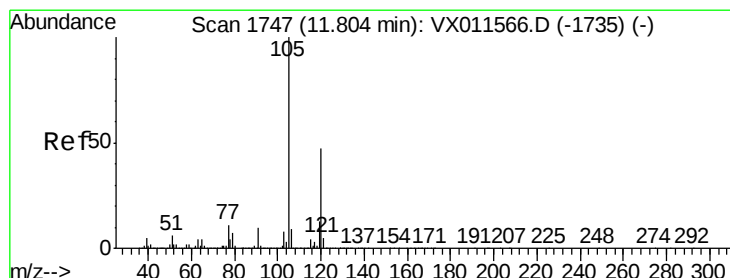
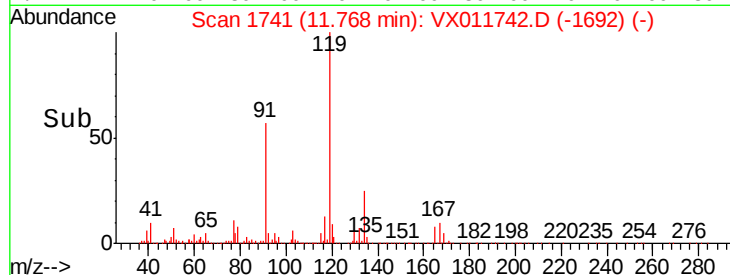
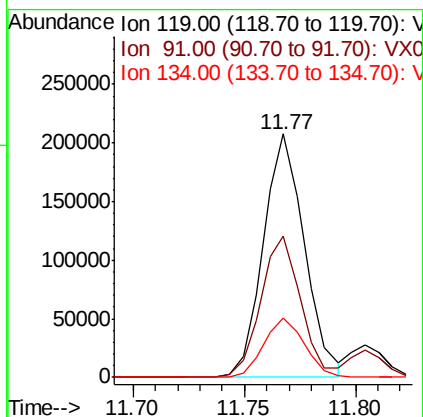
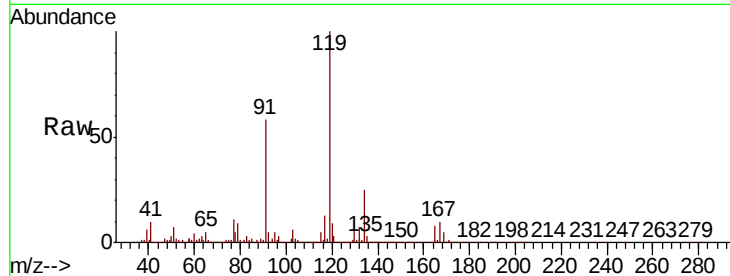




#83
 tert-Butylbenzene
 Concen: 21.147 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

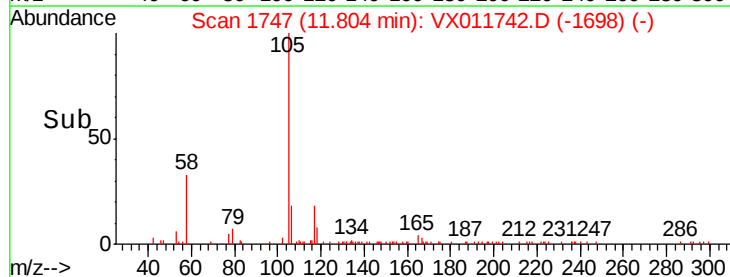
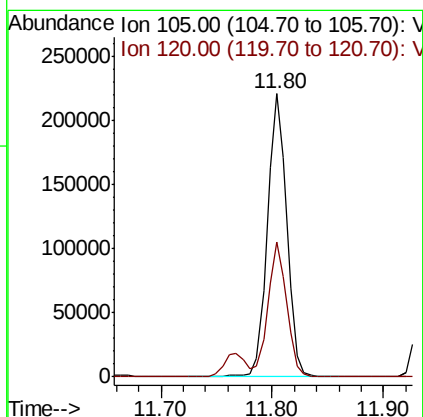
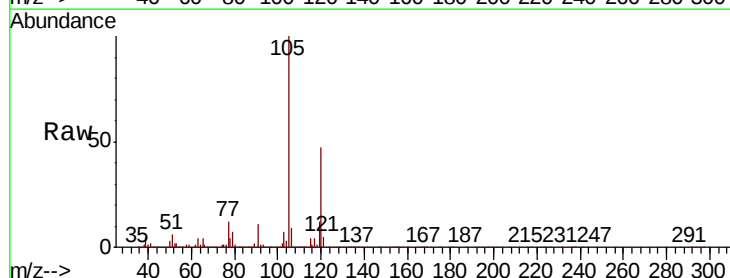
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0821WBSD02

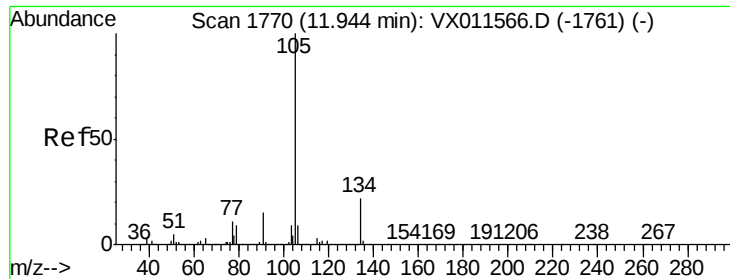
Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.7	27.1	81.3
134	24.3	11.8	35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.661 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.3	69.9

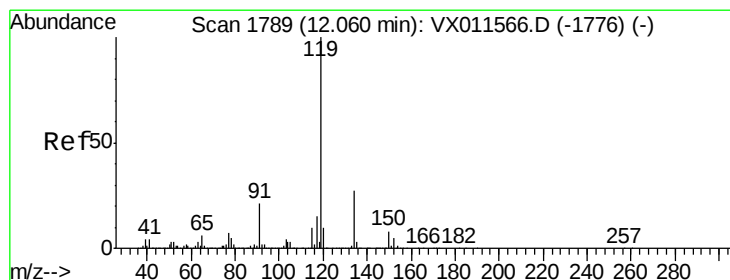
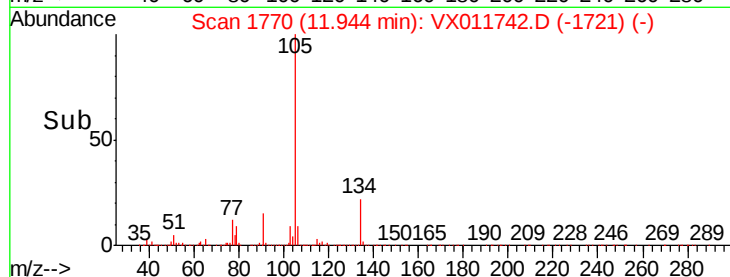
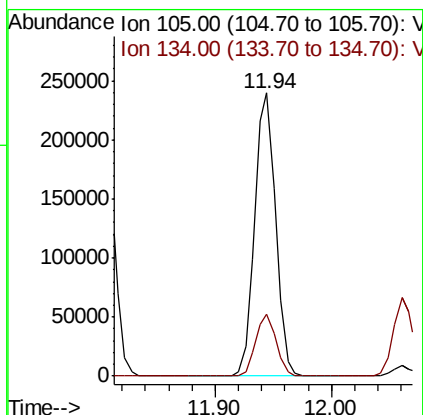
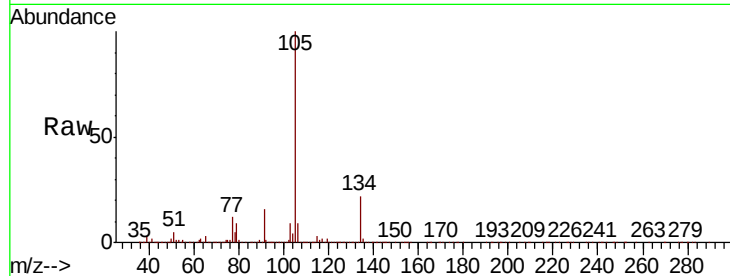




#85
 sec-Butylbenzene
 Concen: 21.204 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

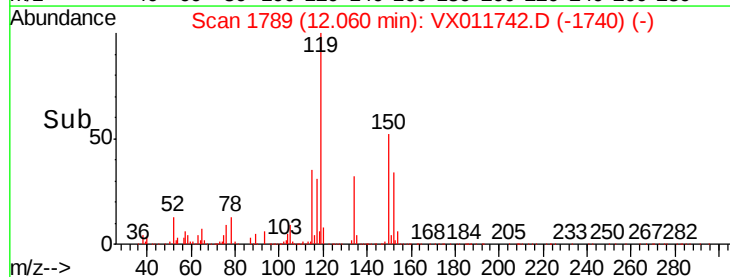
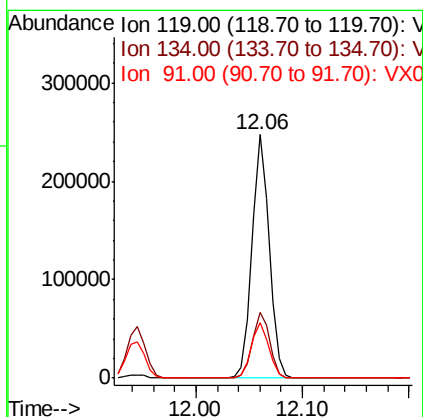
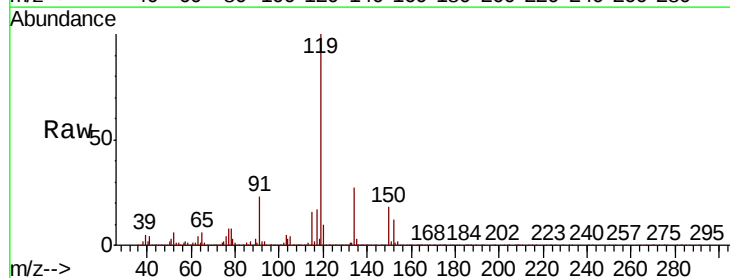
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

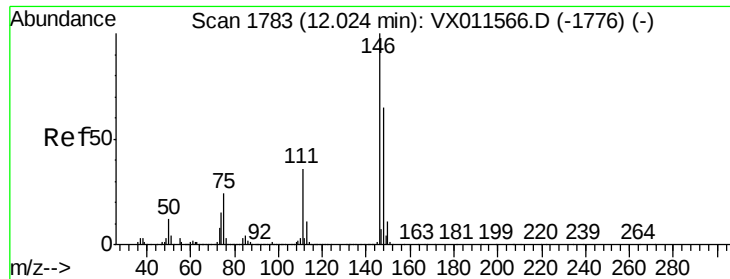
Tgt Ion:105 Resp: 300992
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 21.127 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion:119 Resp: 282141
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.8
 91 23.1 10.9 32.9

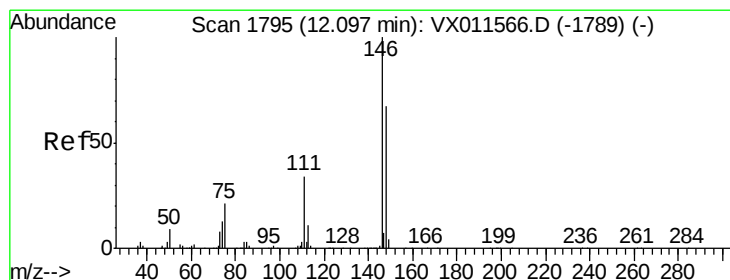
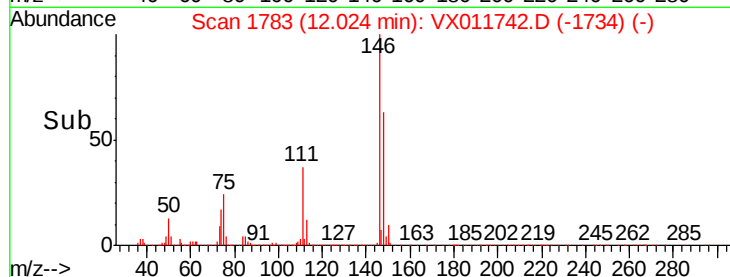
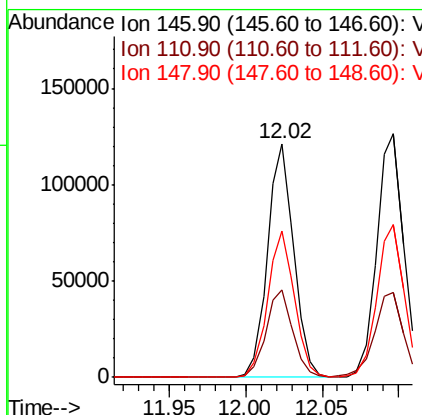
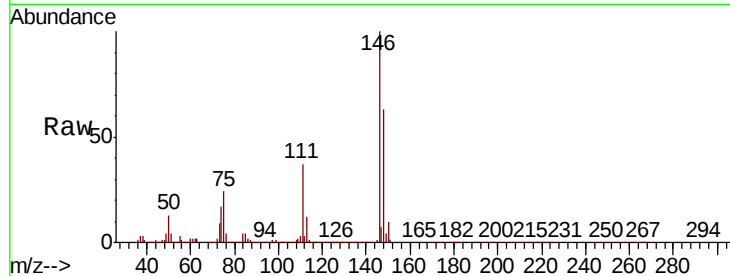




#87
 1,3-Dichlorobenzene
 Concen: 19.386 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

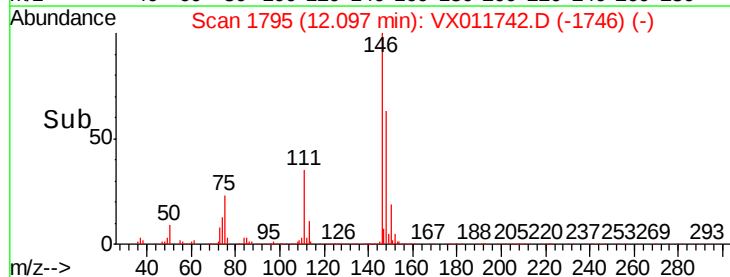
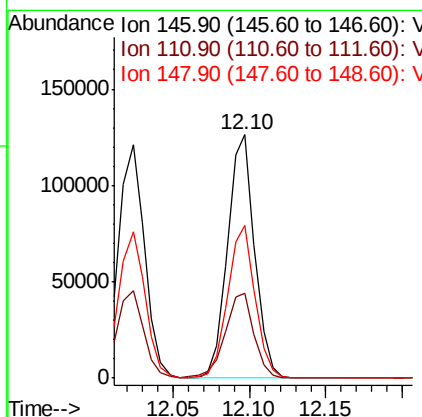
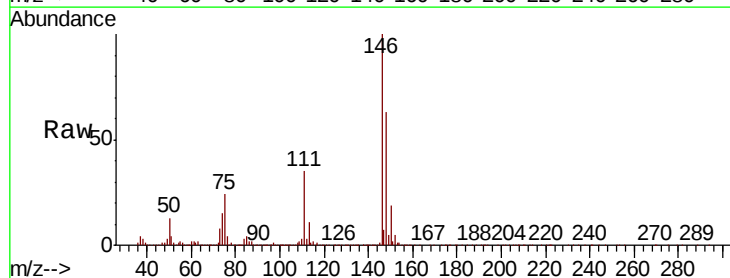
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

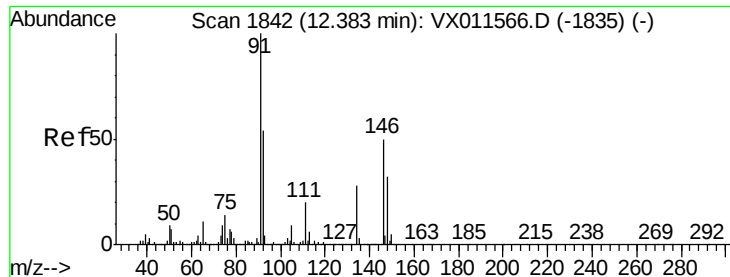
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.4
148	63.8	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.162 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	17.9	53.7
148	63.5	32.5	97.5

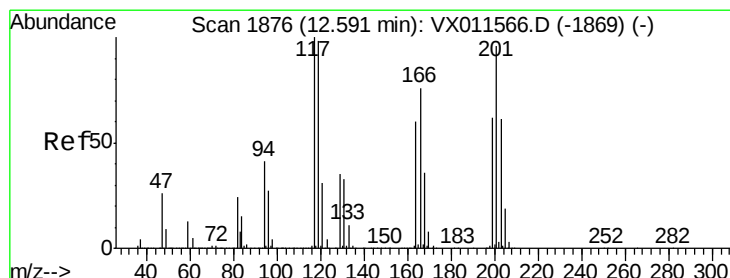
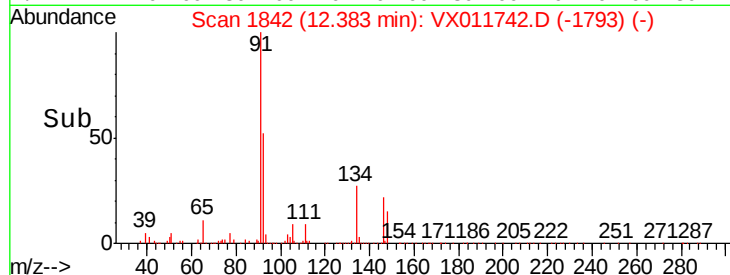
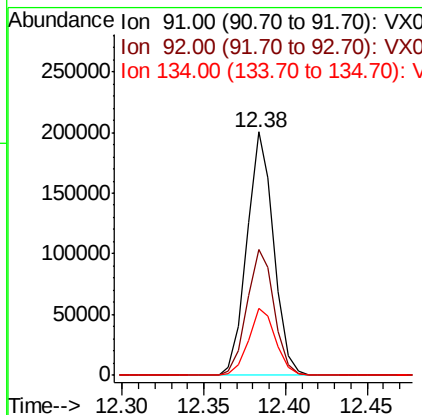
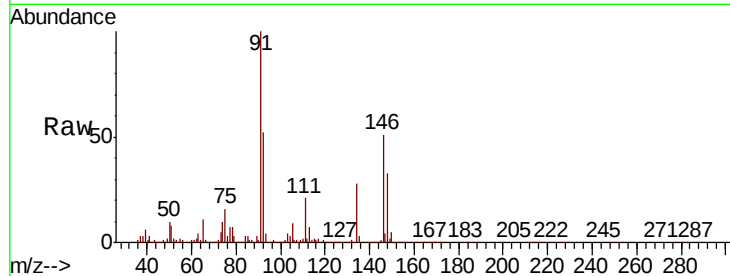




#89
n-Butylbenzene
Concen: 20.809 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

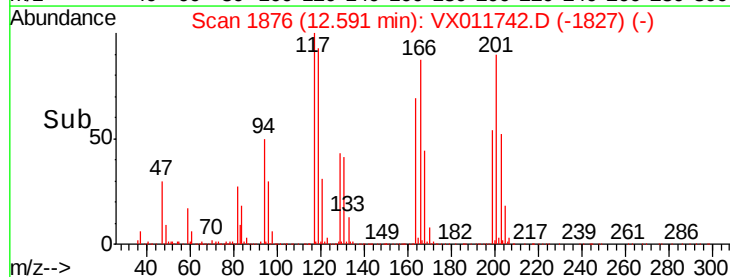
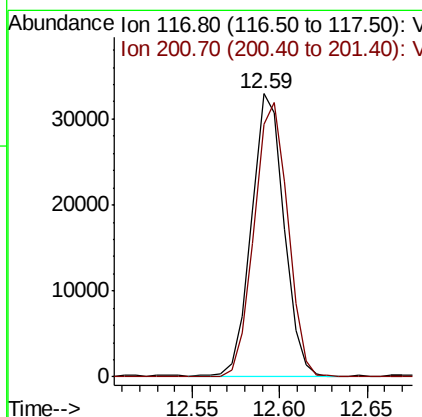
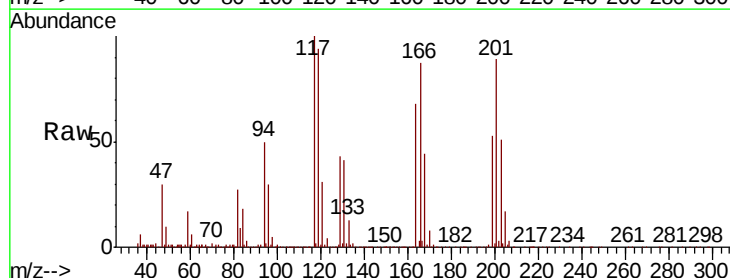
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

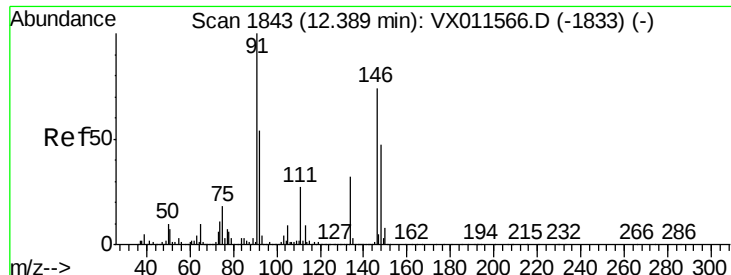
Tgt Ion: 91 Resp: 228468
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.3
134 27.9 14.6 44.0



#90
Hexachloroethane
Concen: 20.076 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion: 117 Resp: 42338
Ion Ratio Lower Upper
117 100
201 101.1 51.9 155.7

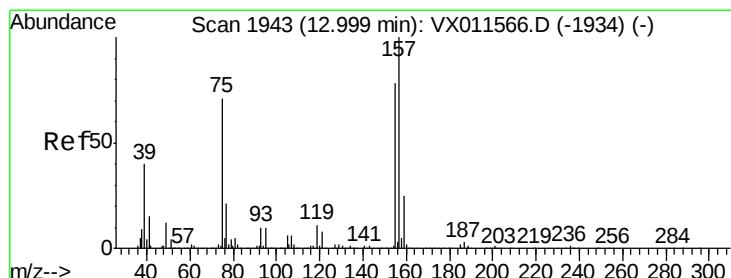
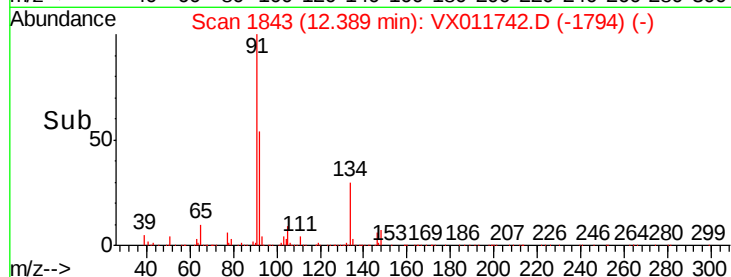
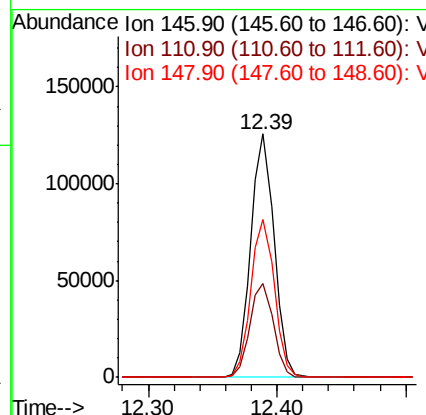
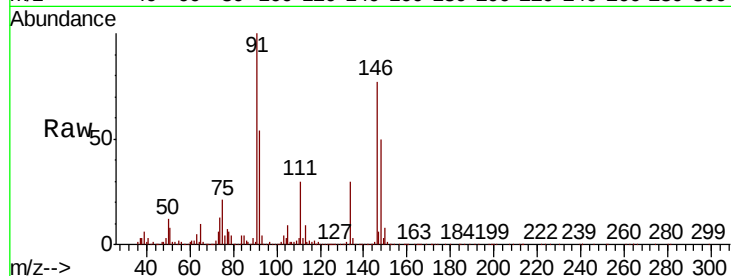




#91
 1,2-Dichlorobenzene
 Concen: 20.797 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

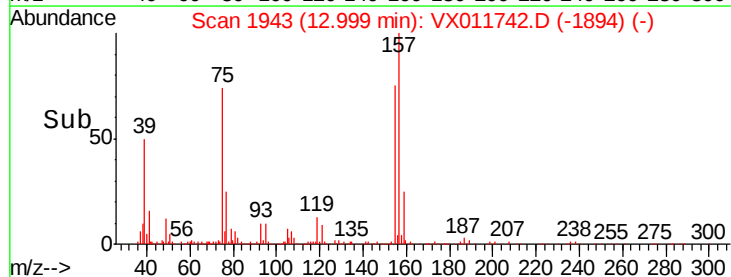
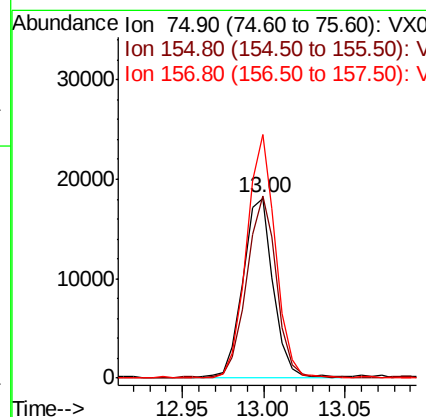
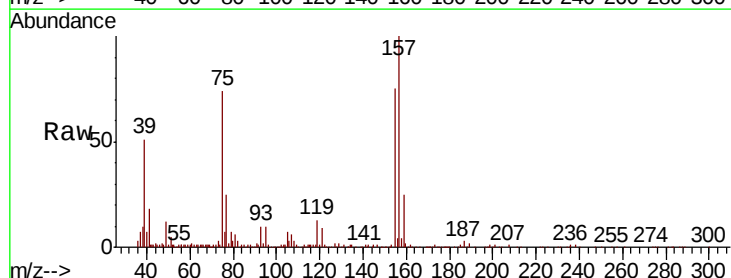
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

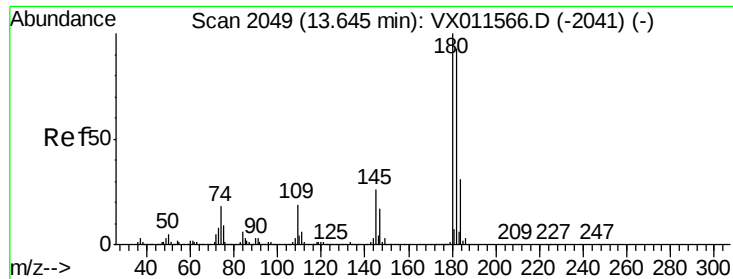
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.7
148	64.7	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.314 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.1	53.0	159.0
157	128.0	68.3	205.1

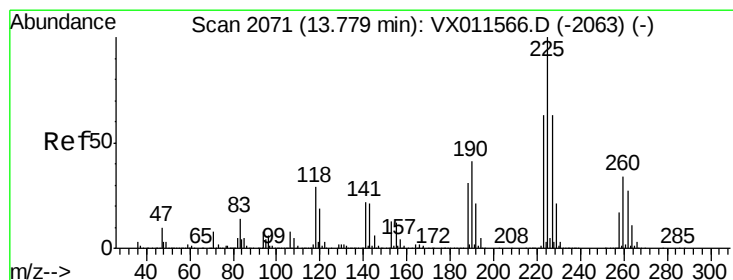
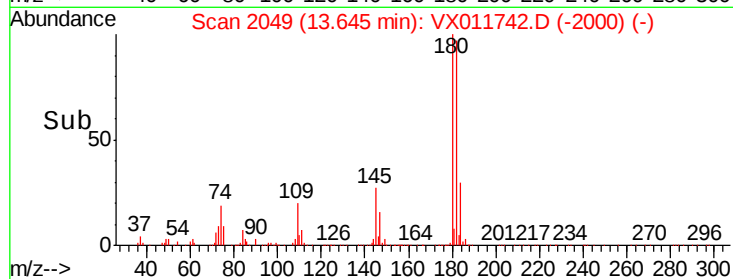
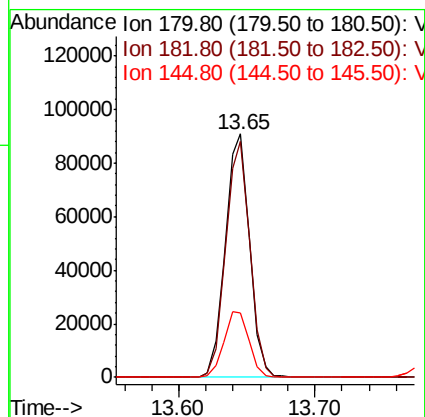
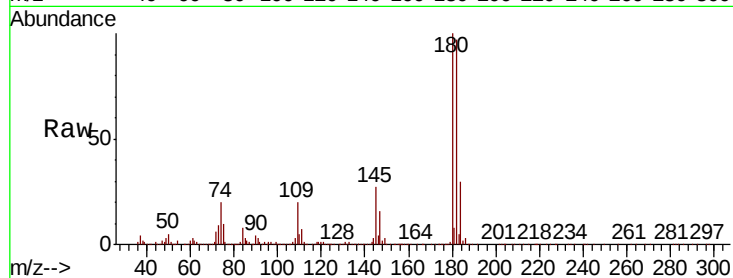




#93
 1,2,4-Trichlorobenzene
 Concen: 19.967 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

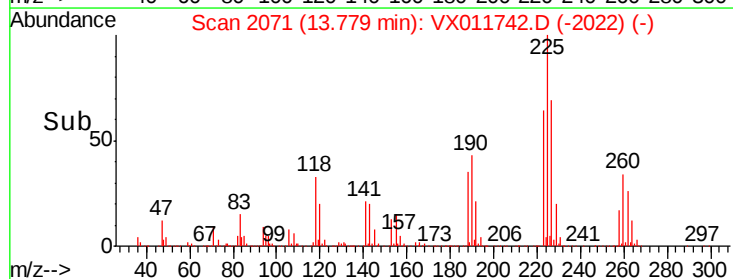
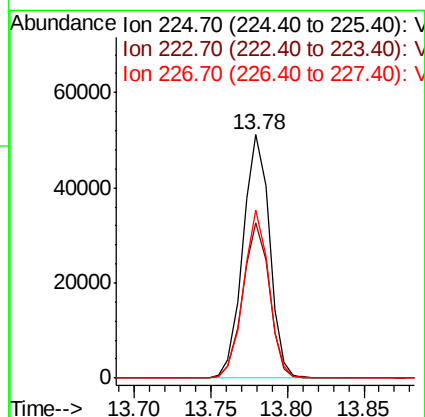
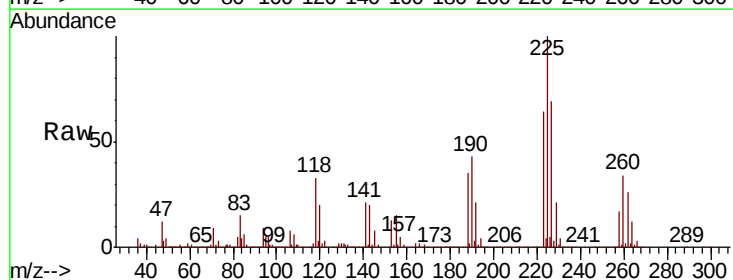
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

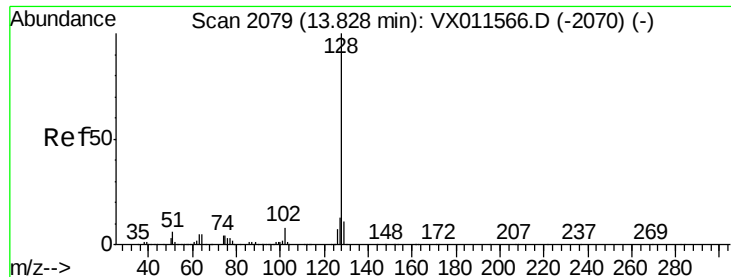
Tgt Ion:180 Resp: 112314
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.3 142.0
 145 28.1 13.6 40.8



#94
 Hexachlorobutadiene
 Concen: 20.152 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion:225 Resp: 61723
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.4 94.0
 227 66.4 31.2 93.6

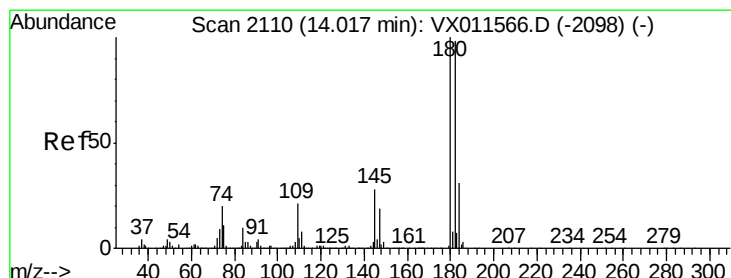
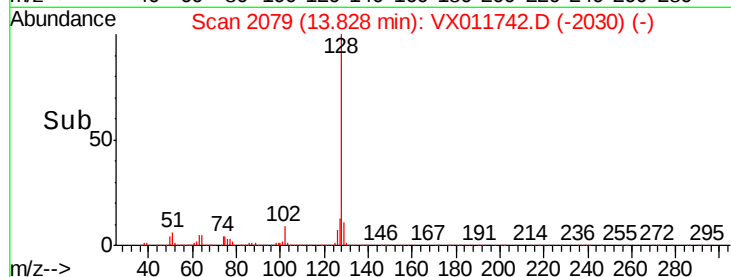
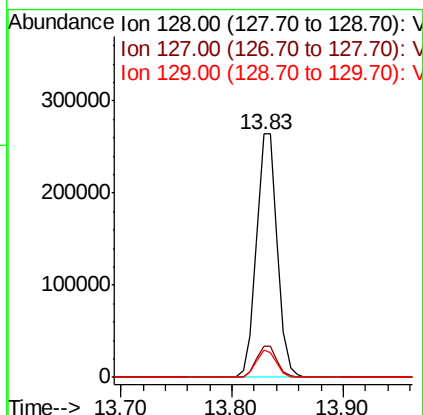
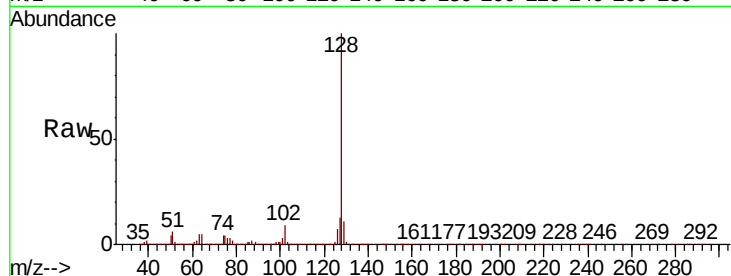




#95
Naphthalene
Concen: 21.694 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tgt Ion:128 Resp: 344981
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.869 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion:180 Resp: 112724
Ion Ratio Lower Upper
180 100
182 94.9 48.0 144.0
145 31.1 14.6 43.8

