

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040319\
 Data File : VX008621.D
 Acq On : 03 Apr 2019 18:30
 Operator : JC/SP
 Sample : VX0403WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Quant Time: Apr 04 04:56:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124749	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	138839	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	5.50	113	101270	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	8.71	98	408379	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	11.13	95	145878	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39450	18.736	ug/l	100
3) Chloromethane	1.32	50	54601	20.151	ug/l	98
4) Vinyl Chloride	1.40	62	52034	18.281	ug/l	98
5) Bromomethane	1.64	94	25953	19.697	ug/l	99
6) Chloroethane	1.71	64	36029	21.449	ug/l	98
7) Trichlorofluoromethane	1.93	101	58057	18.452	ug/l	98
8) Diethyl Ether	2.19	74	28258	18.939	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38120	18.818	ug/l	100
10) Methyl Iodide	2.51	142	29501	18.713	ug/l	100
11) Tert butyl alcohol	3.05	59	64144	102.695	ug/l	99
12) 1,1-Dichloroethene	2.37	96	38905	18.397	ug/l	98
13) Acrolein	2.29	56	27242	87.959	ug/l	100
14) Allyl chloride	2.73	41	89332	18.453	ug/l	99
15) Acrylonitrile	3.14	53	160301	96.877	ug/l	100
16) Acetone	2.45	43	147194	95.787	ug/l	100
17) Carbon Disulfide	2.57	76	114433	18.270	ug/l	100
18) Methyl Acetate	2.78	43	69451	18.635	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	143926	19.058	ug/l	98
20) Methylene Chloride	2.85	84	47723	18.553	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	41933	18.332	ug/l	93
22) Diisopropyl ether	3.85	45	177831	19.059	ug/l	90
23) Vinyl Acetate	3.81	43	788520	97.143	ug/l	98
24) 1,1-Dichloroethane	3.70	63	86415	18.706	ug/l	100
25) 2-Butanone	4.67	43	239003	98.405	ug/l	100
26) 2,2-Dichloropropane	4.58	77	59050	18.148	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	48202	18.329	ug/l	99
28) Bromochloromethane	5.01	49	44124	21.117	ug/l	100
29) Tetrahydrofuran	5.13	42	156707	97.211	ug/l	100
30) Chloroform	5.21	83	77739	18.840	ug/l	99
31) Cyclohexane	5.58	56	84248	18.276	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	62341	18.696	ug/l	99
36) 1,1-Dichloropropene	5.80	75	59443	17.457	ug/l	100
37) Ethyl Acetate	4.84	43	87506	19.253	ug/l	99
38) Carbon Tetrachloride	5.78	117	51314	18.208	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74591	17.733	ug/l	99
40) Benzene	6.14	78	187543	18.488	ug/l	99
41) Methacrylonitrile	5.04	41	48903	18.718	ug/l	100
42) 1,2-Dichloroethane	6.19	62	67484	18.556	ug/l	100
43) Isopropyl Acetate	6.45	43	134269	18.858	ug/l	100
44) Trichloroethene	7.21	130	42484	17.981	ug/l	94
45) 1,2-Dichloropropane	7.51	63	52735	18.213	ug/l	98
46) Dibromomethane	7.66	93	30159	17.959	ug/l	99
47) Bromodichloromethane	7.90	83	57793	18.253	ug/l	99
48) Methyl methacrylate	7.77	41	67572	18.762	ug/l	99
49) 1,4-Dioxane	7.74	88	26964	399.654	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	451933	98.603	ug/l	99
52) Toluene	8.79	92	111284	18.608	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	64398	18.157	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	73812	18.213	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	45323	18.880	ug/l	99
56) Ethyl methacrylate	9.18	69	82674	19.034	ug/l	100
57) 1,3-Dichloropropane	9.37	76	81434	18.891	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	232615	104.882	ug/l	100
59) 2-Hexanone	9.49	43	352474	98.956	ug/l	100
60) Dibromochloromethane	9.58	129	41835	18.493	ug/l	99
61) 1,2-Dibromoethane	9.67	107	46610	18.650	ug/l	99
64) Tetrachloroethene	9.34	164	36579	17.945	ug/l	95
65) Chlorobenzene	10.14	112	111534	18.288	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38919	18.190	ug/l	98
67) Ethyl Benzene	10.25	91	211071	18.560	ug/l	100
68) m/p-Xylenes	10.36	106	152253	37.235	ug/l	100
69) o-Xylene	10.70	106	74033	18.683	ug/l	99
70) Styrene	10.71	104	128215	18.771	ug/l	99
71) Bromoform	10.85	173	29896	18.295	ug/l #	100
73) Isopropylbenzene	11.02	105	199593	19.306	ug/l	100
74) N-amyl acetate	10.90	43	118745	19.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	76586	19.478	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	86095	25.123	ug/l	81
77) Bromobenzene	11.26	156	47363	19.057	ug/l	99
78) n-propylbenzene	11.36	91	227928	18.935	ug/l	100
79) 2-Chlorotoluene	11.42	91	136277	18.707	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164457	18.951	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23042	18.534	ug/l	93
82) 4-Chlorotoluene	11.51	91	157807	18.715	ug/l	100
83) tert-Butylbenzene	11.77	119	156773	18.777	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	166112	18.904	ug/l	100
85) sec-Butylbenzene	11.94	105	188270	18.984	ug/l	100
86) p-Isopropyltoluene	12.06	119	168145	18.890	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	80793	18.159	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	81331	18.052	ug/l	99
89) n-Butylbenzene	12.38	91	154850	18.550	ug/l	99
90) Hexachloroethane	12.59	117	27380	18.546	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	81946	18.550	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16612	19.206	ug/l	98

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

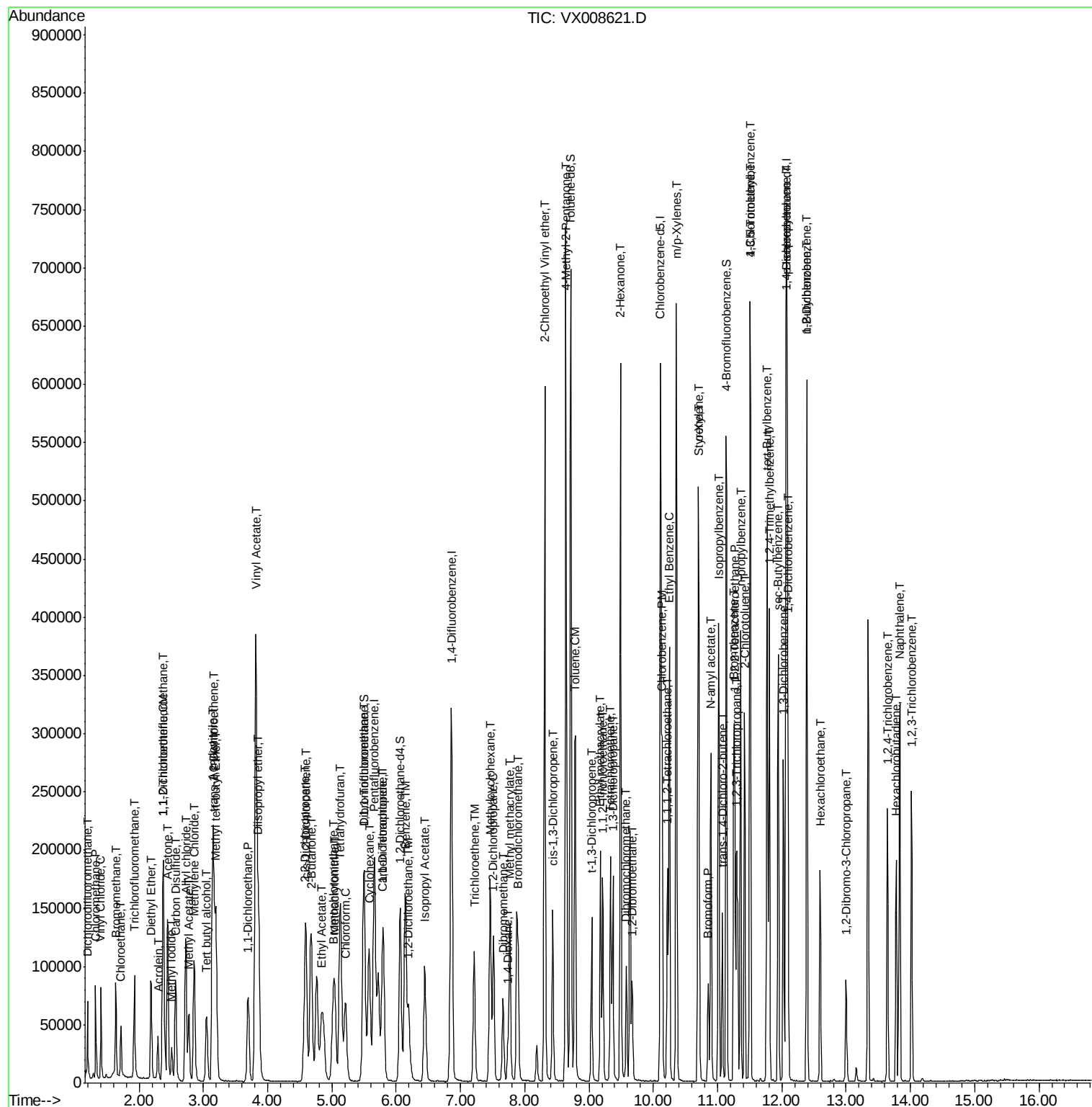
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55193	17.969	ug/l	99
94) Hexachlorobutadiene	13.78	225	27945	18.971	ug/l	99
95) Naphthalene	13.83	128	195823	19.075	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	56744	18.490	ug/l	99

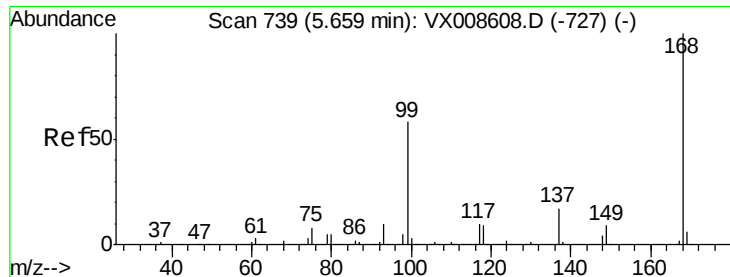
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX008621.D
Acq On : 03 Apr 2019 18:30
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Instrument :
MSVOA_X
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Quant Time: Apr 04 04:56:18 2019
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

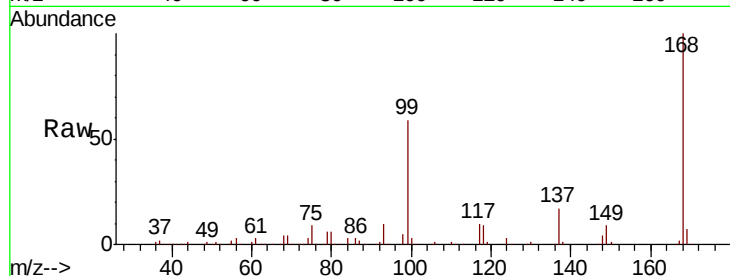
VX0403WBSD01

Tot Ion:168 Resp: 182919

Ion Ratio Lower Upper

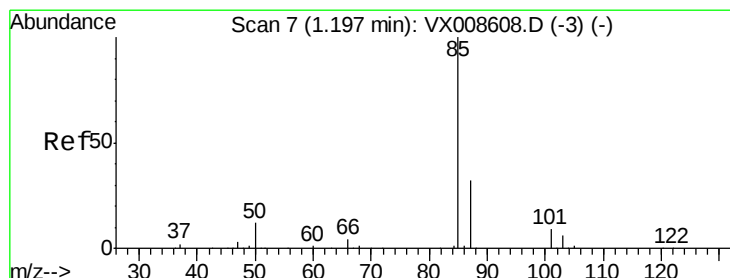
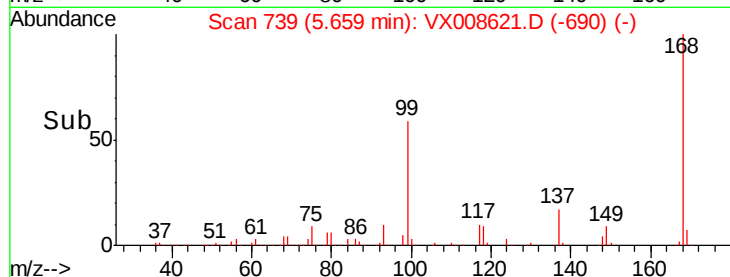
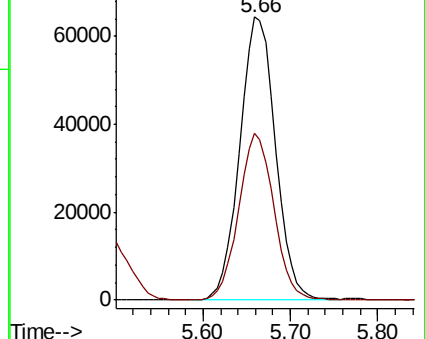
168 100

99 58.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.736 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008621.D

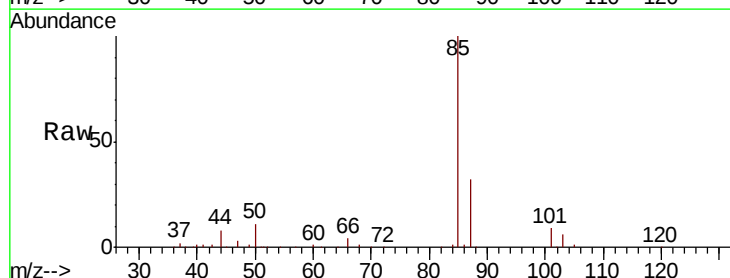
Acq: 03 Apr 2019 18:30

Tgt Ion: 85 Resp: 39450

Ion Ratio Lower Upper

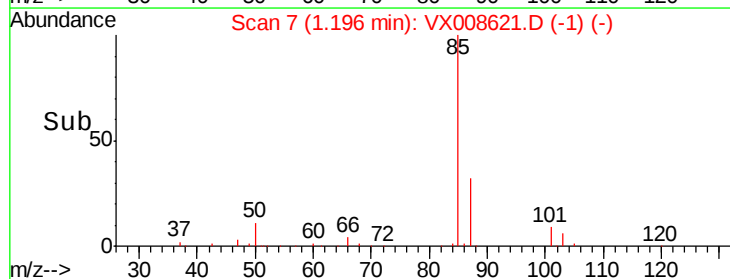
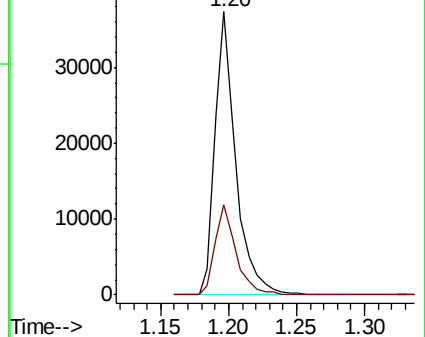
85 100

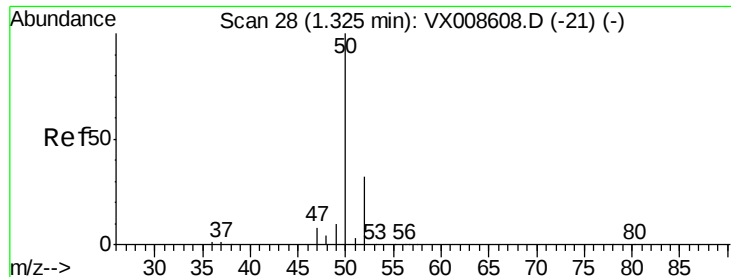
87 31.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.151 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

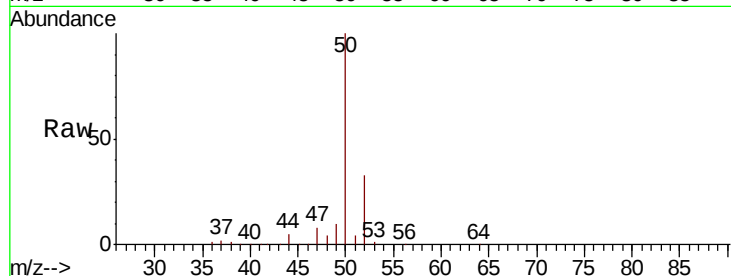
VX0403WBSD01

Tot Ion: 50 Resp: 54601

Ion Ratio Lower Upper

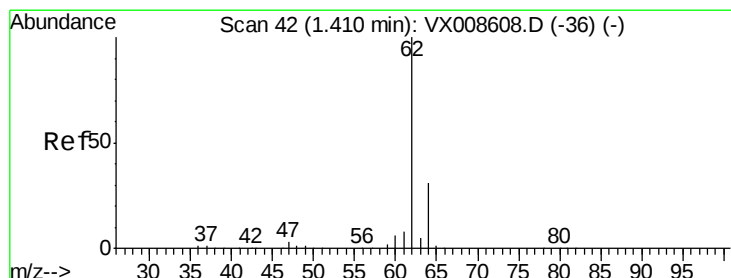
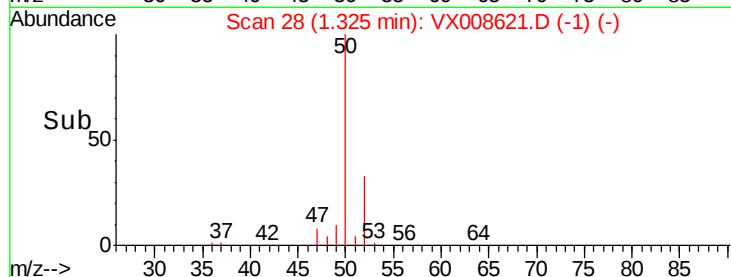
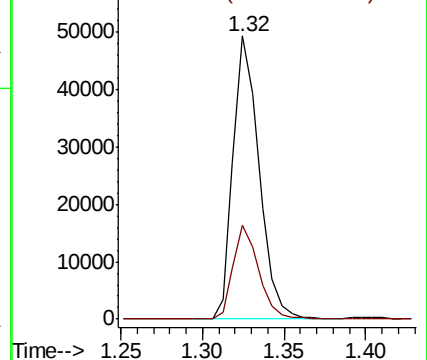
50 100

52 33.1 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.281 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008621.D

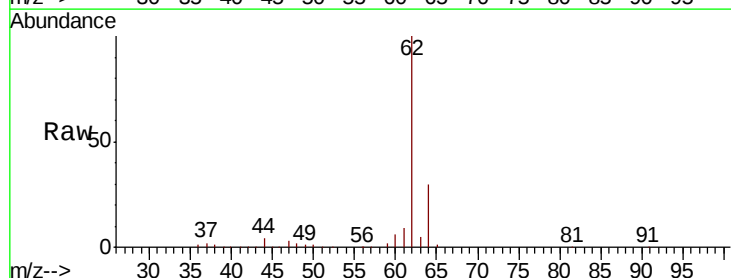
Acq: 03 Apr 2019 18:30

Tgt Ion: 62 Resp: 52034

Ion Ratio Lower Upper

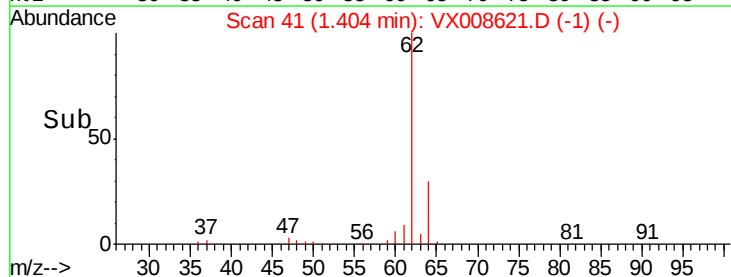
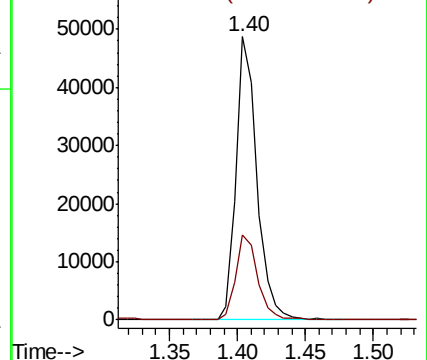
62 100

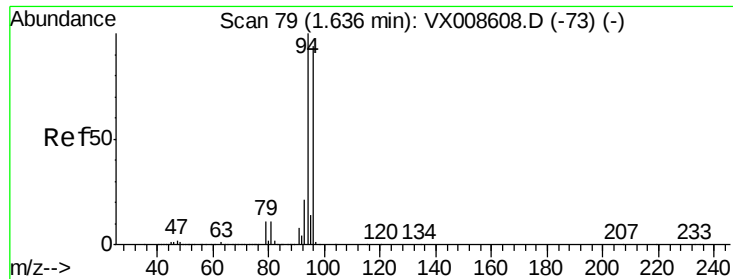
64 29.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.697 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

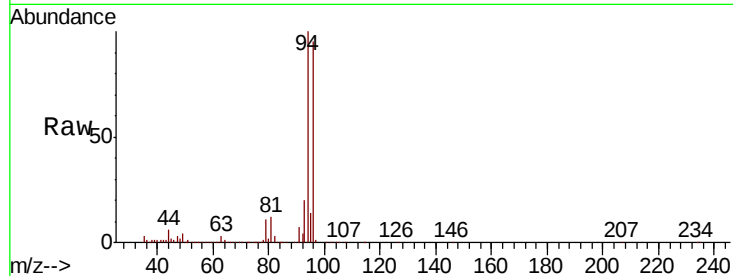
VX0403WBSD01

Tot Ion: 94 Resp: 25953

Ion Ratio Lower Upper

94 100

96 95.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

25000

20000

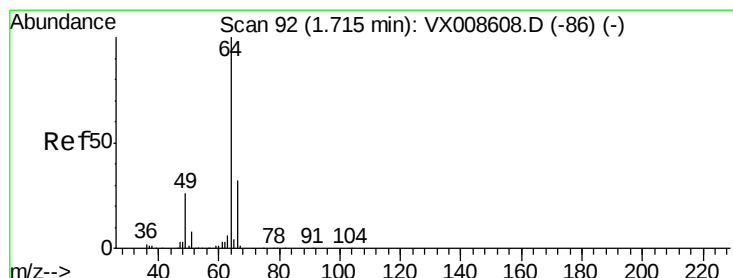
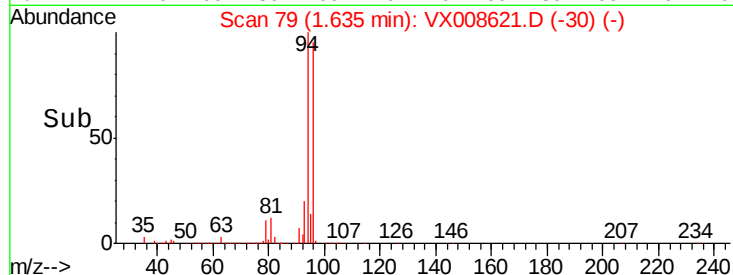
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 21.449 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008621.D

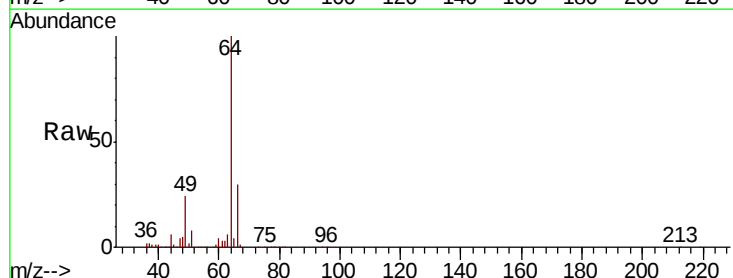
Acq: 03 Apr 2019 18:30

Tgt Ion: 64 Resp: 36029

Ion Ratio Lower Upper

64 100

66 30.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

25000

20000

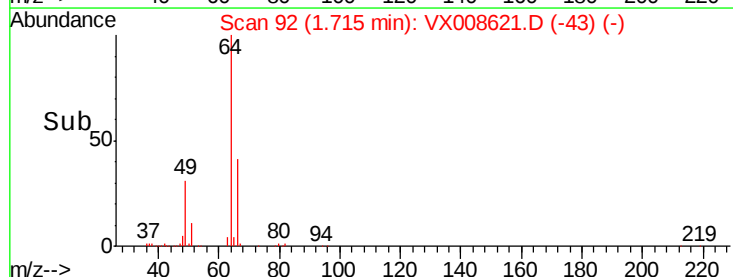
15000

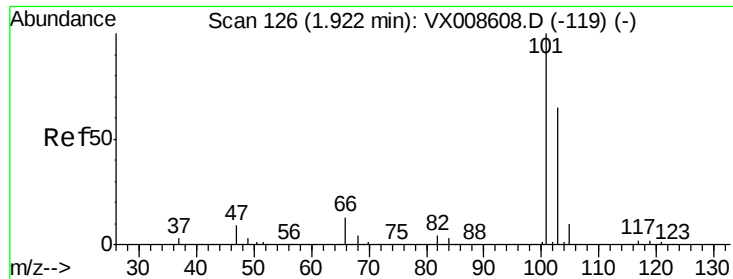
10000

5000

0

Time-->



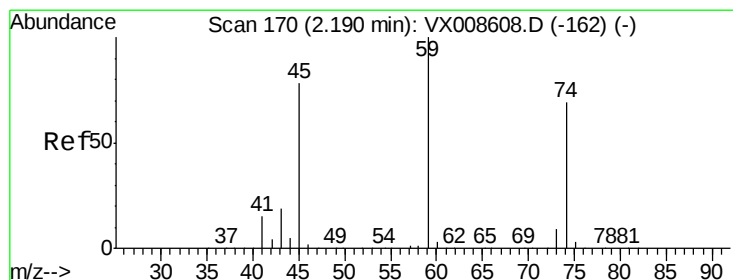
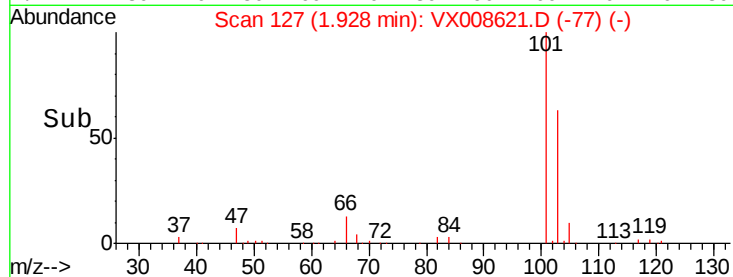
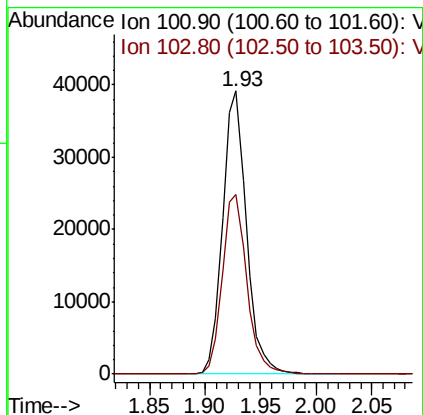
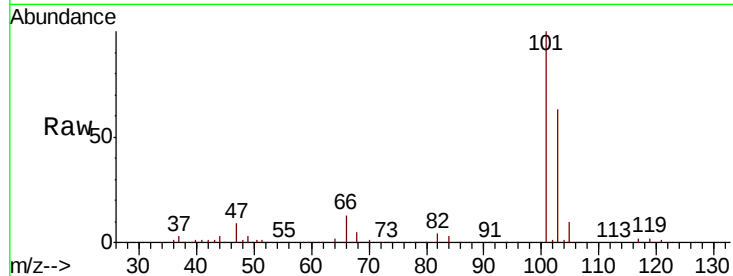


#7

Trichlorofluoromethane
 Concen: 18.452 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

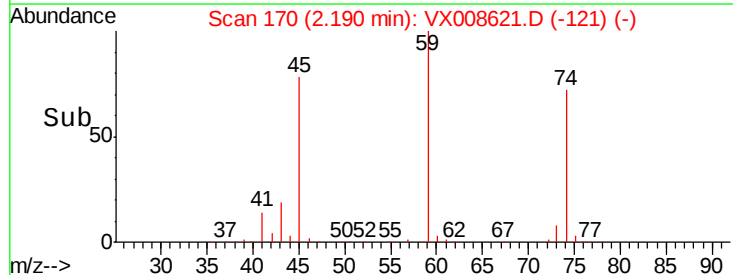
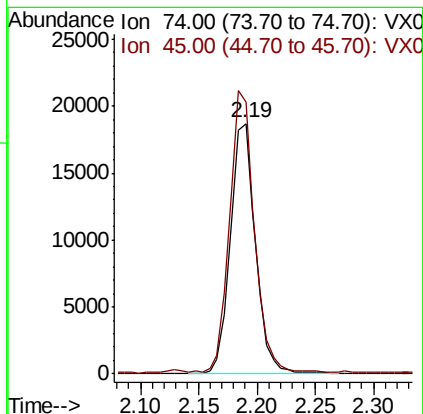
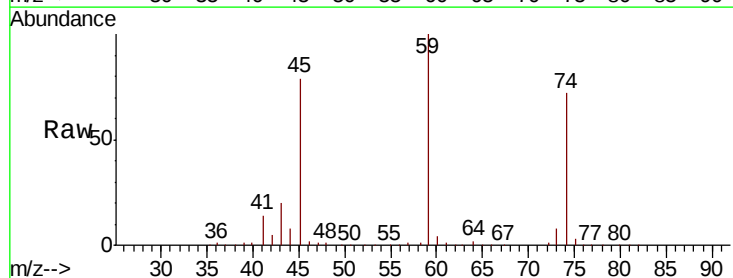
Tot Ion:101 Resp: 58057
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.3 78.5

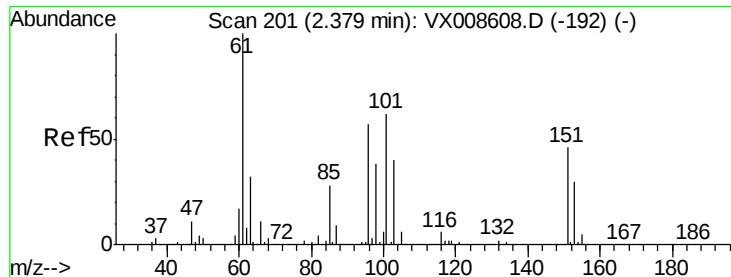


#8

Diethyl Ether
 Concen: 18.939 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

Tgt Ion: 74 Resp: 28258
 Ion Ratio Lower Upper
 74 100
 45 111.0 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.818 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

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VX0403WBSD01

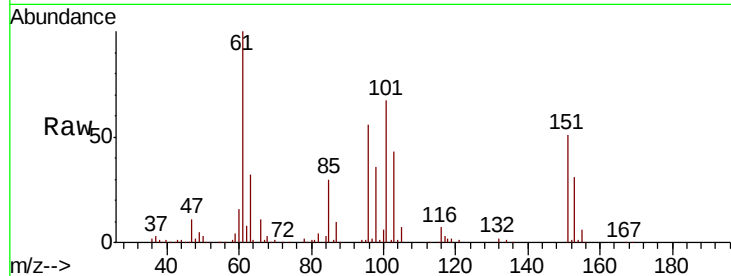
Tot Ion:101 Resp: 38120

Ion Ratio Lower Upper

101 100

85 44.5 36.0 54.0

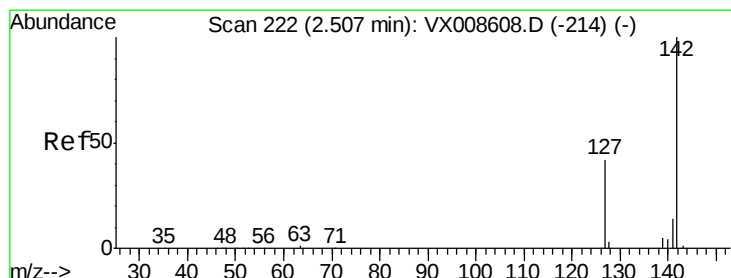
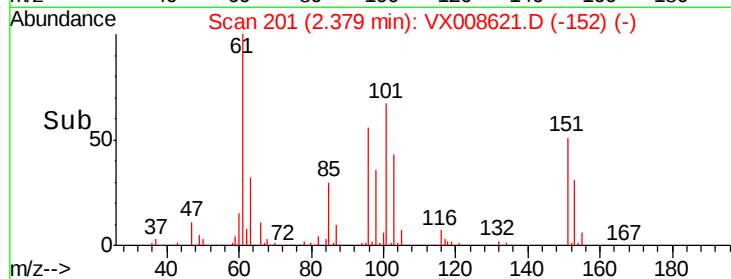
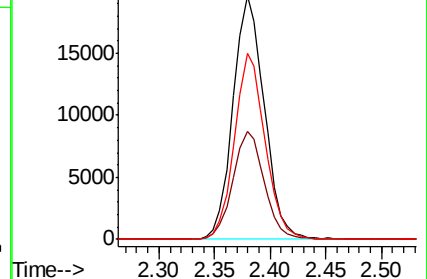
151 75.1 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.713 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

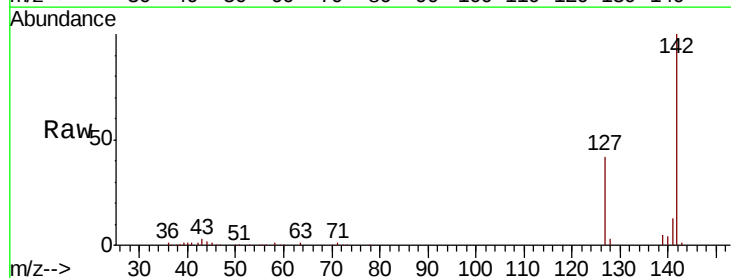
Tgt Ion:142 Resp: 29501

Ion Ratio Lower Upper

142 100

127 41.2 33.0 49.6

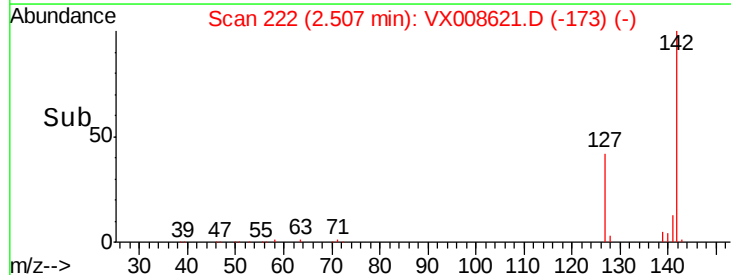
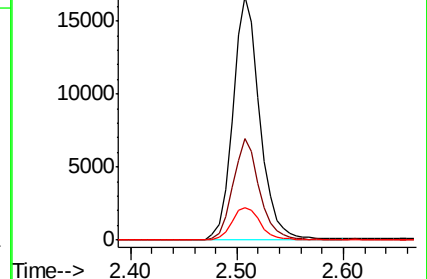
141 14.5 11.4 17.2

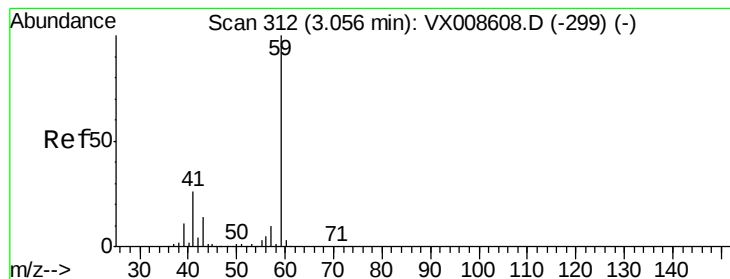


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



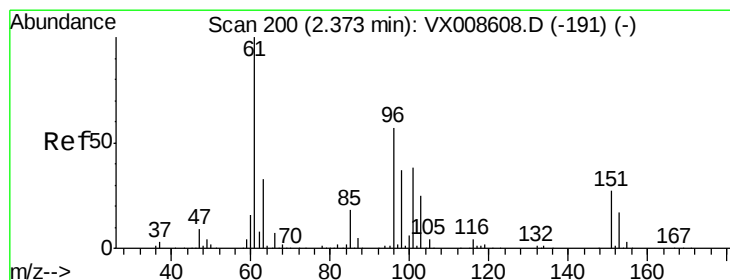
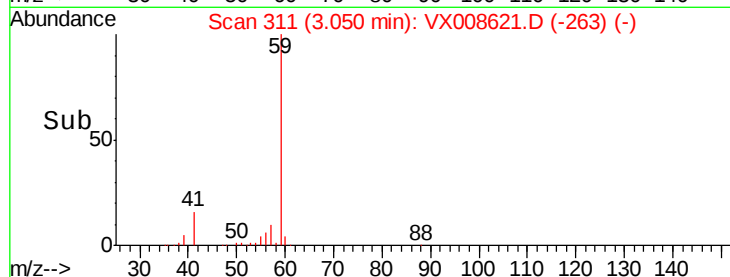
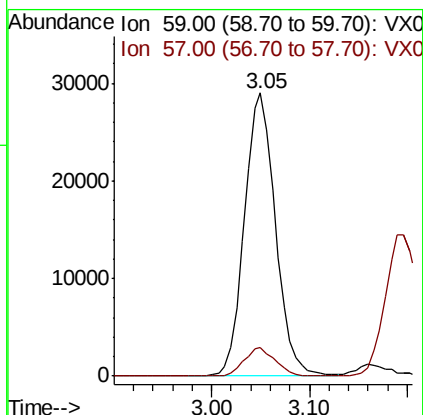
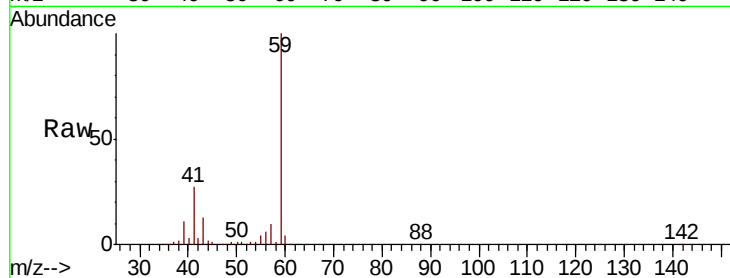


#11

Tert butyl alcohol
 Concen: 102.695 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

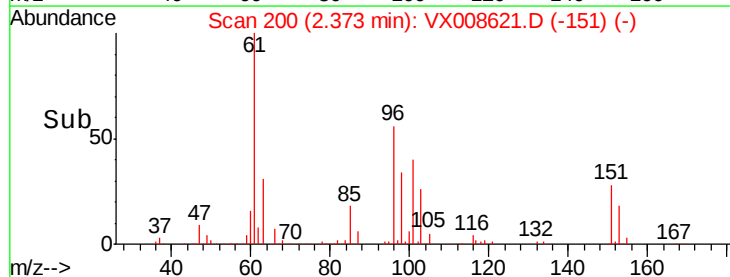
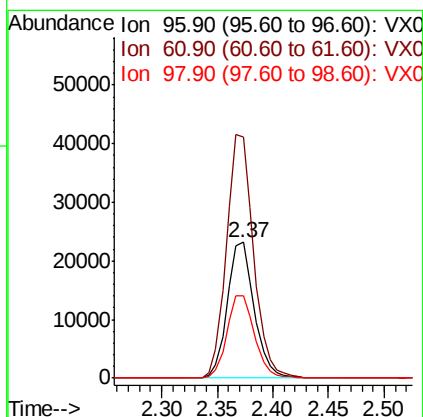
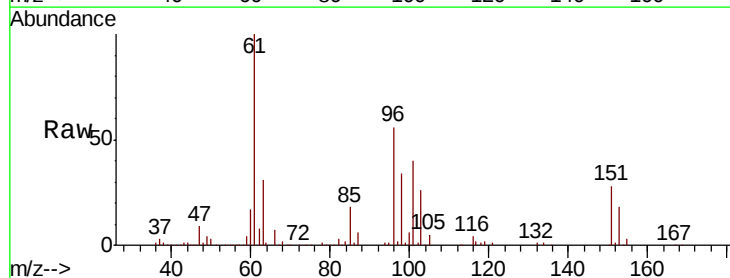
Tot Ion: 59 Resp: 64144
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5

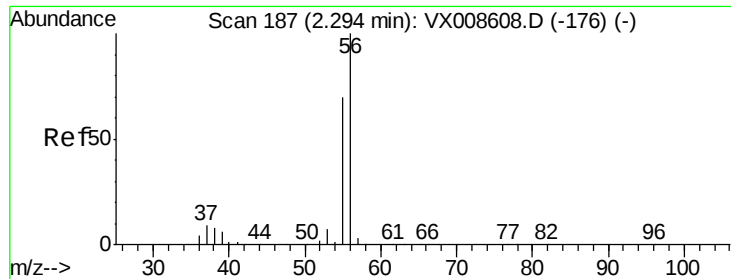


#12

1,1-Dichloroethene
 Concen: 18.397 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

Tgt Ion: 96 Resp: 38905
 Ion Ratio Lower Upper
 96 100
 61 177.8 140.9 211.3
 98 60.6 52.1 78.1





#13

Acrolein

Concen: 87.959 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

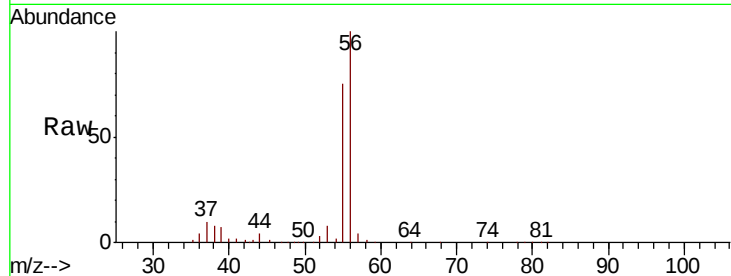
VX0403WBSD01

Tot Ion: 56 Resp: 27242

Ion Ratio Lower Upper

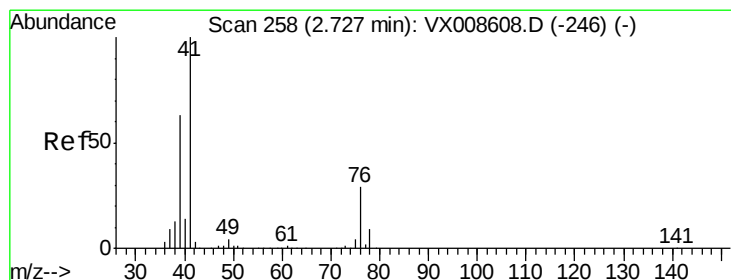
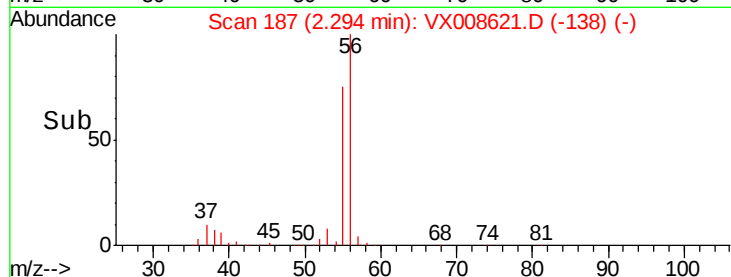
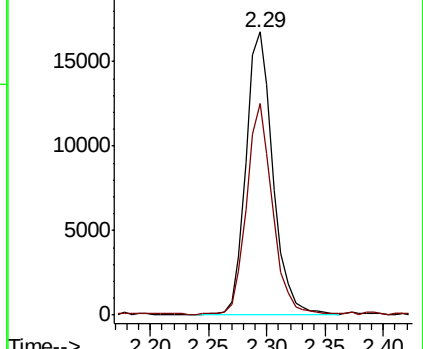
56 100

55 72.3 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.453 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

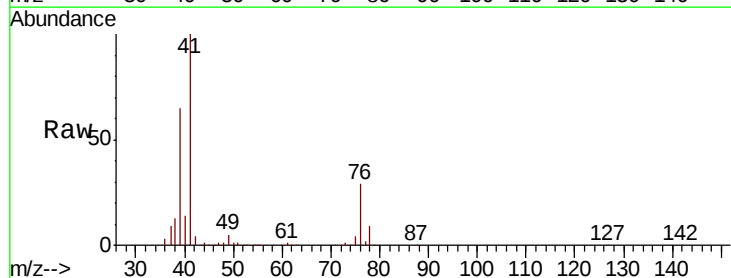
Tgt Ion: 41 Resp: 89332

Ion Ratio Lower Upper

41 100

39 60.3 48.0 72.0

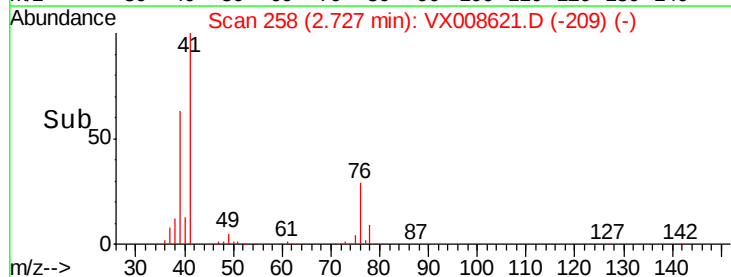
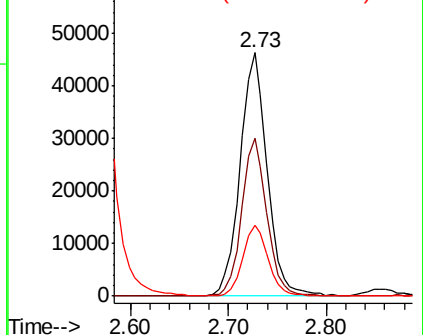
76 27.1 22.0 33.0

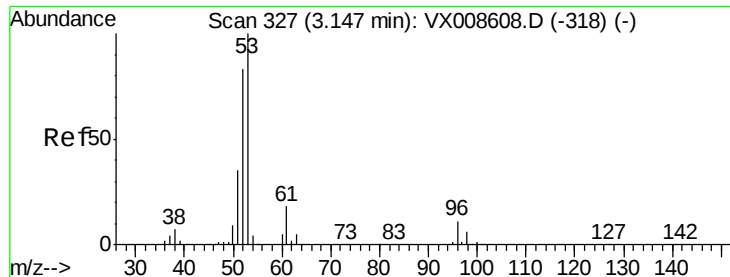


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 96.877 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

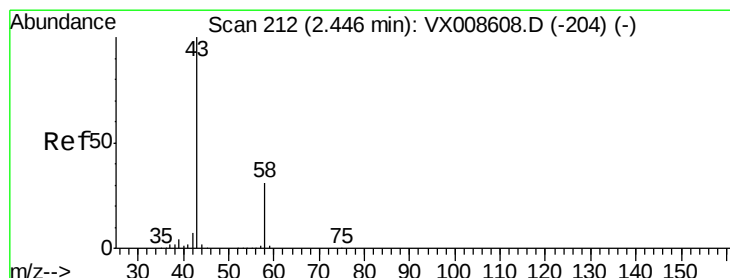
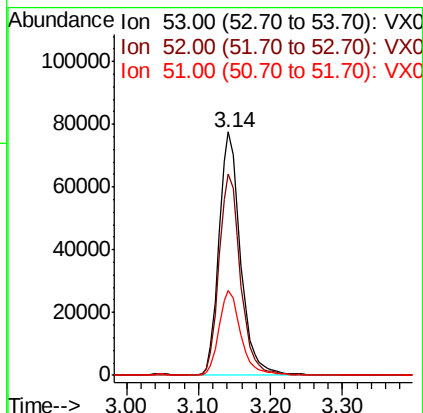
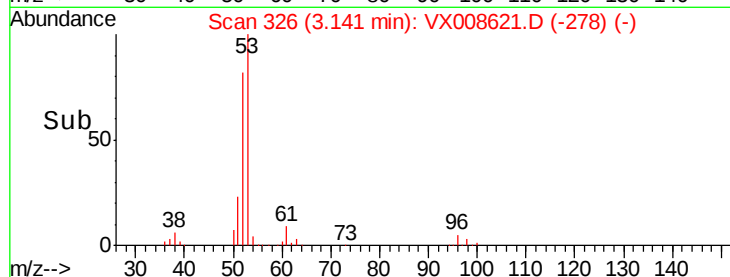
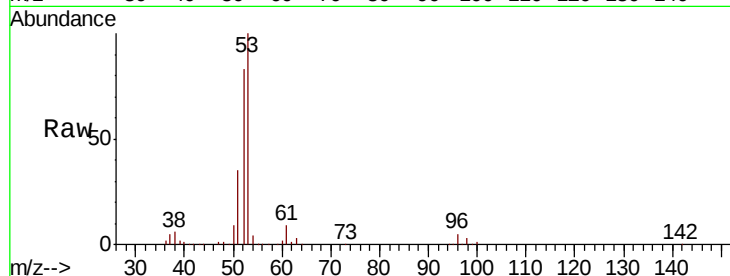
Tot Ion: 53 Resp: 160301

Ion Ratio Lower Upper

53 100

52 83.4 66.5 99.7

51 35.2 28.6 42.8



#16

Acetone

Concen: 95.787 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008621.D

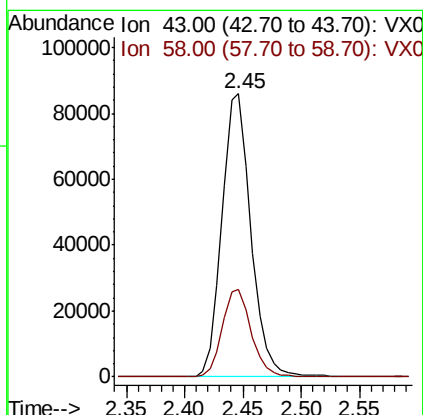
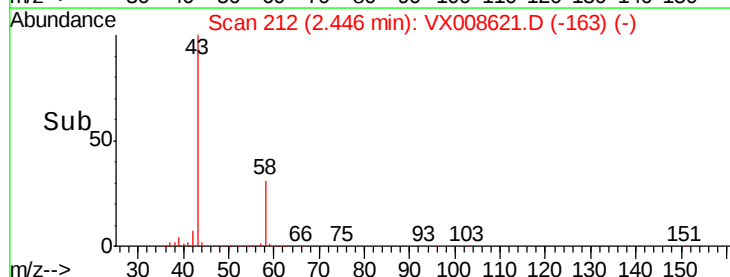
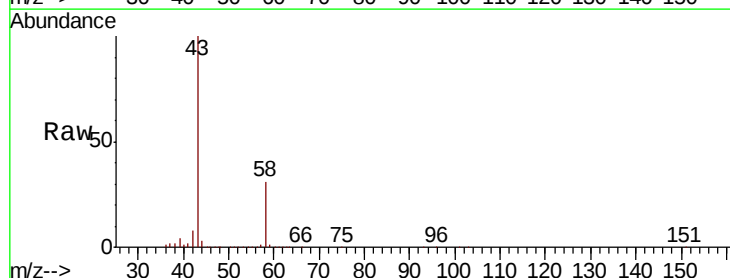
Acq: 03 Apr 2019 18:30

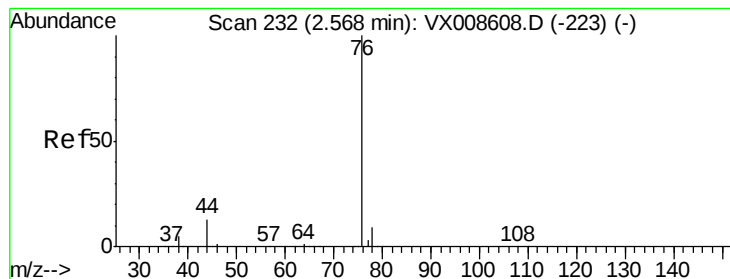
Tgt Ion: 43 Resp: 147194

Ion Ratio Lower Upper

43 100

58 31.1 24.8 37.2





#17

Carbon Disulfide

Concen: 18.270 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

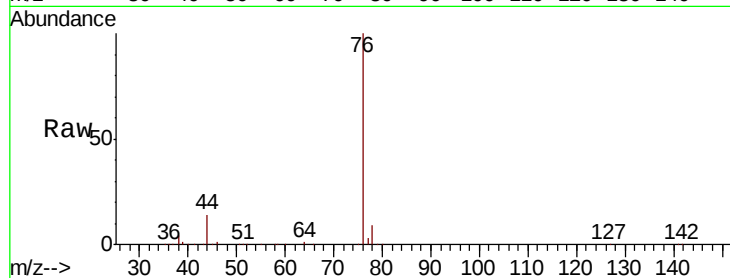
VX0403WBSD01

Tot Ion: 76 Resp: 114433

Ion Ratio Lower Upper

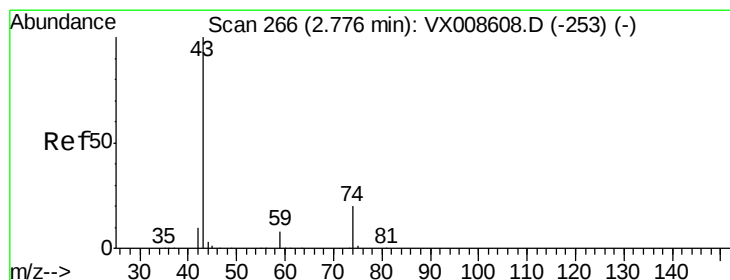
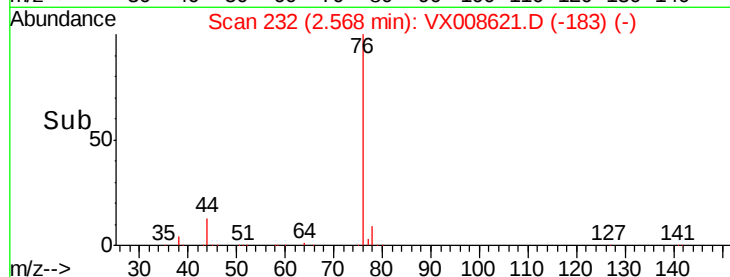
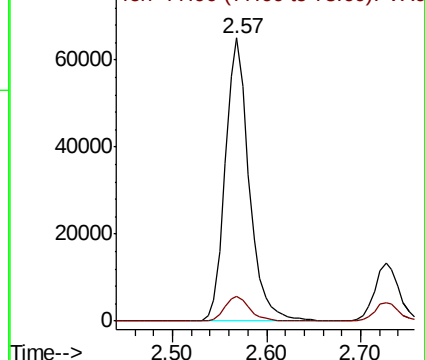
76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.635 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008621.D

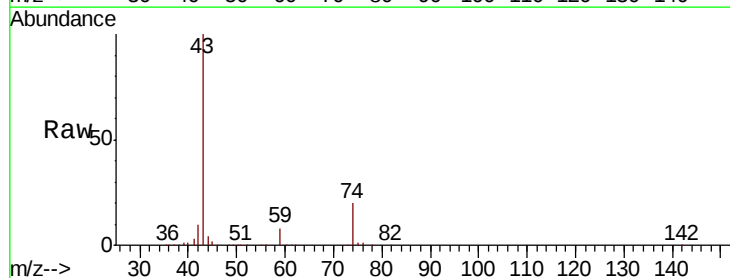
Acq: 03 Apr 2019 18:30

Tgt Ion: 43 Resp: 69451

Ion Ratio Lower Upper

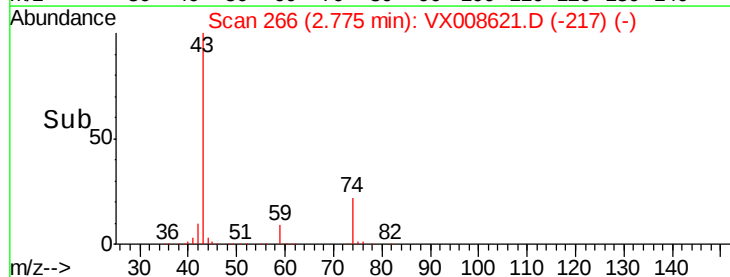
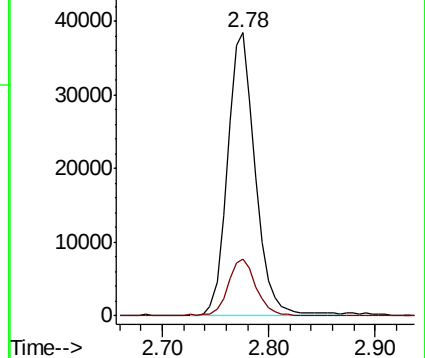
43 100

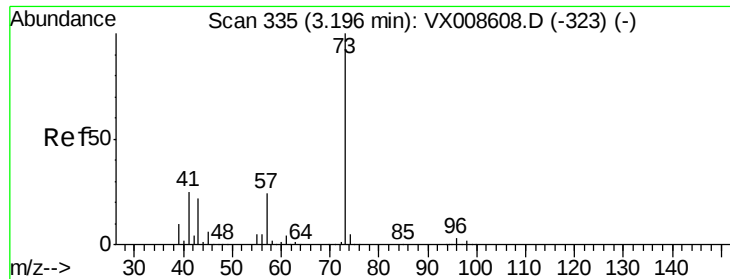
74 20.7 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

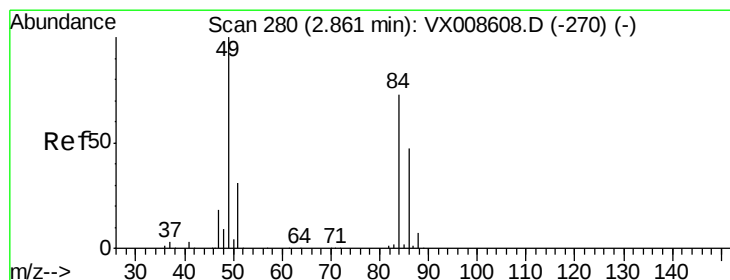
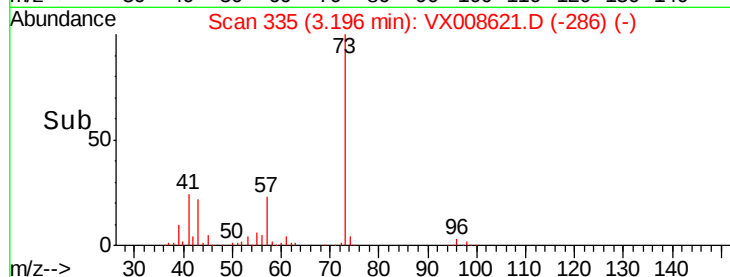
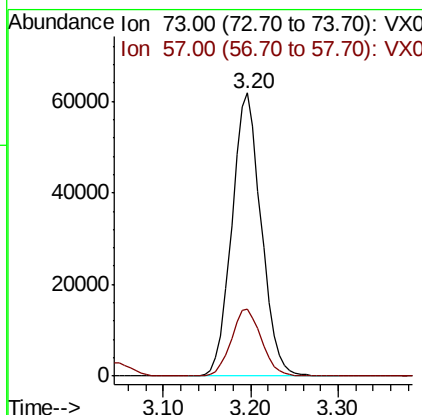
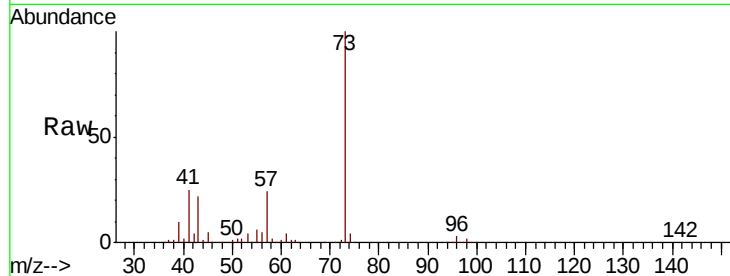




#19
Methyl tert-butyl Ether
Concen: 19.058 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

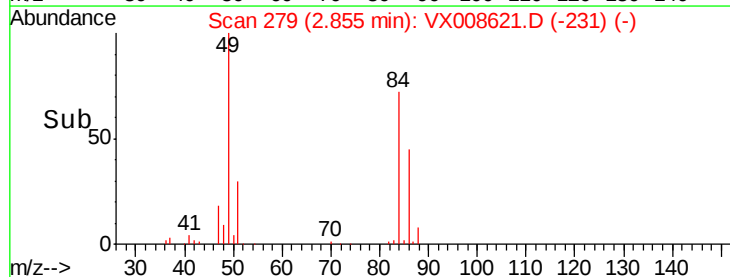
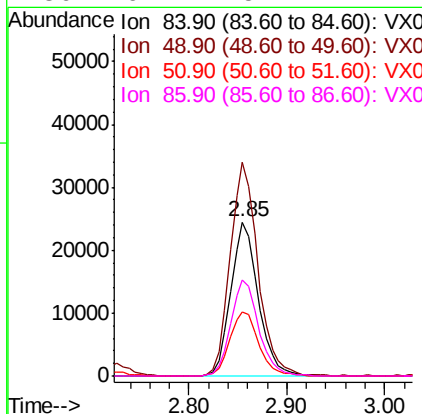
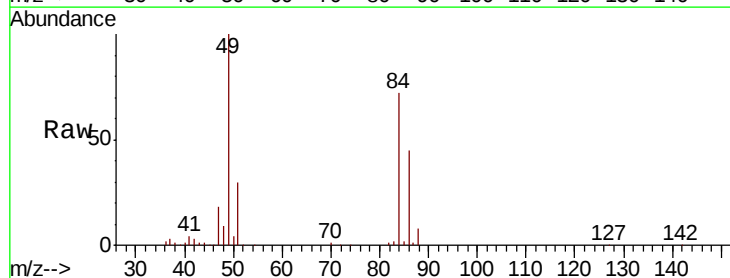
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

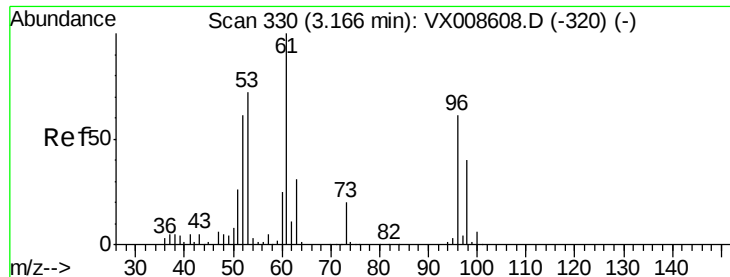
Tot Ion: 73 Resp: 143926
Ion Ratio Lower Upper
73 100
57 23.5 19.5 29.3



#20
Methylene Chloride
Concen: 18.553 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

Tgt Ion: 84 Resp: 47723
Ion Ratio Lower Upper
84 100
49 138.6 109.7 164.5
51 41.9 33.6 50.4
86 62.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 18.332 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

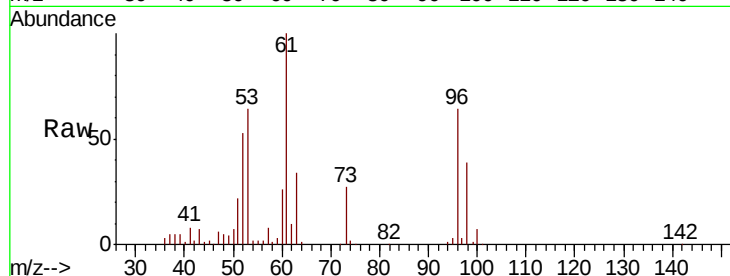
Tot Ion: 96 Resp: 41933

Ion Ratio Lower Upper

96 100

61 155.2 132.1 198.1

98 61.2 52.2 78.2

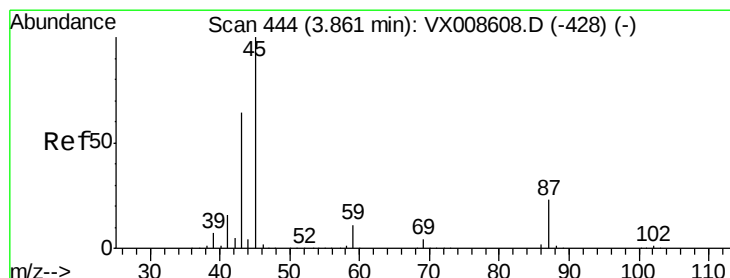
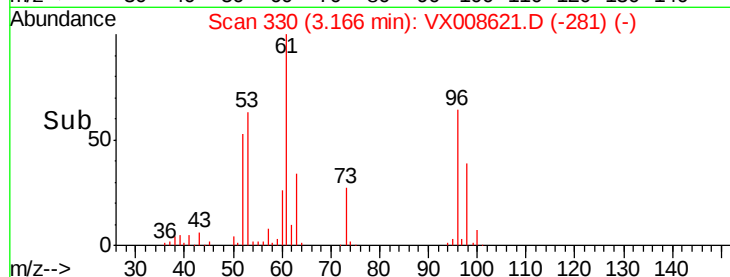
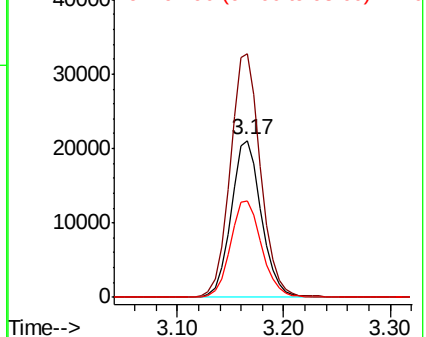


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.059 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Tgt Ion: 45 Resp: 177831

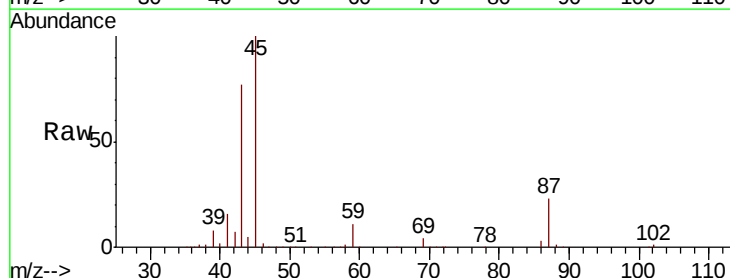
Ion Ratio Lower Upper

45 100

43 76.0 51.3 76.9

87 23.0 18.1 27.1

59 10.5 8.6 13.0



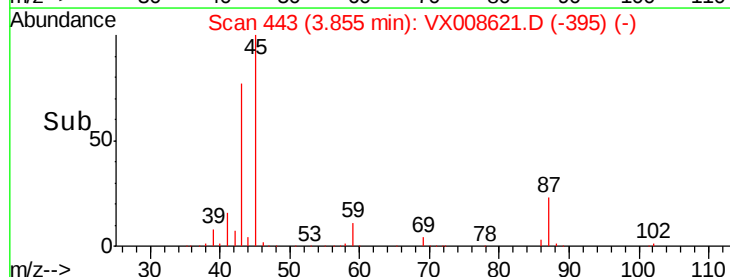
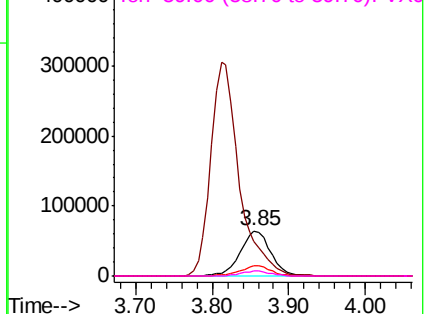
Abundance

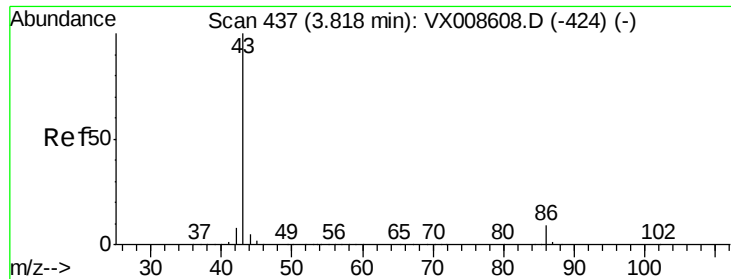
Ion 45.00 (44.70 to 45.70): VX0

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: 97.143 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

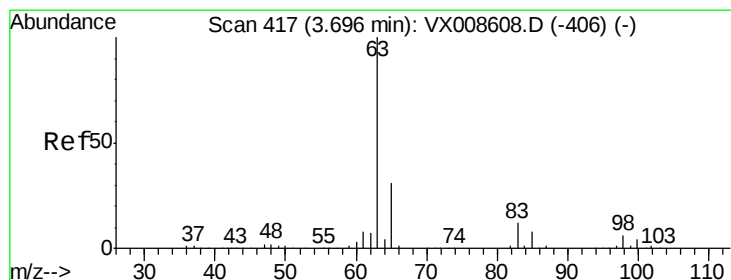
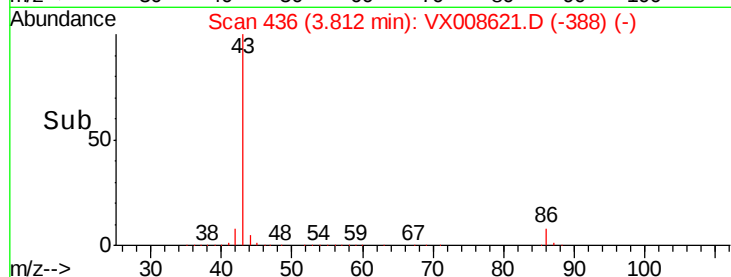
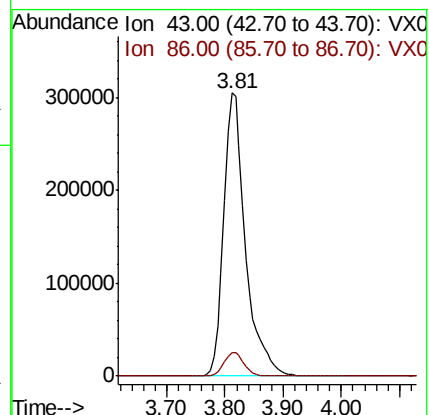
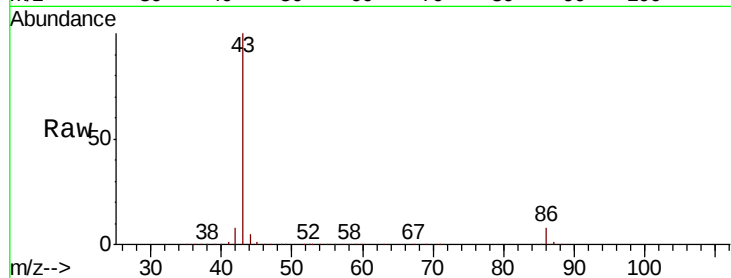
VX0403WBSD01

Tot Ion: 43 Resp: 788520

Ion Ratio Lower Upper

43 100

86 8.2 7.0 10.6



#24

1,1-Dichloroethane

Concen: 18.706 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

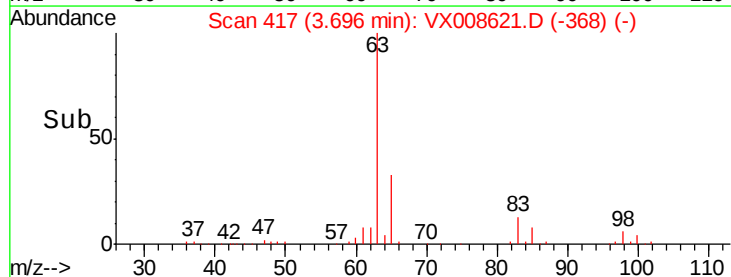
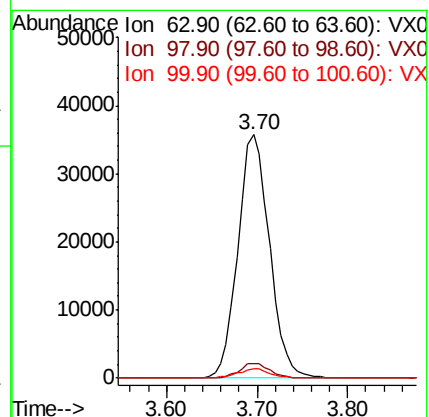
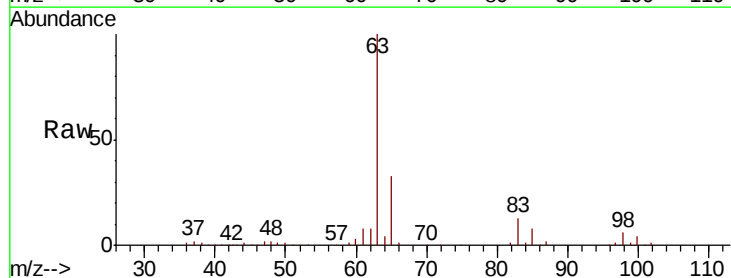
Tgt Ion: 63 Resp: 86415

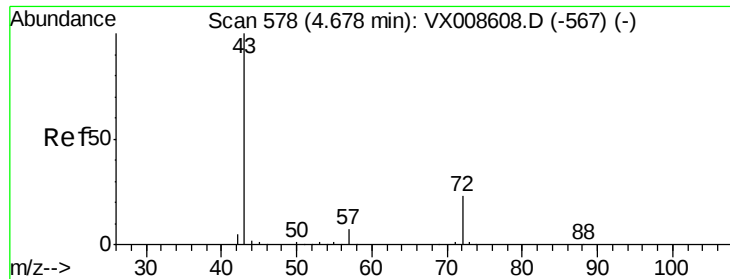
Ion Ratio Lower Upper

63 100

98 5.8 2.8 8.4

100 3.8 1.8 5.5





#25

2-Butanone

Concen: 98.405 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

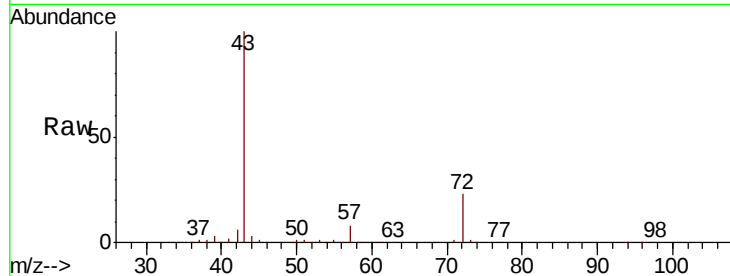
VX0403WBSD01

Tot Ion: 43 Resp: 239003

Ion Ratio Lower Upper

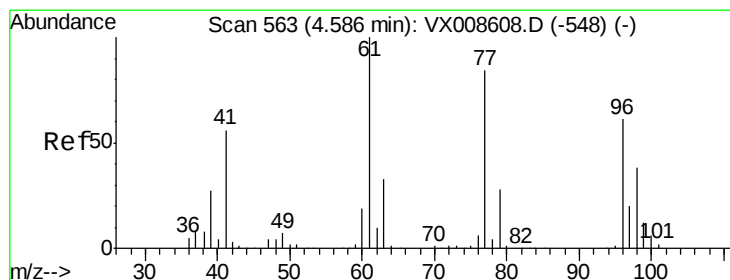
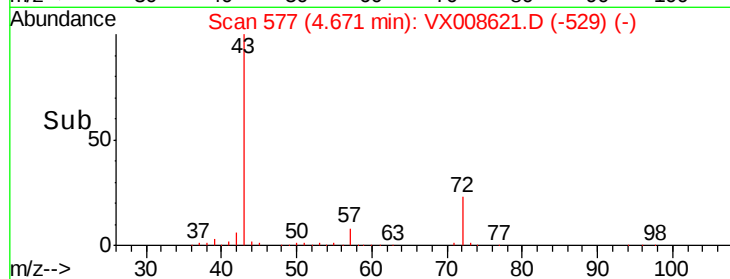
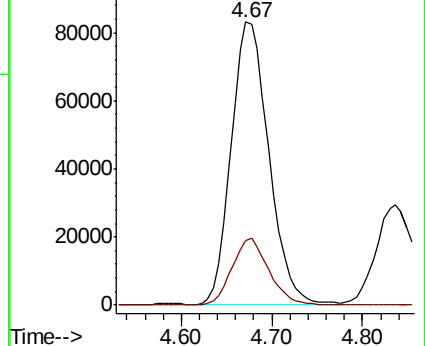
43 100

72 22.6 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.148 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008621.D

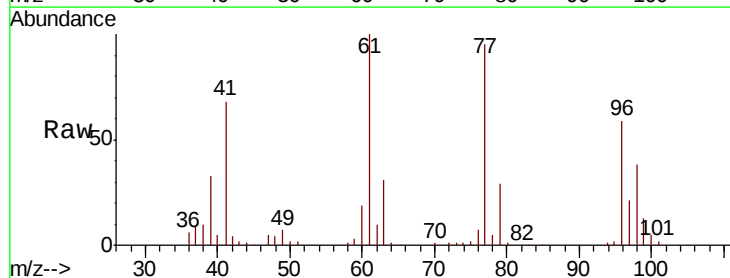
Acq: 03 Apr 2019 18:30

Tgt Ion: 77 Resp: 59050

Ion Ratio Lower Upper

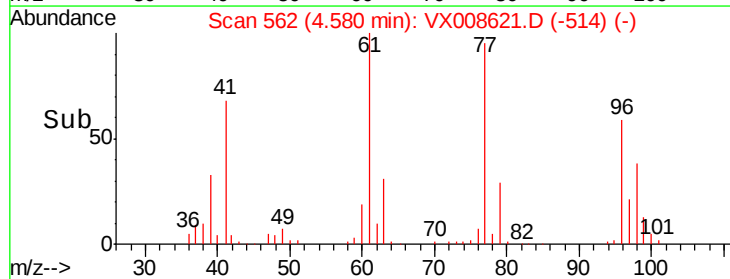
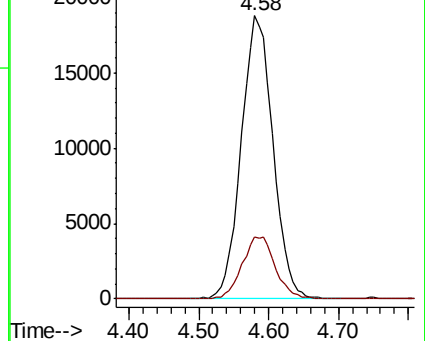
77 100

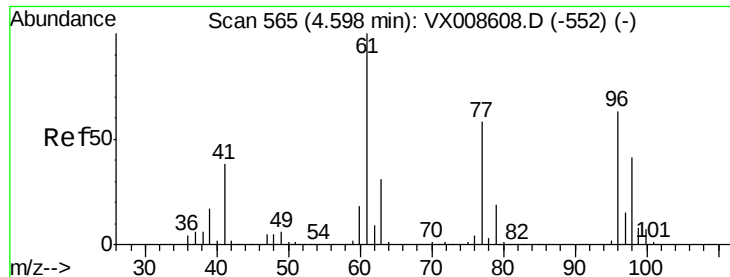
97 22.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



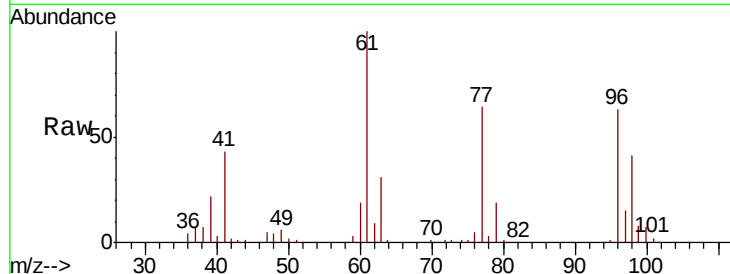


#27

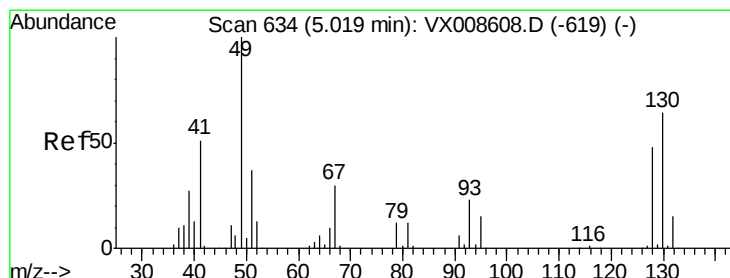
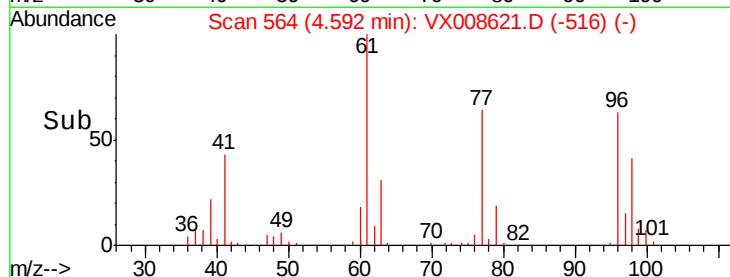
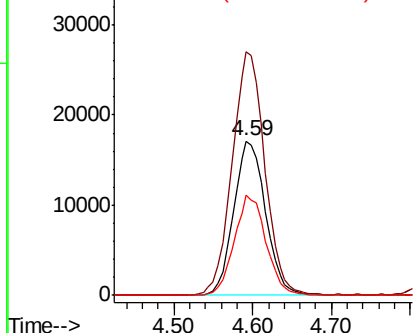
cis-1,2-Dichloroethene
Concen: 18.329 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

Instrument :
MSVOA_X
ClientSampled :
VX0403WBSD01

Tot Ion: 96 Resp: 48202
Ion Ratio Lower Upper
96 100
61 161.6 0.0 327.6
98 64.5 0.0 128.6



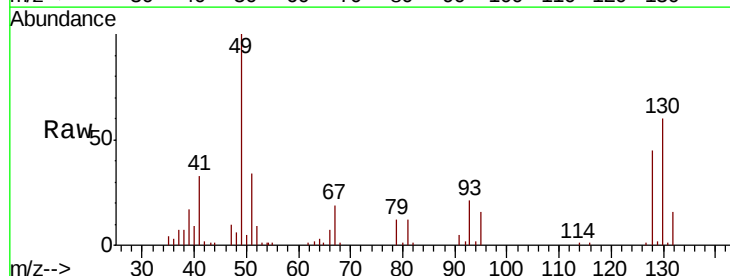
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



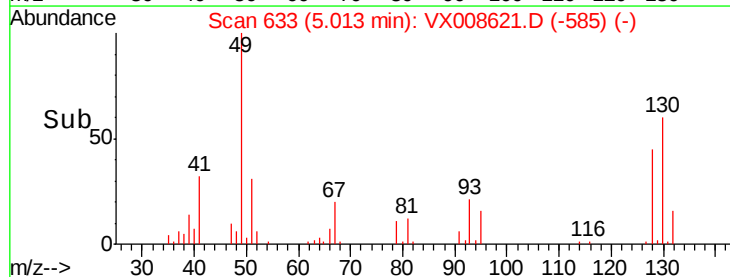
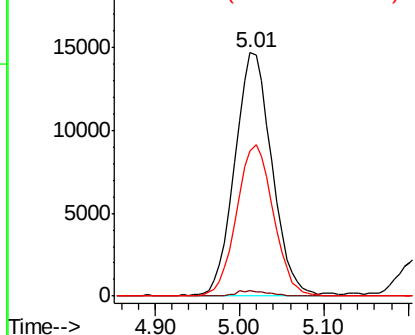
#28

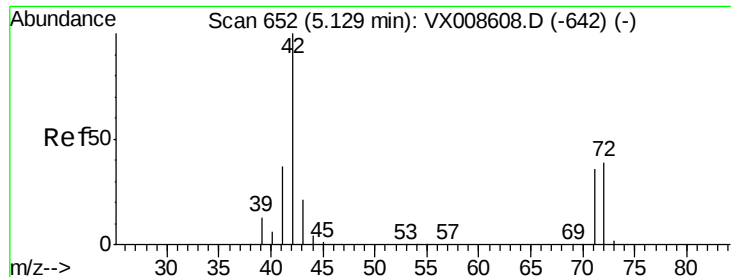
Bromochloromethane
Concen: 21.117 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

Tgt Ion: 49 Resp: 44124
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 61.4 49.3 73.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

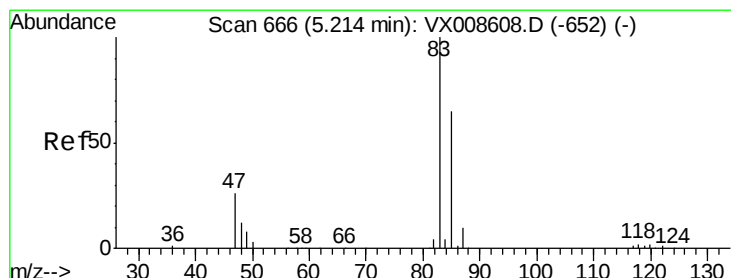
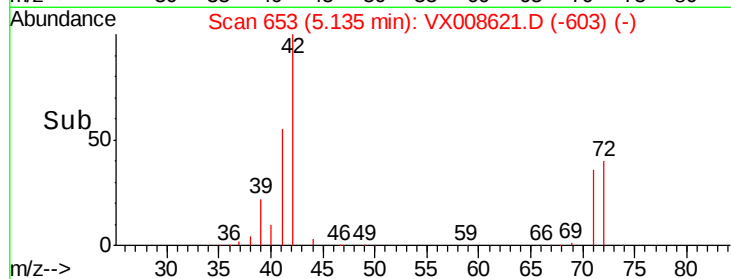
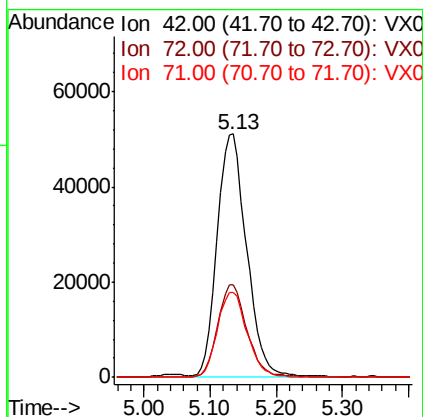
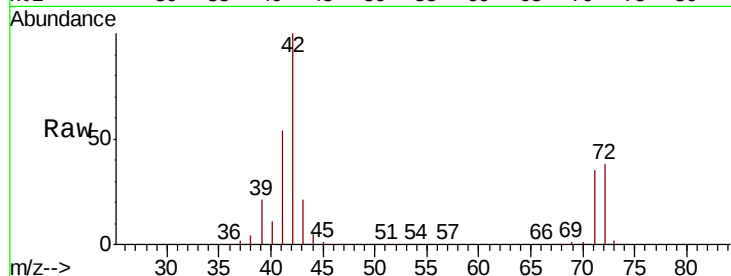




#29
Tetrahydrofuran
Concen: 97.211 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

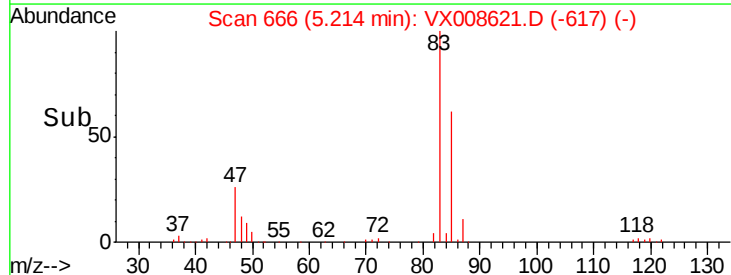
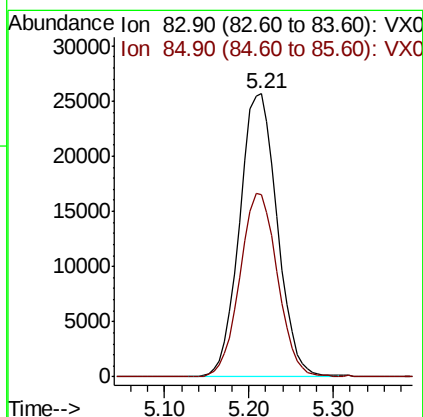
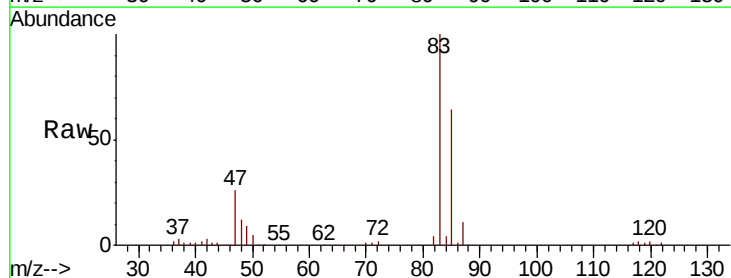
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

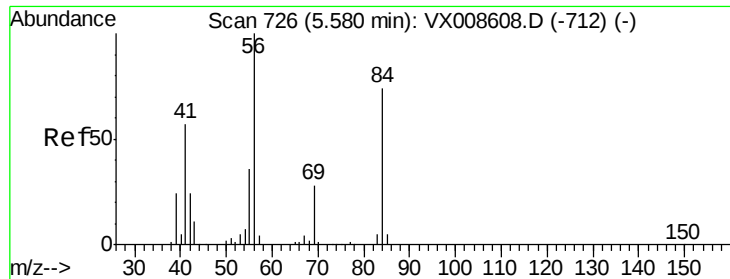
Tot Ion: 42 Resp: 156707
Ion Ratio Lower Upper
42 100
72 38.3 30.5 45.7
71 35.5 28.6 43.0



#30
Chloroform
Concen: 18.840 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

Tgt Ion: 83 Resp: 77739
Ion Ratio Lower Upper
83 100
85 64.4 52.1 78.1

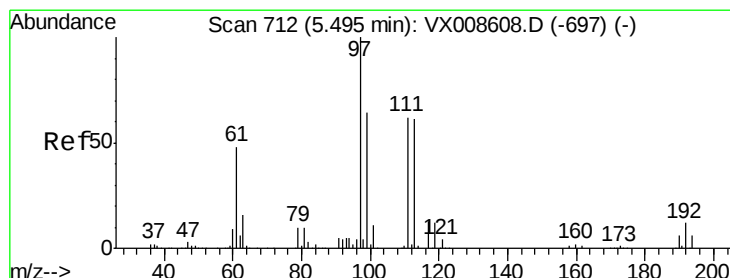
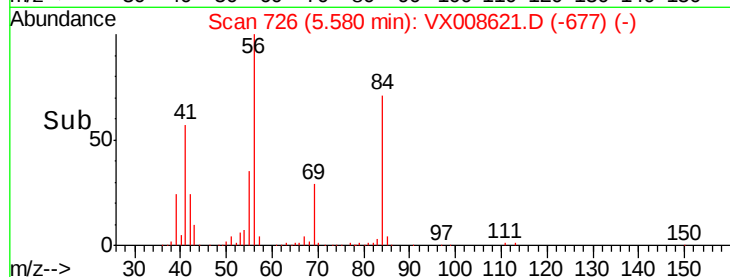
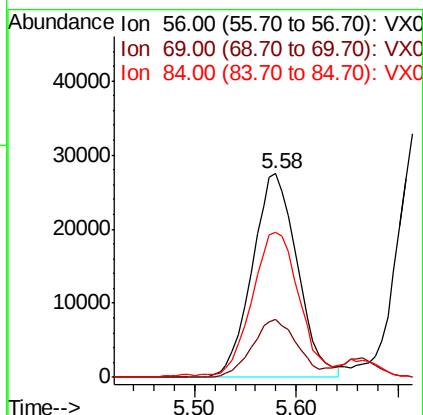
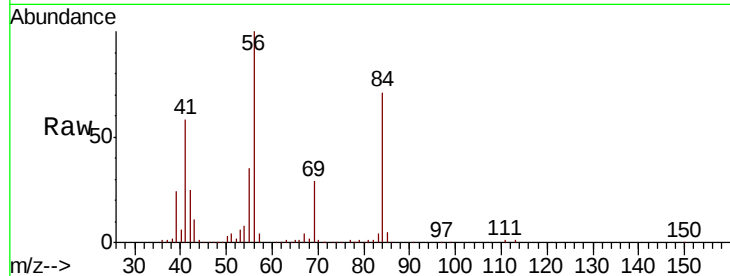




#31
Cyclohexane
Concen: 18.276 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

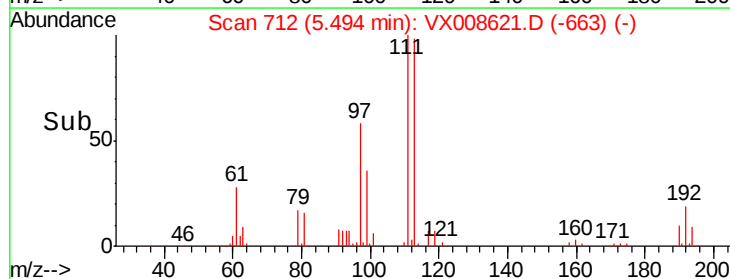
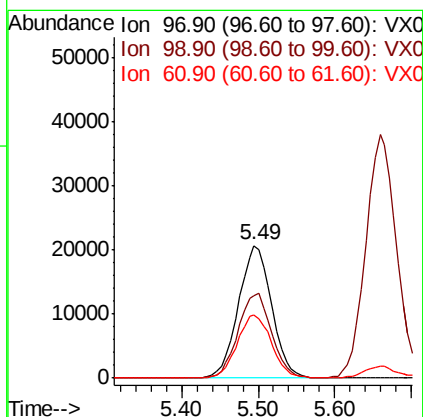
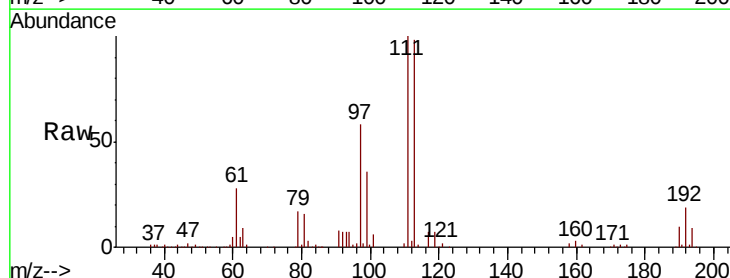
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

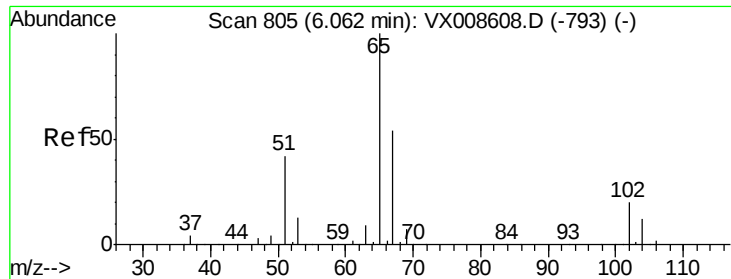
Tot Ion: 56 Resp: 84248
Ion Ratio Lower Upper
56 100
69 28.7 22.6 33.8
84 69.9 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 18.696 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

Tgt Ion: 97 Resp: 62341
Ion Ratio Lower Upper
97 100
99 64.7 51.3 76.9
61 49.1 38.9 58.3

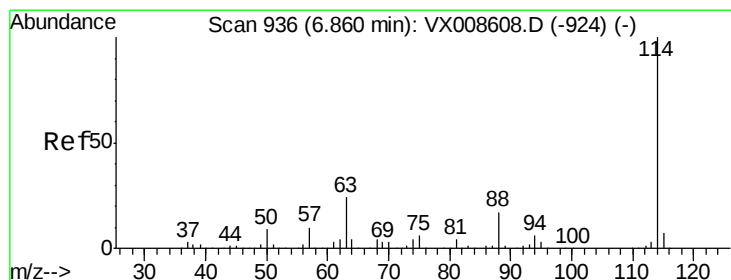
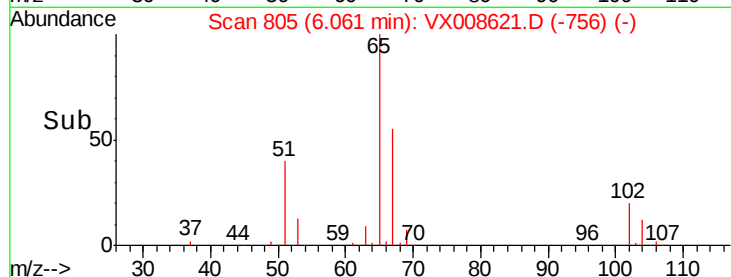
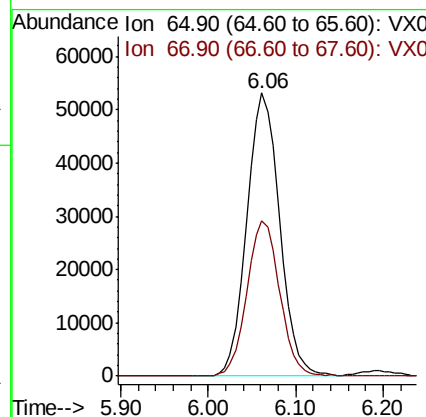
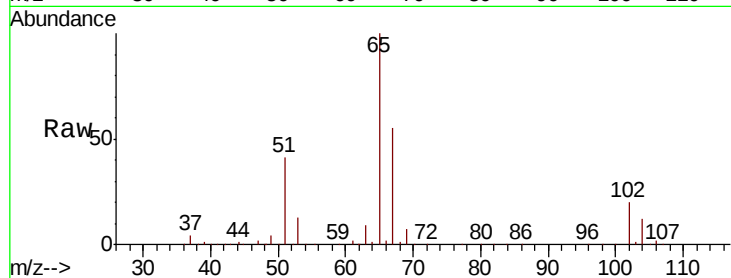




#33
 1,2-Dichloroethane-d4
 Concen: 52.039 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

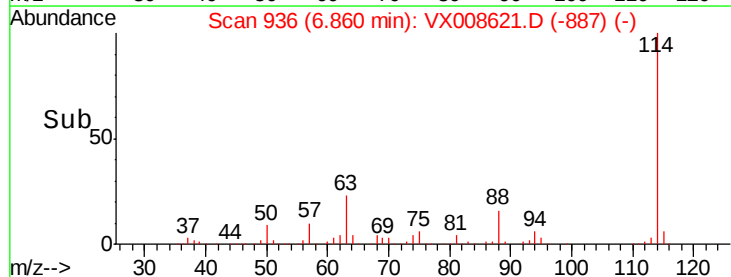
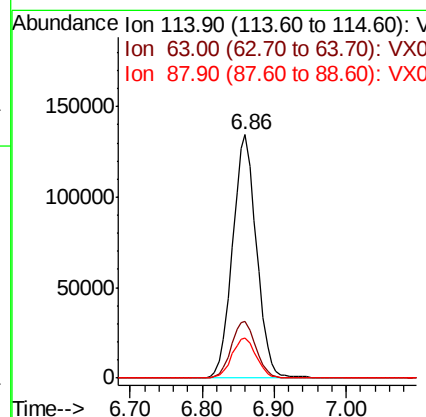
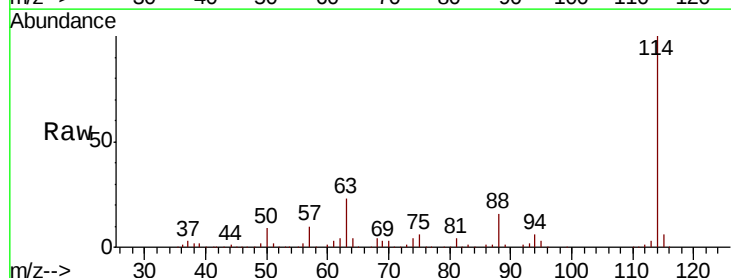
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

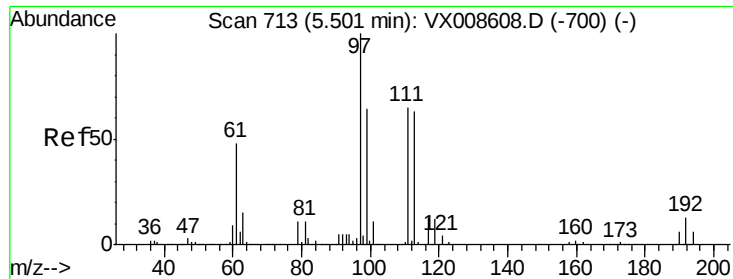
Tot Ion: 65 Resp: 138839
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

Tgt Ion: 114 Resp: 311509
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 16.4 0.0 34.0

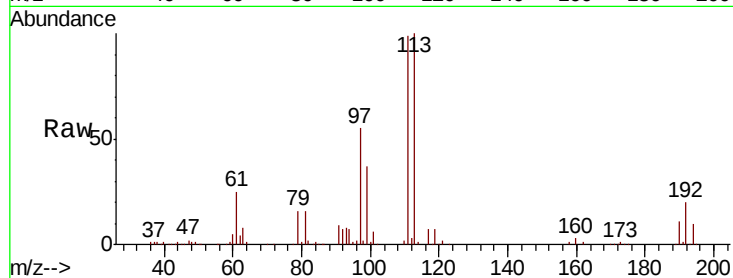




#35
 Dibromofluoromethane
 Concen: 50.847 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.2
192	20.3	16.1	24.1

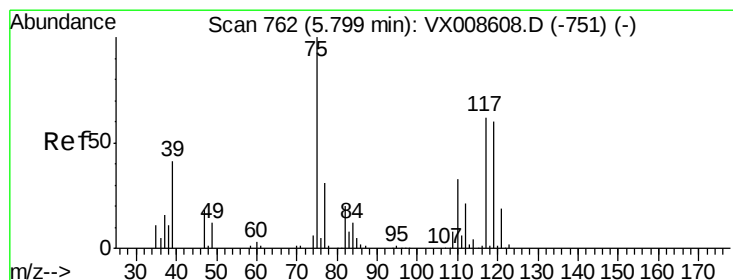
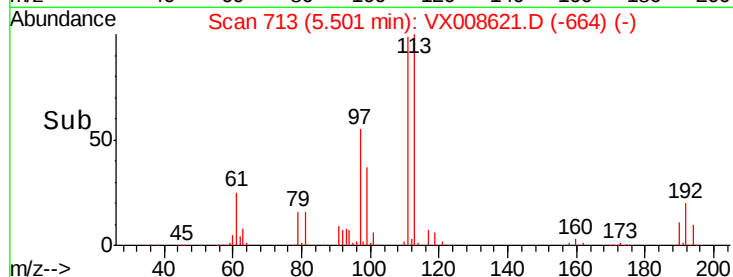
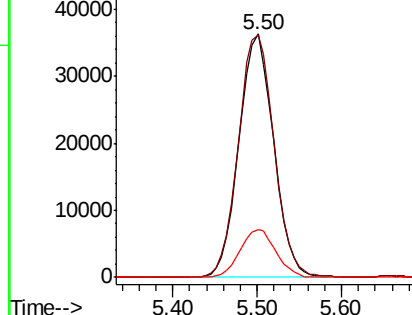


Abundance

Ion 112.80 (112.50 to 113.50): V

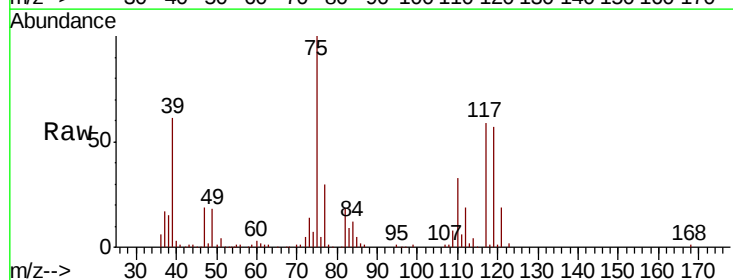
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 17.457 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.4	49.2
77	31.3	24.7	37.1

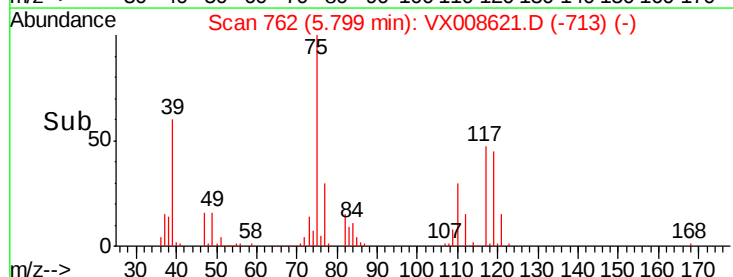
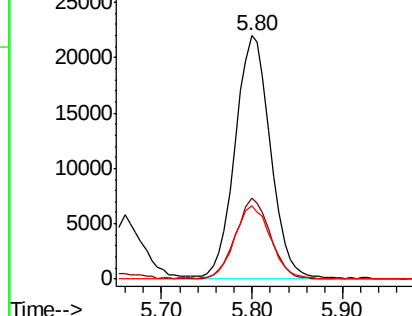


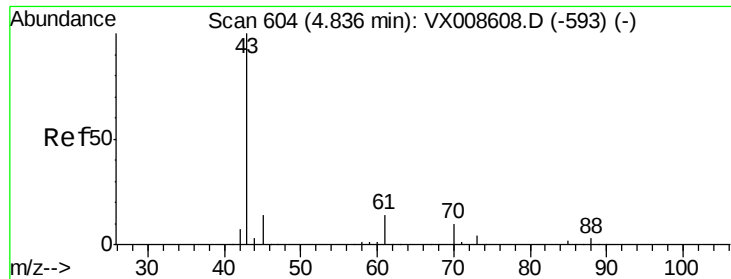
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.253 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleID :

VX0403WBSD01

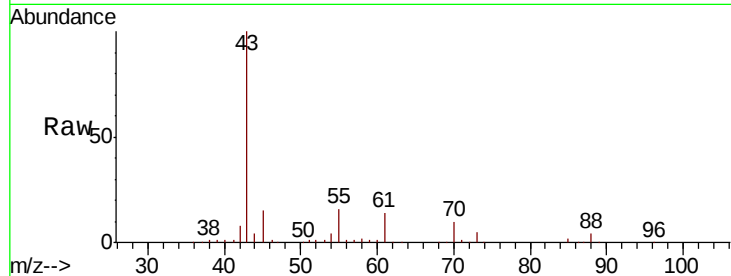
Tot Ion: 43 Resp: 87506

Ion Ratio Lower Upper

43 100

61 13.2 10.3 15.5

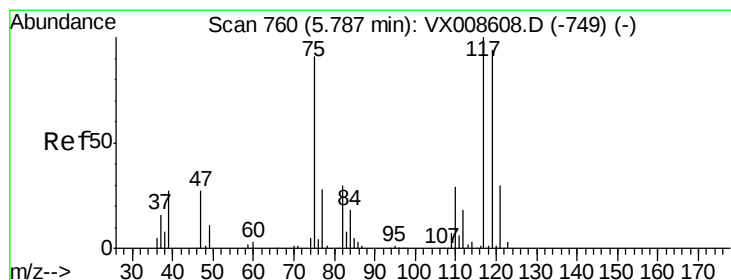
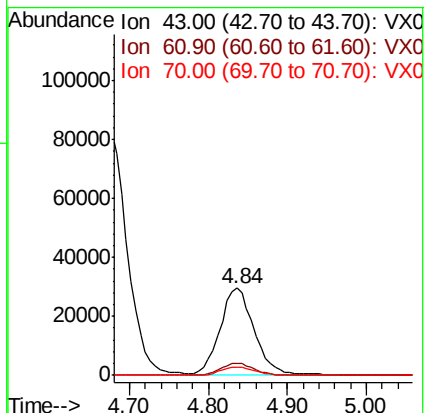
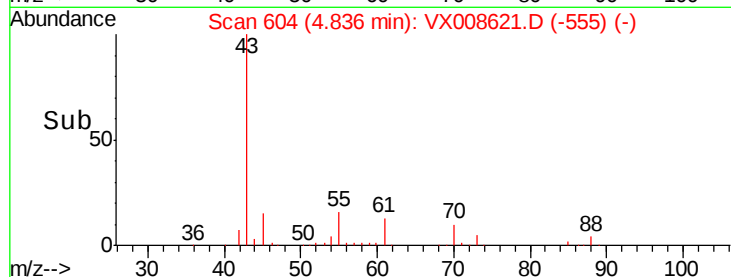
70 10.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.208 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

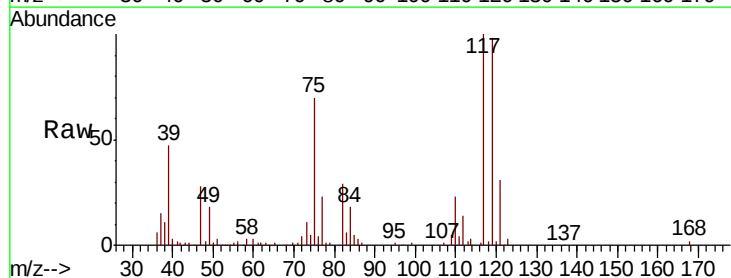
Tgt Ion: 117 Resp: 51314

Ion Ratio Lower Upper

117 100

119 97.6 75.0 112.6

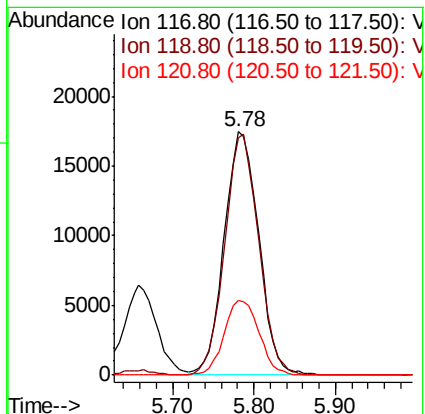
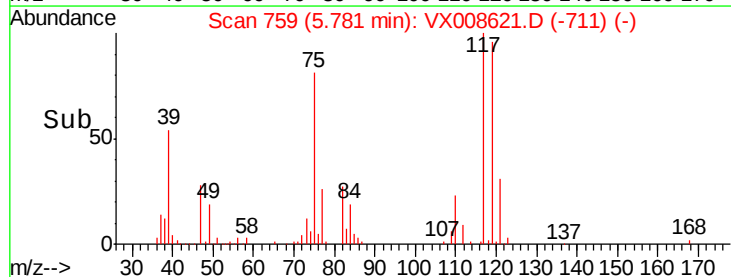
121 30.7 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

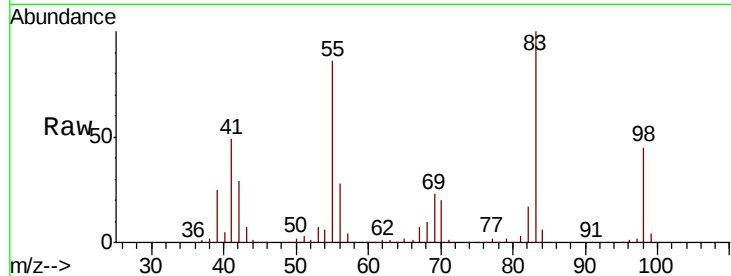




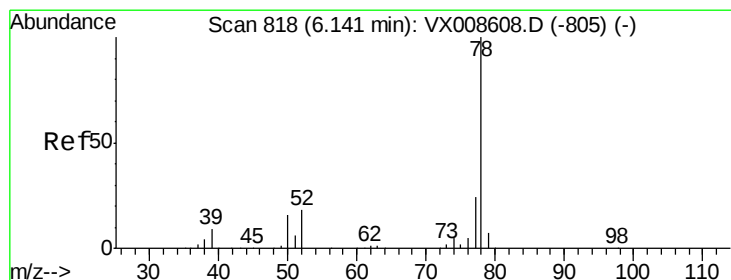
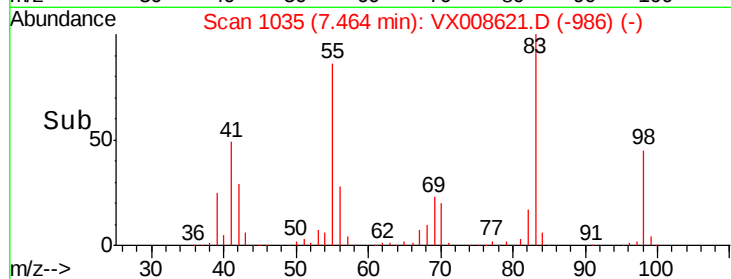
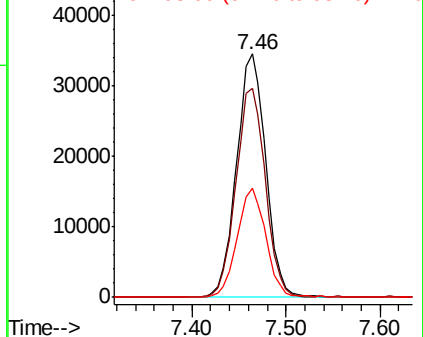
#39
Methvlcvclohexane
Concen: 17.733 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tot Ion: 83 Resp: 74591
Ion Ratio Lower Upper
83 100
55 85.9 69.0 103.6
98 44.7 34.4 51.6

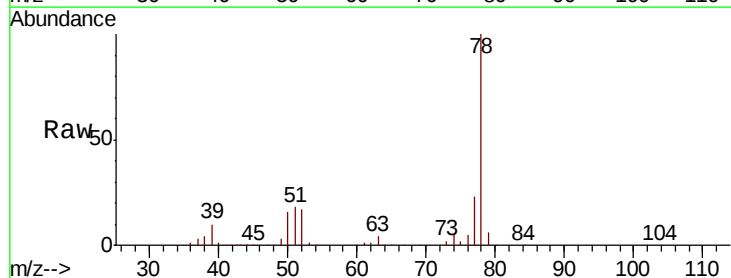


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

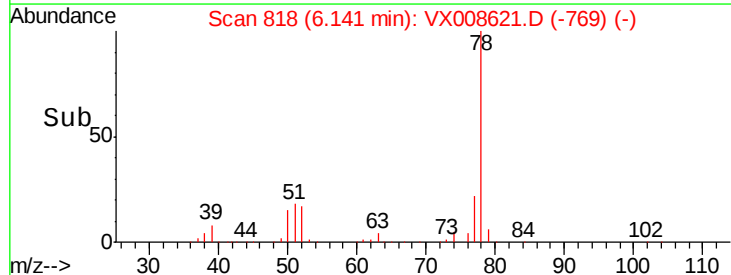
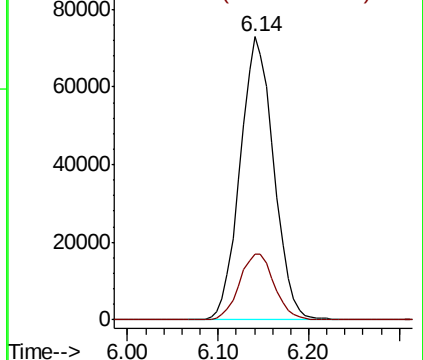


#40
Benzene
Concen: 18.488 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

Tgt Ion: 78 Resp: 187543
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7



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

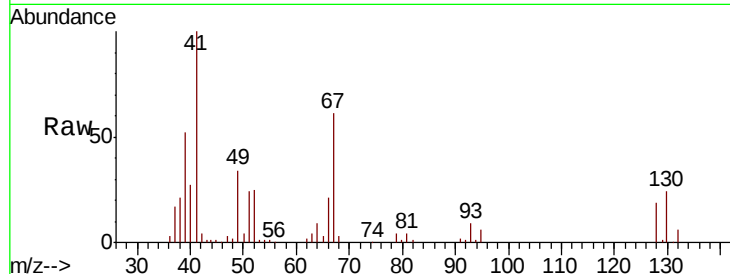




#41
Methacrylonitrile
Concen: 18.718 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tot Ion:	41	Resp:	48903
Ion	Ratio	Lower	Upper
41	100		
39	52.2	42.1	63.1
67	63.8	51.0	76.6
52	27.1	21.4	32.0



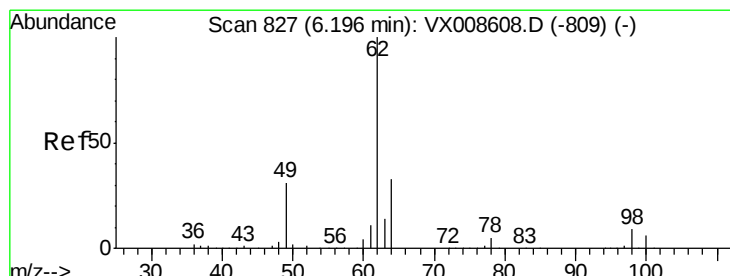
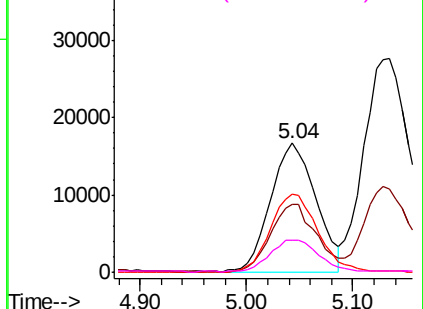
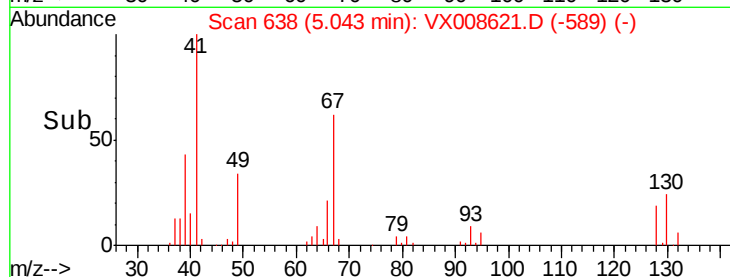
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

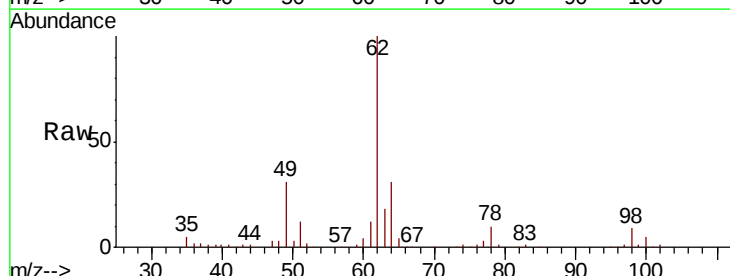
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 18.556 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

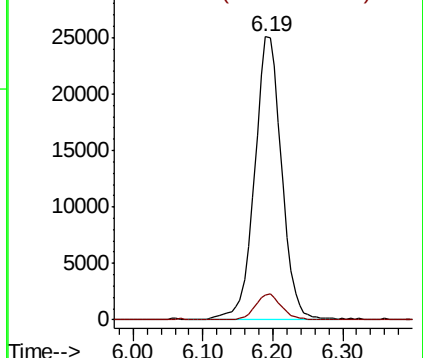
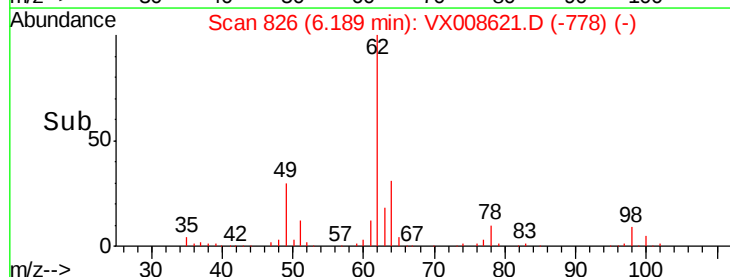
Tgt Ion:	62	Resp:	67484
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0

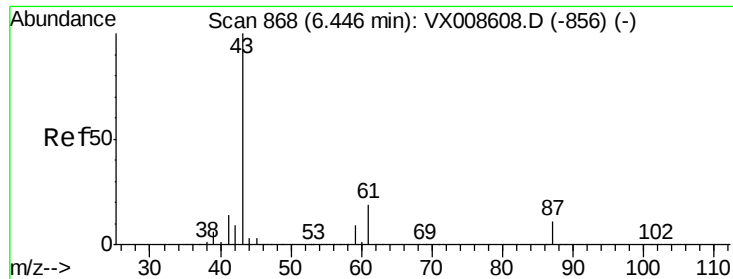


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



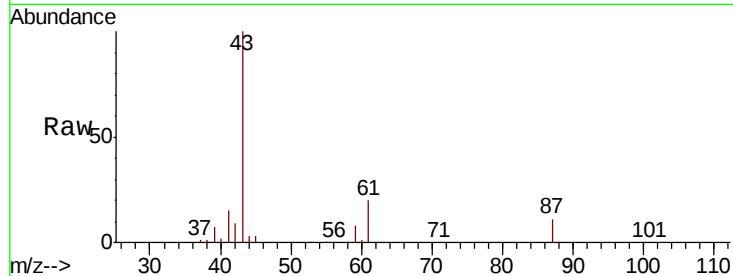


#43

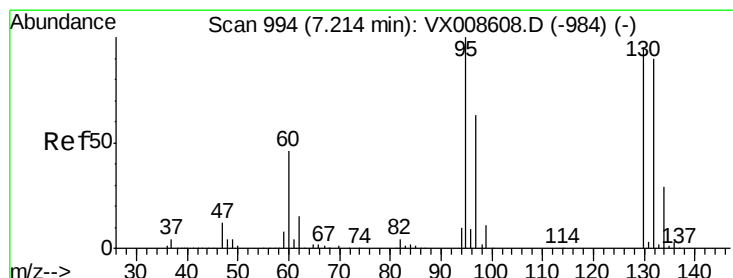
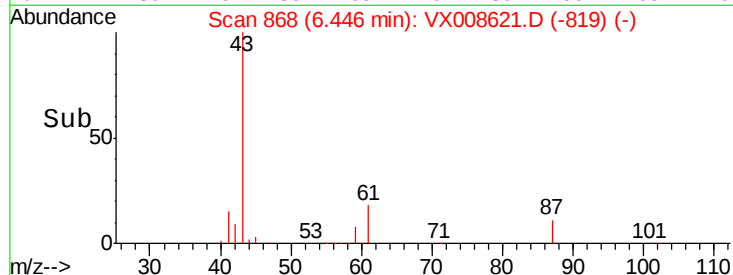
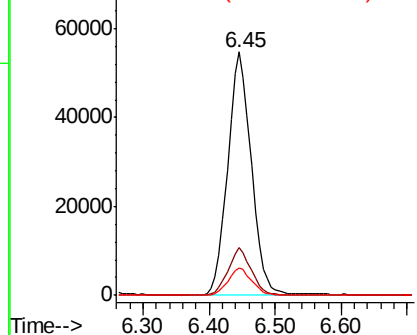
Isopropyl Acetate
 Concen: 18.858 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tot Ion: 43 Resp: 134269
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.3 22.9
 87 11.4 9.0 13.6



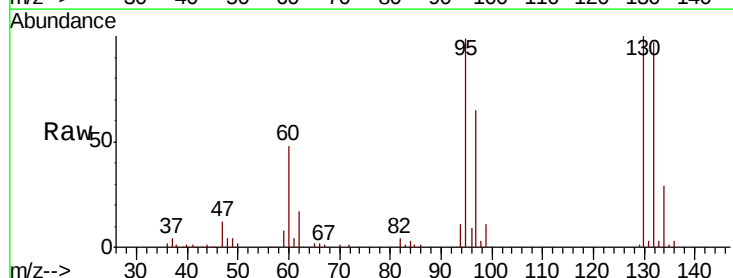
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



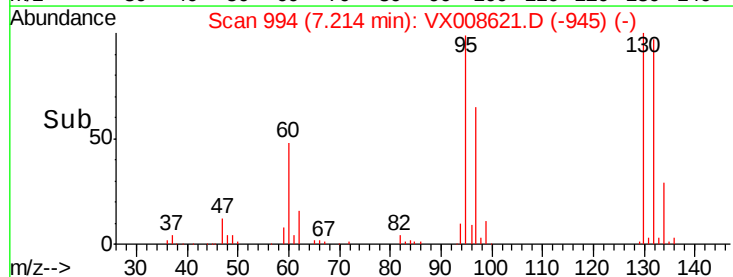
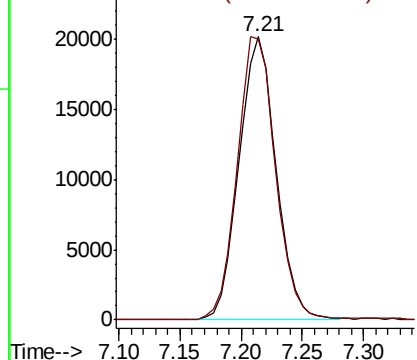
#44

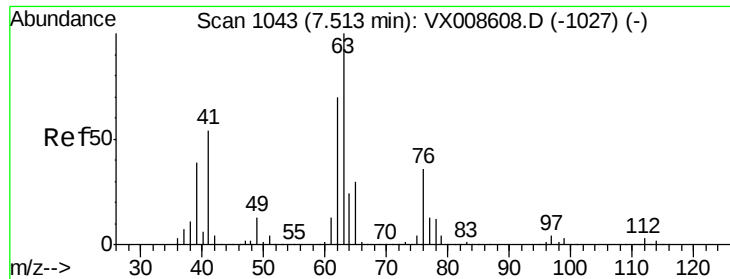
Trichloroethene
 Concen: 17.981 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

Tgt Ion: 130 Resp: 42484
 Ion Ratio Lower Upper
 130 100
 95 99.2 0.0 209.8



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





#45

1,2-Dichloropropane

Concen: 18.213 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

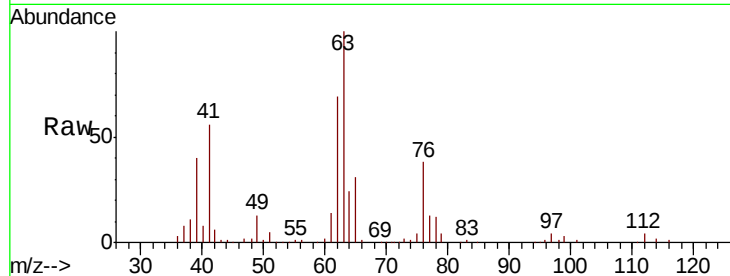
VX0403WBSD01

Tot Ion: 63 Resp: 52735

Ion Ratio Lower Upper

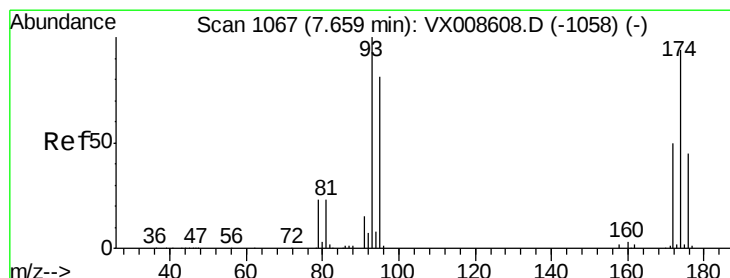
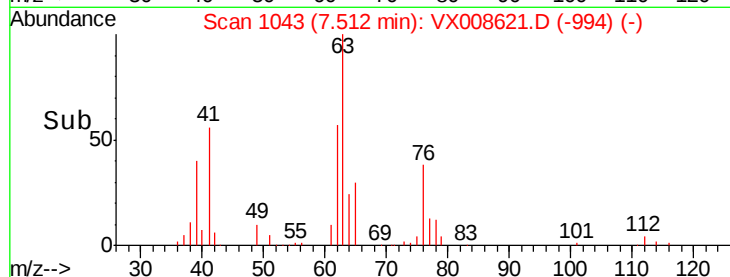
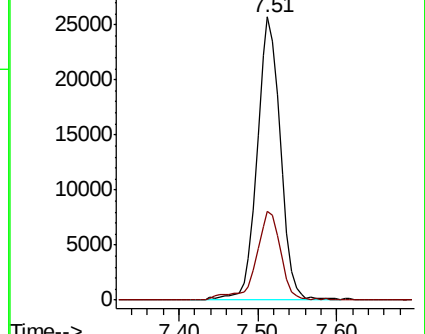
63 100

65 31.5 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.959 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

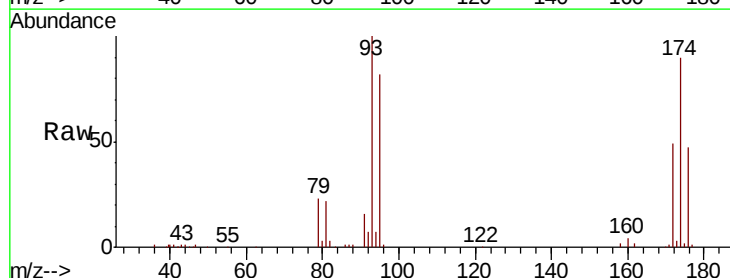
Tgt Ion: 93 Resp: 30159

Ion Ratio Lower Upper

93 100

95 83.9 66.6 99.8

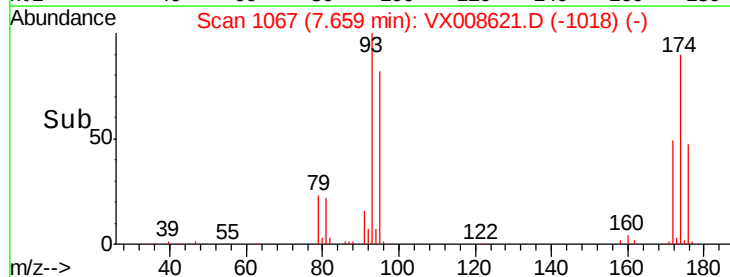
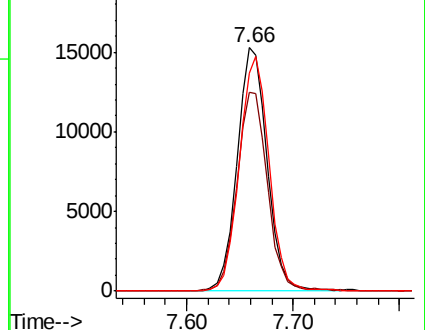
174 96.0 77.7 116.5

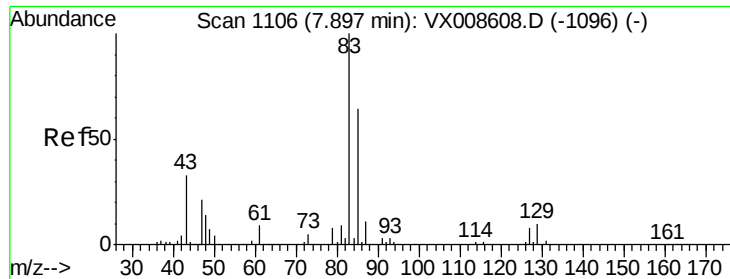


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.253 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

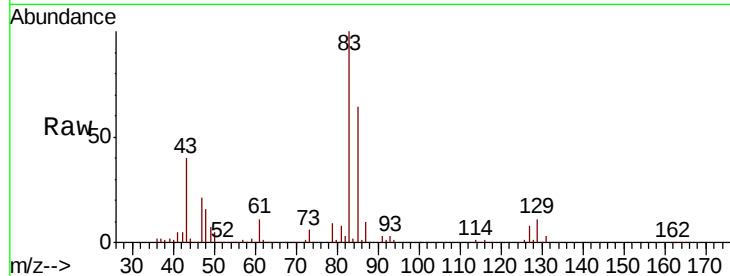
Tot Ion: 83 Resp: 57793

Ion Ratio Lower Upper

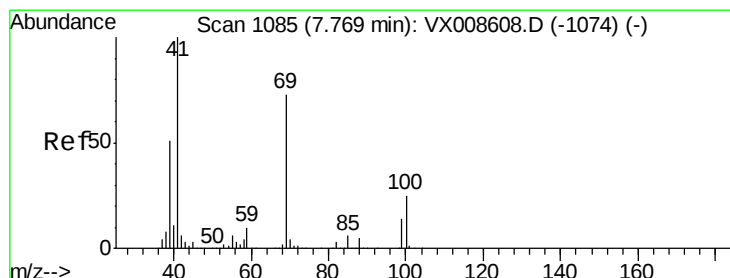
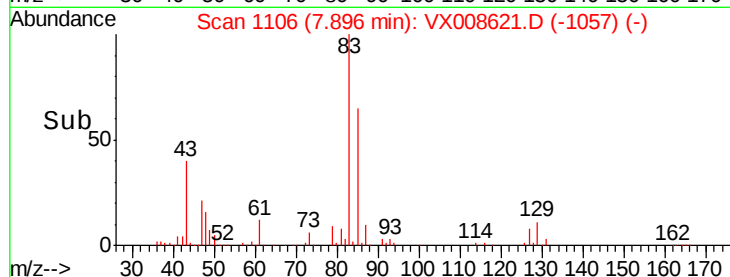
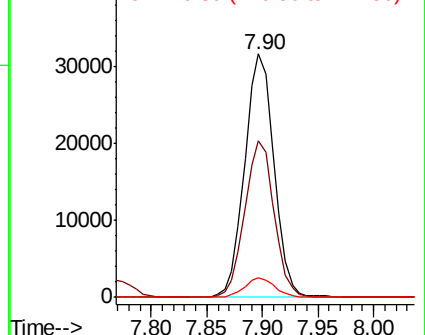
83 100

85 64.5 51.2 76.8

127 7.9 6.6 10.0



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: 18.762 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

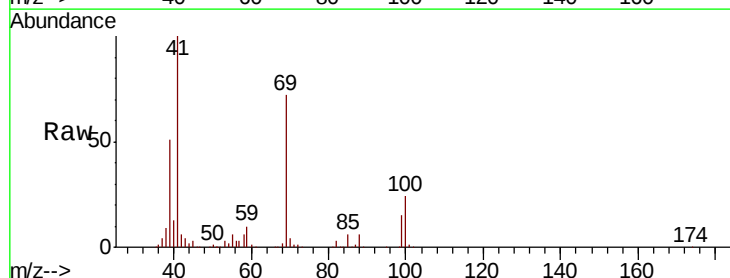
Tgt Ion: 41 Resp: 67572

Ion Ratio Lower Upper

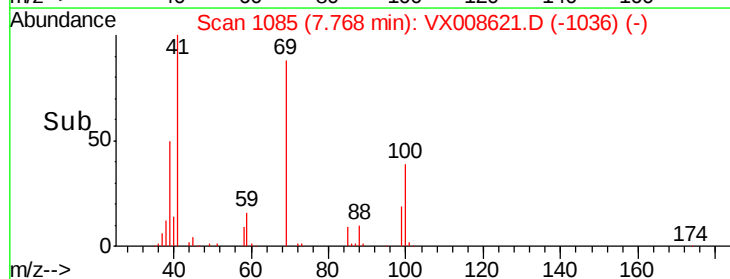
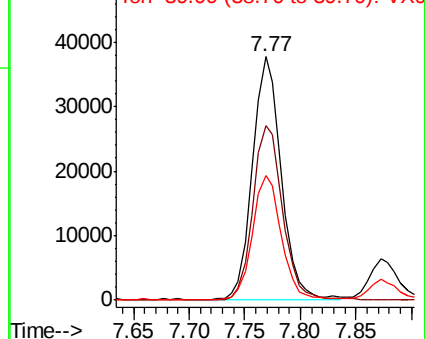
41 100

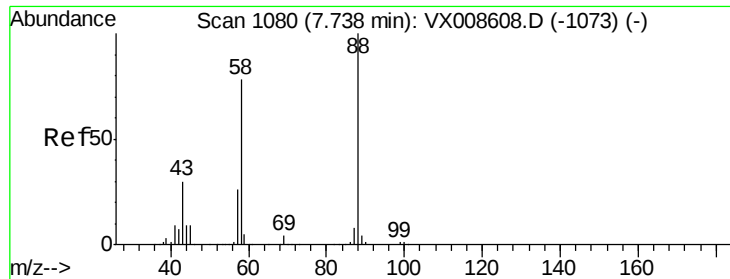
69 74.7 59.0 88.4

39 51.7 41.0 61.4



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: 399.654 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

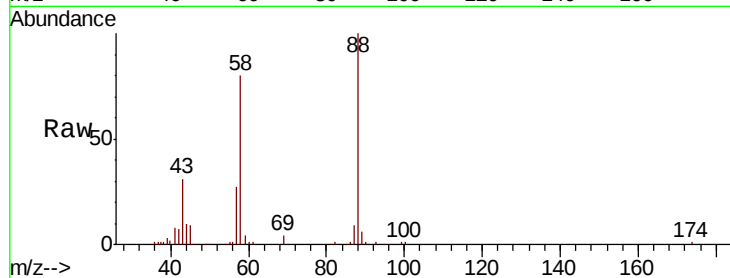
Tot Ion: 88 Resp: 26964

Ion Ratio Lower Upper

88 100

43 37.1 28.6 43.0

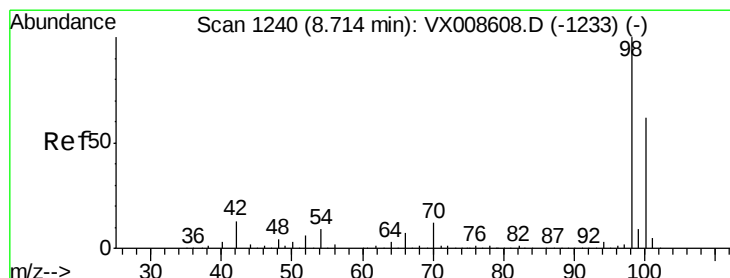
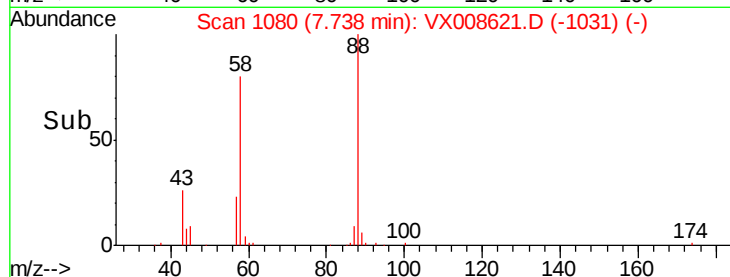
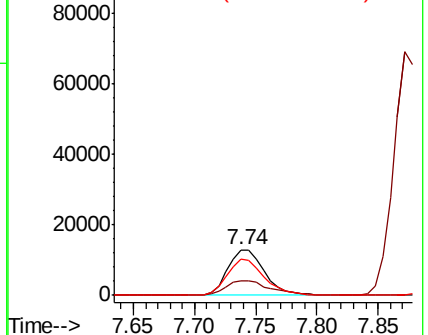
58 81.3 62.2 93.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.496 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008621.D

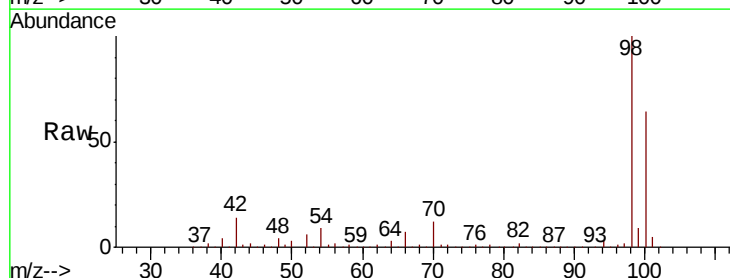
Acq: 03 Apr 2019 18:30

Tgt Ion: 98 Resp: 408379

Ion Ratio Lower Upper

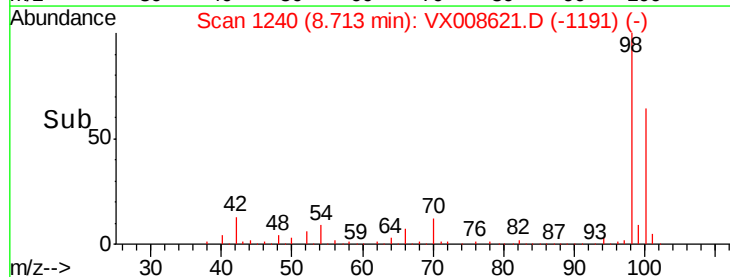
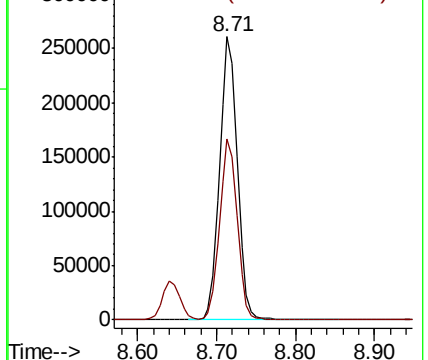
98 100

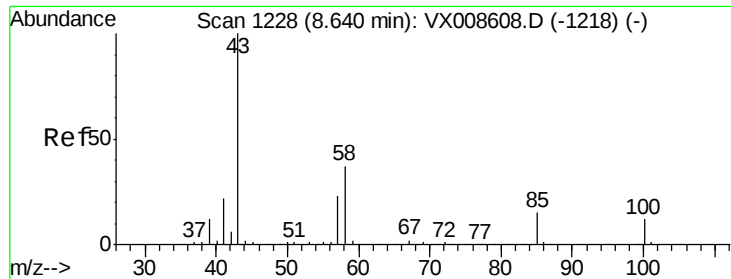
100 63.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 98.603 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

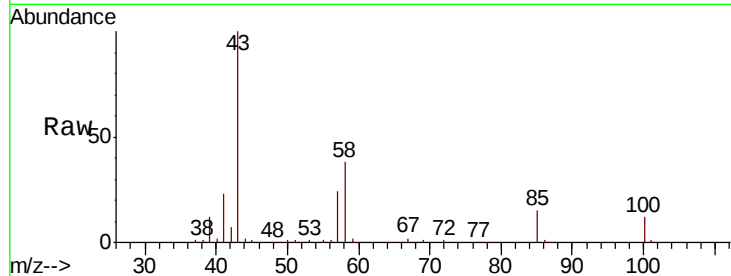
VX0403WBSD01

Tot Ion: 43 Resp: 451933

Ion Ratio Lower Upper

43 100

58 37.3 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

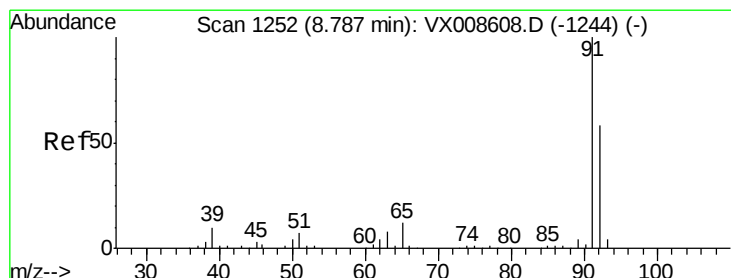
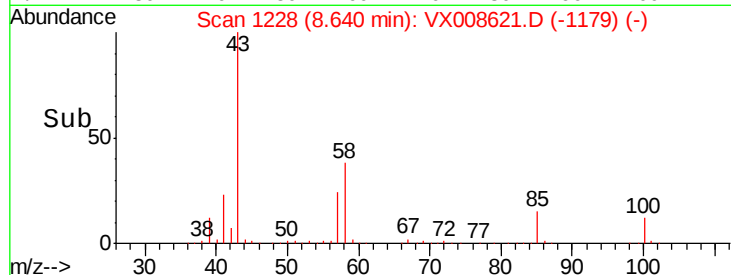
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.608 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008621.D

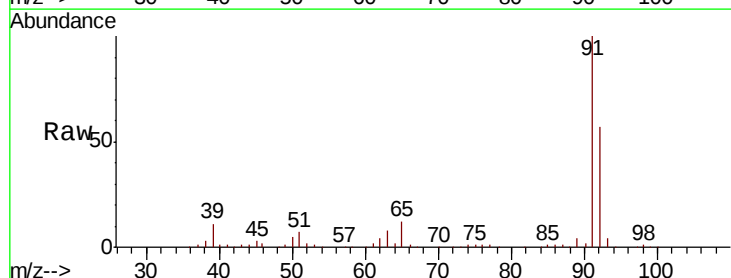
Acq: 03 Apr 2019 18:30

Tgt Ion: 92 Resp: 111284

Ion Ratio Lower Upper

92 100

91 174.1 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

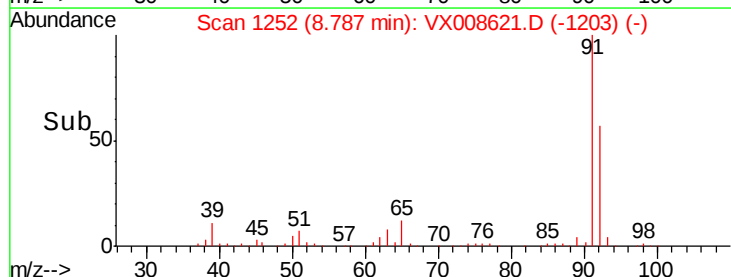
8.79

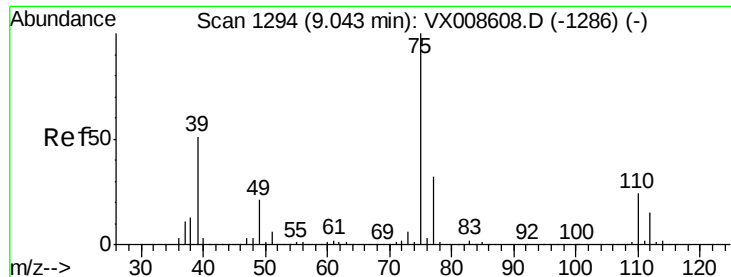
100000

50000

0

Time-->

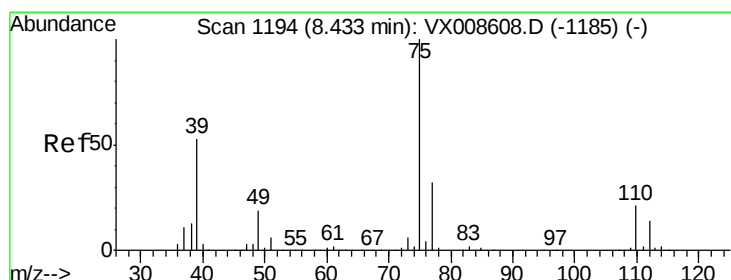
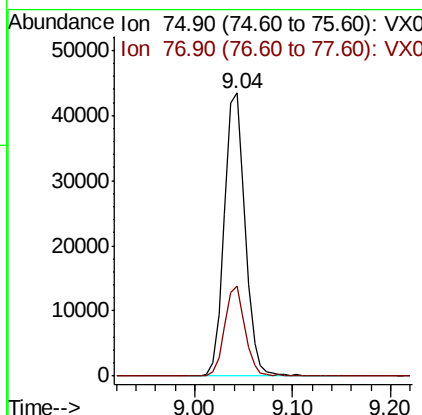
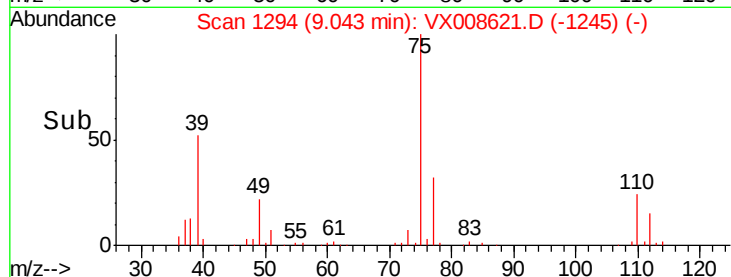
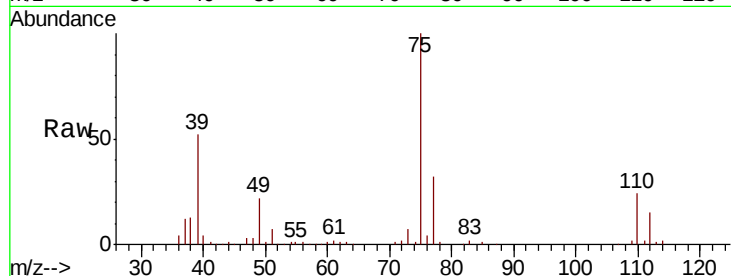




#53
 t-1,3-Dichloropropene
 Concen: 18.157 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

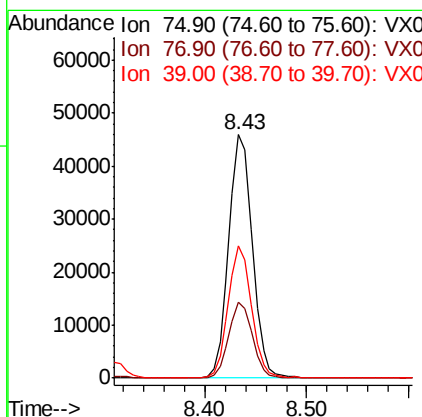
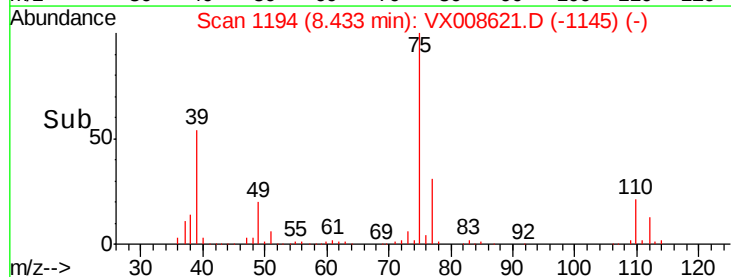
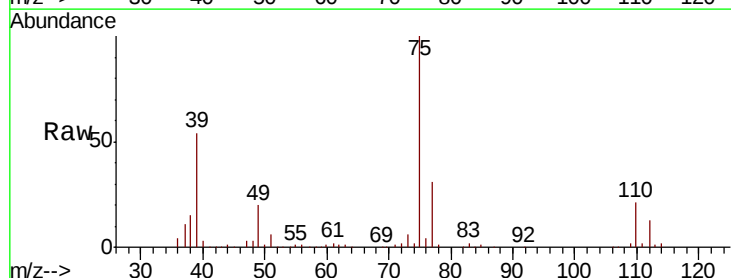
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

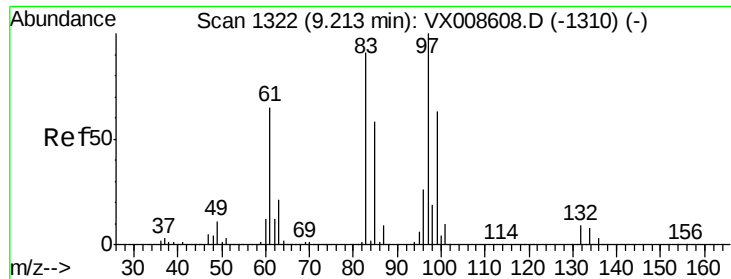
Tot Ion: 75 Resp: 64398
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.213 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

Tgt Ion: 75 Resp: 73812
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9
 39 54.0 42.6 63.8

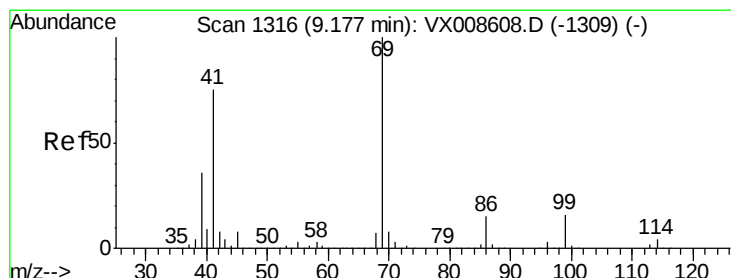
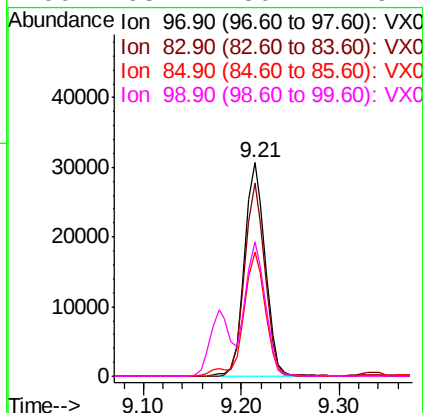
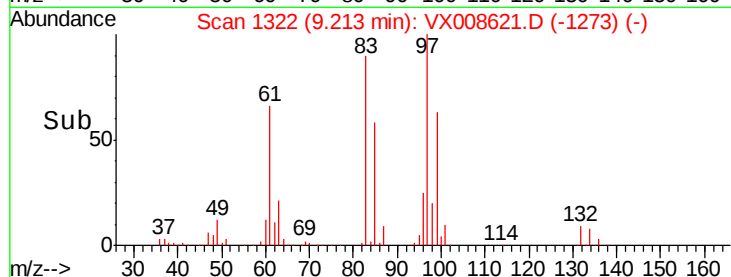
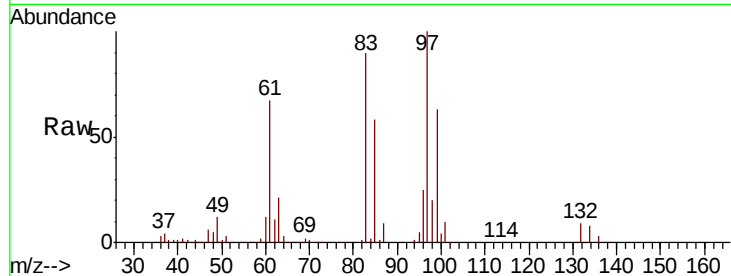




#55
 1,1,2-Trichloroethane
 Concen: 18.880 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

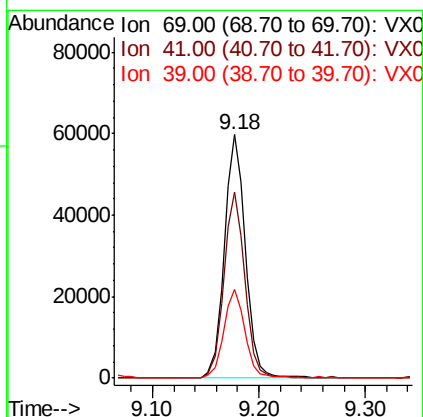
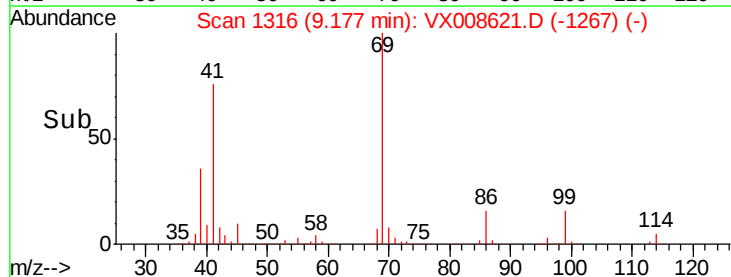
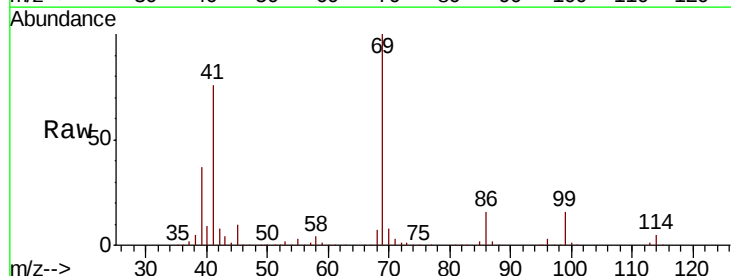
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

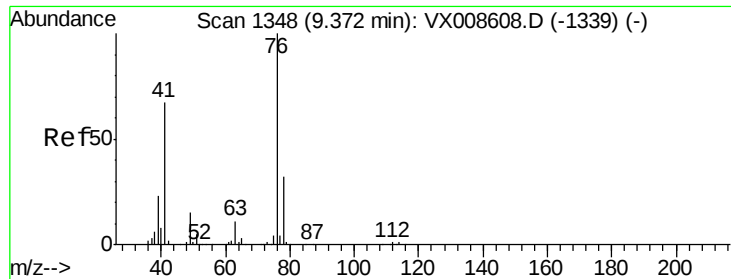
Tot Ion: 97 Resp: 45323
 Ion Ratio Lower Upper
 97 100
 83 90.4 73.2 109.8
 85 57.9 46.6 69.8
 99 63.2 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 19.034 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

Tgt Ion: 69 Resp: 82674
 Ion Ratio Lower Upper
 69 100
 41 75.5 60.1 90.1
 39 36.0 28.9 43.3





#57

1,3-Dichloropropane

Concen: 18.891 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

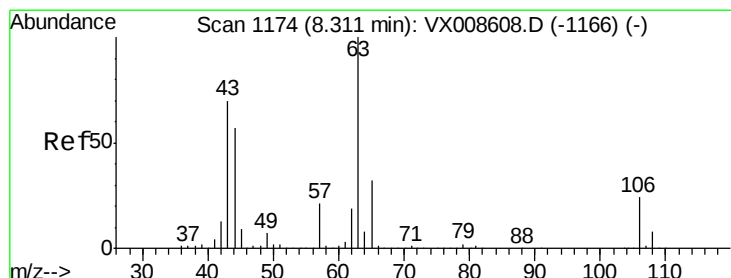
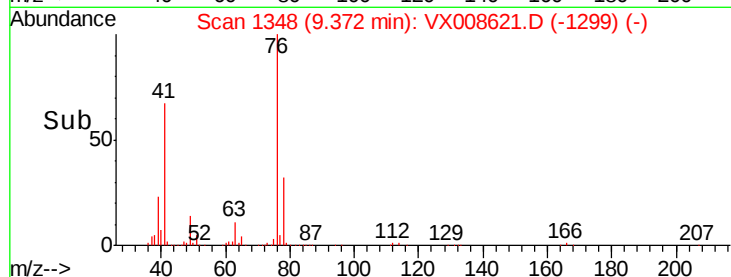
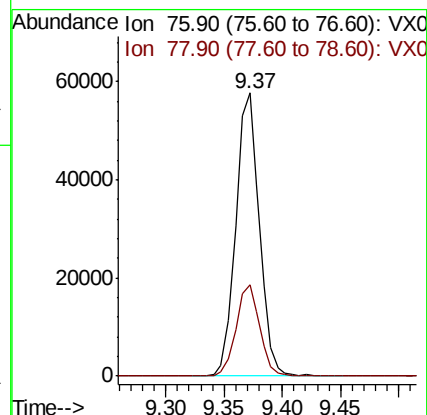
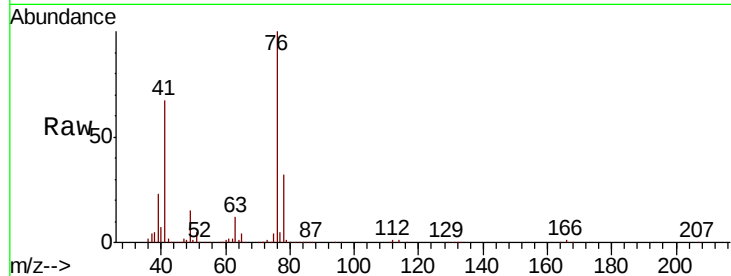
VX0403WBSD01

Tot Ion: 76 Resp: 81434

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 104.882 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008621.D

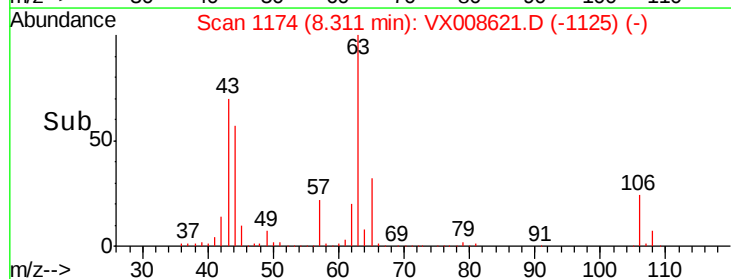
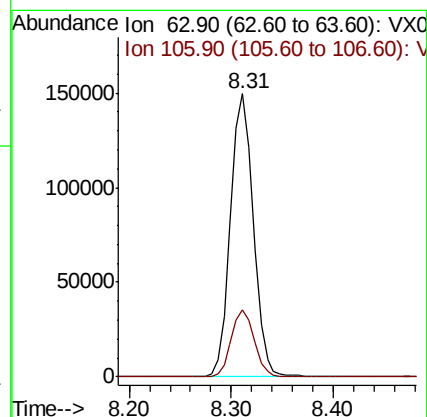
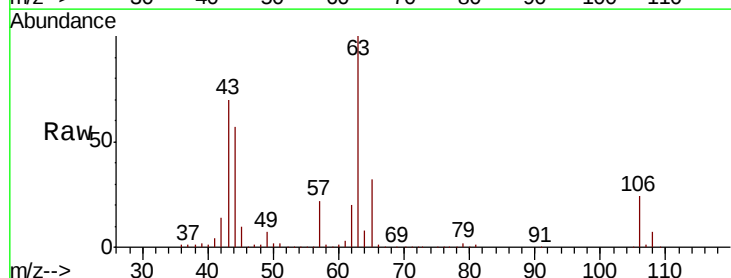
Acq: 03 Apr 2019 18:30

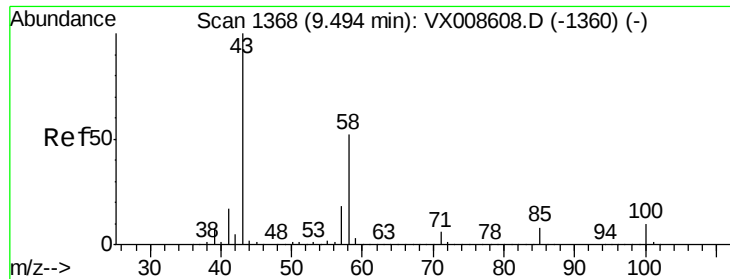
Tgt Ion: 63 Resp: 232615

Ion Ratio Lower Upper

63 100

106 23.7 19.0 28.6

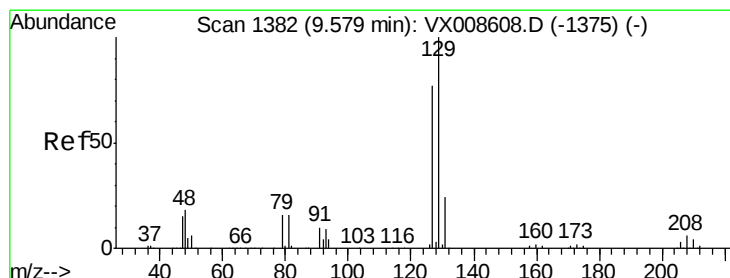
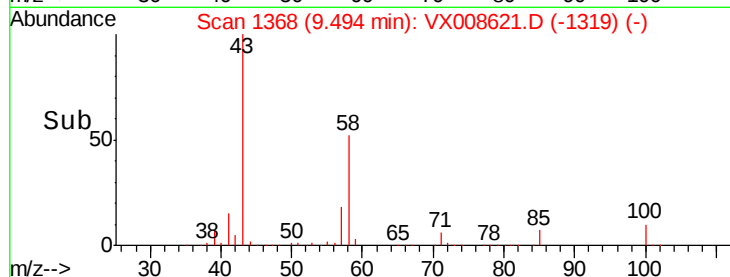
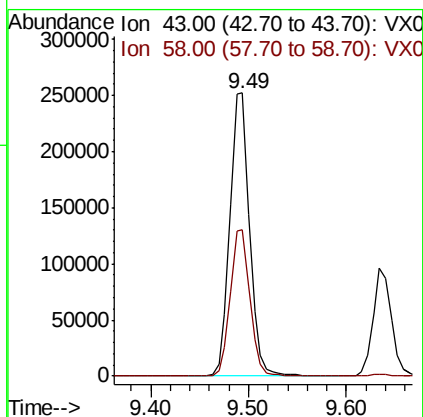
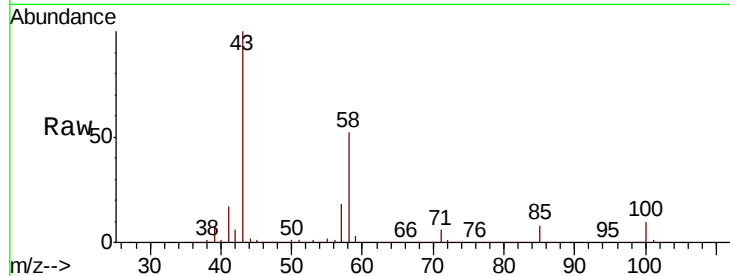




#59
2-Hexanone
Concen: 98.956 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

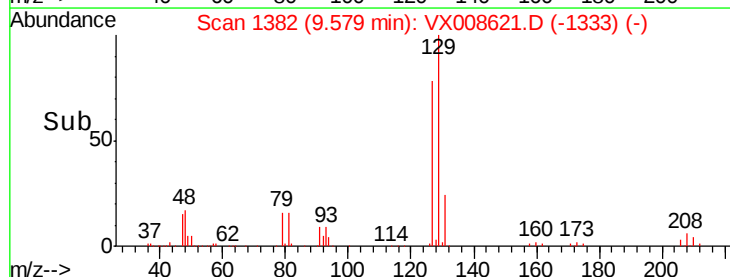
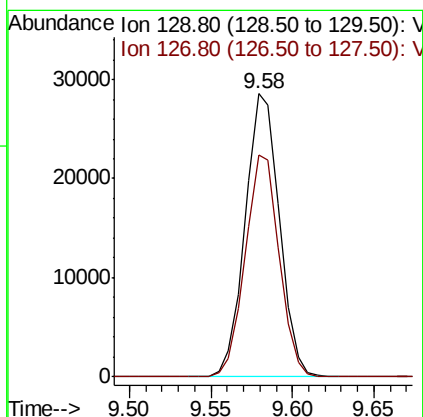
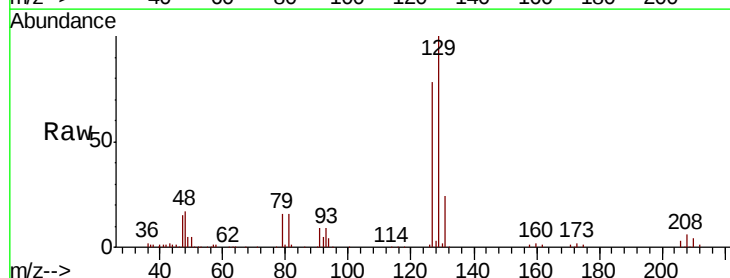
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

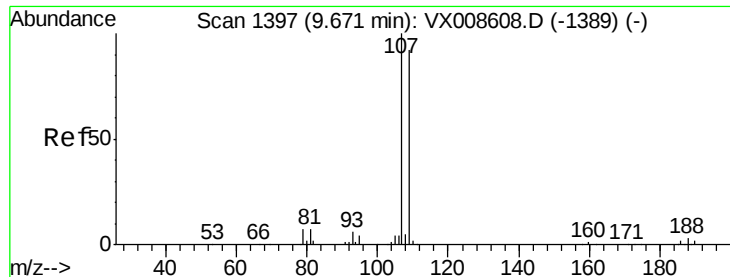
Tot Ion: 43 Resp: 352474
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.7



#60
Dibromochloromethane
Concen: 18.493 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

Tgt Ion: 129 Resp: 41835
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.650 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

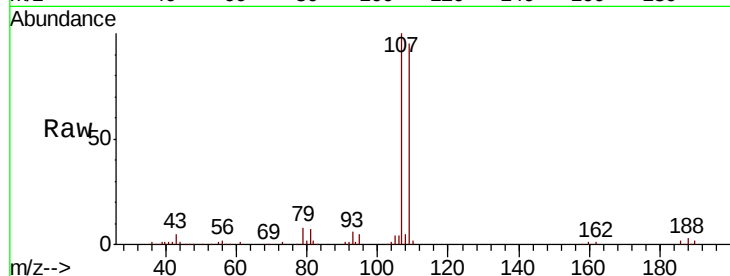
VX0403WBSD01

Tot Ion:107 Resp: 46610

Ion Ratio Lower Upper

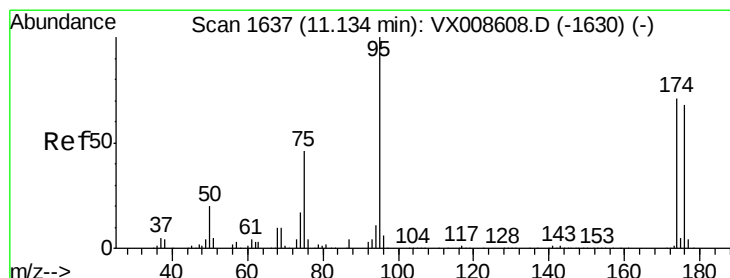
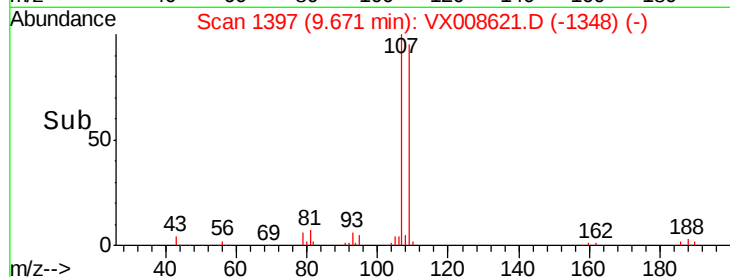
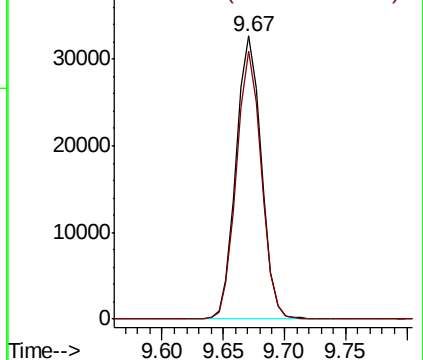
107 100

109 93.6 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.873 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

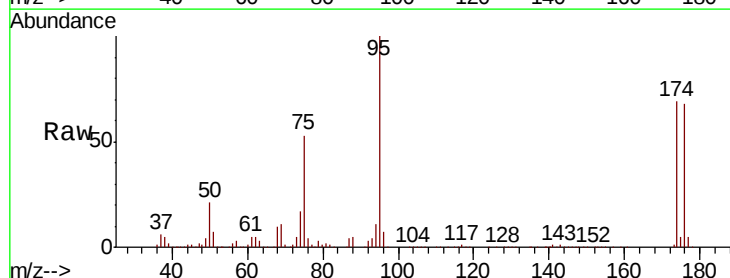
Tgt Ion: 95 Resp: 145878

Ion Ratio Lower Upper

95 100

174 75.8 0.0 151.8

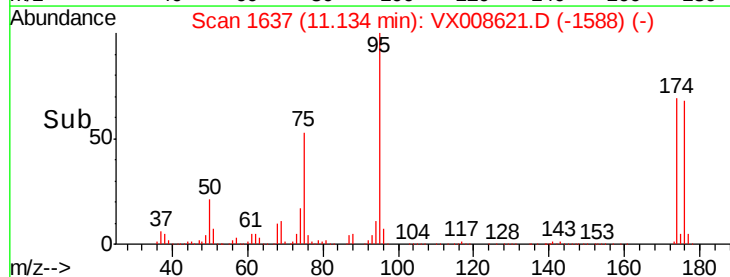
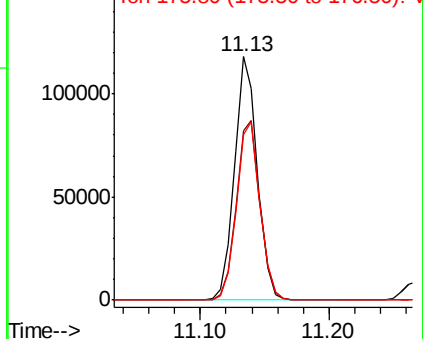
176 74.7 0.0 145.8

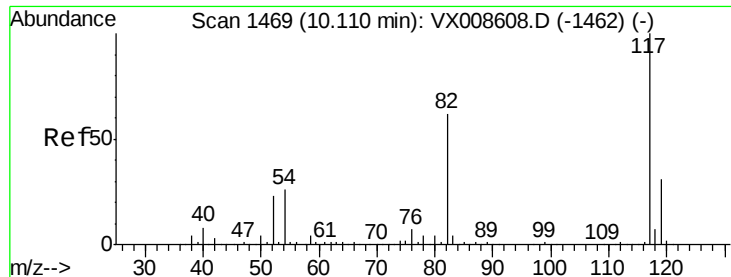


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

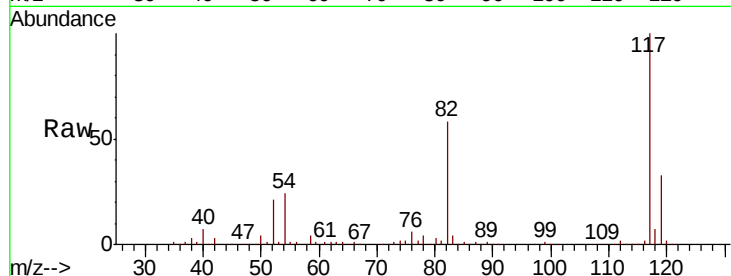




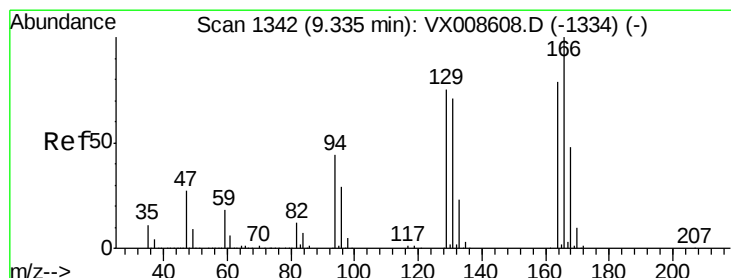
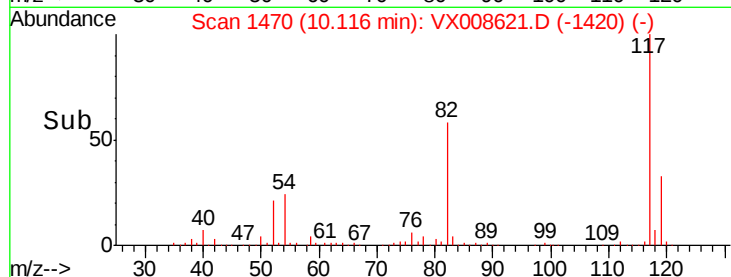
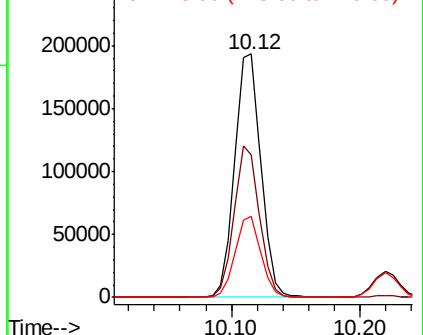
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tot Ion:117 Resp: 275131
Ion Ratio Lower Upper
117 100
82 58.4 49.6 74.4
119 33.1 25.0 37.4



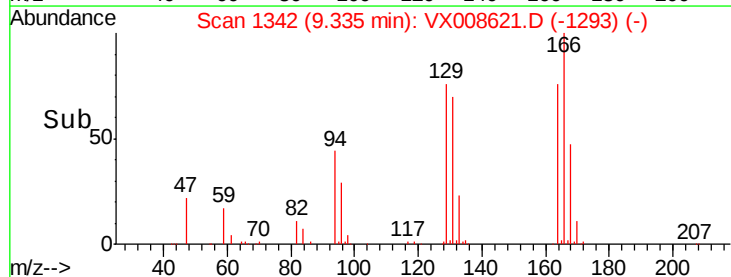
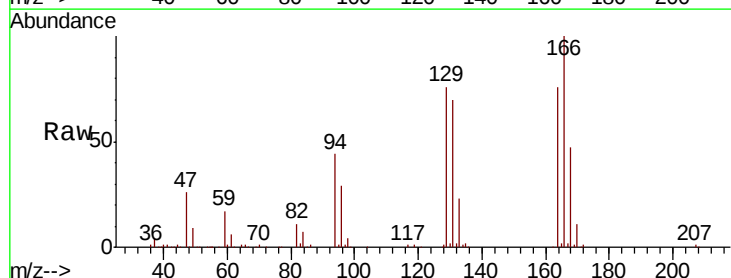
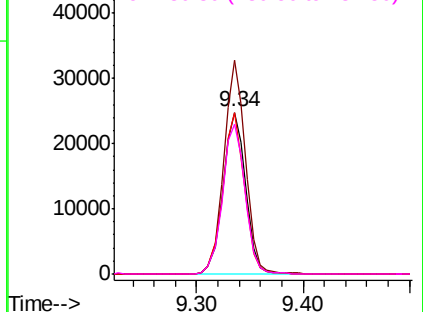
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

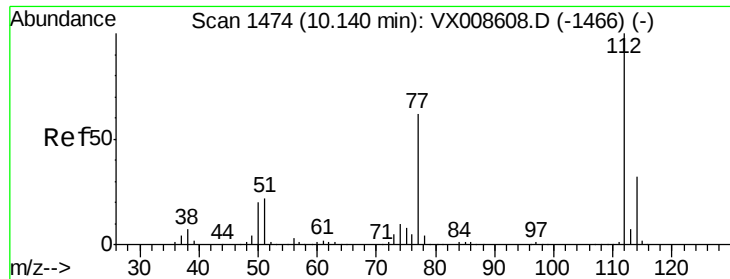


#64
Tetrachloroethene
Concen: 17.945 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

Tgt Ion:164 Resp: 36579
Ion Ratio Lower Upper
164 100
166 132.4 101.0 151.6
129 100.4 75.8 113.8
131 92.7 71.8 107.8

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





#65

Chlorobenzene

Concen: 18.288 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

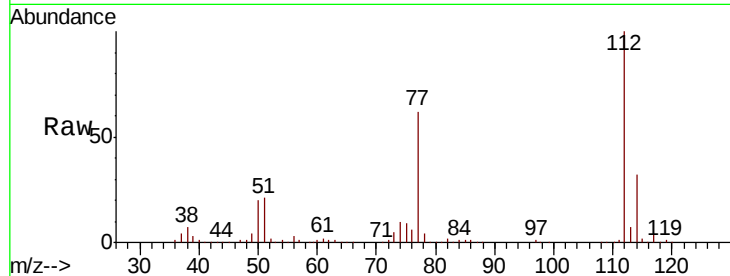
VX0403WBSD01

Tot Ion:112 Resp: 111534

Ion Ratio Lower Upper

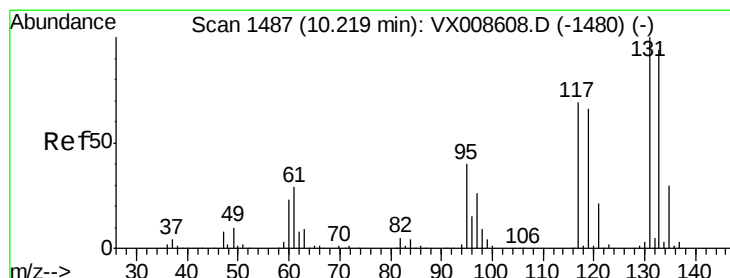
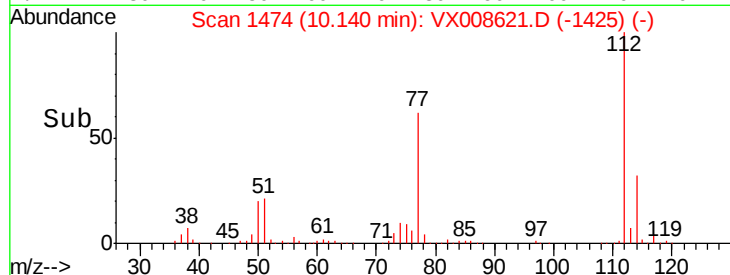
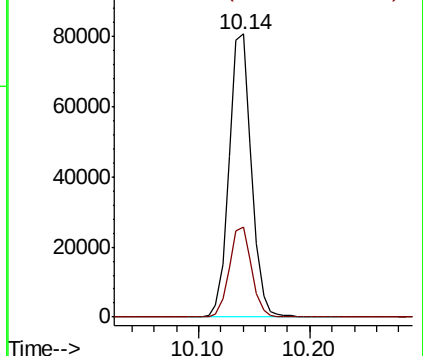
112 100

114 32.0 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.190 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

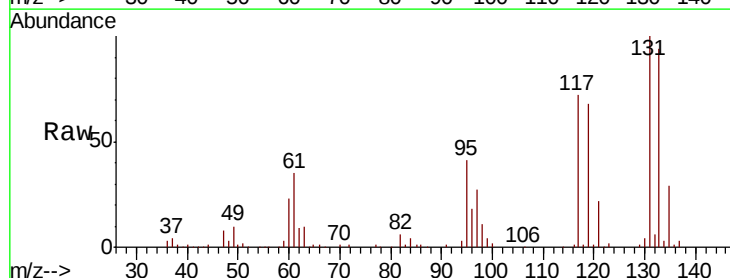
Tgt Ion:131 Resp: 38919

Ion Ratio Lower Upper

131 100

133 96.3 47.0 141.2

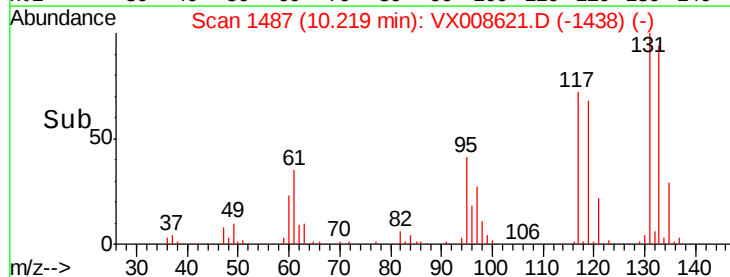
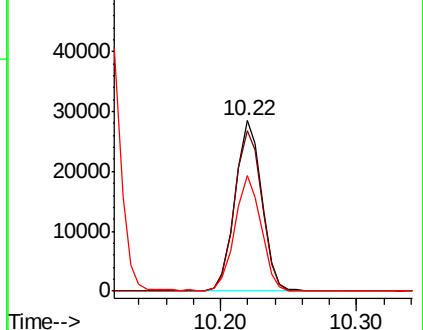
119 66.6 33.7 101.0

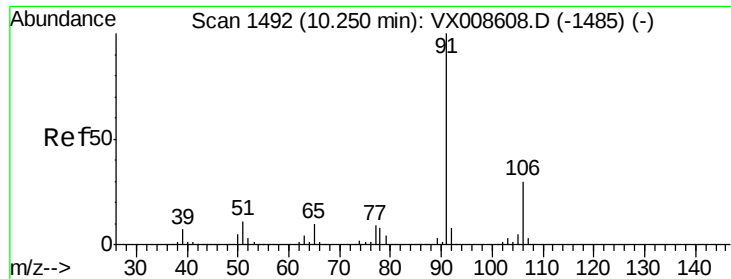


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.560 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampled :

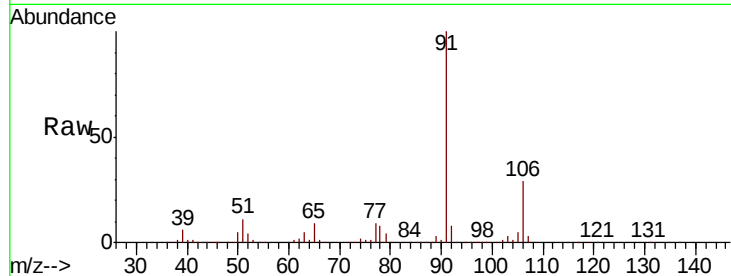
VX0403WBSD01

Tot Ion: 91 Resp: 211071

Ion Ratio Lower Upper

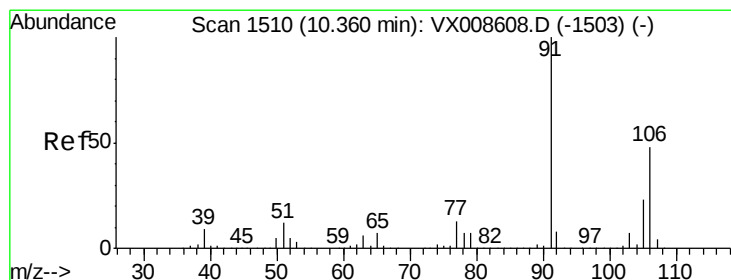
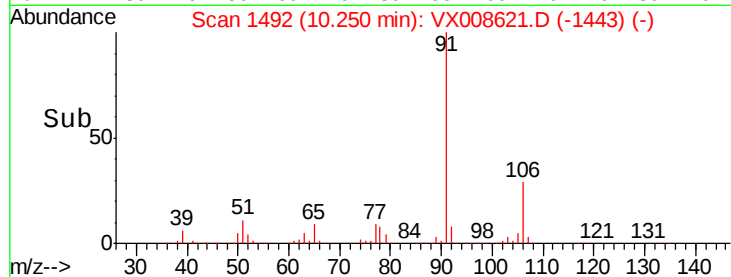
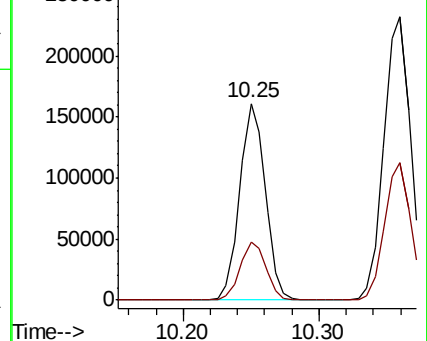
91 100

106 29.3 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.235 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008621.D

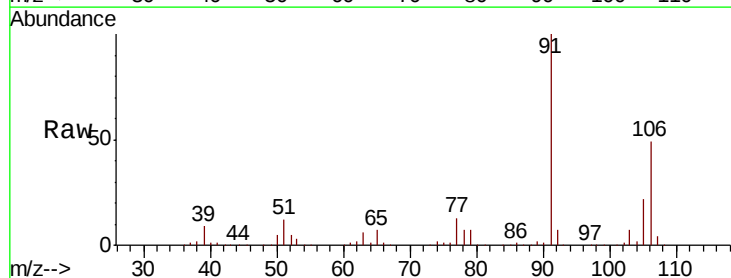
Acq: 03 Apr 2019 18:30

Tgt Ion:106 Resp: 152253

Ion Ratio Lower Upper

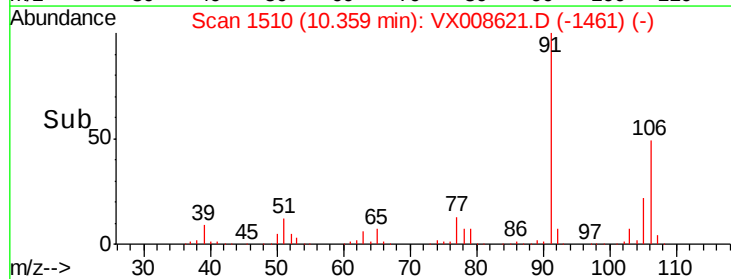
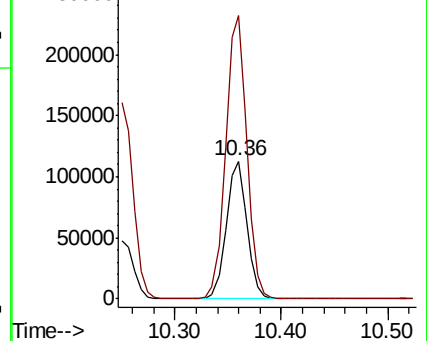
106 100

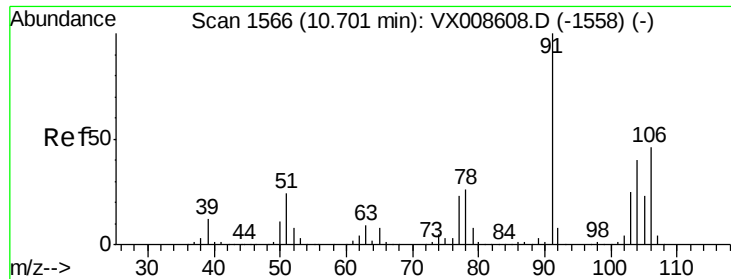
91 210.0 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

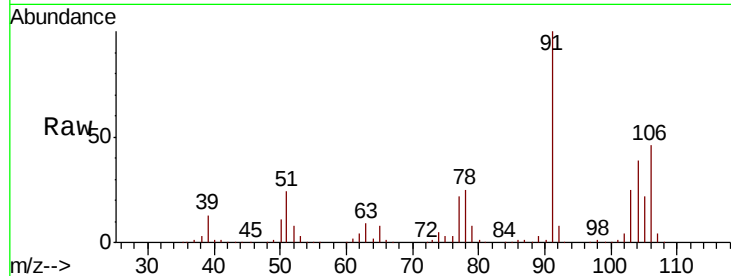




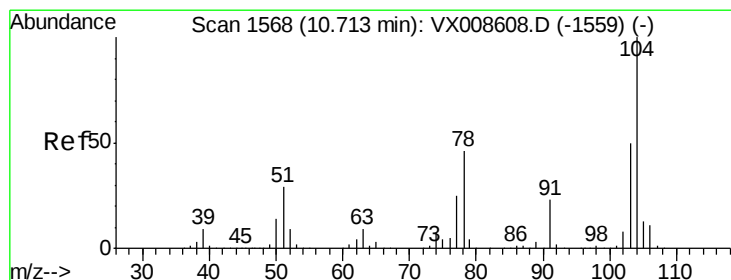
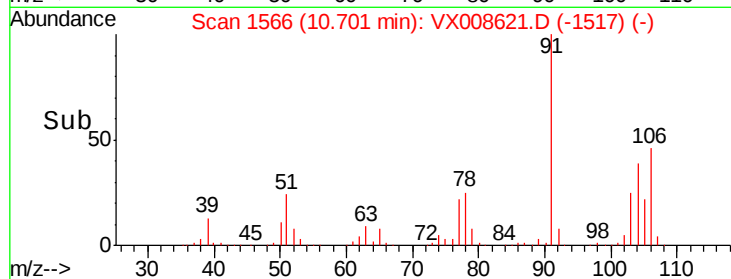
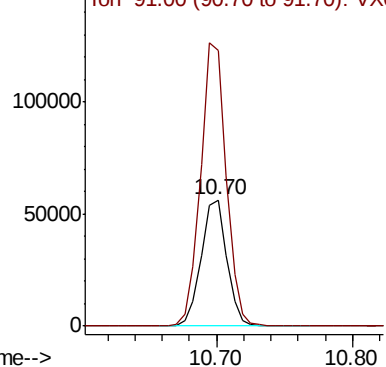
#69
o-Xylene
Concen: 18.683 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tot Ion:106 Resp: 74033
Ion Ratio Lower Upper
106 100
91 224.0 111.5 334.4

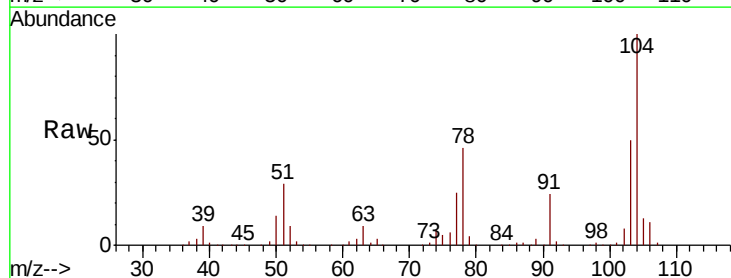


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

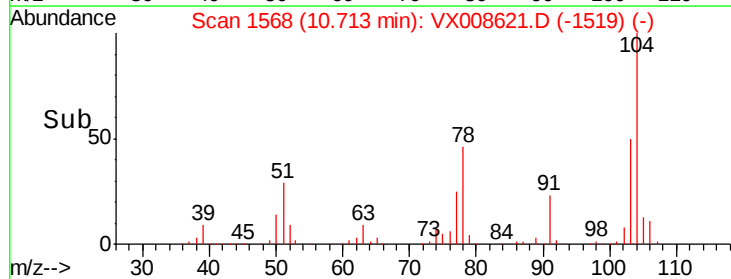
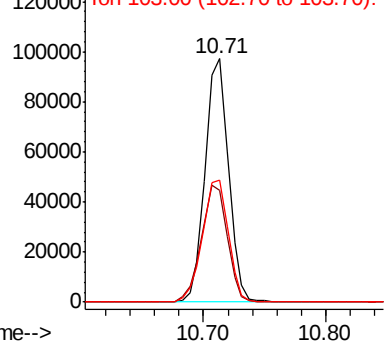


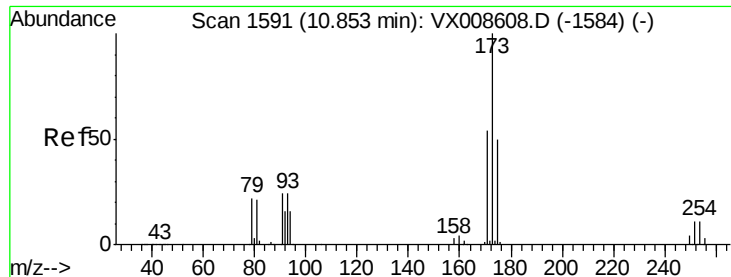
#70
Styrene
Concen: 18.771 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

Tgt Ion:104 Resp: 128215
Ion Ratio Lower Upper
104 100
78 53.5 42.3 63.5
103 55.8 44.4 66.6



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: 18.295 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

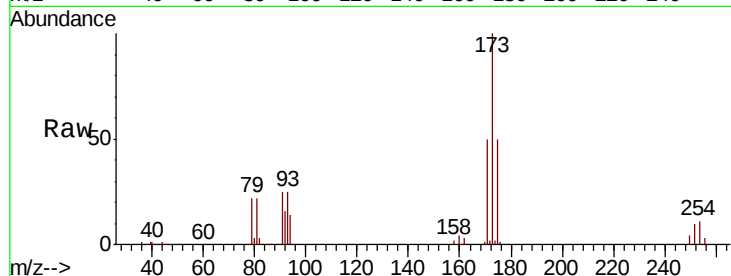
Tot Ion:173 Resp: 29896

Ion Ratio Lower Upper

173 100

175 49.4 24.9 74.6

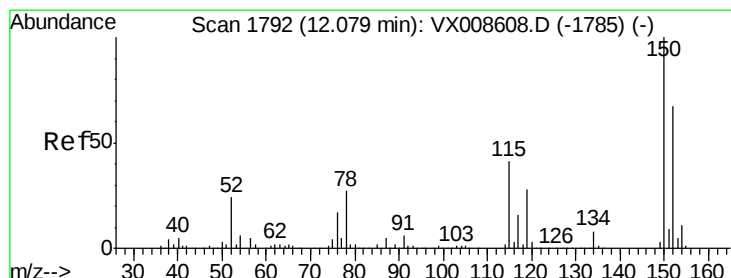
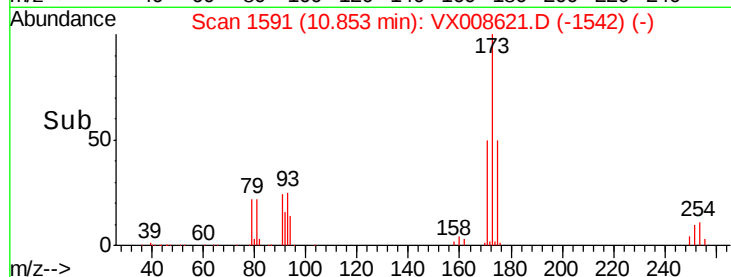
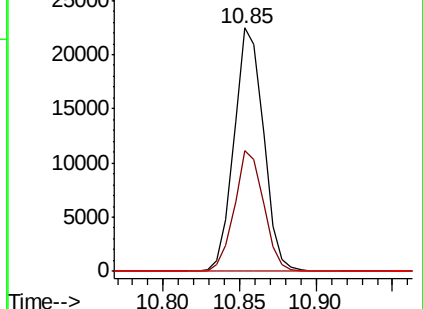
254 0.0 0.1 0.1#



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: VX008621.D

Acq: 03 Apr 2019 18:30

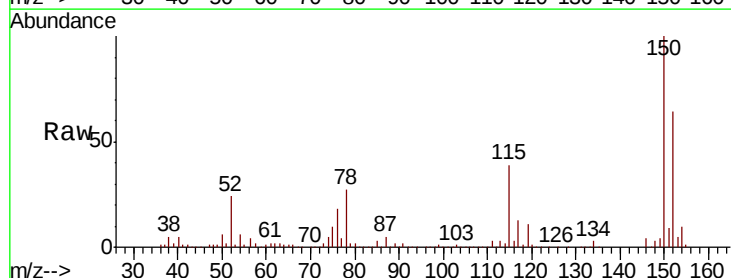
Tgt Ion:152 Resp: 124749

Ion Ratio Lower Upper

152 100

115 70.6 43.5 130.5

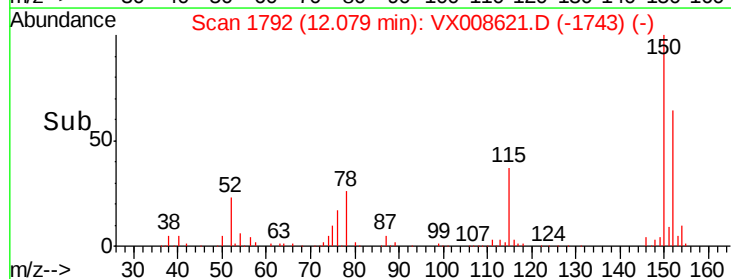
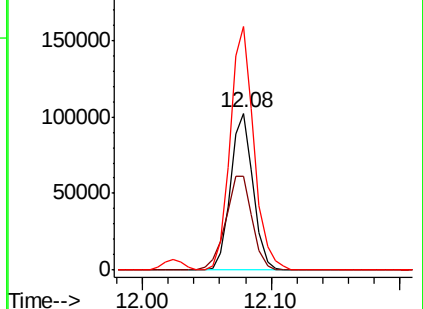
150 163.7 0.0 348.8

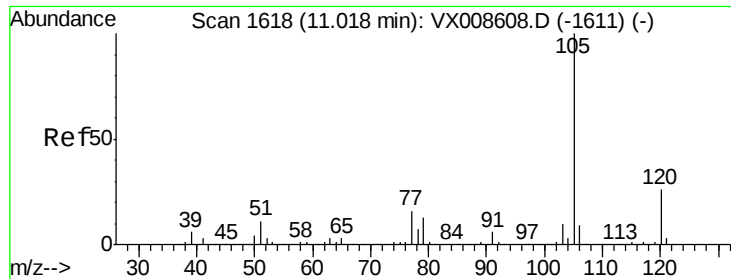


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.306 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

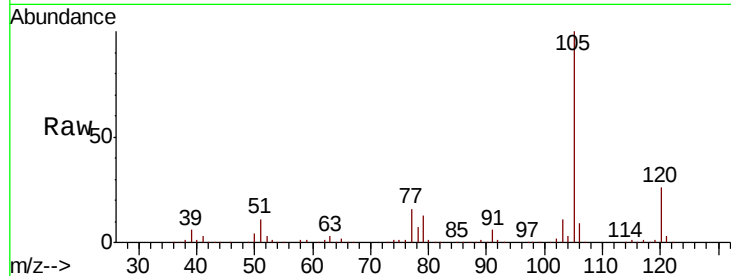
VX0403WBSD01

Tot Ion:105 Resp: 199593

Ion Ratio Lower Upper

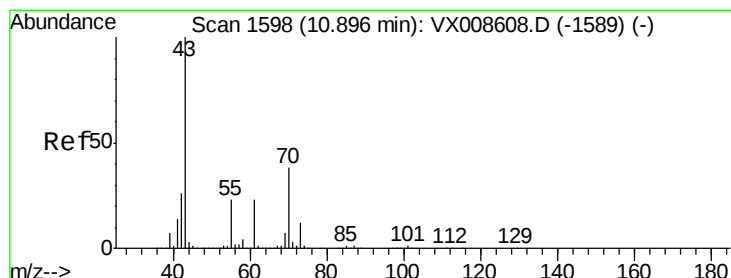
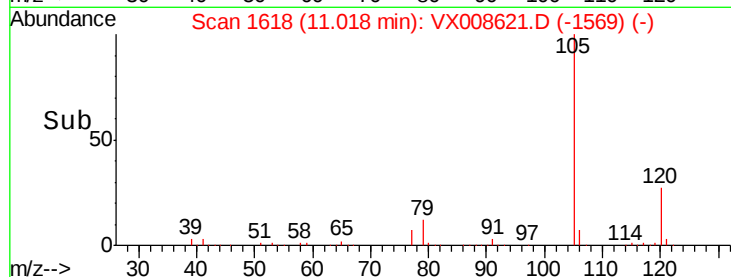
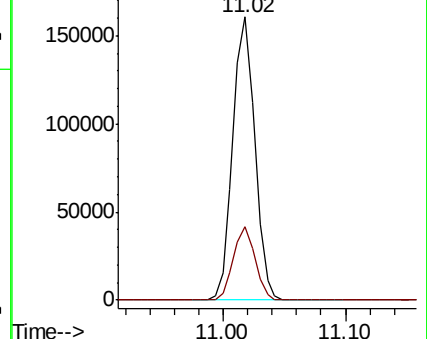
105 100

120 25.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.522 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Tgt Ion: 43 Resp: 118745

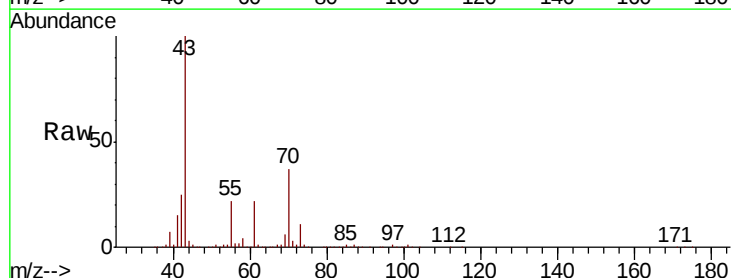
Ion Ratio Lower Upper

43 100

70 37.5 30.2 45.4

55 22.9 18.2 27.4

61 22.4 18.6 28.0

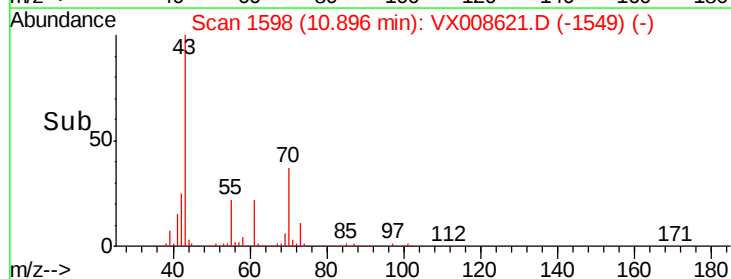
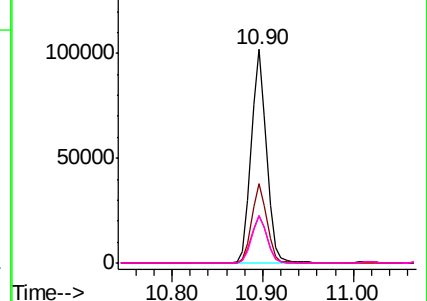


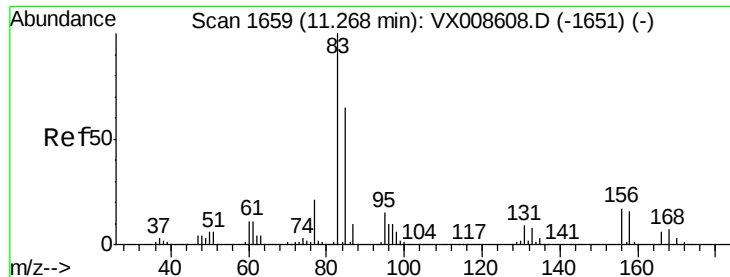
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.478 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

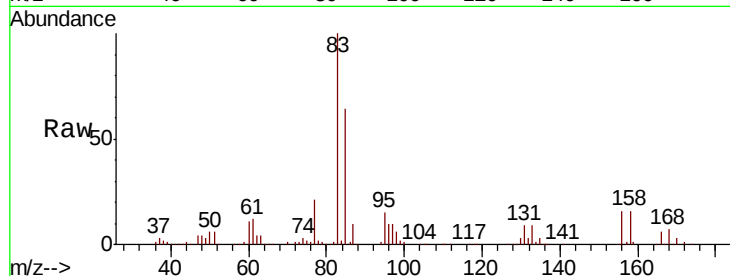
Tot Ion: 83 Resp: 76586

Ion Ratio Lower Upper

83 100

131 8.7 4.5 13.7

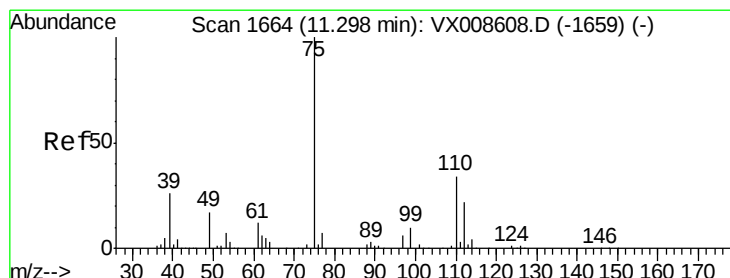
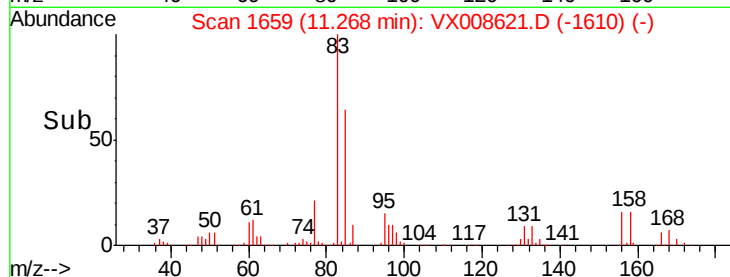
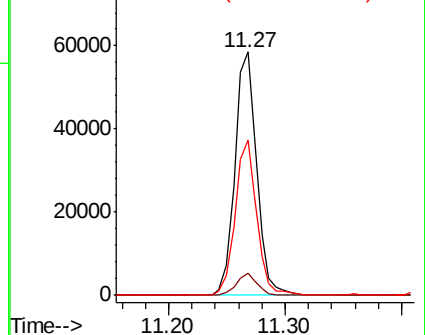
85 63.0 32.0 96.2



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: 25.123 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008621.D

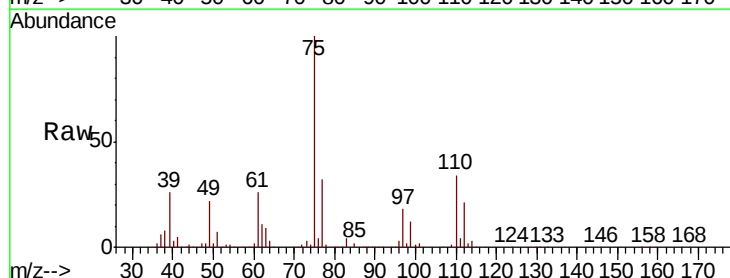
Acq: 03 Apr 2019 18:30

Tgt Ion: 75 Resp: 86095

Ion Ratio Lower Upper

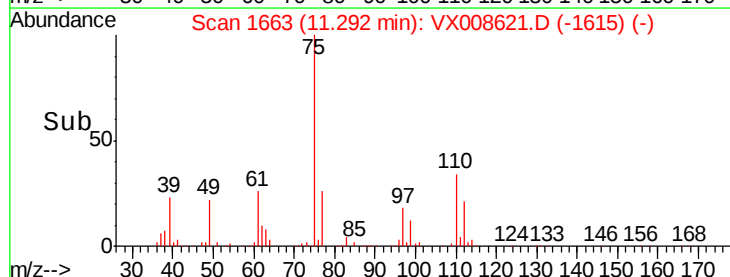
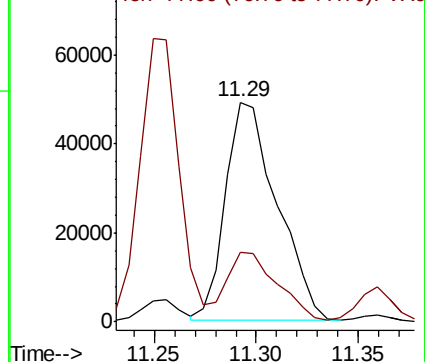
75 100

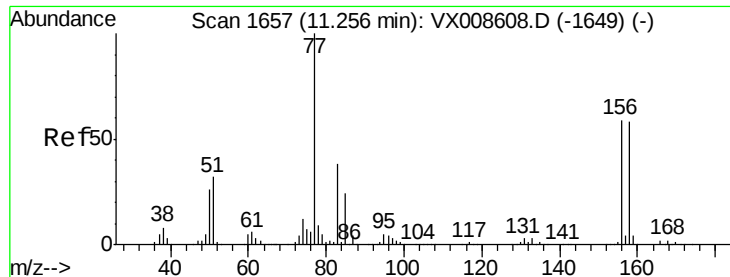
77 32.1 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.057 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

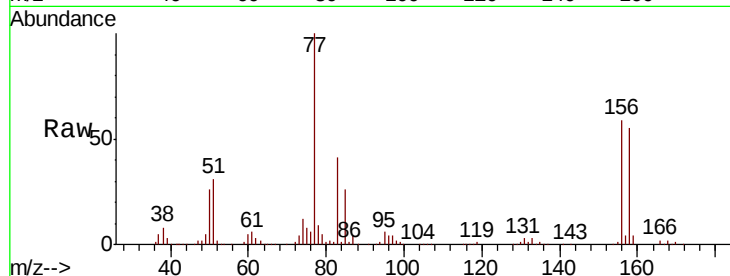
Tot Ion:156 Resp: 47363

Ion Ratio Lower Upper

156 100

77 178.7 89.8 269.6

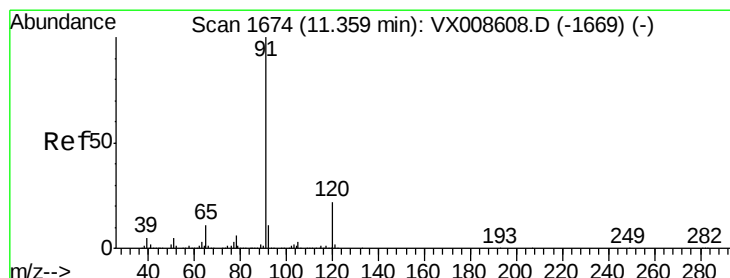
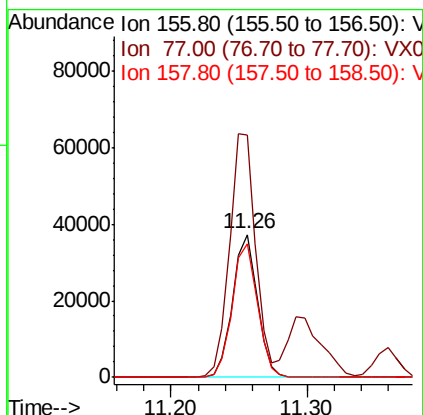
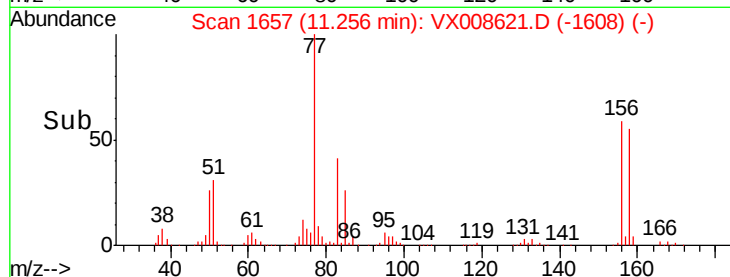
158 95.4 48.6 145.9



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: 18.935 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008621.D

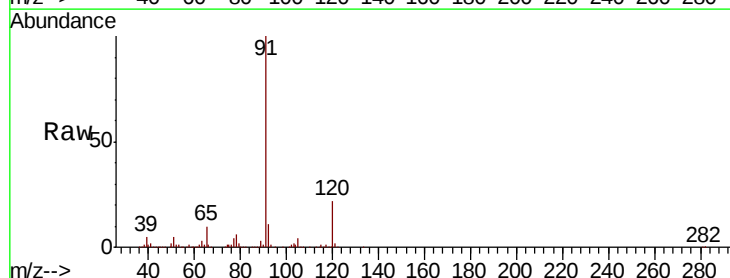
Acq: 03 Apr 2019 18:30

Tgt Ion: 91 Resp: 227928

Ion Ratio Lower Upper

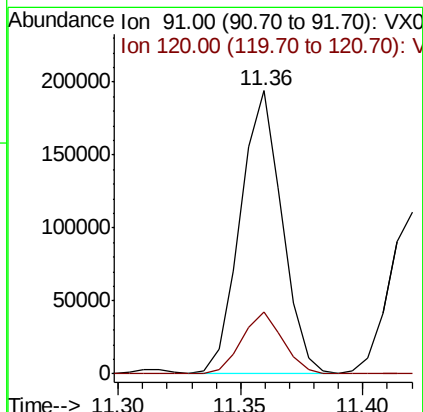
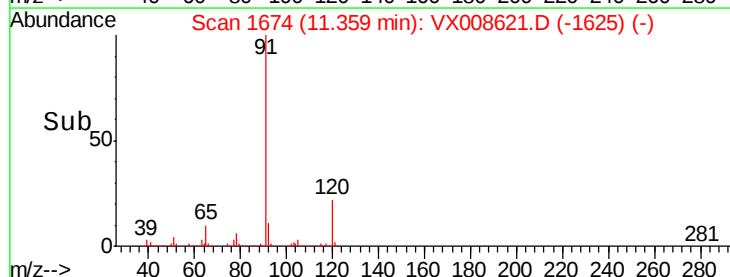
91 100

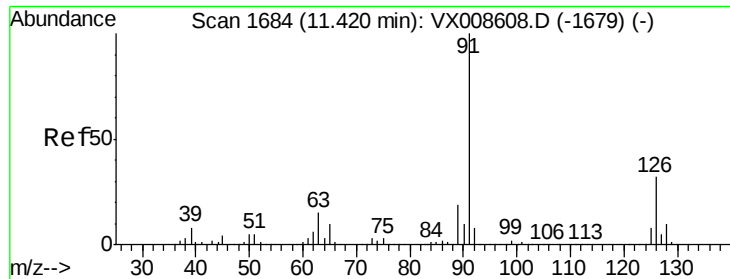
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

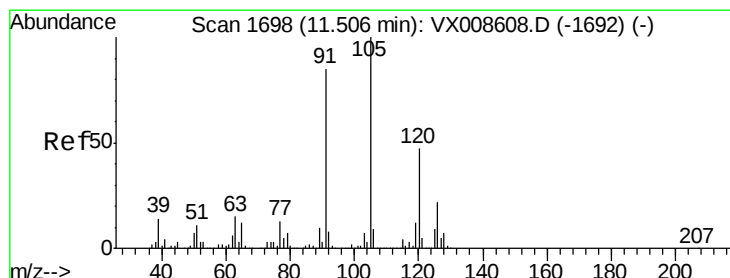
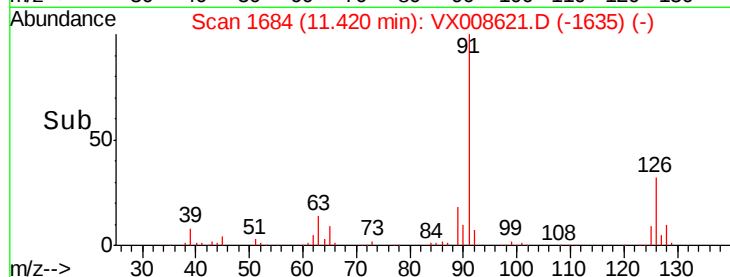
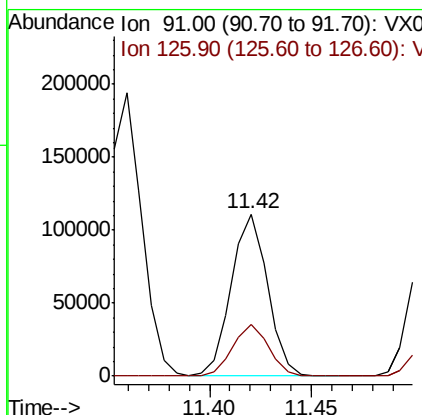
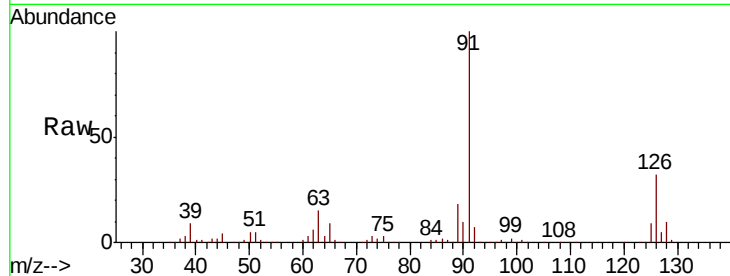




#79
 2-Chlorotoluene
 Concen: 18.707 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

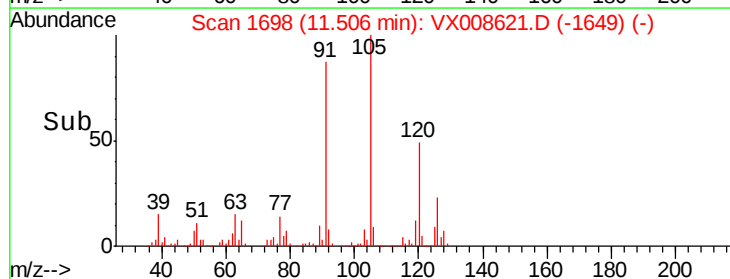
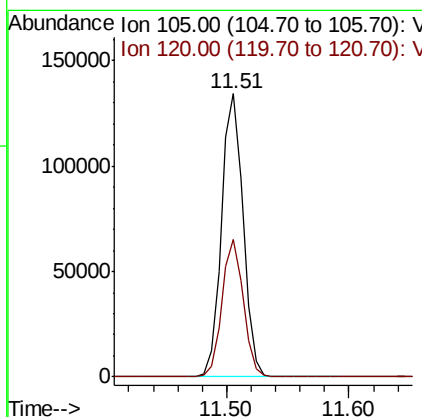
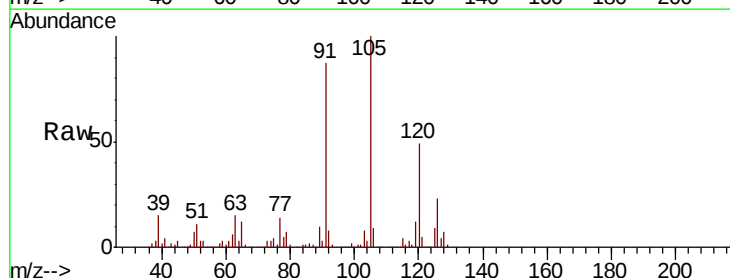
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

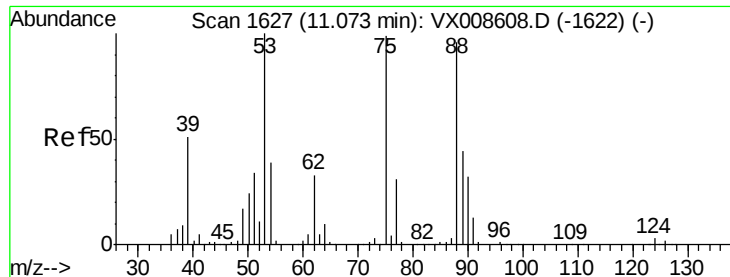
Tot Ion: 91 Resp: 136277
 Ion Ratio Lower Upper
 91 100
 126 31.8 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.951 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

Tgt Ion:105 Resp: 164457
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.534 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

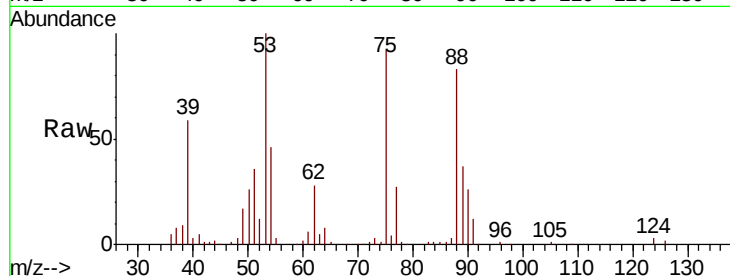
Tot Ion: 75 Resp: 23042

Ion Ratio Lower Upper

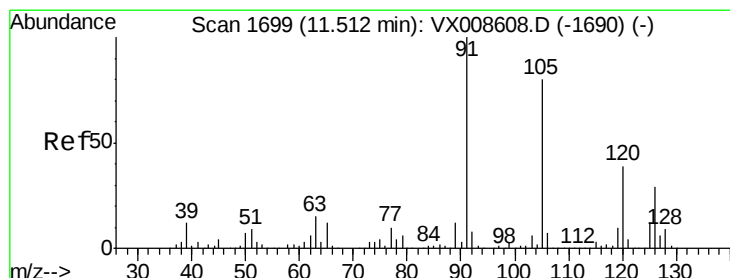
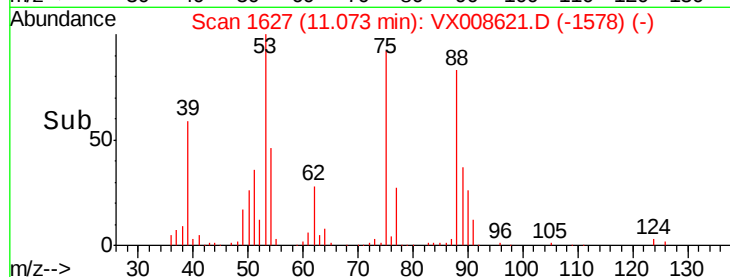
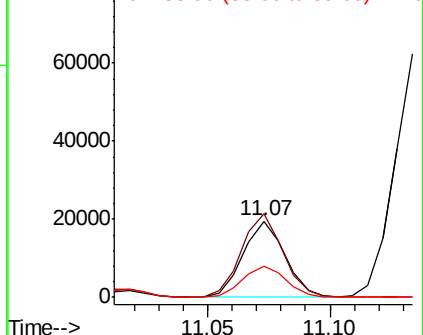
75 100

53 110.8 81.3 121.9

89 42.3 35.6 53.4



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



#82

4-Chlorotoluene

Concen: 18.715 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008621.D

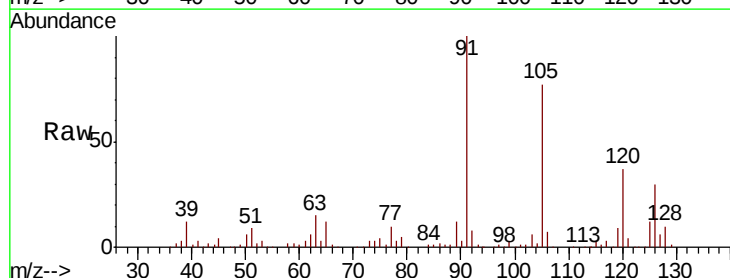
Acq: 03 Apr 2019 18:30

Tgt Ion: 91 Resp: 157807

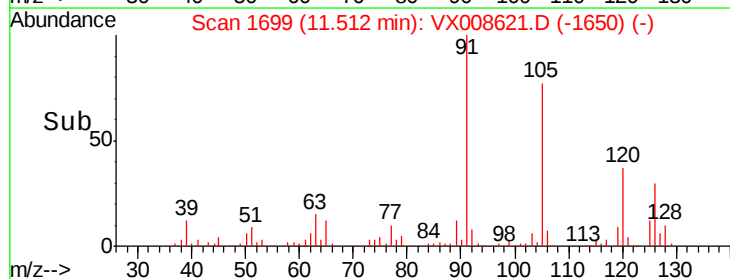
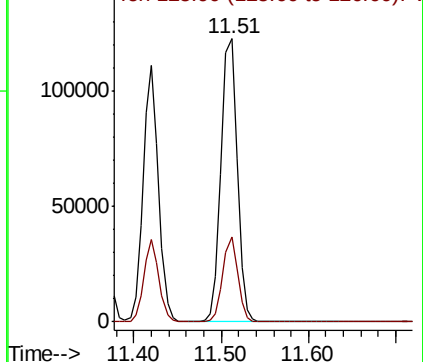
Ion Ratio Lower Upper

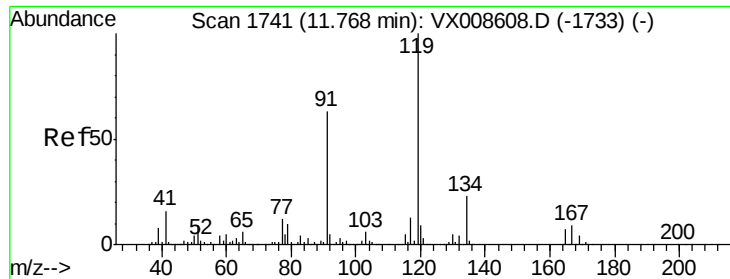
91 100

126 27.7 13.9 41.6



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





#83

tert-Butylbenzene

Concen: 18.777 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleID :

VX0403WBSD01

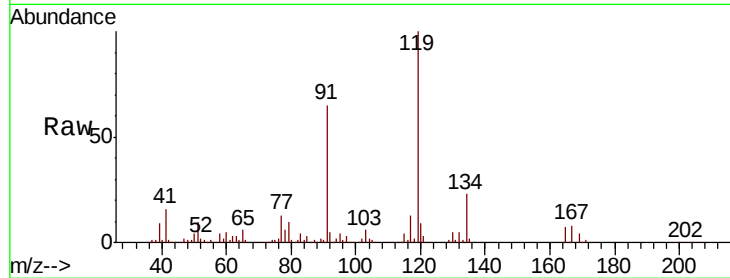
Tot Ion:119 Resp: 156773

Ion Ratio Lower Upper

119 100

91 60.8 30.0 90.1

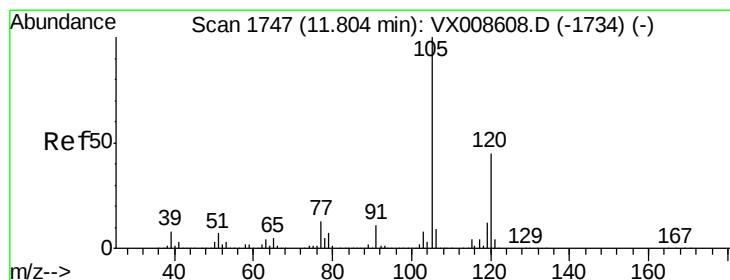
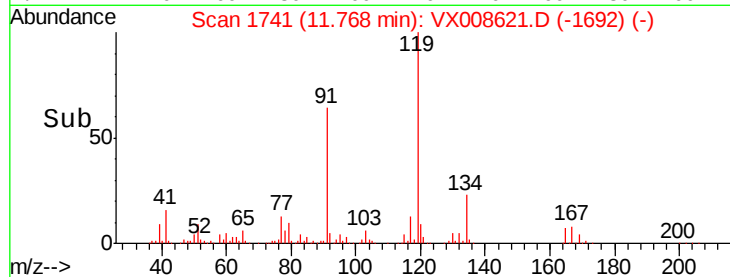
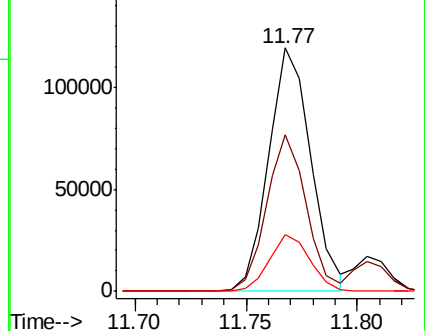
134 22.6 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.904 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008621.D

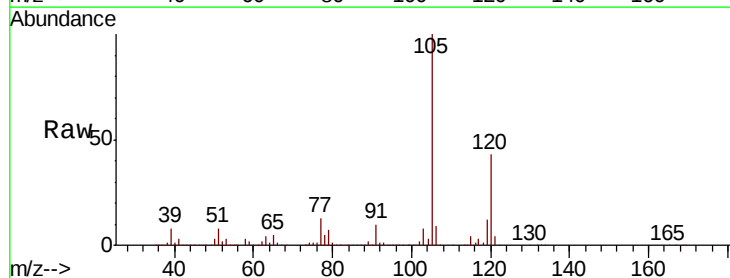
Acq: 03 Apr 2019 18:30

Tgt Ion:105 Resp: 166112

Ion Ratio Lower Upper

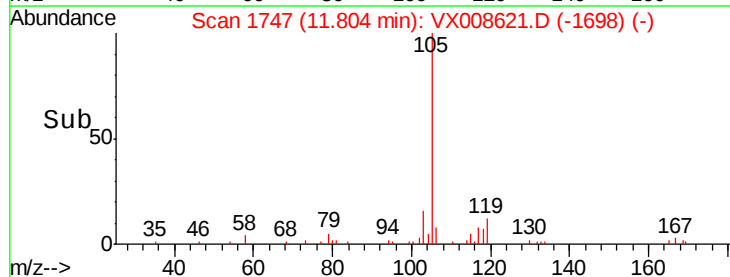
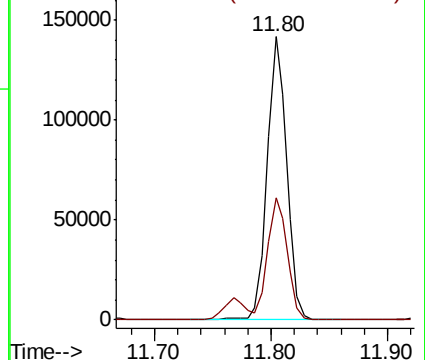
105 100

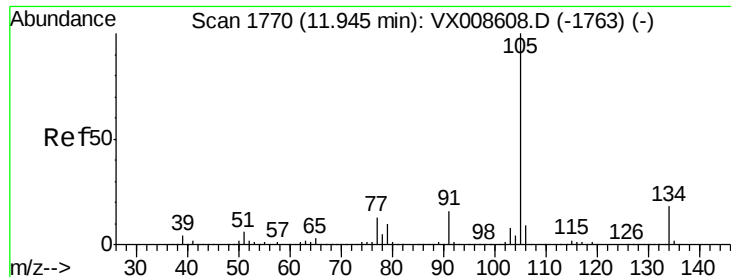
120 43.3 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.984 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

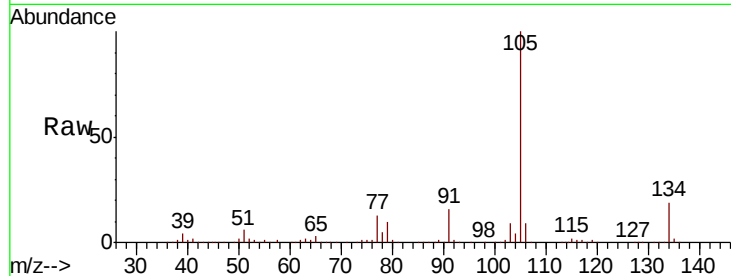
VX0403WBSD01

Tot Ion:105 Resp: 188270

Ion Ratio Lower Upper

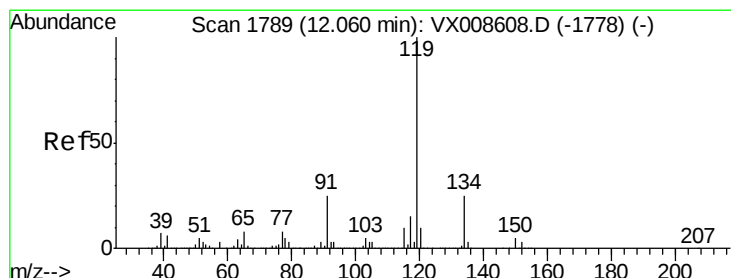
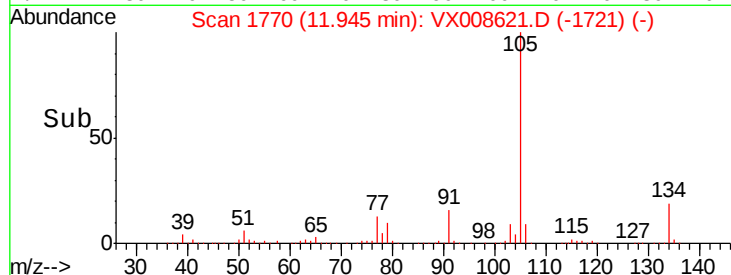
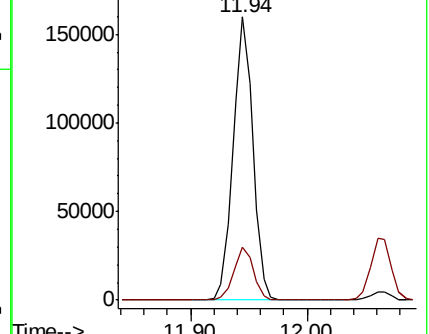
105 100

134 18.7 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.890 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

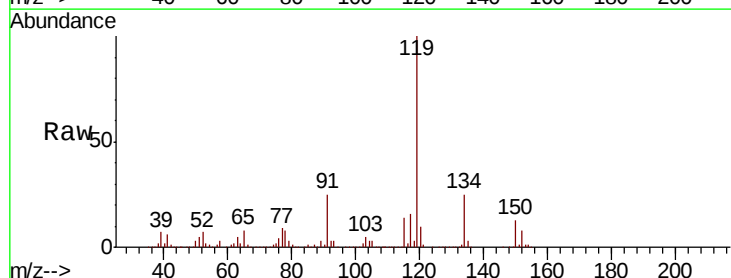
Tgt Ion:119 Resp: 168145

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

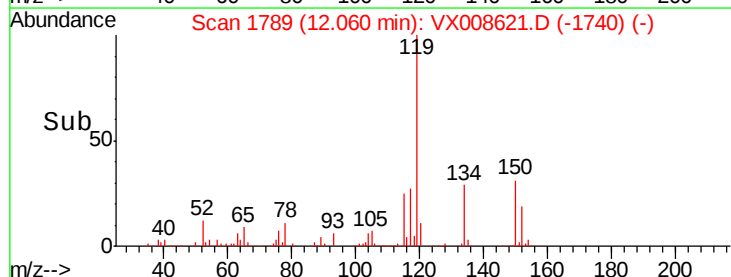
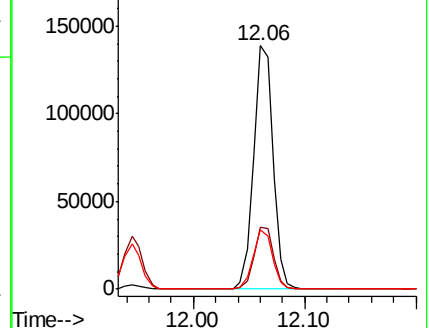
91 24.3 12.2 36.6

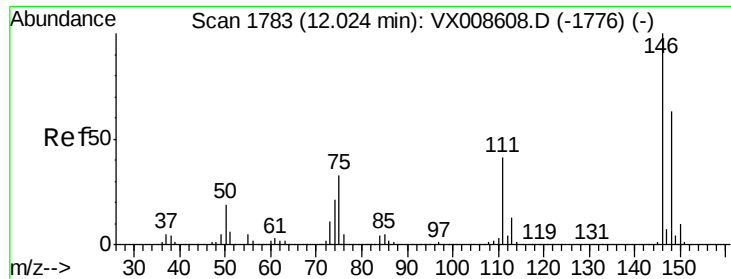


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.159 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

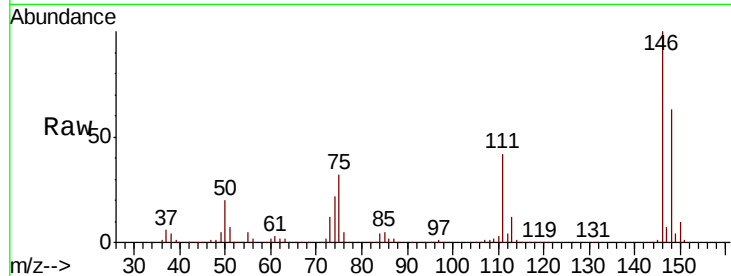
Tot Ion:146 Resp: 80793

Ion Ratio Lower Upper

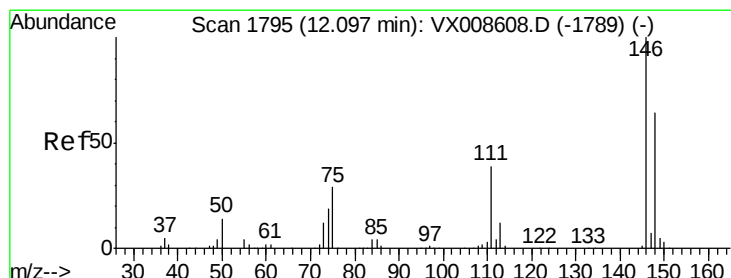
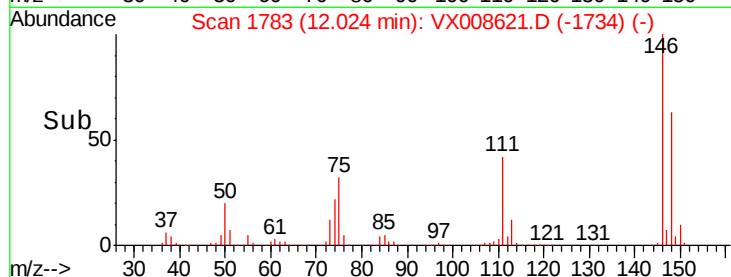
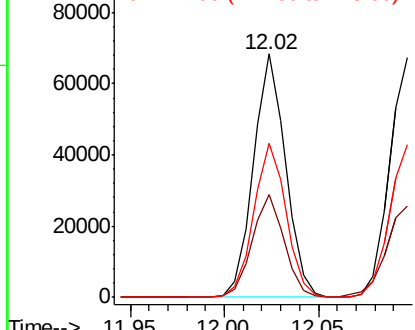
146 100

111 42.2 20.5 61.5

148 63.8 31.6 94.7



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: 18.052 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

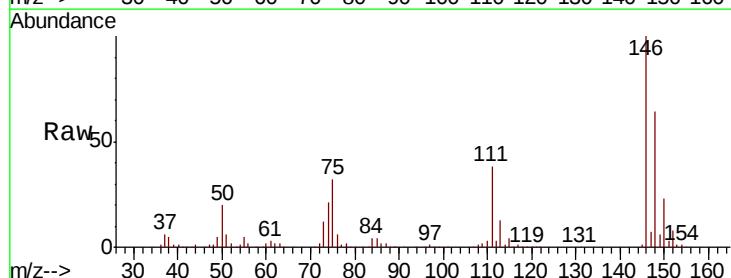
Tgt Ion:146 Resp: 81331

Ion Ratio Lower Upper

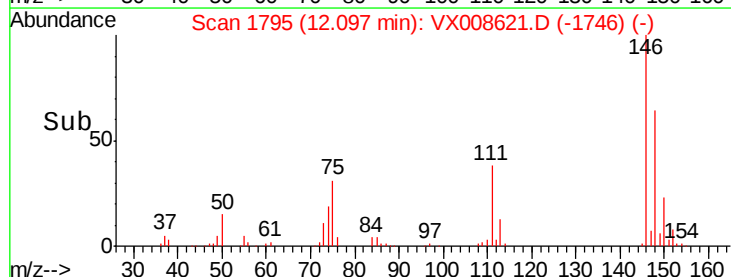
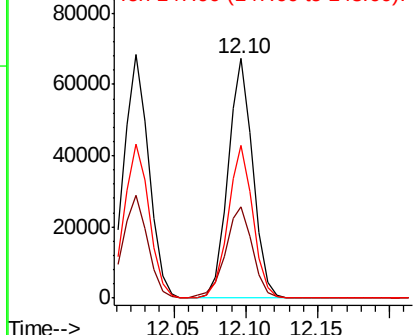
146 100

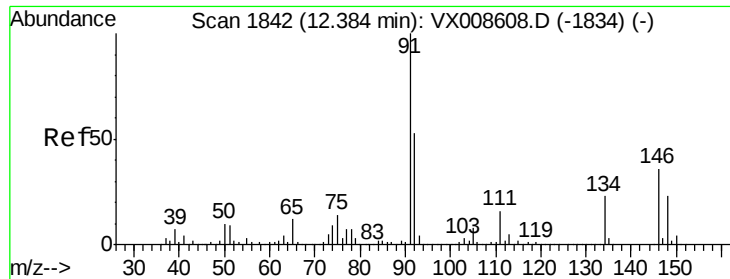
111 41.8 20.2 60.6

148 63.8 32.0 96.0



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

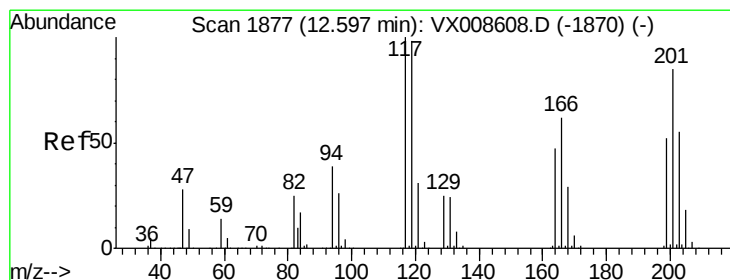
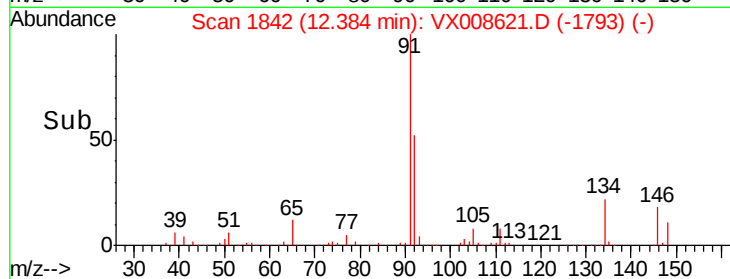
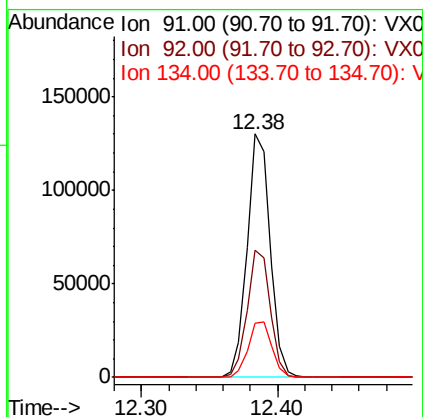
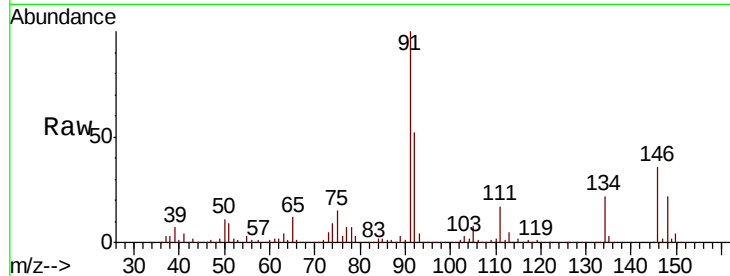




#89
n-Butylbenzene
Concen: 18.550 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

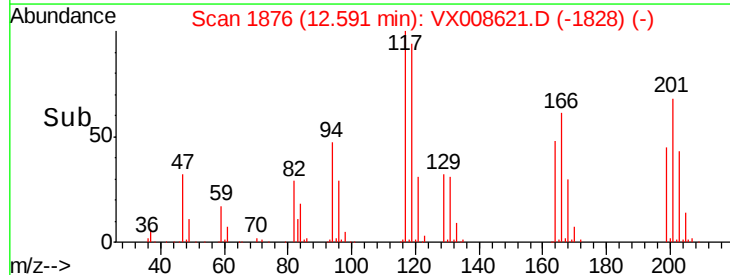
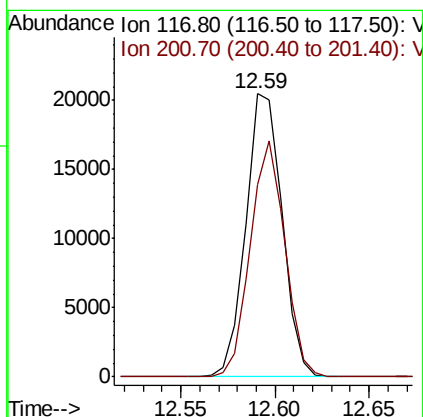
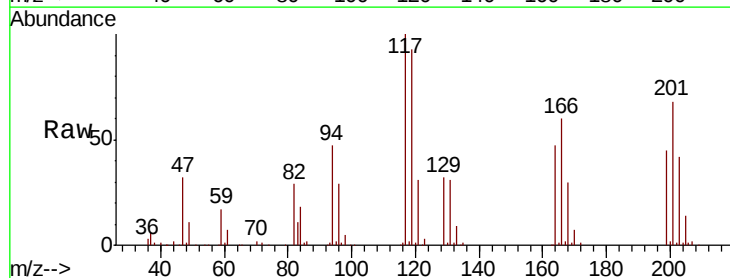
Instrument :
MSVOA_X
ClientSampled :
VX0403WBSD01

Tot Ion: 91 Resp: 154850
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 23.5 12.0 36.0



#90
Hexachloroethane
Concen: 18.546 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

Tgt Ion: 117 Resp: 27380
Ion Ratio Lower Upper
117 100
201 79.1 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 18.550 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

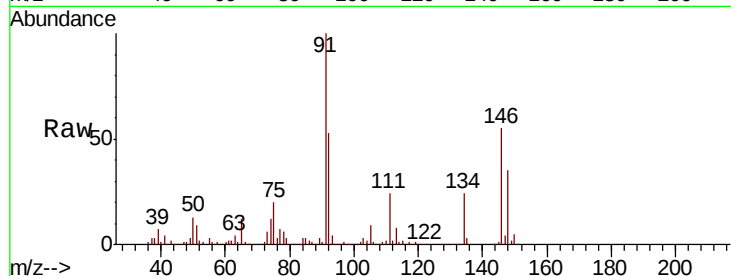
Tot Ion:146 Resp: 81946

Ion Ratio Lower Upper

146 100

111 43.4 21.3 63.9

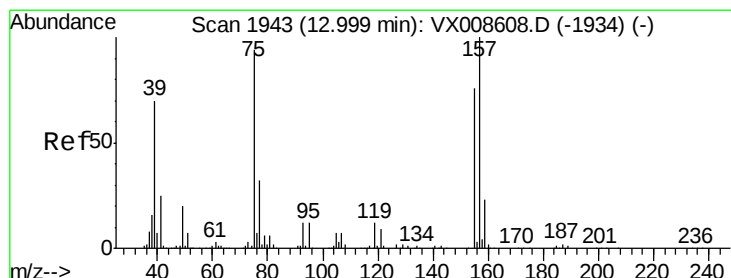
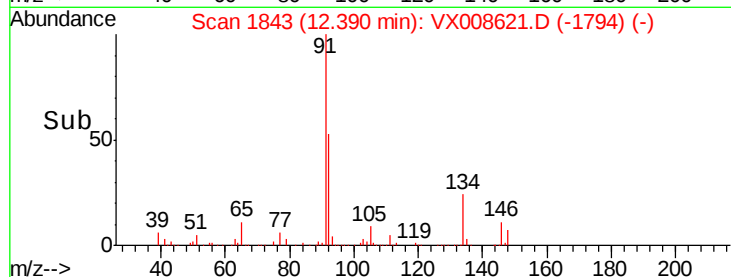
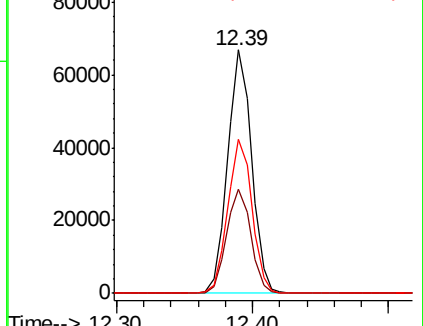
148 63.9 31.7 95.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.206 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008621.D

Acq: 03 Apr 2019 18:30

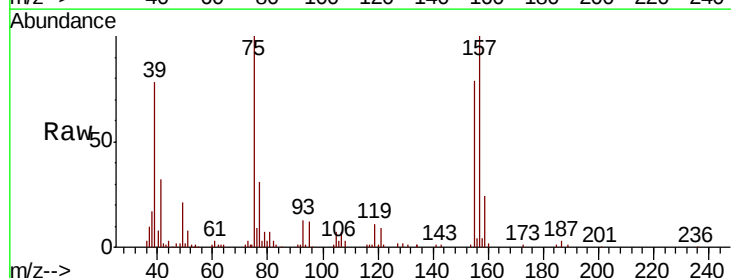
Tgt Ion: 75 Resp: 16612

Ion Ratio Lower Upper

75 100

155 77.8 39.9 119.6

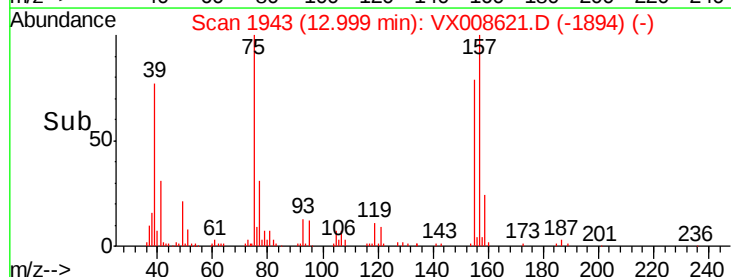
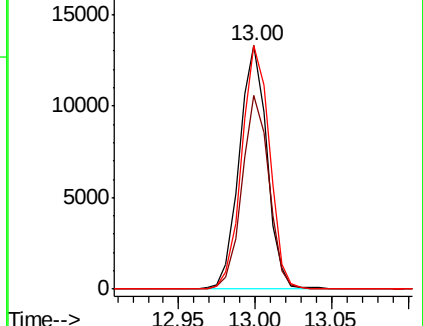
157 101.1 51.5 154.7

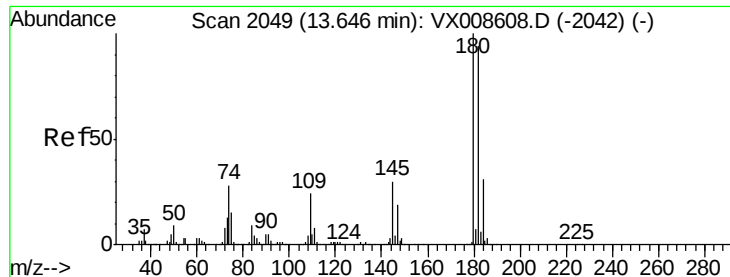


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

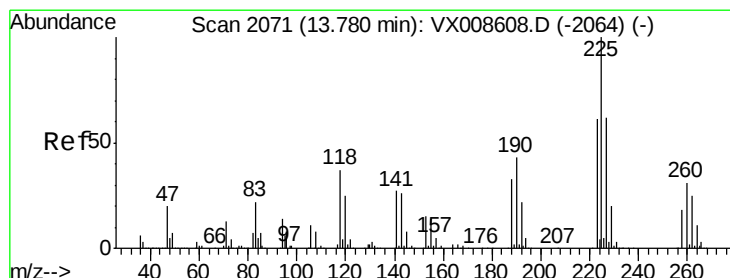
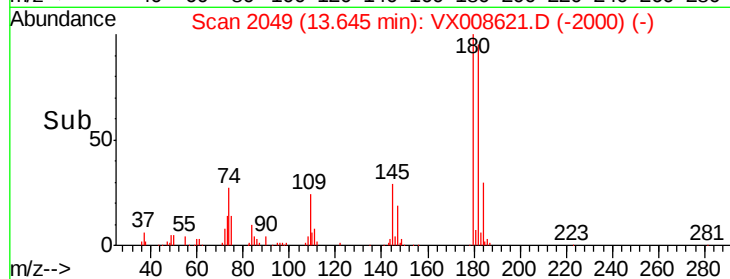
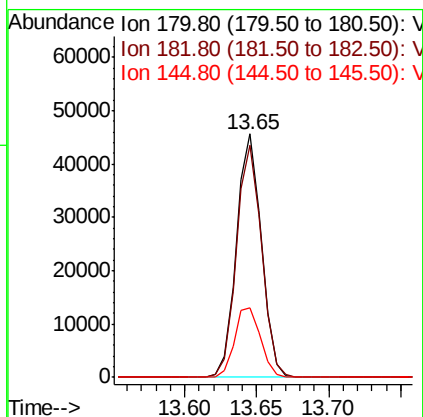
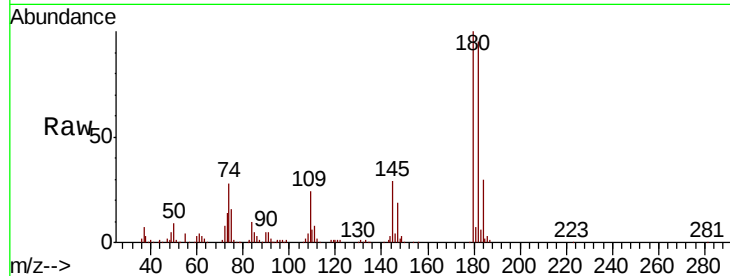




#93
 1,2,4-Trichlorobenzene
 Concen: 17.969 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

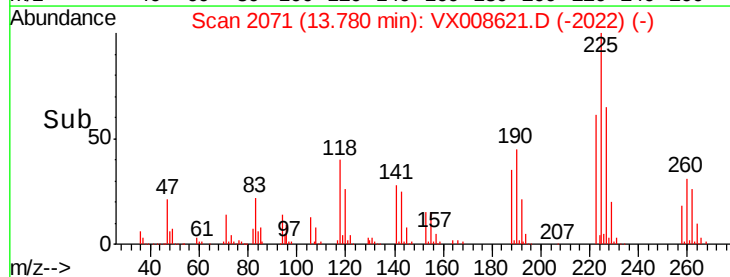
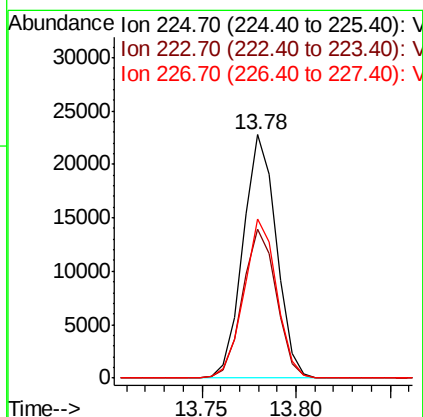
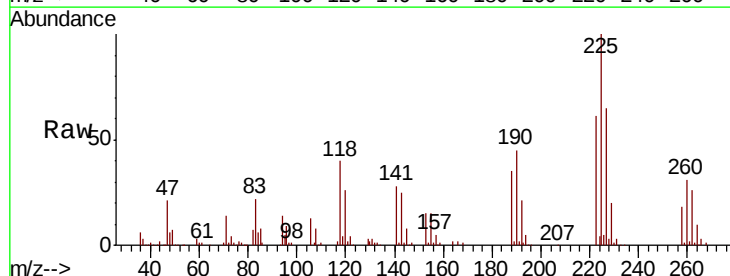
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

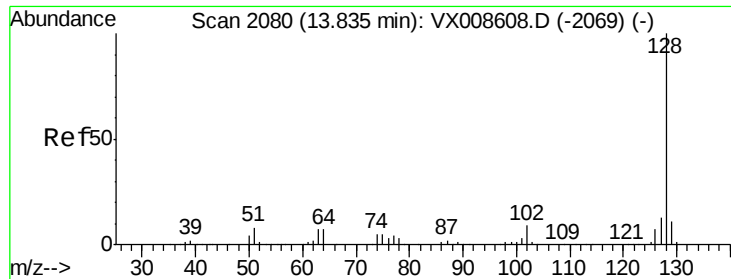
Tot Ion:180 Resp: 55193
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.2 141.6
 145 30.0 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 18.971 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008621.D
 Acq: 03 Apr 2019 18:30

Tgt Ion:225 Resp: 27945
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.2 93.6
 227 64.2 31.9 95.5

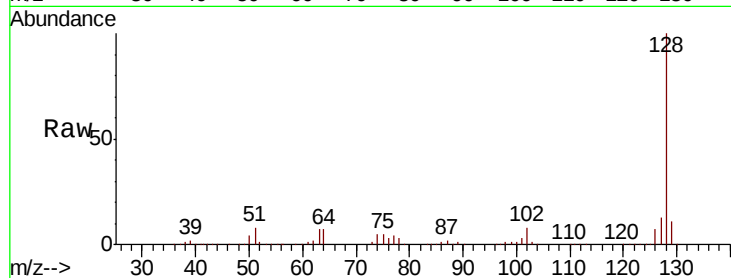




#95
Naphthalene
Concen: 19.075 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

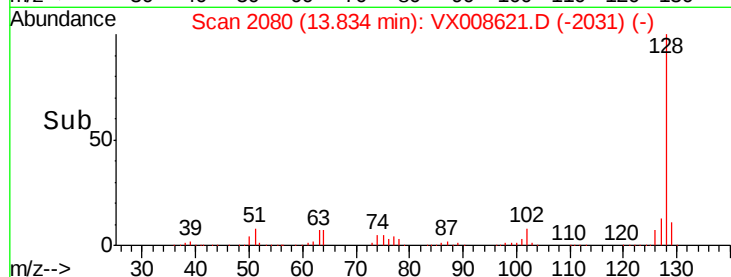
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tot Ion:128 Resp: 195823
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.6 13.0

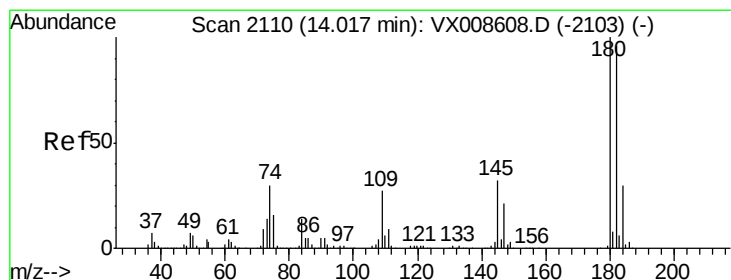


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

13.83

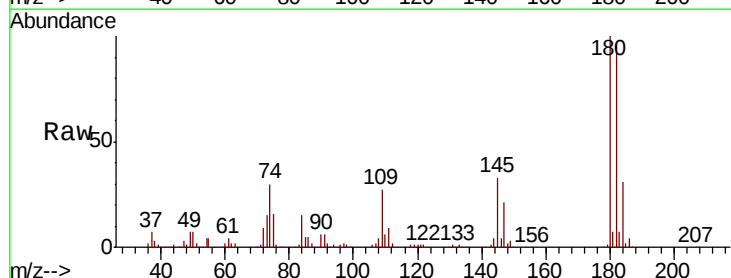


Time-->



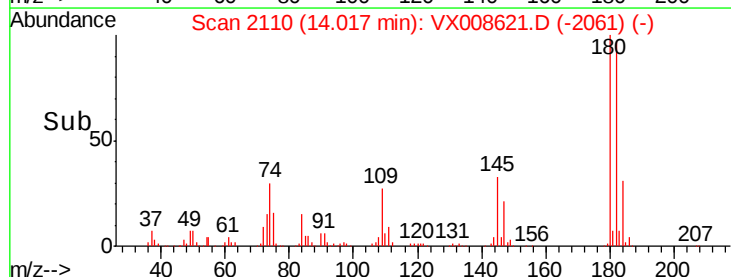
#96
1,2,3-Trichlorobenzene
Concen: 18.490 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008621.D
Acq: 03 Apr 2019 18:30

Tgt Ion:180 Resp: 56744
Ion Ratio Lower Upper
180 100
182 96.8 48.1 144.3
145 32.3 16.3 48.8



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

14.02



Time-->