

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008288.D
 Acq On : 21 Mar 2019 14:08
 Operator : JC/SP
 Sample : VX0321WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD01

Quant Time: Mar 22 08:42:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	423105	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	374181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171999	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	191921	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
35) Dibromofluoromethane	5.50	113	148002	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
50) Toluene-d8	8.71	98	553955	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.13	95	194766	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	59935	19.243	ug/l	99
3) Chloromethane	1.33	50	64201	16.427	ug/l	100
4) Vinyl Chloride	1.41	62	67342	17.282	ug/l	98
5) Bromomethane	1.64	94	60763	18.306	ug/l	99
6) Chloroethane	1.73	64	44981	18.411	ug/l	99
7) Trichlorofluoromethane	1.93	101	91263	18.352	ug/l	100
8) Diethyl Ether	2.19	74	51185	20.005	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	65482	19.833	ug/l	92
10) Methyl Iodide	2.51	142	84687	20.144	ug/l	97
11) Tert butyl alcohol	3.04	59	84749	102.318	ug/l	99
12) 1,1-Dichloroethene	2.38	96	63672	20.427	ug/l	98
13) Acrolein	2.29	56	84000	139.407	ug/l	99
14) Allyl chloride	2.73	41	133782	19.716	ug/l	93
15) Acrylonitrile	3.14	53	221093	100.917	ug/l	99
16) Acetone	2.45	43	205650	93.714	ug/l	98
17) Carbon Disulfide	2.57	76	195409	19.621	ug/l	100
18) Methyl Acetate	2.78	43	109498	21.553	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	232965	20.670	ug/l	97
20) Methylene Chloride	2.86	84	71898	19.648	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	66107	19.631	ug/l	97
22) Diisopropyl ether	3.85	45	269921	20.311	ug/l	# 76
23) Vinyl Acetate	3.82	43	1174050	103.043	ug/l	99
24) 1,1-Dichloroethane	3.70	63	136582	19.982	ug/l	99
25) 2-Butanone	4.68	43	323640	99.910	ug/l	100
26) 2,2-Dichloropropane	4.59	77	92700	18.003	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	77019	20.063	ug/l	93
28) Bromochloromethane	5.02	49	56518	18.414	ug/l	87
29) Tetrahydrofuran	5.13	42	211603	104.496	ug/l	99
30) Chloroform	5.21	83	130567	20.421	ug/l	97
31) Cyclohexane	5.58	56	126627	19.729	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	107937	20.294	ug/l	94
36) 1,1-Dichloropropene	5.80	75	96601	19.610	ug/l	97
37) Ethyl Acetate	4.84	43	122464	21.031	ug/l	99
38) Carbon Tetrachloride	5.79	117	92289	21.027	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	119000	20.074	ug/l	96
40) Benzene	6.15	78	296425	20.331	ug/l	99
41) Methacrylonitrile	5.05	41	67866	20.777	ug/l	98
42) 1,2-Dichloroethane	6.20	62	108983	20.405	ug/l	94
43) Isopropyl Acetate	6.45	43	196314	21.033	ug/l	97
44) Trichloroethene	7.21	130	70770	19.851	ug/l	92
45) 1,2-Dichloropropane	7.51	63	82387	20.185	ug/l	99
46) Dibromomethane	7.66	93	50395	20.393	ug/l	87
47) Bromodichloromethane	7.90	83	100479	21.335	ug/l	99
48) Methyl methacrylate	7.77	41	102465	20.646	ug/l	93
49) 1,4-Dioxane	7.74	88	37006	422.545	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	645377	106.953	ug/l	98
52) Toluene	8.79	92	175953	20.342	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	105904	18.867	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	118158	20.215	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	74559	21.334	ug/l	96
56) Ethyl methacrylate	9.18	69	122580	20.312	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	128964	20.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	269272	94.039	ug/l	94
59) 2-Hexanone	9.49	43	495529	106.666	ug/l	96
60) Dibromochloromethane	9.58	129	76580	22.801	ug/l	100
61) 1,2-Dibromoethane	9.67	107	76215	20.886	ug/l	99
64) Tetrachloroethene	9.34	164	65359	19.361	ug/l	96
65) Chlorobenzene	10.14	112	186796	20.288	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	67529	21.036	ug/l	97
67) Ethyl Benzene	10.25	91	330355	20.361	ug/l	99
68) m/p-Xylenes	10.36	106	246659	41.386	ug/l	95
69) o-Xylene	10.70	106	121035	20.899	ug/l	96
70) Styrene	10.71	104	195787	20.802	ug/l	96
71) Bromoform	10.85	173	56747	21.815	ug/l #	99
73) Isopropylbenzene	11.02	105	322647	21.045	ug/l	98
74) N-amyl acetate	10.90	43	168485	20.976	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	118601	21.574	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	135651	28.041	ug/l	91
77) Bromobenzene	11.26	156	76740	20.702	ug/l	86
78) n-propylbenzene	11.36	91	369874	20.772	ug/l	96
79) 2-Chlorotoluene	11.42	91	220854	20.664	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	261701	20.662	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	34415	19.051	ug/l	89
82) 4-Chlorotoluene	11.51	91	250193	20.117	ug/l	96
83) tert-Butylbenzene	11.77	119	256393	21.202	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	269692	21.003	ug/l	97
85) sec-Butylbenzene	11.94	105	313615	20.942	ug/l	97
86) p-Isopropyltoluene	12.06	119	269479	20.789	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	136242	20.566	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	136228	19.881	ug/l	98
89) n-Butylbenzene	12.38	91	244053	20.060	ug/l	96
90) Hexachloroethane	12.60	117	48640	22.032	ug/l	85
91) 1,2-Dichlorobenzene	12.39	146	137022	20.514	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26122	21.393	ug/l	78

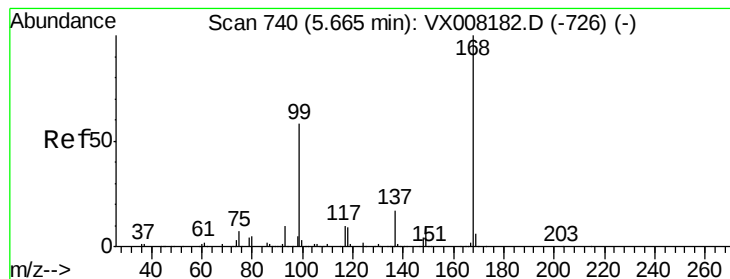
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	87044	19.784	ug/l	99
94) Hexachlorobutadiene	13.78	225	44342	20.665	ug/l	98
95) Naphthalene	13.83	128	288142	20.750	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	87317	20.169	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

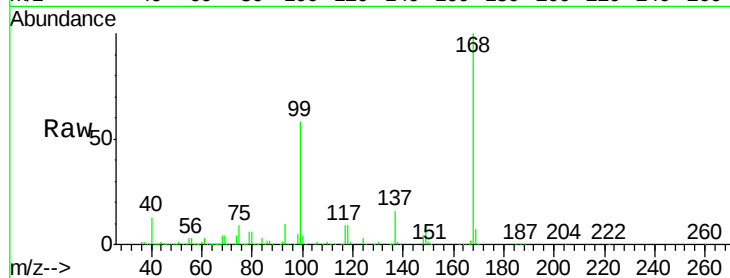
VX0321WBSD01

Tot Ion:168 Resp: 256901

Ion Ratio Lower Upper

168 100

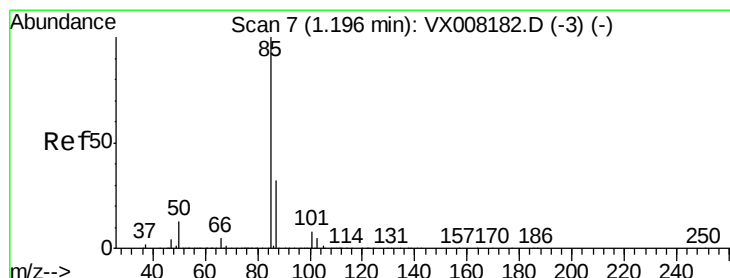
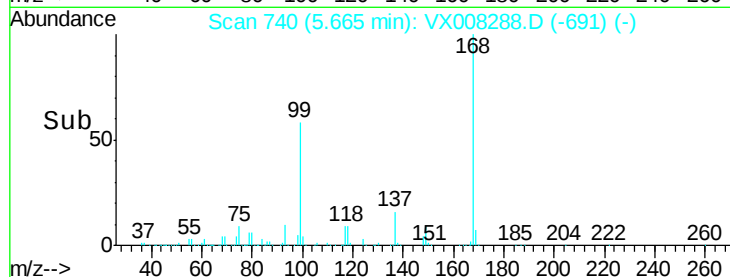
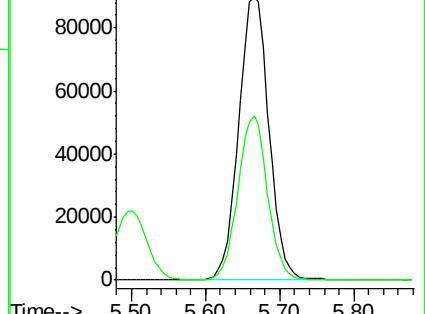
99 57.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67



#2

Dichlorodifluoromethane

Concen: 19.243 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008288.D

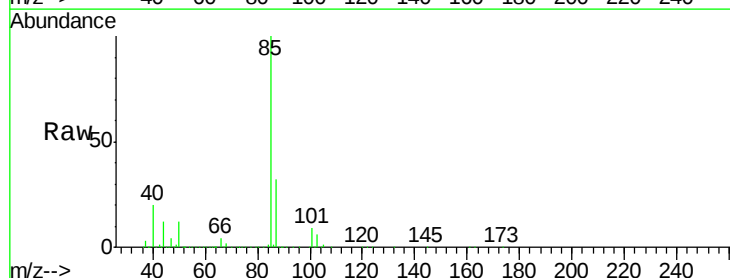
Acq: 21 Mar 2019 14:08

Tgt Ion: 85 Resp: 59935

Ion Ratio Lower Upper

85 100

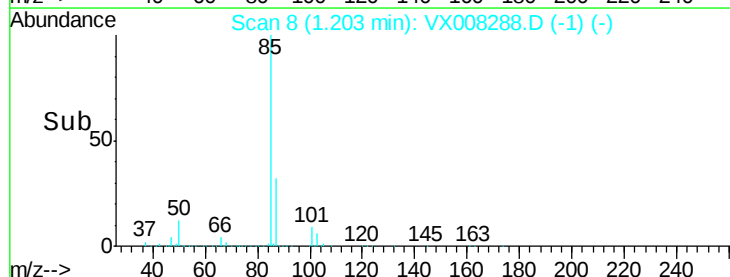
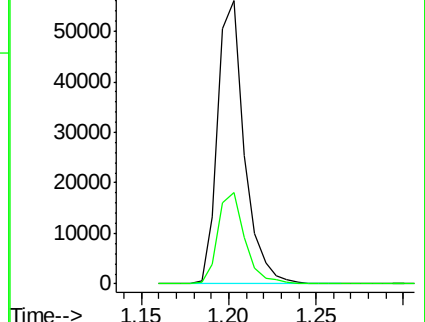
87 32.2 16.4 49.1

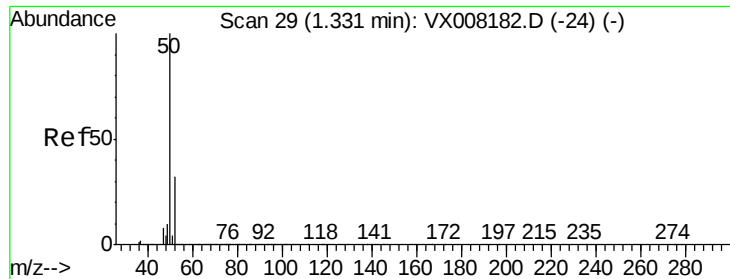


Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

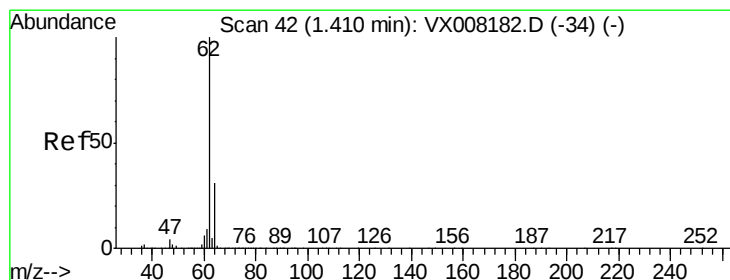
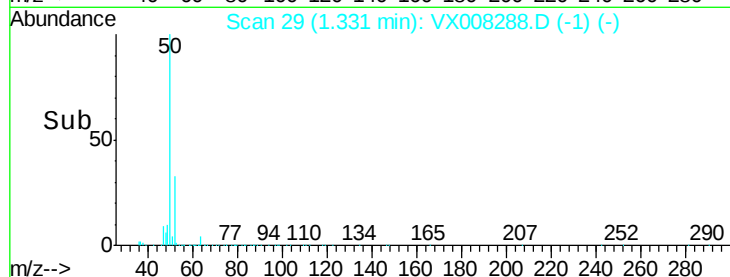
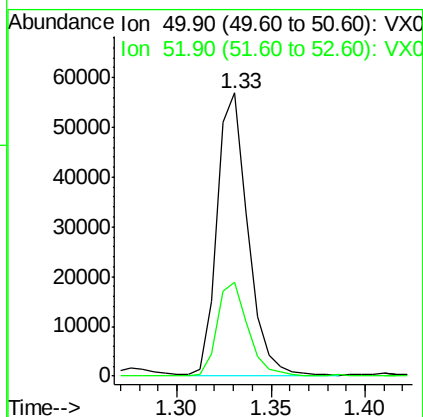
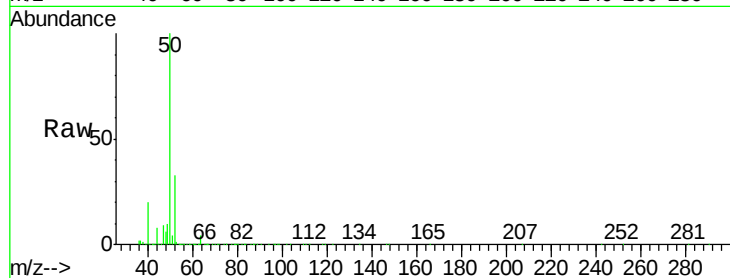




#3
Chloromethane
Concen: 16.427 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

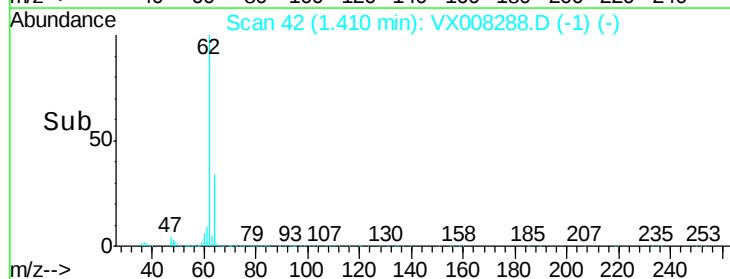
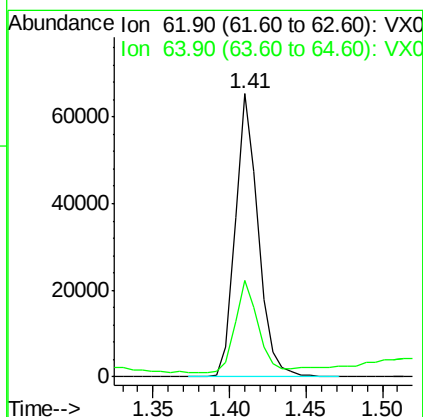
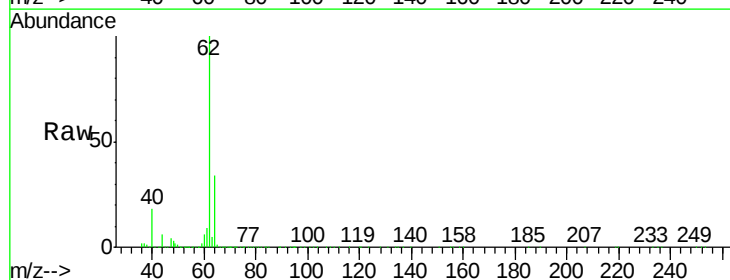
Instrument :
MSVOA_X
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VX0321WBSD01

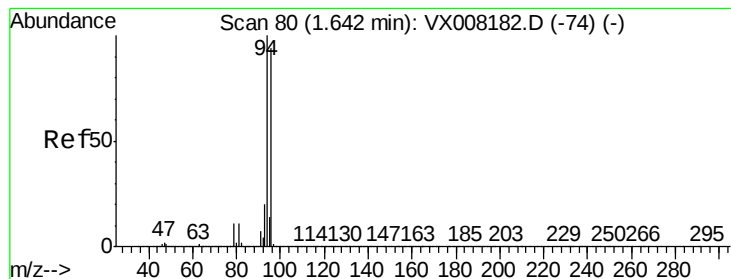
Tot Ion: 50 Resp: 64201
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7



#4
Vinyl Chloride
Concen: 17.282 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

Tgt Ion: 62 Resp: 67342
Ion Ratio Lower Upper
62 100
64 32.8 25.3 37.9





#5

Bromomethane

Concen: 18.306 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

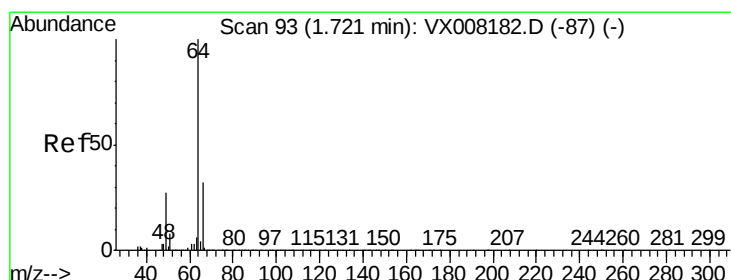
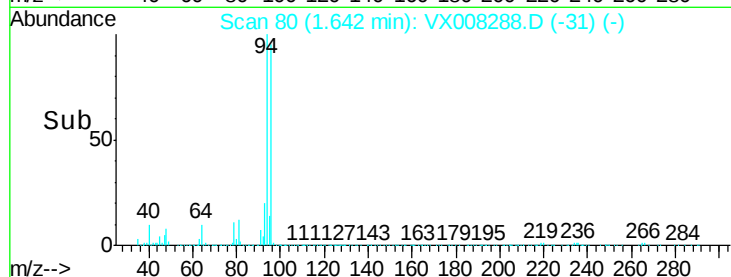
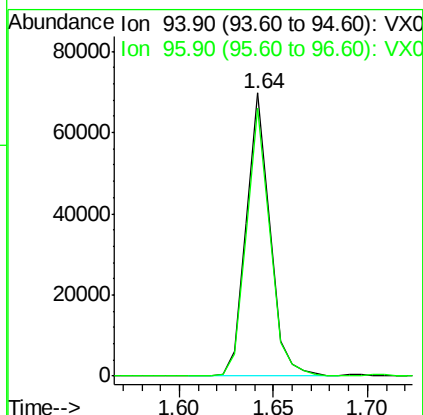
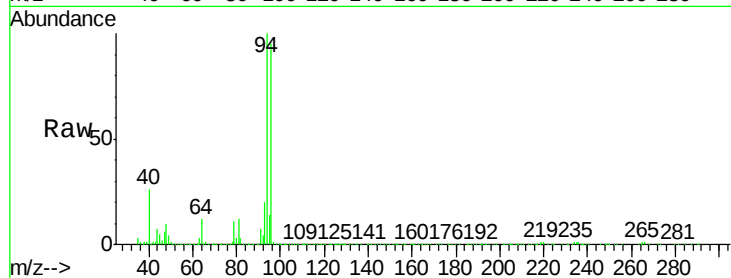
VX0321WBSD01

Tot Ion: 94 Resp: 60763

Ion Ratio Lower Upper

94 100

96 94.9 75.5 113.3



#6

Chloroethane

Concen: 18.411 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008288.D

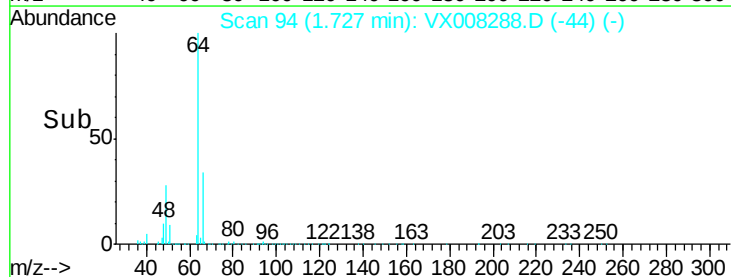
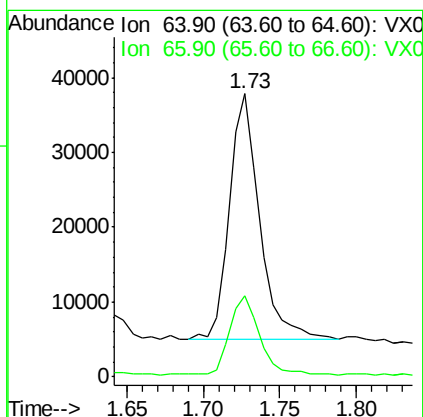
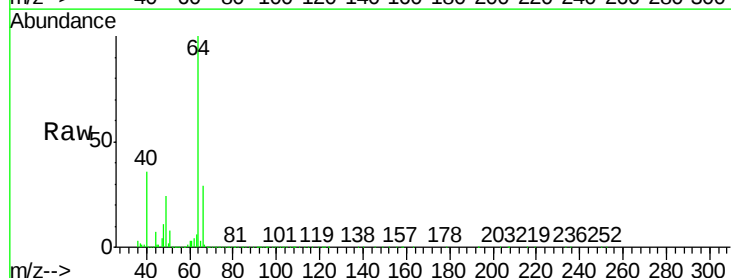
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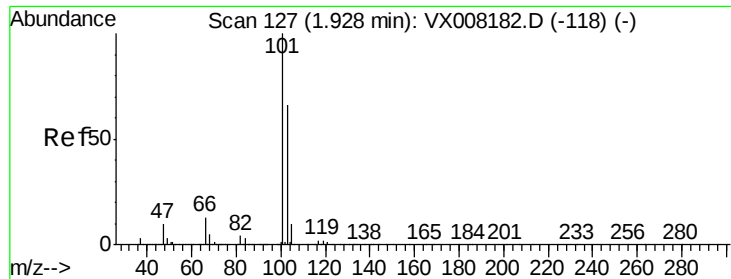
Tgt Ion: 64 Resp: 44981

Ion Ratio Lower Upper

64 100

66 32.0 25.2 37.8



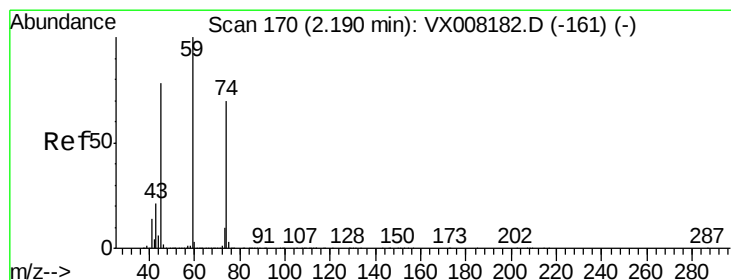
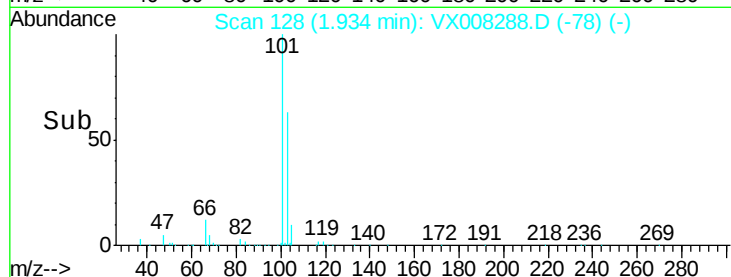
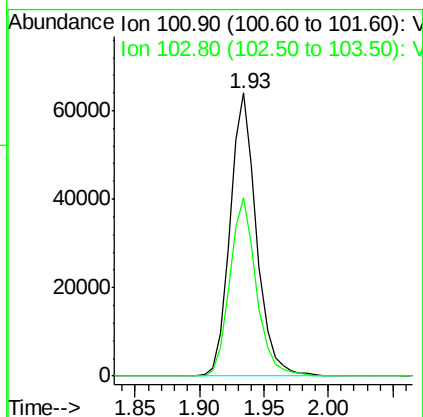
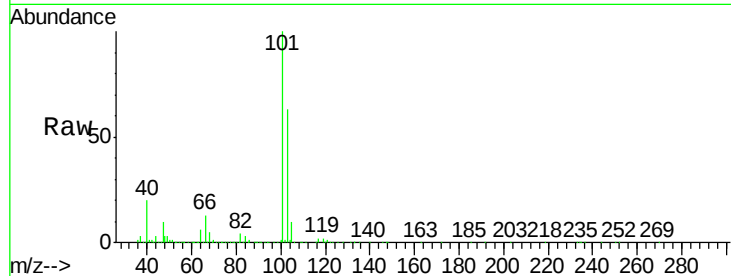


#7

Trichlorofluoromethane
 Concen: 18.352 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX008288.D
 Acq: 21 Mar 2019 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD01

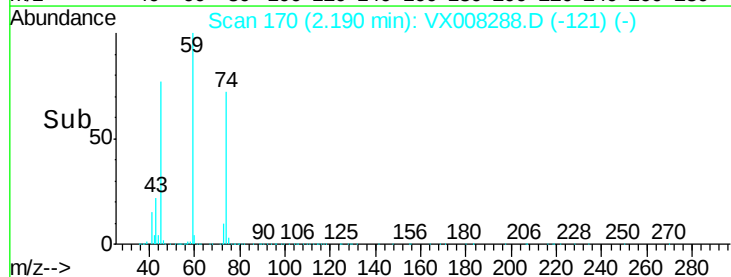
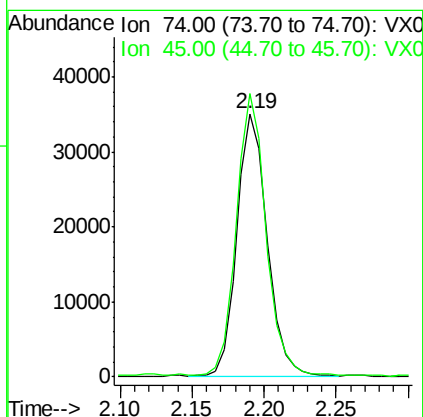
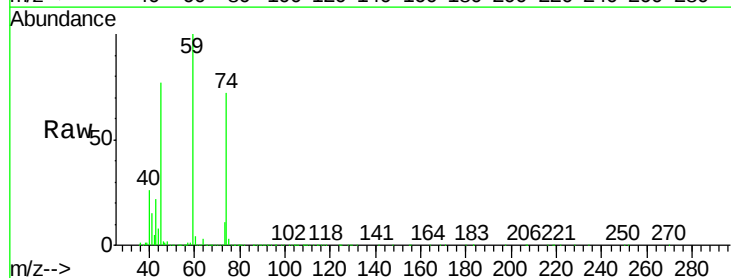
Tot Ion:101 Resp: 91263
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.4 75.6

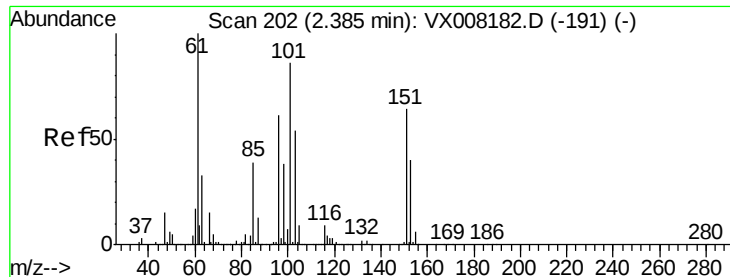


#8

Diethyl Ether
 Concen: 20.005 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008288.D
 Acq: 21 Mar 2019 14:08

Tgt Ion: 74 Resp: 51185
 Ion Ratio Lower Upper
 74 100
 45 104.9 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.833 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD01

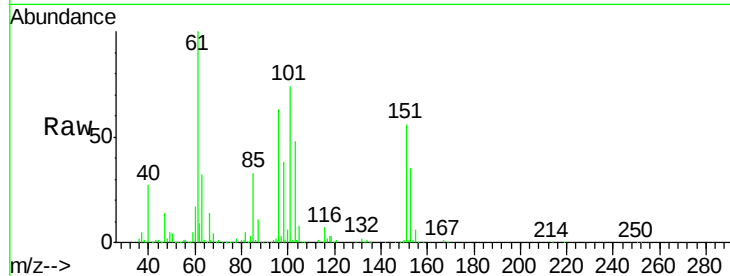
Tot Ion:101 Resp: 65482

Ion Ratio Lower Upper

101 100

85 44.9 33.8 50.6

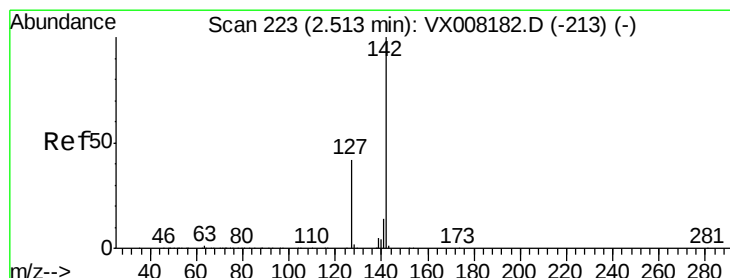
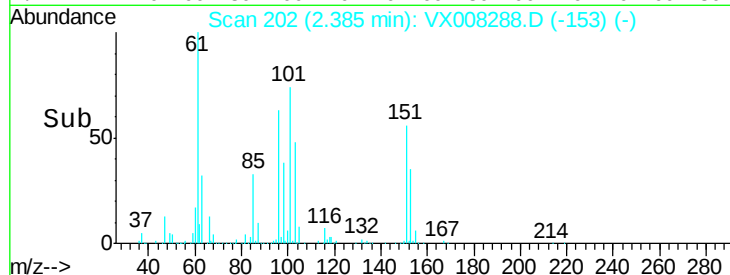
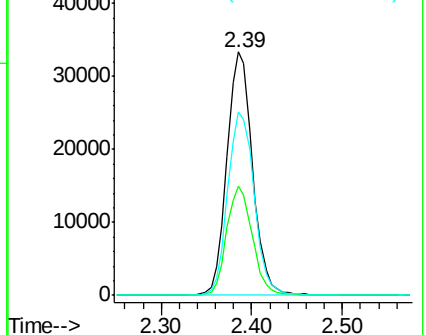
151 77.9 69.1 103.7



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: 20.144 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

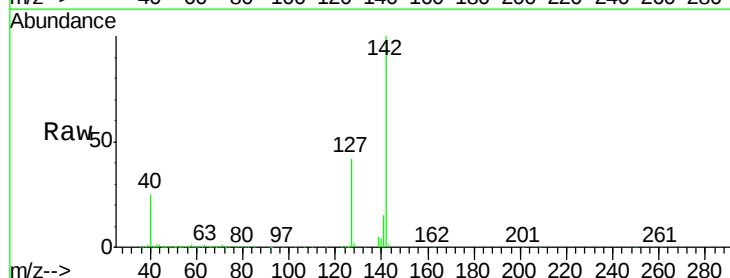
Tgt Ion:142 Resp: 84687

Ion Ratio Lower Upper

142 100

127 42.2 32.1 48.1

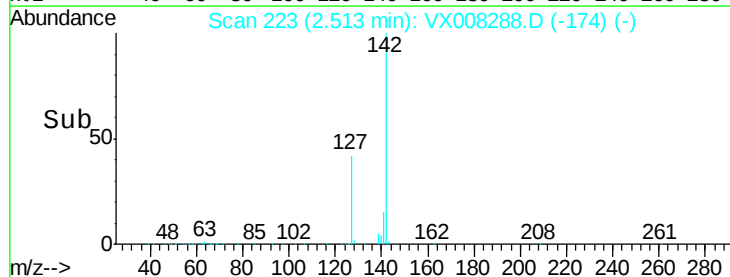
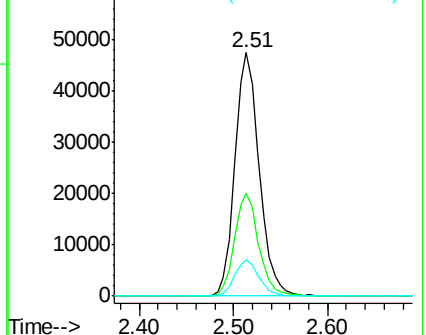
141 15.0 11.4 17.2

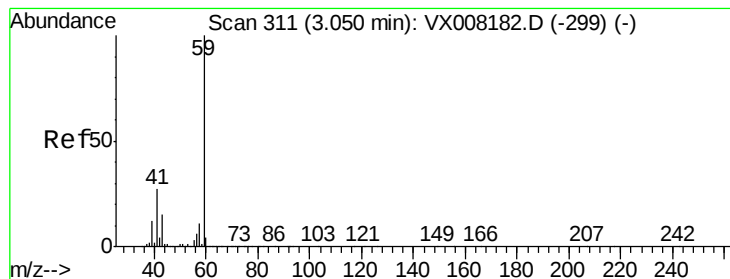


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



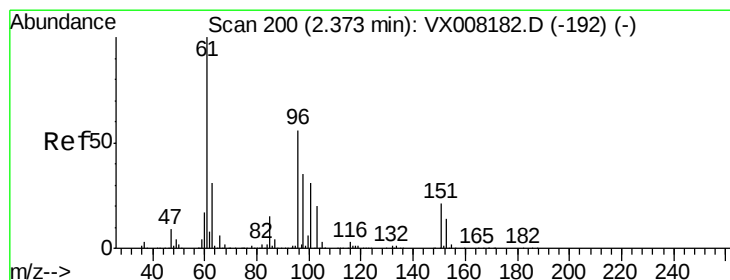
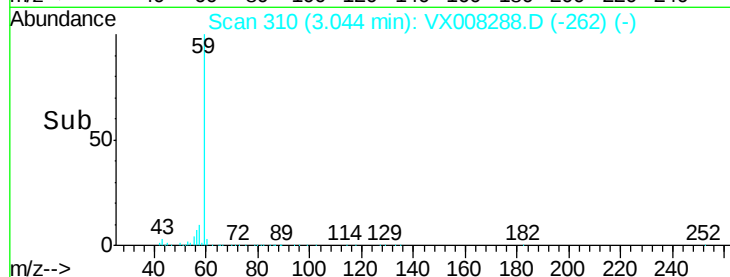
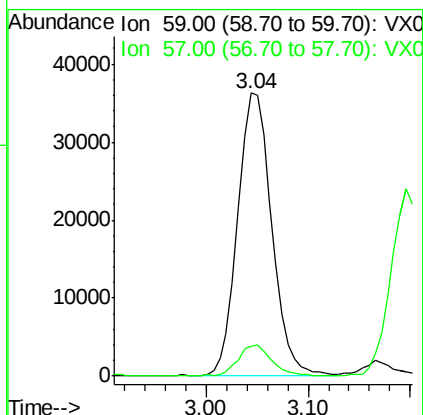
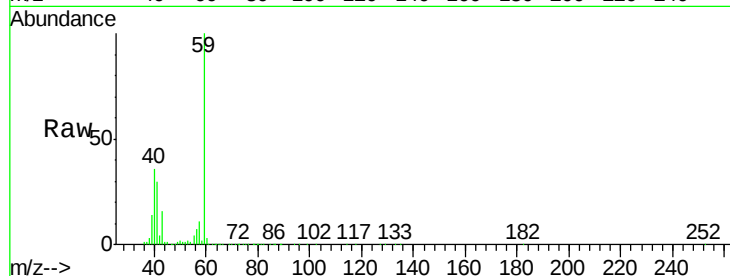


#11

Tert butyl alcohol
 Concen: 102.318 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008288.D
 Acq: 21 Mar 2019 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD01

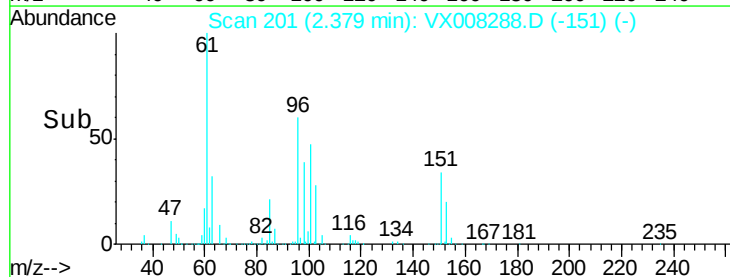
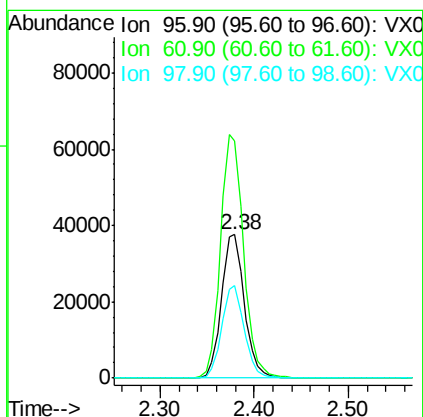
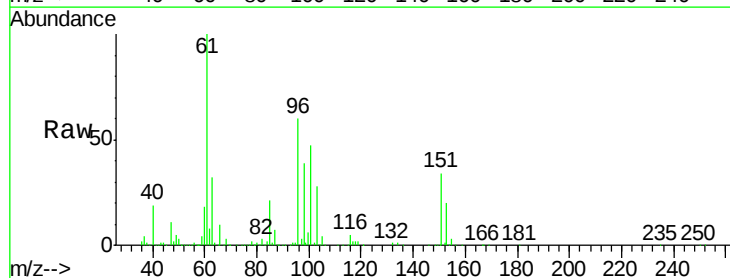
Tot Ion: 59 Resp: 84749
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

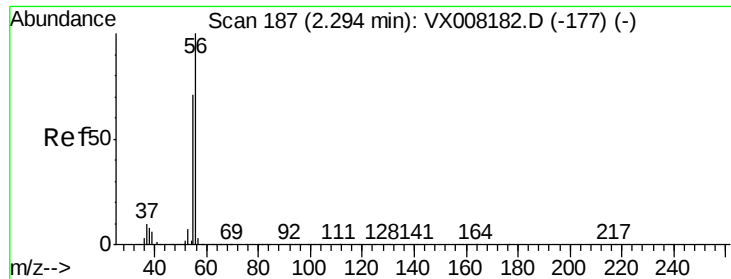


#12

1,1-Dichloroethene
 Concen: 20.427 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX008288.D
 Acq: 21 Mar 2019 14:08

Tgt Ion: 96 Resp: 63672
 Ion Ratio Lower Upper
 96 100
 61 165.3 129.8 194.6
 98 64.7 51.0 76.6





#13

Acrolein

Concen: 139.407 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

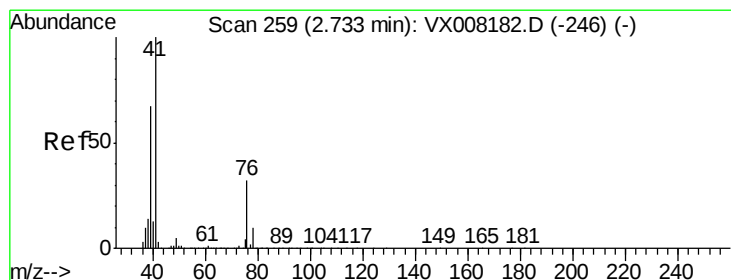
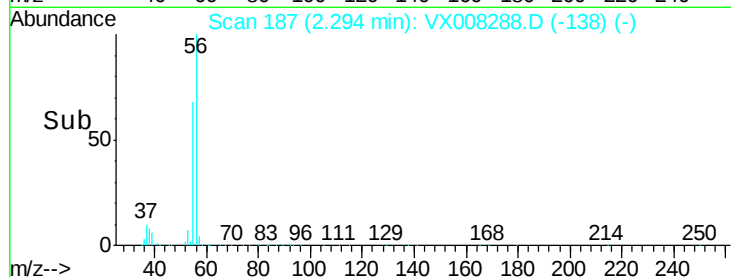
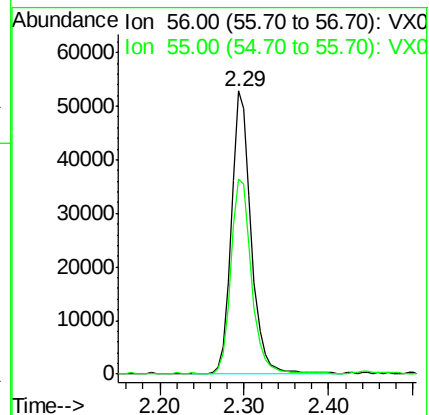
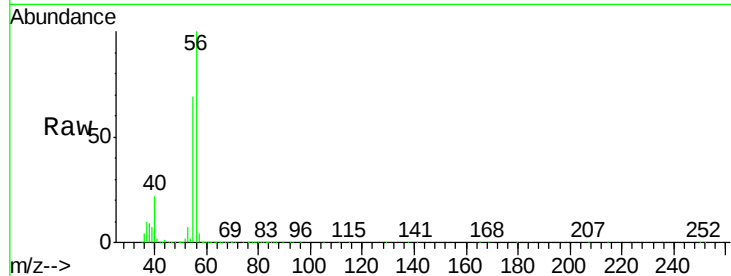
VX0321WBSD01

Tot Ion: 56 Resp: 84000

Ion Ratio Lower Upper

56 100

55 71.5 57.8 86.6



#14

Allyl chloride

Concen: 19.716 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

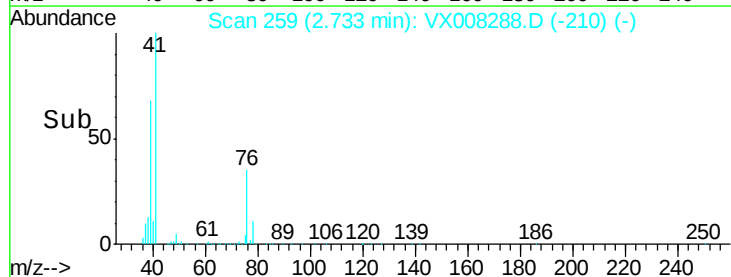
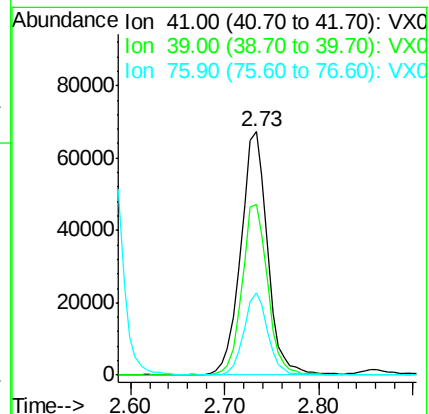
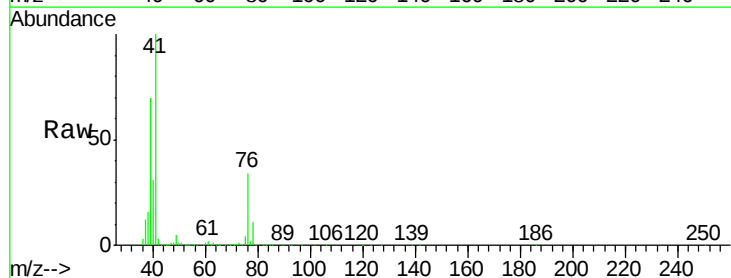
Tgt Ion: 41 Resp: 133782

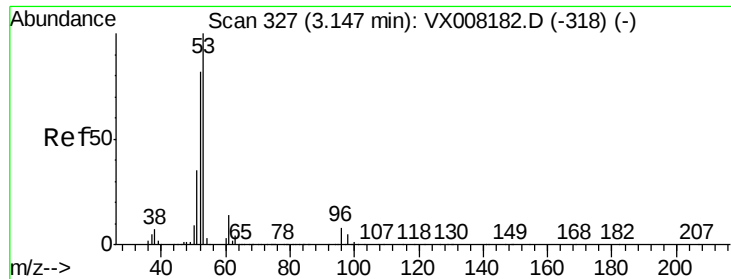
Ion Ratio Lower Upper

41 100

39 65.8 46.1 69.1

76 29.7 24.0 36.0





#15

Acrylonitrile

Concen: 100.917 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD01

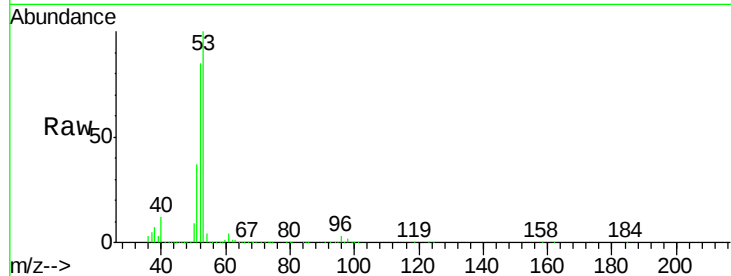
Tot Ion: 53 Resp: 221093

Ion Ratio Lower Upper

53 100

52 83.5 66.0 99.0

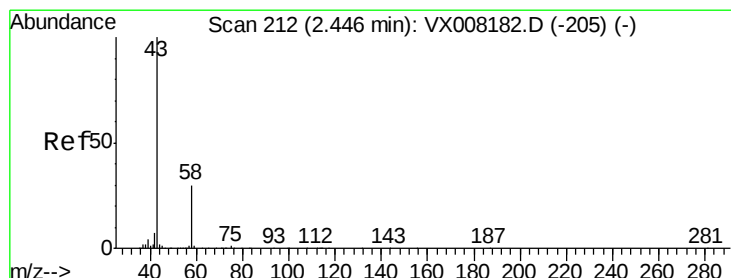
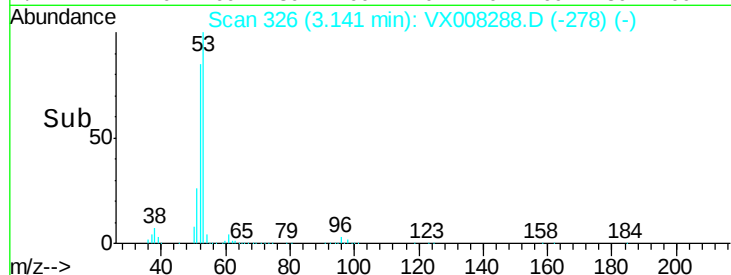
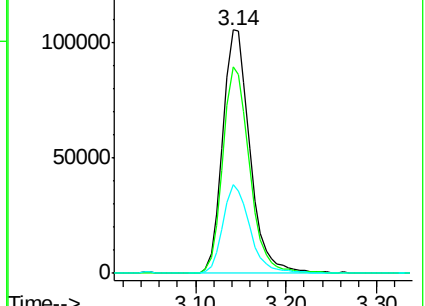
51 36.0 28.0 42.0



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: 93.714 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008288.D

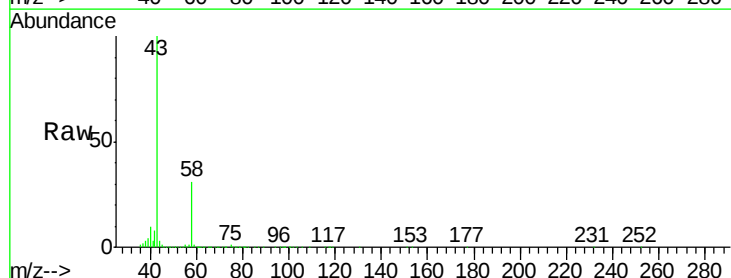
Acq: 21 Mar 2019 14:08

Tgt Ion: 43 Resp: 205650

Ion Ratio Lower Upper

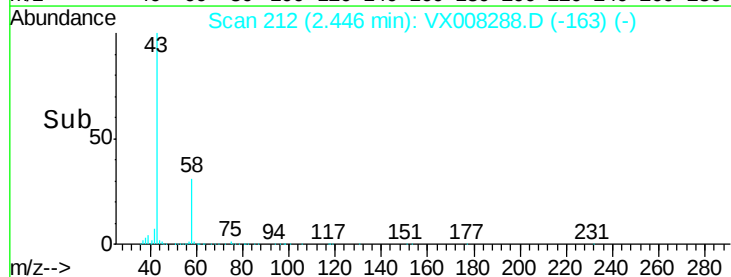
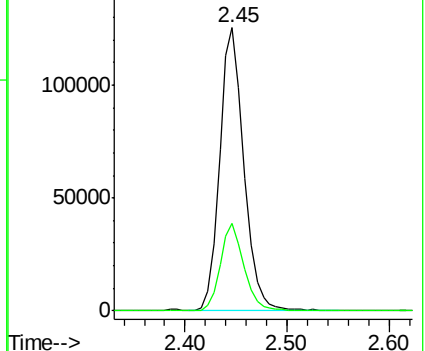
43 100

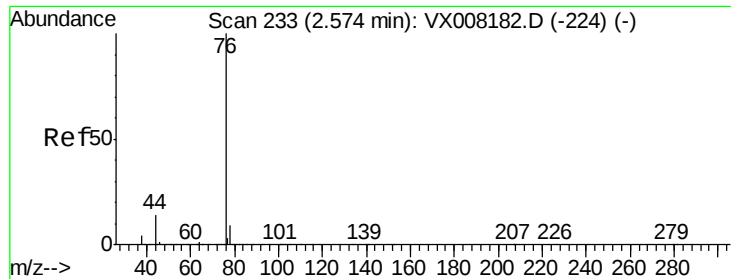
58 30.9 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

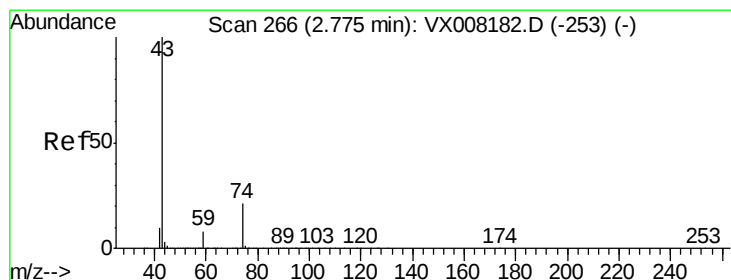
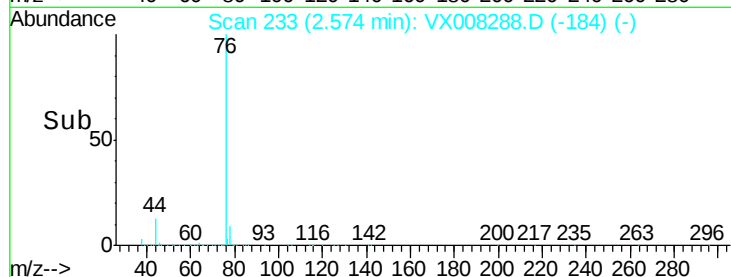
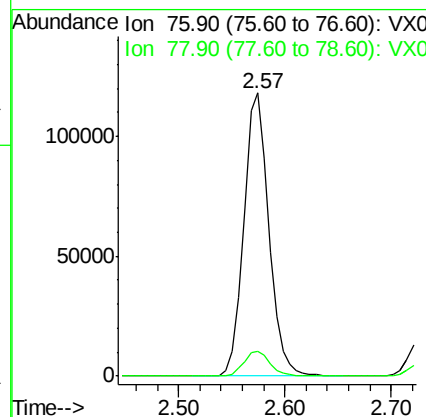
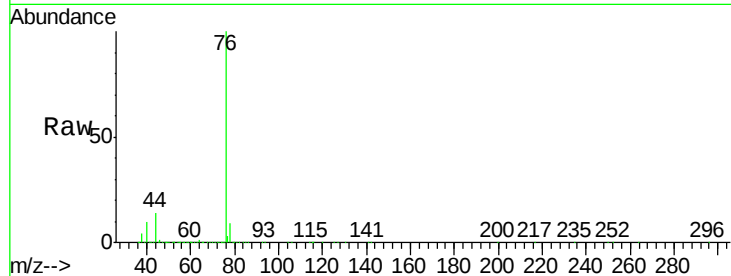




#17
Carbon Disulfide
Concen: 19.621 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

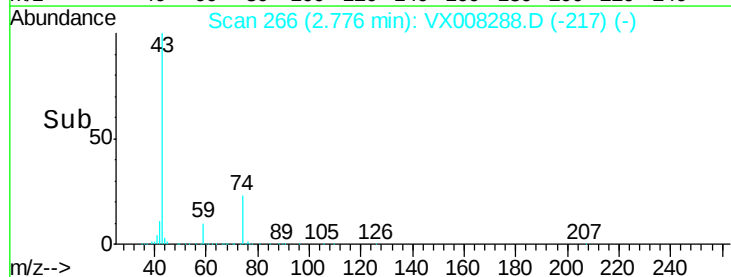
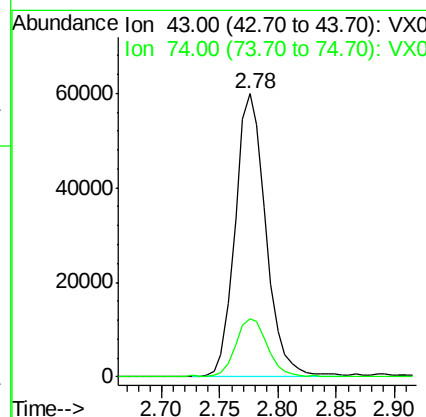
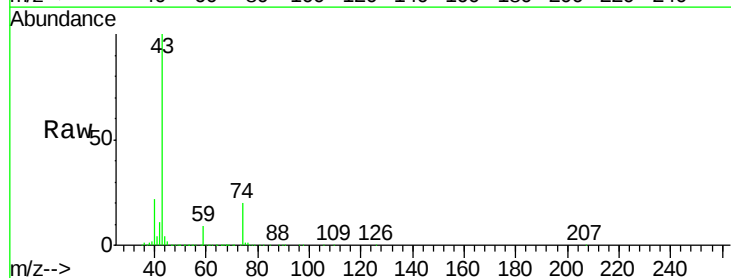
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD01

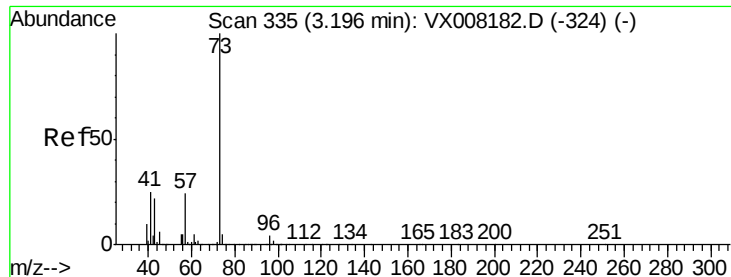
Tot Ion: 76 Resp: 195409
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 21.553 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

Tgt Ion: 43 Resp: 109498
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.6

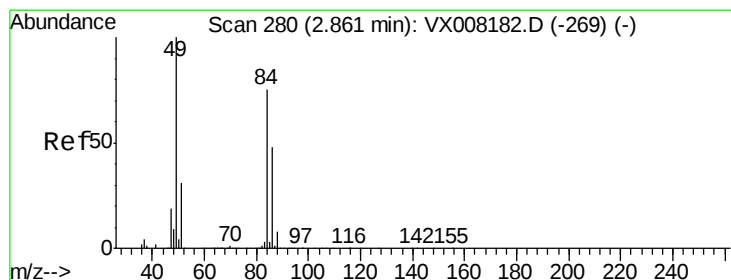
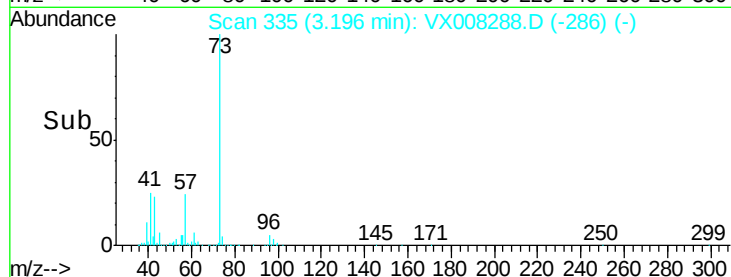
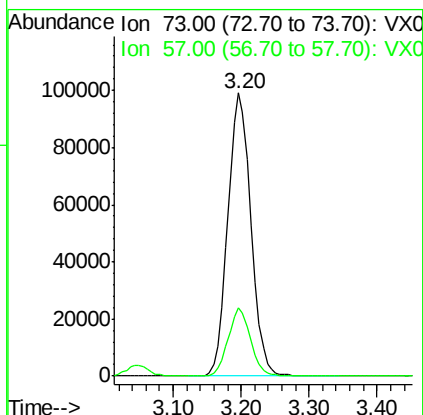
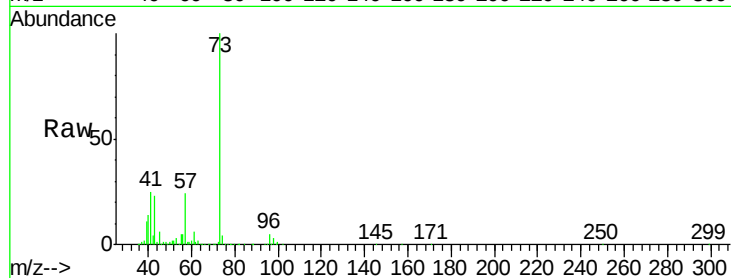




#19
Methvl tert-butvl Ether
Concen: 20.670 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

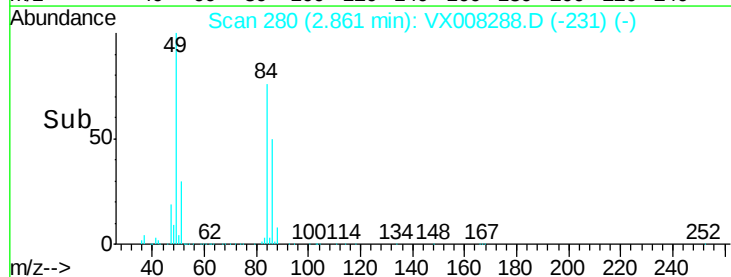
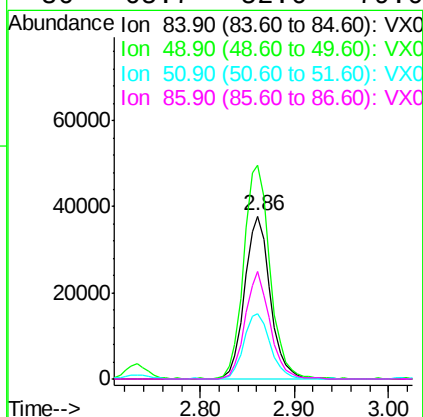
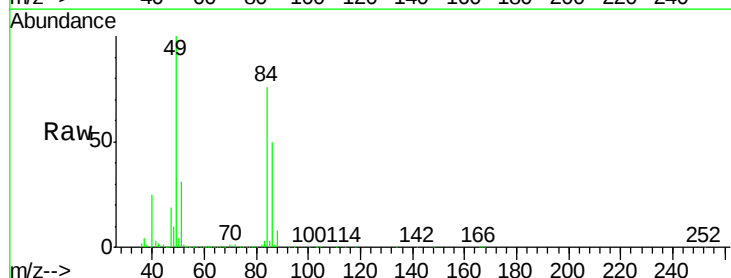
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD01

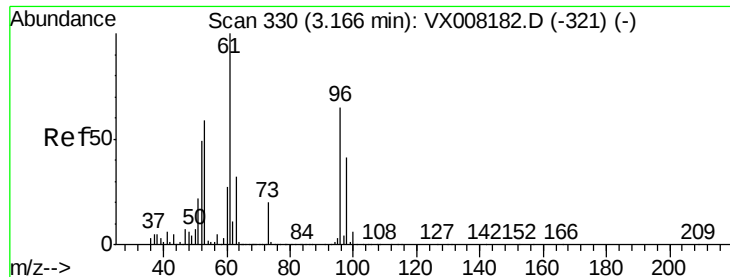
Tot Ion: 73 Resp: 232965
Ion Ratio Lower Upper
73 100
57 24.2 18.2 27.4



#20
Methylene Chloride
Concen: 19.648 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

Tgt Ion: 84 Resp: 71898
Ion Ratio Lower Upper
84 100
49 130.8 99.3 148.9
51 39.9 31.3 46.9
86 65.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.631 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD01

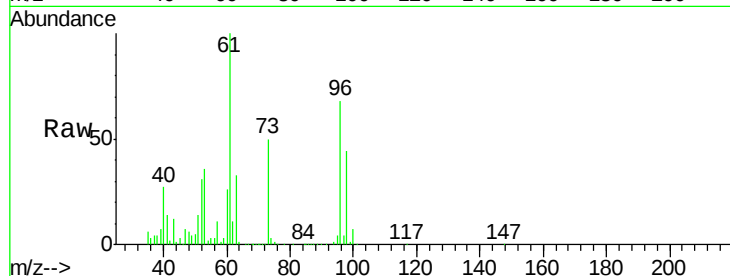
Tot Ion: 96 Resp: 66107

Ion Ratio Lower Upper

96 100

61 147.1 114.4 171.6

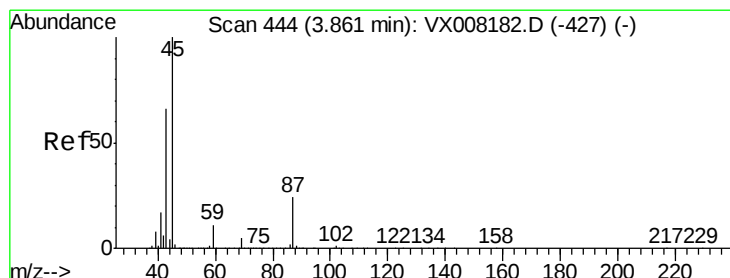
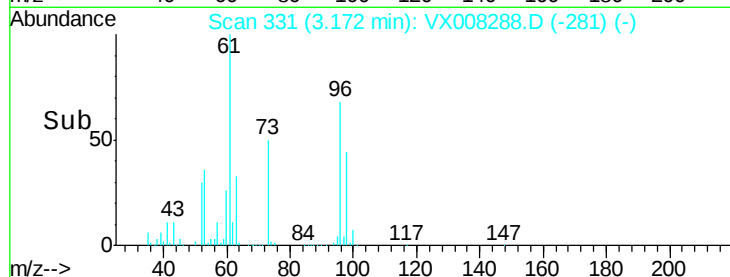
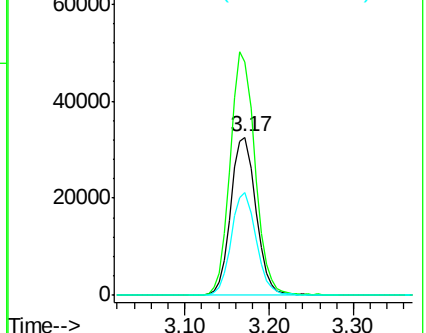
98 64.5 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.311 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Tgt Ion: 45 Resp: 269921

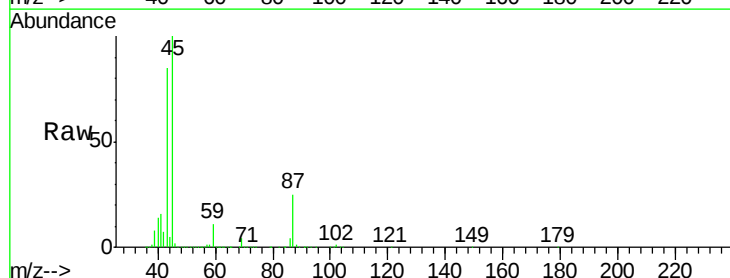
Ion Ratio Lower Upper

45 100

43 84.7 45.3 67.9#

87 24.7 21.4 32.0

59 10.7 9.5 14.3

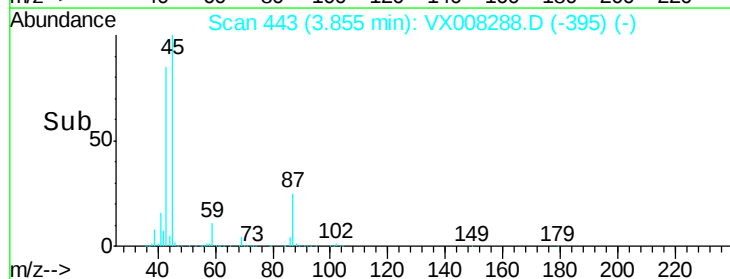
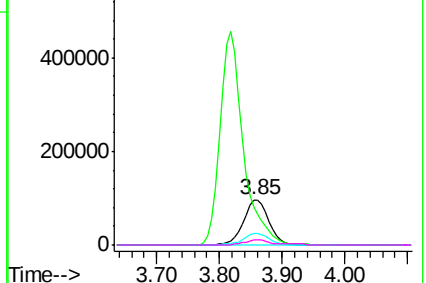


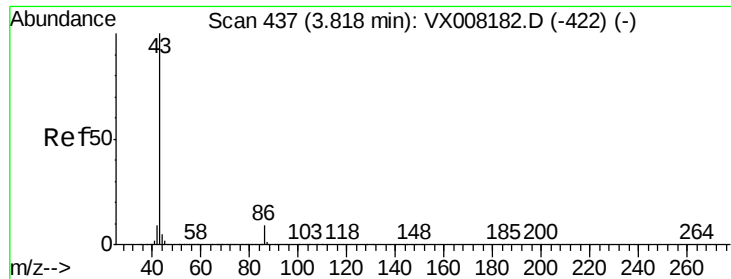
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.043 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleID :

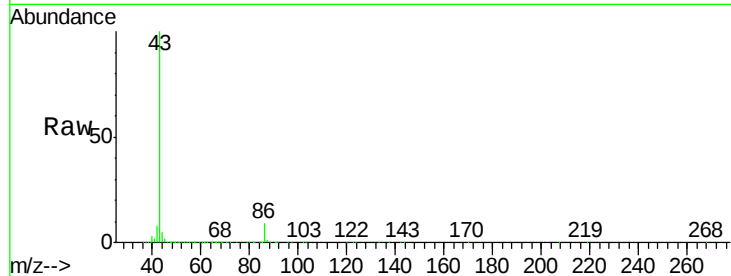
VX0321WBSD01

Tot Ion: 43 Resp: 1174050

Ion Ratio Lower Upper

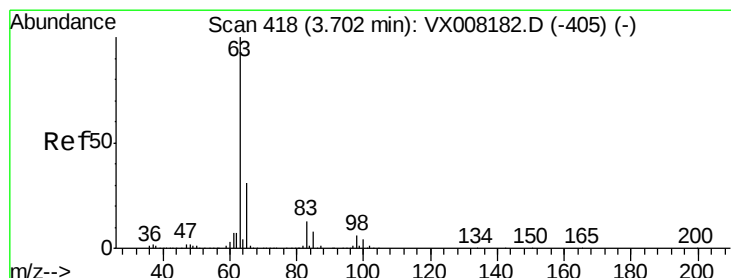
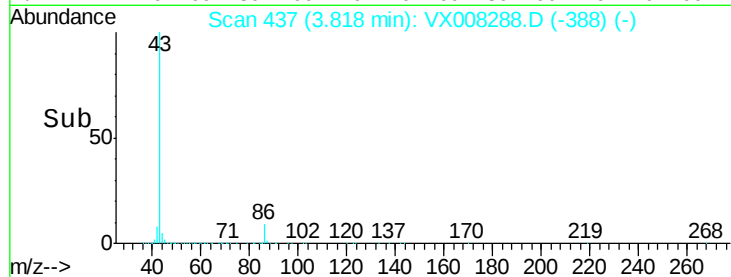
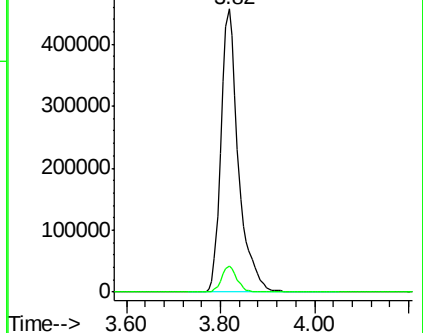
43 100

86 9.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.982 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

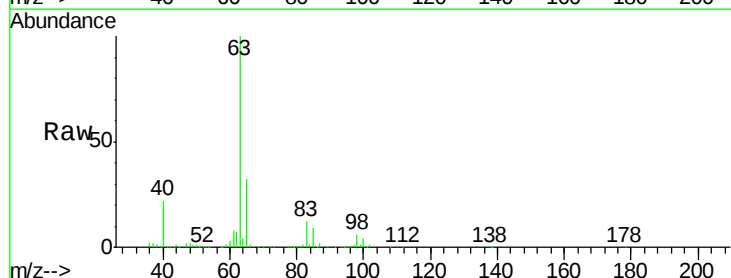
Tgt Ion: 63 Resp: 136582

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

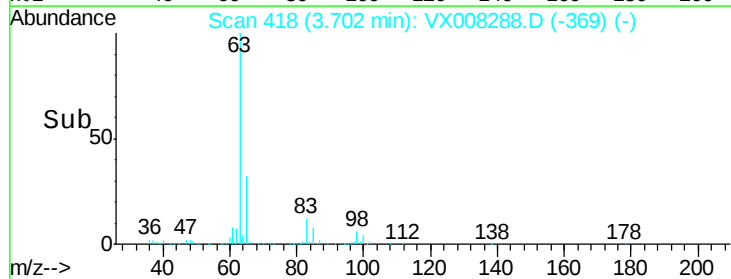
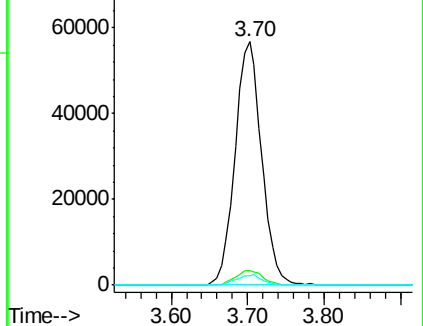
100 4.0 2.3 6.8

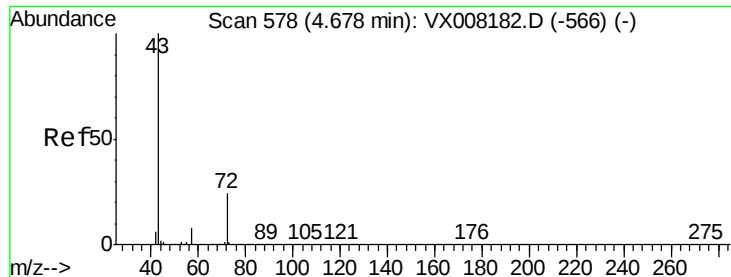


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 99.910 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

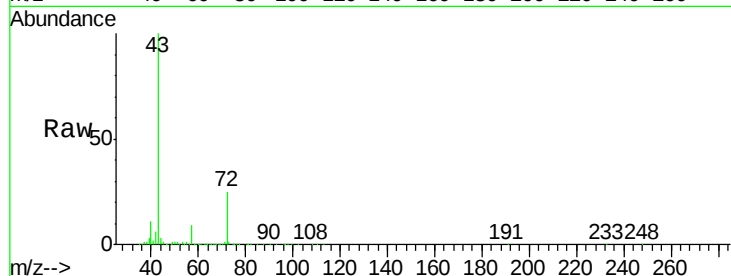
VX0321WBSD01

Tot Ion: 43 Resp: 323640

Ion Ratio Lower Upper

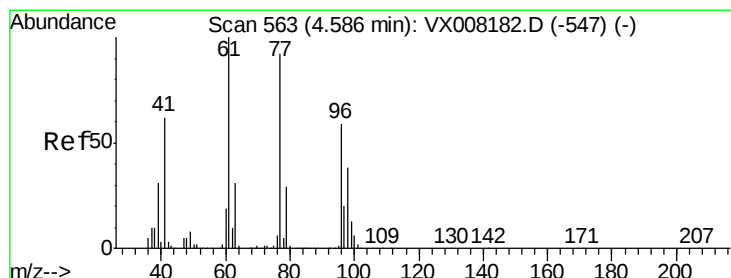
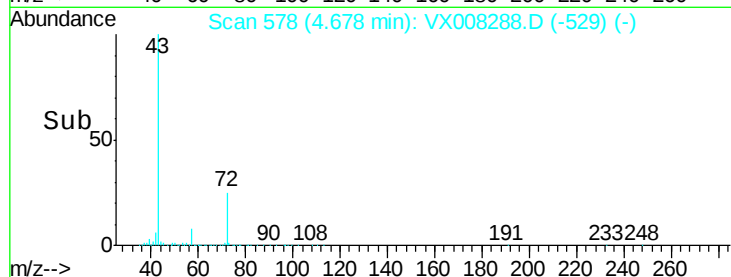
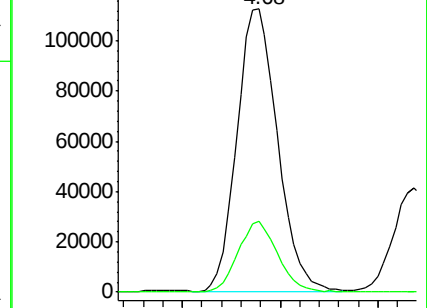
43 100

72 25.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.003 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008288.D

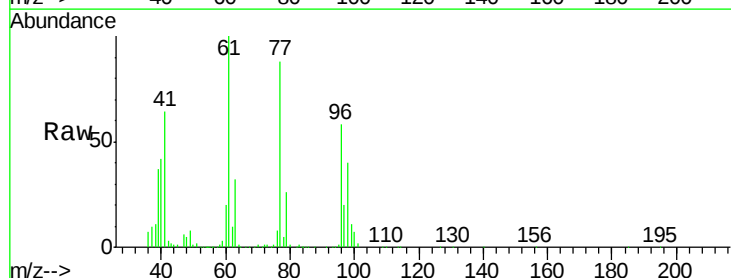
Acq: 21 Mar 2019 14:08

Tgt Ion: 77 Resp: 92700

Ion Ratio Lower Upper

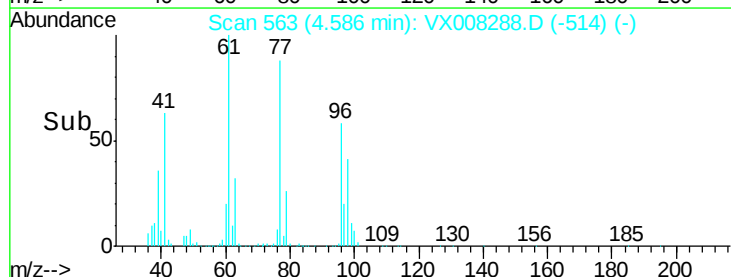
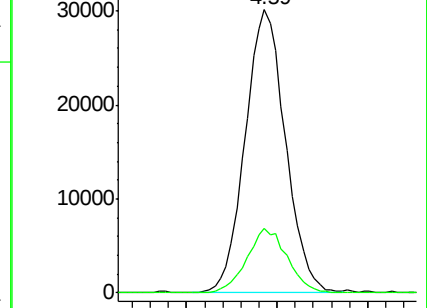
77 100

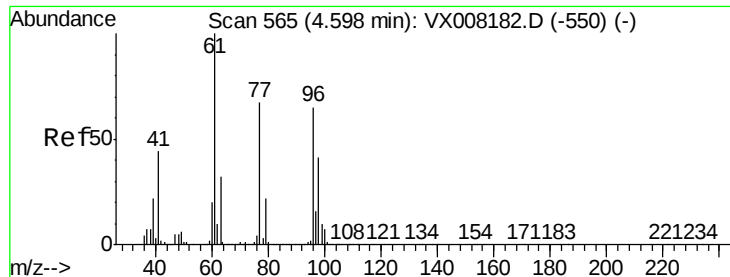
97 22.8 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



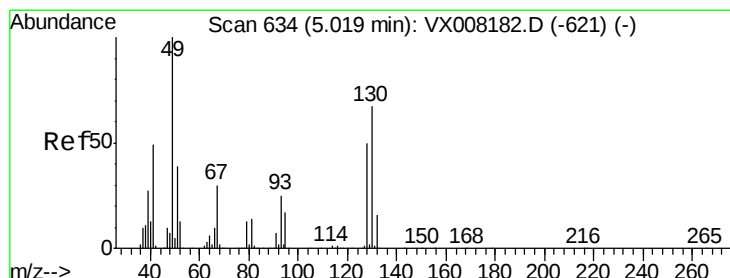
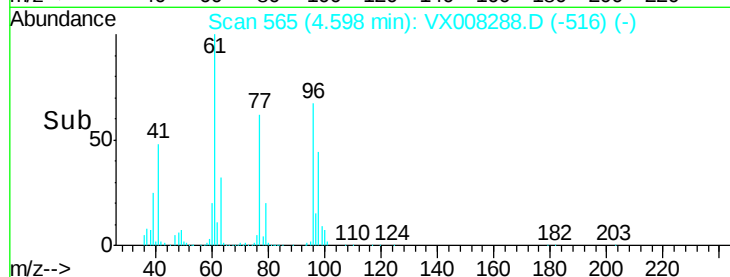
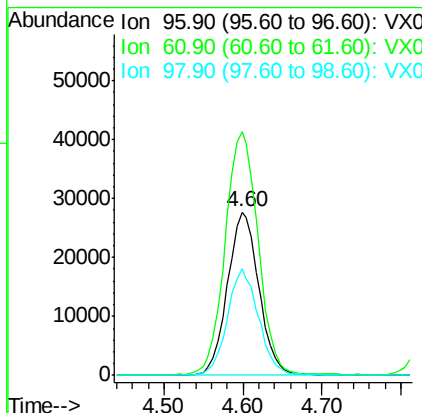
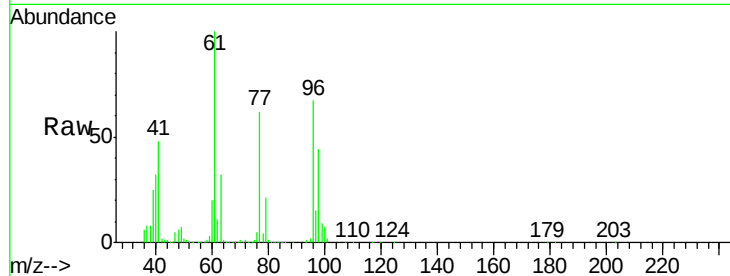


#27

cis-1,2-Dichloroethene
Concen: 20.063 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD01

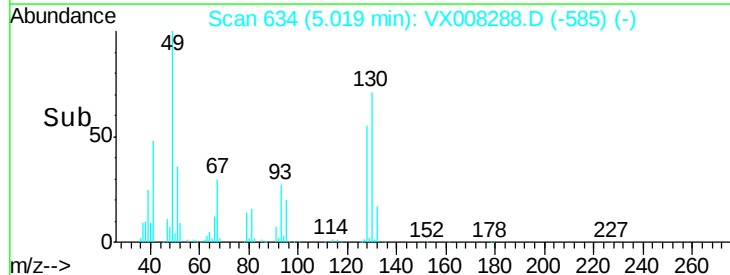
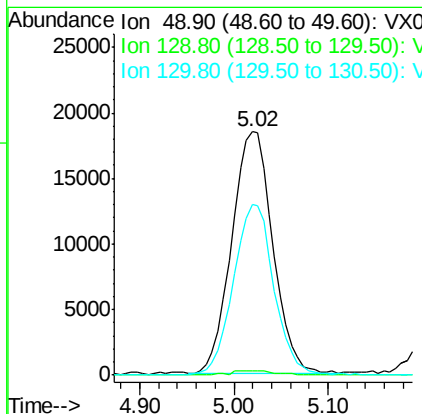
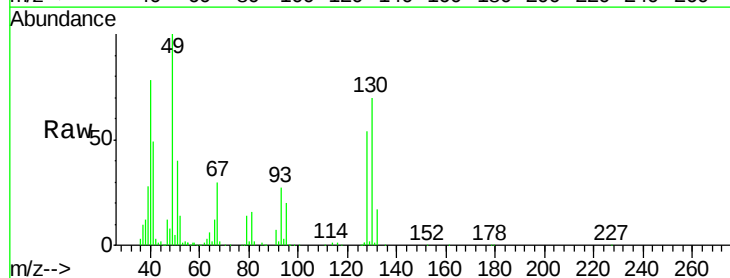
Tot Ion: 96 Resp: 77019
Ion Ratio Lower Upper
96 100
61 157.1 0.0 288.0
98 64.4 0.0 129.0

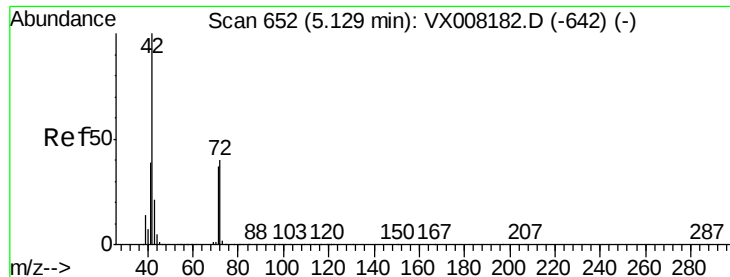


#28

Bromochloromethane
Concen: 18.414 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

Tgt Ion: 49 Resp: 56518
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 69.0 65.0 97.4





#29

Tetrahydrofuran

Concen: 104.496 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD01

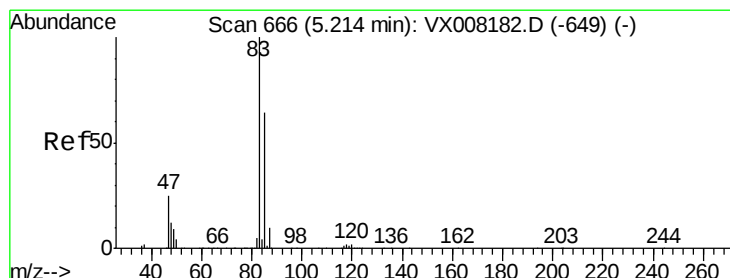
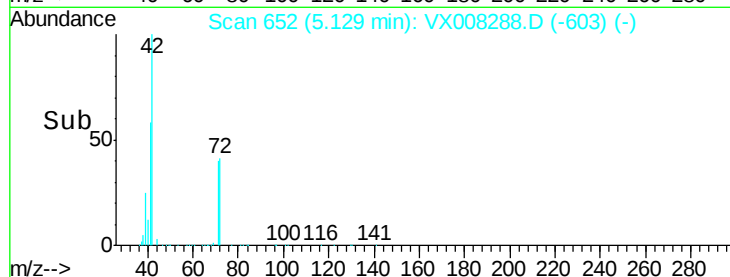
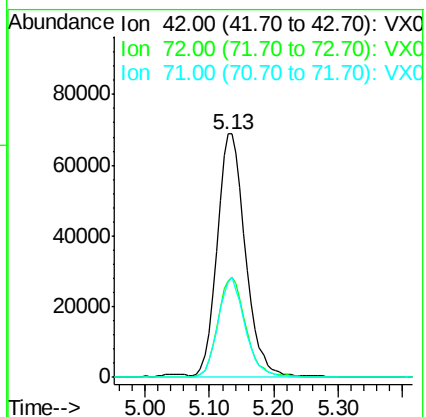
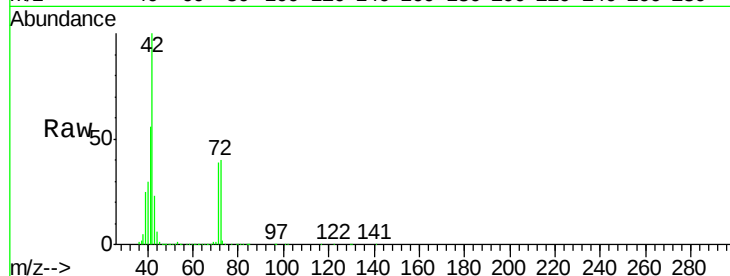
Tot Ion: 42 Resp: 211603

Ion Ratio Lower Upper

42 100

72 40.8 33.8 50.6

71 39.3 31.5 47.3



#30

Chloroform

Concen: 20.421 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008288.D

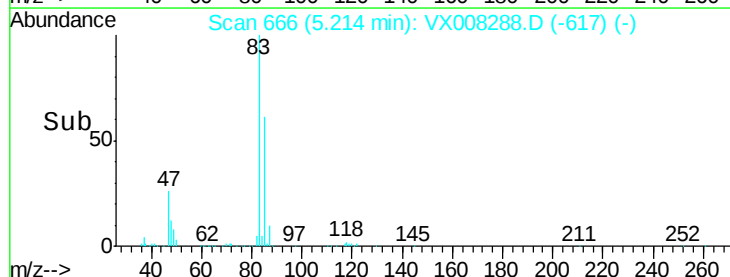
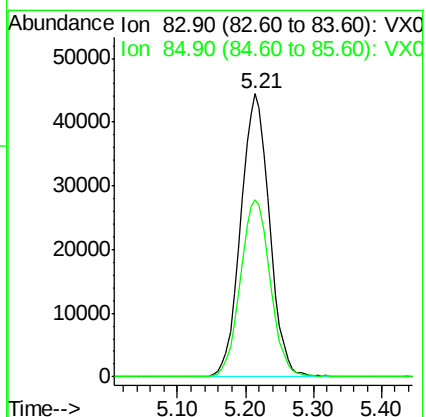
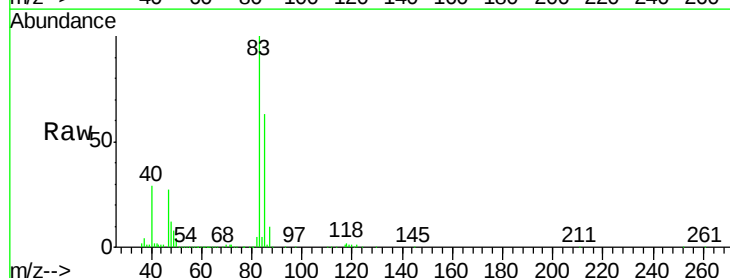
Acq: 21 Mar 2019 14:08

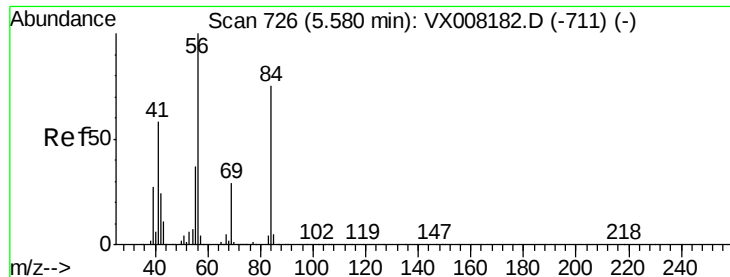
Tgt Ion: 83 Resp: 130567

Ion Ratio Lower Upper

83 100

85 62.5 51.8 77.6

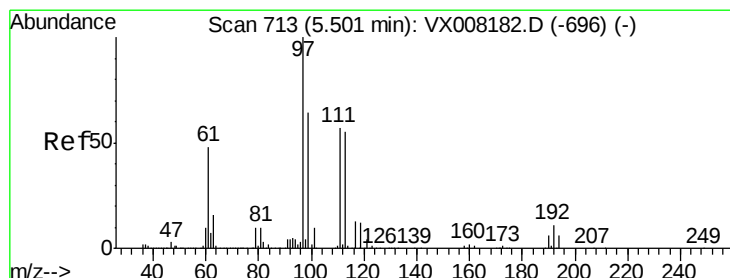
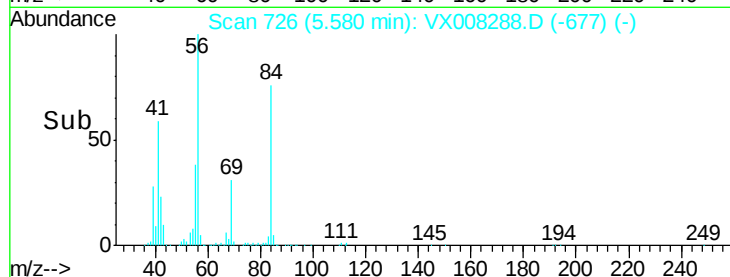
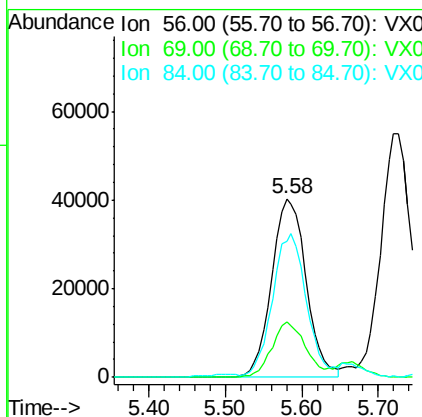
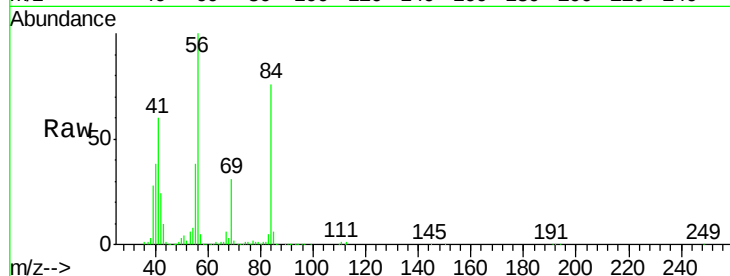




#31
Cyclohexane
Concen: 19.729 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

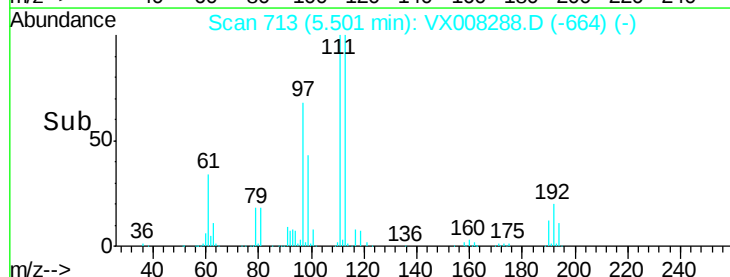
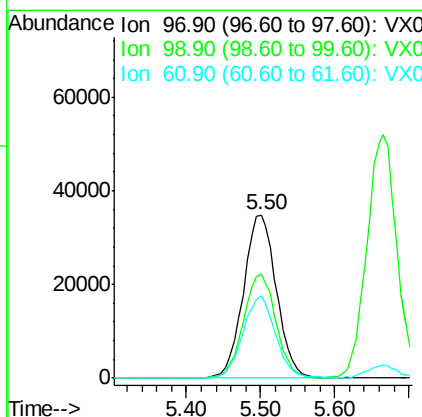
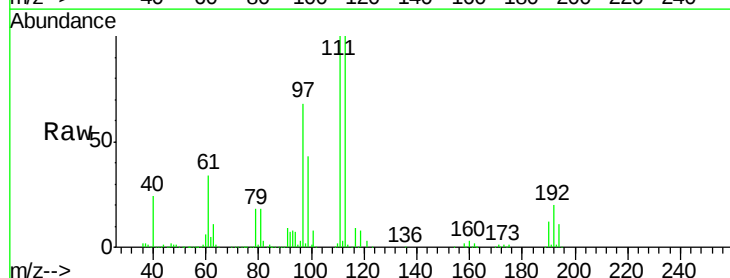
Instrument :
MSVOA_X
ClientSampled :
VX0321WBSD01

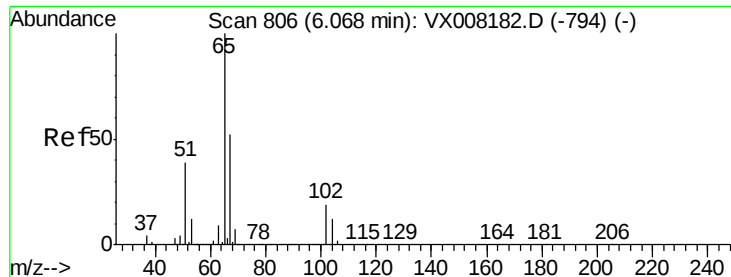
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.0	36.0
84	75.9	65.3	97.9



#32
1,1,1-Trichloroethane
Concen: 20.294 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	52.2	78.2
61	49.8	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 49.603 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

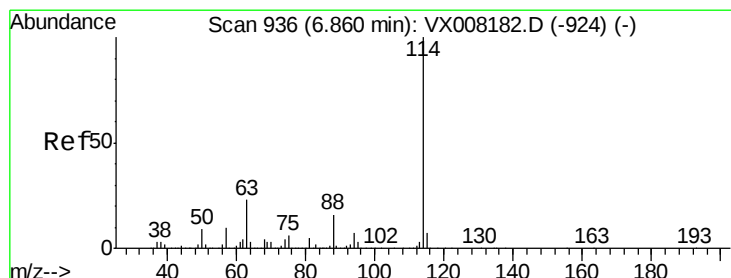
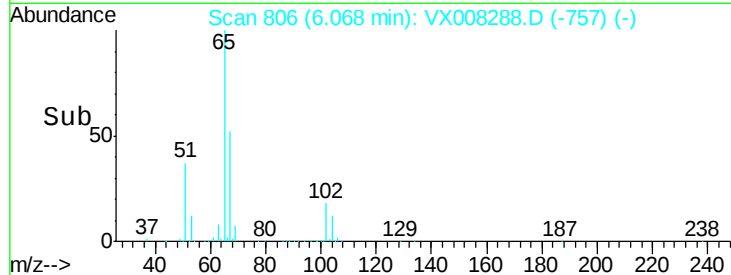
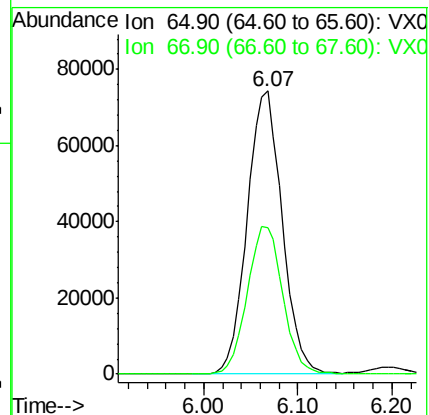
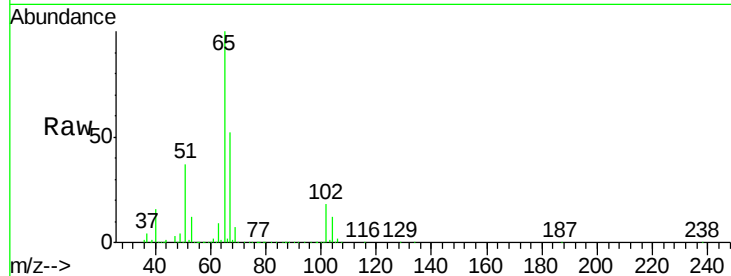
VX0321WBSD01

Tot Ion: 65 Resp: 191921

Ion Ratio Lower Upper

65 100

67 52.7 0.0 110.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

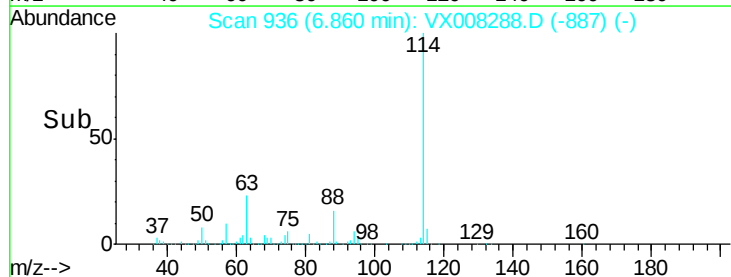
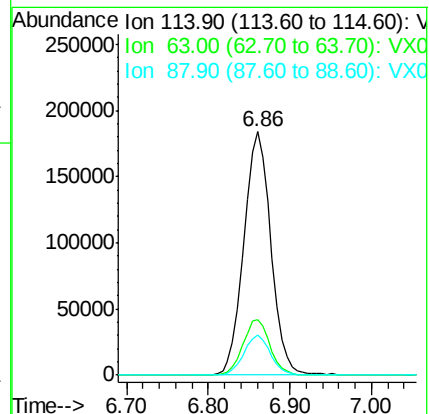
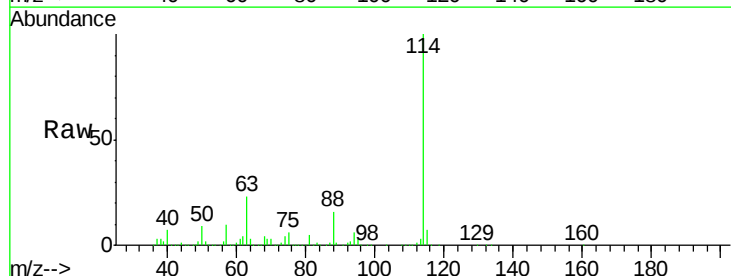
Tgt Ion: 114 Resp: 423105

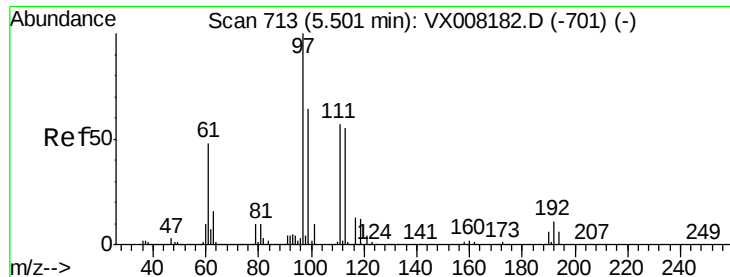
Ion Ratio Lower Upper

114 100

63 23.0 0.0 39.8

88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.253 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampled :

VX0321WBSD01

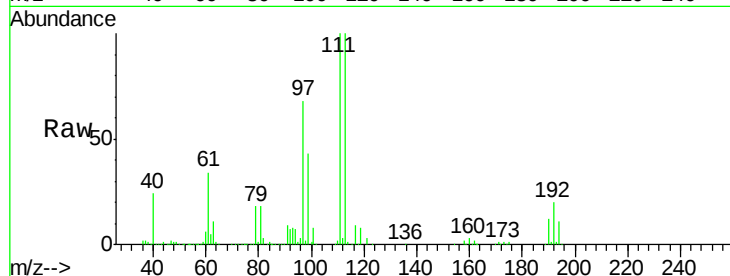
Tot Ion:113 Resp: 148002

Ion Ratio Lower Upper

113 100

111 100.7 81.4 122.0

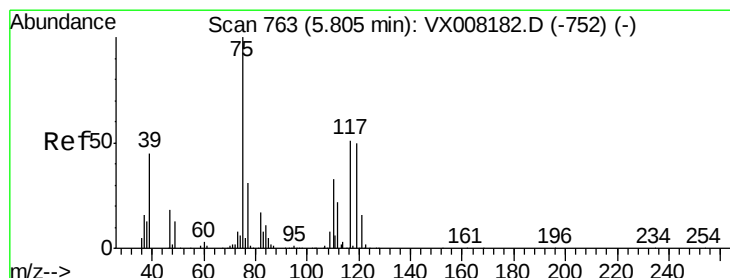
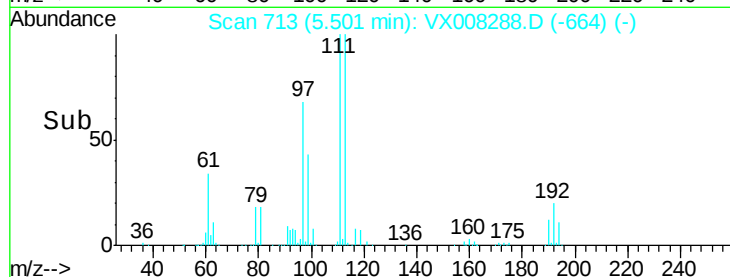
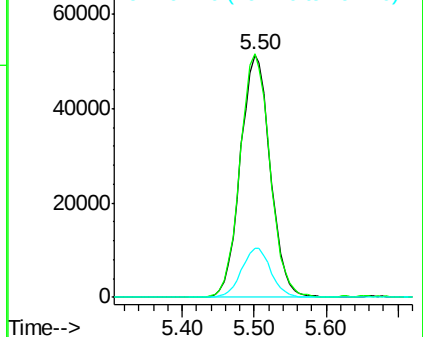
192 20.2 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.610 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

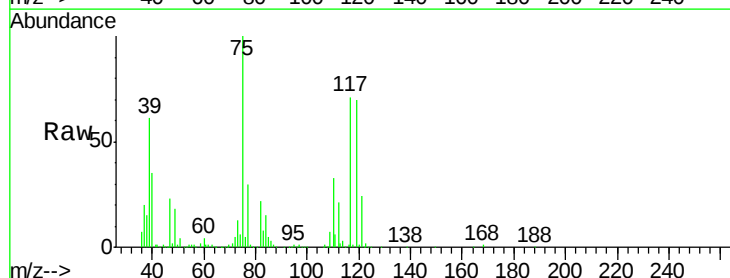
Tgt Ion: 75 Resp: 96601

Ion Ratio Lower Upper

75 100

110 34.3 18.4 55.0

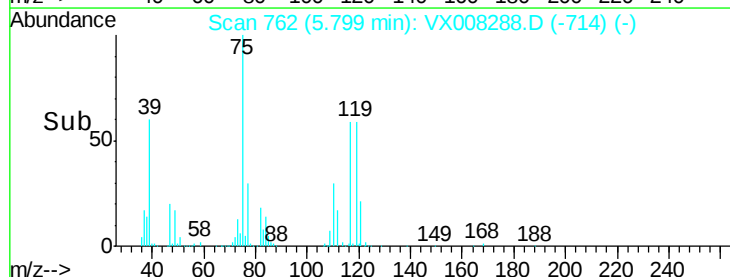
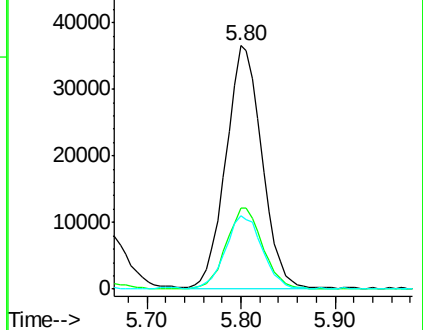
77 30.6 25.0 37.4

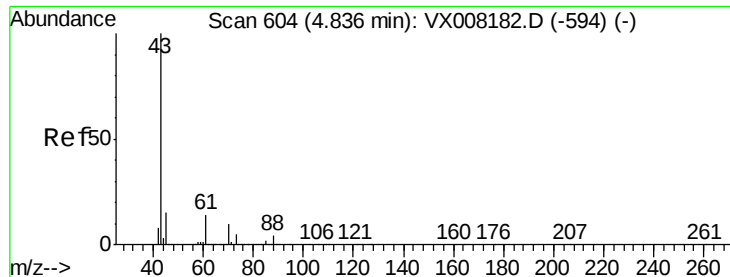


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 21.031 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampled :

VX0321WBSD01

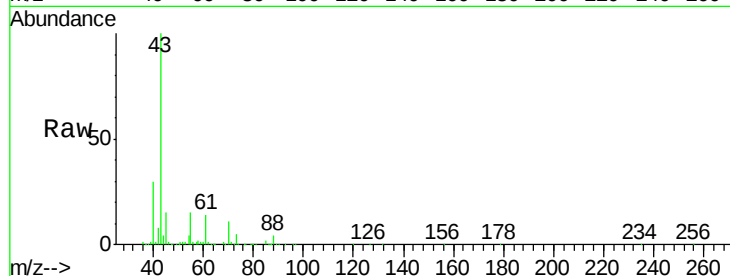
Tot Ion: 43 Resp: 122464

Ion Ratio Lower Upper

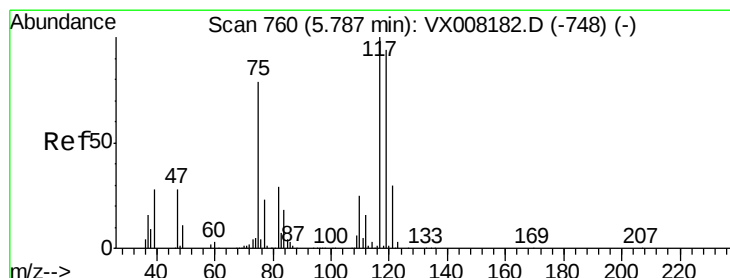
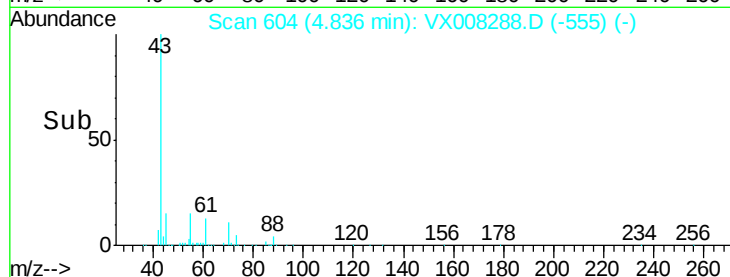
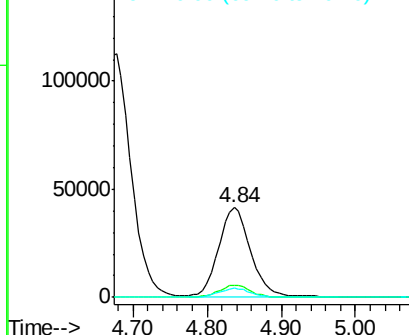
43 100

61 13.4 11.3 16.9

70 10.3 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 21.027 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

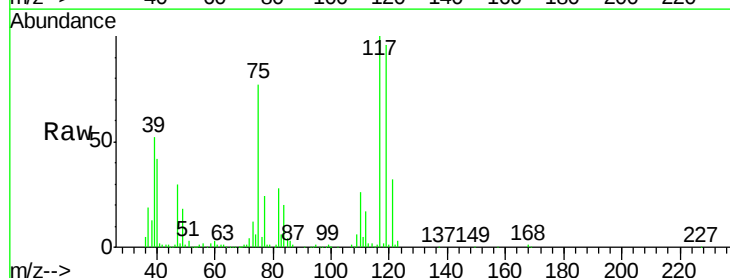
Tgt Ion: 117 Resp: 92289

Ion Ratio Lower Upper

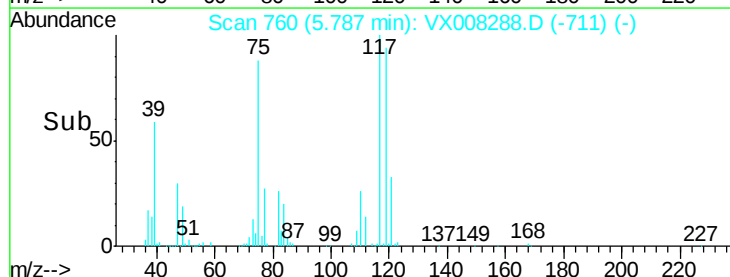
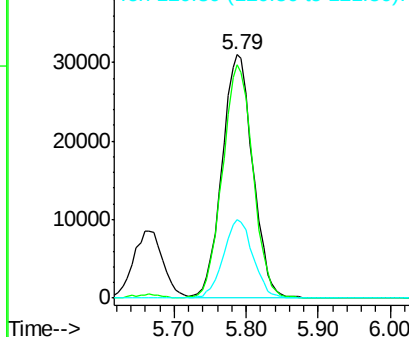
117 100

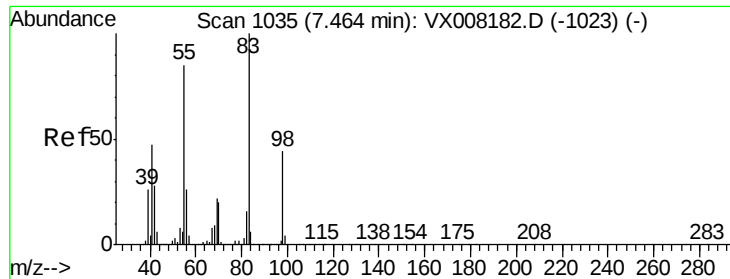
119 95.5 76.2 114.2

121 32.0 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

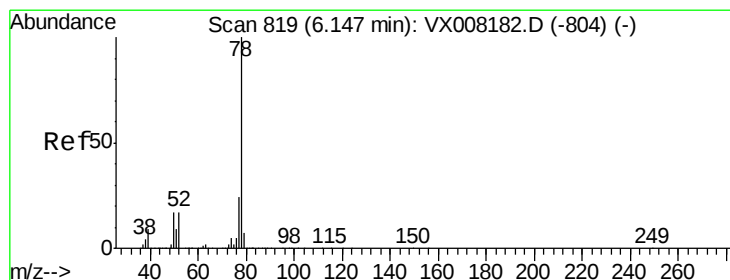
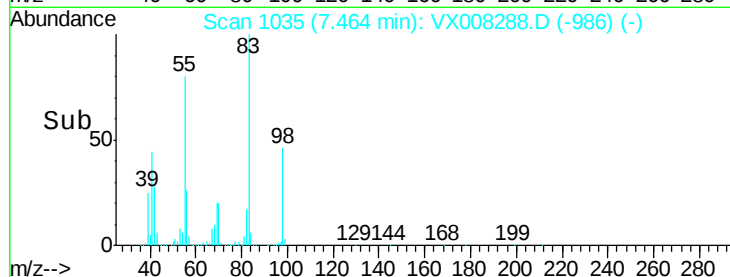
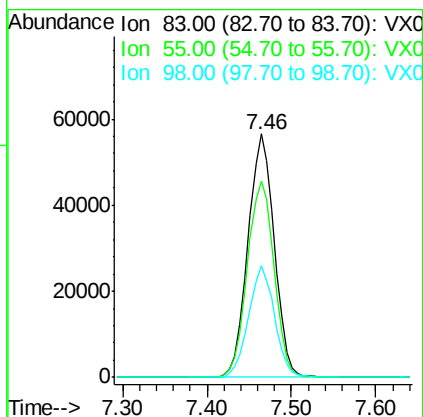
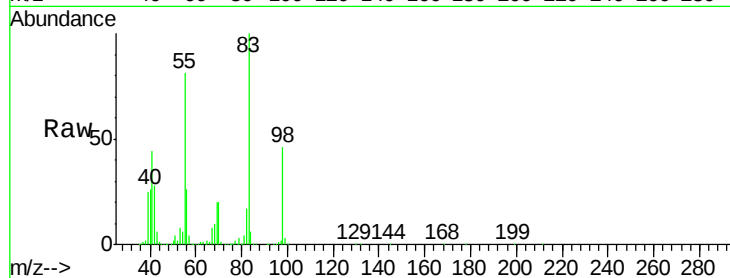




#39
Methvlcvclohexane
Concen: 20.074 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

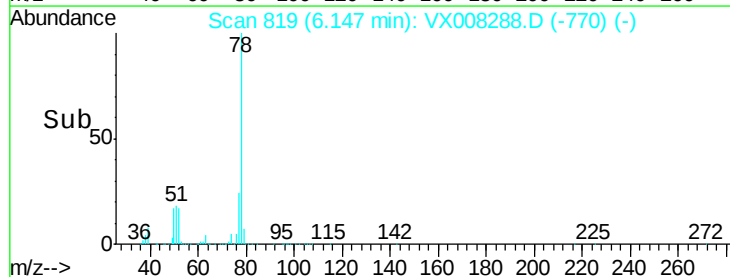
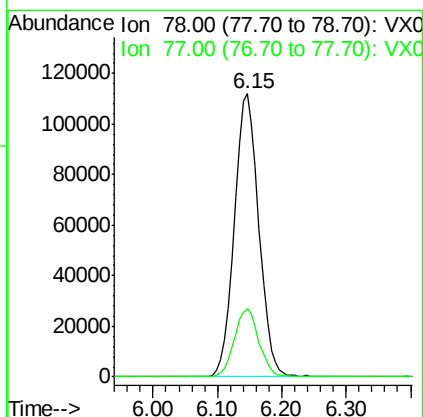
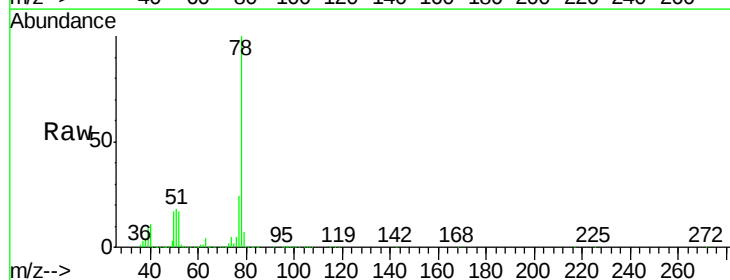
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD01

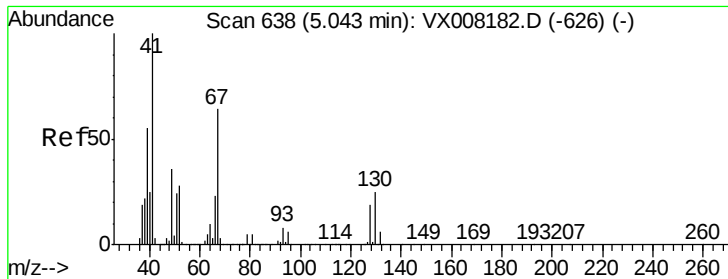
Tot Ion: 83 Resp: 119000
Ion Ratio Lower Upper
83 100
55 80.3 60.4 90.6
98 46.0 36.5 54.7



#40
Benzene
Concen: 20.331 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

Tgt Ion: 78 Resp: 296425
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

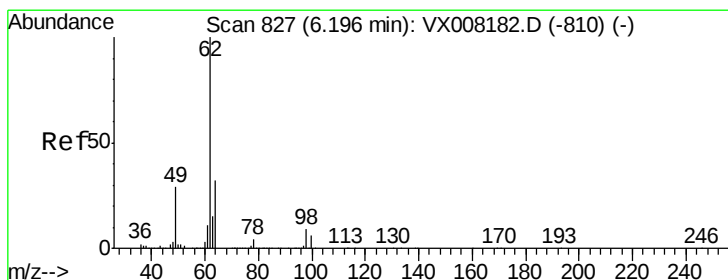
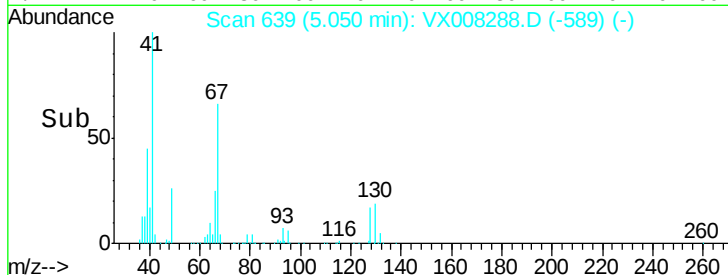
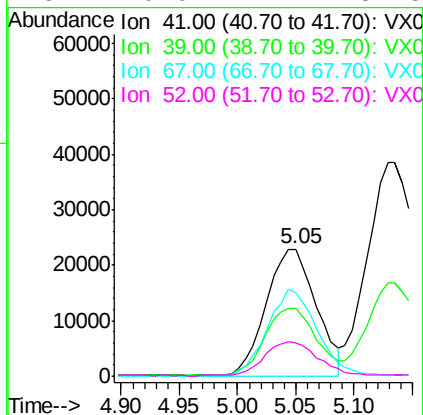
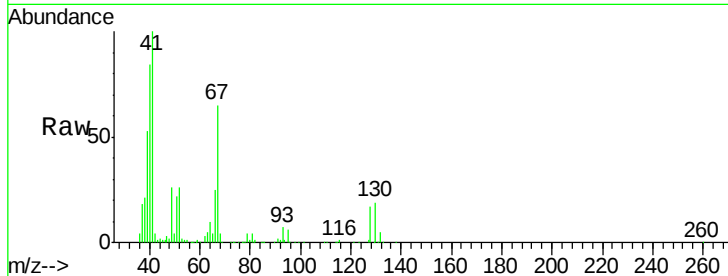




#41
Methacrylonitrile
Concen: 20.777 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

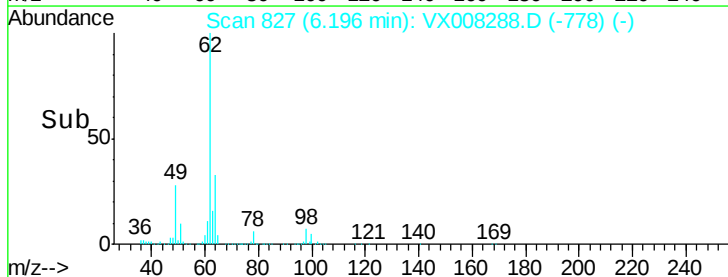
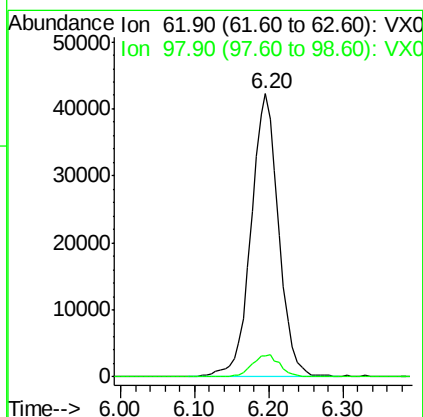
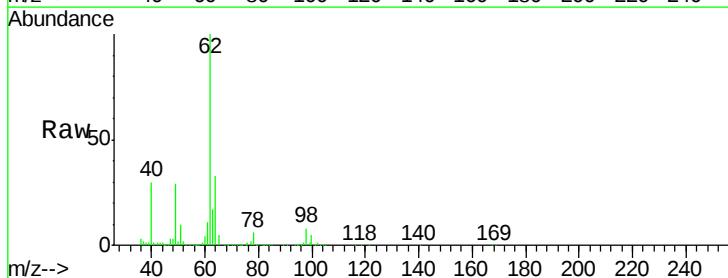
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD01

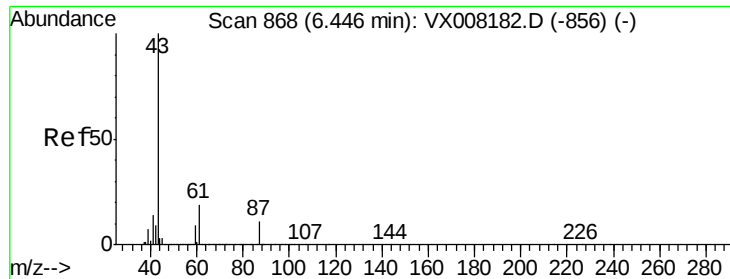
Tot Ion:	41	Resp:	67866
Ion	Ratio	Lower	Upper
41	100		
39	54.0	41.6	62.4
67	69.0	55.8	83.6
52	29.0	21.7	32.5



#42
1,2-Dichloroethane
Concen: 20.405 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

Tgt Ion:	62	Resp:	108983
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	20.4



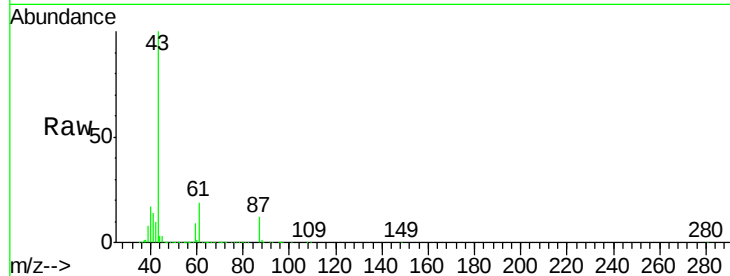


#43

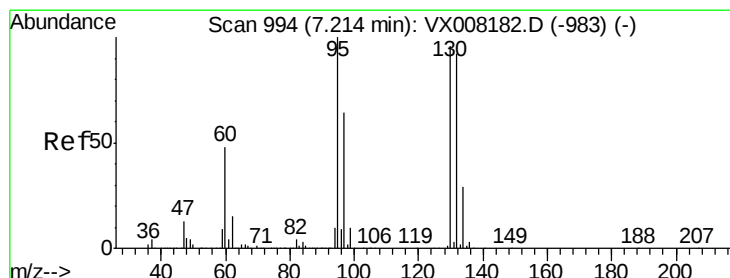
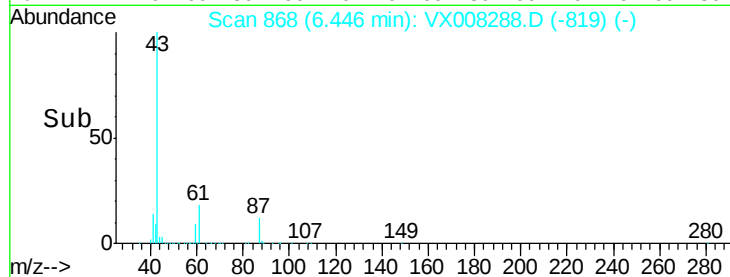
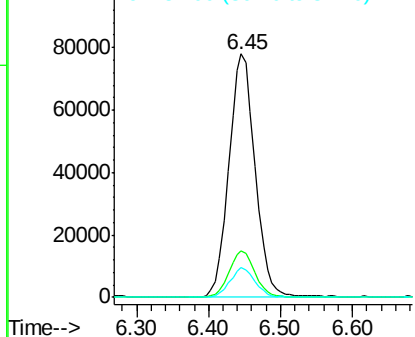
Isopropyl Acetate
 Concen: 21.033 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008288.D
 Acq: 21 Mar 2019 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD01

Tot Ion: 43 Resp: 196314
 Ion Ratio Lower Upper
 43 100
 61 19.0 16.3 24.5
 87 11.9 10.5 15.7



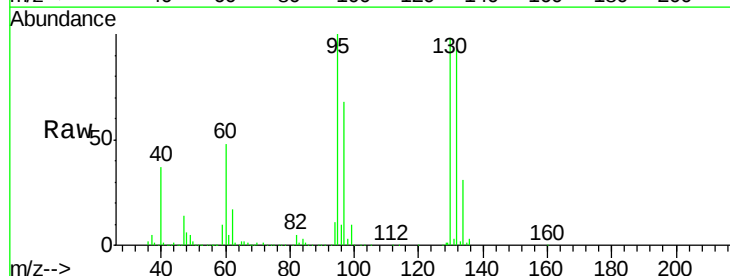
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



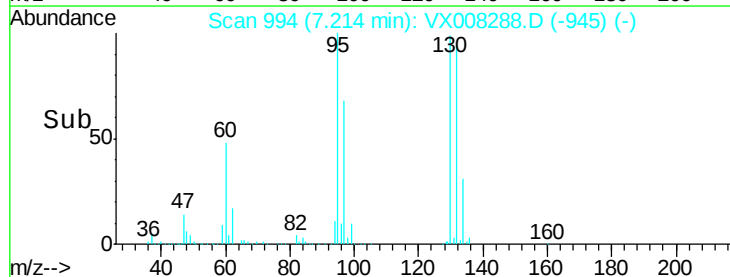
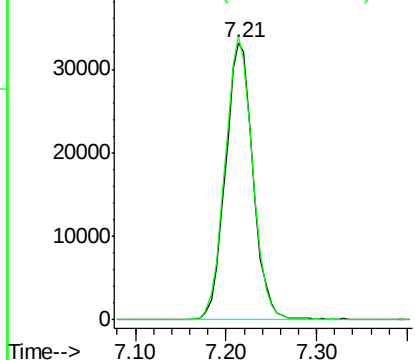
#44

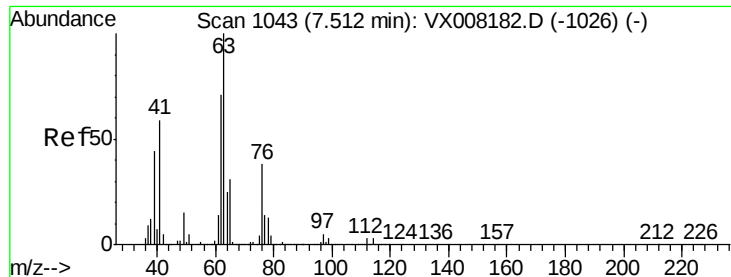
Trichloroethene
 Concen: 19.851 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008288.D
 Acq: 21 Mar 2019 14:08

Tgt Ion: 130 Resp: 70770
 Ion Ratio Lower Upper
 130 100
 95 102.0 0.0 188.0



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





#45

1,2-Dichloropropane

Concen: 20.185 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

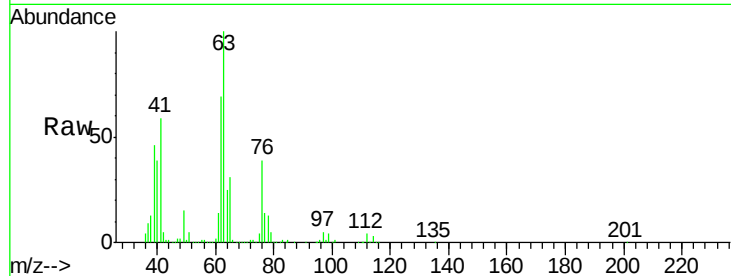
VX0321WBSD01

Tot Ion: 63 Resp: 82387

Ion Ratio Lower Upper

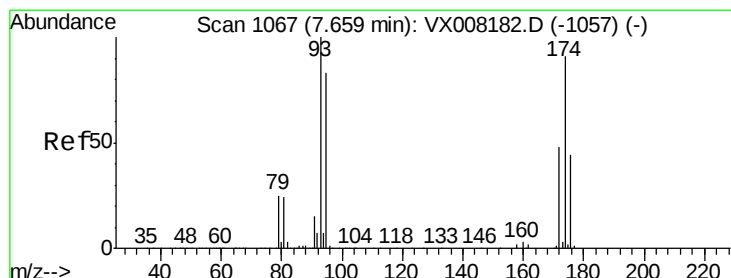
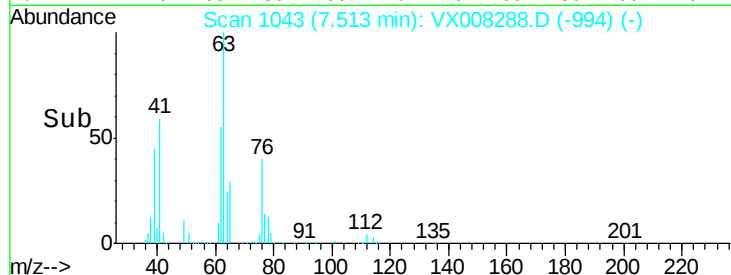
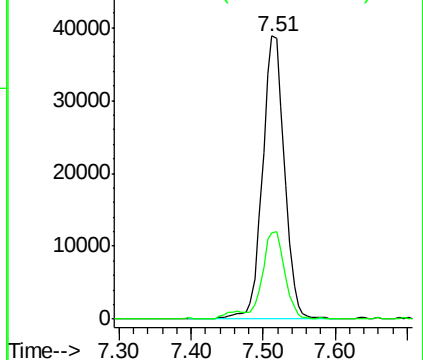
63 100

65 30.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.393 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

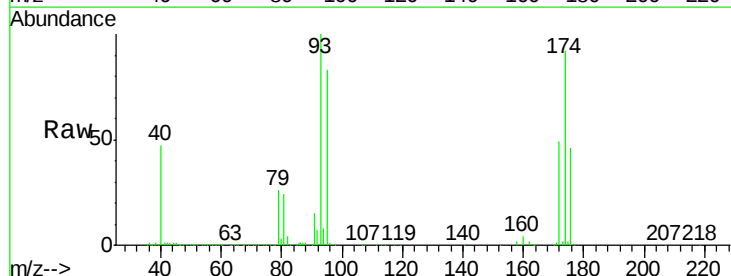
Tgt Ion: 93 Resp: 50395

Ion Ratio Lower Upper

93 100

95 82.9 66.8 100.2

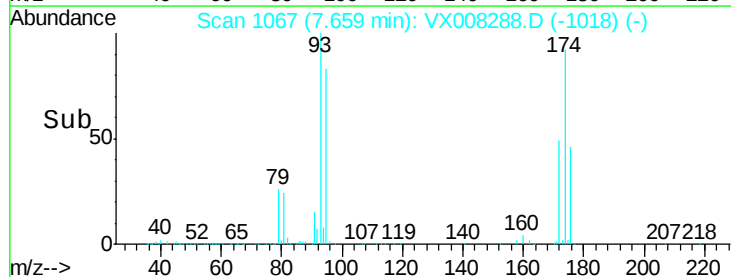
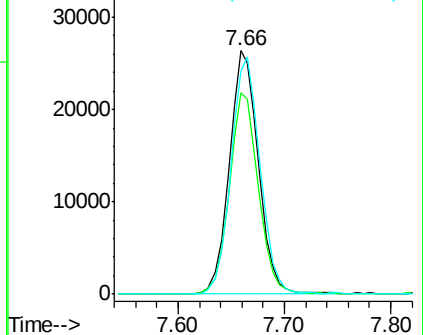
174 97.7 97.3 145.9

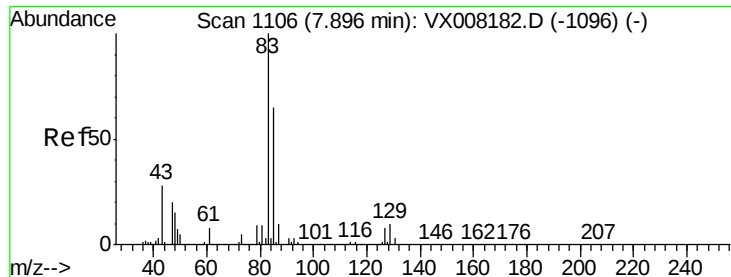


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.335 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD01

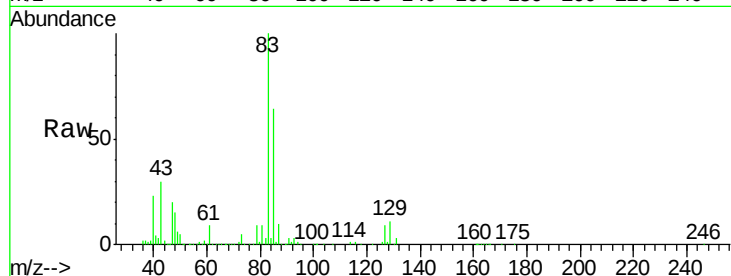
Tot Ion: 83 Resp: 100479

Ion Ratio Lower Upper

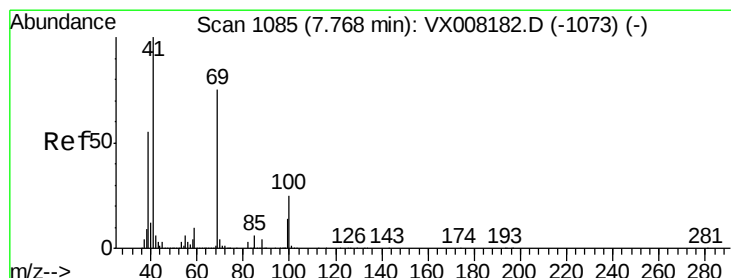
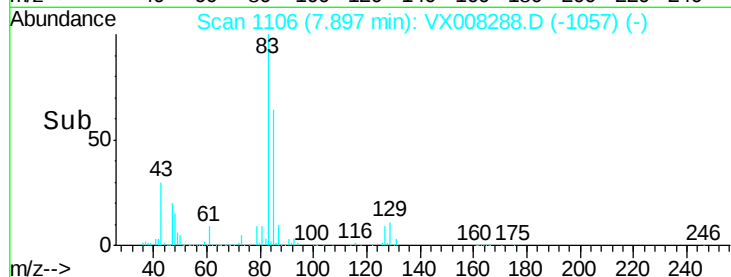
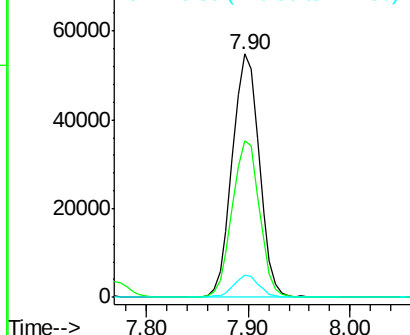
83 100

85 64.0 50.9 76.3

127 9.1 7.4 11.0



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



#48

Methyl methacrylate

Concen: 20.646 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

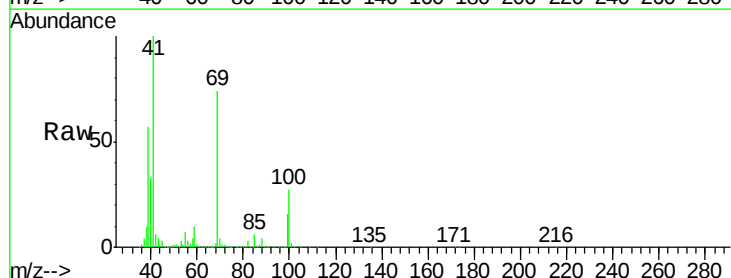
Tgt Ion: 41 Resp: 102465

Ion Ratio Lower Upper

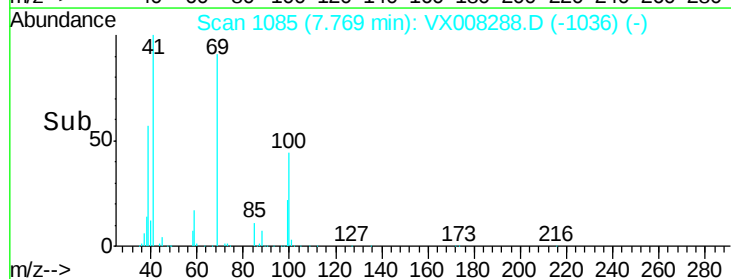
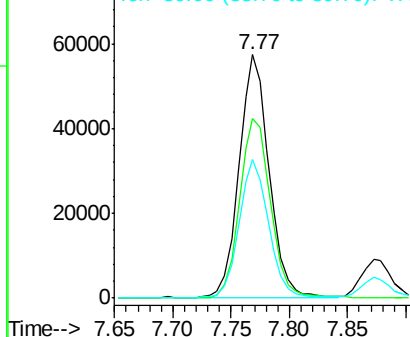
41 100

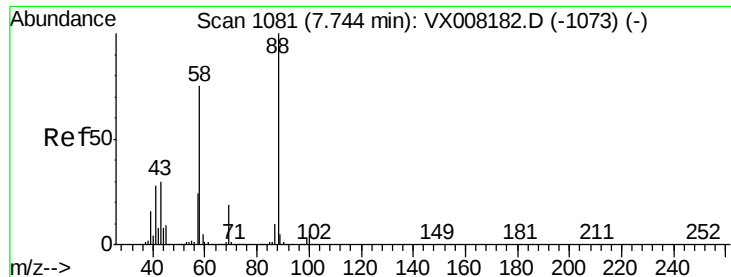
69 76.8 65.2 97.8

39 55.6 39.4 59.2



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

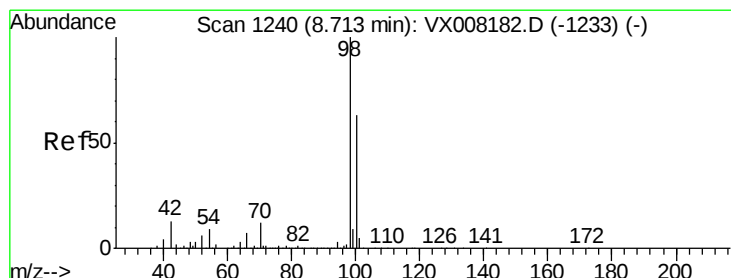
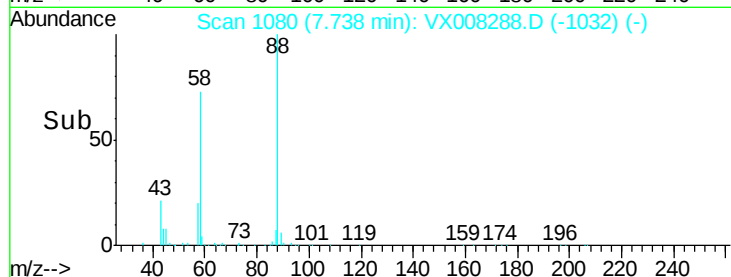
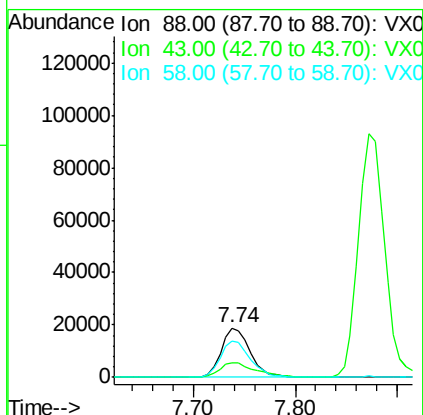
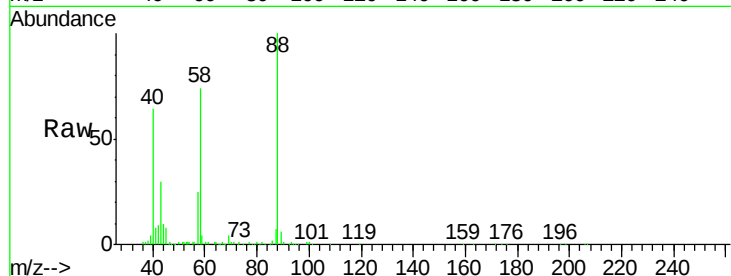




#49
1,4-Dioxane
Concen: 422.545 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

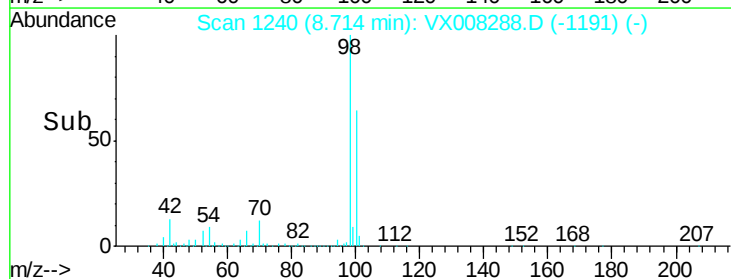
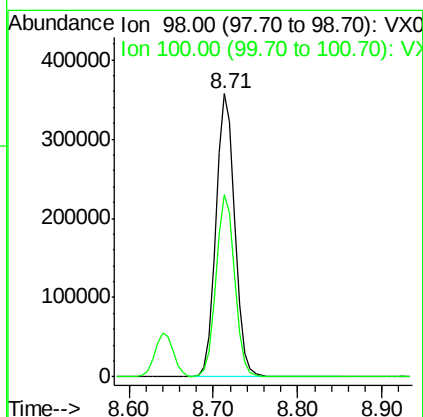
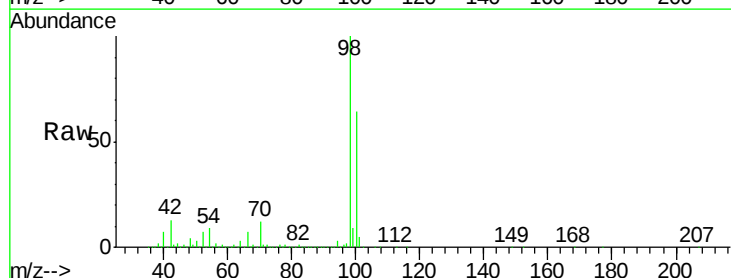
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD01

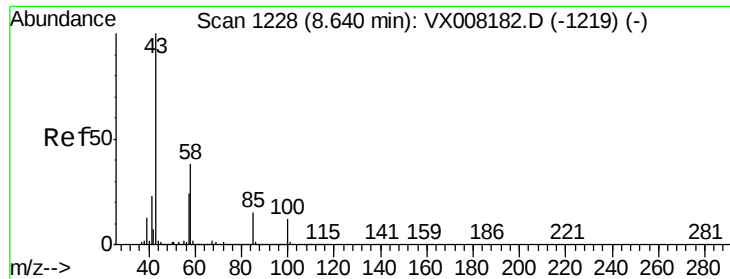
Tot Ion: 88 Resp: 37006
Ion Ratio Lower Upper
88 100
43 35.2 25.1 37.7
58 76.7 57.8 86.6



#50
Toluene-d8
Concen: 51.585 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

Tgt Ion: 98 Resp: 553955
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 106.953 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

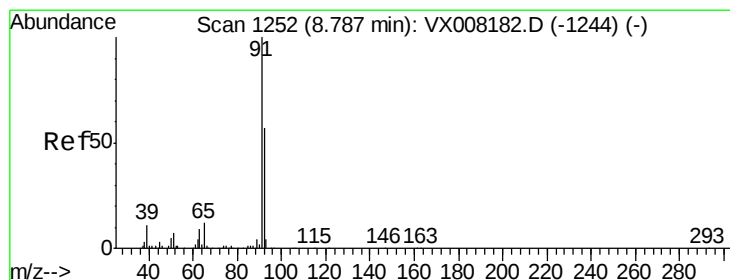
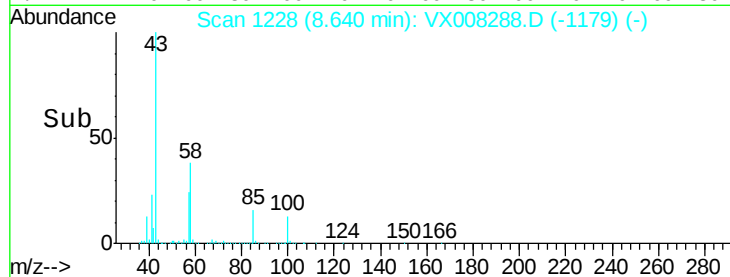
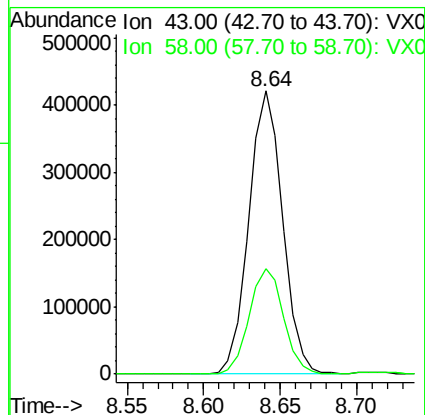
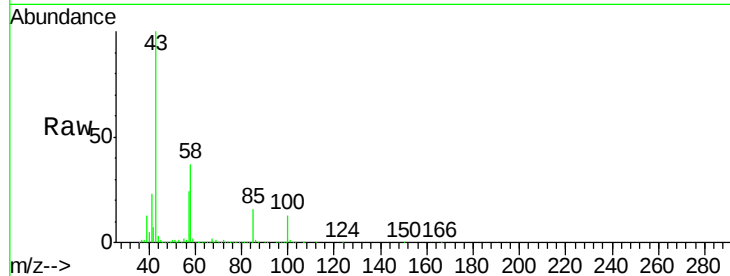
VX0321WBSD01

Tot Ion: 43 Resp: 645377

Ion Ratio Lower Upper

43 100

58 37.8 31.3 46.9



#52

Toluene

Concen: 20.342 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008288.D

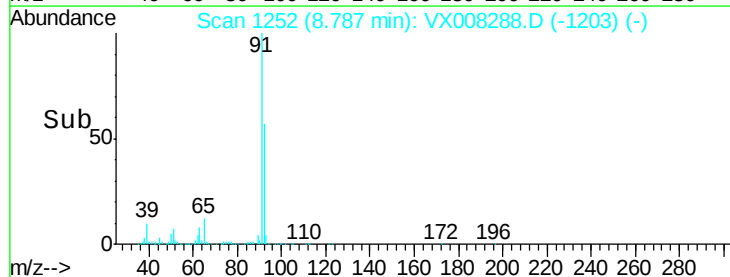
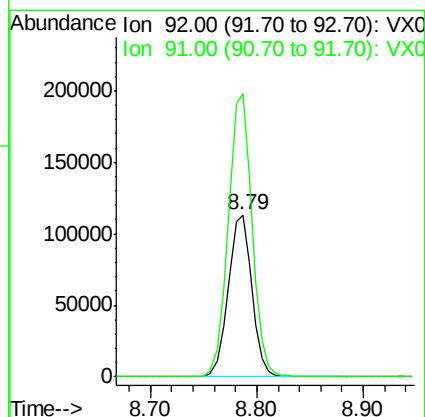
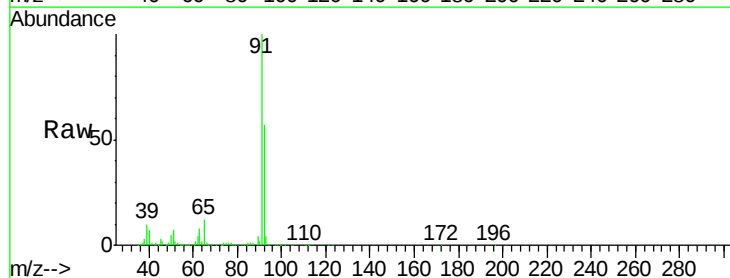
Acq: 21 Mar 2019 14:08

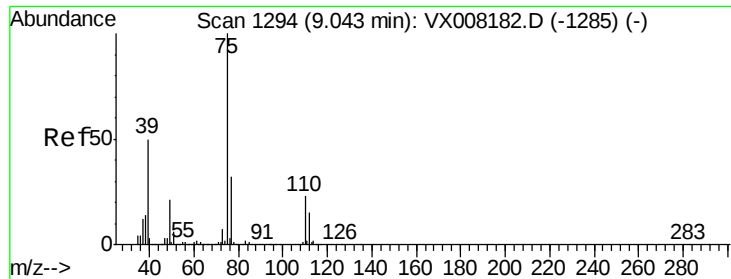
Tgt Ion: 92 Resp: 175953

Ion Ratio Lower Upper

92 100

91 177.0 137.4 206.0

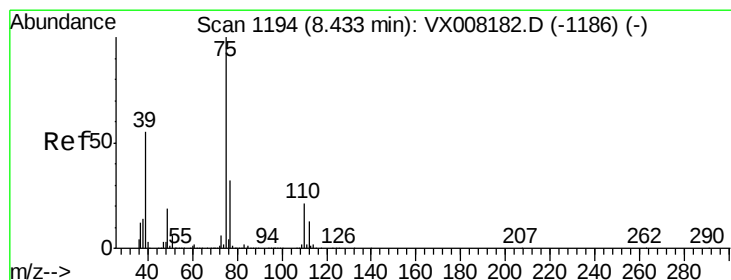
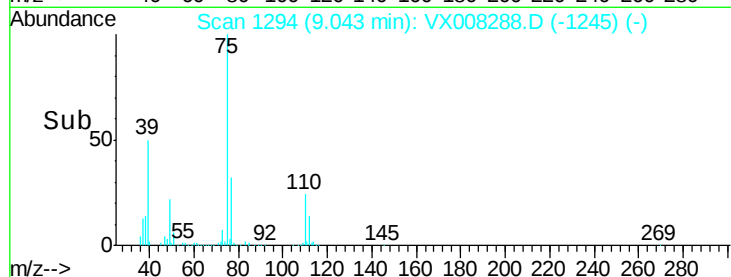
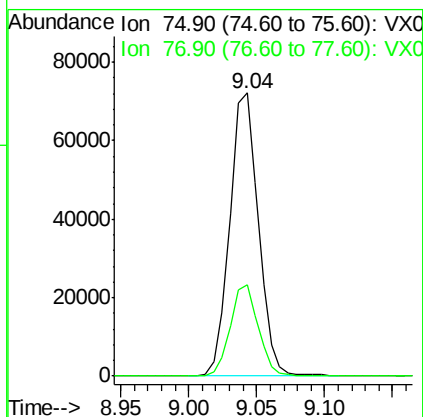
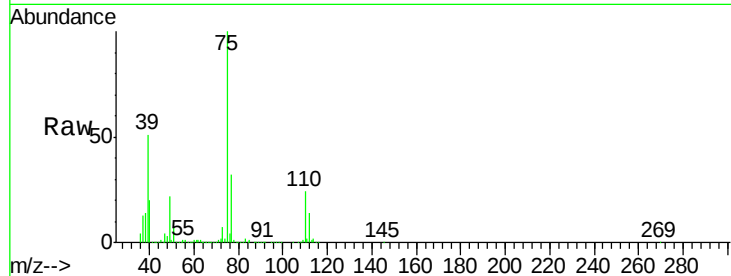




#53
 t-1,3-Dichloropropene
 Concen: 18.867 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX008288.D
 Acq: 21 Mar 2019 14:08

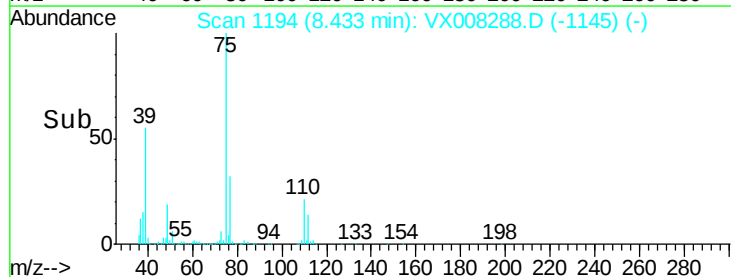
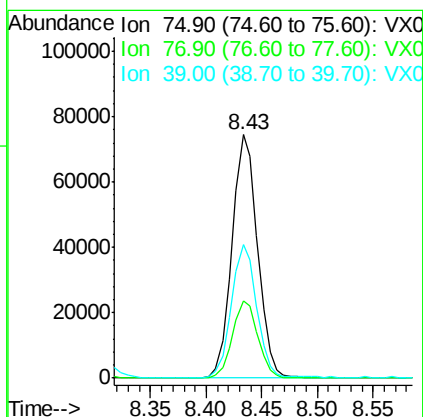
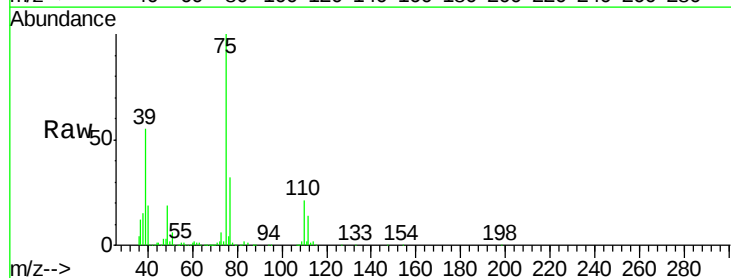
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD01

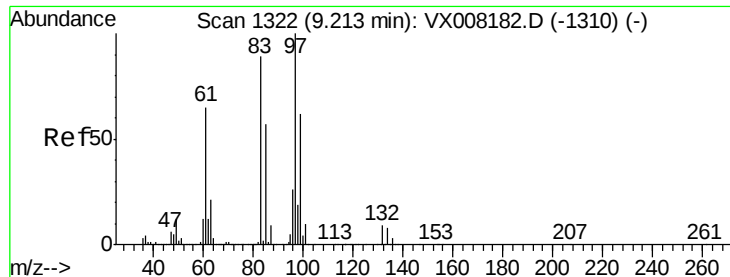
Tot Ion: 75 Resp: 105904
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.215 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008288.D
 Acq: 21 Mar 2019 14:08

Tgt Ion: 75 Resp: 118158
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.6
 39 54.7 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 21.334 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD01

Tot Ion: 97 Resp: 74559

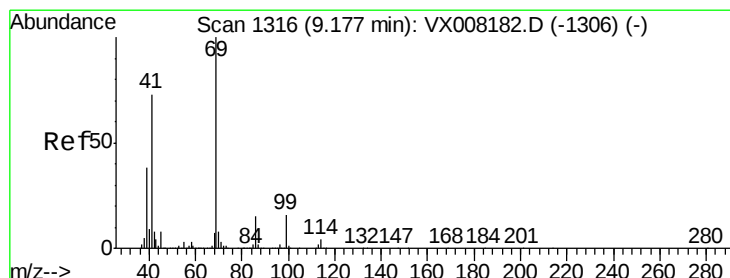
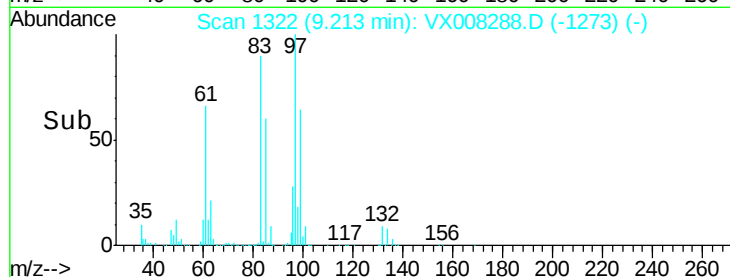
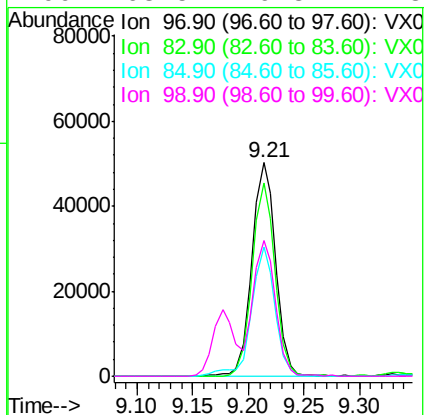
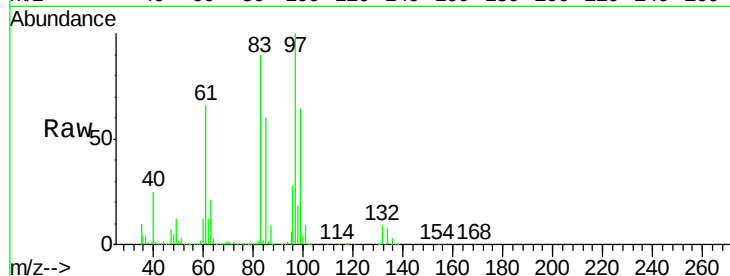
Ion	Ratio	Lower	Upper
97	100		
83	90.2	69.1	103.7
85	60.2	44.3	66.5
99	63.5	49.8	74.8

97 100

83 90.2 69.1 103.7

85 60.2 44.3 66.5

99 63.5 49.8 74.8



#56

Ethyl methacrylate

Concen: 20.312 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

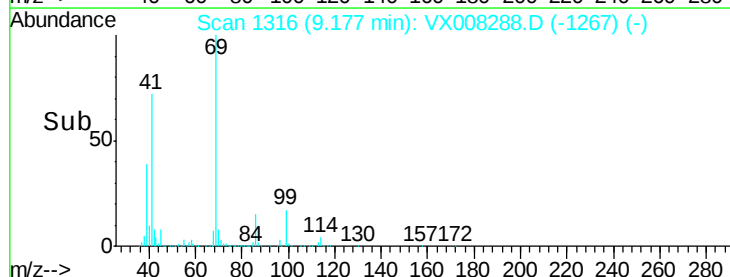
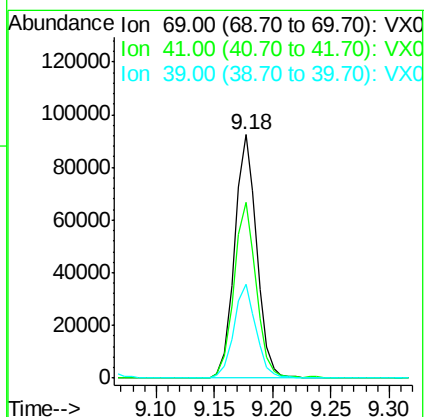
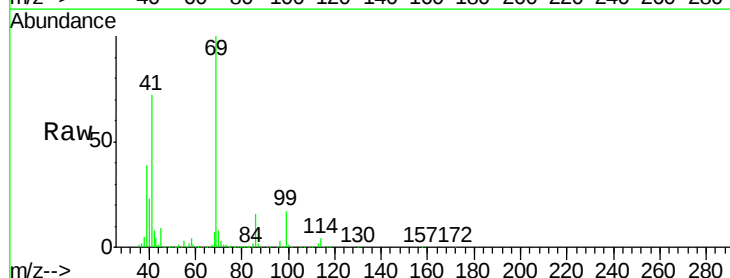
Tgt Ion: 69 Resp: 122580

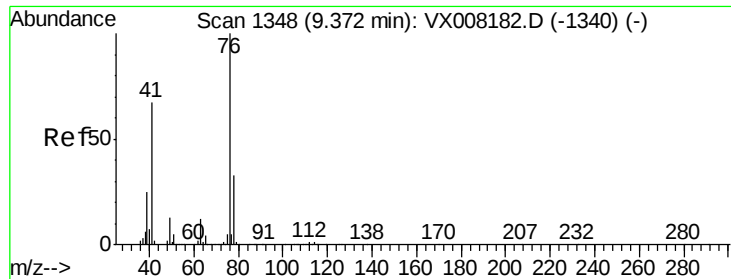
Ion	Ratio	Lower	Upper
69	100		
41	71.8	54.2	81.4
39	38.4	25.0	37.4#

69 100

41 71.8 54.2 81.4

39 38.4 25.0 37.4#





#57

1,3-Dichloropropane

Concen: 20.860 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

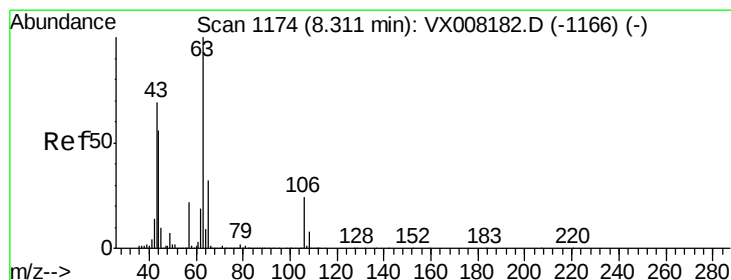
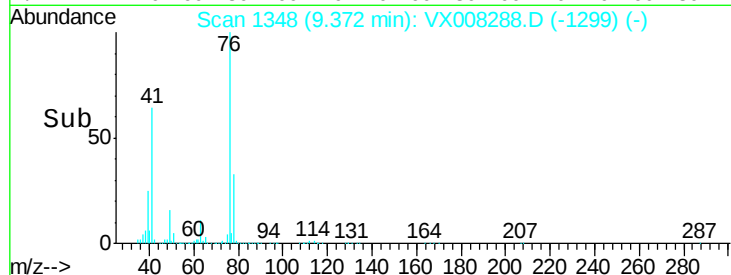
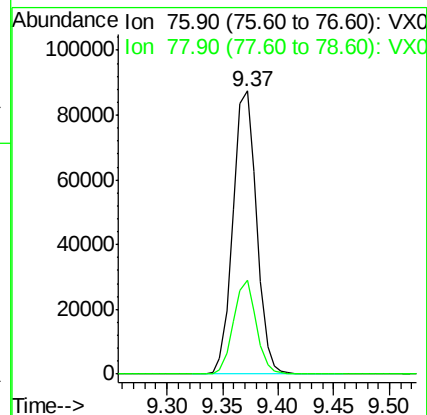
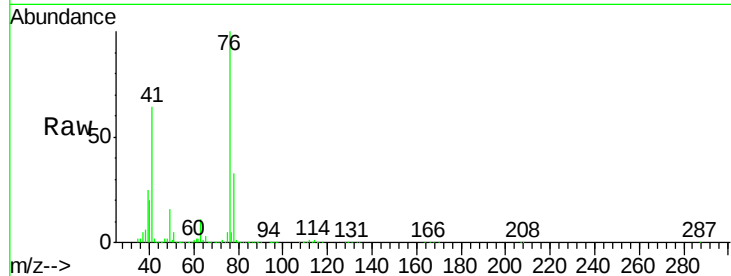
VX0321WBSD01

Tot Ion: 76 Resp: 128964

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 94.039 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008288.D

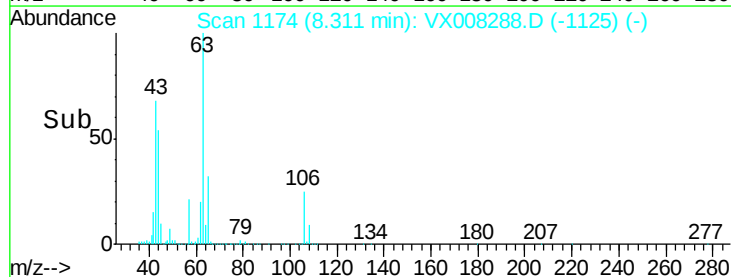
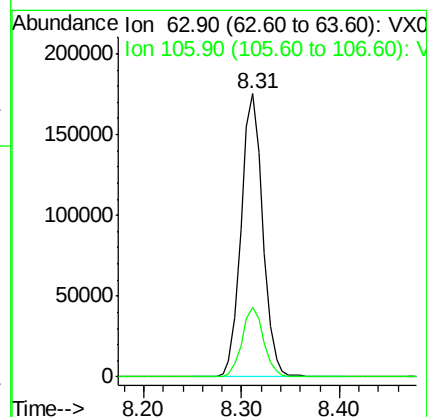
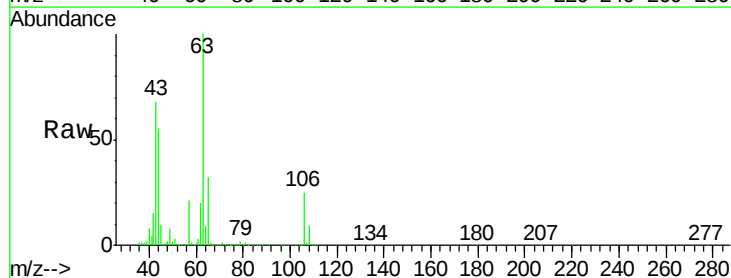
Acq: 21 Mar 2019 14:08

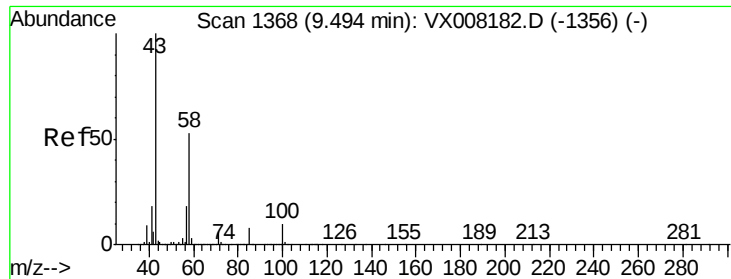
Tgt Ion: 63 Resp: 269272

Ion Ratio Lower Upper

63 100

106 24.4 22.2 33.2

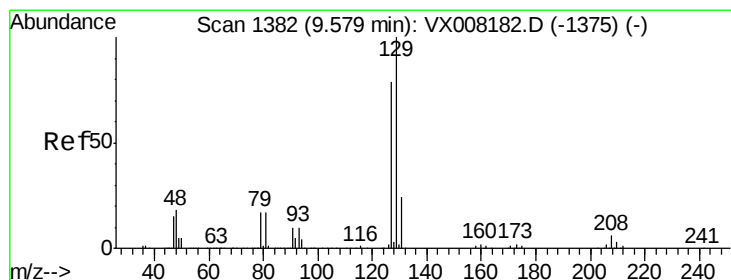
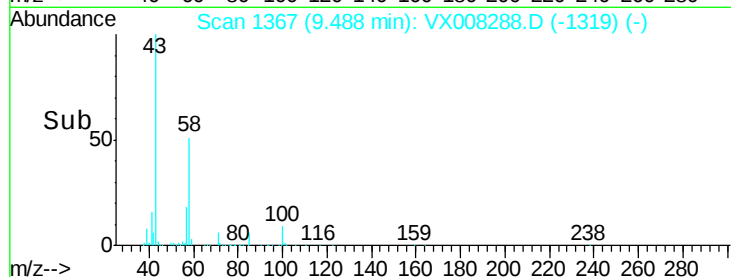
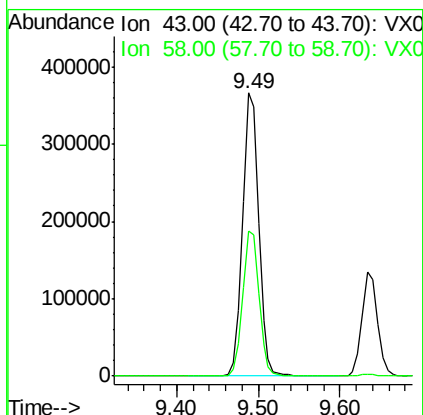
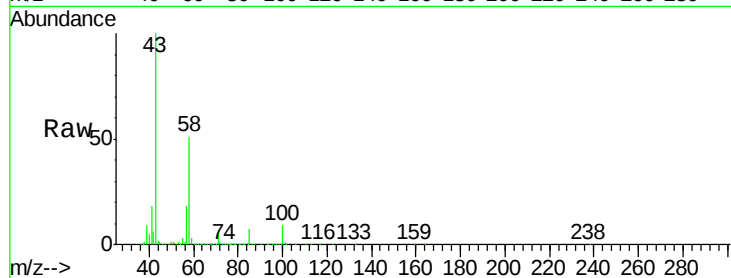




#59
2-Hexanone
Concen: 106.666 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

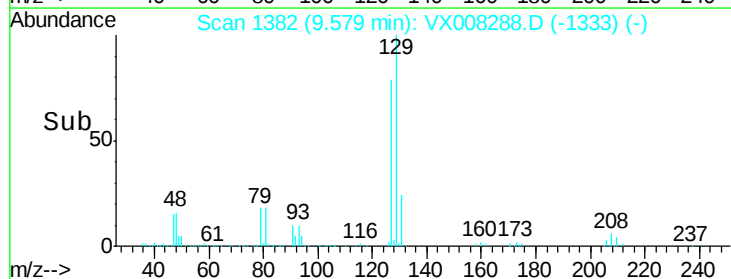
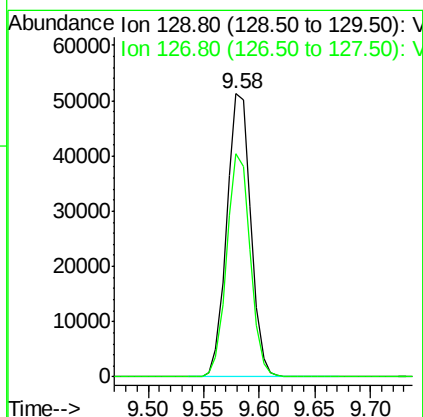
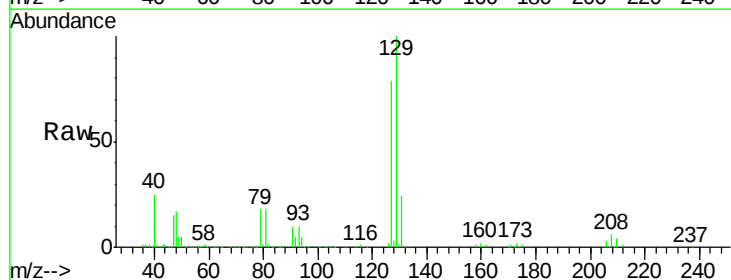
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD01

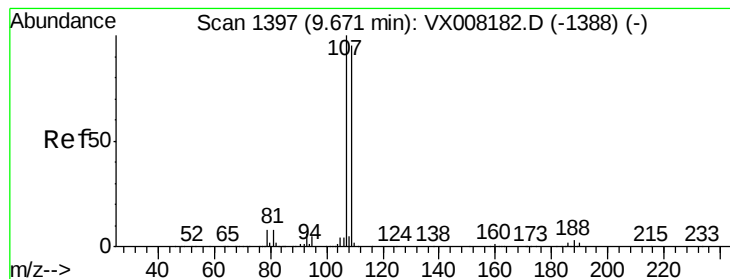
Tot Ion: 43 Resp: 495529
Ion Ratio Lower Upper
43 100
58 52.3 27.6 82.7



#60
Dibromochloromethane
Concen: 22.801 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

Tgt Ion:129 Resp: 76580
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.886 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

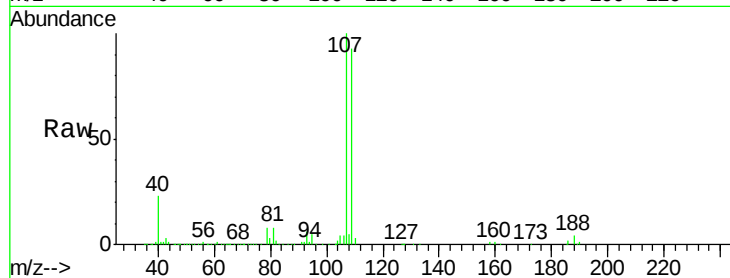
VX0321WBSD01

Tot Ion:107 Resp: 76215

Ion Ratio Lower Upper

107 100

109 93.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

60000

50000

40000

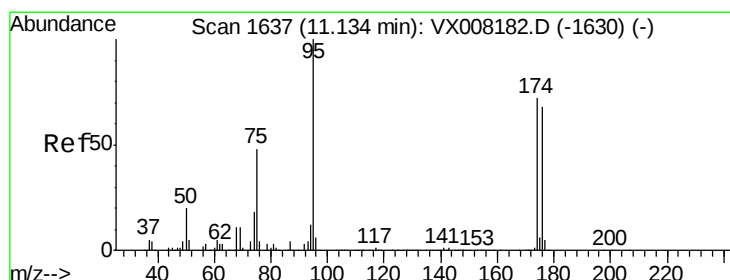
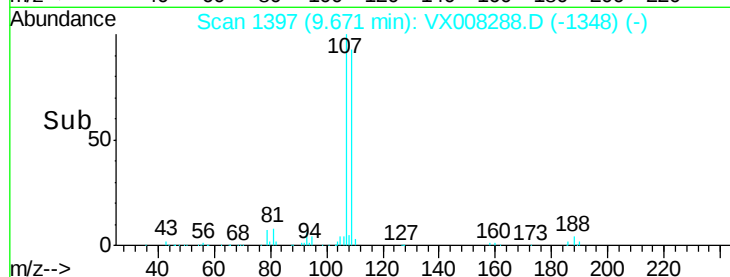
30000

20000

10000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 52.675 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

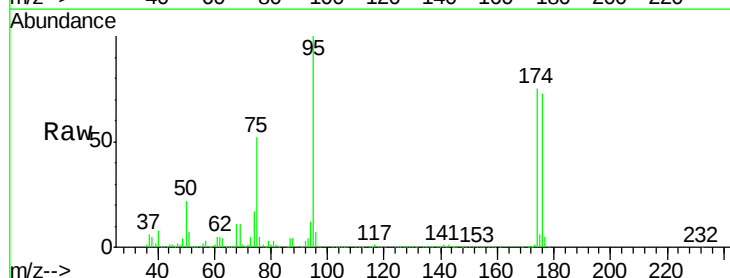
Tgt Ion: 95 Resp: 194766

Ion Ratio Lower Upper

95 100

174 78.5 0.0 182.8

176 77.2 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

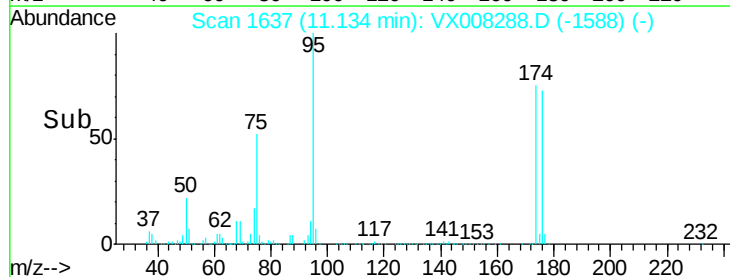
150000

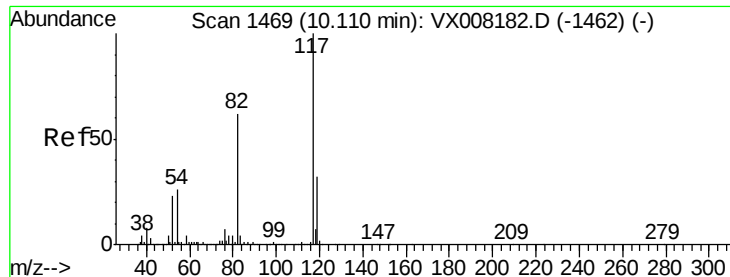
100000

50000

0

Time--> 11.05 11.10 11.15 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD01

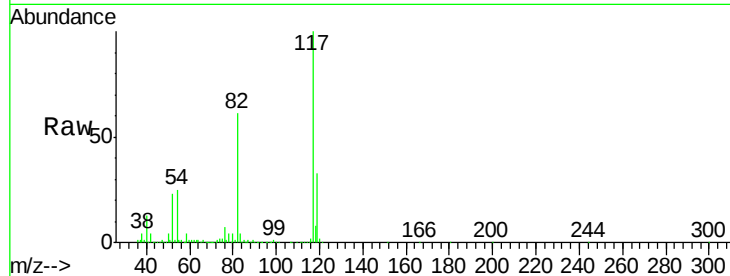
Tot Ion:117 Resp: 374181

Ion Ratio Lower Upper

117 100

82 61.1 44.3 66.5

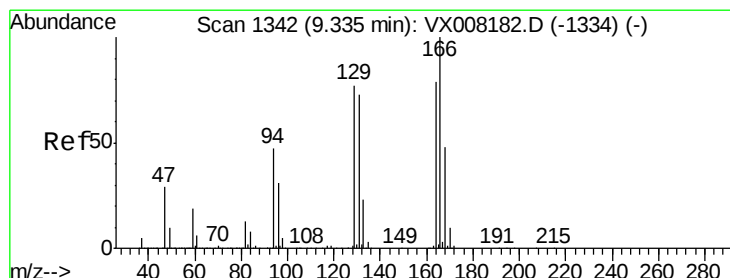
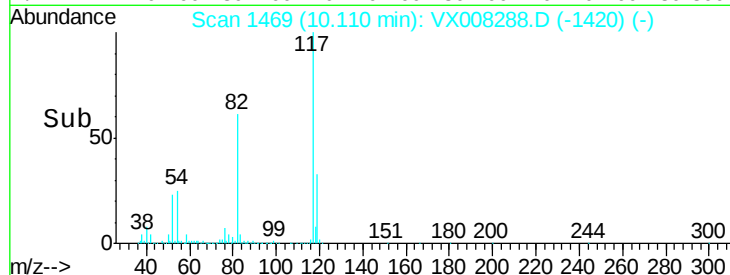
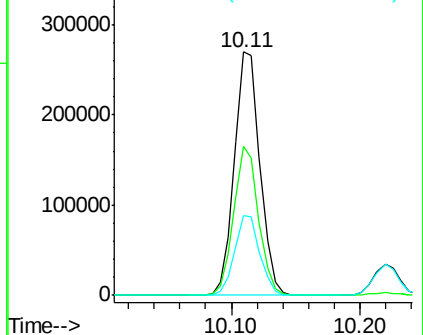
119 32.6 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.361 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Tgt Ion:164 Resp: 65359

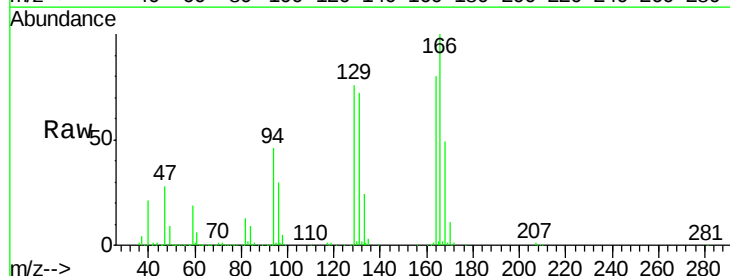
Ion Ratio Lower Upper

164 100

166 125.2 103.4 155.0

129 95.6 72.2 108.4

131 90.5 69.4 104.2

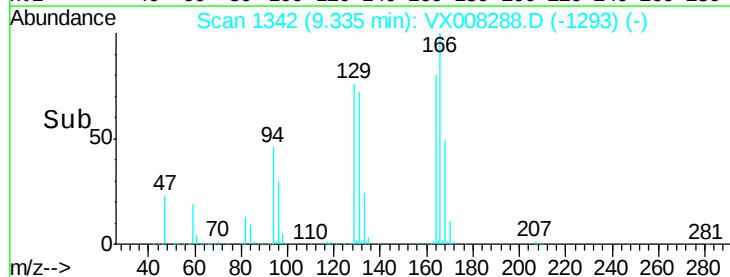
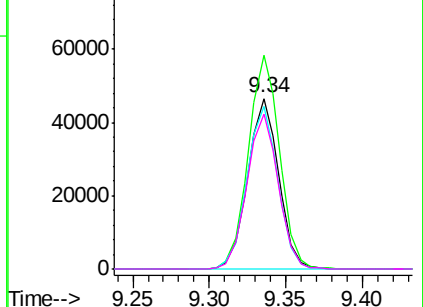


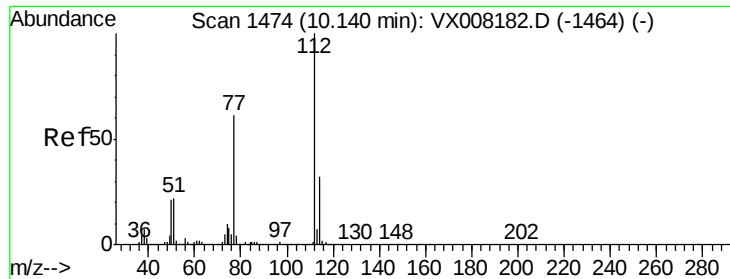
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.288 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

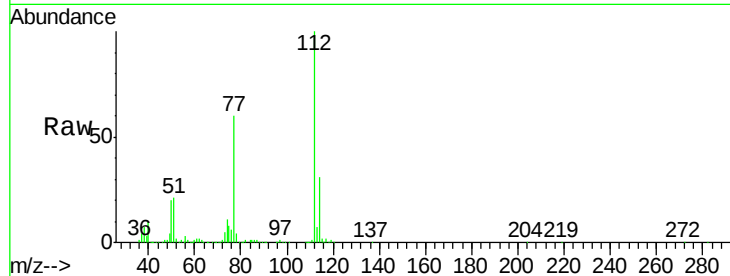
VX0321WBSD01

Tot Ion:112 Resp: 186796

Ion Ratio Lower Upper

112 100

114 31.4 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

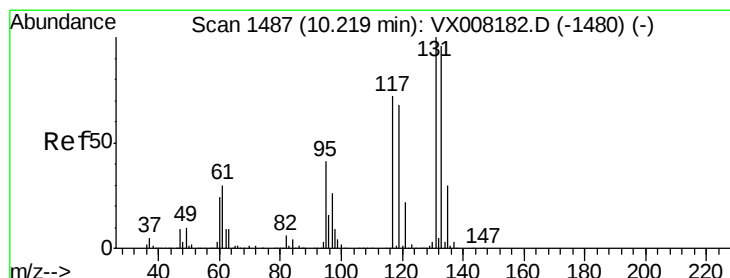
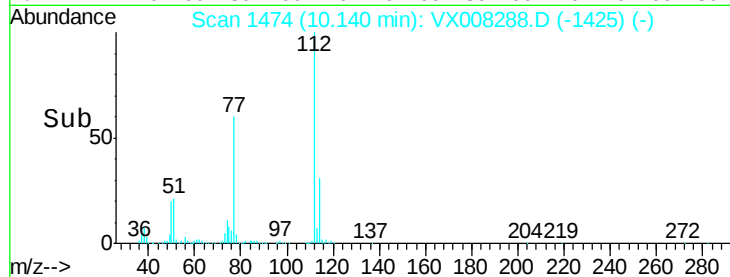
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.036 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

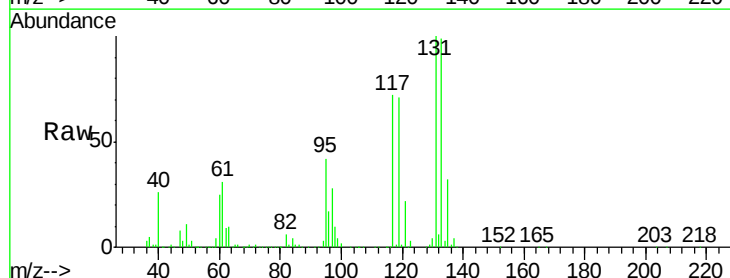
Tgt Ion:131 Resp: 67529

Ion Ratio Lower Upper

131 100

133 96.9 47.8 143.3

119 68.4 32.5 97.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

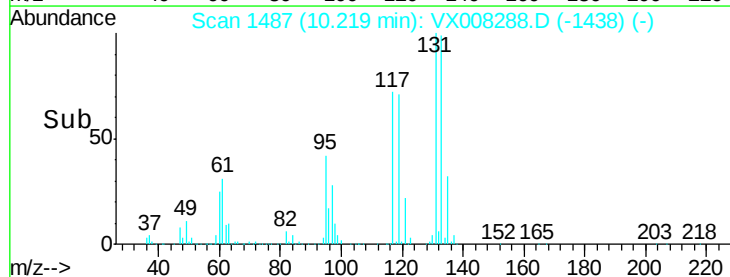
60000

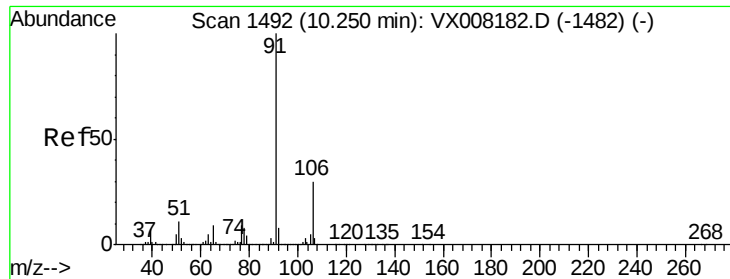
40000

20000

0

Time-->

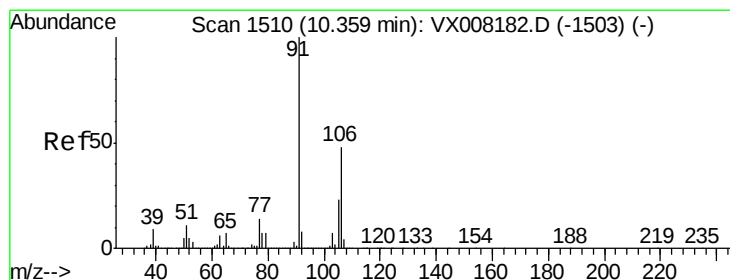
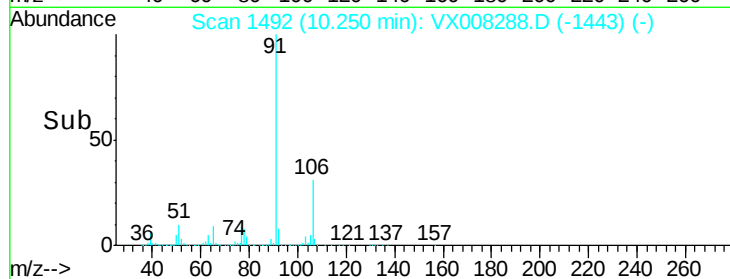
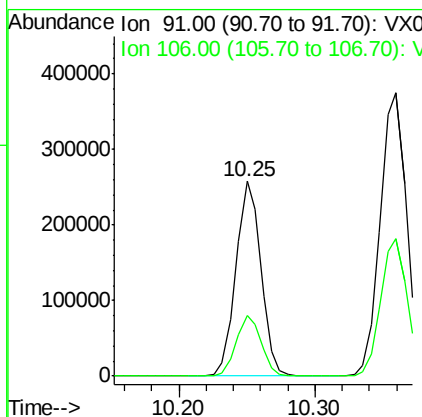
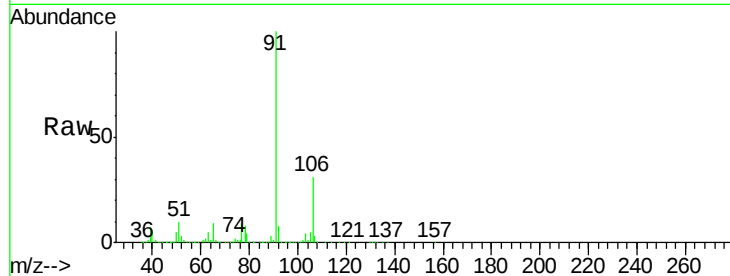




#67
Ethyl Benzene
Concen: 20.361 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

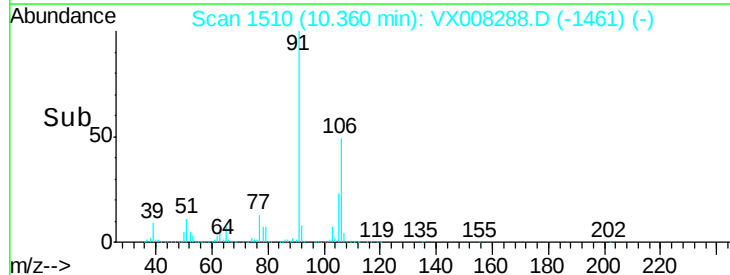
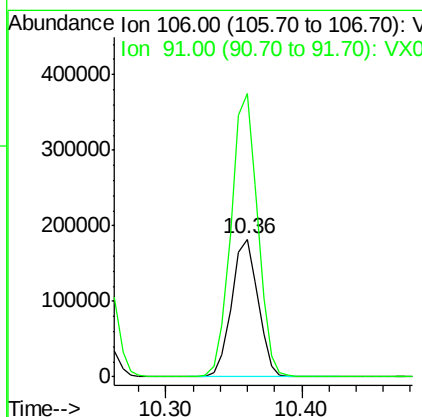
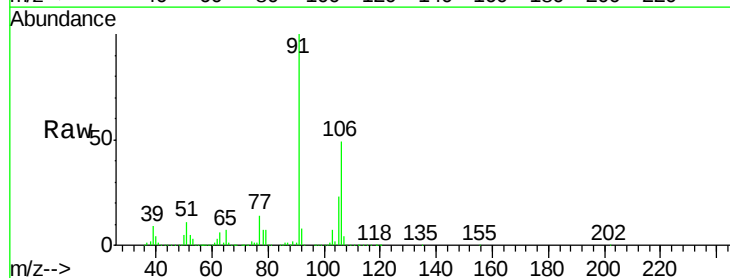
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD01

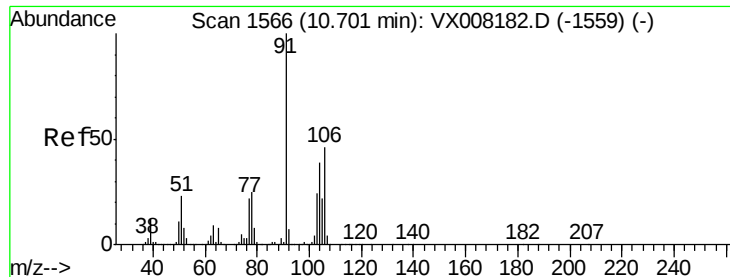
Tot Ion: 91 Resp: 330355
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8



#68
m/p-Xylenes
Concen: 41.386 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

Tgt Ion: 106 Resp: 246659
Ion Ratio Lower Upper
106 100
91 206.5 159.8 239.6

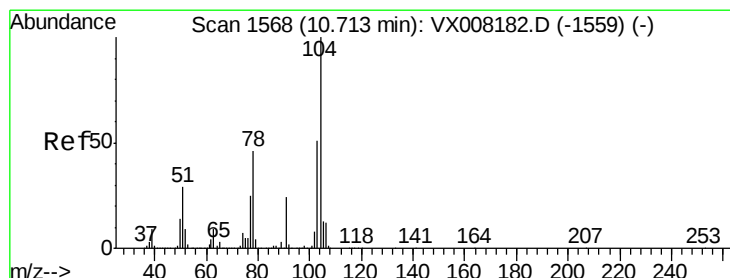
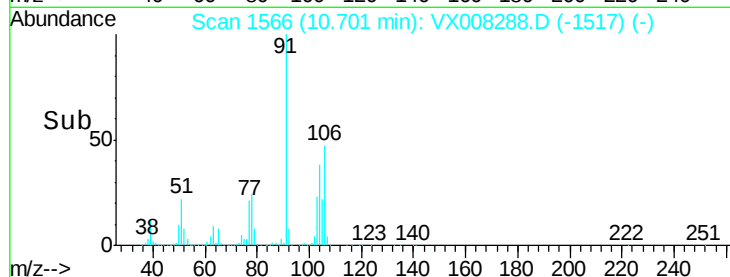
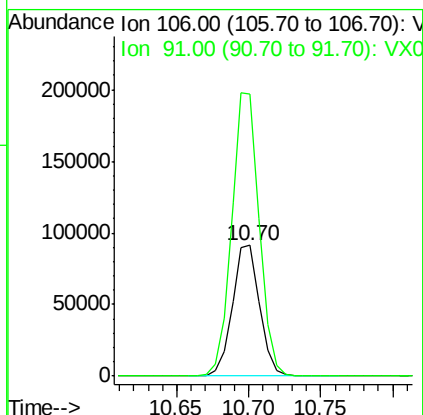
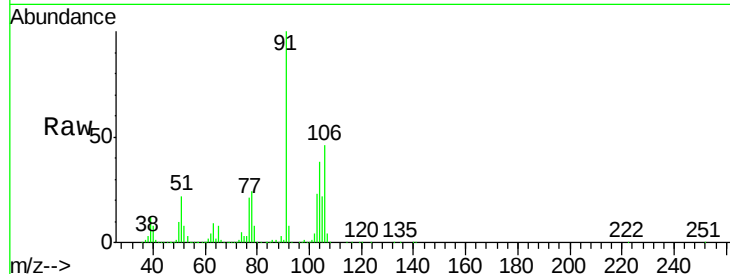




#69
o-Xylene
Concen: 20.899 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

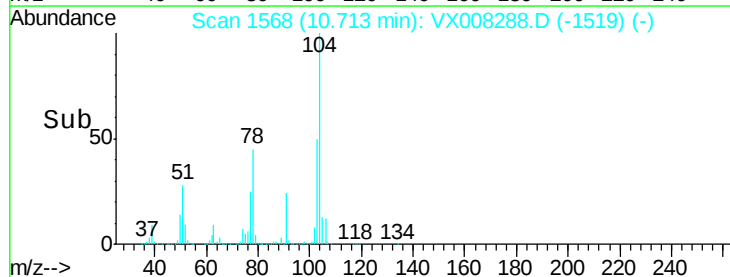
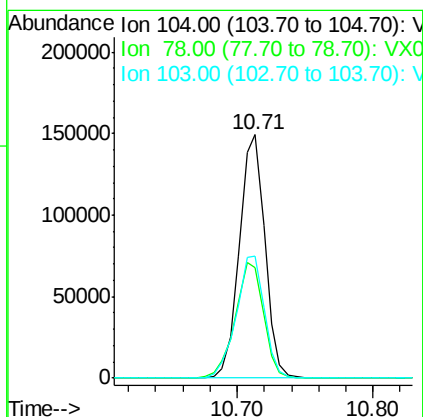
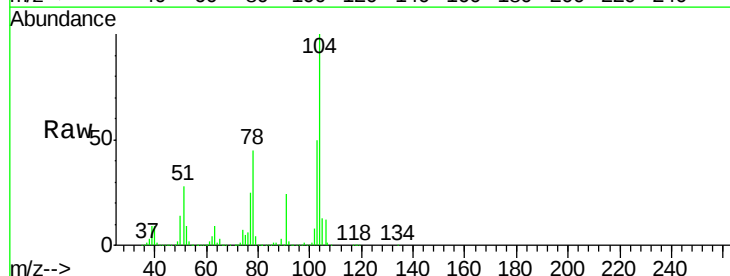
Instrument :
MSVOA_X
ClientSampled :
VX0321WBSD01

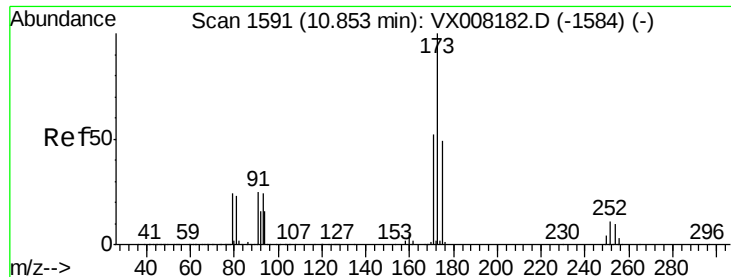
Tot Ion:106 Resp: 121035
Ion Ratio Lower Upper
106 100
91 218.5 106.3 318.9



#70
Styrene
Concen: 20.802 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008288.D
Acq: 21 Mar 2019 14:08

Tgt Ion:104 Resp: 195787
Ion Ratio Lower Upper
104 100
78 52.8 38.5 57.7
103 55.6 44.1 66.1





#71

Bromoform

Concen: 21.815 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD01

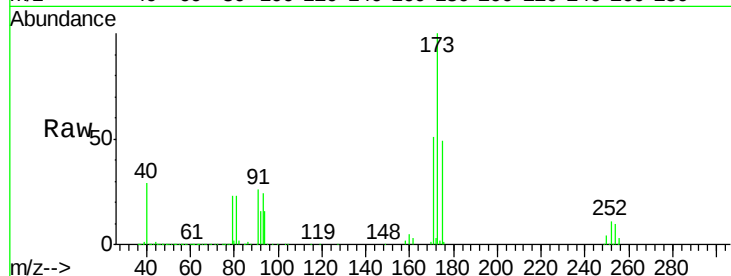
Tot Ion:173 Resp: 56747

Ion Ratio Lower Upper

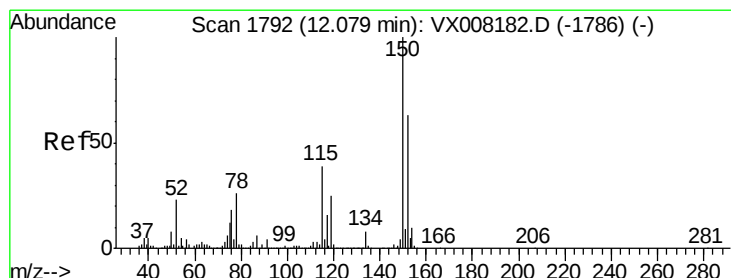
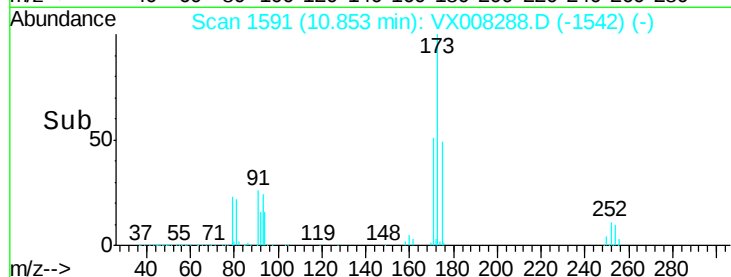
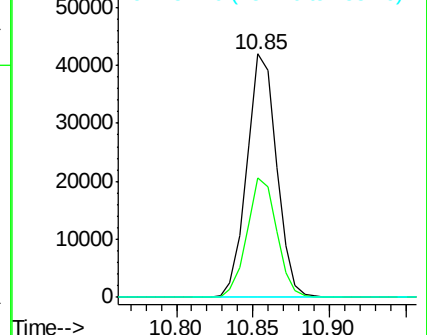
173 100

175 49.2 24.3 72.9

254 0.3 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. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

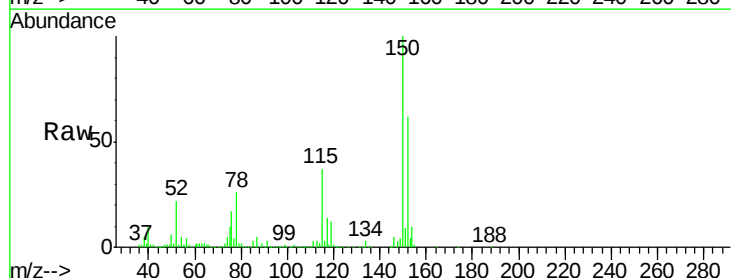
Tgt Ion:152 Resp: 171999

Ion Ratio Lower Upper

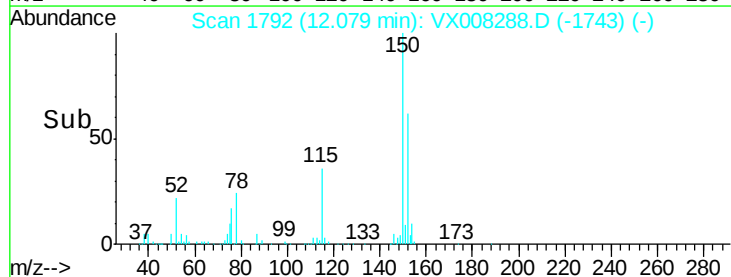
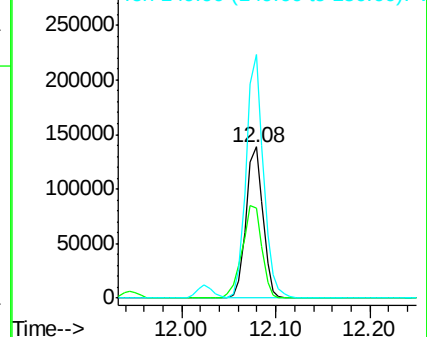
152 100

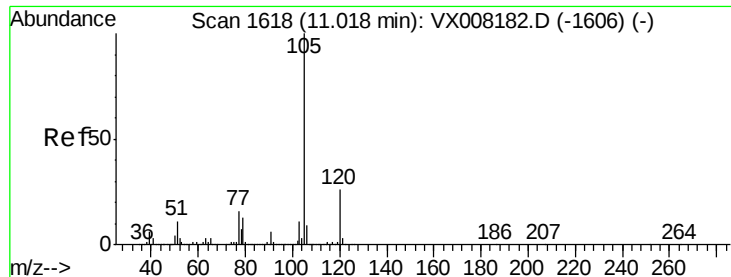
115 71.3 38.6 115.7

150 165.4 0.0 348.4



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: 21.045 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

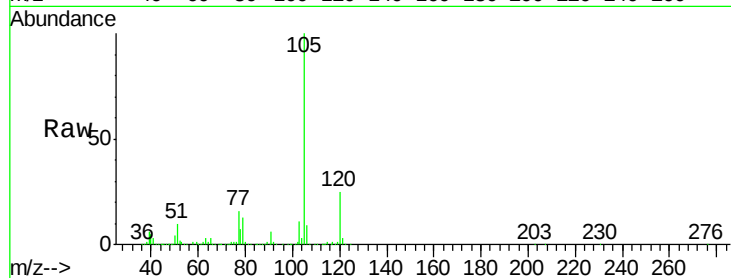
VX0321WBSD01

Tot Ion: 105 Resp: 322647

Ion Ratio Lower Upper

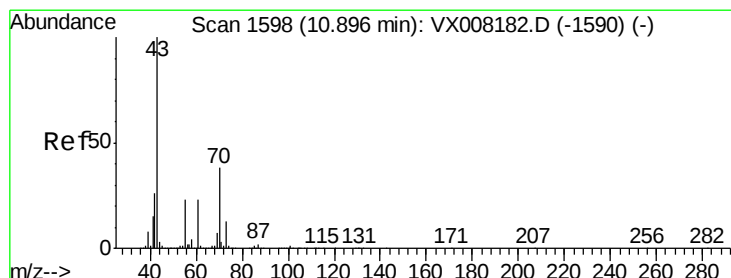
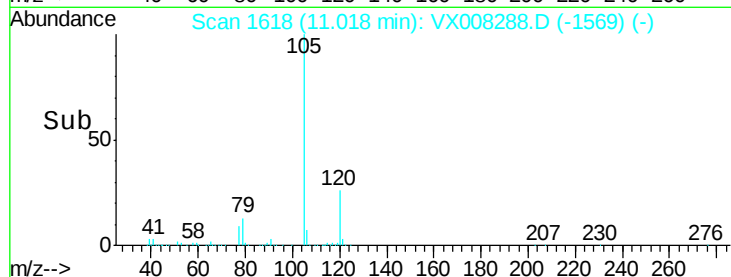
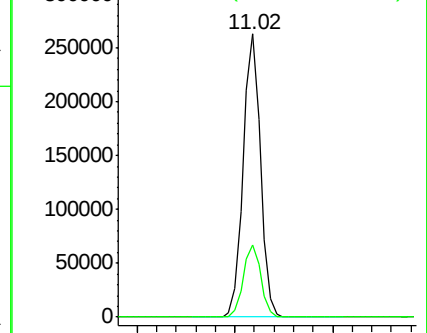
105 100

120 25.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.976 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Tgt Ion: 43 Resp: 168485

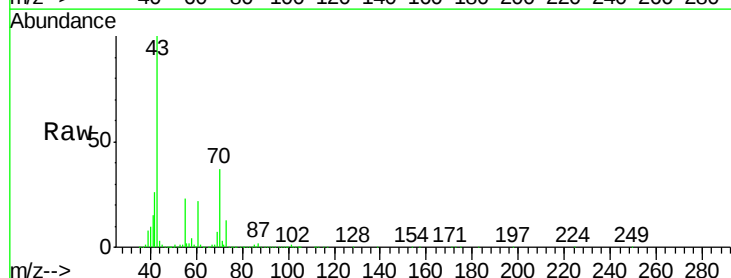
Ion Ratio Lower Upper

43 100

70 38.2 33.5 50.3

55 23.8 19.2 28.8

61 22.8 19.0 28.6

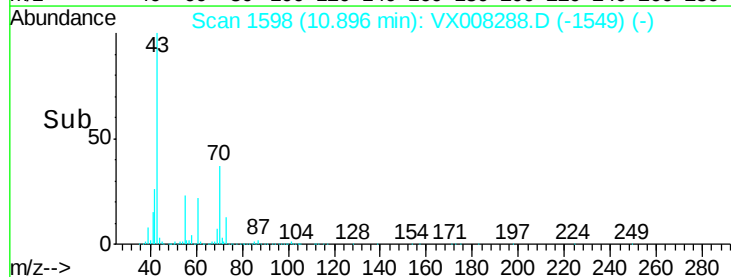
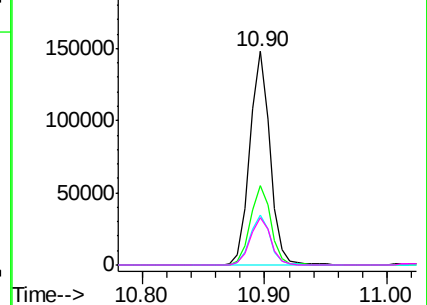


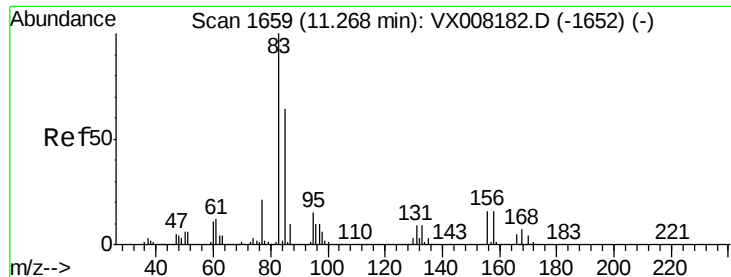
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.574 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD01

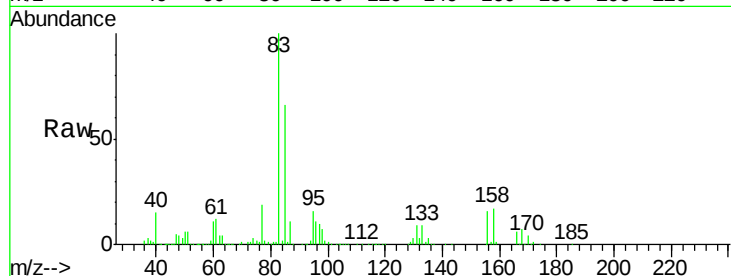
Tot Ion: 83 Resp: 118601

Ion Ratio Lower Upper

83 100

131 9.2 5.4 16.2

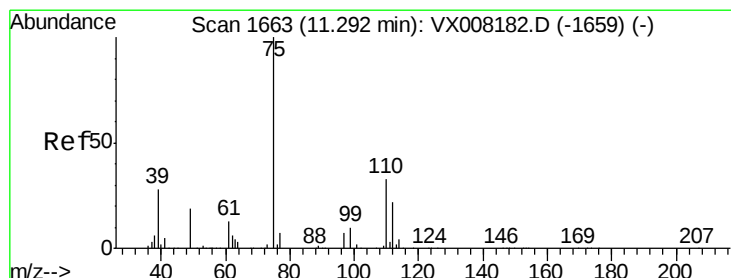
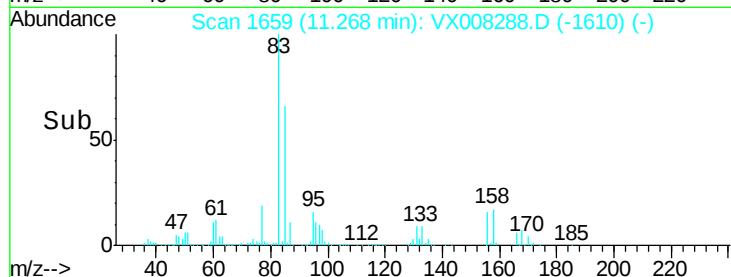
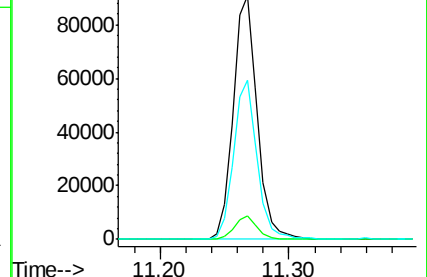
85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 28.041 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008288.D

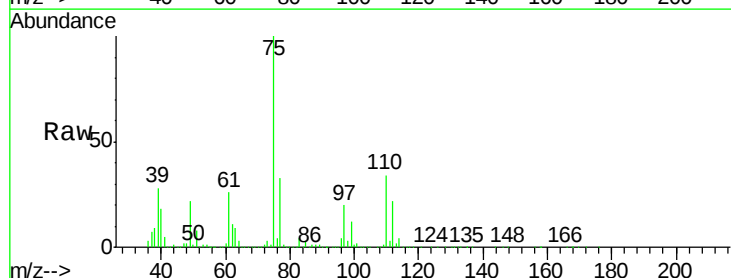
Acq: 21 Mar 2019 14:08

Tgt Ion: 75 Resp: 135651

Ion Ratio Lower Upper

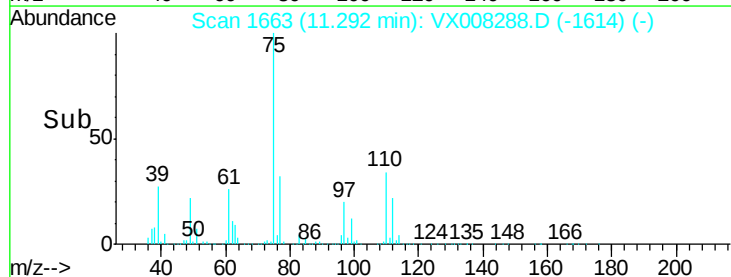
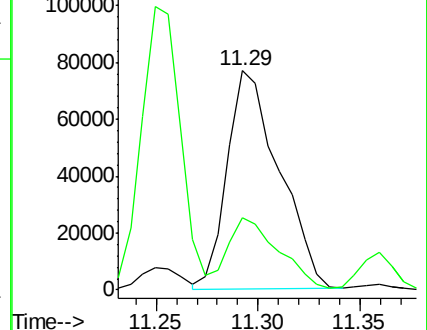
75 100

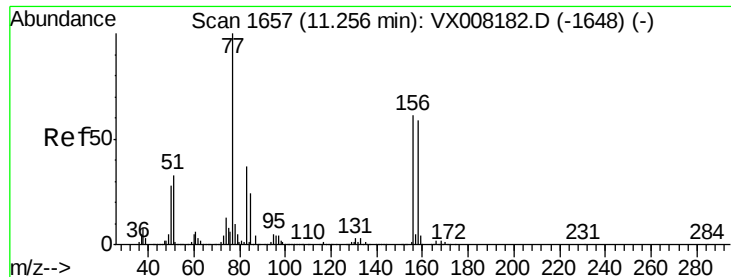
77 32.6 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.702 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampled :

VX0321WBSD01

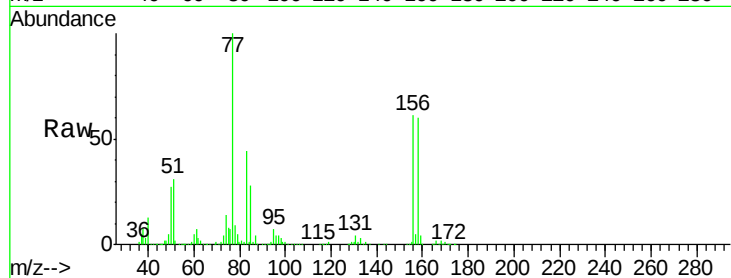
Tot Ion:156 Resp: 76740

Ion Ratio Lower Upper

156 100

77 173.0 72.0 215.9

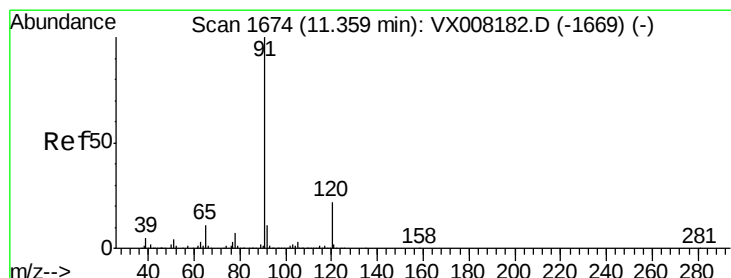
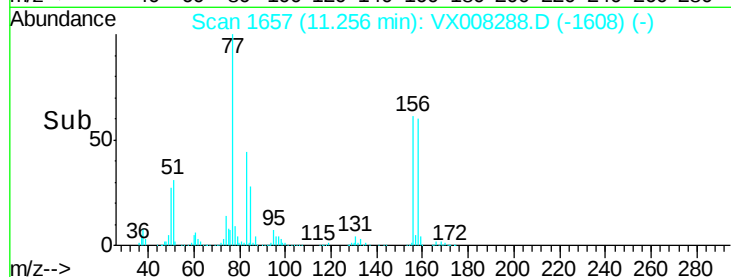
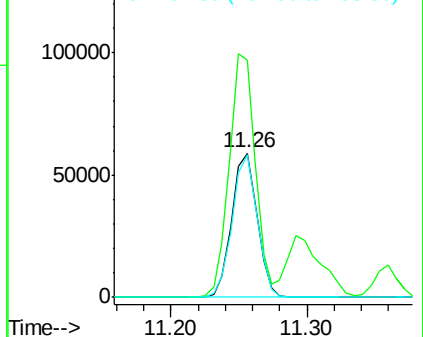
158 97.3 48.6 145.9



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: 20.772 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008288.D

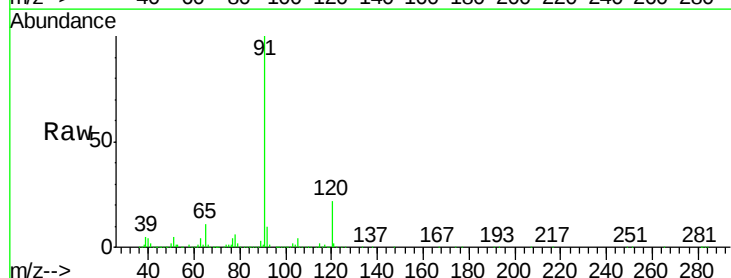
Acq: 21 Mar 2019 14:08

Tgt Ion: 91 Resp: 369874

Ion Ratio Lower Upper

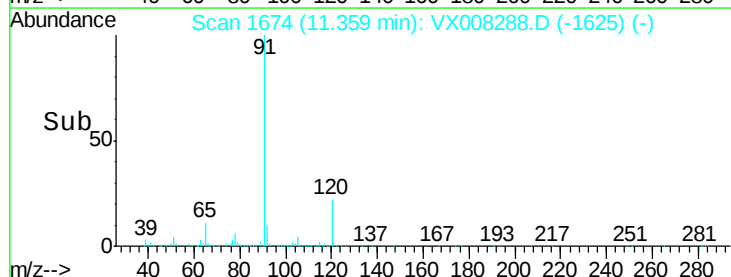
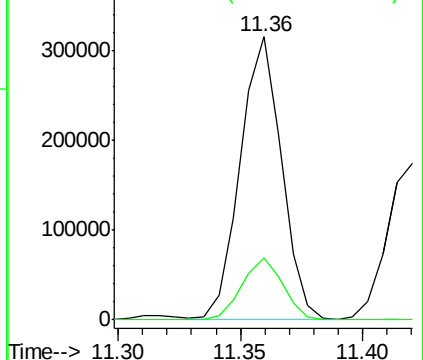
91 100

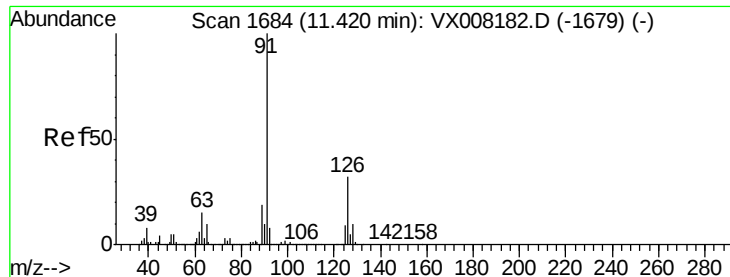
120 22.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.664 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

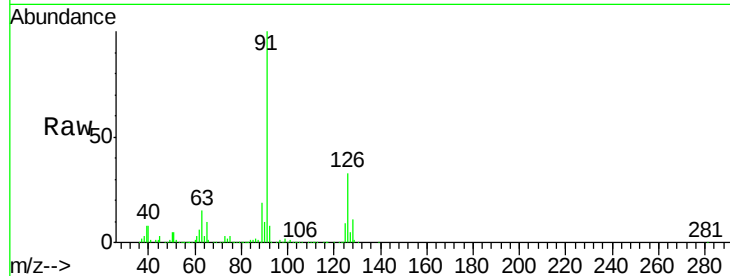
VX0321WBSD01

Tot Ion: 91 Resp: 220854

Ion Ratio Lower Upper

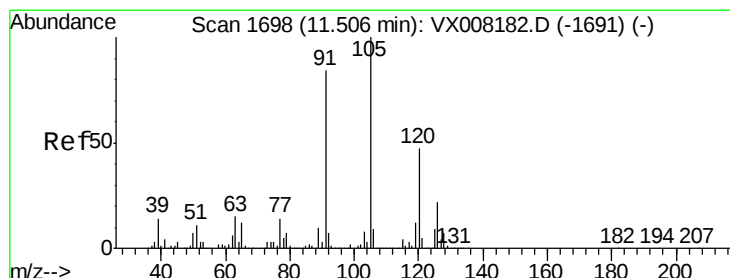
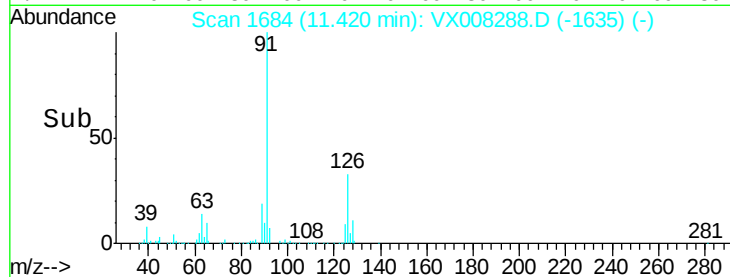
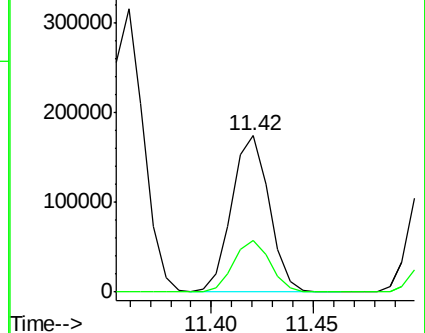
91 100

126 32.9 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.662 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008288.D

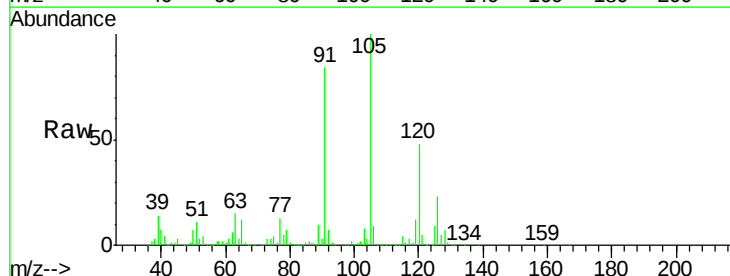
Acq: 21 Mar 2019 14:08

Tgt Ion: 105 Resp: 261701

Ion Ratio Lower Upper

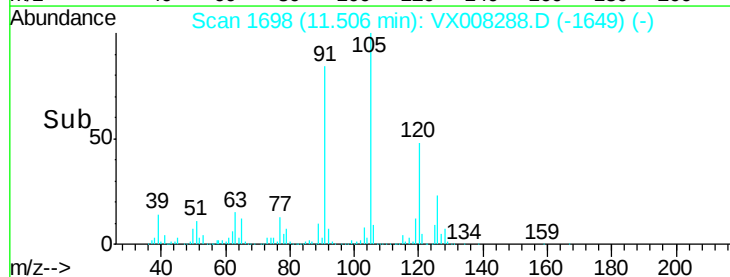
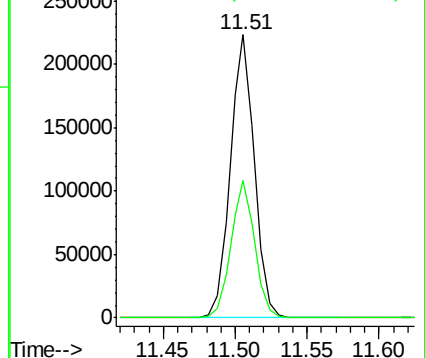
105 100

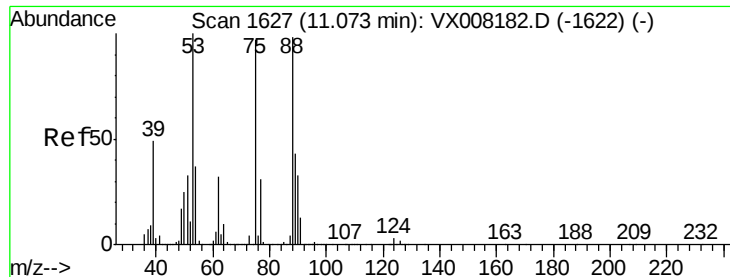
120 47.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.051 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampled :

VX0321WBSD01

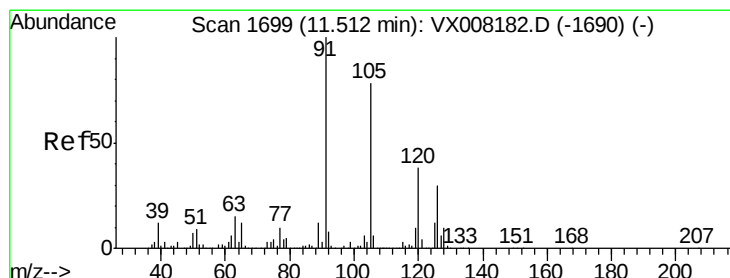
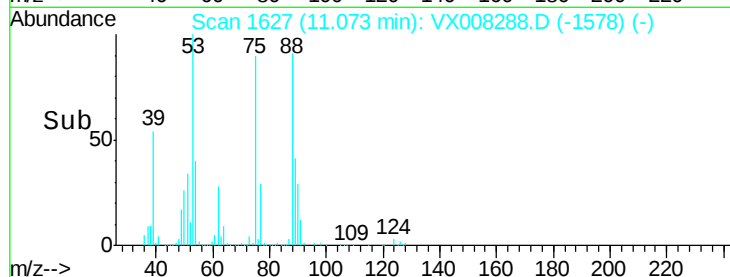
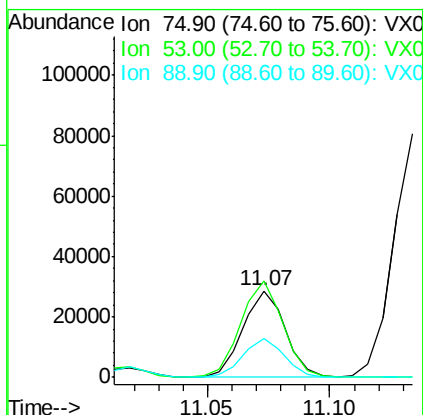
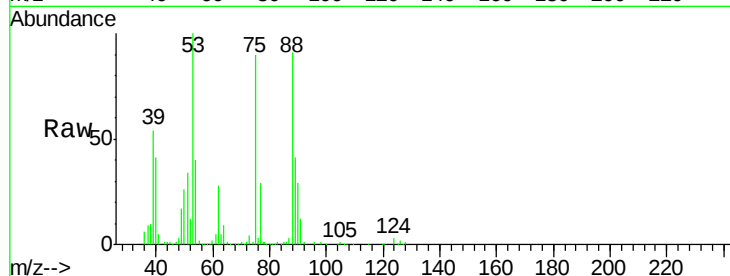
Tot Ion: 75 Resp: 34415

Ion Ratio Lower Upper

75 100

53 110.5 76.1 114.1

89 45.2 36.3 54.5



#82

4-Chlorotoluene

Concen: 20.117 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008288.D

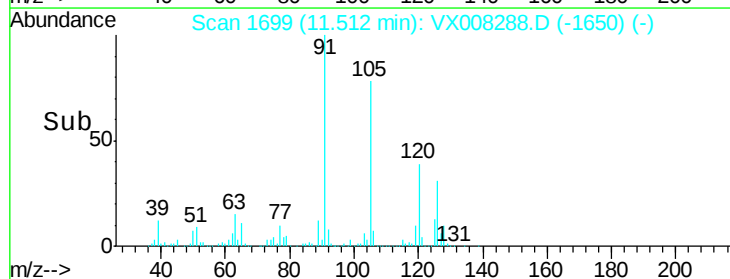
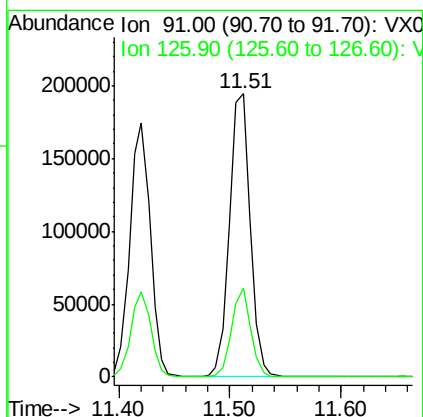
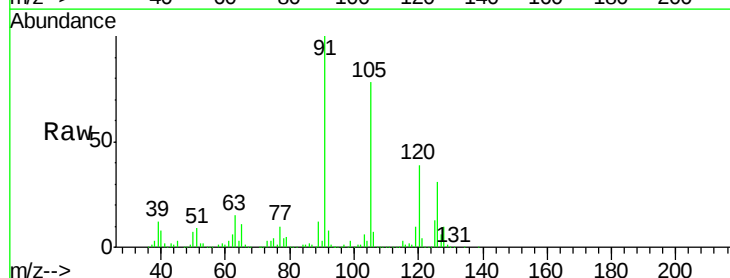
Acq: 21 Mar 2019 14:08

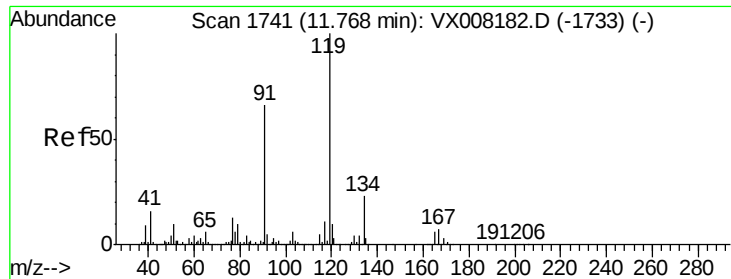
Tgt Ion: 91 Resp: 250193

Ion Ratio Lower Upper

91 100

126 29.0 15.6 46.8





#83

tert-Butylbenzene

Concen: 21.202 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD01

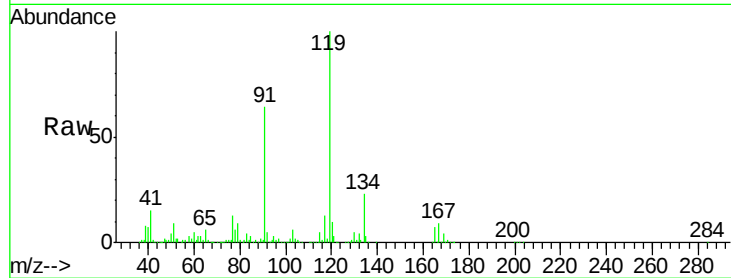
Tot Ion:119 Resp: 256393

Ion Ratio Lower Upper

119 100

91 59.9 27.1 81.3

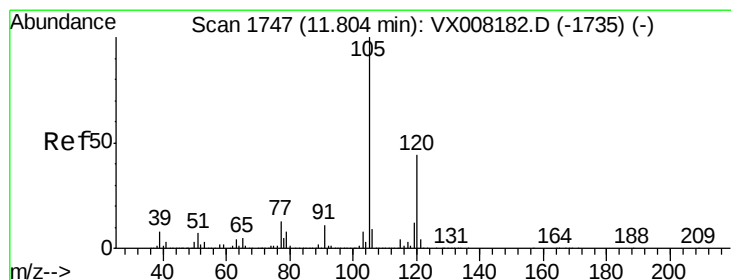
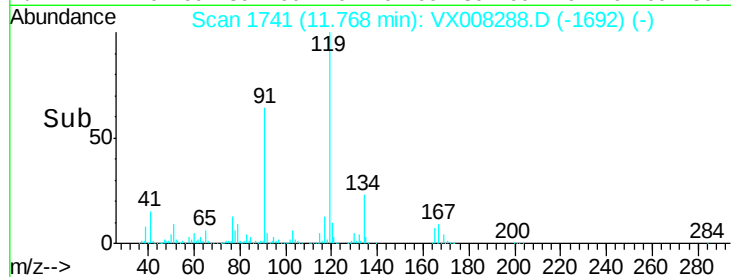
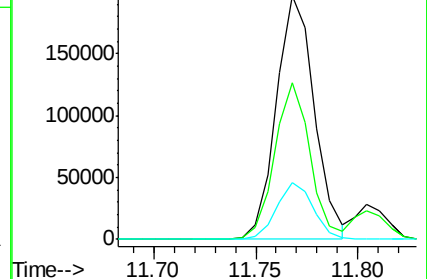
134 22.6 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.003 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008288.D

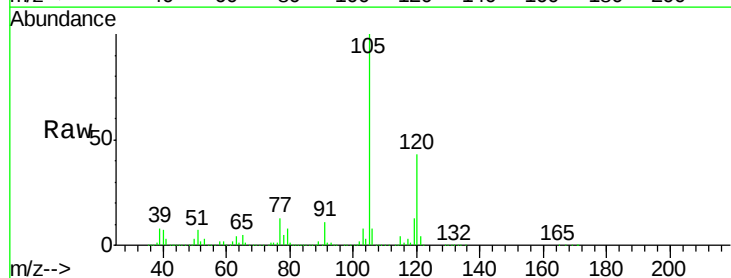
Acq: 21 Mar 2019 14:08

Tgt Ion:105 Resp: 269692

Ion Ratio Lower Upper

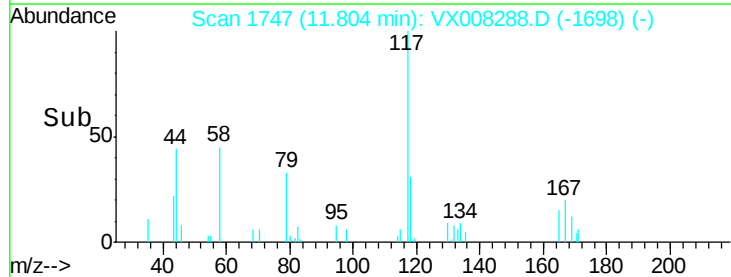
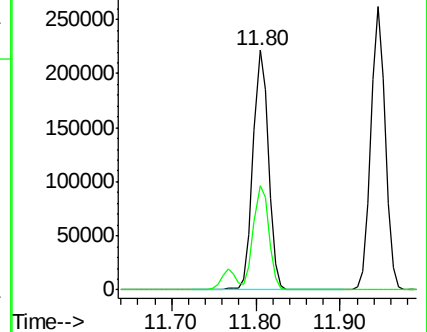
105 100

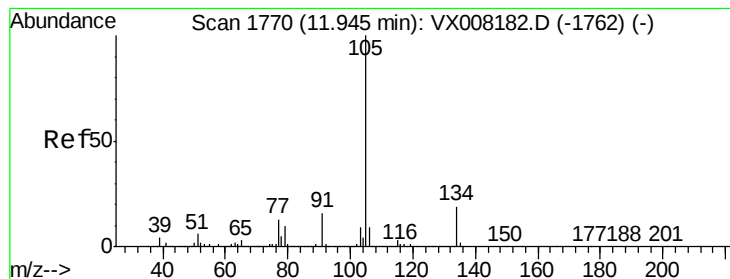
120 43.3 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.942 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

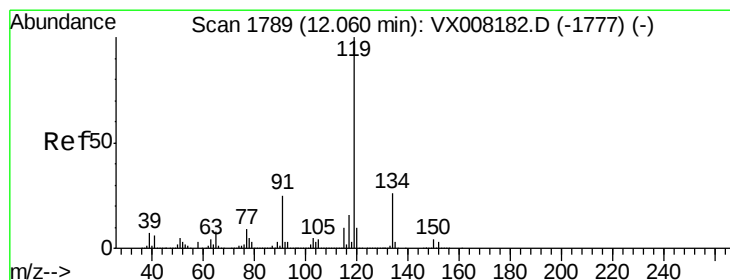
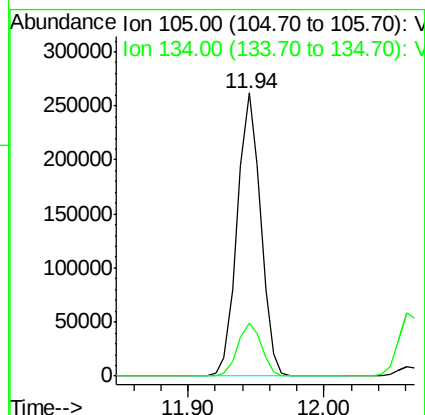
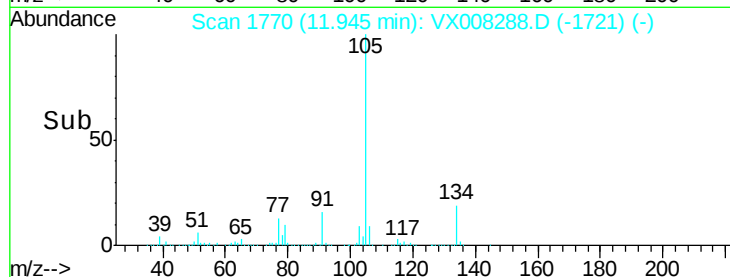
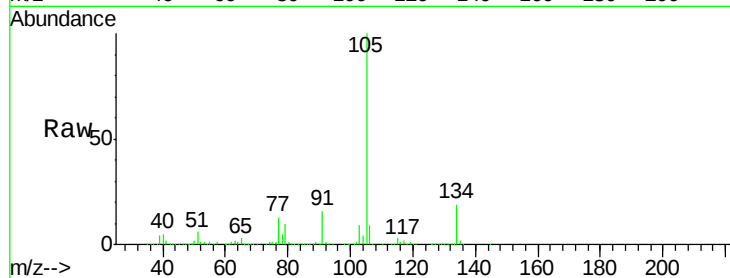
VX0321WBSD01

Tot Ion:105 Resp: 313615

Ion Ratio Lower Upper

105 100

134 19.3 10.4 31.2



#86

p-Isopropyltoluene

Concen: 20.789 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

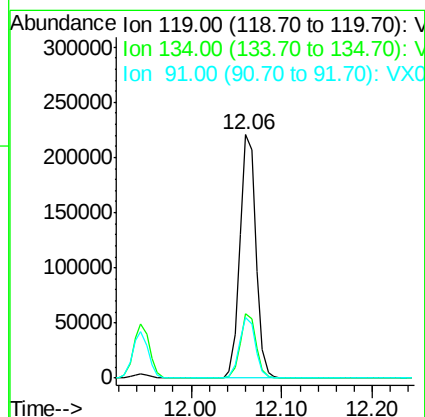
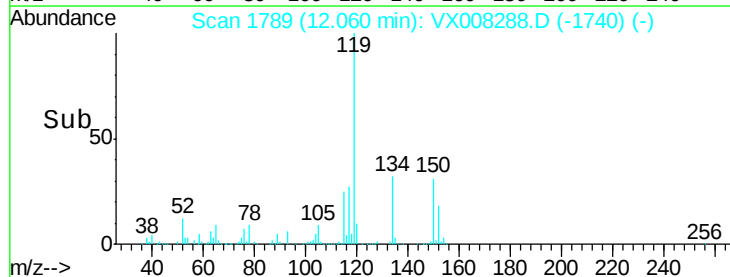
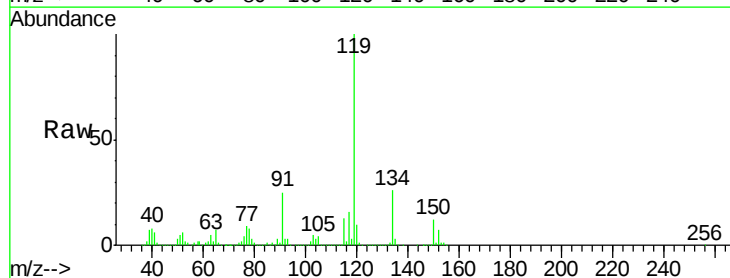
Tgt Ion:119 Resp: 269479

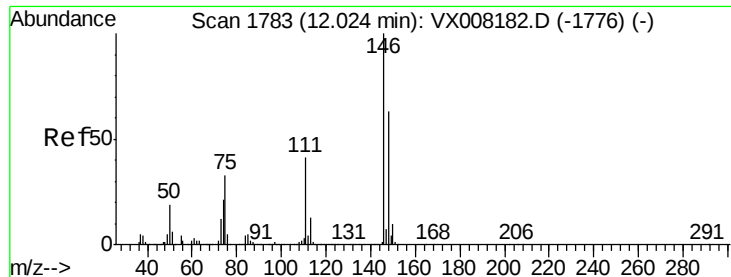
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

91 24.7 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 20.566 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD01

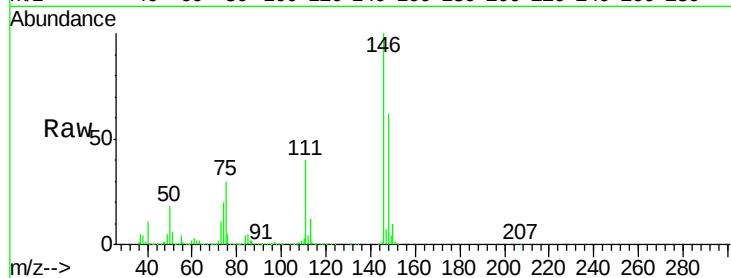
Tot Ion:146 Resp: 136242

Ion Ratio Lower Upper

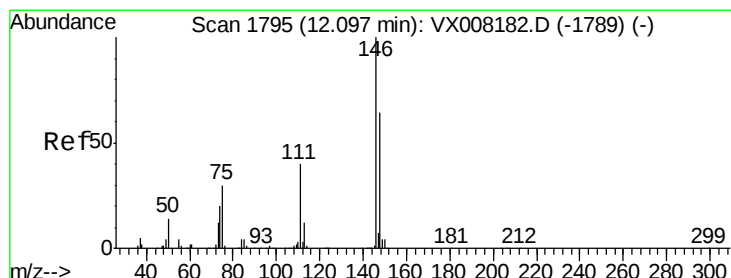
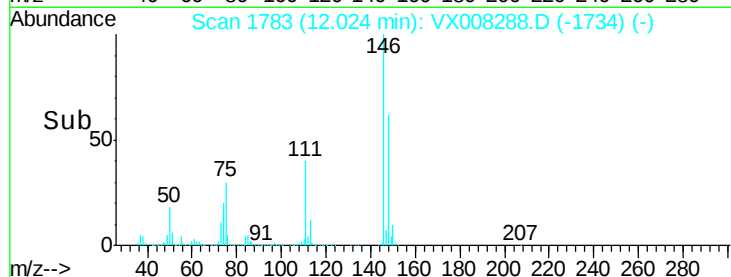
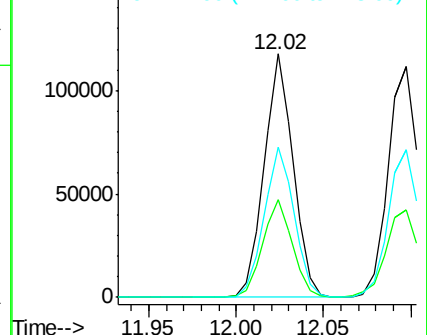
146 100

111 40.7 18.9 56.7

148 63.6 31.7 95.1



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



#88

1,4-Dichlorobenzene

Concen: 19.881 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

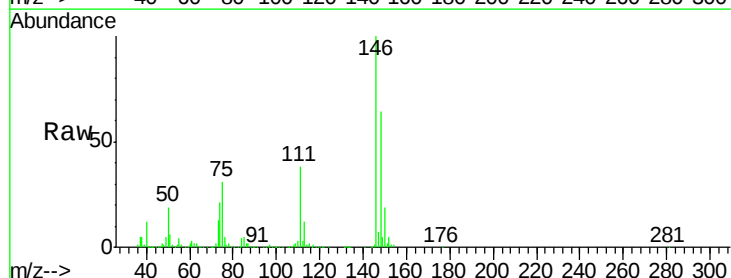
Tgt Ion:146 Resp: 136228

Ion Ratio Lower Upper

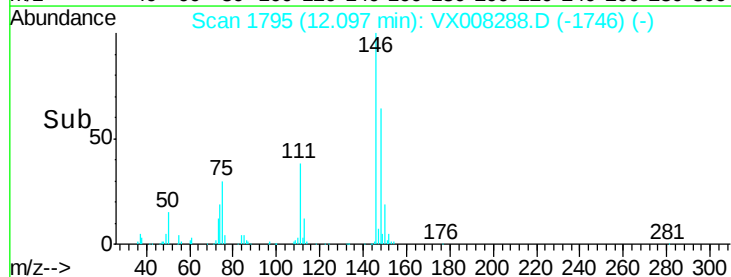
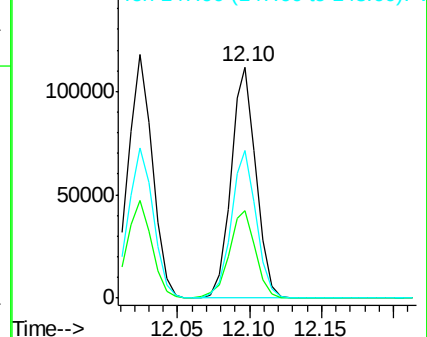
146 100

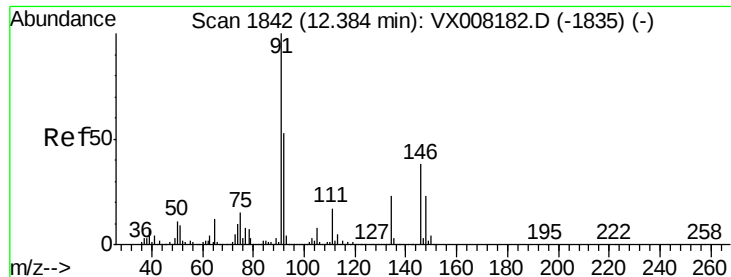
111 40.1 18.4 55.0

148 64.0 32.2 96.6



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





#89

n-Butylbenzene

Concen: 20.060 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD01

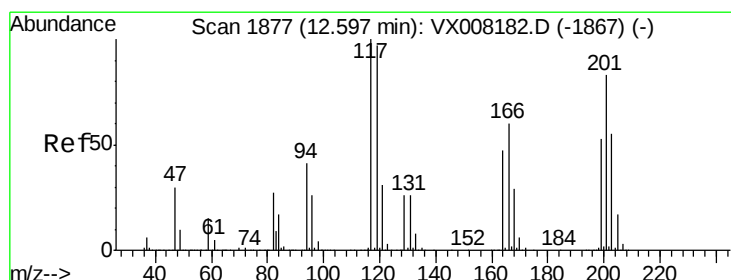
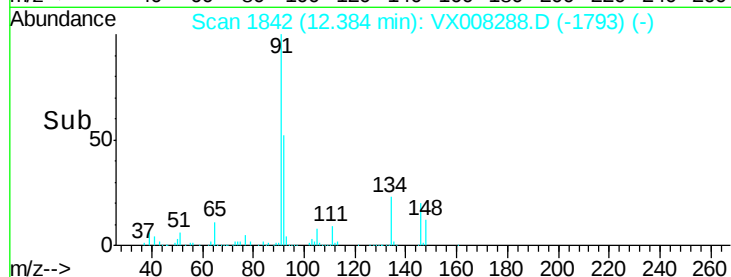
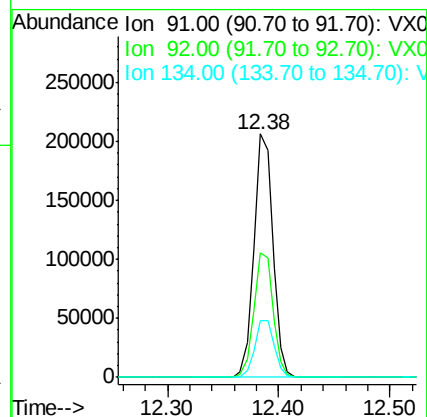
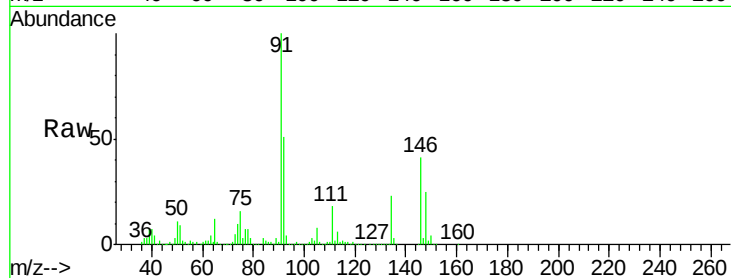
Tot Ion: 91 Resp: 244053

Ion Ratio Lower Upper

91 100

92 51.9 27.0 80.8

134 24.0 13.7 41.0



#90

Hexachloroethane

Concen: 22.032 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008288.D

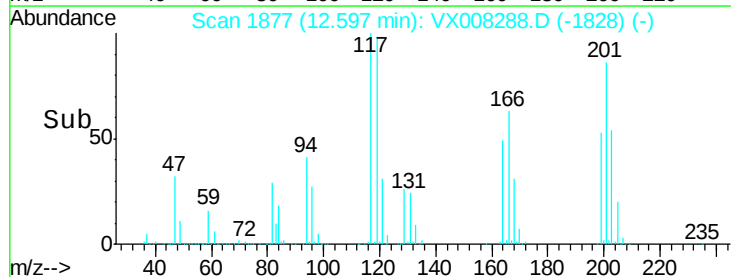
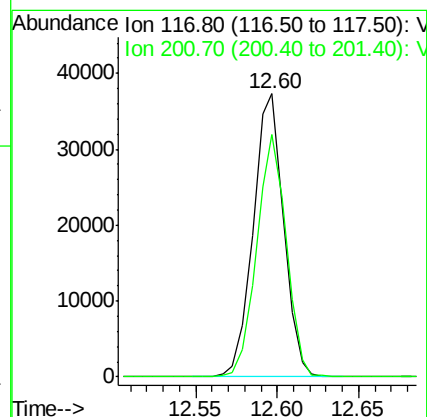
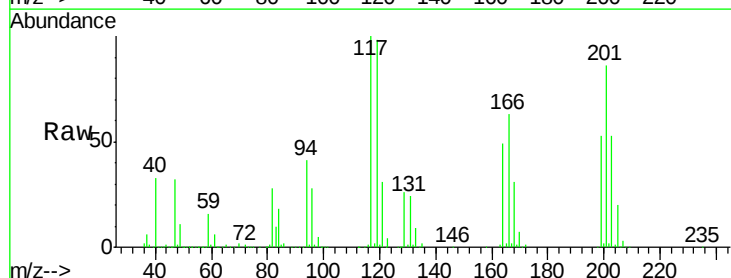
Acq: 21 Mar 2019 14:08

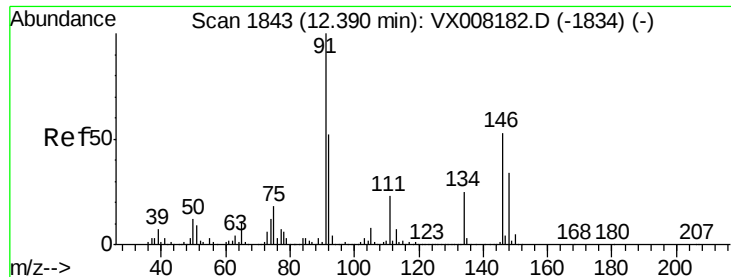
Tgt Ion: 117 Resp: 48640

Ion Ratio Lower Upper

117 100

201 82.9 48.9 146.7

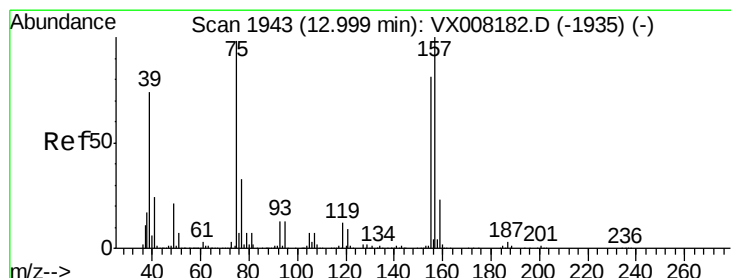
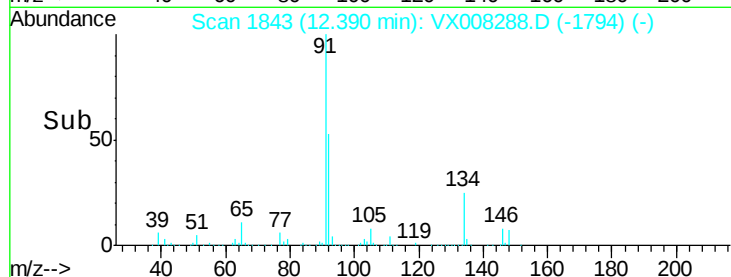
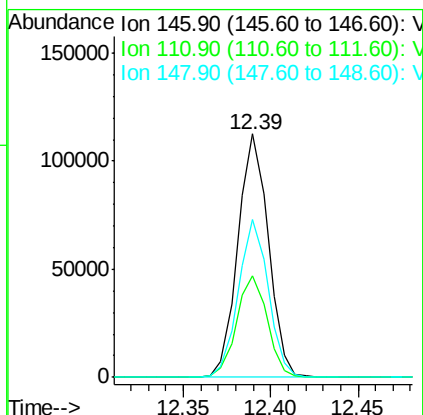
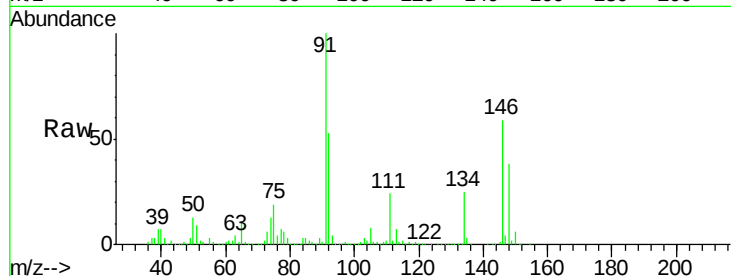




#91
 1,2-Dichlorobenzene
 Concen: 20.514 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008288.D
 Acq: 21 Mar 2019 14:08

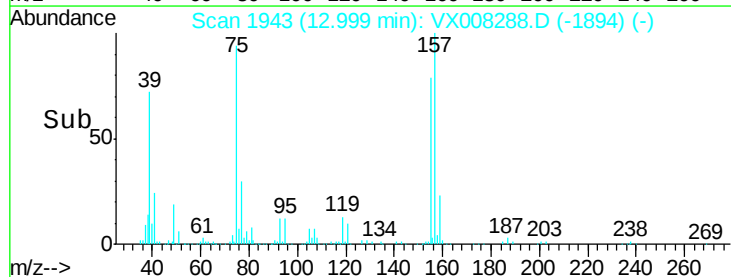
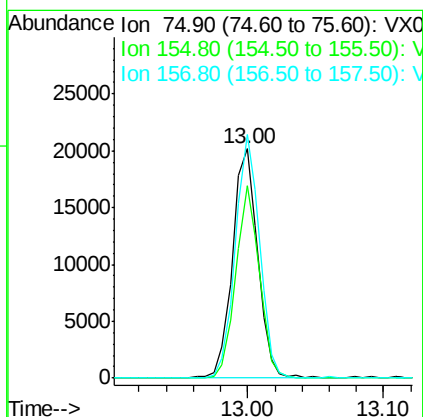
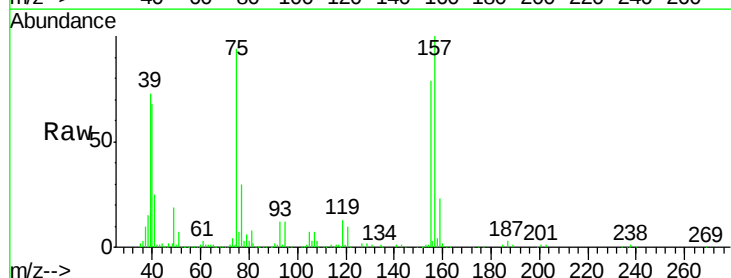
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD01

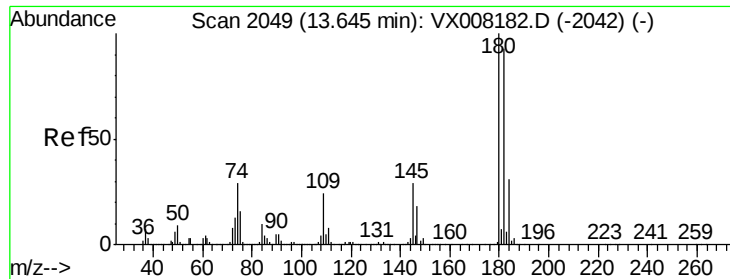
Tot Ion:146 Resp: 137022
 Ion Ratio Lower Upper
 146 100
 111 41.9 19.6 58.8
 148 63.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.393 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008288.D
 Acq: 21 Mar 2019 14:08

Tgt Ion: 75 Resp: 26122
 Ion Ratio Lower Upper
 75 100
 155 78.2 49.7 149.1
 157 101.3 63.8 191.4

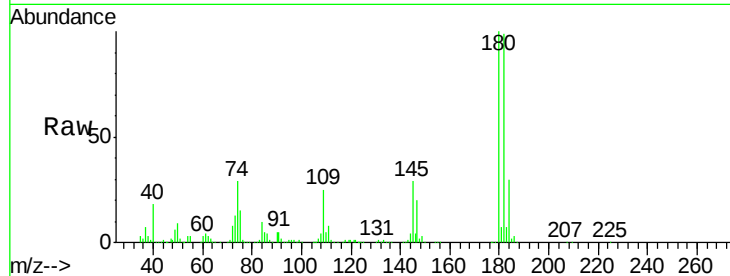




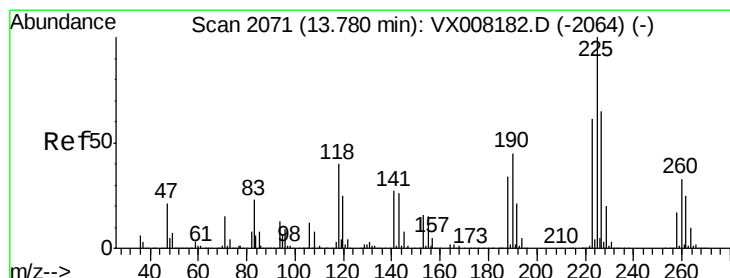
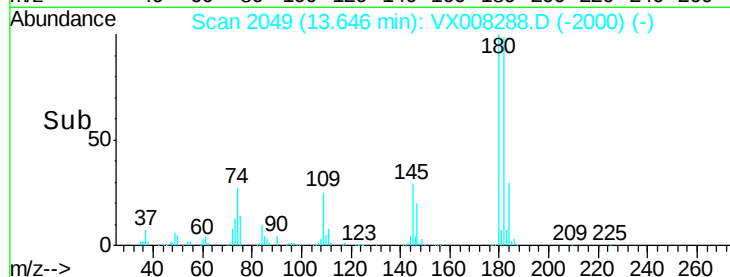
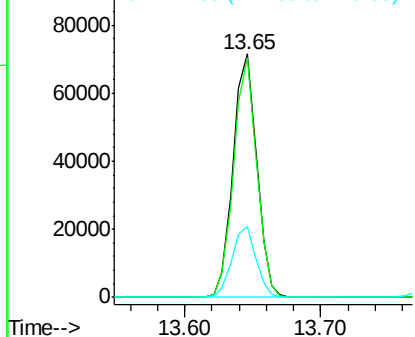
#93
 1,2,4-Trichlorobenzene
 Concen: 19.784 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008288.D
 Acq: 21 Mar 2019 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD01

Tot Ion:180 Resp: 87044
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.9 143.7
 145 29.5 14.1 42.4

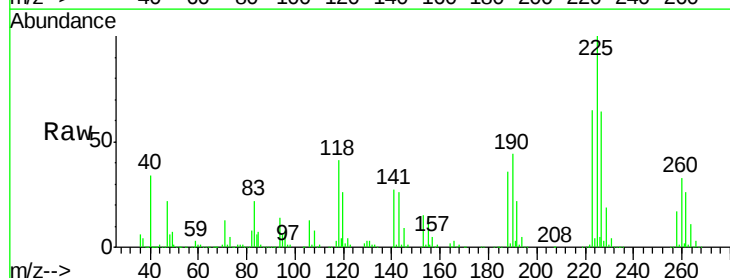


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

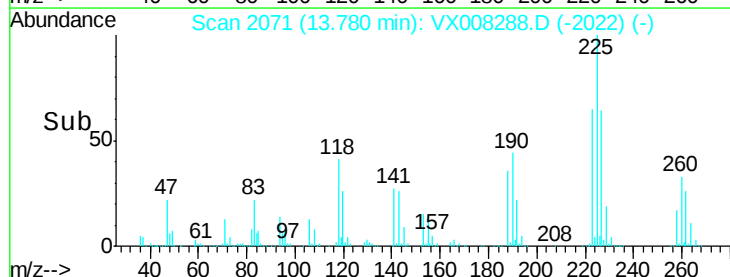
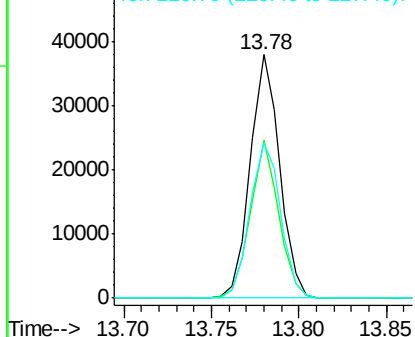


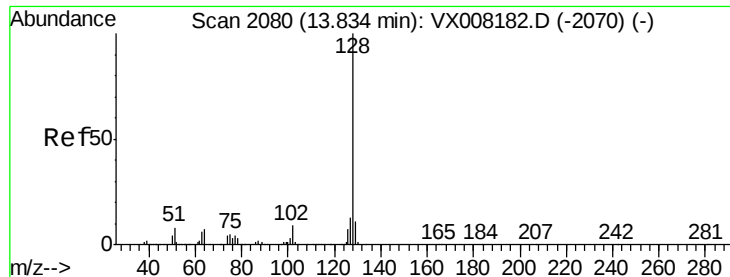
#94
 Hexachlorobutadiene
 Concen: 20.665 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008288.D
 Acq: 21 Mar 2019 14:08

Tgt Ion:225 Resp: 44342
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.2
 227 66.5 32.0 96.0



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





#95

Naphthalene

Concen: 20.750 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD01

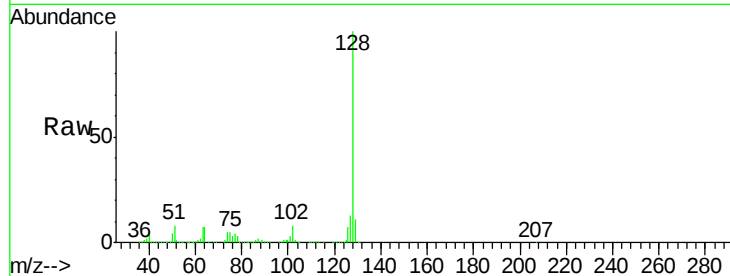
Tot Ion:128 Resp: 288142

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

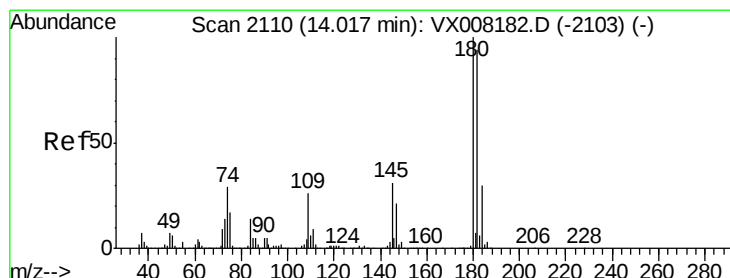
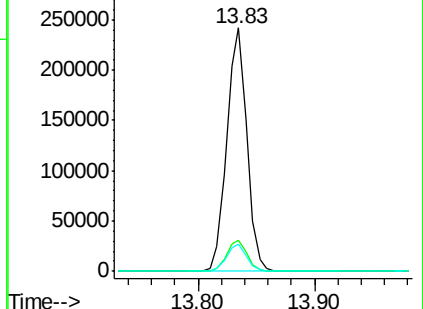
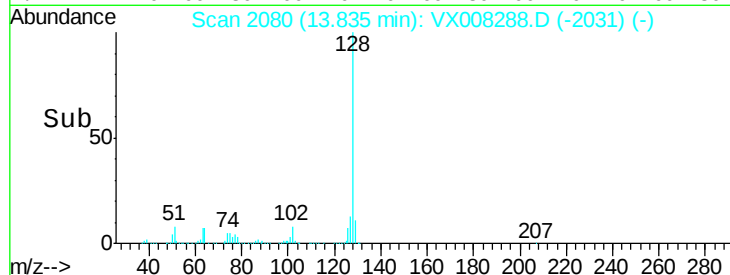
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.169 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008288.D

Acq: 21 Mar 2019 14:08

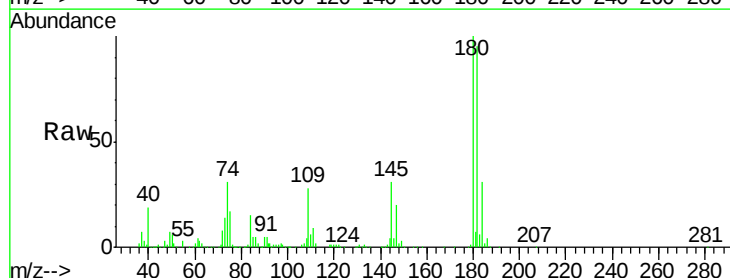
Tgt Ion:180 Resp: 87317

Ion Ratio Lower Upper

180 100

182 96.9 47.5 142.5

145 32.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

