

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008308.D
 Acq On : 21 Mar 2019 23:16
 Operator : JC/SP
 Sample : VX0321WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Quant Time: Mar 22 10:09:37 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	176253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	269008	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	228548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	105479	39.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.48%	
35) Dibromofluoromethane	5.50	113	89392	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	8.71	98	307946	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
62) 4-Bromofluorobenzene	11.13	95	108171	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39833	18.641	ug/l	97
3) Chloromethane	1.33	50	37760	14.082	ug/l	97
4) Vinyl Chloride	1.41	62	40868	15.287	ug/l	98
5) Bromomethane	1.64	94	60619	26.619	ug/l	99
6) Chloroethane	1.73	64	27373	16.330	ug/l	97
7) Trichlorofluoromethane	1.93	101	63781	18.694	ug/l	96
8) Diethyl Ether	2.19	74	33221	18.925	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42051	18.564	ug/l	97
10) Methyl Iodide	2.51	142	61395	21.286	ug/l	100
11) Tert butyl alcohol	3.04	59	46930	82.584	ug/l	97
12) 1,1-Dichloroethene	2.38	96	41297	19.311	ug/l	95
13) Acrolein	2.30	56	48101	114.553	ug/l	97
14) Allyl chloride	2.73	41	65599	14.091	ug/l	# 86
15) Acrylonitrile	3.15	53	119370	79.417	ug/l	98
16) Acetone	2.45	43	105509	70.080	ug/l	99
17) Carbon Disulfide	2.57	76	114036	16.791	ug/l	100
18) Methyl Acetate	2.78	43	58591	16.810	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	135966	17.584	ug/l	100
20) Methylene Chloride	2.86	84	44709	17.809	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42311	18.314	ug/l	94
22) Diisopropyl ether	3.86	45	138758	15.219	ug/l	90
23) Vinyl Acetate	3.82	43	603712	77.231	ug/l	96
24) 1,1-Dichloroethane	3.70	63	78353	16.708	ug/l	98
25) 2-Butanone	4.68	43	168161	75.666	ug/l	96
26) 2,2-Dichloropropane	4.59	77	44708	12.656	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	48892	18.564	ug/l	96
28) Bromochloromethane	5.02	49	30064	14.277	ug/l	96
29) Tetrahydrofuran	5.13	42	109542	78.847	ug/l	94
30) Chloroform	5.22	83	80744	18.407	ug/l	98
31) Cyclohexane	5.58	56	67510	15.331	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	67021	18.367	ug/l	98
36) 1,1-Dichloropropene	5.81	75	57267	18.285	ug/l	97
37) Ethyl Acetate	4.84	43	63795	17.231	ug/l	99
38) Carbon Tetrachloride	5.79	117	59935	21.478	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66449	17.630	ug/l	98
40) Benzene	6.15	78	177502	19.148	ug/l	98
41) Methacrylonitrile	5.05	41	36073	17.370	ug/l	95
42) 1,2-Dichloroethane	6.20	62	65019	19.147	ug/l	100
43) Isopropyl Acetate	6.45	43	102085	17.202	ug/l	99
44) Trichloroethene	7.21	130	49188	21.701	ug/l	95
45) 1,2-Dichloropropane	7.52	63	45915	17.694	ug/l	100
46) Dibromomethane	7.66	93	32351	20.590	ug/l	95
47) Bromodichloromethane	7.90	83	60227	20.113	ug/l	99
48) Methyl methacrylate	7.77	41	52083	16.506	ug/l #	91
49) 1,4-Dioxane	7.74	88	23840	428.144	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	339435	88.475	ug/l	99
52) Toluene	8.79	92	108351	19.702	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	58089	16.472	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	64408	17.332	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	46484	20.920	ug/l	98
56) Ethyl methacrylate	9.18	69	67352	17.625	ug/l #	94
57) 1,3-Dichloropropane	9.37	76	76014	19.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	145908	80.146	ug/l	96
59) 2-Hexanone	9.49	43	260981	88.358	ug/l	99
60) Dibromochloromethane	9.58	129	48766	22.837	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48621	20.956	ug/l	100
64) Tetrachloroethene	9.34	164	47696	23.132	ug/l	98
65) Chlorobenzene	10.14	112	118790	21.123	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	44332	22.610	ug/l	99
67) Ethyl Benzene	10.25	91	198497	20.030	ug/l	100
68) m/p-Xylenes	10.36	106	151909	41.729	ug/l	99
69) o-Xylene	10.70	106	74552	21.076	ug/l	100
70) Styrene	10.71	104	120074	20.887	ug/l	99
71) Bromoform	10.85	173	36988	23.132	ug/l #	99
73) Isopropylbenzene	11.02	105	195858	18.630	ug/l	99
74) N-amyl acetate	10.90	43	84512	15.343	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	69164	18.347	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	76611	23.094	ug/l	90
77) Bromobenzene	11.26	156	52123	20.505	ug/l	100
78) n-propylbenzene	11.36	91	219467	17.973	ug/l	100
79) 2-Chlorotoluene	11.42	91	129575	17.680	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	160959	18.532	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17055	14.167	ug/l #	86
82) 4-Chlorotoluene	11.51	91	150201	17.612	ug/l	100
83) tert-Butylbenzene	11.77	119	160633	19.371	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	165446	18.789	ug/l	99
85) sec-Butylbenzene	11.94	105	189601	18.463	ug/l	100
86) p-Isopropyltoluene	12.06	119	172650	19.423	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	89353	19.669	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	95222	20.265	ug/l	99
89) n-Butylbenzene	12.38	91	143065	17.148	ug/l	97
90) Hexachloroethane	12.60	117	28848	19.056	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	90409	19.738	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15136	18.077	ug/l	90

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QLast Update : Tue Mar 19 13:15:13 2019
Response via : Initial Calibration

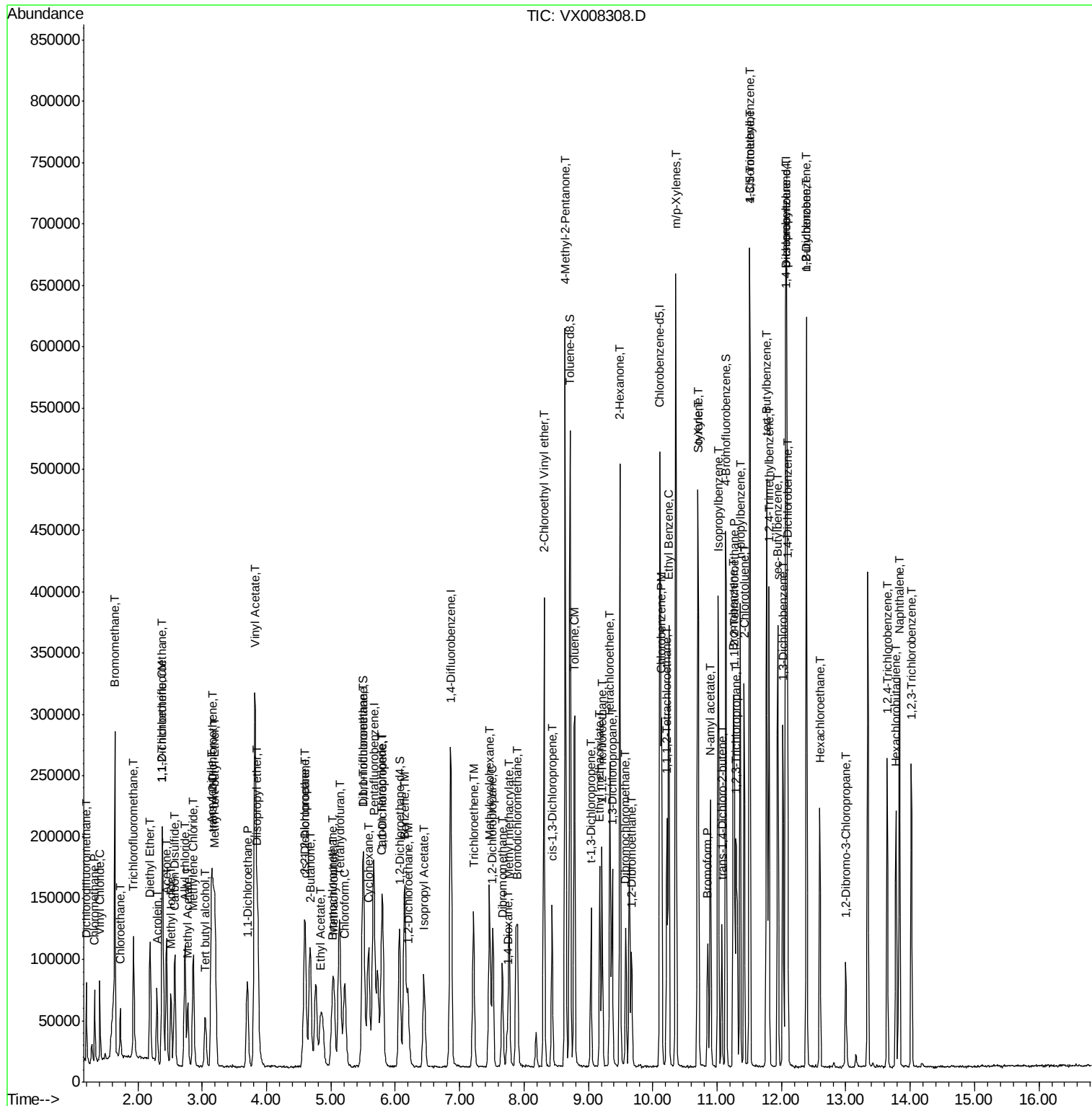
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	60654	20.104	ug/l	99
94) Hexachlorobutadiene	13.78	225	31154	21.172	ug/l	98
95) Naphthalene	13.83	128	190660	20.022	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	60937	20.526	ug/l	98

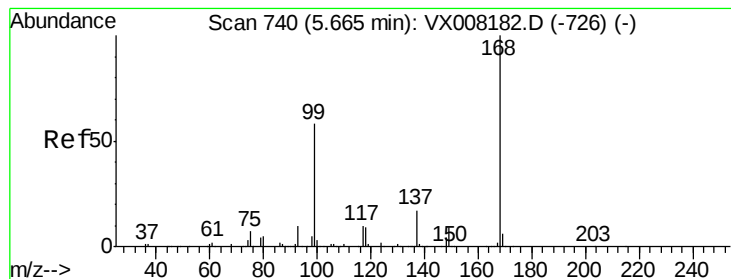
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

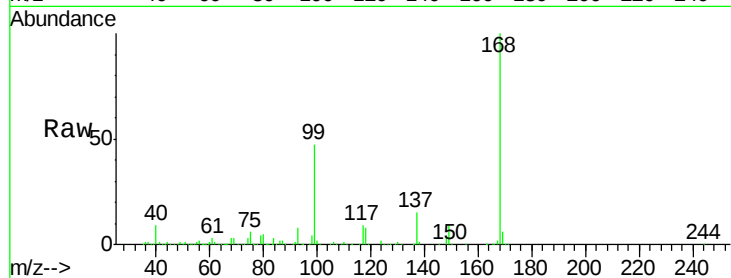
VX0321WBS02

Tot Ion:168 Resp: 176253

Ion Ratio Lower Upper

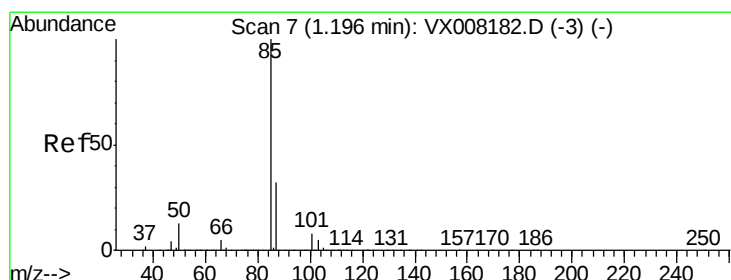
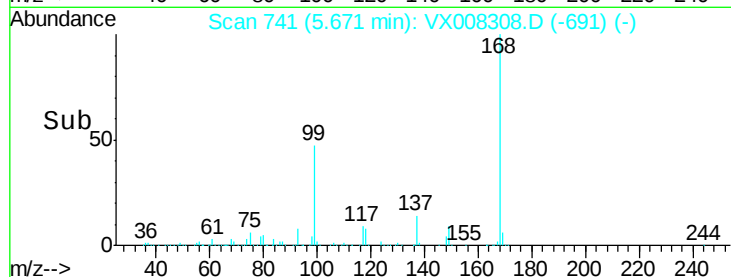
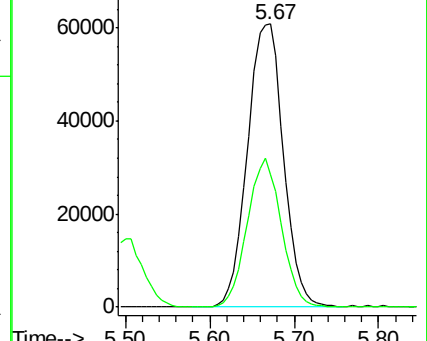
168 100

99 46.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.641 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008308.D

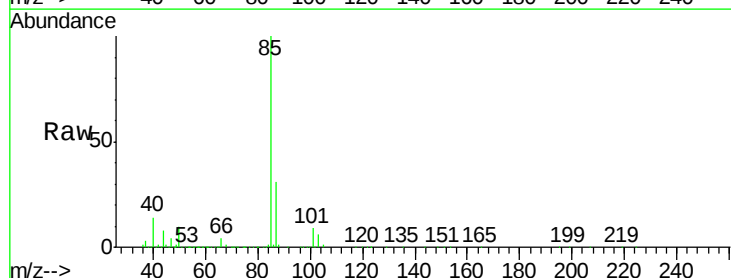
Acq: 21 Mar 2019 23:16

Tgt Ion: 85 Resp: 39833

Ion Ratio Lower Upper

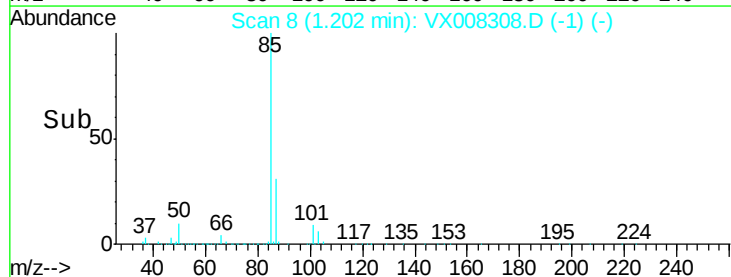
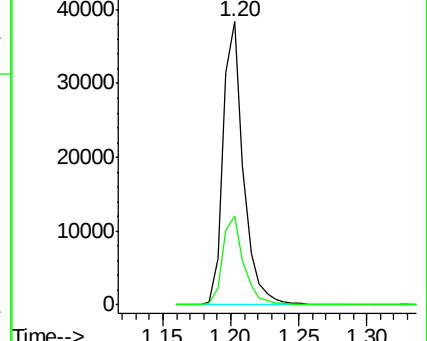
85 100

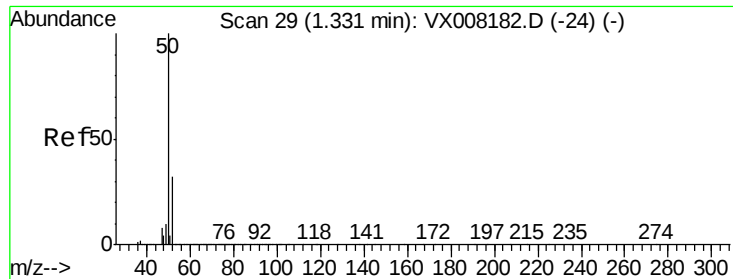
87 31.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 14.082 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

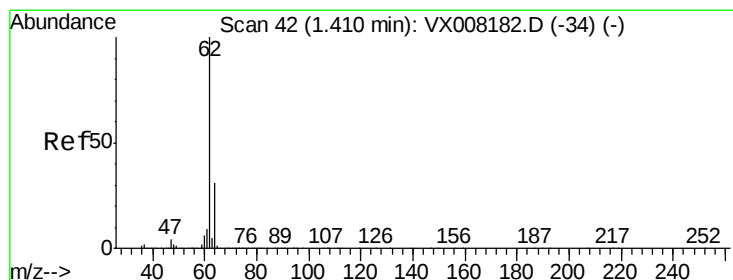
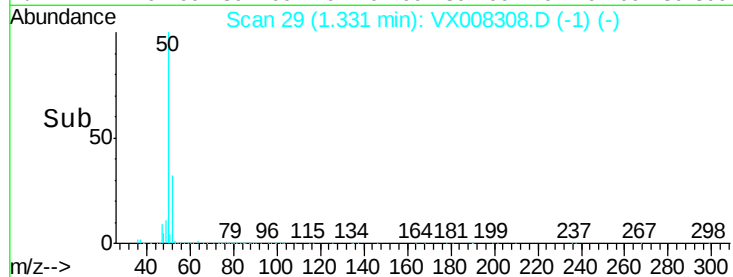
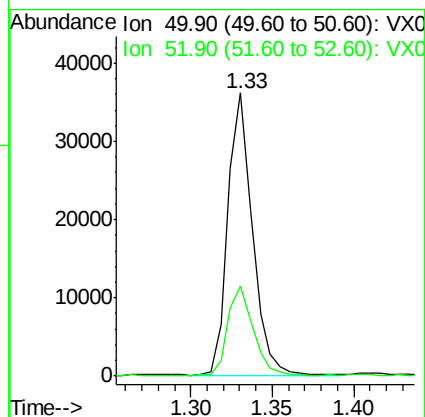
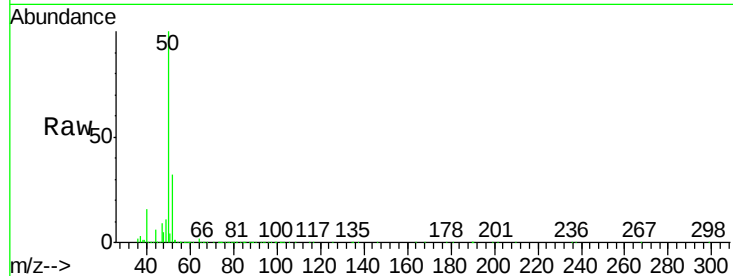
VX0321WBS02

Tot Ion: 50 Resp: 37760

Ion Ratio Lower Upper

50 100

52 31.6 26.5 39.7



#4

Vinyl Chloride

Concen: 15.287 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008308.D

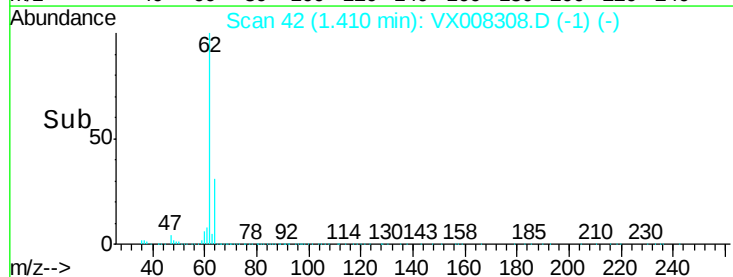
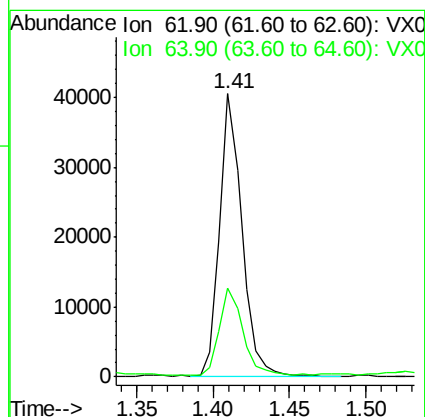
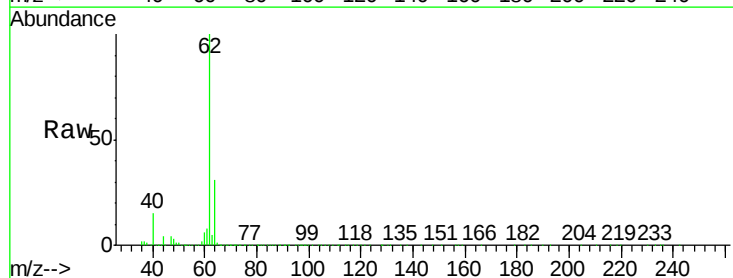
Acq: 21 Mar 2019 23:16

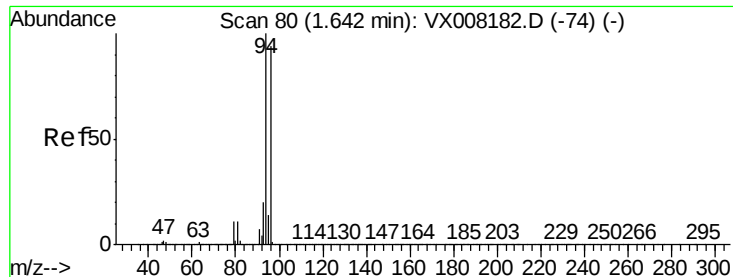
Tgt Ion: 62 Resp: 40868

Ion Ratio Lower Upper

62 100

64 30.7 25.3 37.9





#5

Bromomethane

Concen: 26.619 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

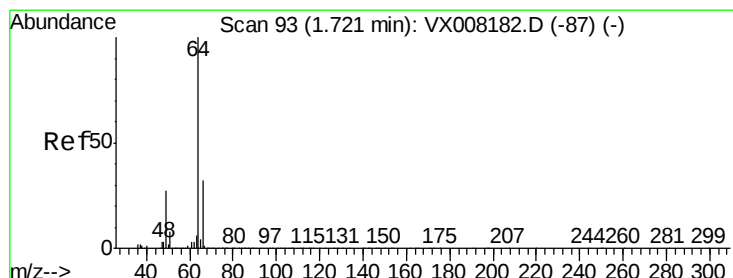
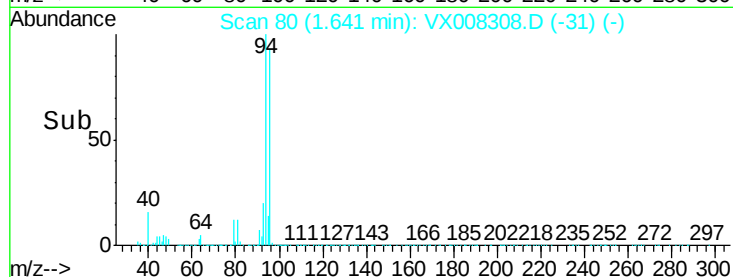
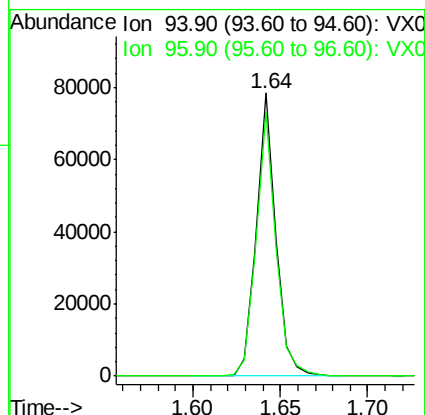
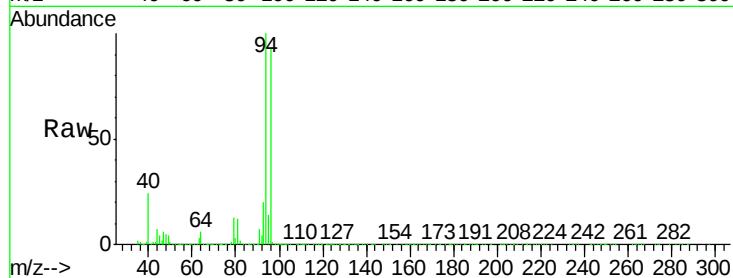
VX0321WBS02

Tot Ion: 94 Resp: 60619

Ion Ratio Lower Upper

94 100

96 93.2 75.5 113.3



#6

Chloroethane

Concen: 16.330 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008308.D

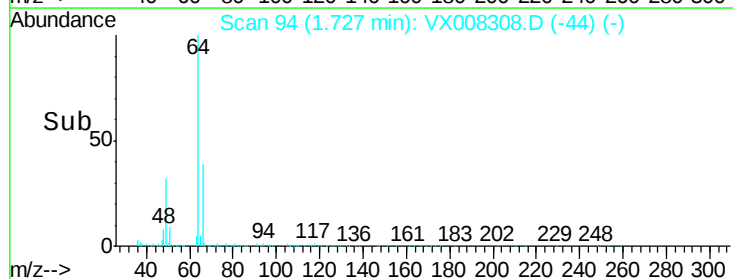
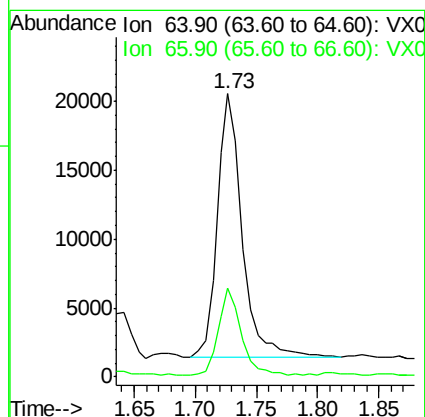
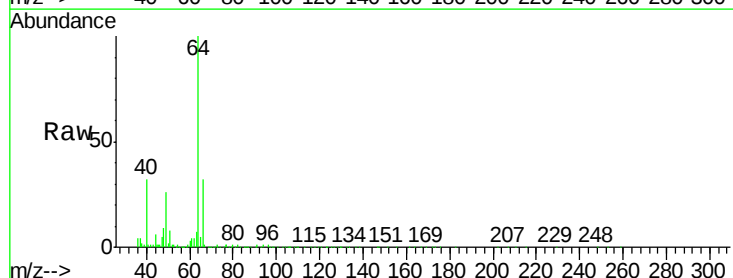
Acq: 21 Mar 2019 23:16

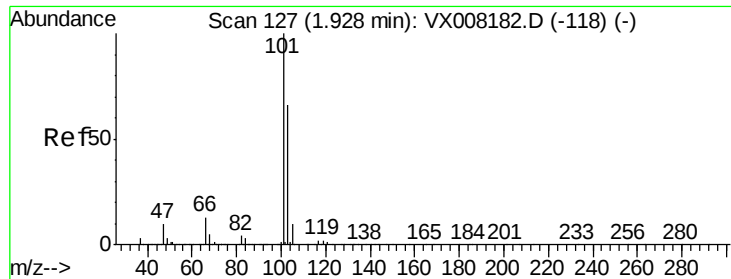
Tgt Ion: 64 Resp: 27373

Ion Ratio Lower Upper

64 100

66 32.9 25.2 37.8



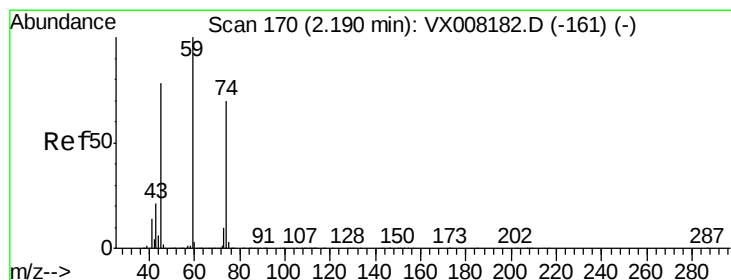
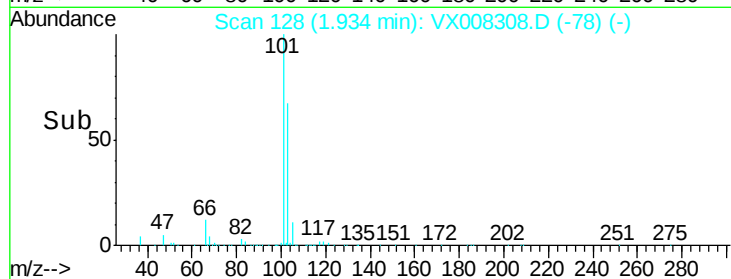
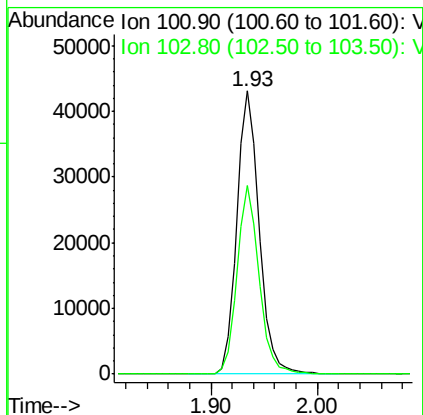
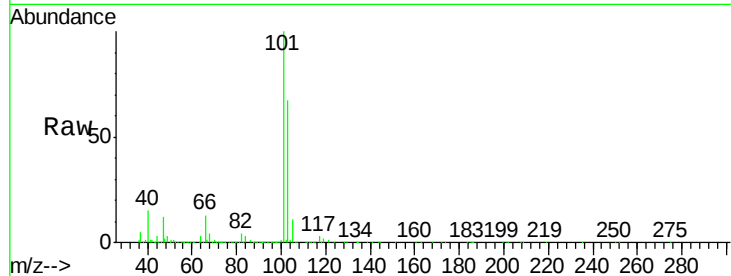


#7

Trichlorofluoromethane
 Concen: 18.694 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX008308.D
 Acq: 21 Mar 2019 23:16

Instrument :
 MSVOA_X
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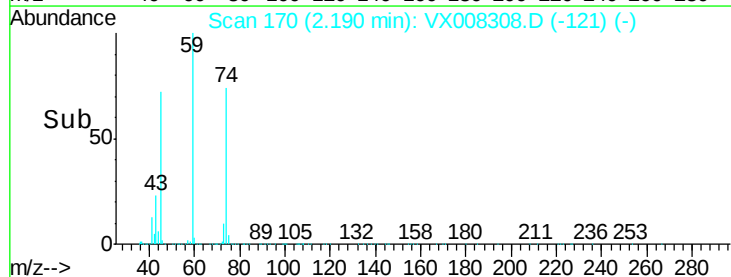
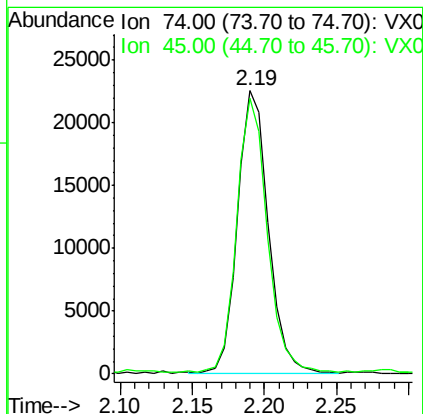
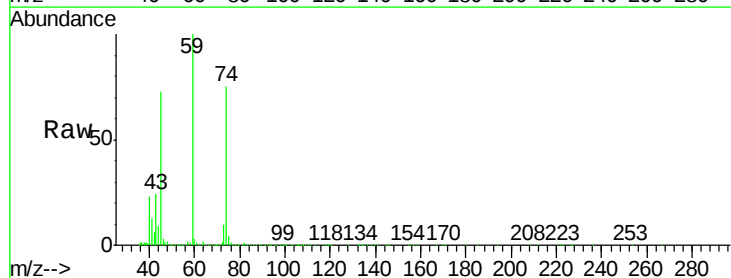
Tot Ion:101 Resp: 63781
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.4 75.6

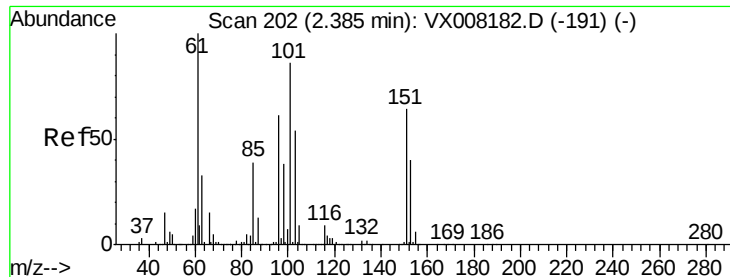


#8

Diethyl Ether
 Concen: 18.925 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008308.D
 Acq: 21 Mar 2019 23:16

Tgt Ion: 74 Resp: 33221
 Ion Ratio Lower Upper
 74 100
 45 96.2 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.564 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

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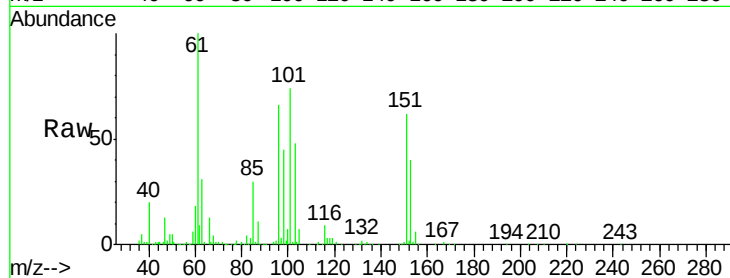
Tot Ion:101 Resp: 42051

Ion Ratio Lower Upper

101 100

85 43.4 33.8 50.6

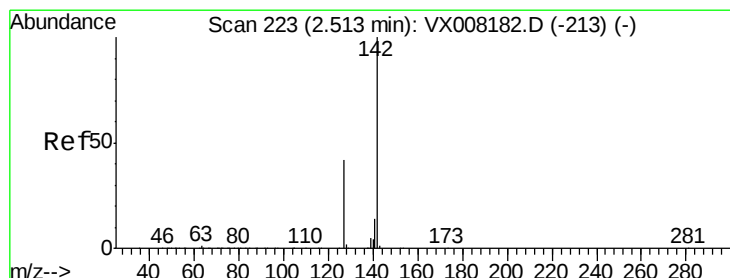
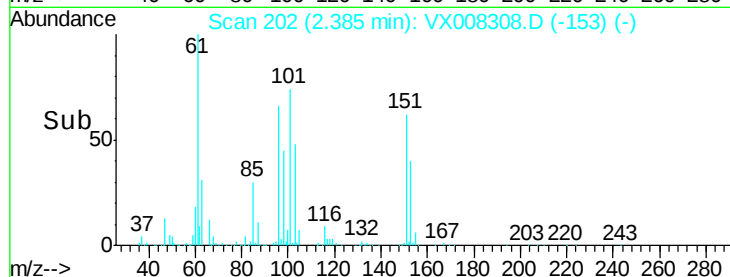
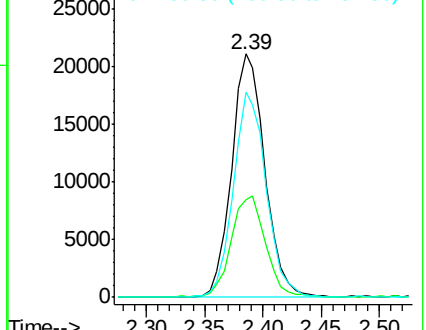
151 83.5 69.1 103.7



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: 21.286 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

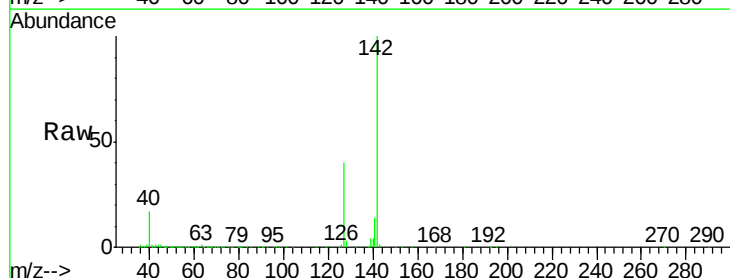
Tgt Ion:142 Resp: 61395

Ion Ratio Lower Upper

142 100

127 40.4 32.1 48.1

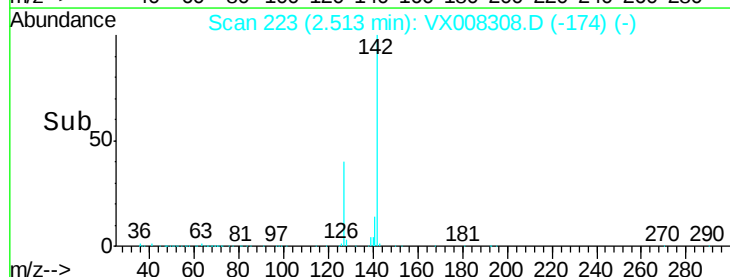
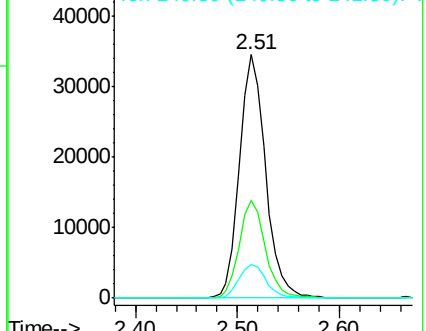
141 14.5 11.4 17.2

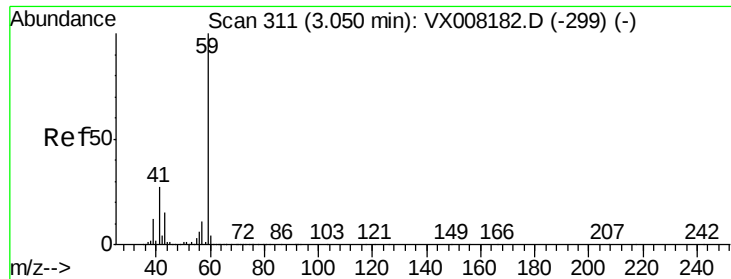


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

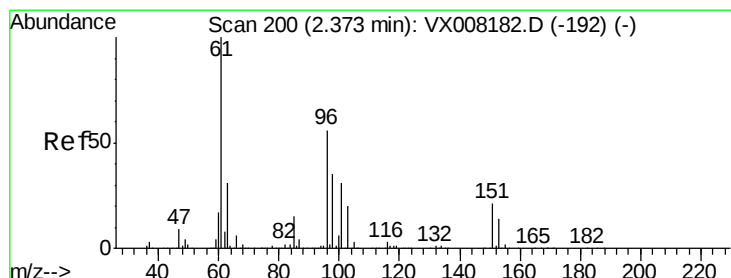
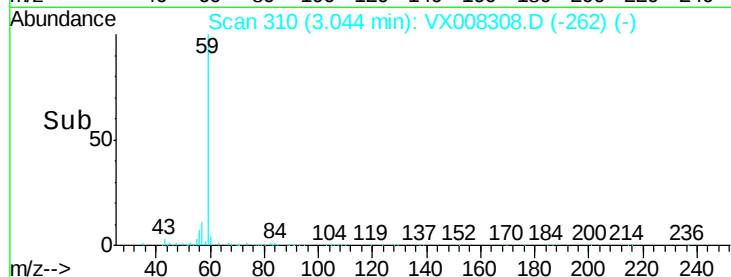
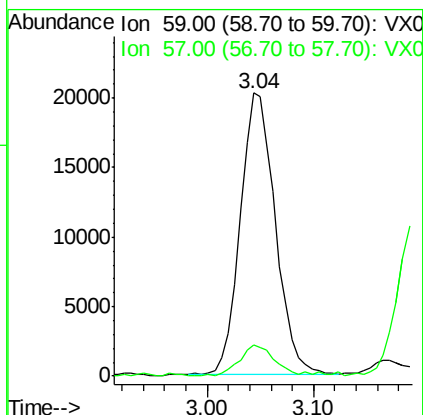
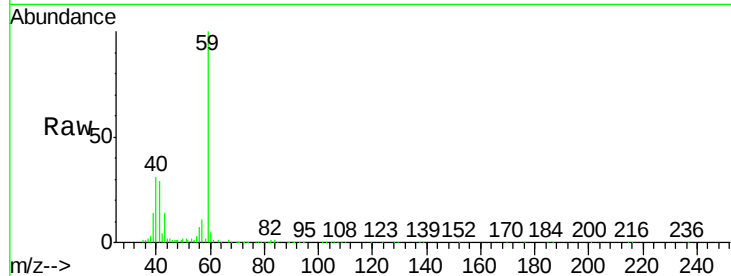




#11
Tert butyl alcohol
Concen: 82.584 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

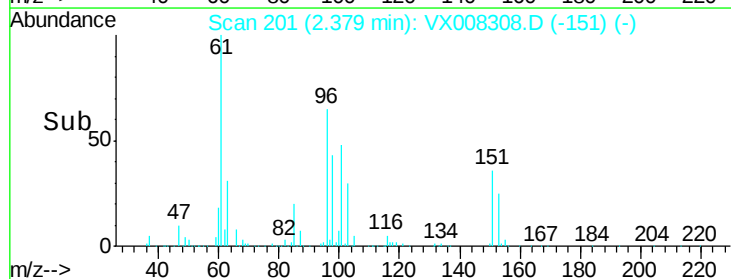
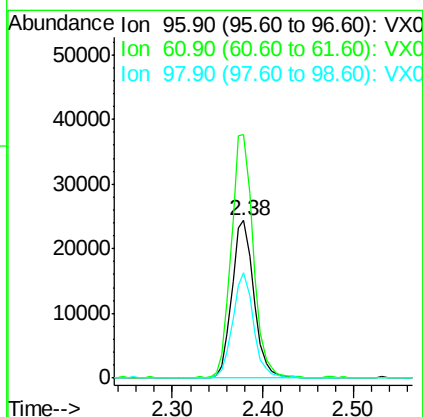
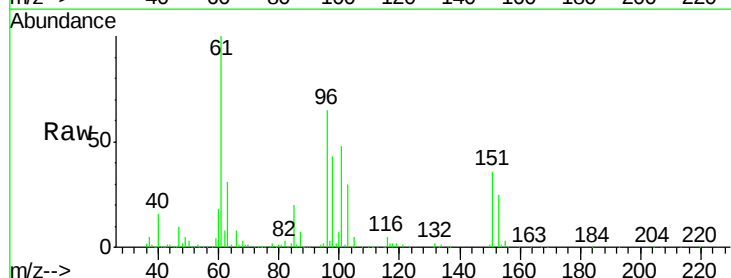
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

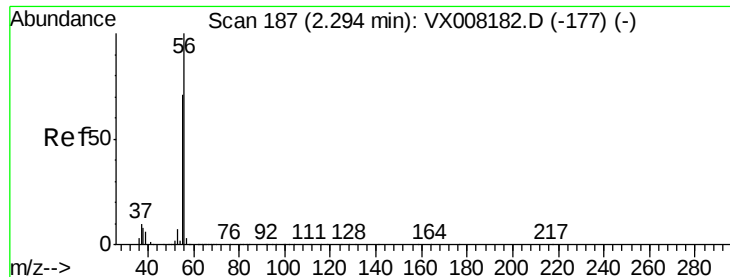
Tot Ion: 59 Resp: 46930
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.311 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

Tgt Ion: 96 Resp: 41297
Ion Ratio Lower Upper
96 100
61 154.1 129.8 194.6
98 66.7 51.0 76.6





#13

Acrolein

Concen: 114.553 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

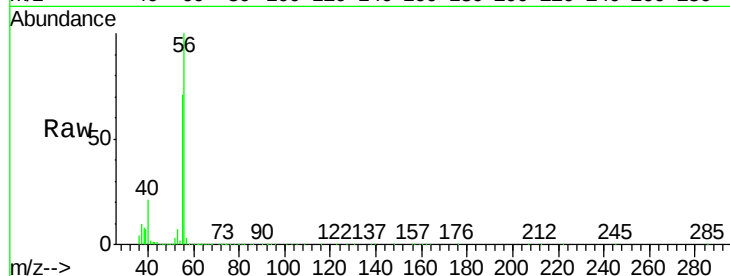
VX0321WBS02

Tot Ion: 56 Resp: 48101

Ion Ratio Lower Upper

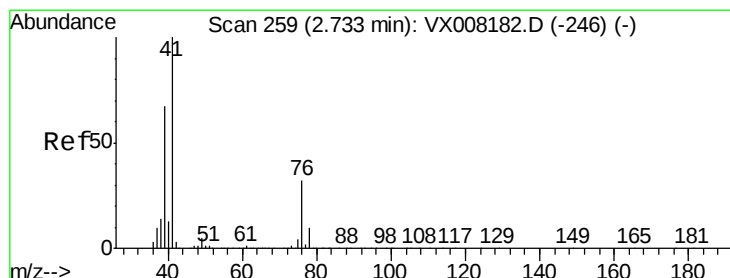
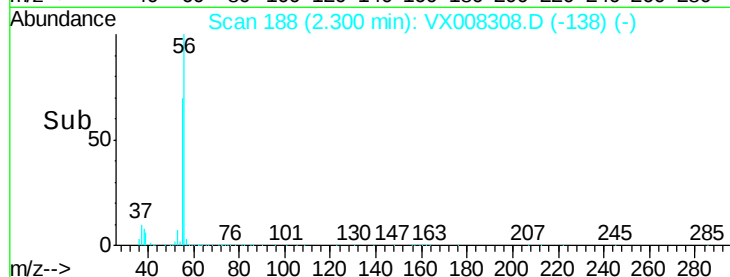
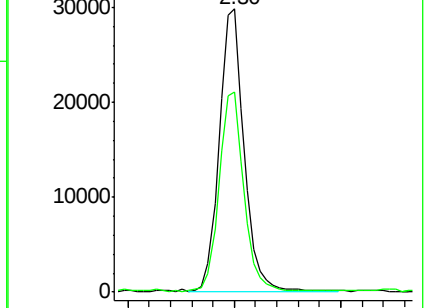
56 100

55 70.1 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 14.091 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

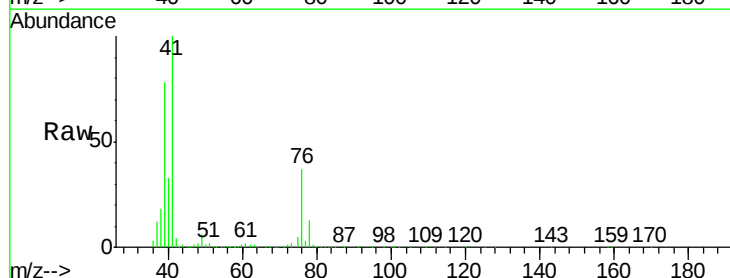
Tgt Ion: 41 Resp: 65599

Ion Ratio Lower Upper

41 100

39 70.2 46.1 69.1#

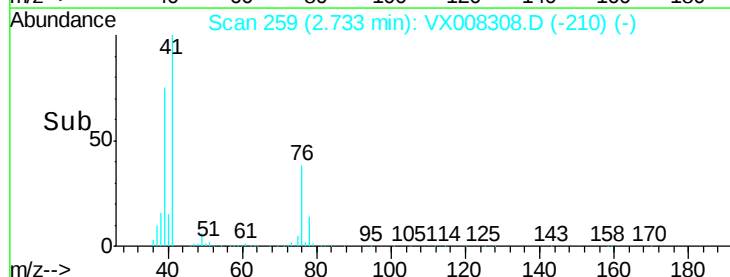
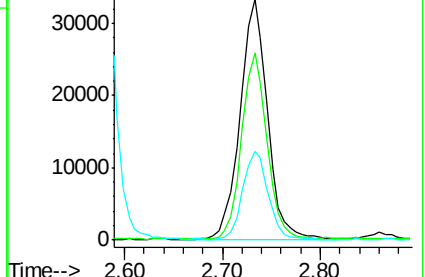
76 33.8 24.0 36.0

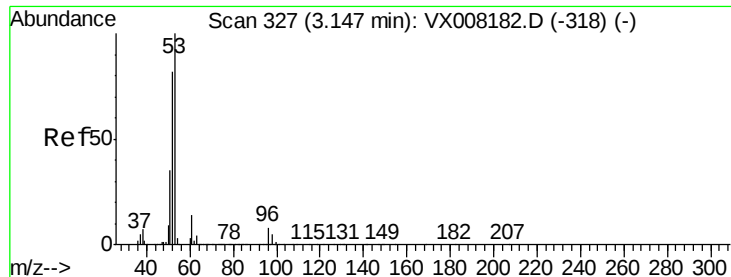


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 79.417 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

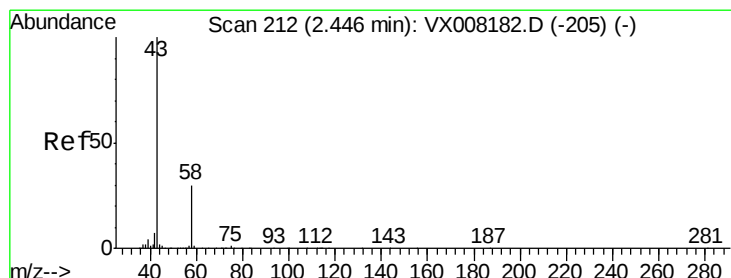
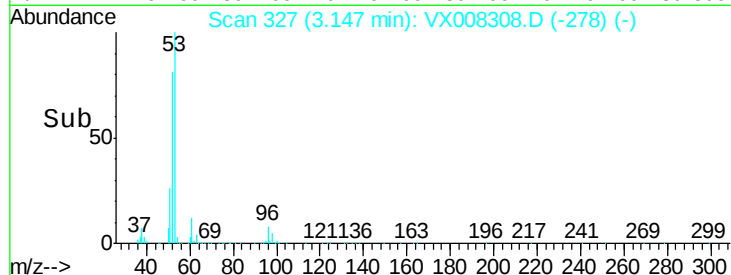
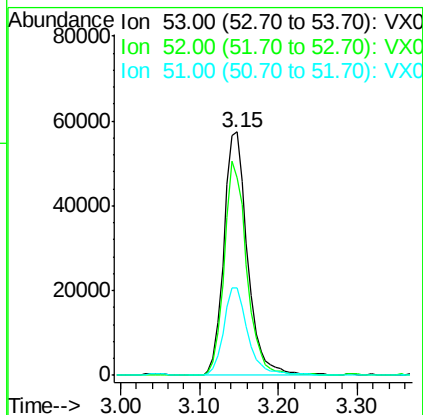
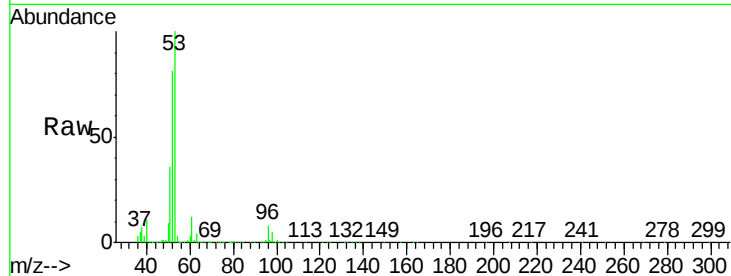
Tot Ion: 53 Resp: 119370

Ion Ratio Lower Upper

53 100

52 83.4 66.0 99.0

51 36.6 28.0 42.0



#16

Acetone

Concen: 70.080 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008308.D

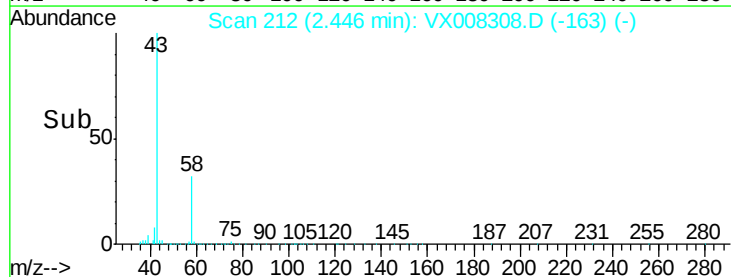
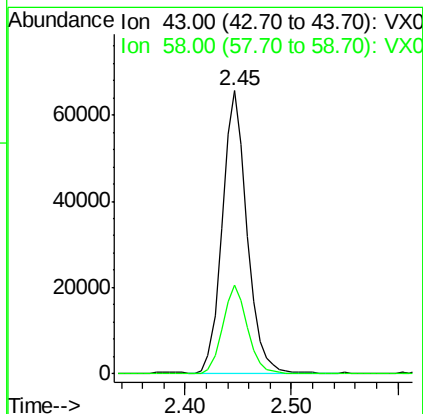
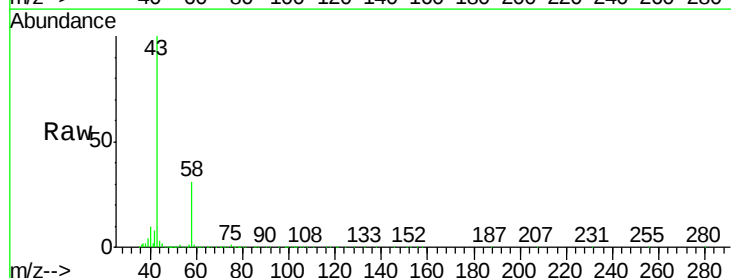
Acq: 21 Mar 2019 23:16

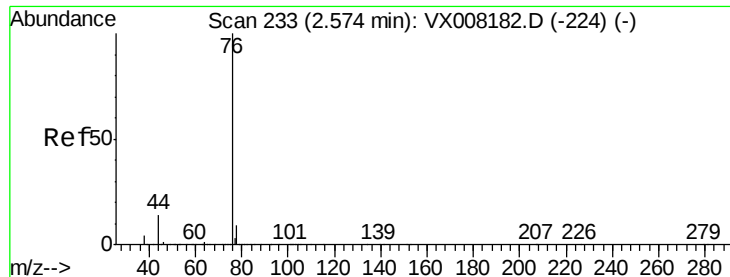
Tgt Ion: 43 Resp: 105509

Ion Ratio Lower Upper

43 100

58 31.4 25.5 38.3





#17

Carbon Disulfide

Concen: 16.791 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

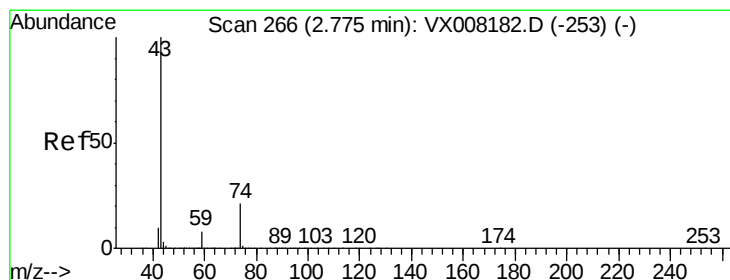
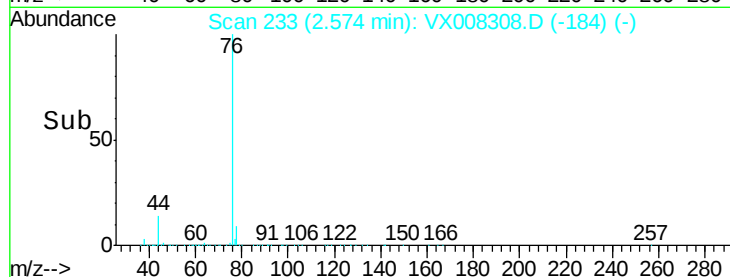
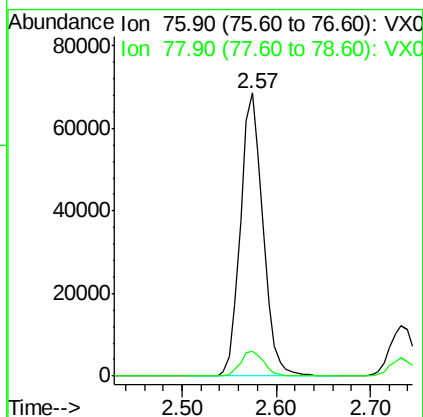
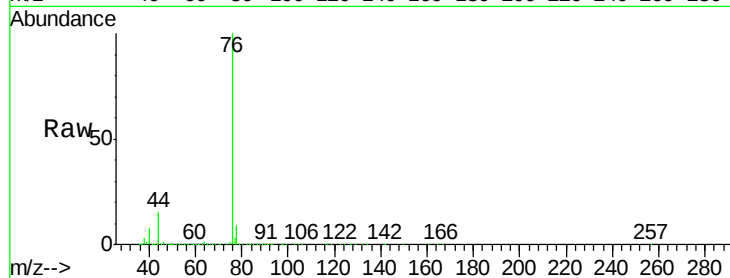
VX0321WBS02

Tot Ion: 76 Resp: 114036

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



#18

Methyl Acetate

Concen: 16.810 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008308.D

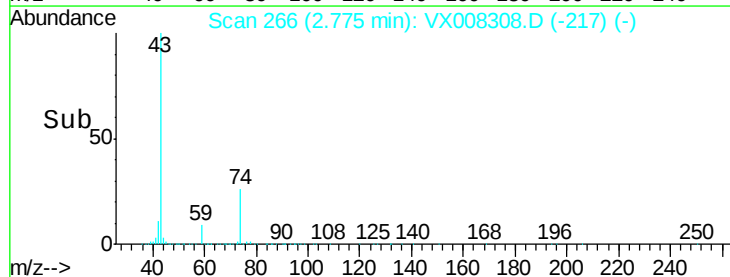
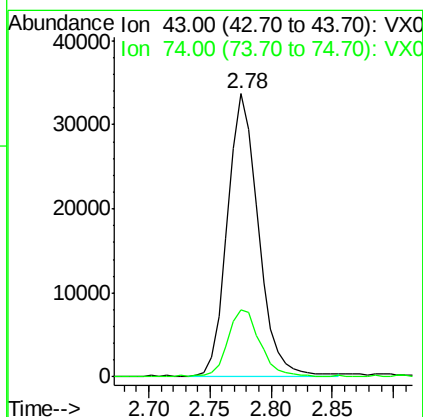
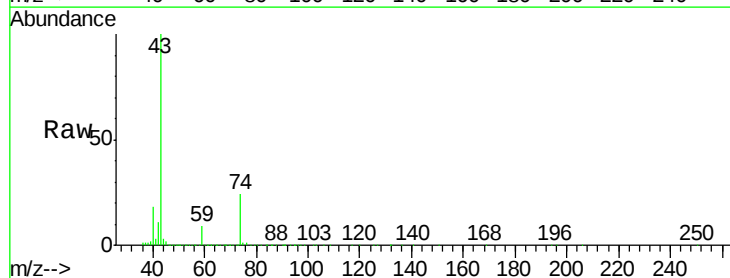
Acq: 21 Mar 2019 23:16

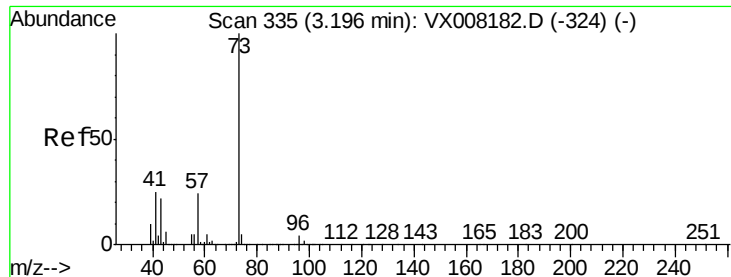
Tgt Ion: 43 Resp: 58591

Ion Ratio Lower Upper

43 100

74 25.1 17.8 26.6



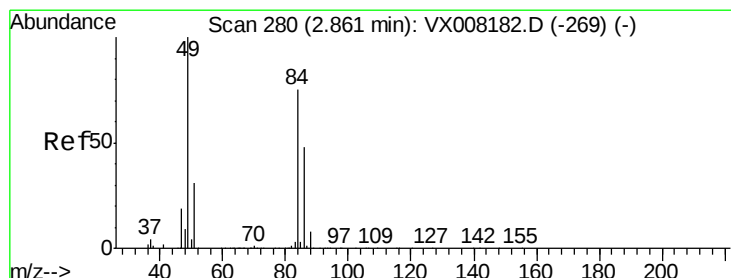
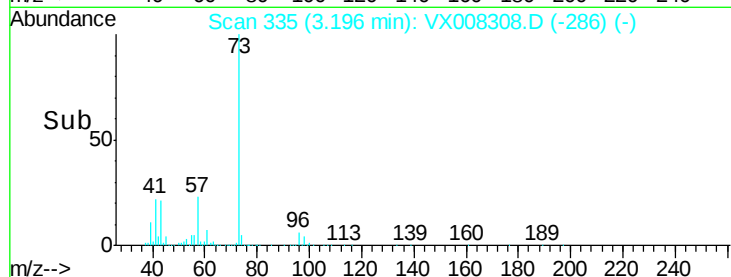
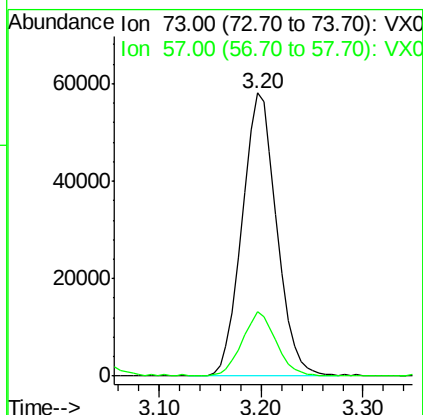
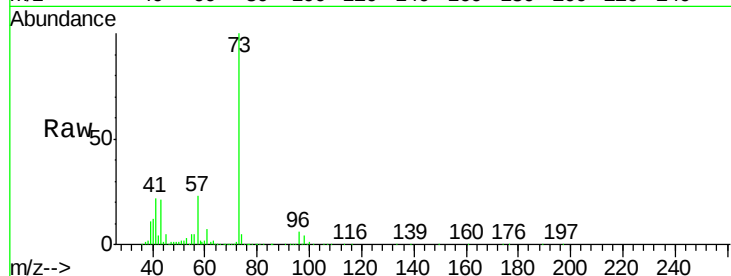


#19

Methyl tert-butyl Ether
 Concen: 17.584 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008308.D
 Acq: 21 Mar 2019 23:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

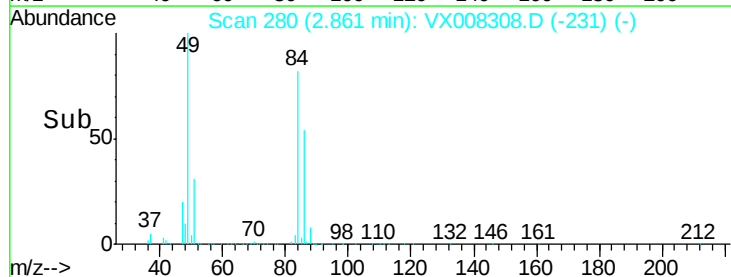
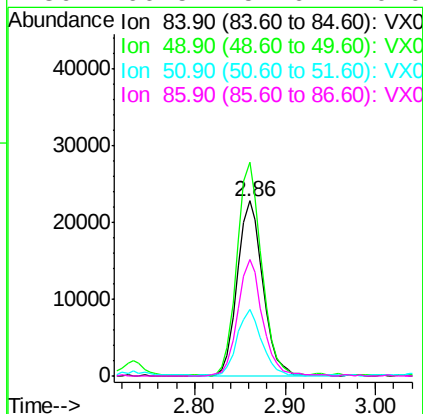
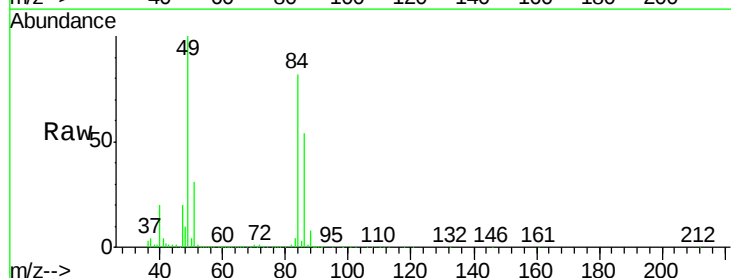
Tot Ion: 73 Resp: 135966
 Ion Ratio Lower Upper
 73 100
 57 22.7 18.2 27.4

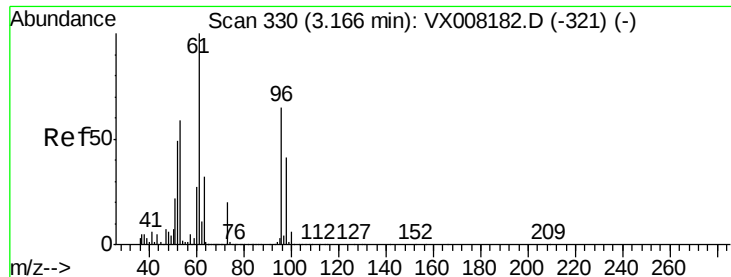


#20

Methylene Chloride
 Concen: 17.809 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX008308.D
 Acq: 21 Mar 2019 23:16

Tgt Ion: 84 Resp: 44709
 Ion Ratio Lower Upper
 84 100
 49 121.6 99.3 148.9
 51 37.5 31.3 46.9
 86 66.5 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 18.314 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

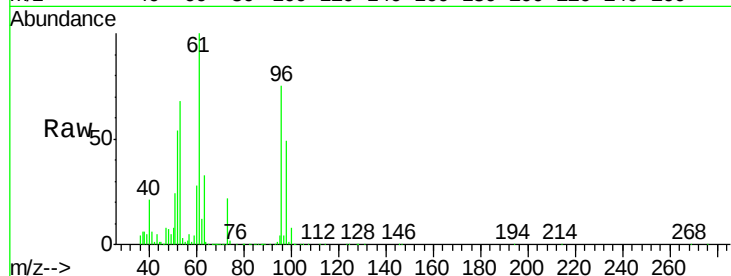
Tot Ion: 96 Resp: 42311

Ion Ratio Lower Upper

96 100

61 133.3 114.4 171.6

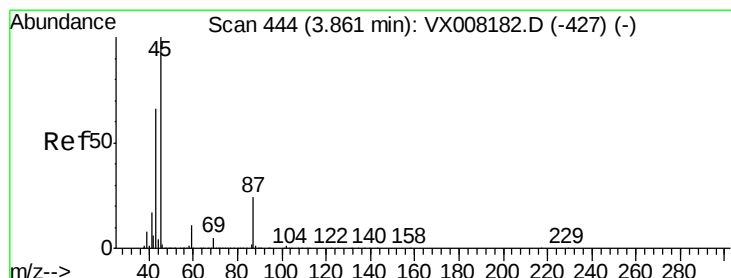
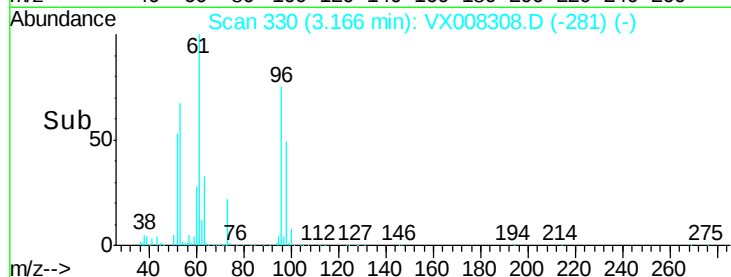
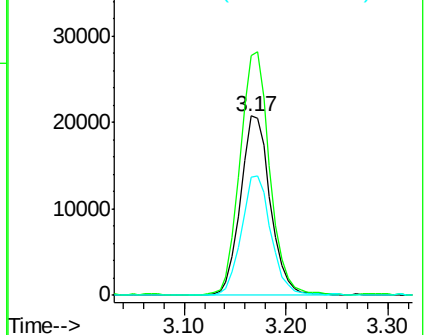
98 65.7 51.1 76.7



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: 15.219 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Tgt Ion: 45 Resp: 138758

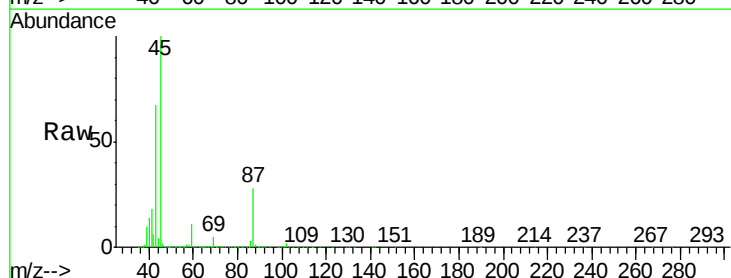
Ion Ratio Lower Upper

45 100

43 67.2 45.3 67.9

87 28.5 21.4 32.0

59 11.0 9.5 14.3

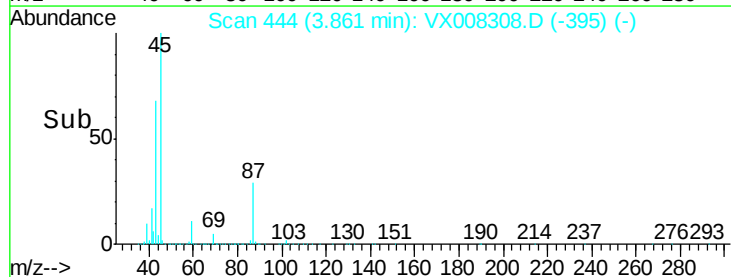
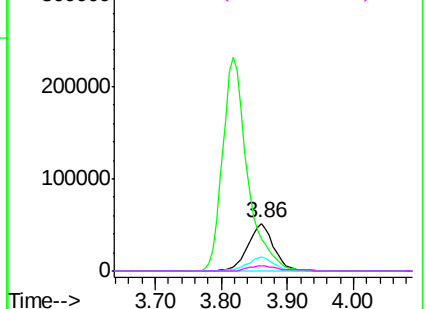


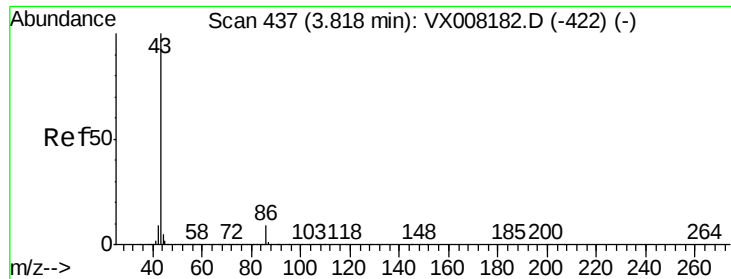
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 77.231 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

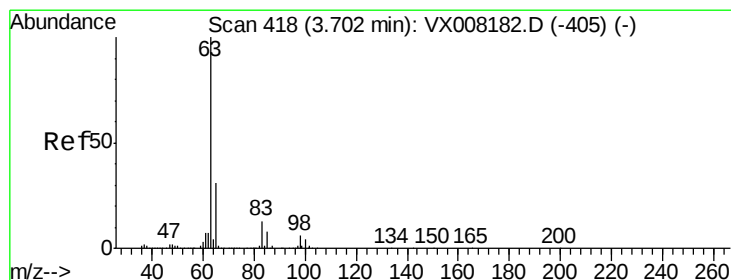
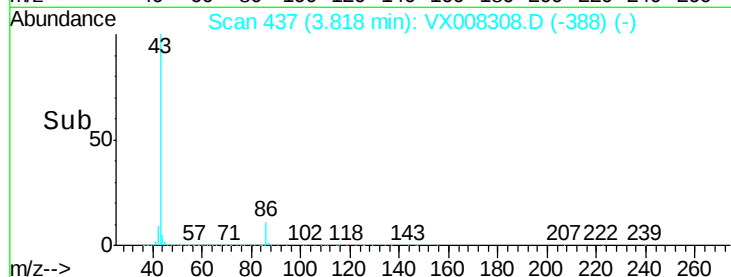
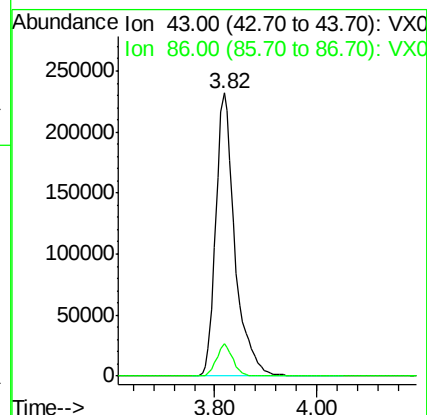
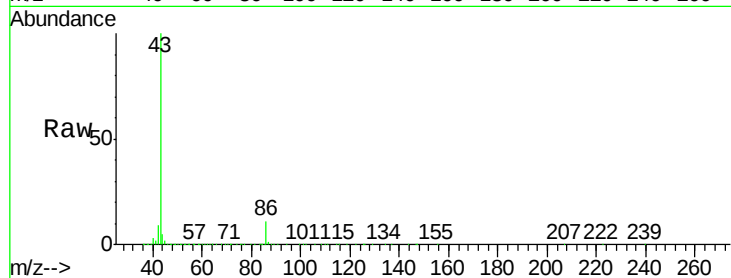
VX0321WBS02

Tot Ion: 43 Resp: 603712

Ion Ratio Lower Upper

43 100

86 11.2 7.9 11.9



#24

1,1-Dichloroethane

Concen: 16.708 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

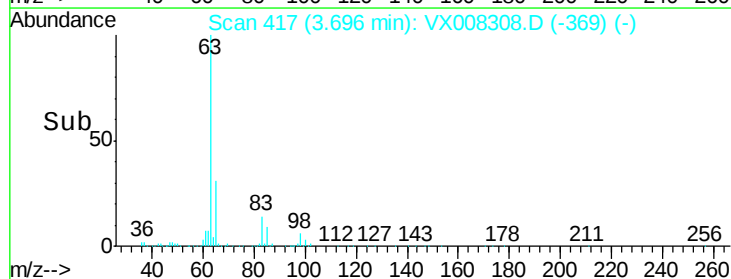
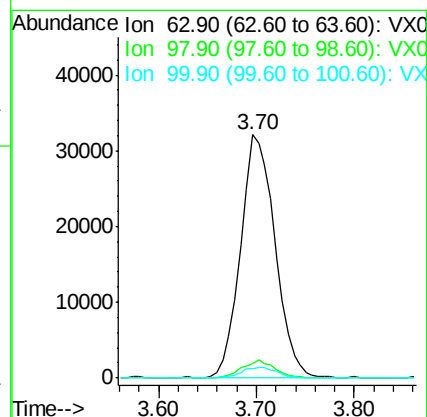
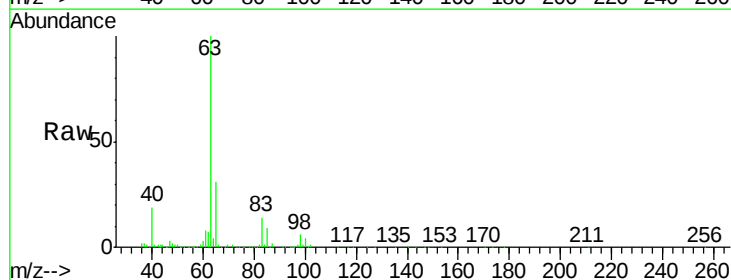
Tgt Ion: 63 Resp: 78353

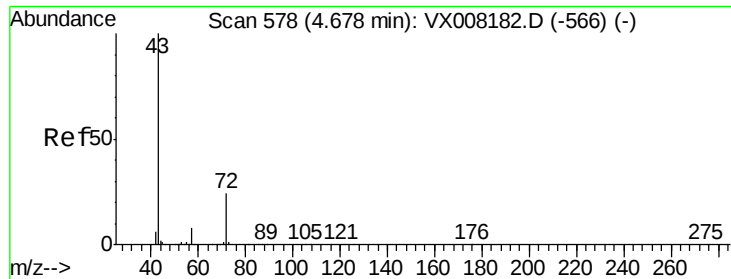
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

100 3.6 2.3 6.8





#25

2-Butanone

Concen: 75.666 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

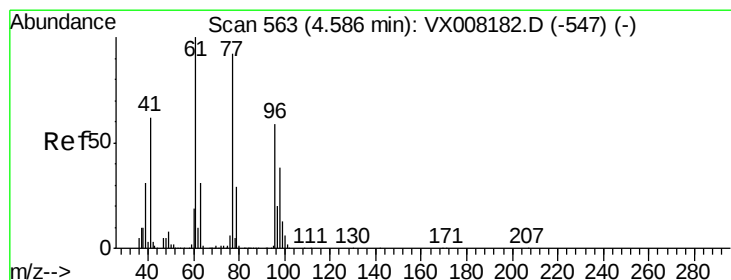
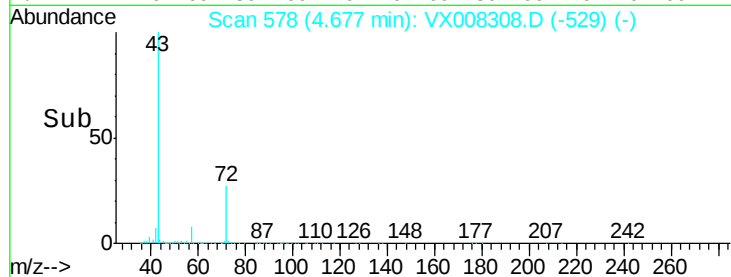
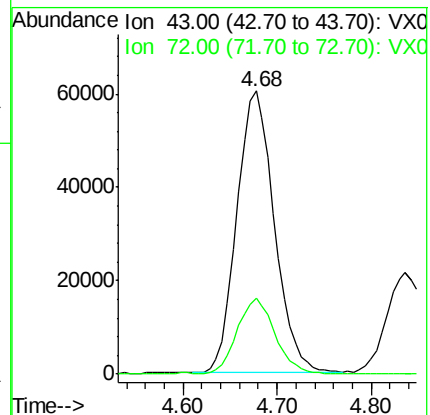
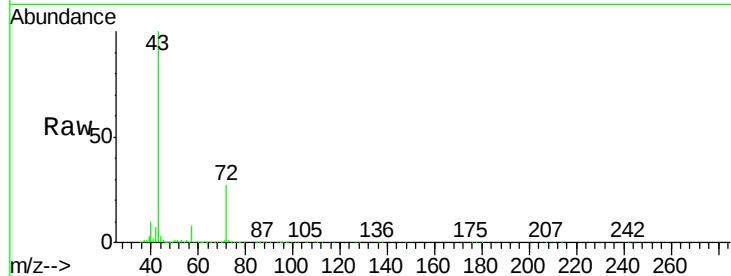
VX0321WBS02

Tot Ion: 43 Resp: 168161

Ion Ratio Lower Upper

43 100

72 26.9 19.9 29.9



#26

2,2-Dichloropropane

Concen: 12.656 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008308.D

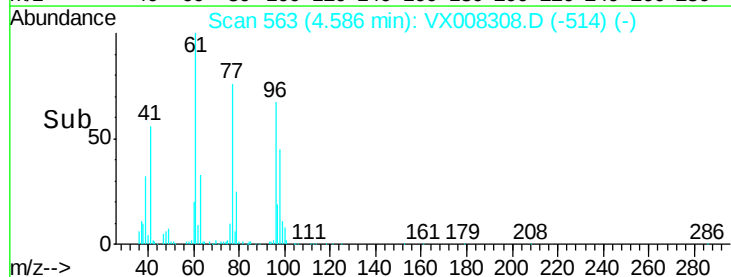
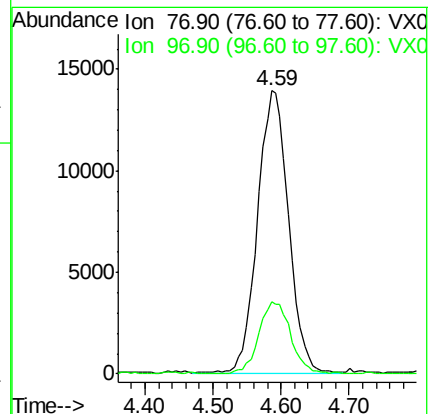
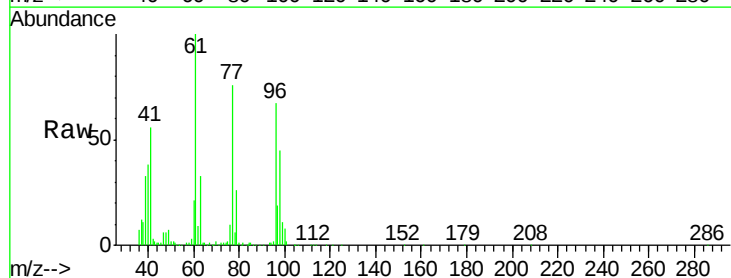
Acq: 21 Mar 2019 23:16

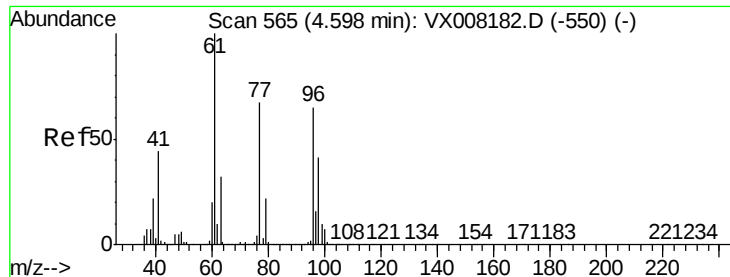
Tgt Ion: 77 Resp: 44708

Ion Ratio Lower Upper

77 100

97 25.9 12.2 36.6



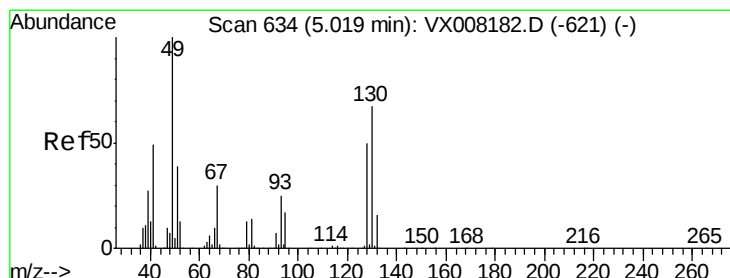
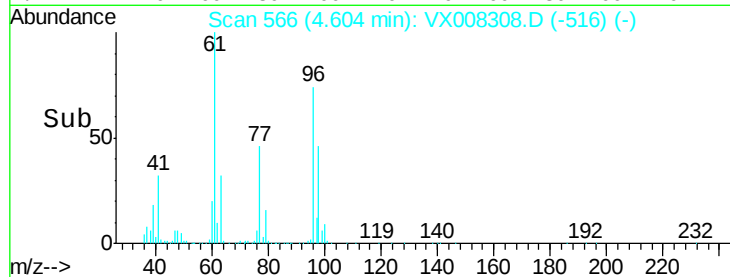
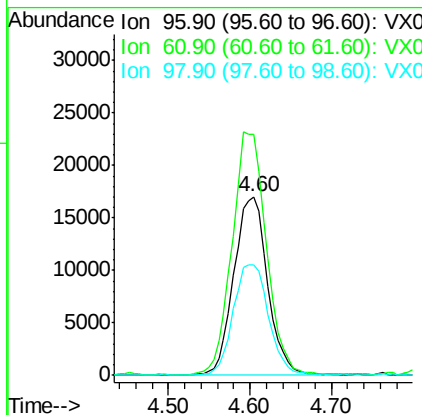
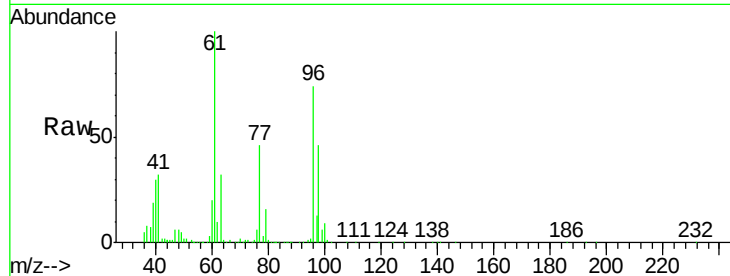


#27

cis-1,2-Dichloroethene
Concen: 18.564 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

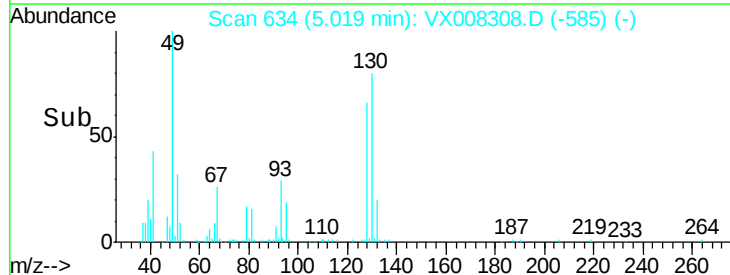
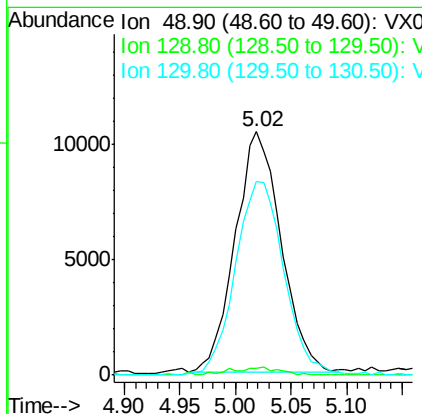
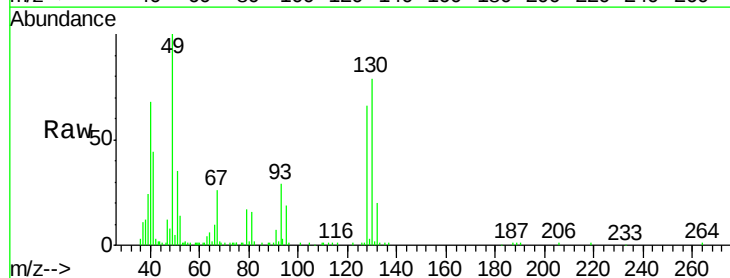
Tot Ion: 96 Resp: 48892
Ion Ratio Lower Upper
96 100
61 137.3 0.0 288.0
98 65.1 0.0 129.0

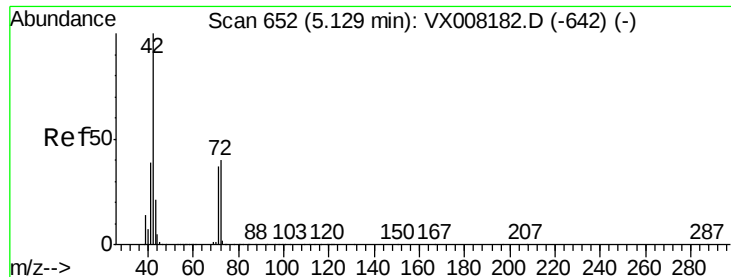


#28

Bromochloromethane
Concen: 14.277 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

Tgt Ion: 49 Resp: 30064
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 84.6 65.0 97.4





#29

Tetrahydrofuran

Concen: 78.847 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

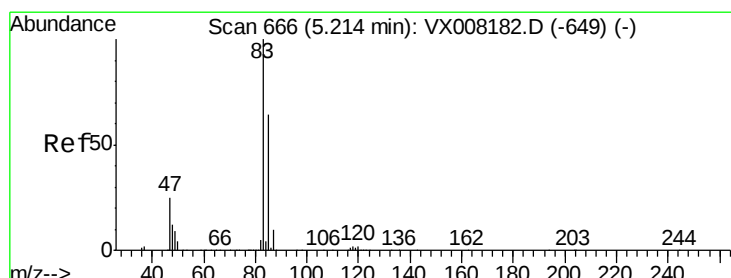
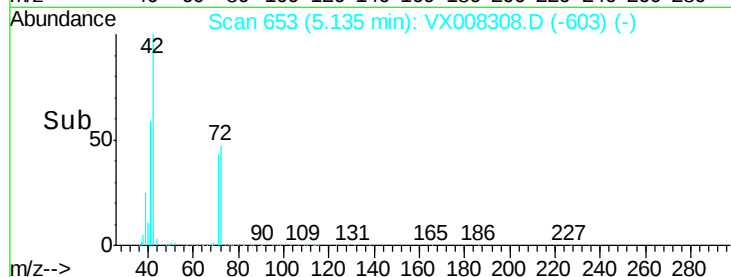
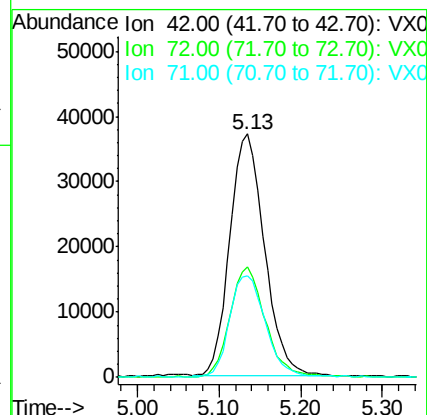
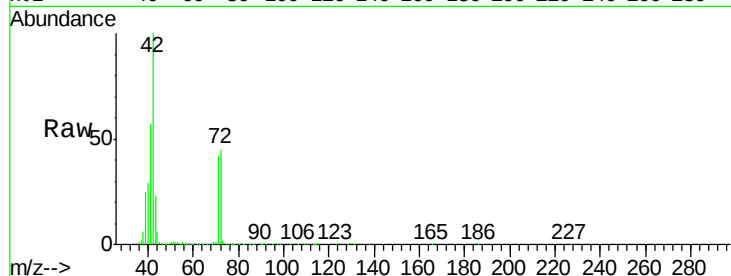
Tot Ion: 42 Resp: 109542

Ion Ratio Lower Upper

42 100

72 45.9 33.8 50.6

71 43.8 31.5 47.3



#30

Chloroform

Concen: 18.407 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX008308.D

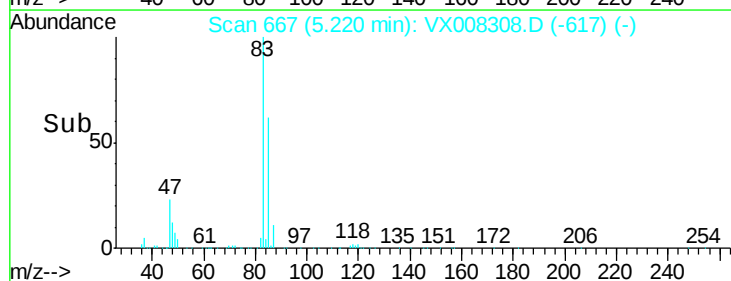
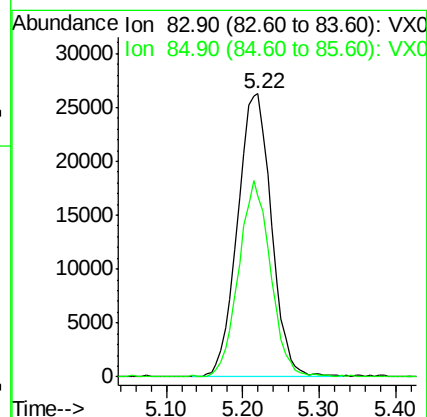
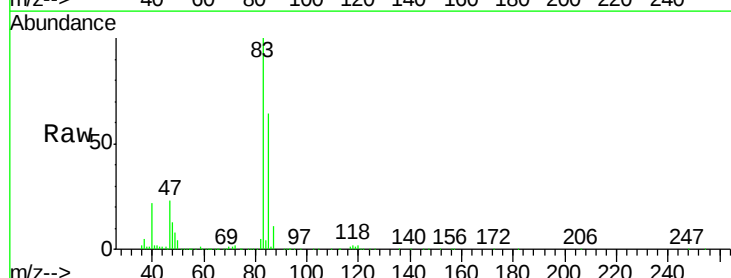
Acq: 21 Mar 2019 23:16

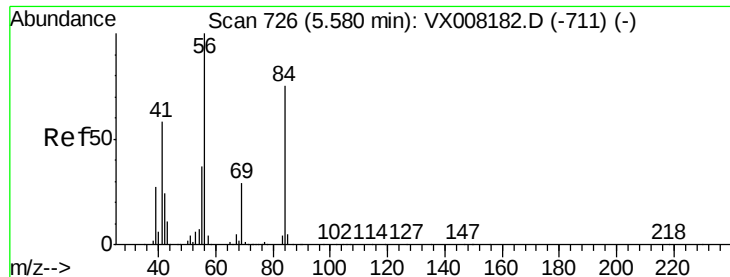
Tgt Ion: 83 Resp: 80744

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.6

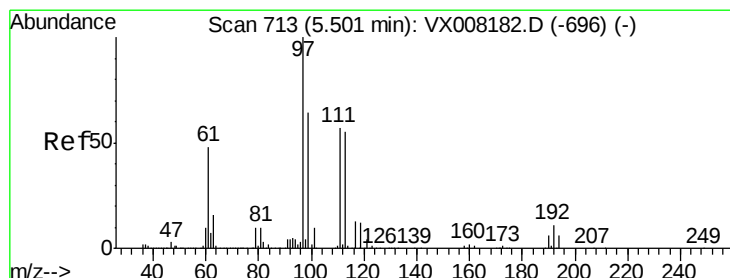
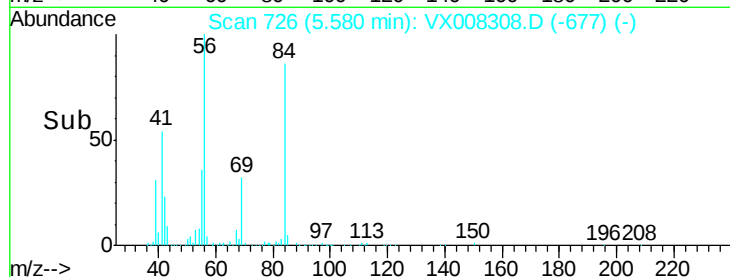
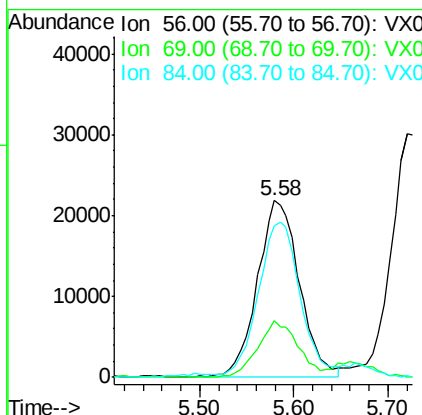
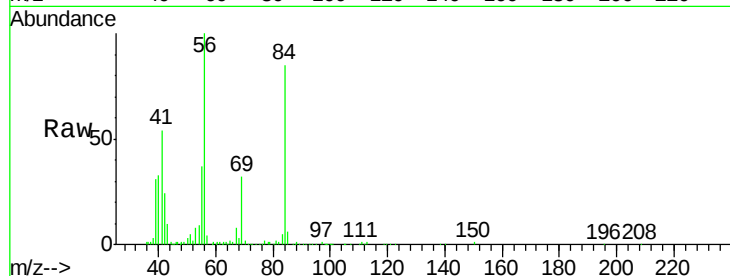




#31
Cyclohexane
Concen: 15.331 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

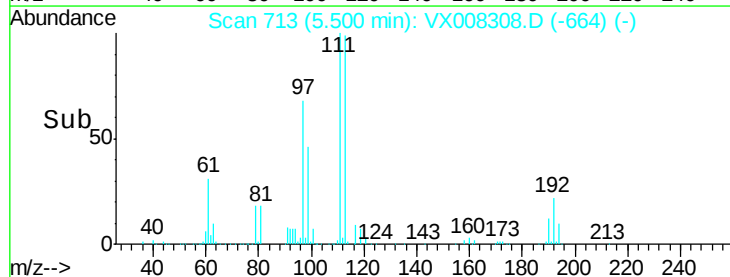
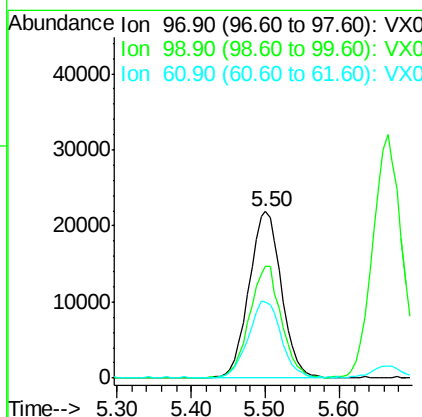
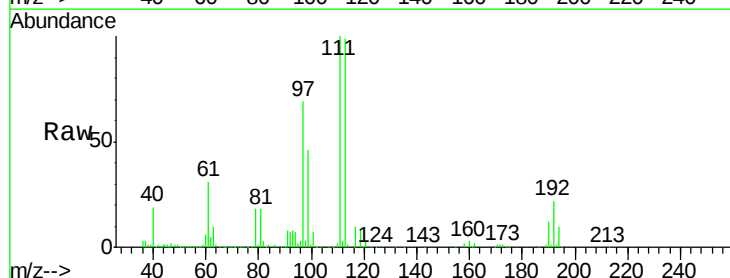
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

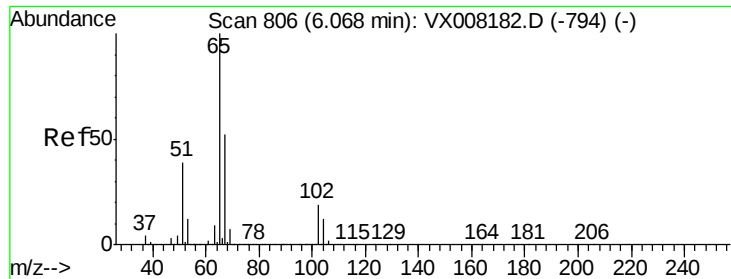
Tot Ion: 56 Resp: 67510
Ion Ratio Lower Upper
56 100
69 32.0 24.0 36.0
84 84.4 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 18.367 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

Tgt Ion: 97 Resp: 67021
Ion Ratio Lower Upper
97 100
99 66.1 52.2 78.2
61 46.3 34.9 52.3

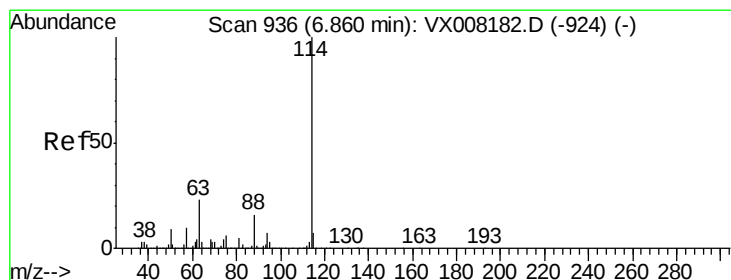
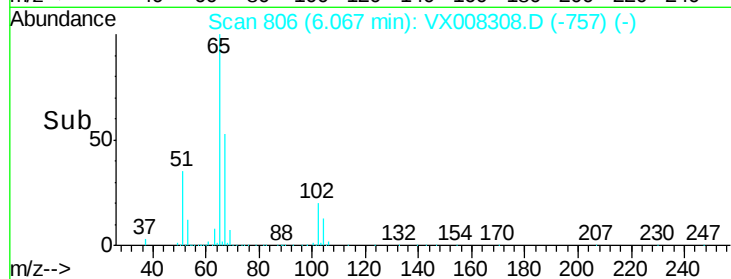
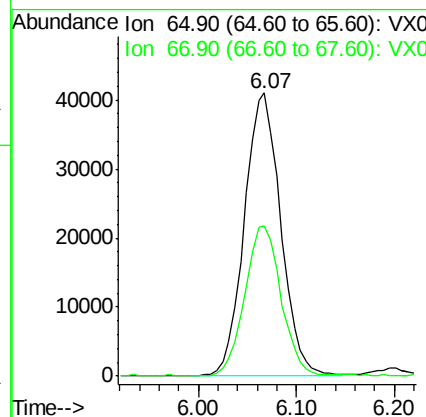
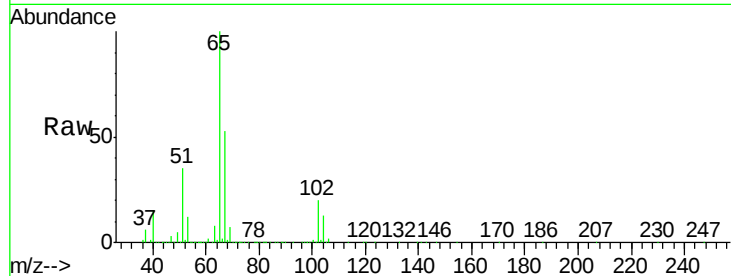




#33
 1,2-Dichloroethane-d4
 Concen: 39.735 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX008308.D
 Acq: 21 Mar 2019 23:16

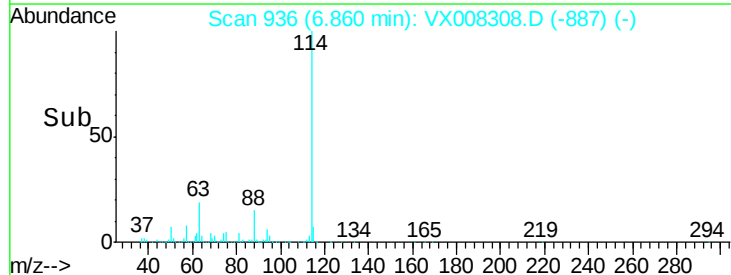
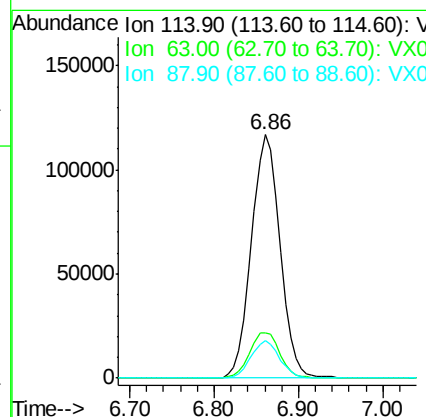
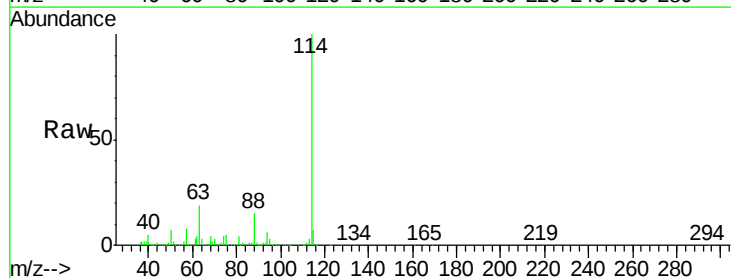
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

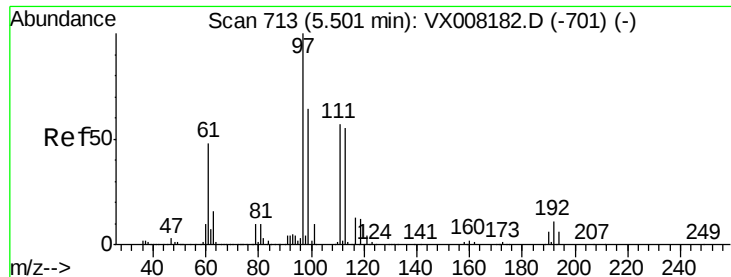
Tot Ion: 65 Resp: 105479
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008308.D
 Acq: 21 Mar 2019 23:16

Tgt Ion: 114 Resp: 269008
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.8
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.639 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

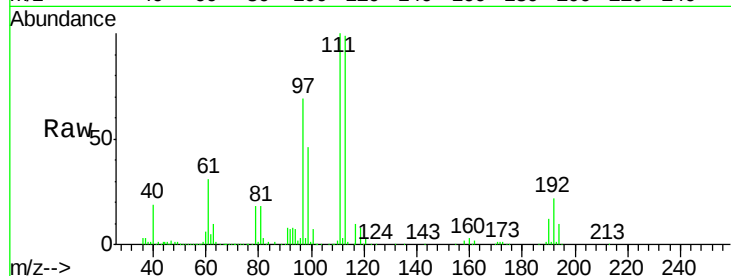
Tot Ion:113 Resp: 89392

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

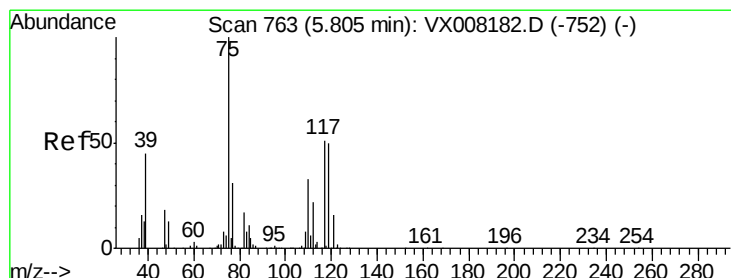
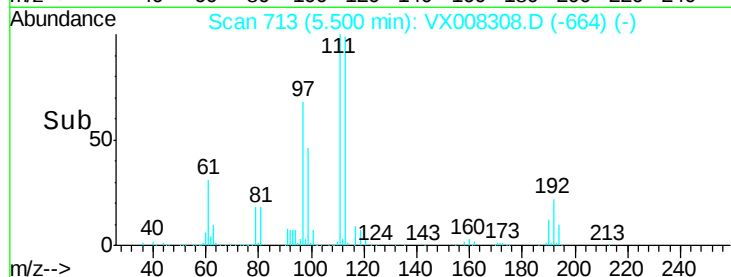
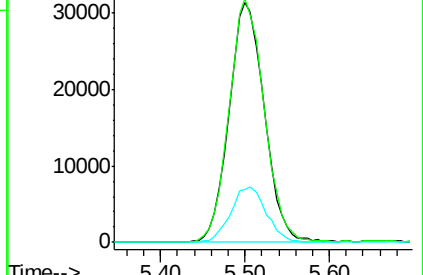
192 23.0 19.4 29.0



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: 18.285 ug/l

RT: 5.81 min Scan# 763

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

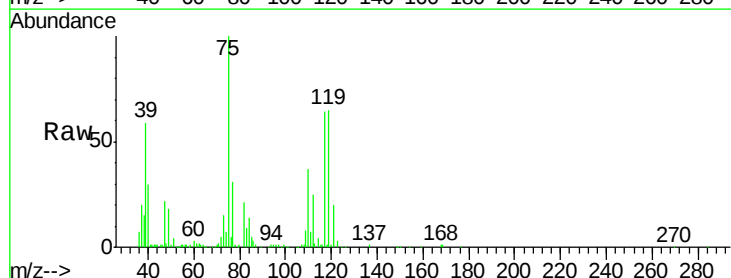
Tgt Ion: 75 Resp: 57267

Ion Ratio Lower Upper

75 100

110 39.0 18.4 55.0

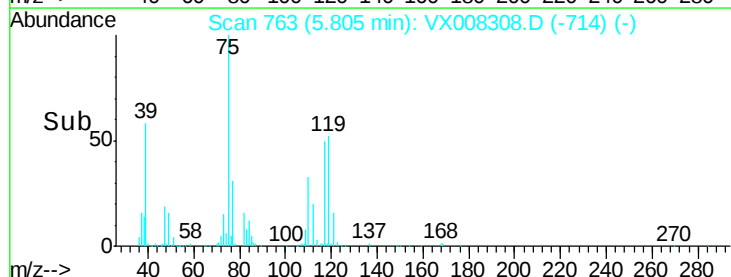
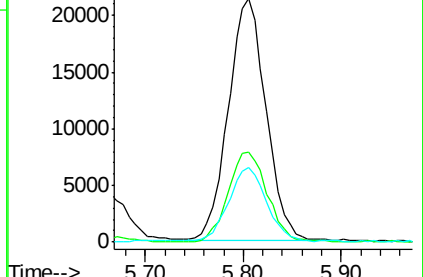
77 30.3 25.0 37.4

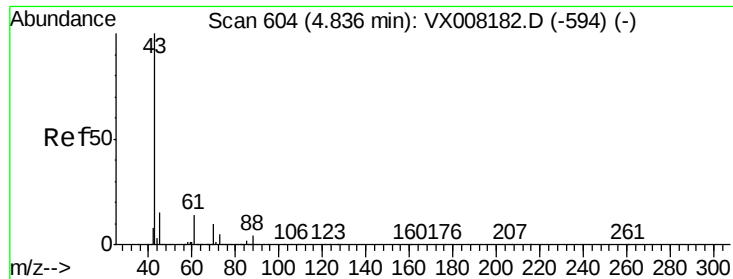


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

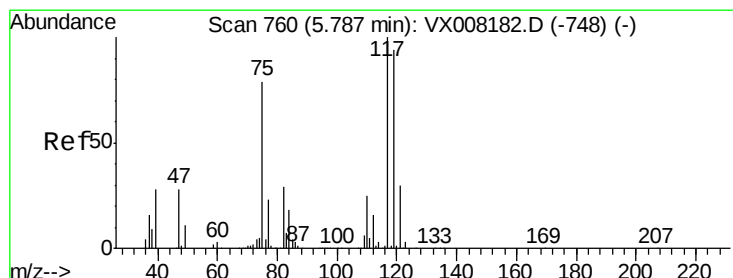
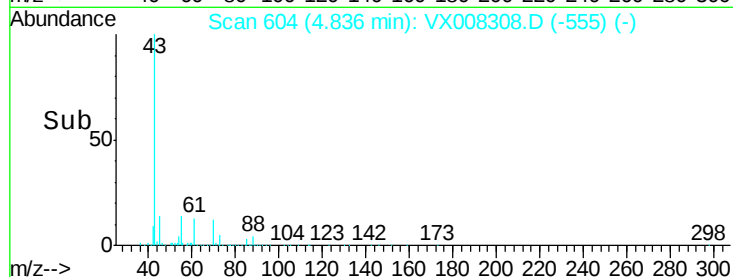
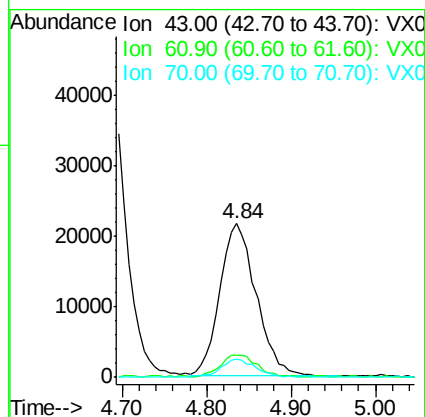
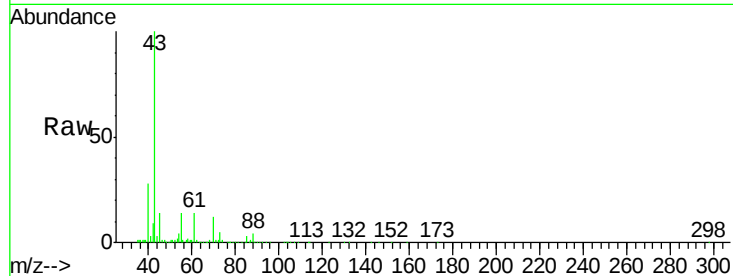




#37
Ethyl Acetate
Concen: 17.231 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

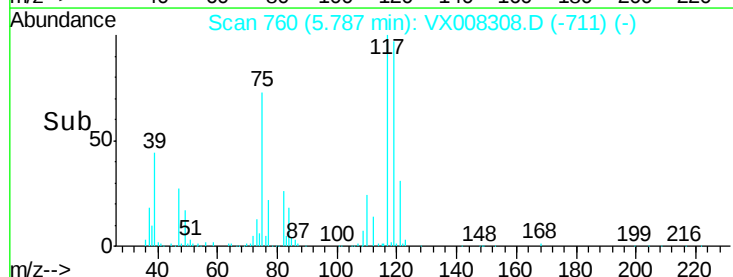
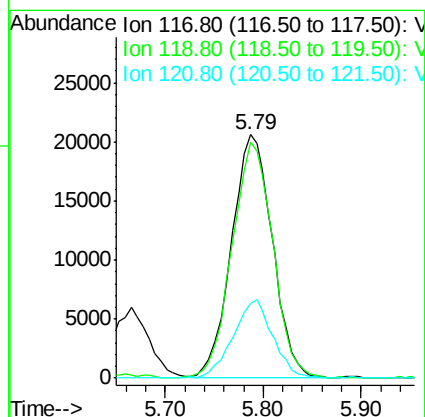
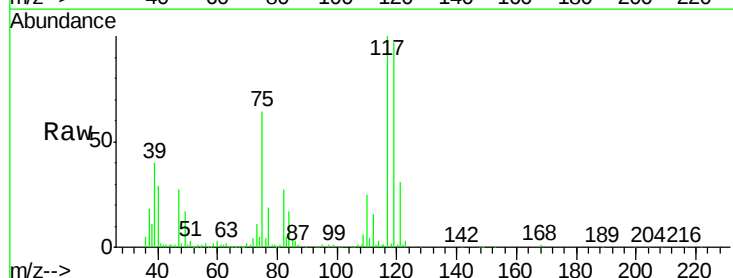
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

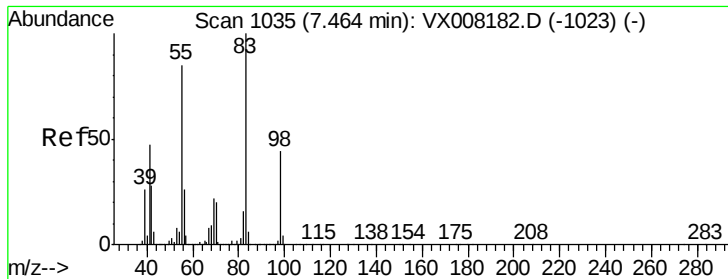
Tot Ion: 43 Resp: 63795
Ion Ratio Lower Upper
43 100
61 14.0 11.3 16.9
70 11.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 21.478 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

Tgt Ion: 117 Resp: 59935
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.2
121 30.3 24.6 36.8





#39

Methvlcvclohexane

Concen: 17.630 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

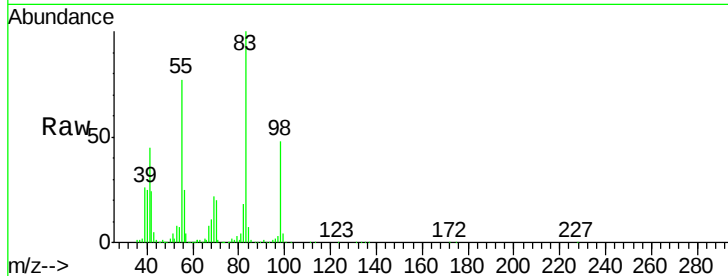
Tot Ion: 83 Resp: 66449

Ion Ratio Lower Upper

83 100

55 76.9 60.4 90.6

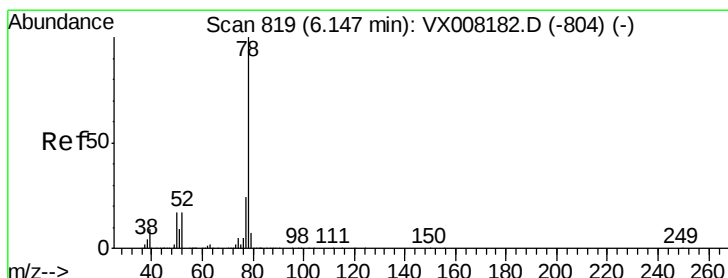
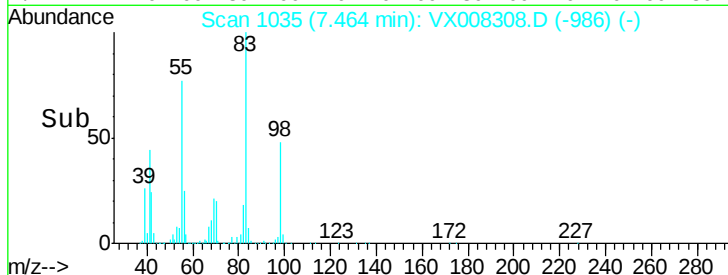
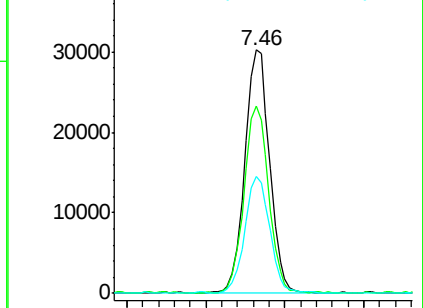
98 48.1 36.5 54.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 19.148 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX008308.D

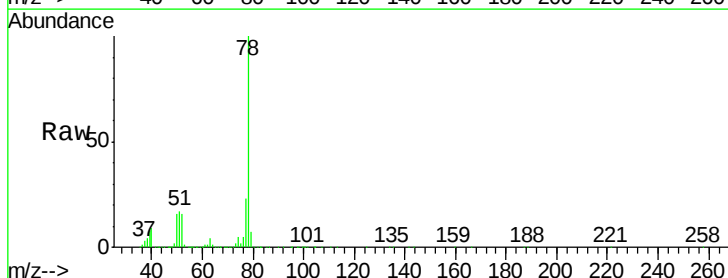
Acq: 21 Mar 2019 23:16

Tgt Ion: 78 Resp: 177502

Ion Ratio Lower Upper

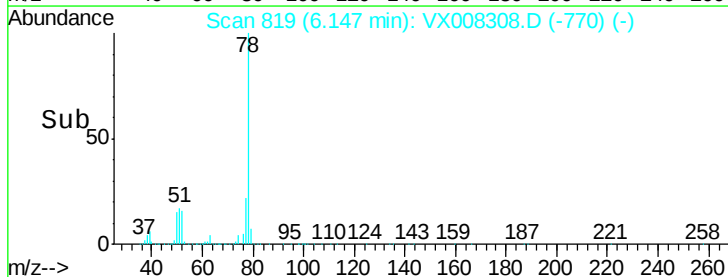
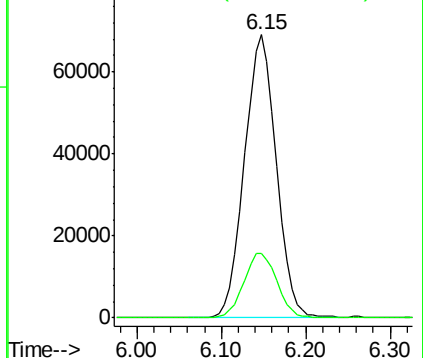
78 100

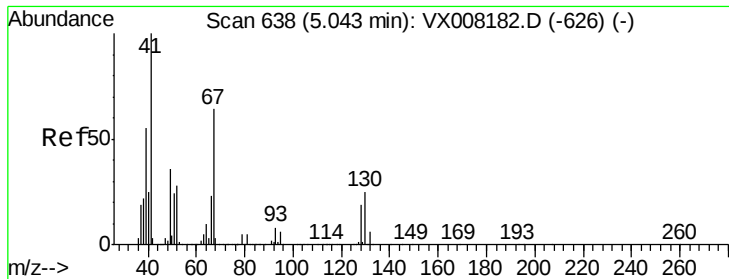
77 22.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

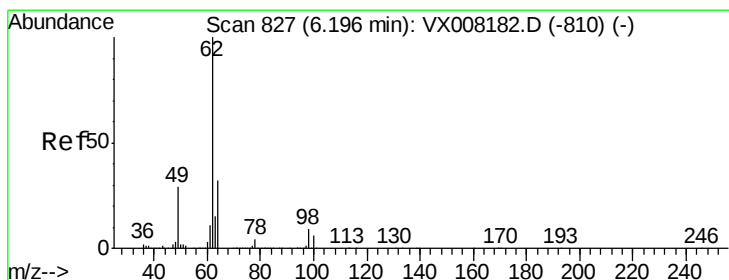
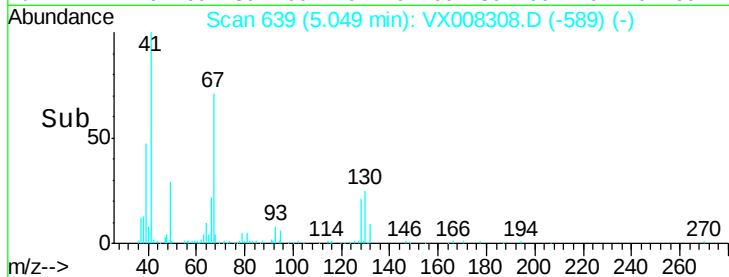
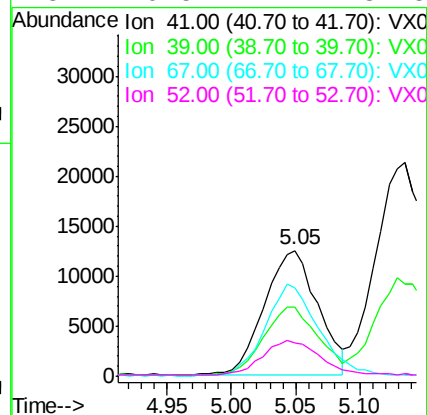
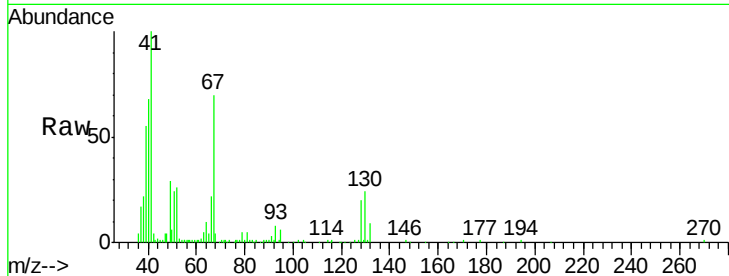




#41
Methacrylonitrile
Concen: 17.370 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

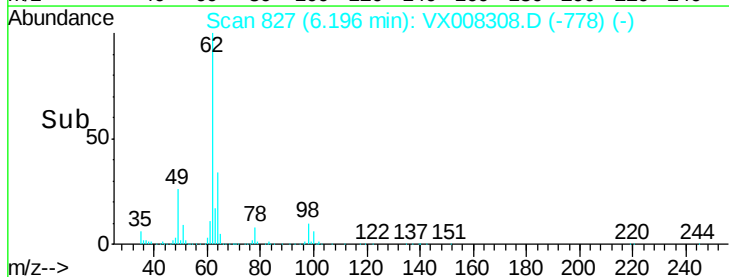
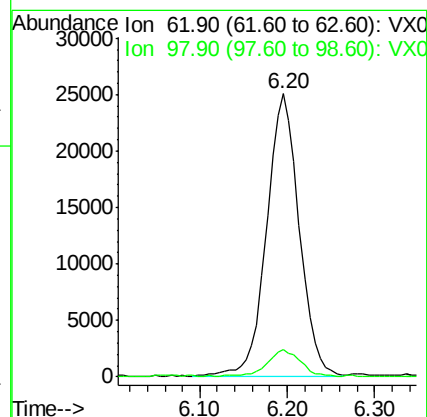
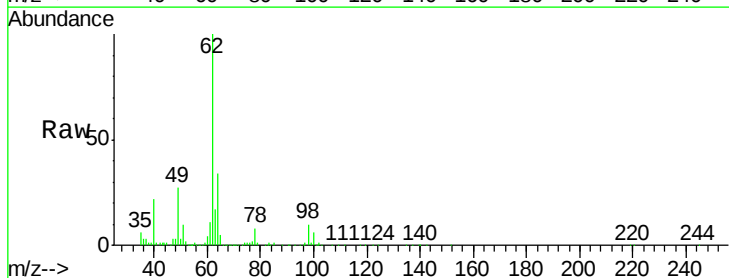
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

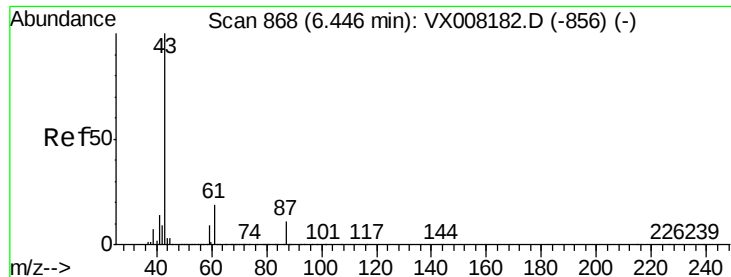
Tot Ion:	41	Resp:	36073
Ion	Ratio	Lower	Upper
41	100		
39	55.3	41.6	62.4
67	74.2	55.8	83.6
52	29.5	21.7	32.5



#42
1,2-Dichloroethane
Concen: 19.147 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

Tgt Ion:	62	Resp:	65019
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4



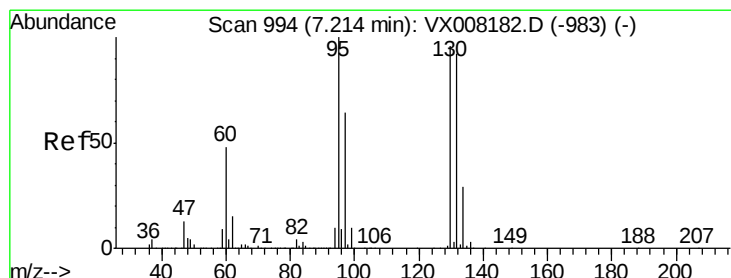
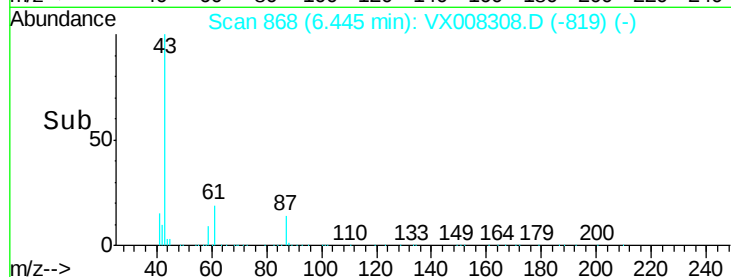
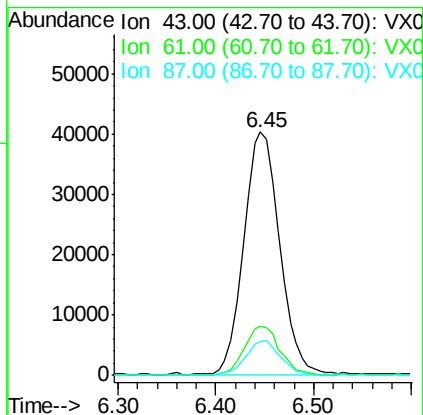
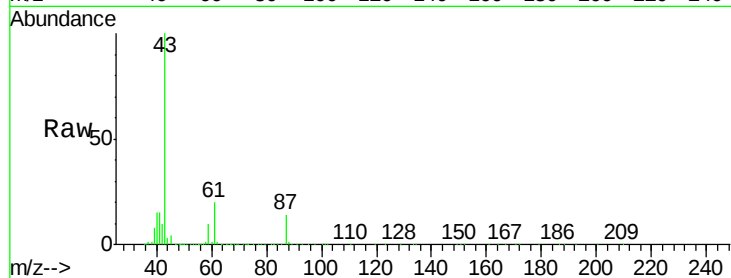


#43

Isopropyl Acetate
 Concen: 17.202 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008308.D
 Acq: 21 Mar 2019 23:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

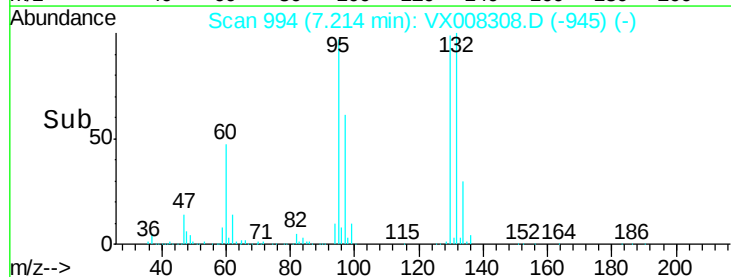
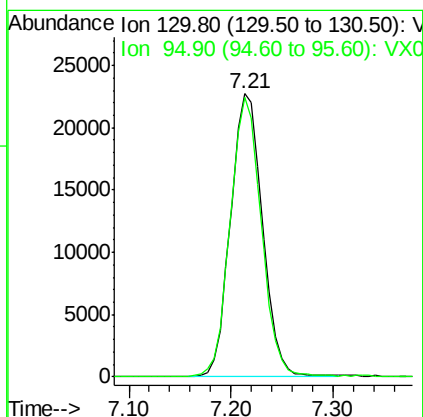
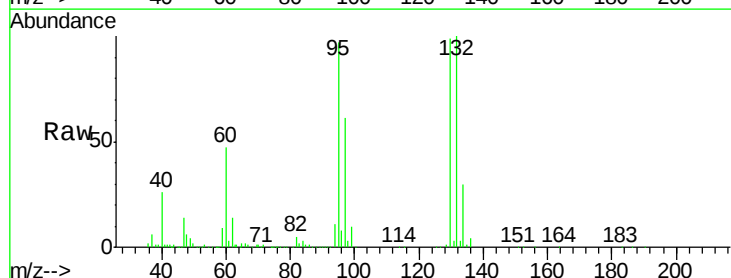
Tot Ion: 43 Resp: 102085
 Ion Ratio Lower Upper
 43 100
 61 20.4 16.3 24.5
 87 14.1 10.5 15.7

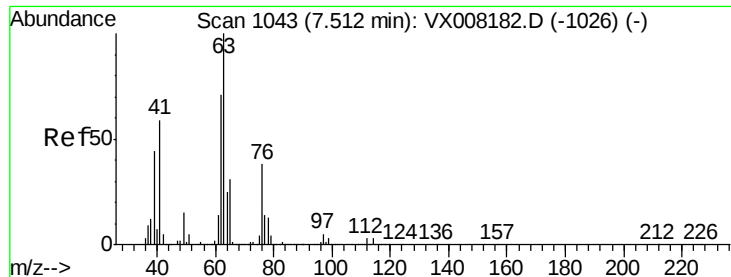


#44

Trichloroethene
 Concen: 21.701 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008308.D
 Acq: 21 Mar 2019 23:16

Tgt Ion: 130 Resp: 49188
 Ion Ratio Lower Upper
 130 100
 95 98.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 17.694 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

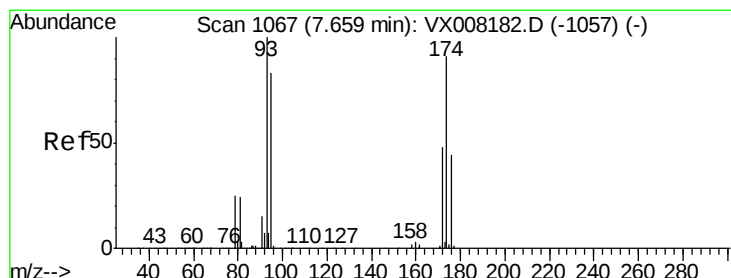
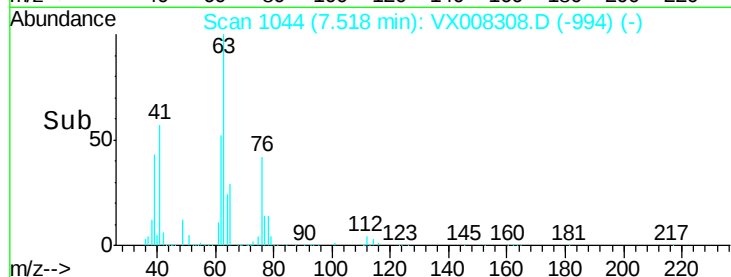
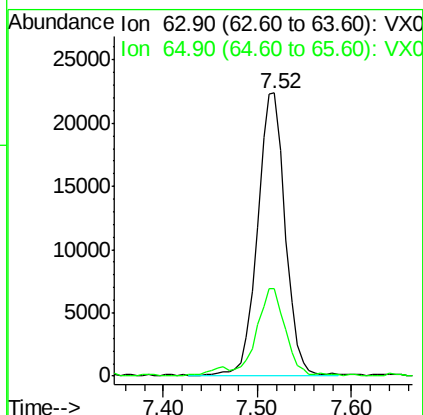
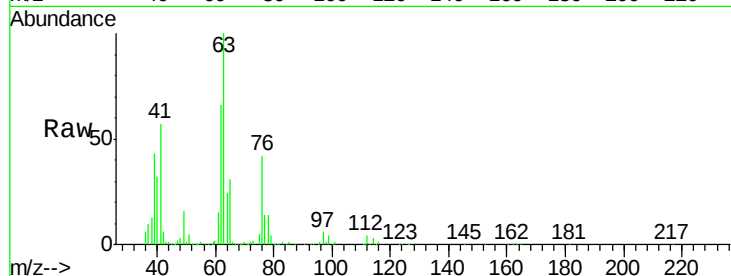
VX0321WBS02

Tot Ion: 63 Resp: 45915

Ion Ratio Lower Upper

63 100

65 30.8 24.7 37.1



#46

Dibromomethane

Concen: 20.590 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

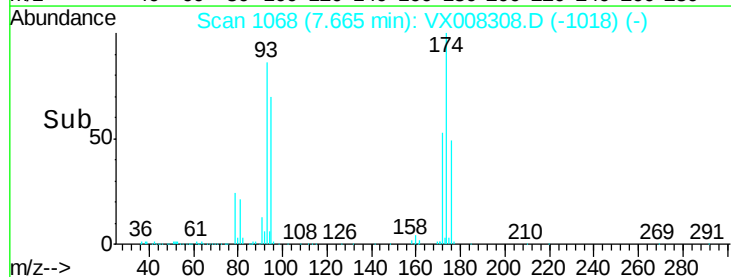
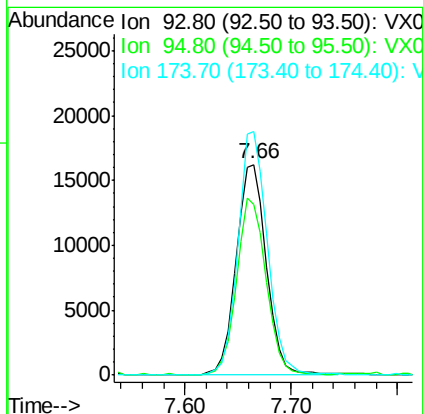
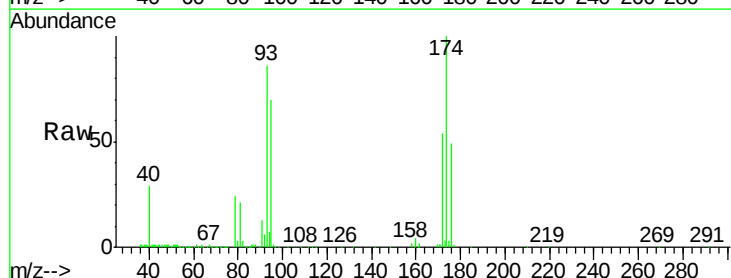
Tgt Ion: 93 Resp: 32351

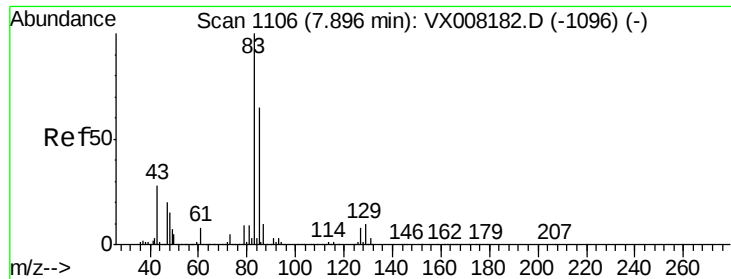
Ion Ratio Lower Upper

93 100

95 82.6 66.8 100.2

174 113.0 97.3 145.9





#47

Bromodichloromethane

Concen: 20.113 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

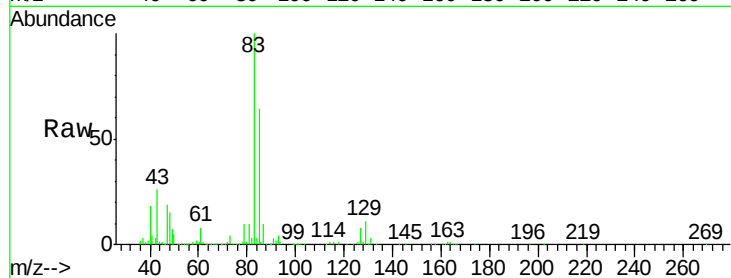
Tot Ion: 83 Resp: 60227

Ion Ratio Lower Upper

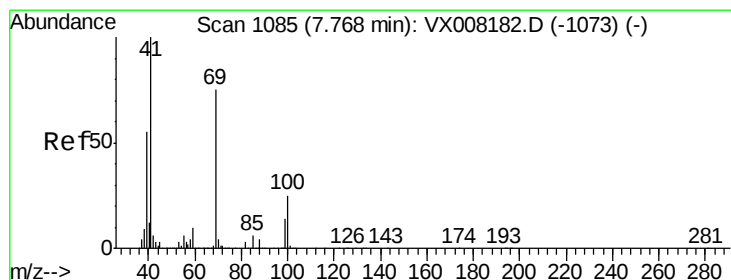
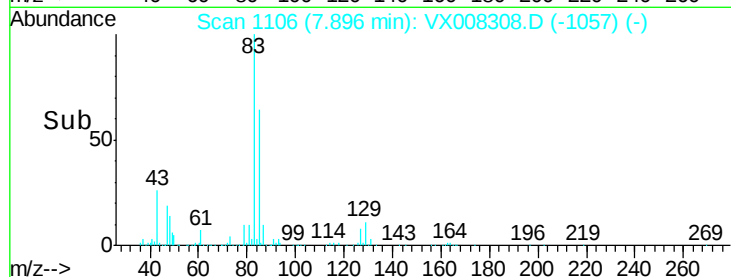
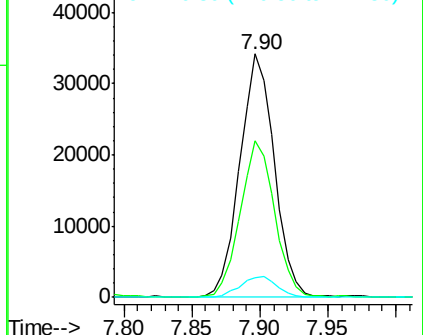
83 100

85 64.0 50.9 76.3

127 8.3 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: 16.506 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

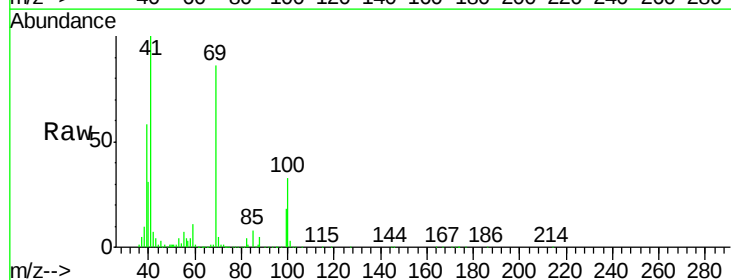
Tgt Ion: 41 Resp: 52083

Ion Ratio Lower Upper

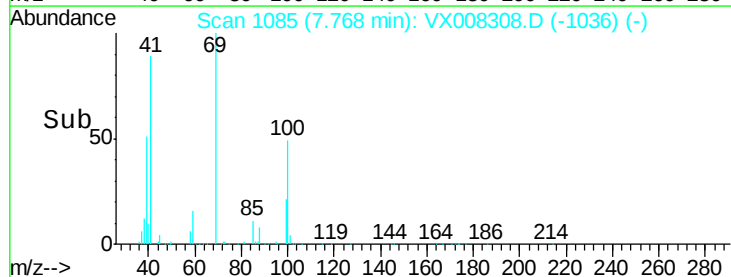
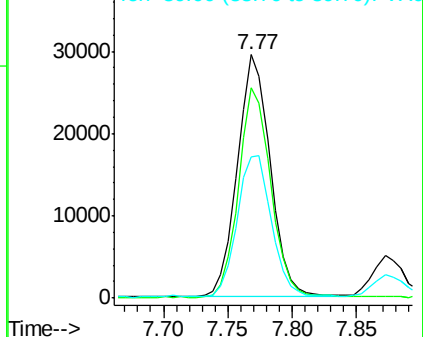
41 100

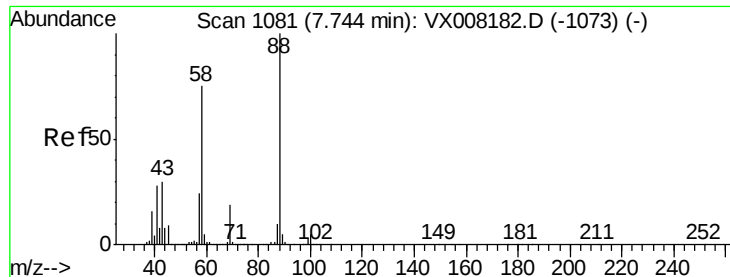
69 84.9 65.2 97.8

39 60.6 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

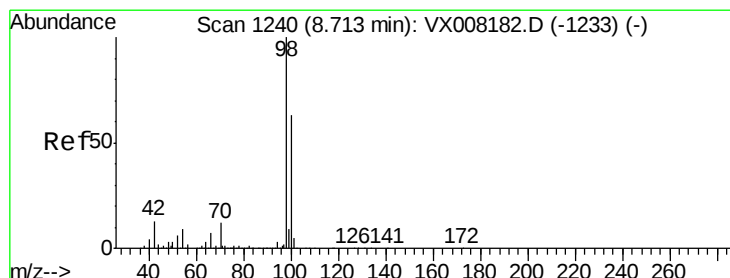
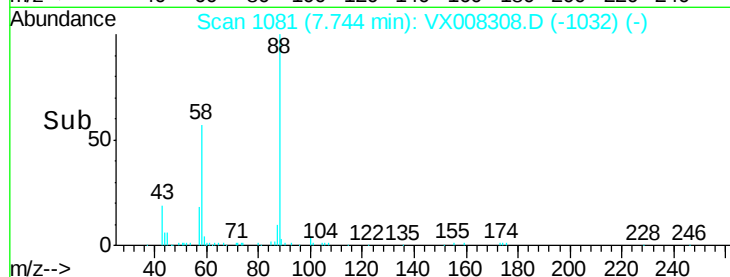
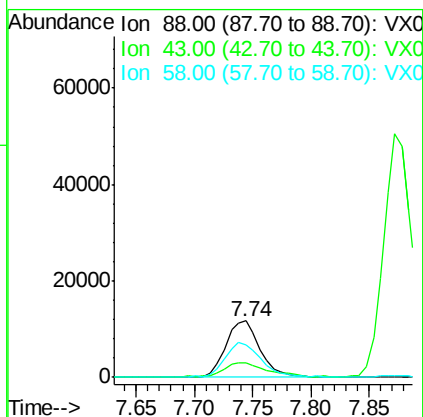
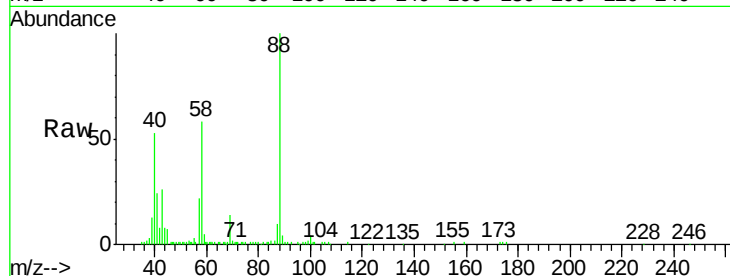




#49
1,4-Dioxane
Concen: 428.144 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

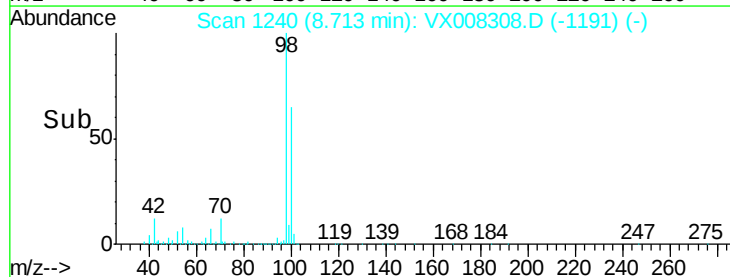
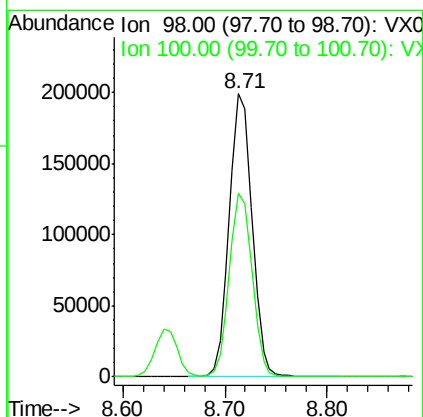
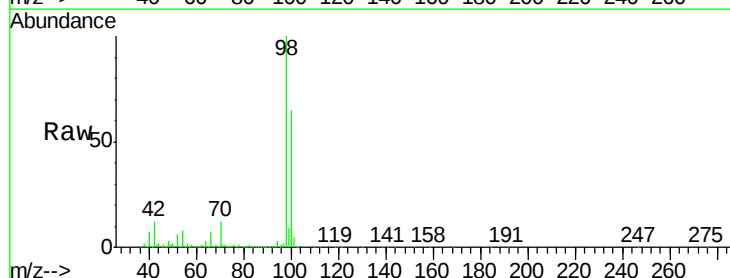
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

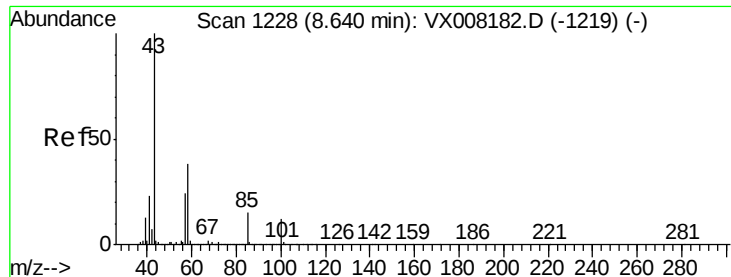
Tot Ion: 88 Resp: 23840
Ion Ratio Lower Upper
88 100
43 35.0 25.1 37.7
58 64.7 57.8 86.6



#50
Toluene-d8
Concen: 45.103 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

Tgt Ion: 98 Resp: 307946
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5

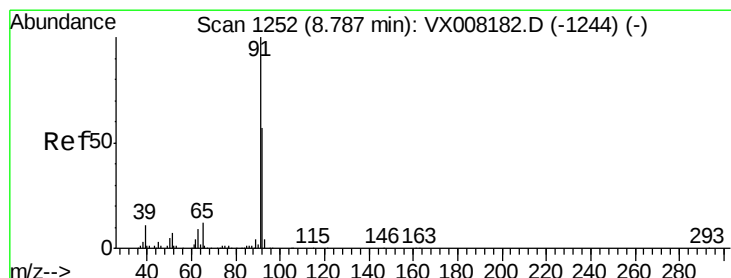
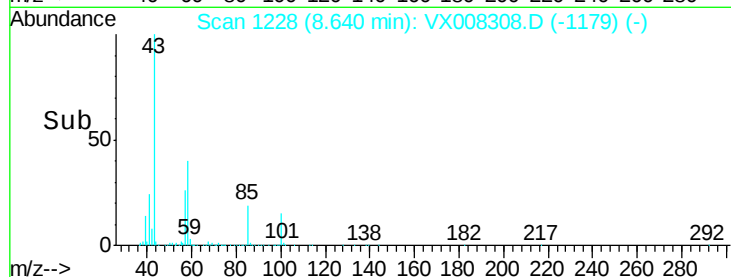
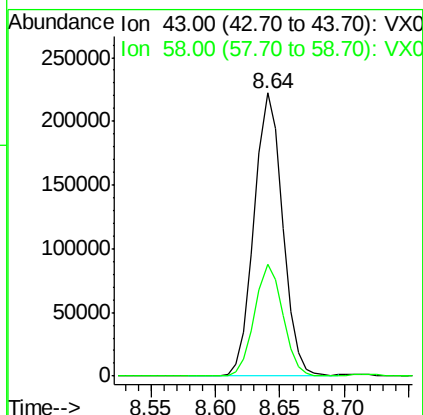
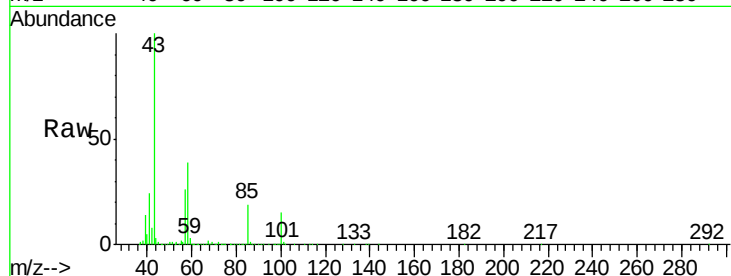




#51
4-Methyl-2-Pentanone
Concen: 88.475 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

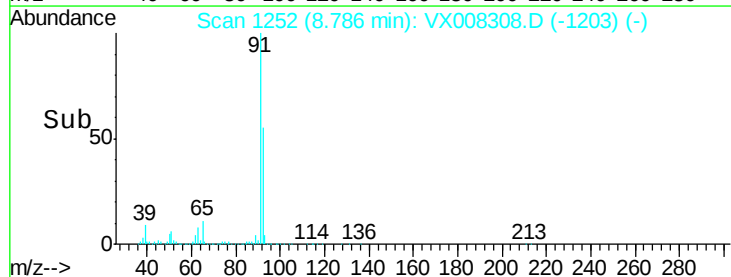
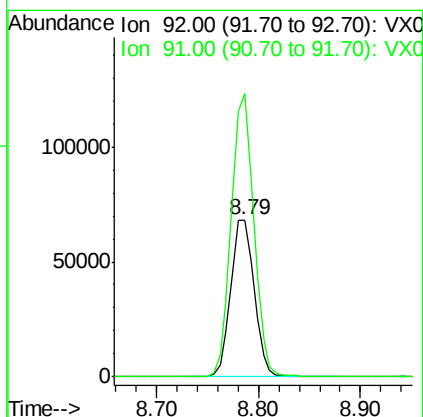
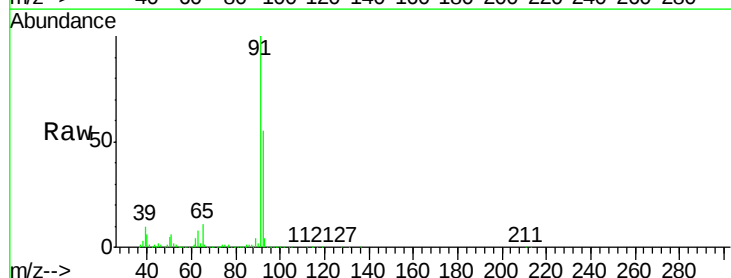
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tot Ion: 43 Resp: 339435
Ion Ratio Lower Upper
43 100
58 39.5 31.3 46.9



#52
Toluene
Concen: 19.702 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

Tgt Ion: 92 Resp: 108351
Ion Ratio Lower Upper
92 100
91 173.2 137.4 206.0

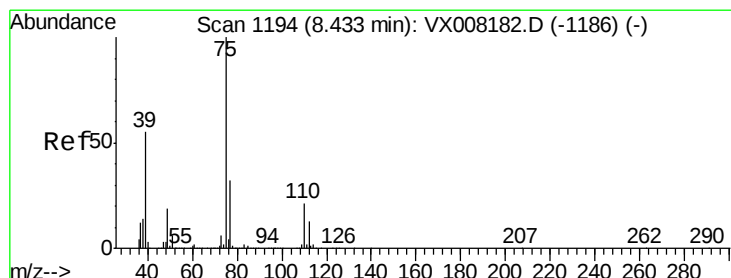
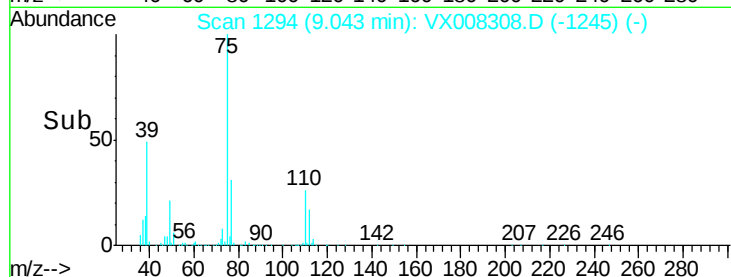
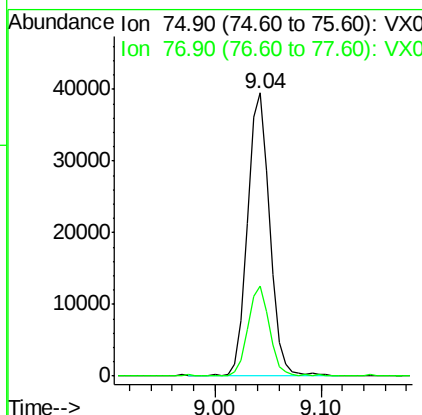
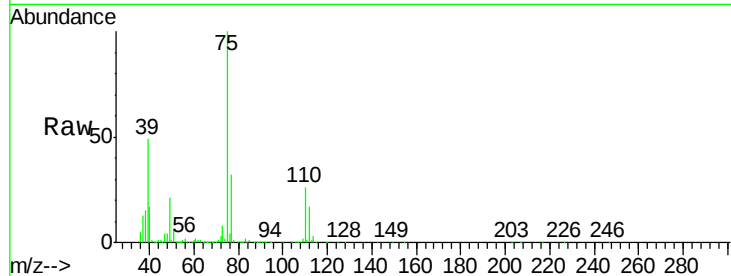




#53
t-1,3-Dichloropropene
Concen: 16.472 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

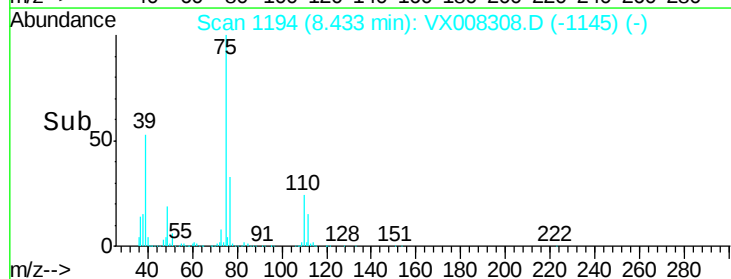
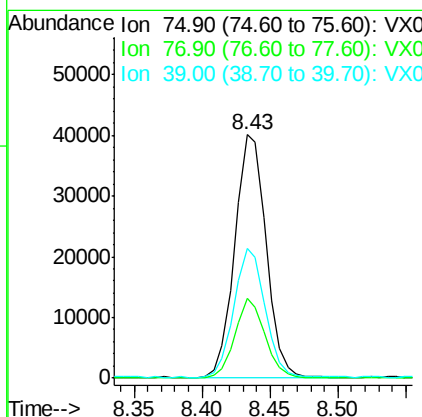
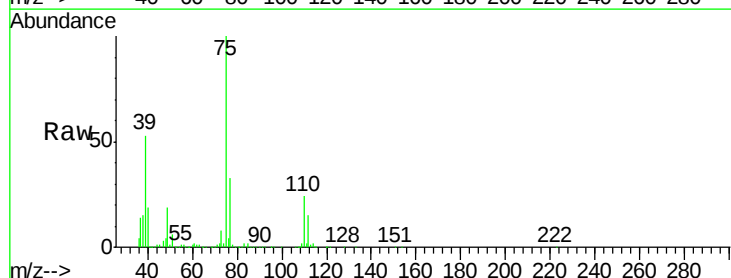
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

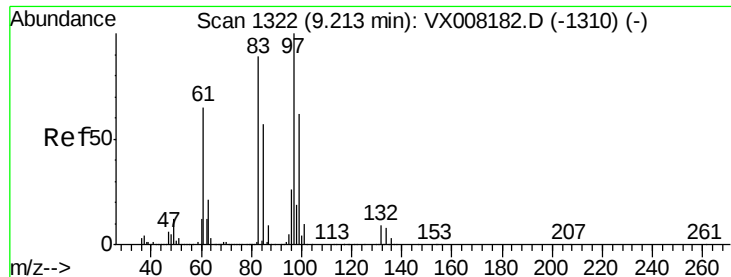
Tot Ion: 75 Resp: 58089
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 17.332 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

Tgt Ion: 75 Resp: 64408
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.6
39 53.2 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 20.920 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

Tot Ion: 97 Resp: 46484

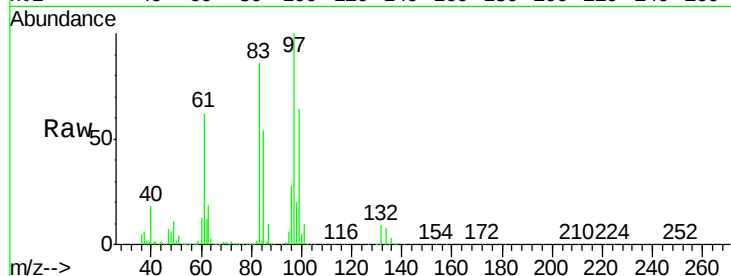
Ion Ratio Lower Upper

97 100

83 85.8 69.1 103.7

85 54.1 44.3 66.5

99 64.4 49.8 74.8

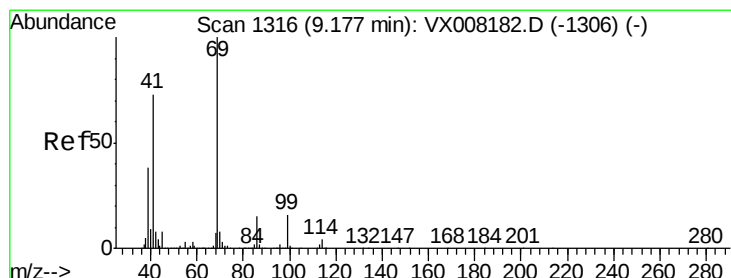
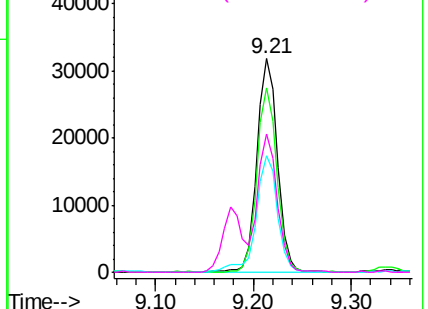
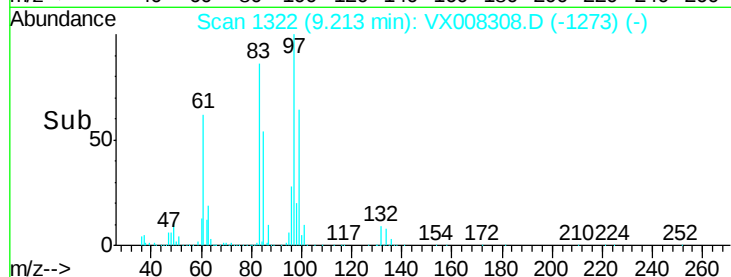


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.625 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

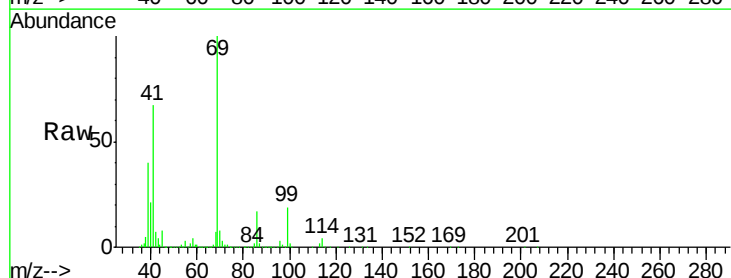
Tgt Ion: 69 Resp: 67352

Ion Ratio Lower Upper

69 100

41 66.2 54.2 81.4

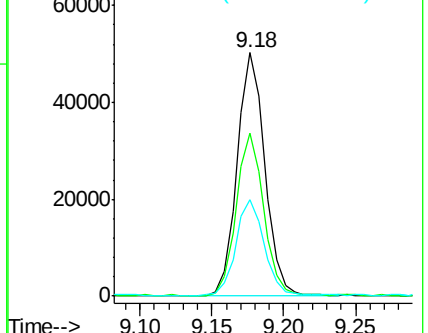
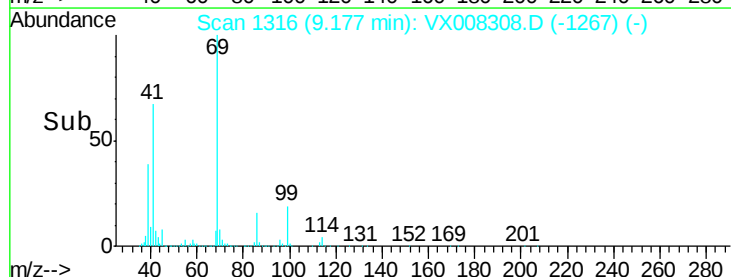
39 39.9 25.0 37.4#

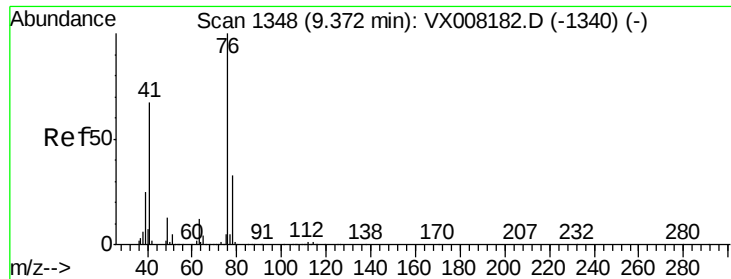


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.339 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

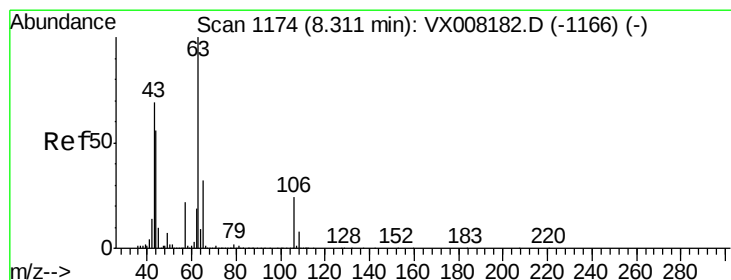
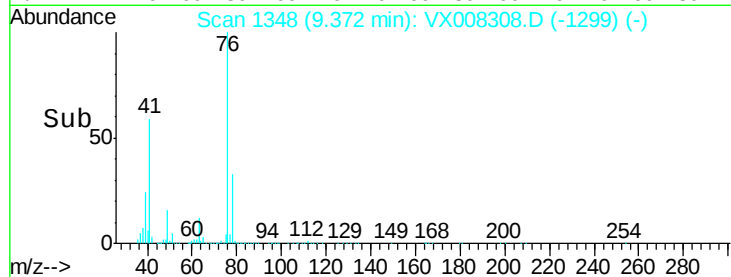
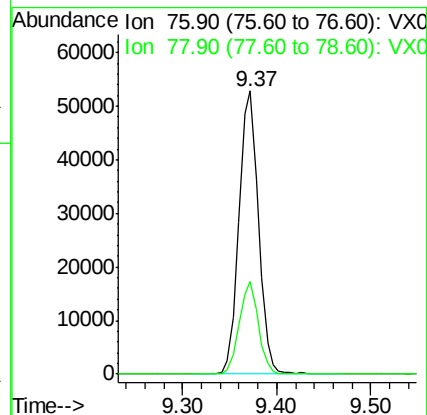
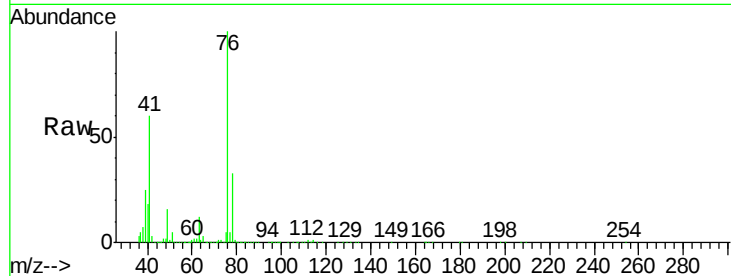
VX0321WBS02

Tot Ion: 76 Resp: 76014

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 80.146 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008308.D

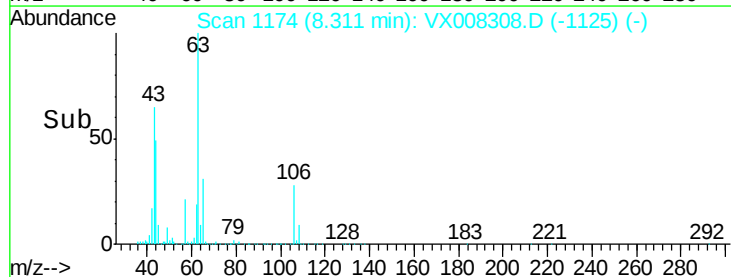
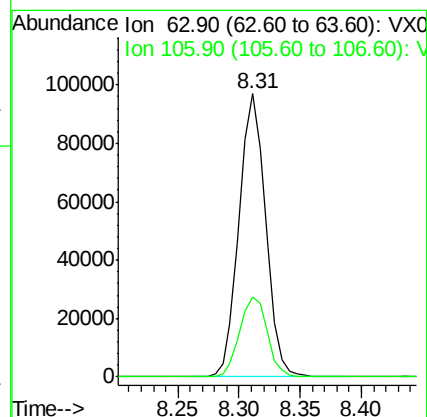
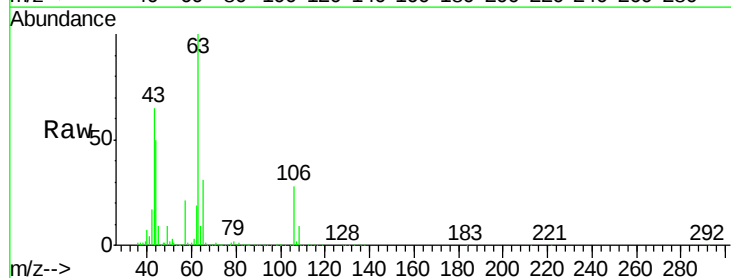
Acq: 21 Mar 2019 23:16

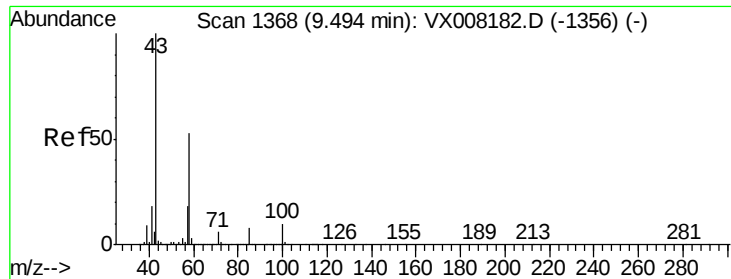
Tgt Ion: 63 Resp: 145908

Ion Ratio Lower Upper

63 100

106 29.6 22.2 33.2

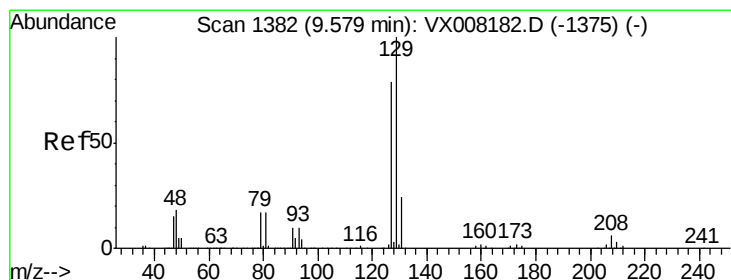
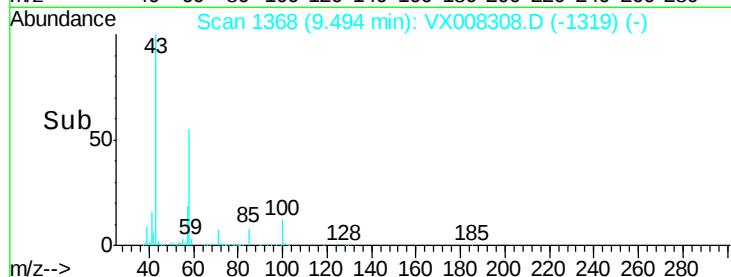
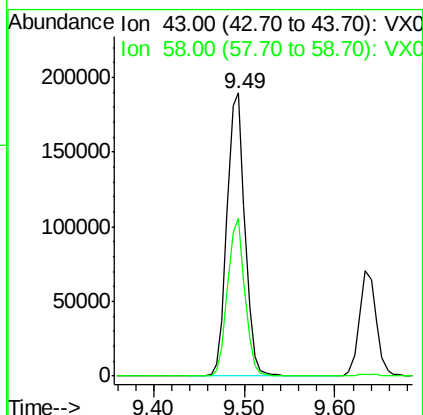
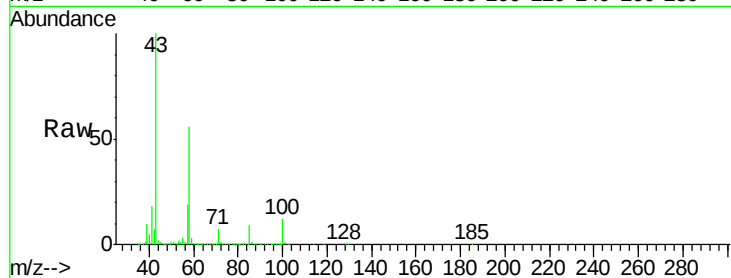




#59
2-Hexanone
Concen: 88.358 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

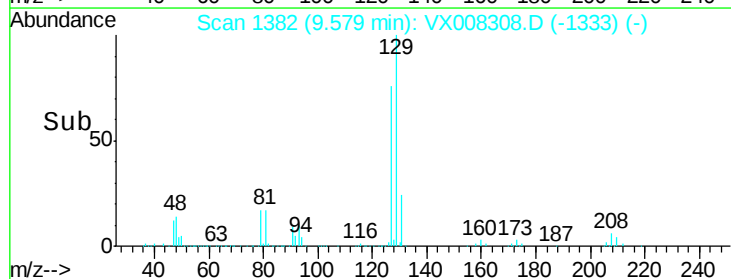
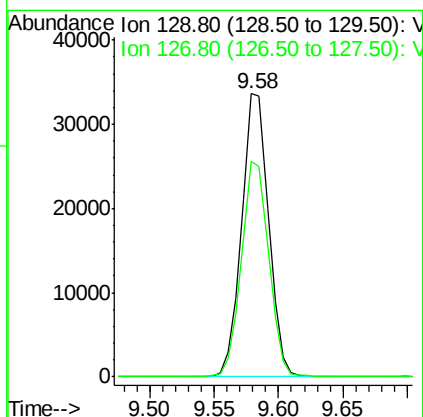
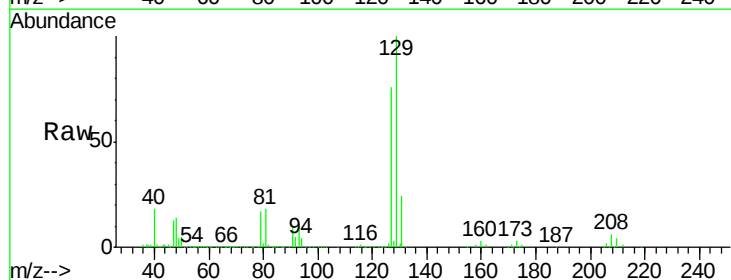
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

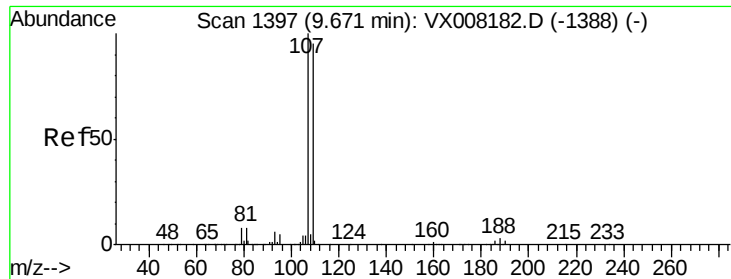
Tot Ion: 43 Resp: 260981
Ion Ratio Lower Upper
43 100
58 54.1 27.6 82.7



#60
Dibromochloromethane
Concen: 22.837 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

Tgt Ion: 129 Resp: 48766
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.956 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

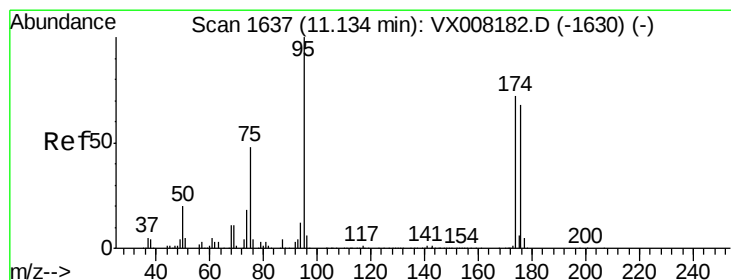
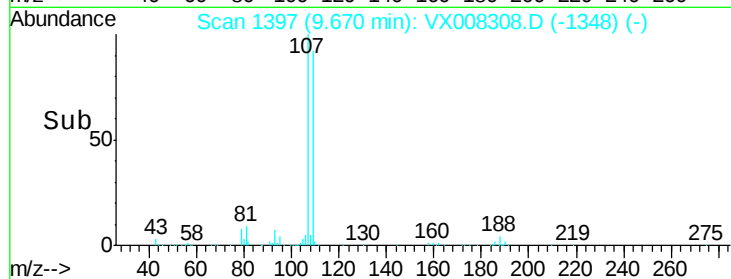
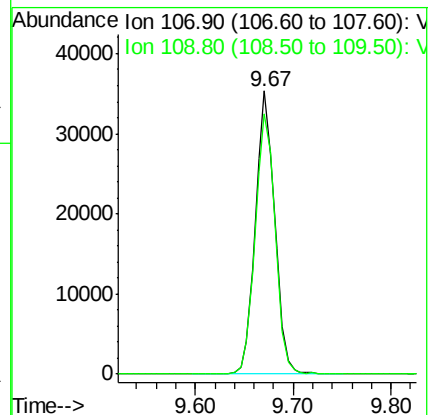
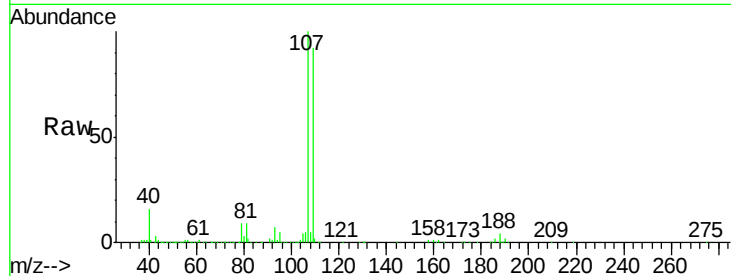
VX0321WBS02

Tot Ion:107 Resp: 48621

Ion Ratio Lower Upper

107 100

109 95.2 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 46.013 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

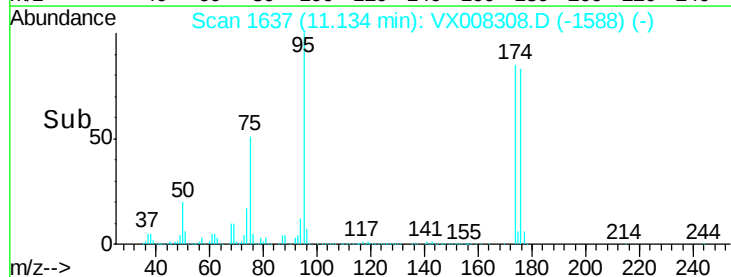
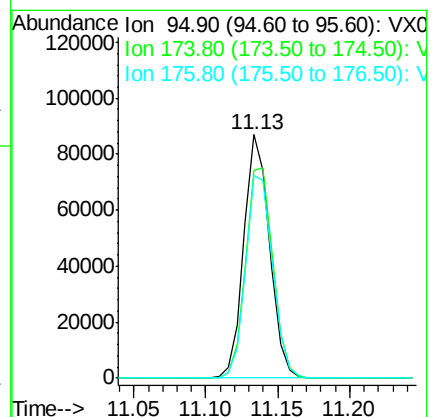
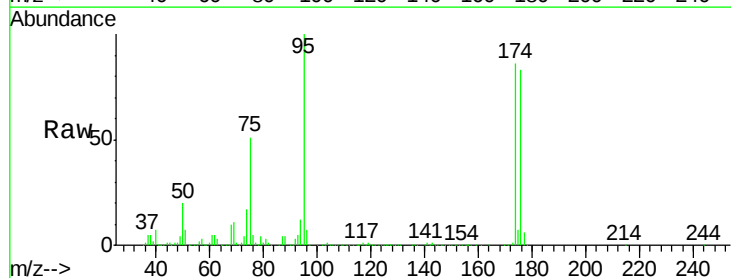
Tgt Ion: 95 Resp: 108171

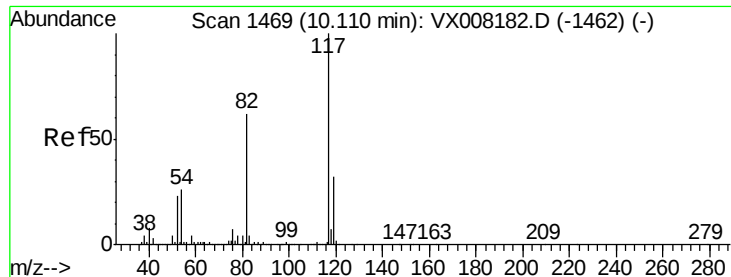
Ion Ratio Lower Upper

95 100

174 91.0 0.0 182.8

176 86.6 0.0 178.0

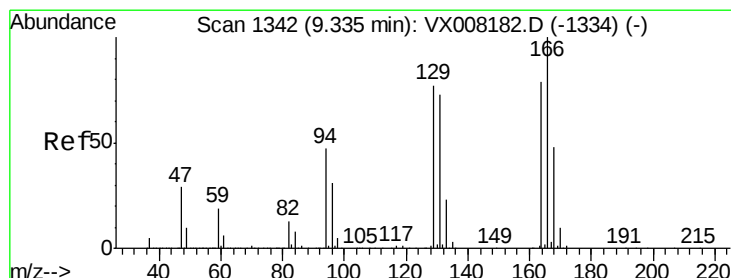
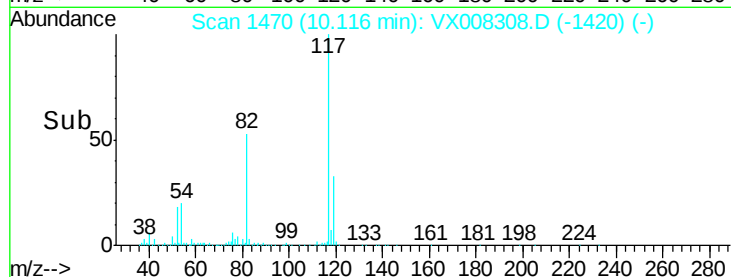
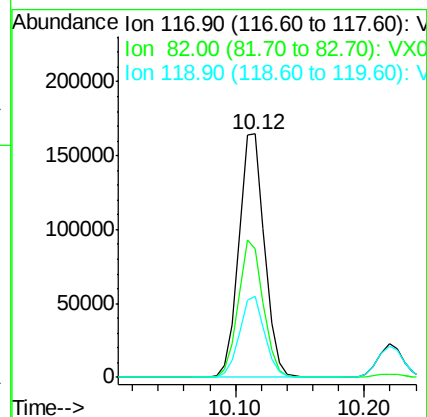
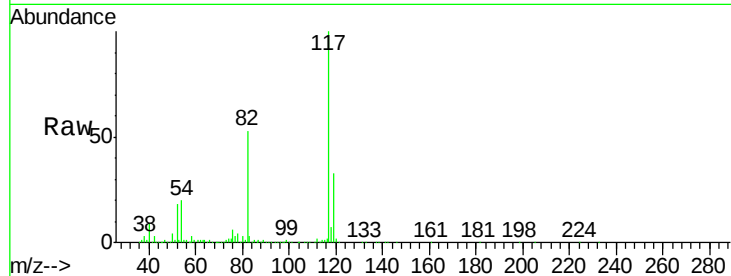




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

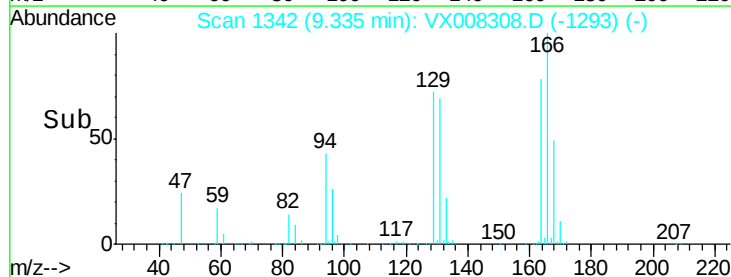
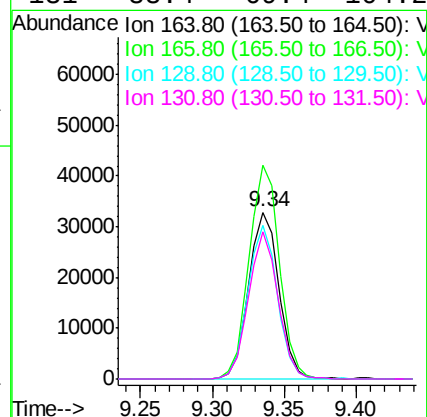
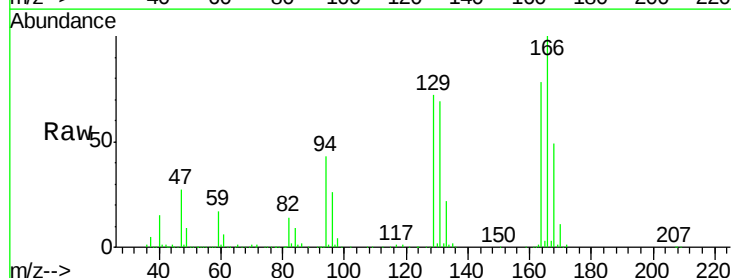
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

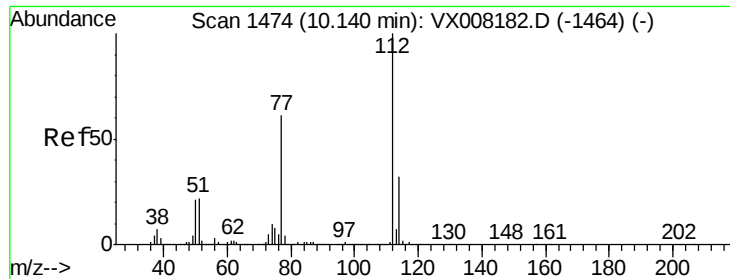
Tot Ion:117 Resp: 228548
Ion Ratio Lower Upper
117 100
82 52.7 44.3 66.5
119 33.5 25.3 37.9



#64
Tetrachloroethene
Concen: 23.132 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

Tgt Ion:164 Resp: 47696
Ion Ratio Lower Upper
164 100
166 128.0 103.4 155.0
129 92.4 72.2 108.4
131 88.4 69.4 104.2

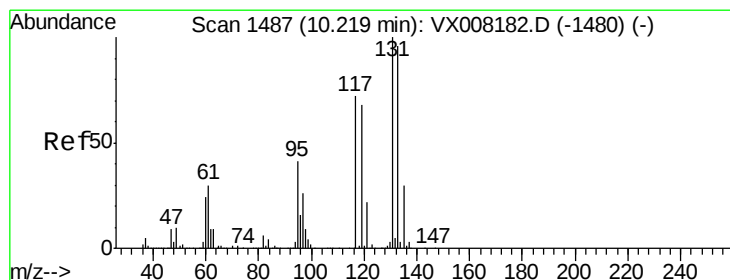
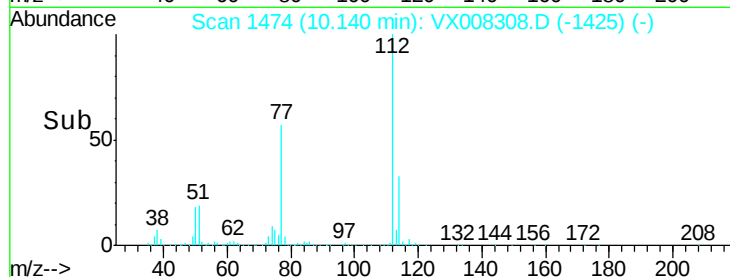
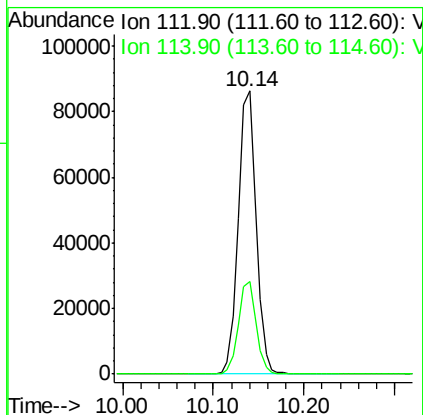
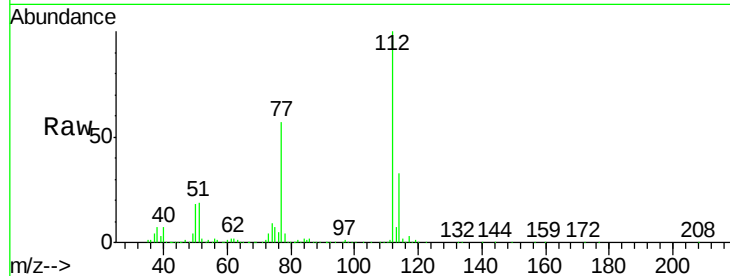




#65
Chlorobenzene
Concen: 21.123 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

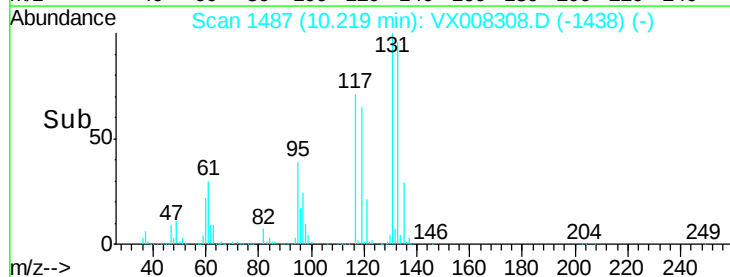
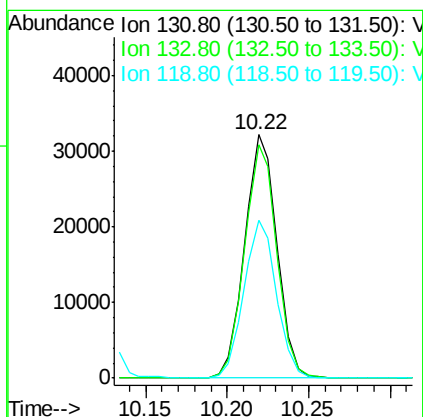
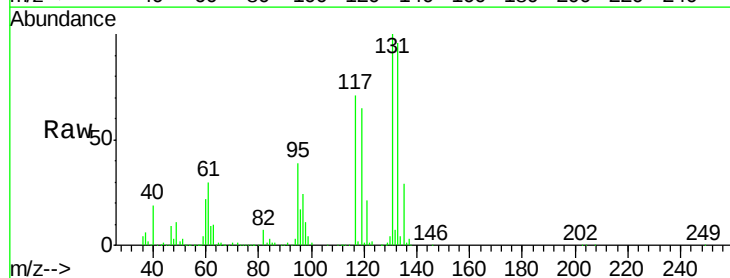
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

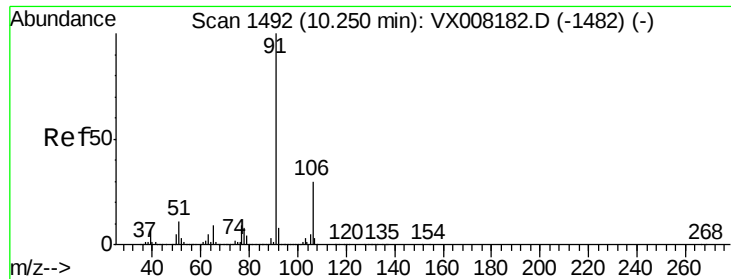
Tot Ion:112 Resp: 118790
Ion Ratio Lower Upper
112 100
114 33.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 22.610 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

Tgt Ion:131 Resp: 44332
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.3
119 65.7 32.5 97.5

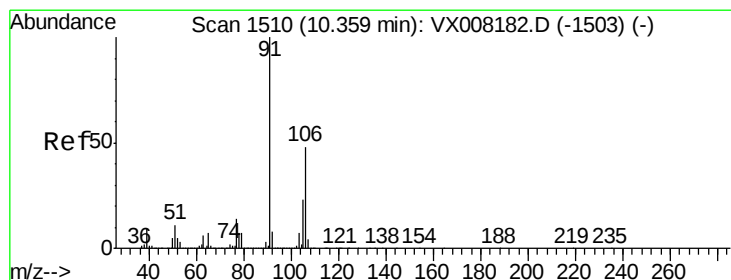
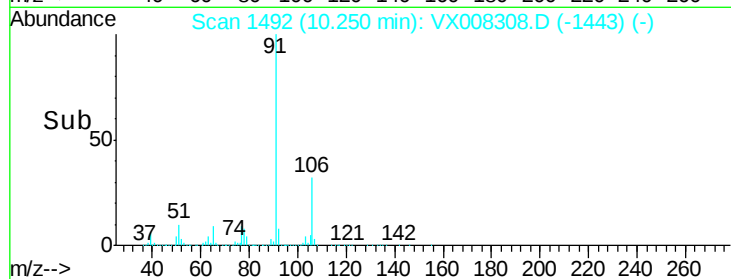
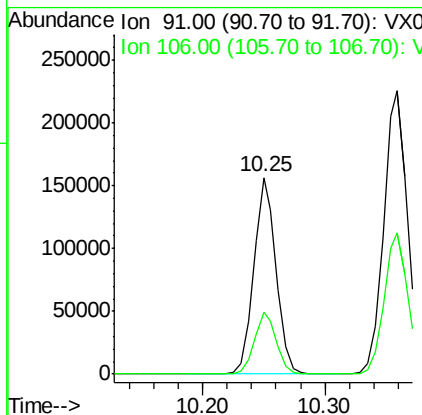
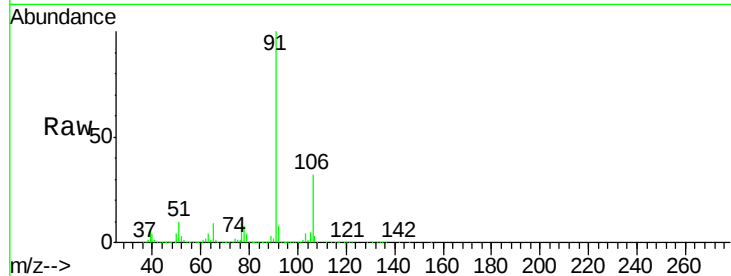




#67
Ethyl Benzene
Concen: 20.030 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

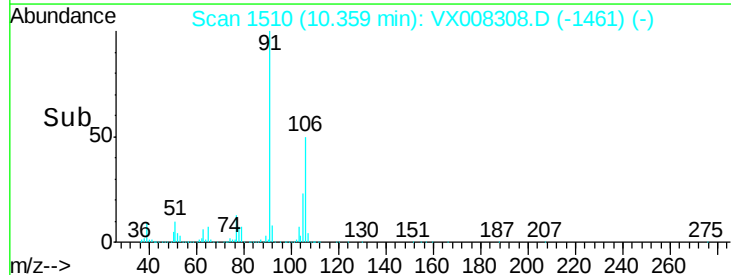
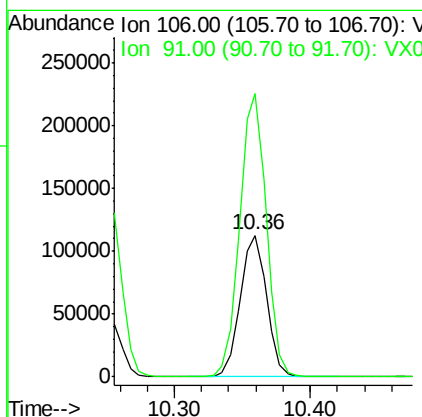
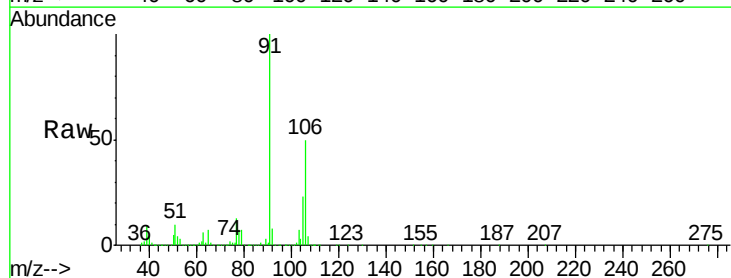
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

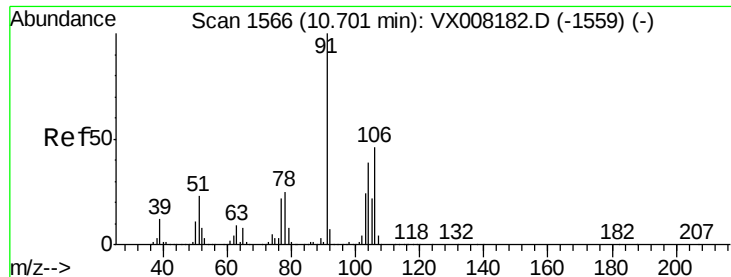
Tot Ion: 91 Resp: 198497
Ion Ratio Lower Upper
91 100
106 31.8 25.2 37.8



#68
m/p-Xylenes
Concen: 41.729 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

Tgt Ion: 106 Resp: 151909
Ion Ratio Lower Upper
106 100
91 201.4 159.8 239.6





#69

o-Xylene

Concen: 21.076 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

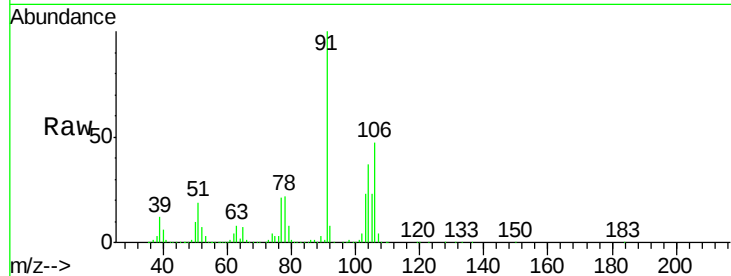
VX0321WBS02

Tot Ion:106 Resp: 74552

Ion Ratio Lower Upper

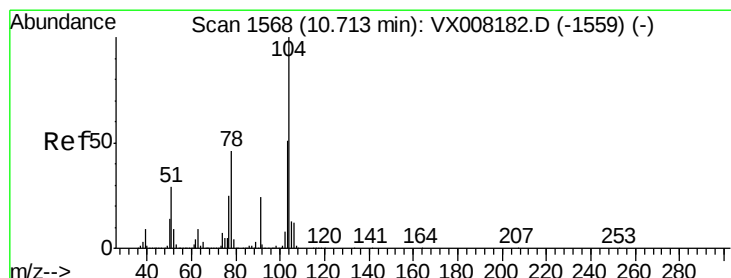
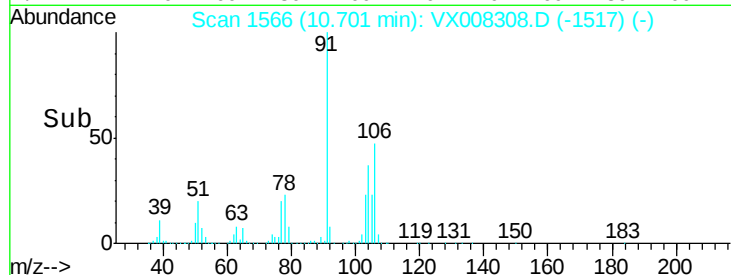
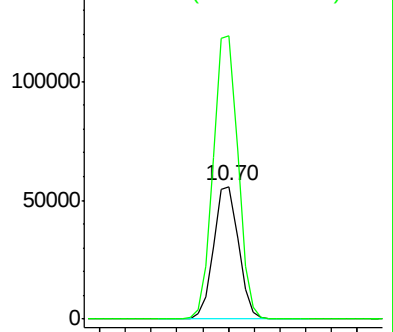
106 100

91 212.4 106.3 318.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 20.887 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

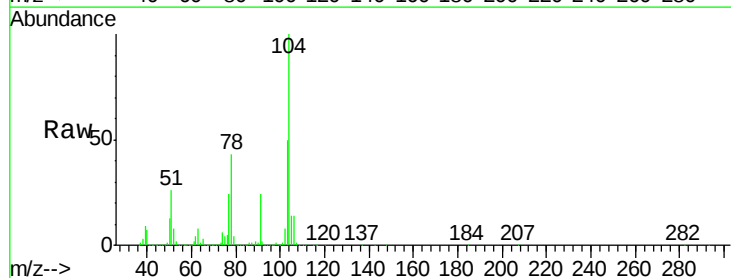
Tgt Ion:104 Resp: 120074

Ion Ratio Lower Upper

104 100

78 49.8 38.5 57.7

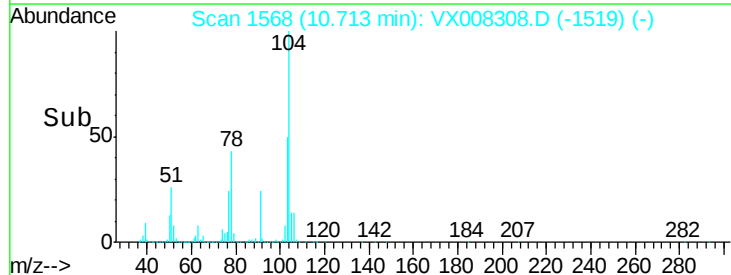
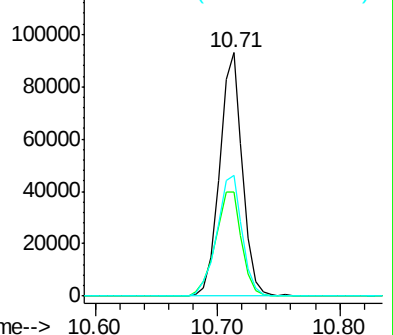
103 55.5 44.1 66.1

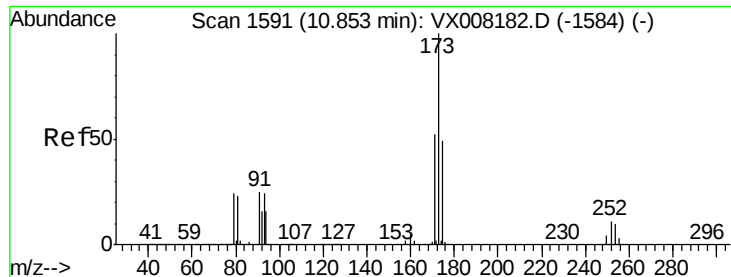


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 23.132 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

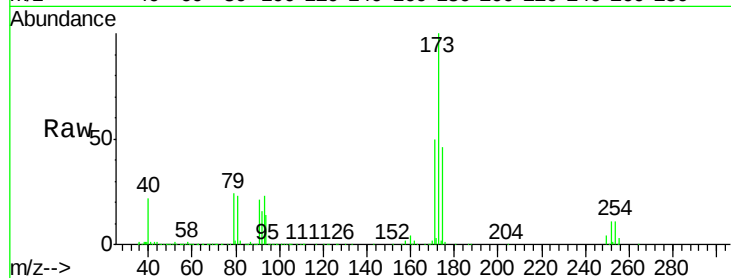
Tot Ion:173 Resp: 36988

Ion Ratio Lower Upper

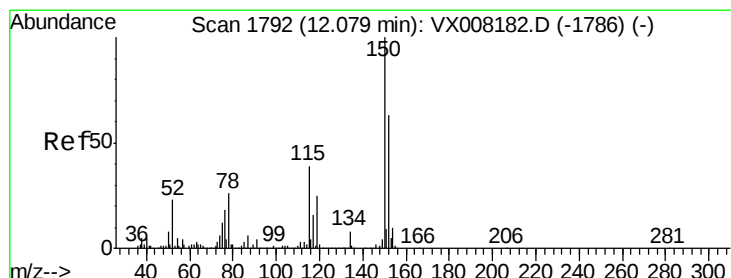
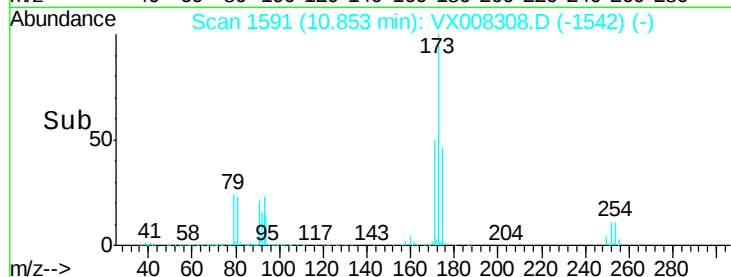
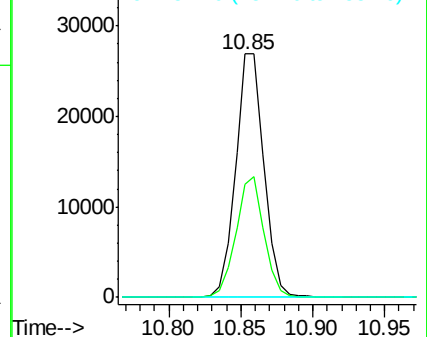
173 100

175 49.0 24.3 72.9

254 0.1 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: VX008308.D

Acq: 21 Mar 2019 23:16

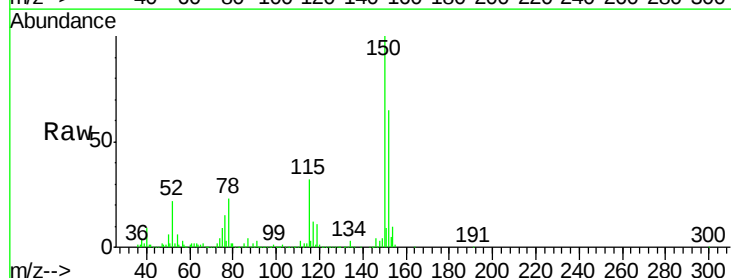
Tgt Ion:152 Resp: 117947

Ion Ratio Lower Upper

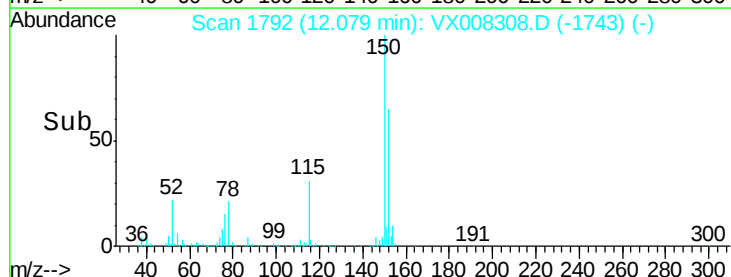
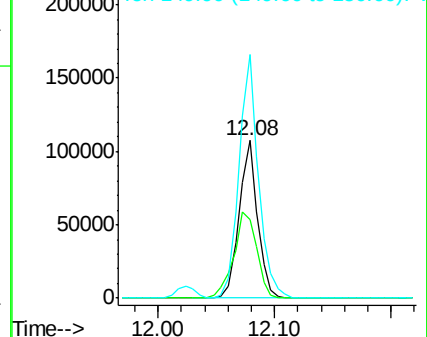
152 100

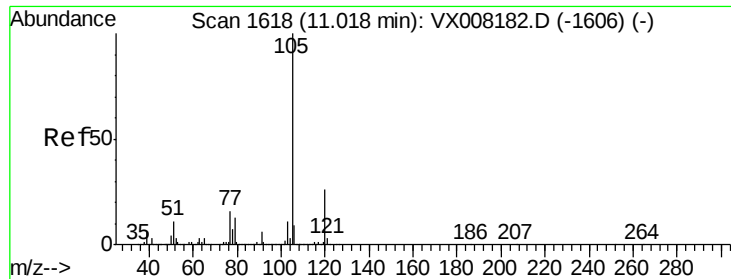
115 68.7 38.6 115.7

150 163.3 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: 18.630 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

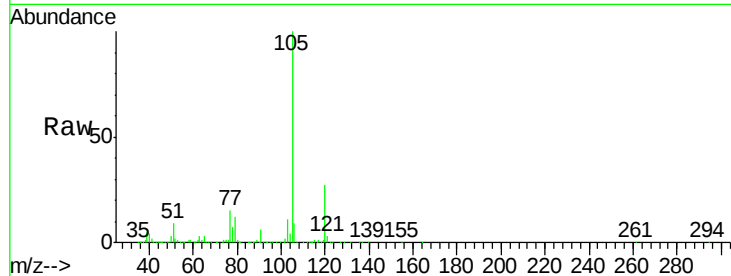
VX0321WBS02

Tot Ion:105 Resp: 195858

Ion Ratio Lower Upper

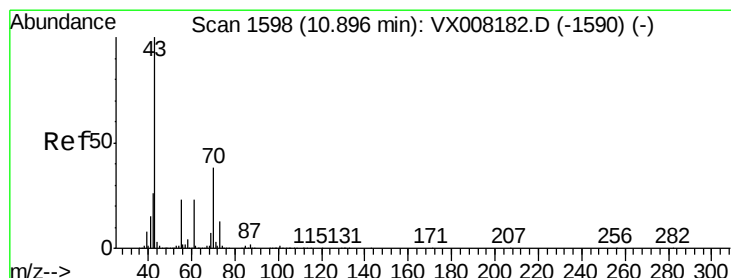
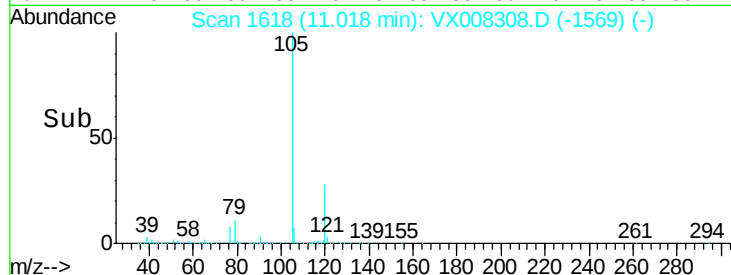
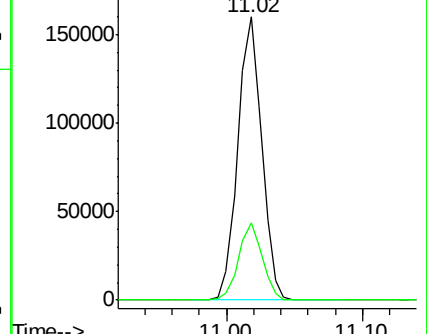
105 100

120 27.0 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: 15.343 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Tgt Ion: 43 Resp: 84512

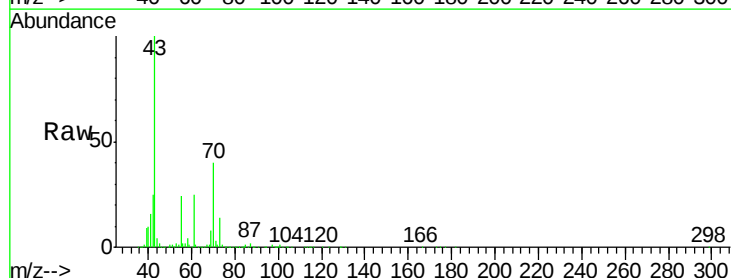
Ion Ratio Lower Upper

43 100

70 41.2 33.5 50.3

55 24.6 19.2 28.8

61 25.2 19.0 28.6

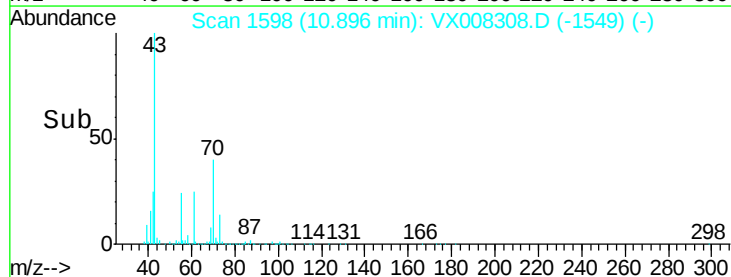
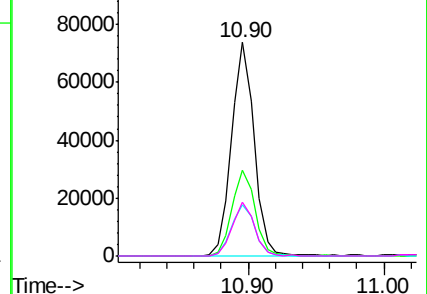


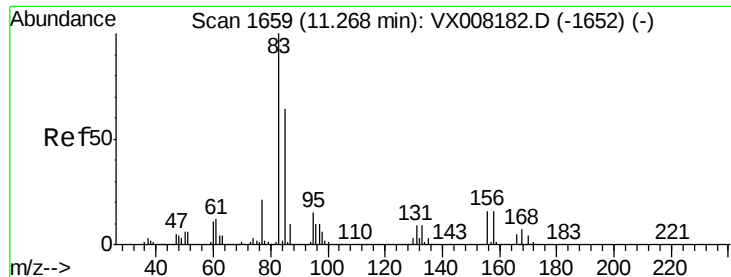
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.347 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

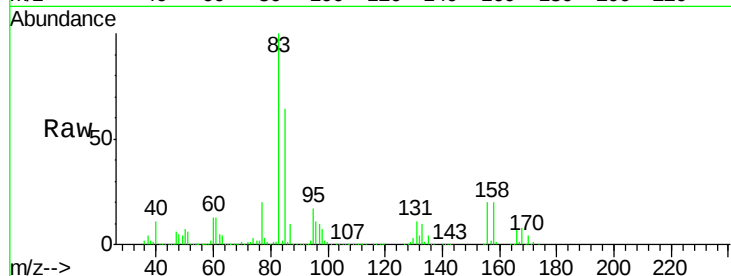
Tot Ion: 83 Resp: 69164

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

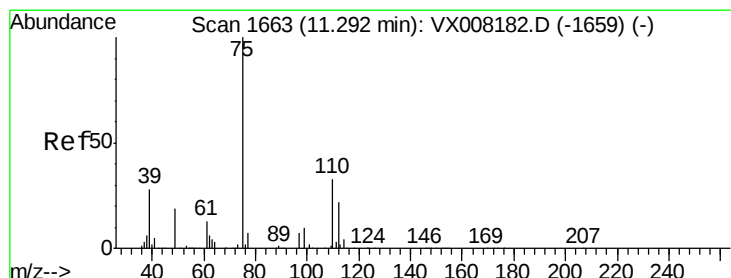
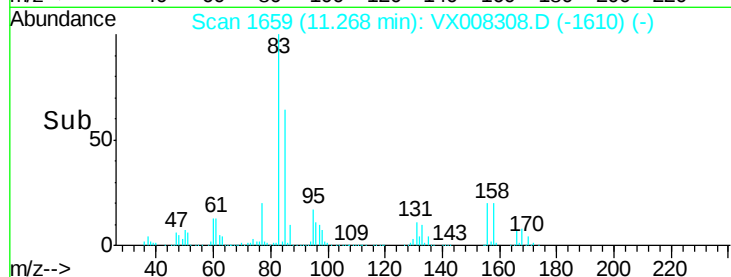
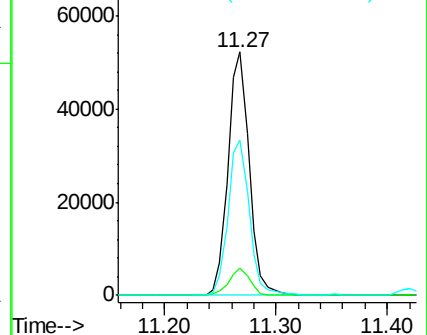
85 64.2 32.3 96.8



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: 23.094 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008308.D

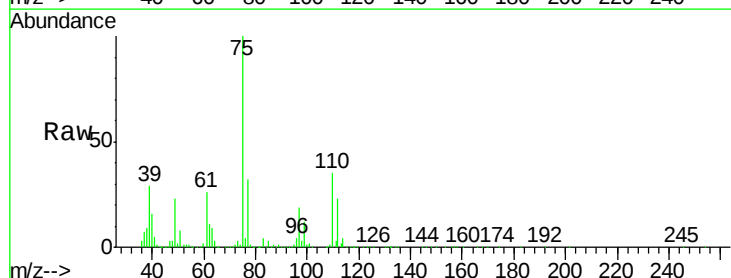
Acq: 21 Mar 2019 23:16

Tgt Ion: 75 Resp: 76611

Ion Ratio Lower Upper

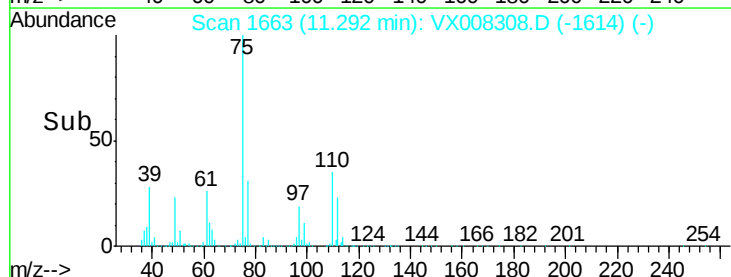
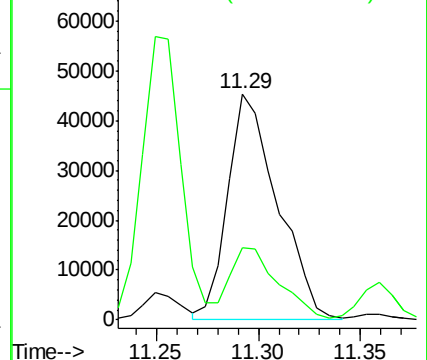
75 100

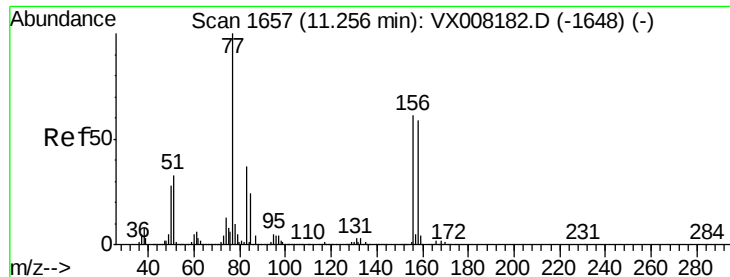
77 32.0 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.505 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

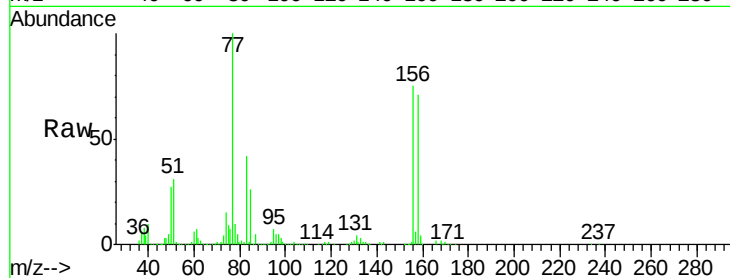
Tot Ion:156 Resp: 52123

Ion Ratio Lower Upper

156 100

77 144.6 72.0 215.9

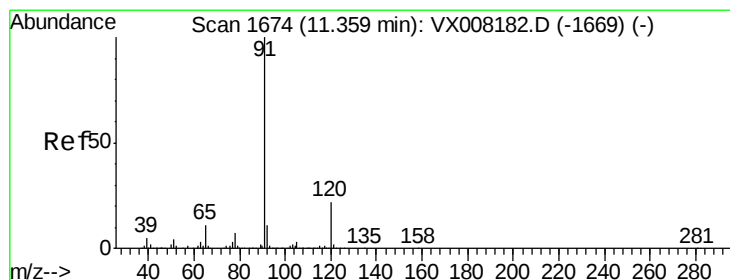
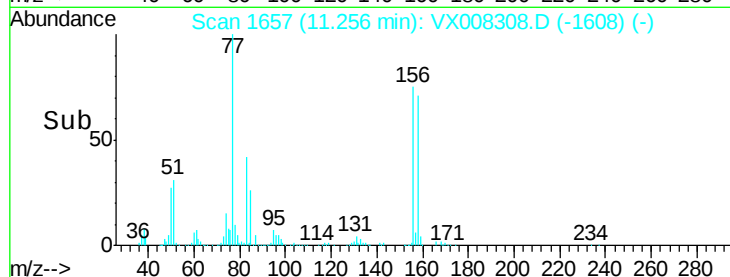
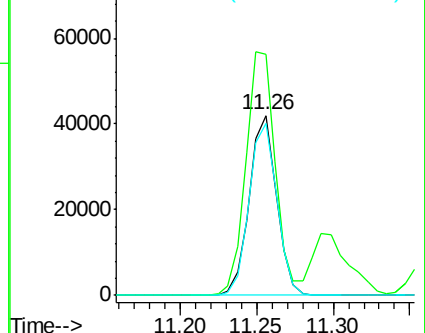
158 97.5 48.6 145.9



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: 17.973 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008308.D

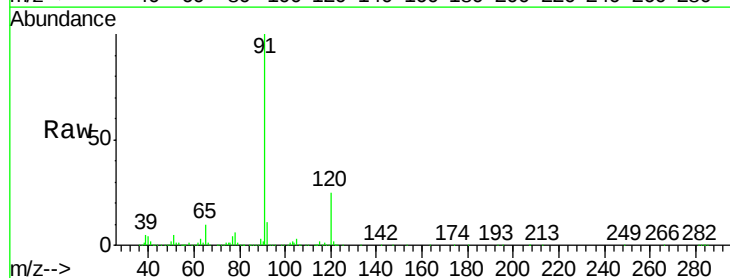
Acq: 21 Mar 2019 23:16

Tgt Ion: 91 Resp: 219467

Ion Ratio Lower Upper

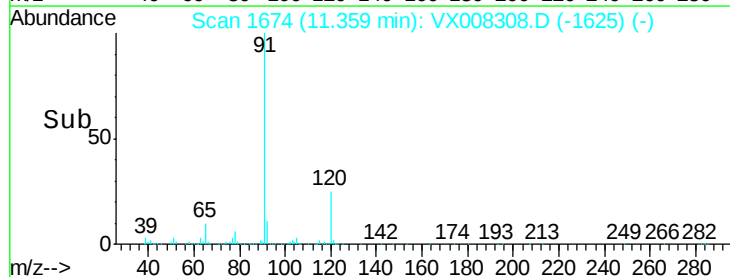
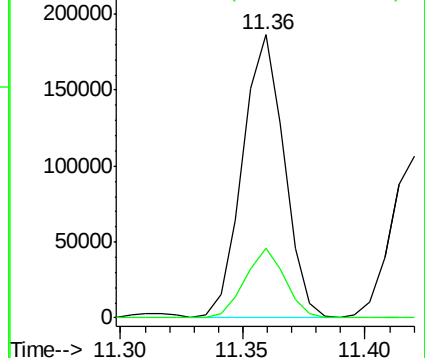
91 100

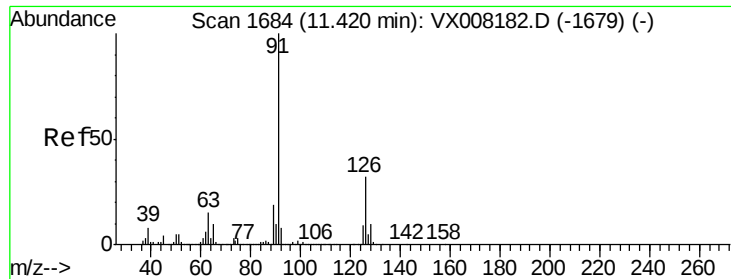
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.680 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

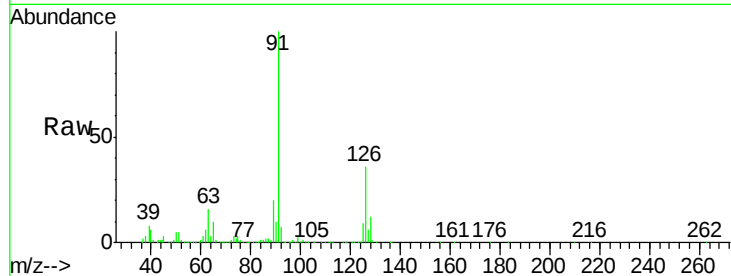
VX0321WBS02

Tot Ion: 91 Resp: 129575

Ion Ratio Lower Upper

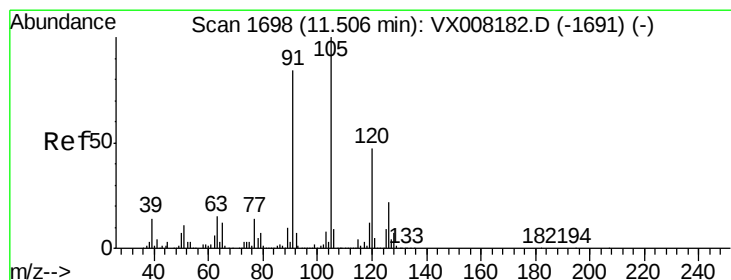
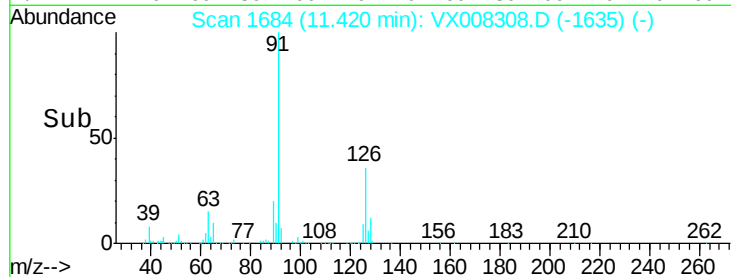
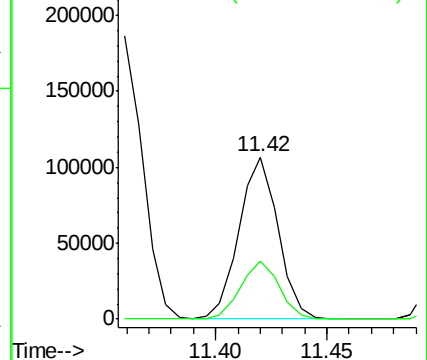
91 100

126 36.2 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: 18.532 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008308.D

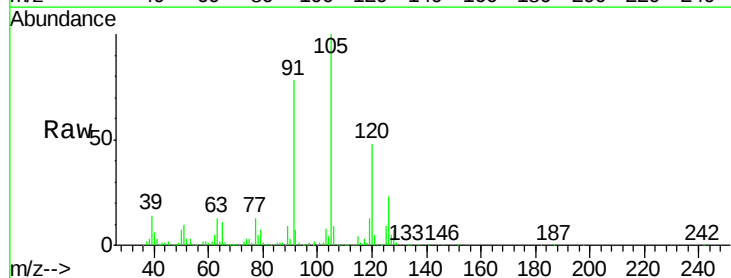
Acq: 21 Mar 2019 23:16

Tgt Ion: 105 Resp: 160959

Ion Ratio Lower Upper

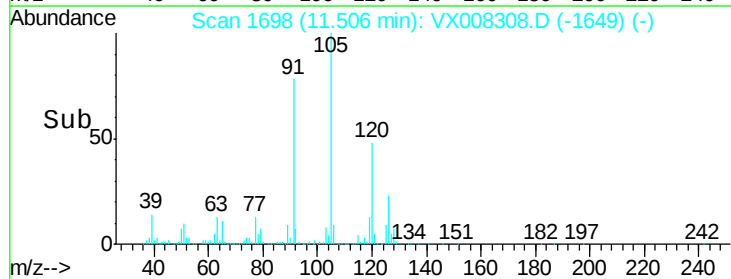
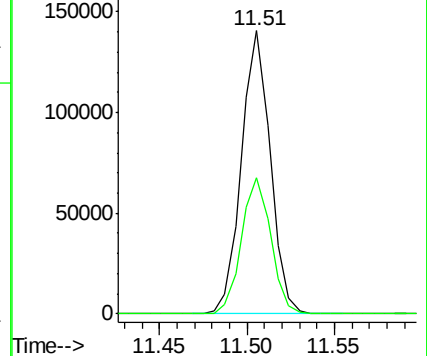
105 100

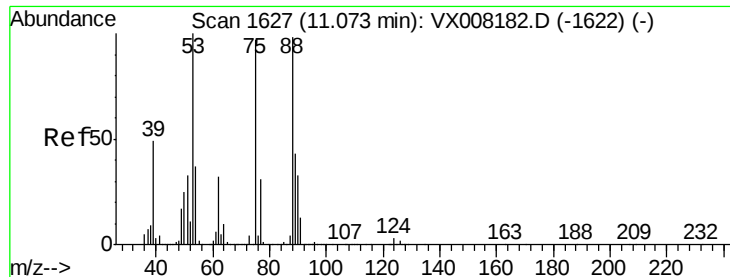
120 49.1 24.9 74.6



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: 14.167 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

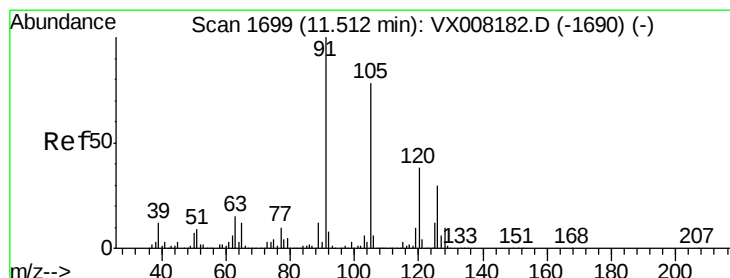
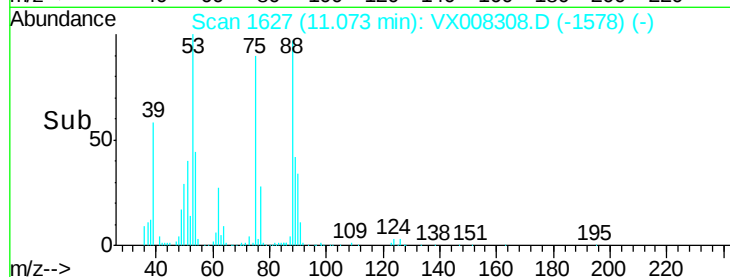
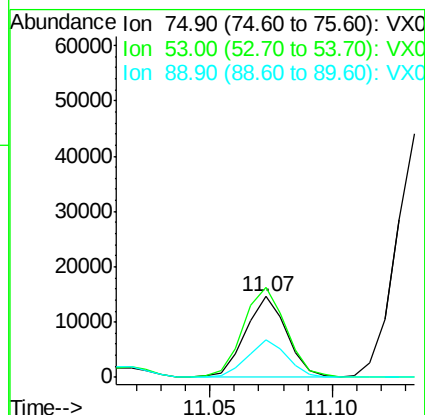
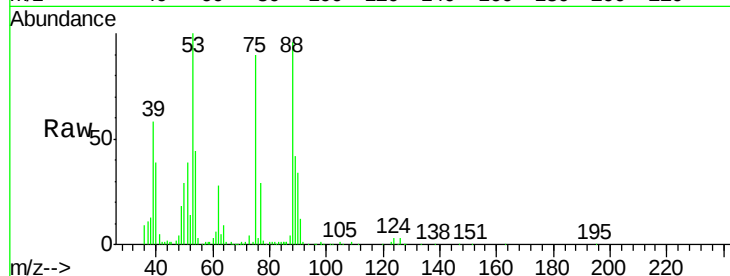
Tot Ion: 75 Resp: 17055

Ion Ratio Lower Upper

75 100

53 114.8 76.1 114.1#

89 45.2 36.3 54.5



#82

4-Chlorotoluene

Concen: 17.612 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008308.D

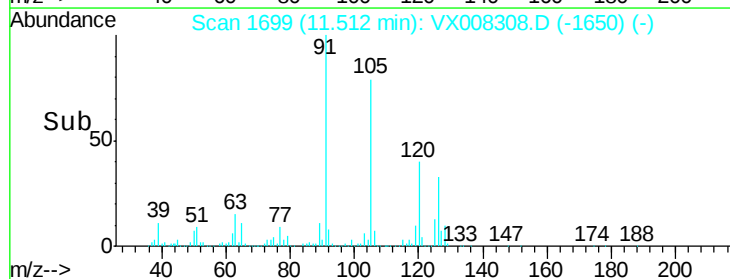
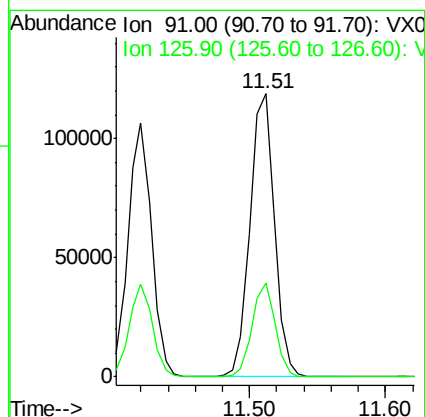
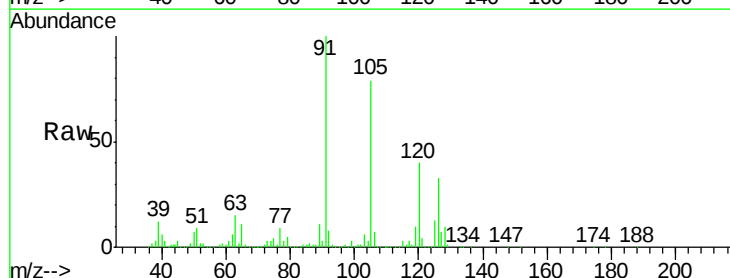
Acq: 21 Mar 2019 23:16

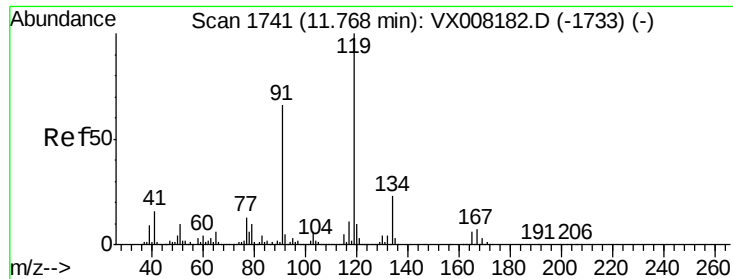
Tgt Ion: 91 Resp: 150201

Ion Ratio Lower Upper

91 100

126 31.3 15.6 46.8

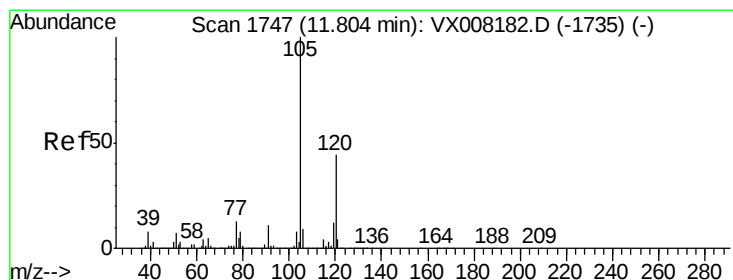
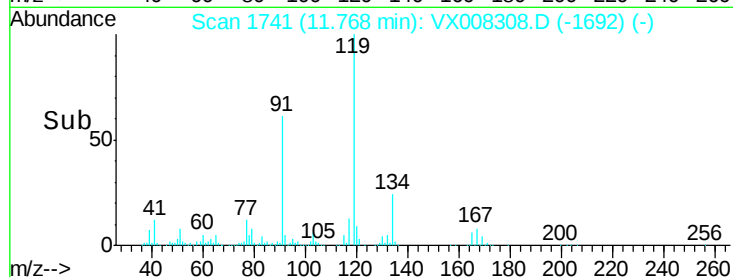
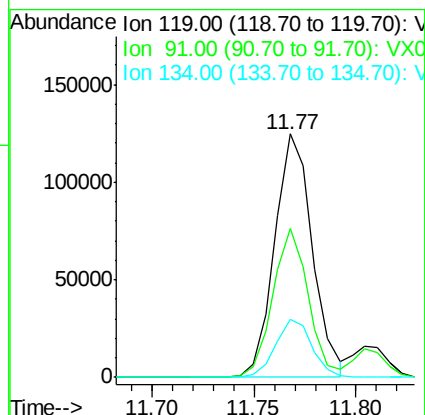
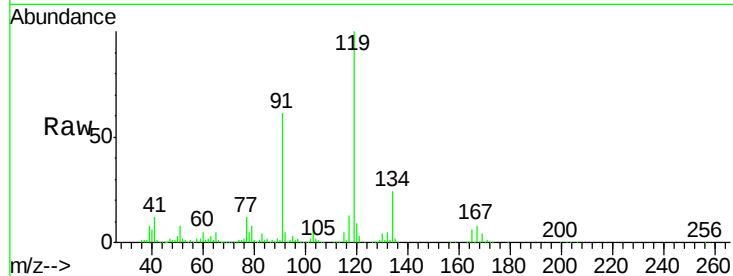




#83
 tert-Butylbenzene
 Concen: 19.371 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008308.D
 Acq: 21 Mar 2019 23:16

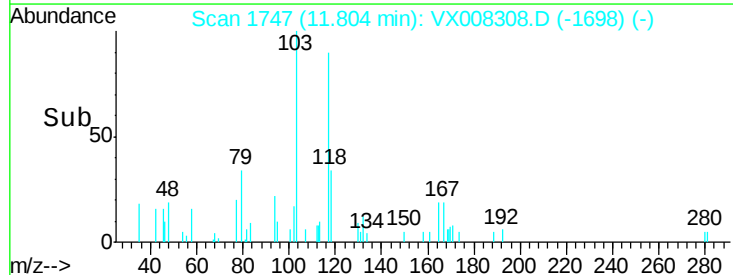
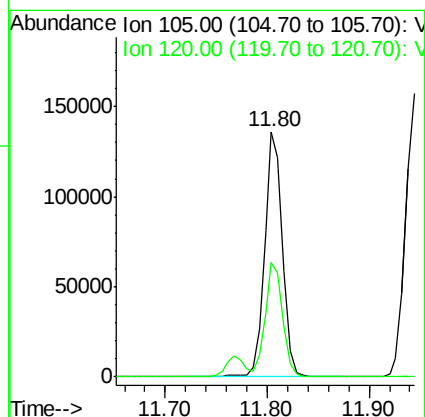
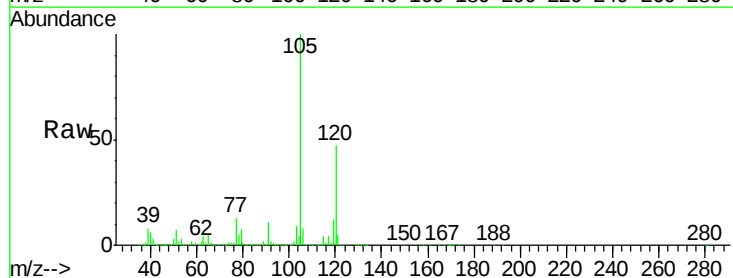
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

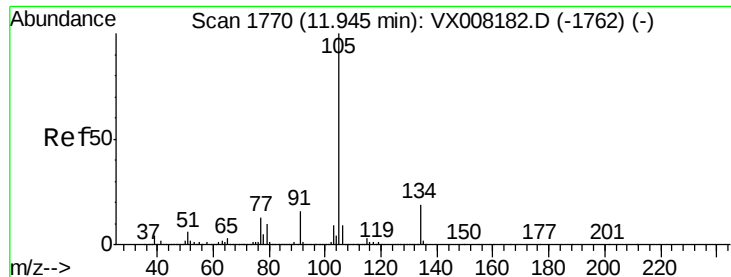
Tot Ion:119 Resp: 160633
 Ion Ratio Lower Upper
 119 100
 91 57.7 27.1 81.3
 134 23.2 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.789 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008308.D
 Acq: 21 Mar 2019 23:16

Tgt Ion:105 Resp: 165446
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 18.463 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

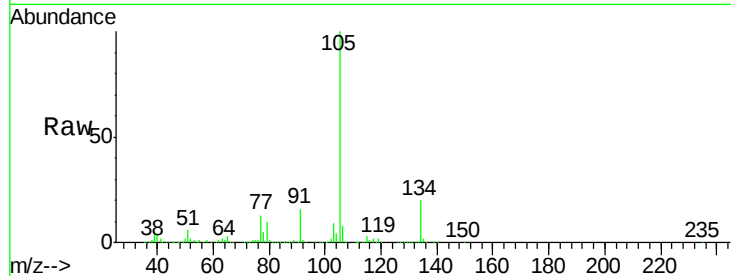
VX0321WBS02

Tot Ion:105 Resp: 189601

Ion Ratio Lower Upper

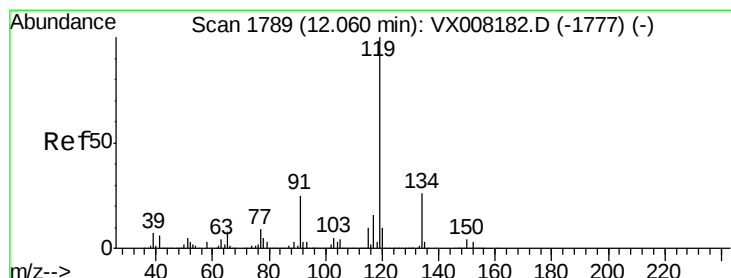
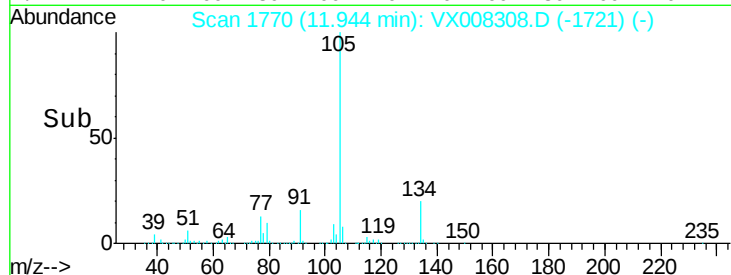
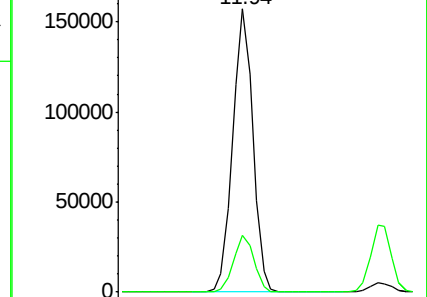
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.423 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

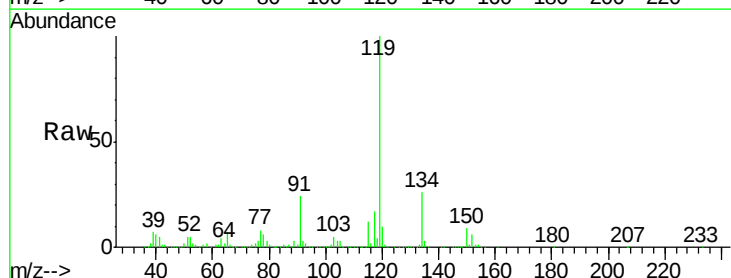
Tgt Ion:119 Resp: 172650

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

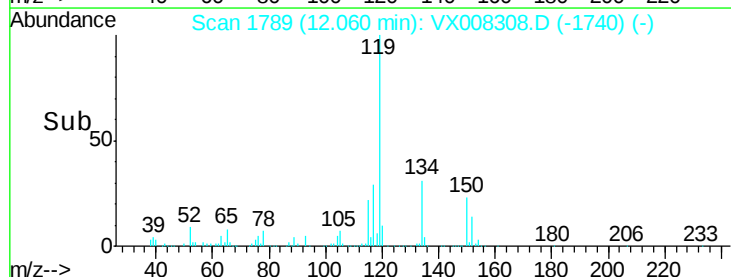
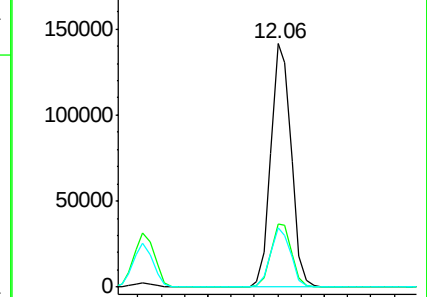
91 24.3 10.9 32.7

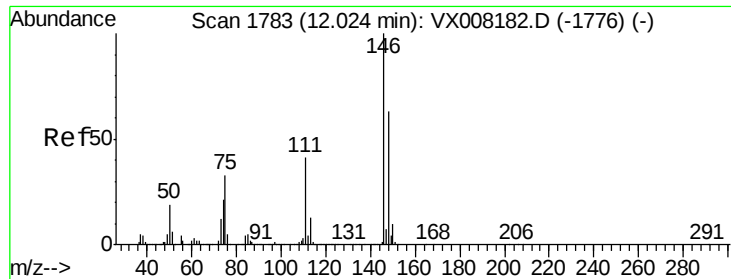


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.669 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

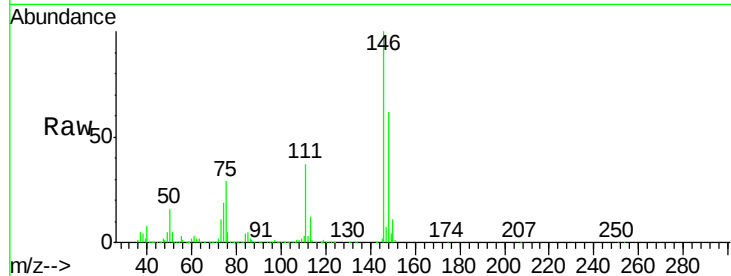
Tot Ion:146 Resp: 89353

Ion Ratio Lower Upper

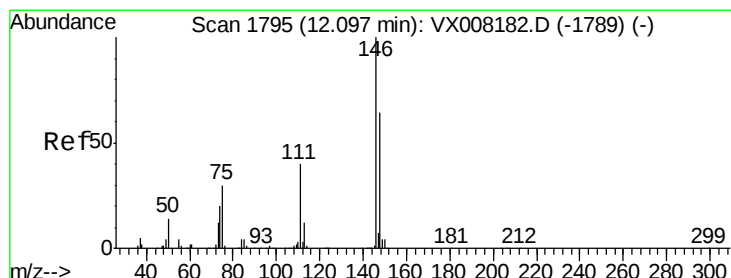
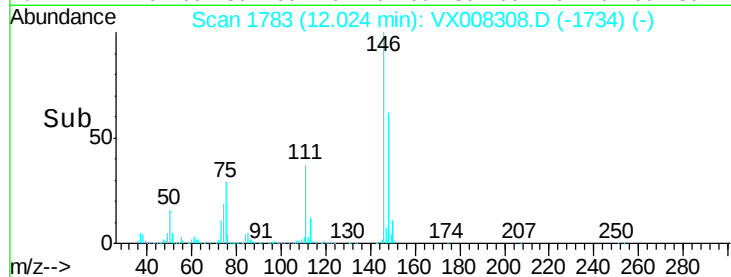
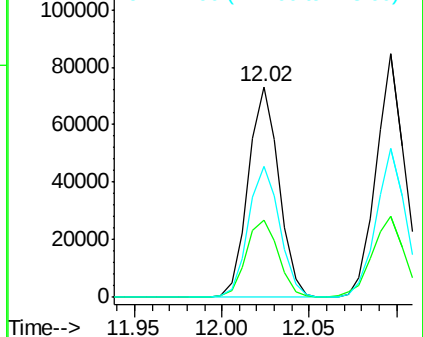
146 100

111 38.6 18.9 56.7

148 63.4 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: 20.265 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

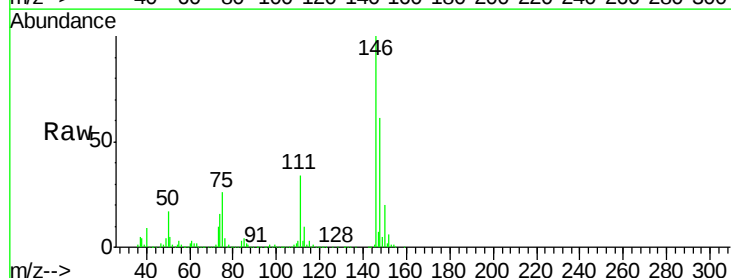
Tgt Ion:146 Resp: 95222

Ion Ratio Lower Upper

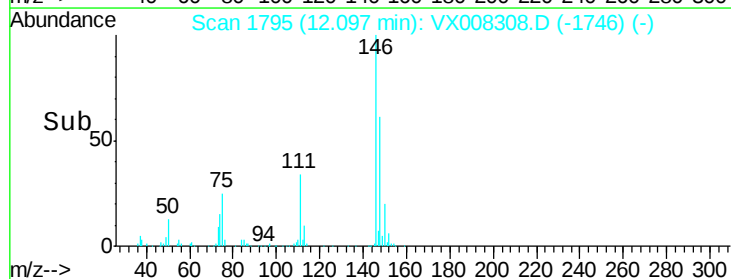
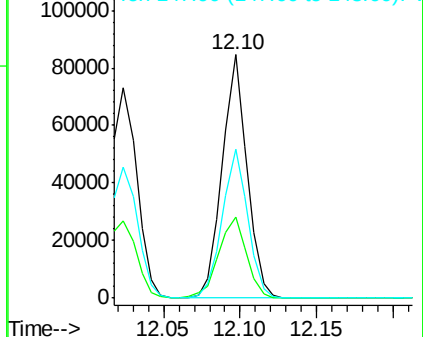
146 100

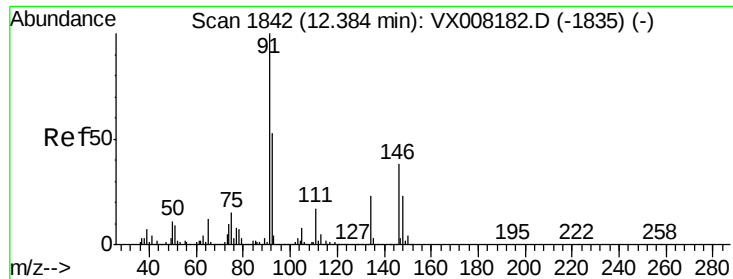
111 37.5 18.4 55.0

148 63.3 32.2 96.6



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

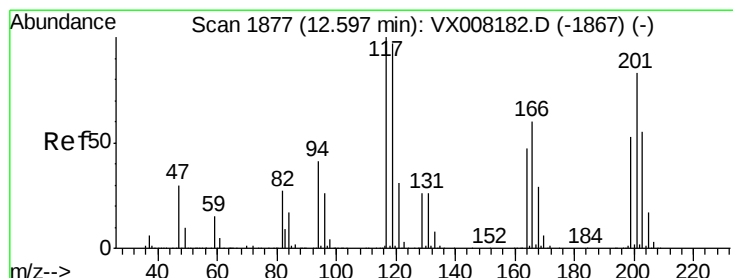
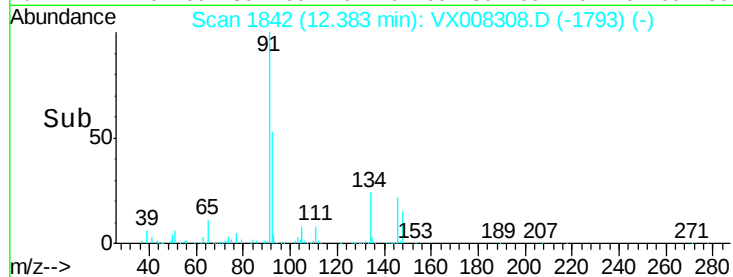
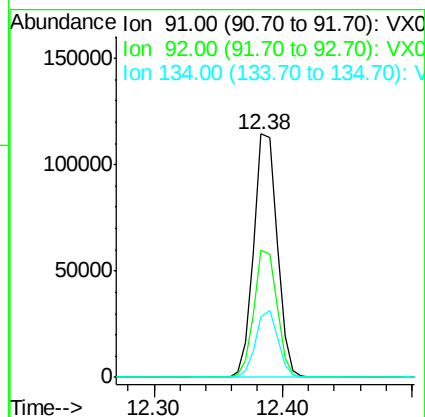
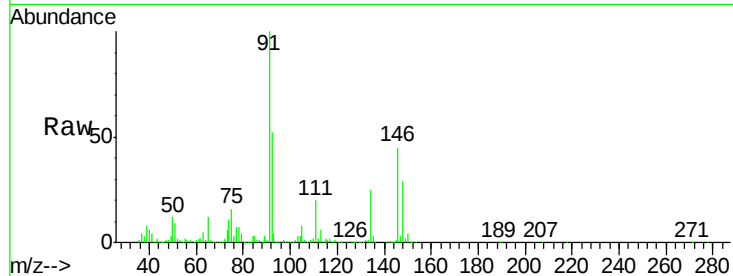




#89
n-Butylbenzene
Concen: 17.148 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

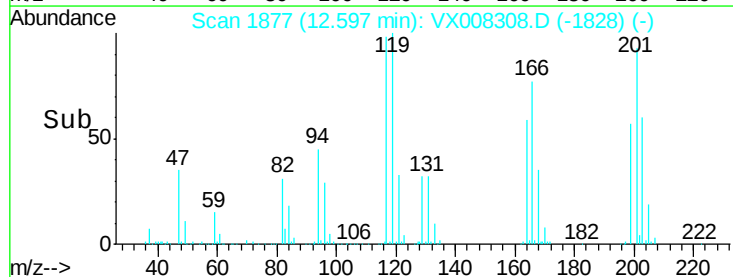
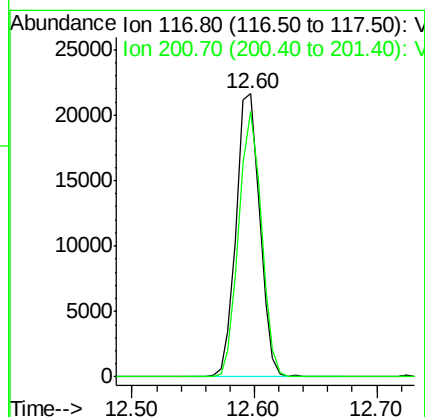
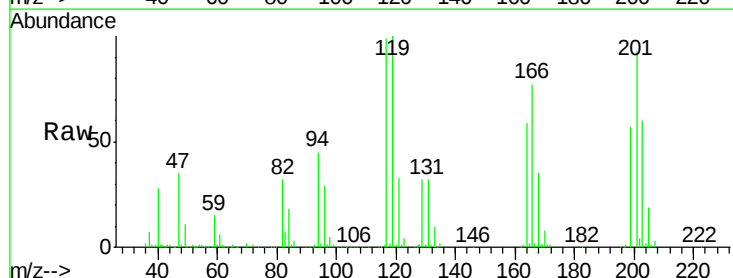
Instrument :
MSVOA_X
ClientSampled :
VX0321WBS02

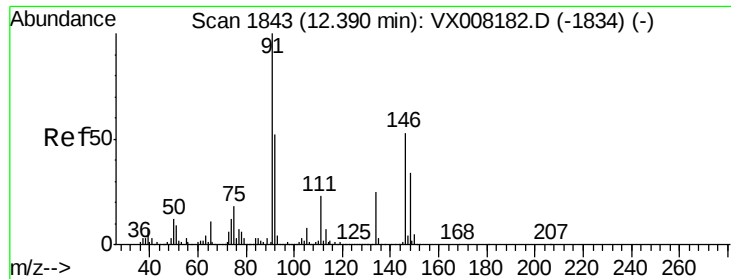
Tot Ion: 91 Resp: 143065
Ion Ratio Lower Upper
91 100
92 51.6 27.0 80.8
134 26.2 13.7 41.0



#90
Hexachloroethane
Concen: 19.056 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008308.D
Acq: 21 Mar 2019 23:16

Tgt Ion: 117 Resp: 28848
Ion Ratio Lower Upper
117 100
201 89.9 48.9 146.7

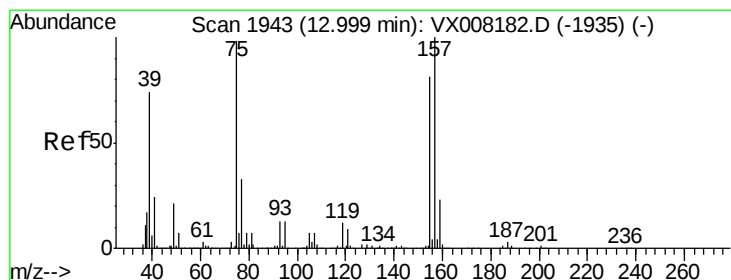
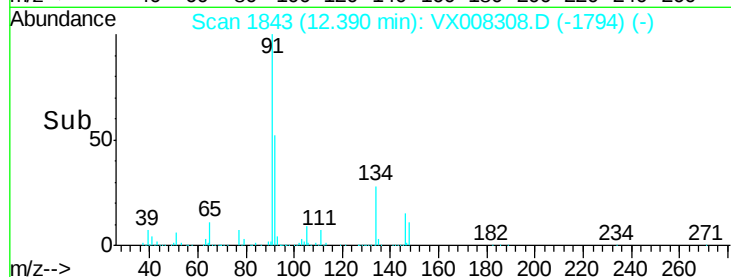
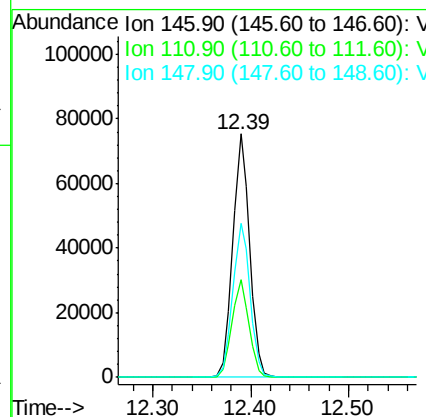
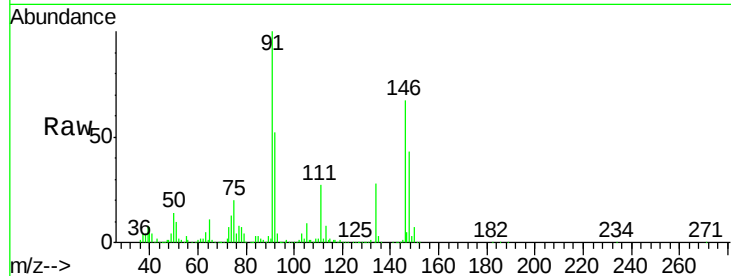




#91
 1,2-Dichlorobenzene
 Concen: 19.738 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008308.D
 Acq: 21 Mar 2019 23:16

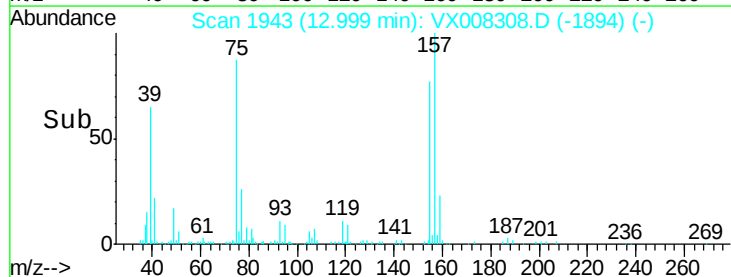
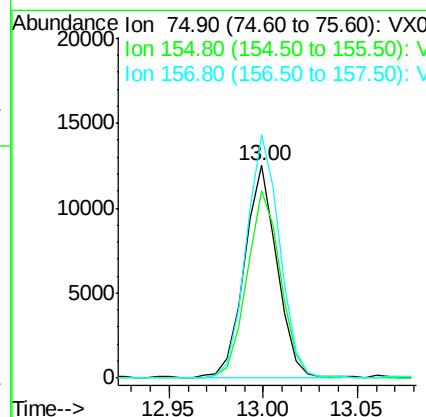
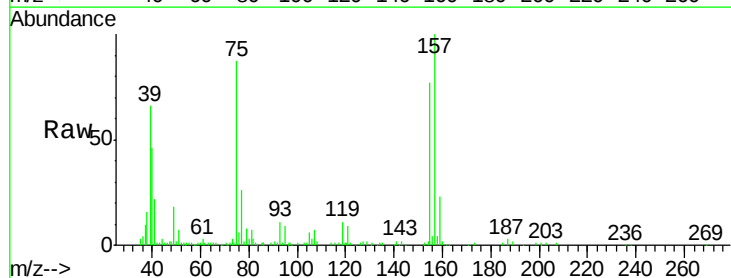
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

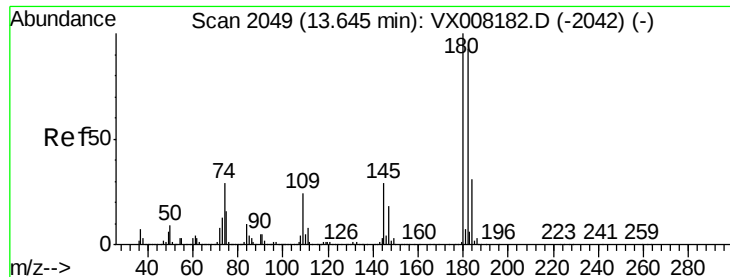
Tot Ion:146 Resp: 90409
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.8
 148 64.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.077 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008308.D
 Acq: 21 Mar 2019 23:16

Tgt Ion: 75 Resp: 15136
 Ion Ratio Lower Upper
 75 100
 155 90.0 49.7 149.1
 157 116.2 63.8 191.4

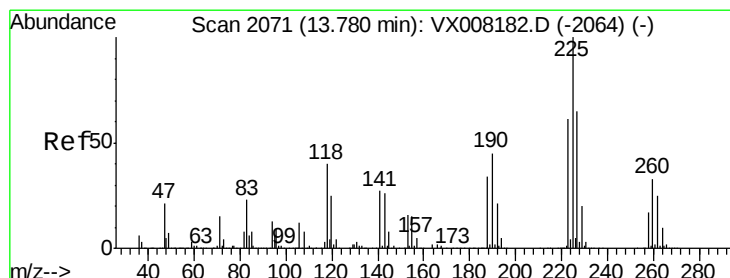
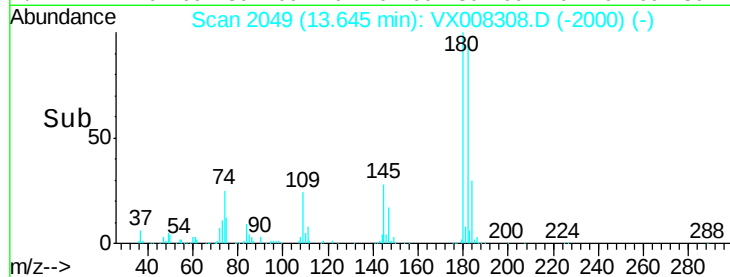
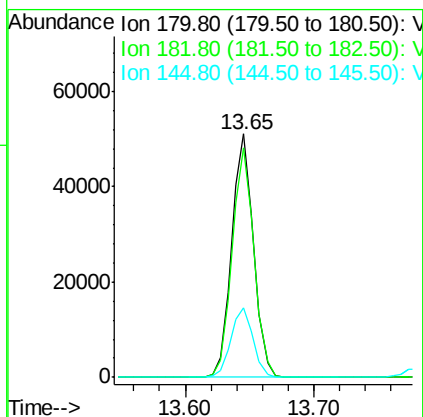
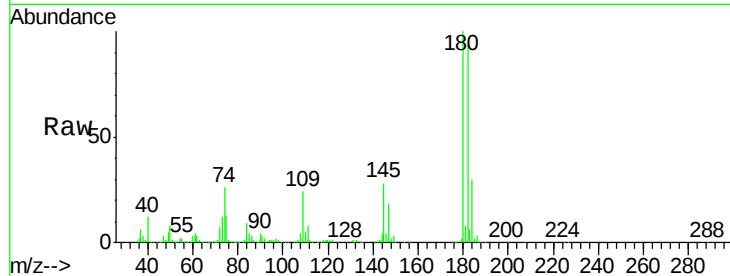




#93
 1,2,4-Trichlorobenzene
 Concen: 20.104 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008308.D
 Acq: 21 Mar 2019 23:16

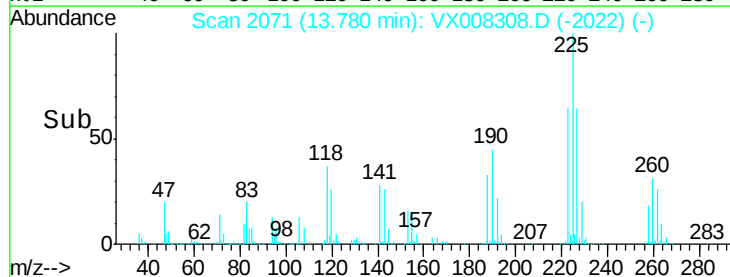
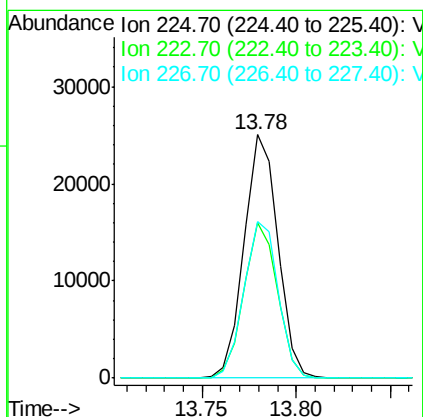
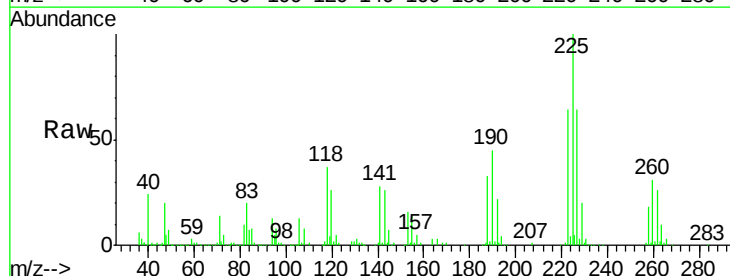
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

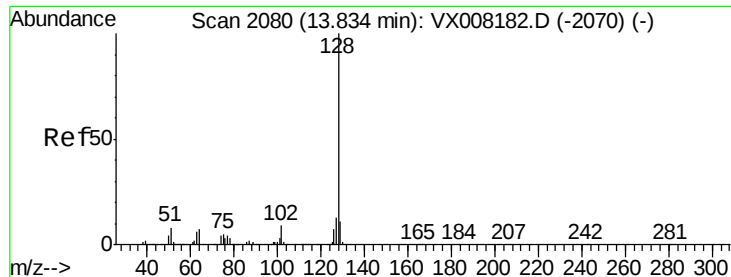
Tot Ion:180 Resp: 60654
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.9 143.7
 145 29.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 21.172 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008308.D
 Acq: 21 Mar 2019 23:16

Tgt Ion:225 Resp: 31154
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.1 93.2
 227 65.2 32.0 96.0





#95

Naphthalene

Concen: 20.022 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

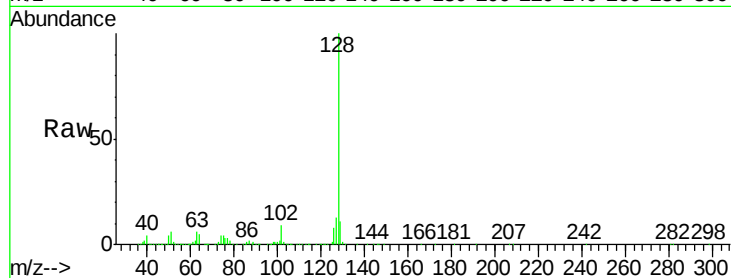
Tot Ion:128 Resp: 190660

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

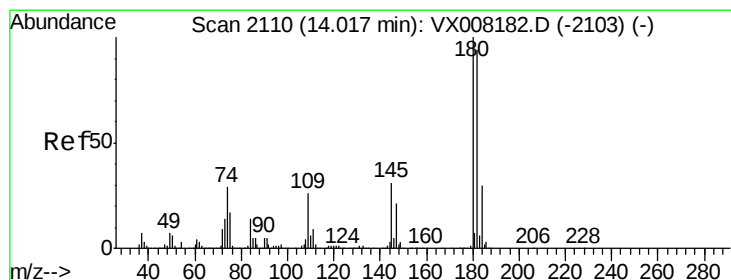
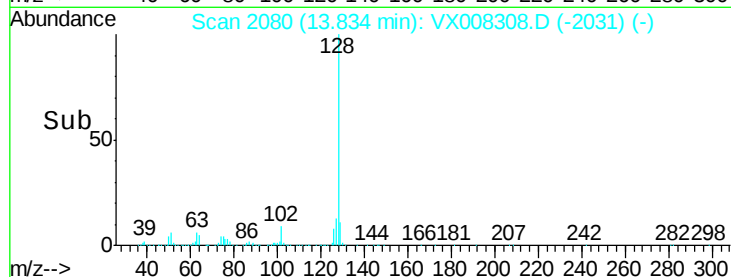
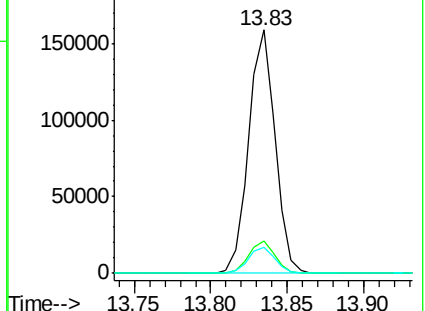
129 10.8 8.7 13.1



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: 20.526 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008308.D

Acq: 21 Mar 2019 23:16

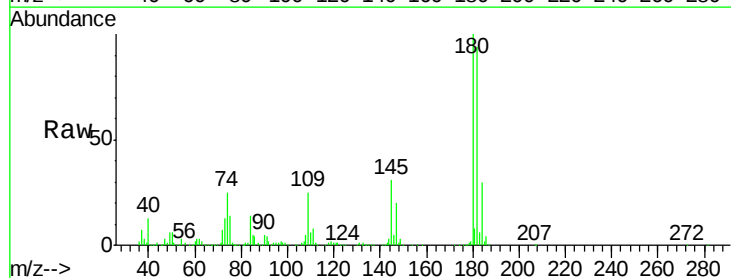
Tgt Ion:180 Resp: 60937

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.5

145 31.7 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

