

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004280.D
 Acq On : 29 Aug 2018 09:36
 Operator : JC/MD
 Sample : VX0829WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS01

Quant Time: Aug 30 02:05:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	333962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	480438	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	428694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	266444	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	206404	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
35) Dibromofluoromethane	5.50	113	176730	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	8.71	98	656524	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.14	95	246562	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	73709	19.06	ug/l	97
3) Chloromethane	1.32	50	79291	18.73	ug/l	99
4) Vinyl Chloride	1.40	62	84336	19.27	ug/l	99
5) Bromomethane	1.64	94	43647	18.98	ug/l	95
6) Chloroethane	1.72	64	59637	18.47	ug/l	97
7) Trichlorofluoromethane	1.93	101	115188	19.21	ug/l	97
8) Diethyl Ether	2.18	74	51434	20.03	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70994	18.90	ug/l	99
10) Methyl Iodide	2.51	142	64523	18.19	ug/l	97
11) Tert butyl alcohol	3.07	59	96487	103.99	ug/l	100
12) 1,1-Dichloroethene	2.37	96	67127	18.97	ug/l	96
13) Acrolein	2.29	56	18698	83.59	ug/l	99
14) Allyl chloride	2.73	41	126151	19.41	ug/l	98
15) Acrylonitrile	3.15	53	224339	97.63	ug/l	100
16) Acetone	2.45	43	187633	100.78	ug/l	99
17) Carbon Disulfide	2.57	76	170721	17.90	ug/l	99
18) Methyl Acetate	2.78	43	148435	22.98	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	236483	20.28	ug/l	98
20) Methylene Chloride	2.85	84	79385	18.95	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	73342	18.73	ug/l	94
22) Diisopropyl ether	3.87	45	235342	19.39	ug/l	94
23) Vinyl Acetate	3.82	43	920487	93.58	ug/l	99
24) 1,1-Dichloroethane	3.69	63	137928	19.50	ug/l	99
25) 2-Butanone	4.70	43	288865	97.30	ug/l	99
26) 2,2-Dichloropropane	4.58	77	106359	19.17	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	84702	19.07	ug/l	99
28) Bromochloromethane	5.01	49	59649	19.05	ug/l	99
29) Tetrahydrofuran	5.16	42	183743	98.25	ug/l	99
30) Chloroform	5.21	83	136500	19.25	ug/l	96
31) Cyclohexane	5.57	56	112242	18.39	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	115081	19.46	ug/l	99
36) 1,1-Dichloropropene	5.79	75	100553	18.62	ug/l	99
37) Ethyl Acetate	4.86	43	104594	19.69	ug/l	99
38) Carbon Tetrachloride	5.78	117	97607	19.21	ug/l	99

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111982	18.16	ug/l	97
40) Benzene	6.14	78	312838	19.38	ug/l	99
41) Methacrylonitrile	5.06	41	59441	19.30	ug/l	98
42) 1,2-Dichloroethane	6.20	62	107113	19.46	ug/l	99
43) Isopropyl Acetate	6.46	43	162174	19.87	ug/l	100
44) Trichloroethene	7.21	130	85587	19.16	ug/l	99
45) 1,2-Dichloropropane	7.52	63	79454	19.67	ug/l	98
46) Dibromomethane	7.67	93	51682	19.22	ug/l	98
47) Bromodichloromethane	7.90	83	97875	19.56	ug/l	100
48) Methyl methacrylate	7.77	41	85489	19.57	ug/l	99
49) 1,4-Dioxane	7.76	88	39914	402.51	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	563902	95.08	ug/l	100
52) Toluene	8.79	92	200453	19.84	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	108724	19.67	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	119714	19.88	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	82209	20.16	ug/l	99
56) Ethyl methacrylate	9.18	69	111167	20.02	ug/l	99
57) 1,3-Dichloropropane	9.37	76	136590	19.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	291704	102.55	ug/l	100
59) 2-Hexanone	9.50	43	424116	93.74	ug/l	99
60) Dibromochloromethane	9.59	129	77798	19.58	ug/l	100
61) 1,2-Dibromoethane	9.68	107	83450	19.77	ug/l	99
64) Tetrachloroethene	9.34	164	86366	20.39	ug/l	99
65) Chlorobenzene	10.14	112	212082	19.71	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	74179	19.99	ug/l	99
67) Ethyl Benzene	10.26	91	348473	19.94	ug/l	98
68) m/p-Xylenes	10.36	106	276511	40.47	ug/l	96
69) o-Xylene	10.70	106	138032	21.36	ug/l	100
70) Styrene	10.71	104	224441	21.45	ug/l	99
71) Bromoform	10.86	173	59934	20.04	ug/l	99
73) Isopropylbenzene	11.02	105	376797	21.53	ug/l	100
74) N-amyl acetate	10.90	43	136443	20.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	123818	20.22	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	138422	25.54	ug/l	87
77) Bromobenzene	11.26	156	101699	20.72	ug/l	100
78) n-propylbenzene	11.36	91	424565	21.09	ug/l	100
79) 2-Chlorotoluene	11.42	91	257581	20.79	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	309036	21.32	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33514	20.07	ug/l	98
82) 4-Chlorotoluene	11.51	91	293797	20.15	ug/l	98
83) tert-Butylbenzene	11.77	119	308031	21.13	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	319586	21.48	ug/l	100
85) sec-Butylbenzene	11.94	105	362147	20.92	ug/l	100
86) p-Isopropyltoluene	12.07	119	323127	20.83	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	181725	19.66	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	187007	19.19	ug/l	98
89) n-Butylbenzene	12.39	91	236843	18.77	ug/l	100
90) Hexachloroethane	12.60	117	43930	20.26	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	171572	20.31	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20974	19.44	ug/l	94

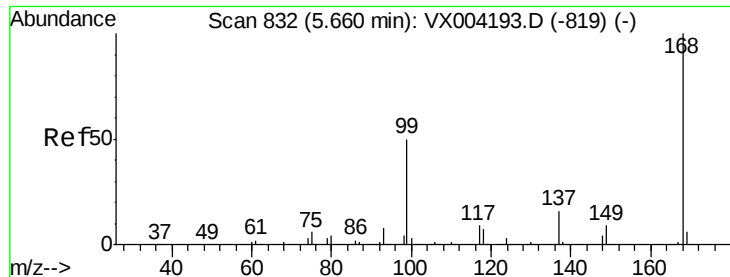
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
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Quant Time: Aug 30 02:05:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	120291	19.57	ug/l	99
94) Hexachlorobutadiene	13.79	225	57300	19.96	ug/l	98
95) Naphthalene	13.83	128	384399	22.11	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	134632	20.69	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

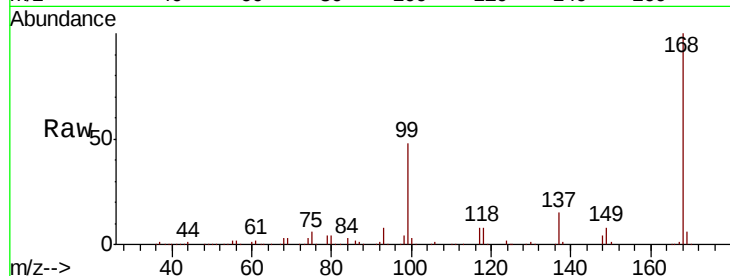
VX0829WBS01

Tot Ion:168 Resp: 333962

Ion Ratio Lower Upper

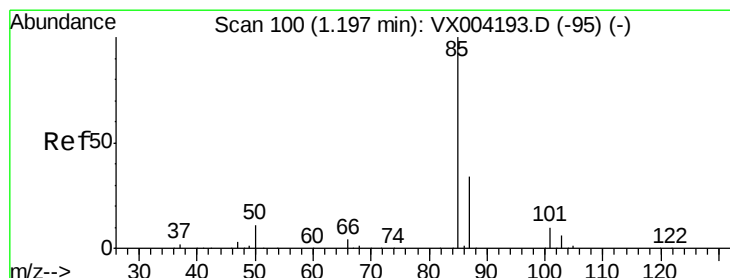
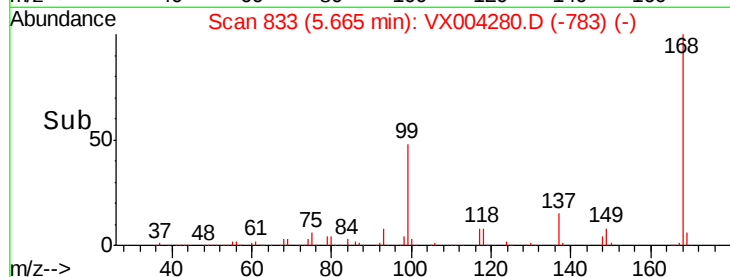
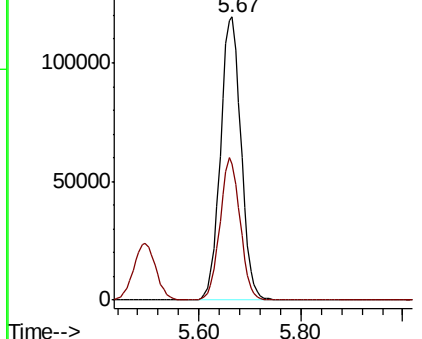
168 100

99 48.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004280.D

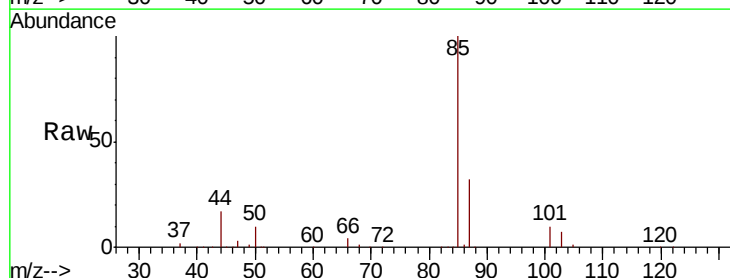
Acq: 29 Aug 2018 09:36

Tgt Ion: 85 Resp: 73709

Ion Ratio Lower Upper

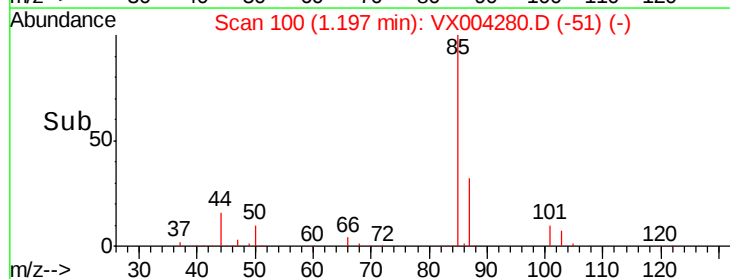
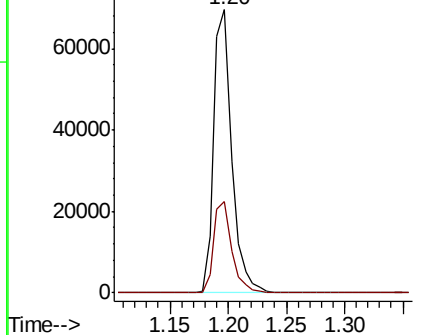
85 100

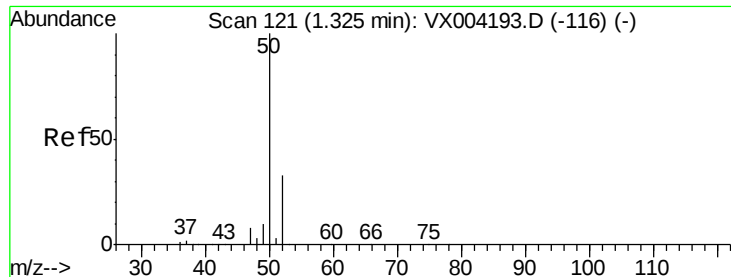
87 32.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.73 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

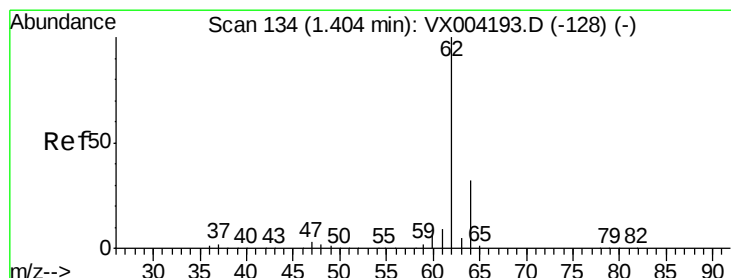
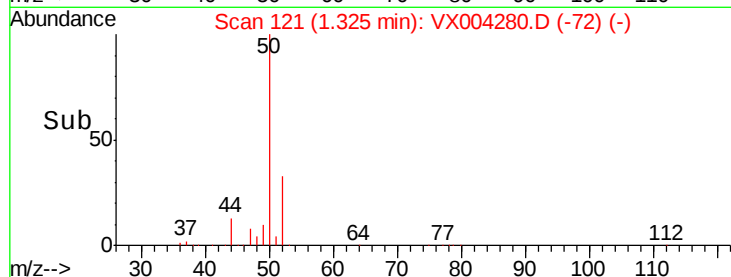
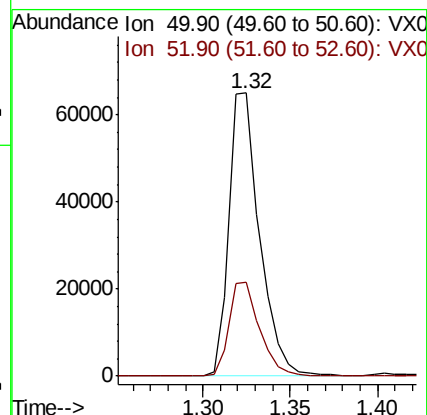
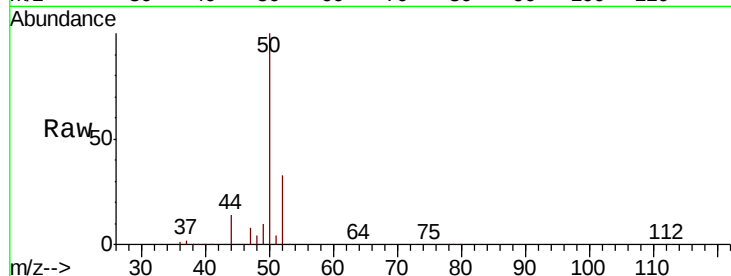
VX0829WBS01

Tot Ion: 50 Resp: 79291

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.2



#4

Vinyl Chloride

Concen: 19.27 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004280.D

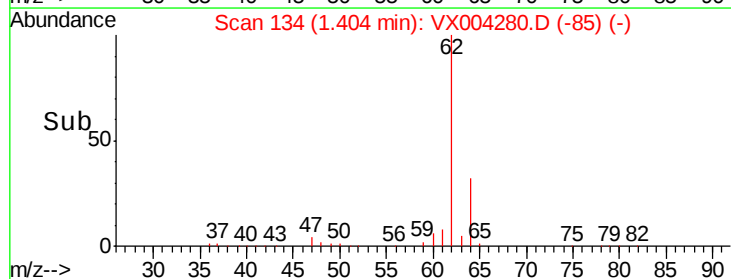
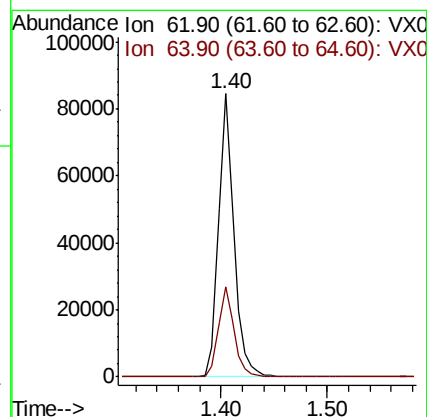
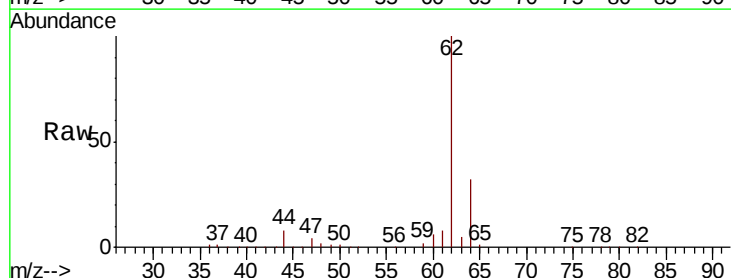
Acq: 29 Aug 2018 09:36

Tgt Ion: 62 Resp: 84336

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.8





#5

Bromomethane

Concen: 18.98 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

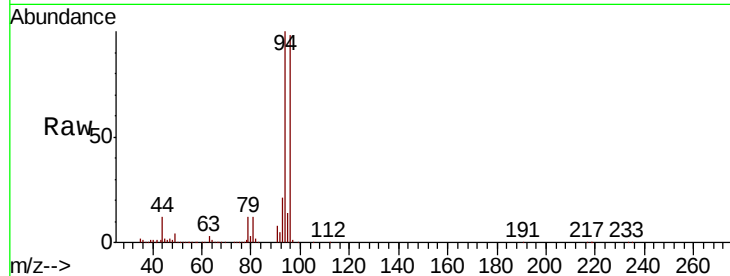
VX0829WBS01

Tot Ion: 94 Resp: 43647

Ion Ratio Lower Upper

94 100

96 98.2 74.5 111.7

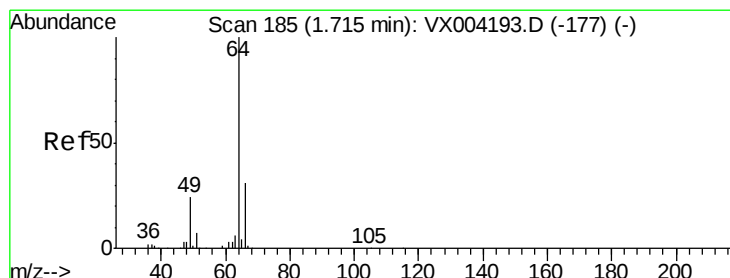
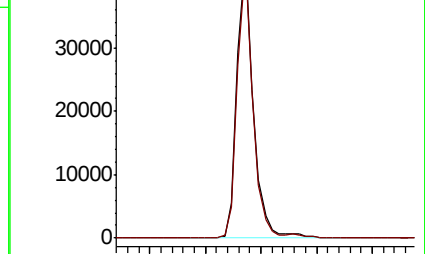
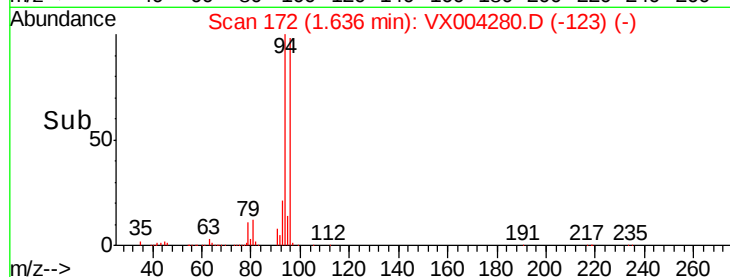


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

Time-->



#6

Chloroethane

Concen: 18.47 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004280.D

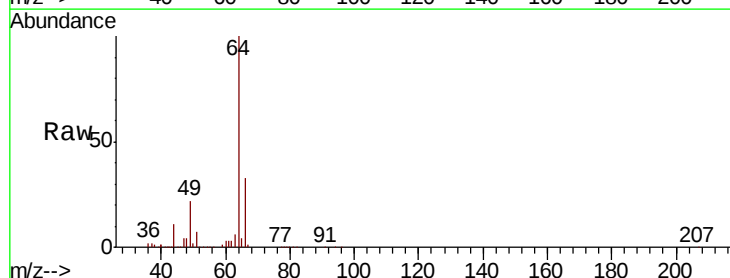
Acq: 29 Aug 2018 09:36

Tgt Ion: 64 Resp: 59637

Ion Ratio Lower Upper

64 100

66 32.5 24.6 36.8

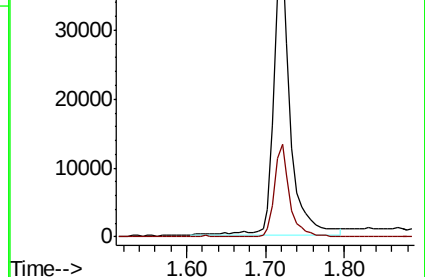
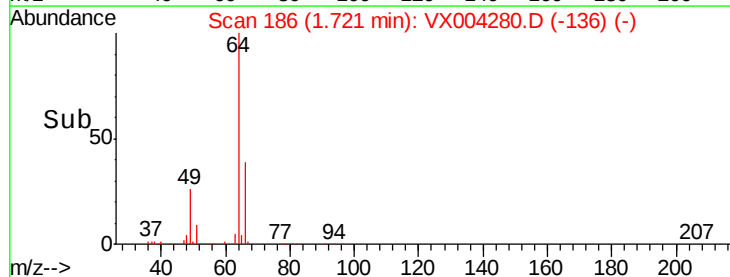


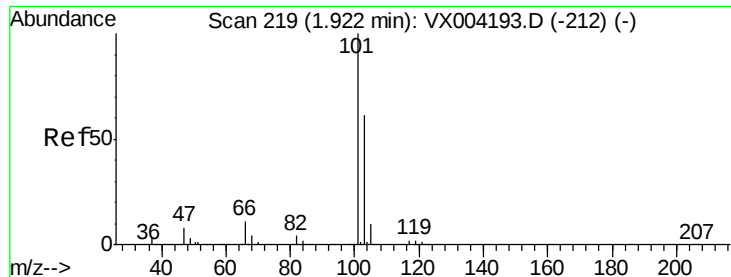
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

Time-->



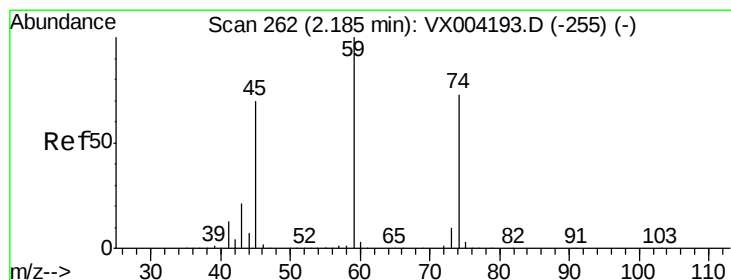
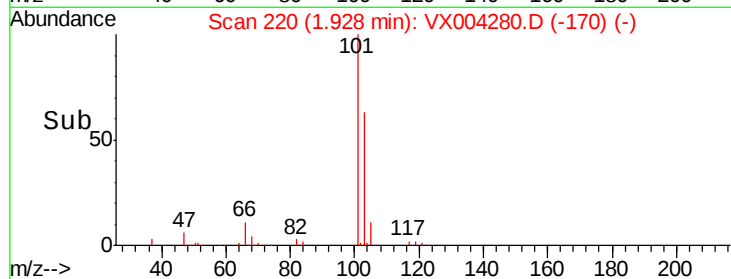
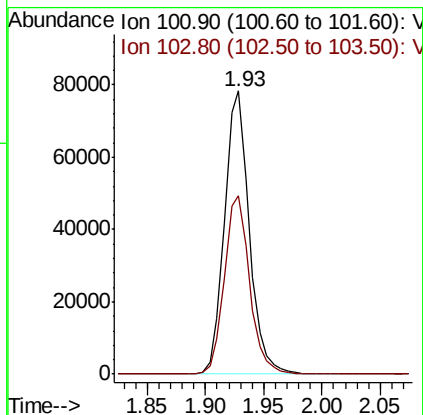
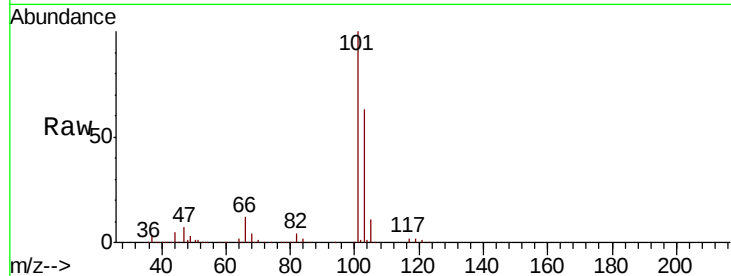


#7

Trichlorofluoromethane
 Concen: 19.21 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS01

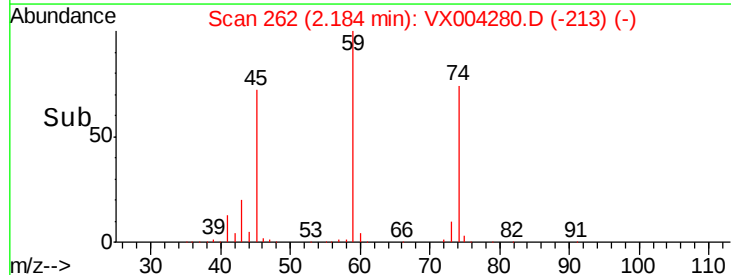
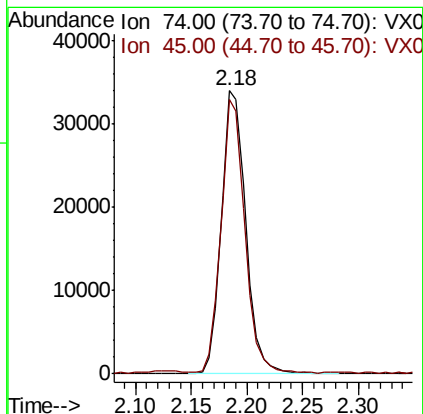
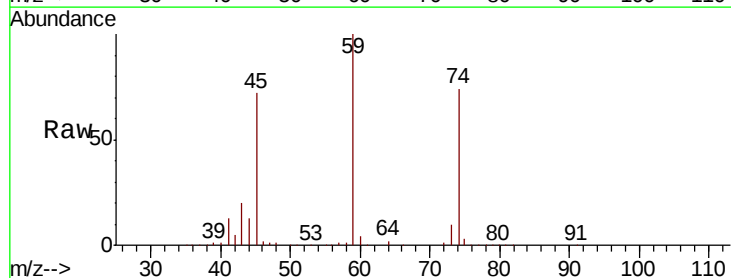
Tot Ion:101 Resp: 115188
 Ion Ratio Lower Upper
 101 100
 103 63.1 48.9 73.3

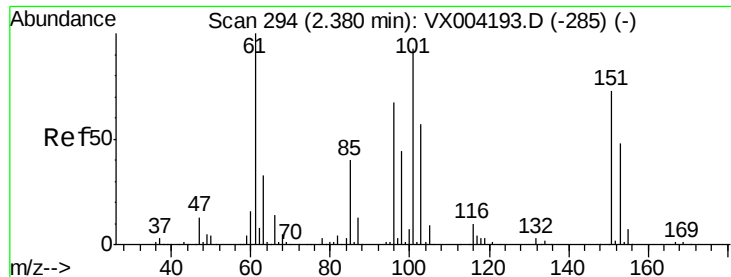


#8

Diethyl Ether
 Concen: 20.03 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Tgt Ion: 74 Resp: 51434
 Ion Ratio Lower Upper
 74 100
 45 94.2 48.3 144.8

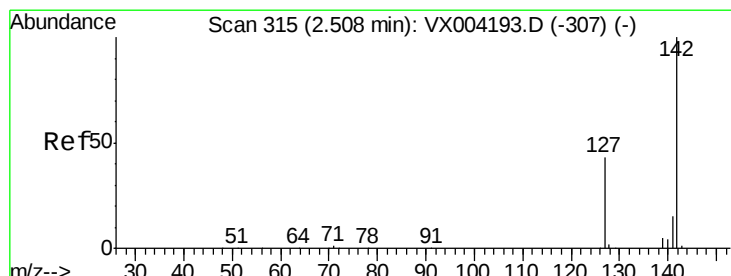
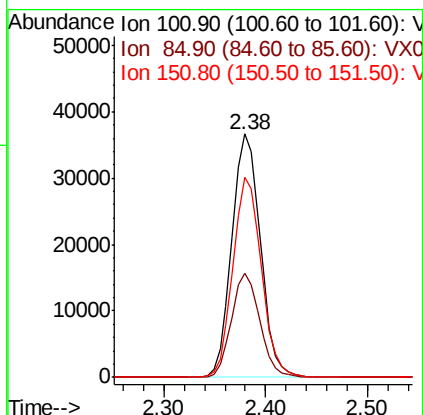
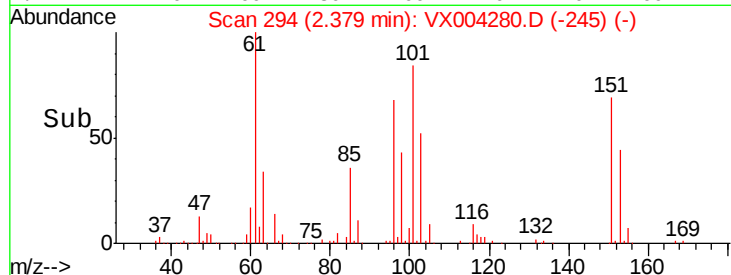
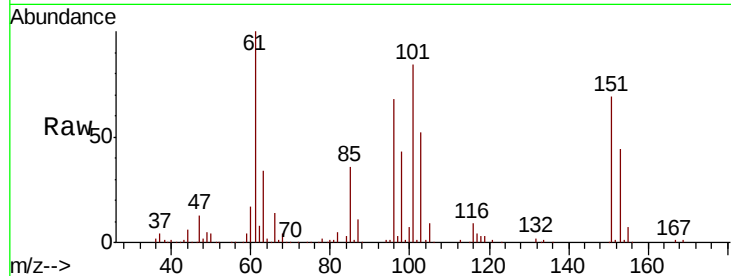




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.90 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

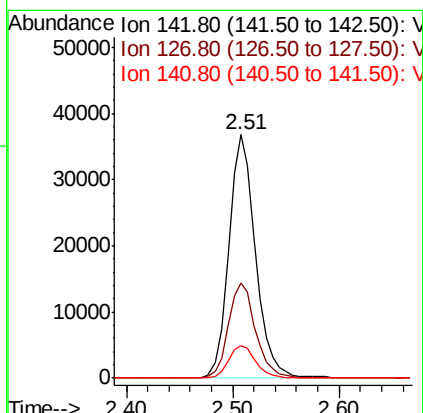
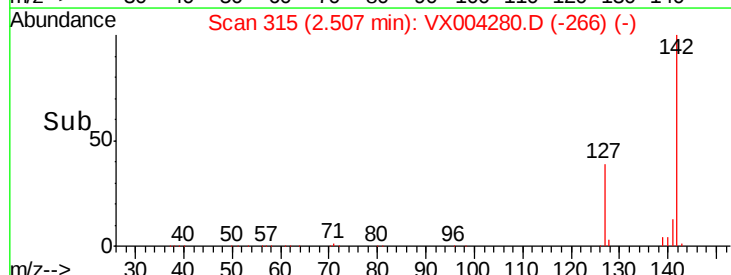
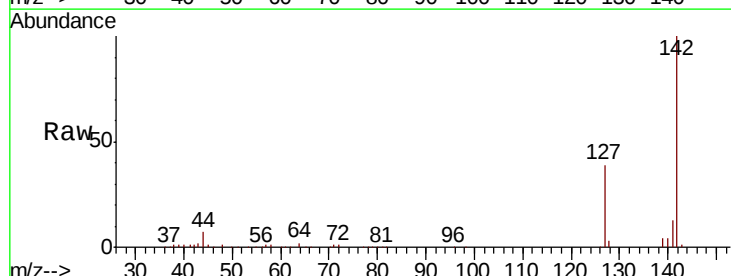
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS01

Tot Ion:101 Resp: 70994
 Ion Ratio Lower Upper
 101 100
 85 42.2 34.2 51.4
 151 81.9 65.0 97.6



#10
 Methyl Iodide
 Concen: 18.19 ug/l
 RT: 2.51 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Tgt Ion:142 Resp: 64523
 Ion Ratio Lower Upper
 142 100
 127 40.0 33.8 50.6
 141 13.8 11.4 17.0

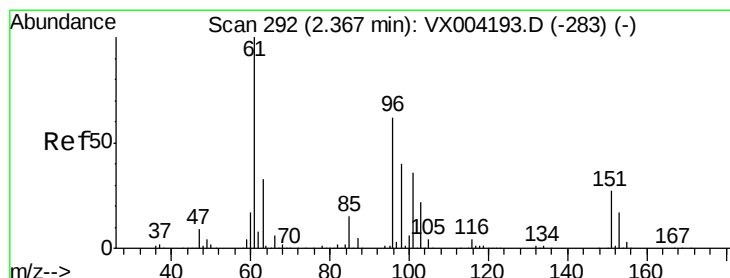
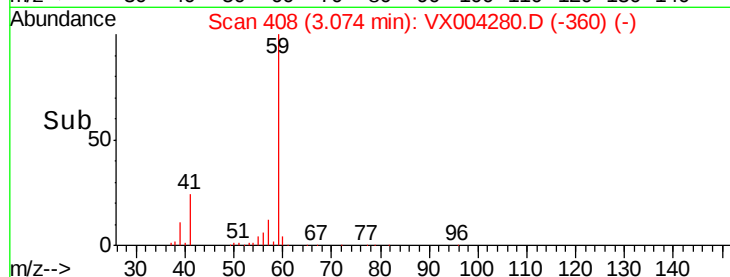
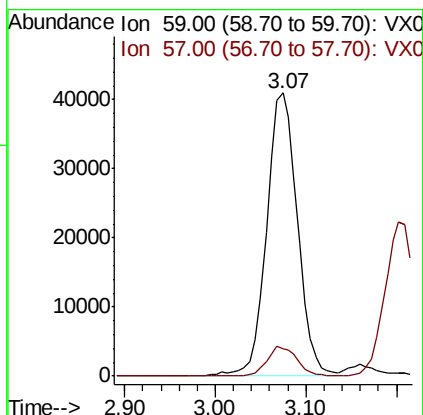
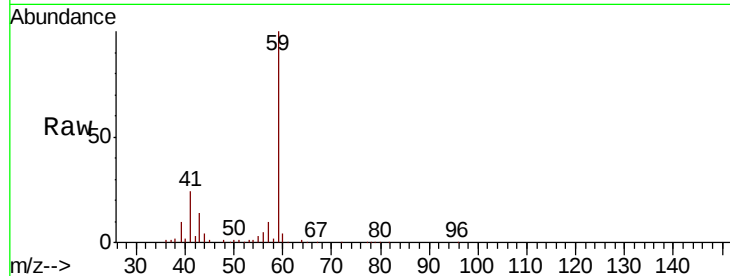




#11
Tert butyl alcohol
Concen: 103.99 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

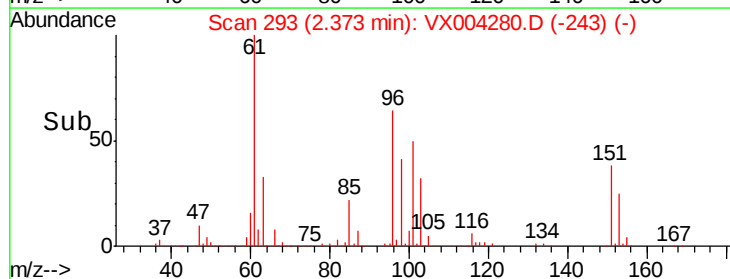
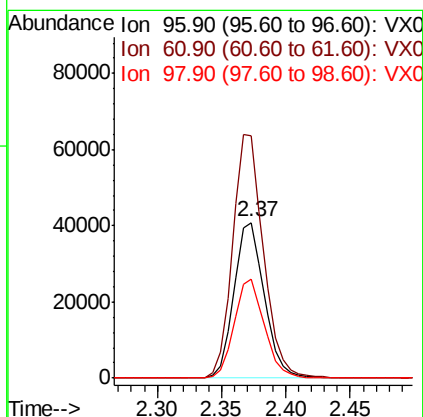
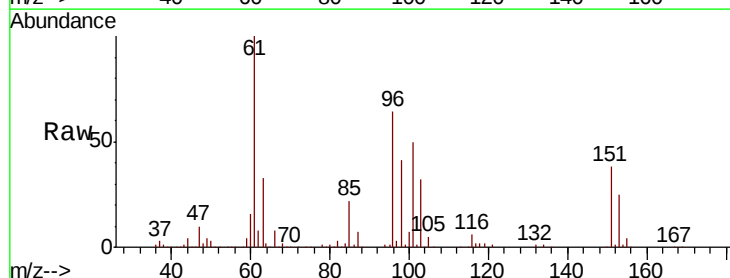
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01

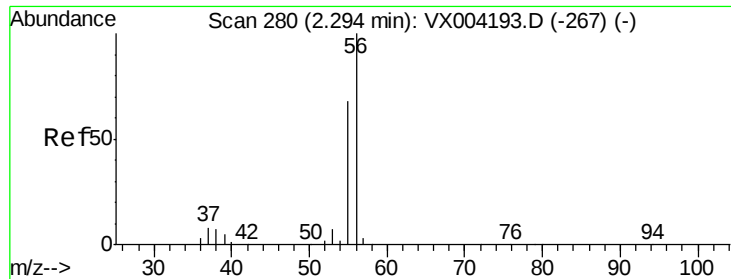
Tot Ion: 59 Resp: 96487
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.97 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

Tgt Ion: 96 Resp: 67127
Ion Ratio Lower Upper
96 100
61 155.8 128.8 193.2
98 63.3 52.2 78.2





#13

Acrolein

Concen: 83.59 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampled :

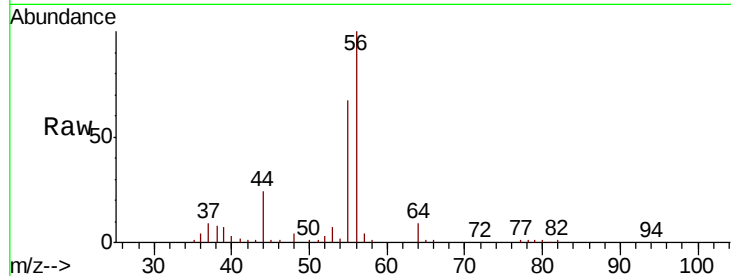
VX0829WBS01

Tot Ion: 56 Resp: 18698

Ion Ratio Lower Upper

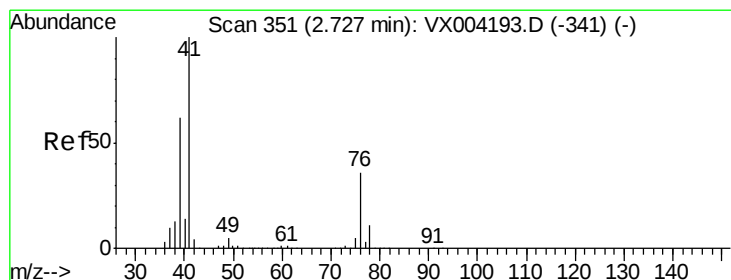
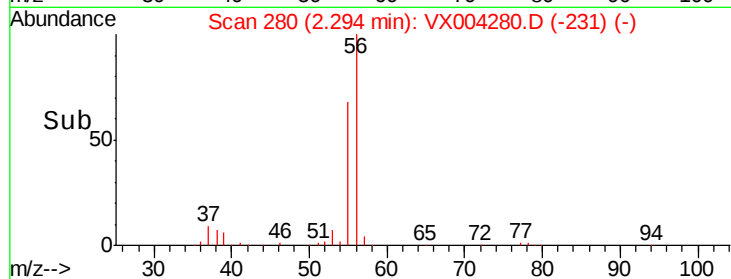
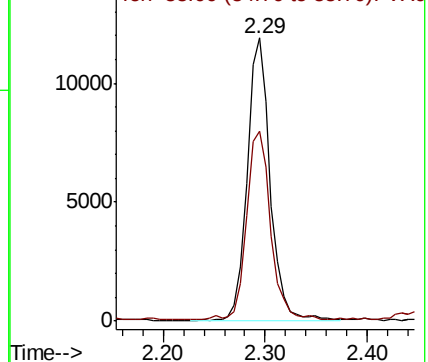
56 100

55 69.4 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.41 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

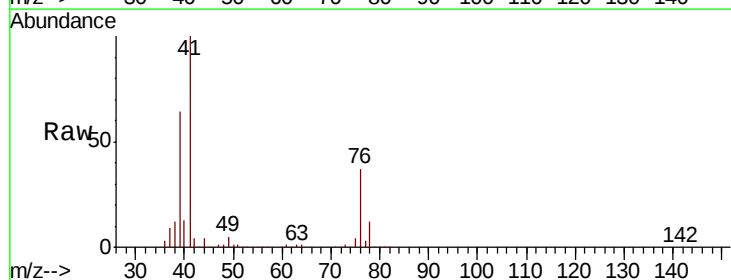
Tgt Ion: 41 Resp: 126151

Ion Ratio Lower Upper

41 100

39 59.6 48.9 73.3

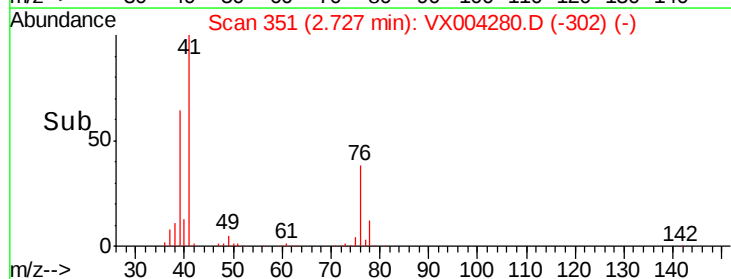
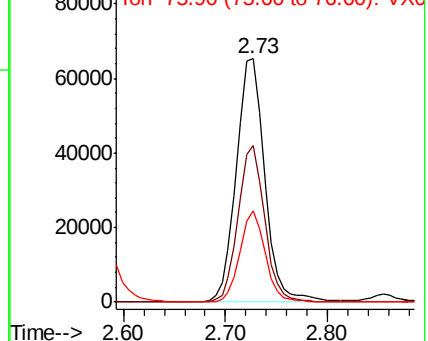
76 33.0 26.7 40.1



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: 97.63 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampled :

VX0829WBS01

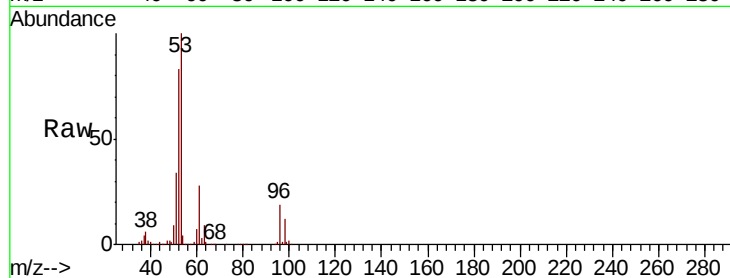
Tot Ion: 53 Resp: 224339

Ion Ratio Lower Upper

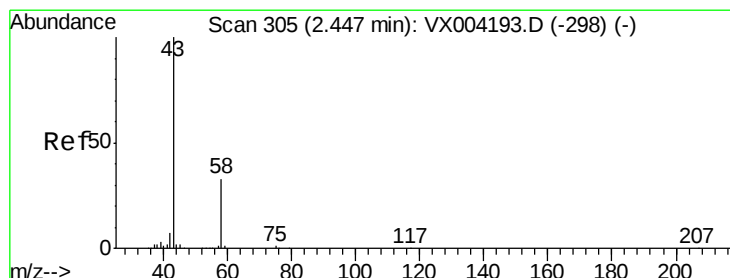
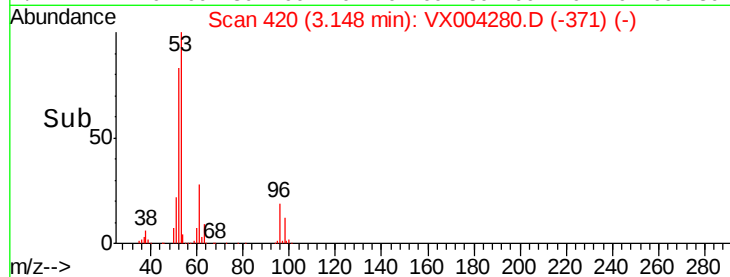
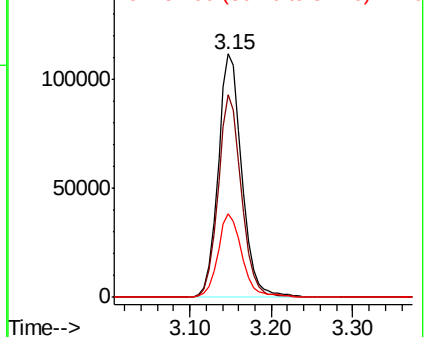
53 100

52 81.9 65.2 97.8

51 34.9 28.2 42.2



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



#16

Acetone

Concen: 100.78 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004280.D

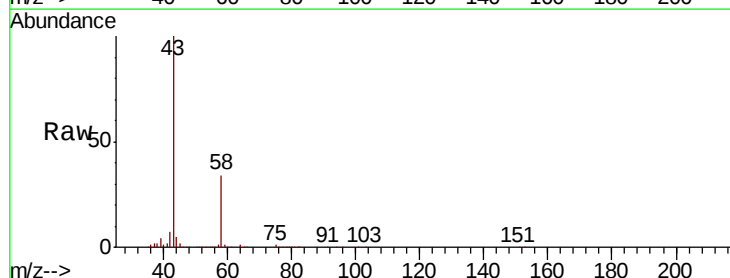
Acq: 29 Aug 2018 09:36

Tgt Ion: 43 Resp: 187633

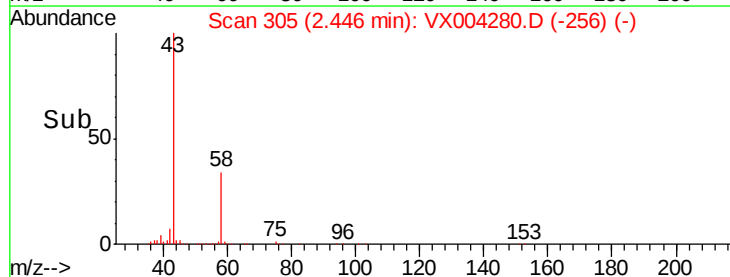
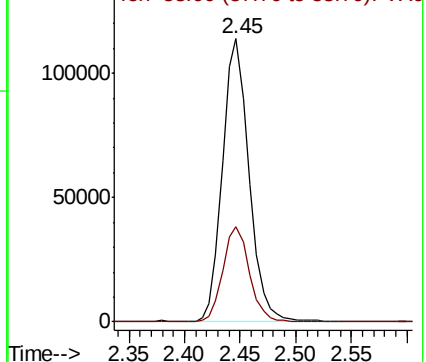
Ion Ratio Lower Upper

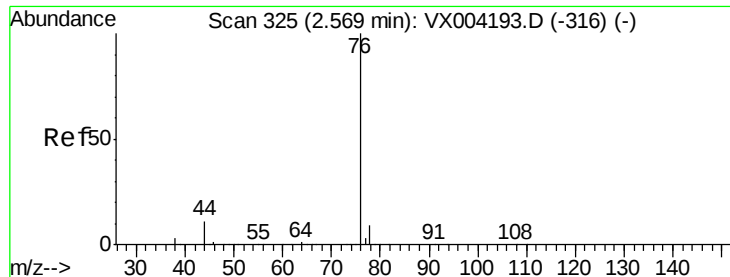
43 100

58 33.5 26.2 39.4



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

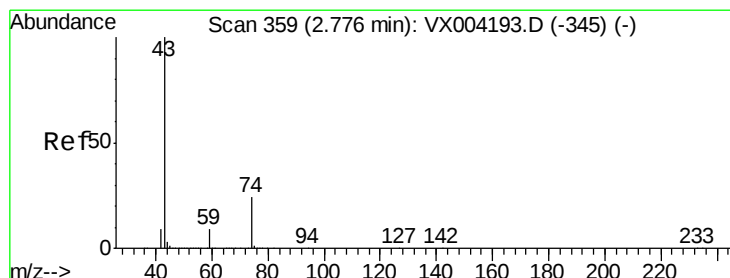
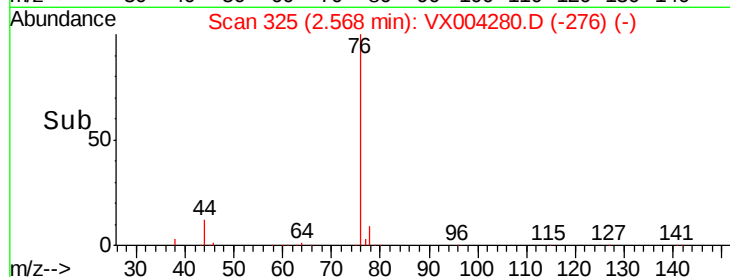
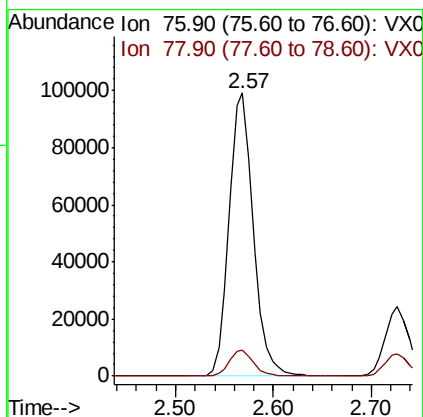
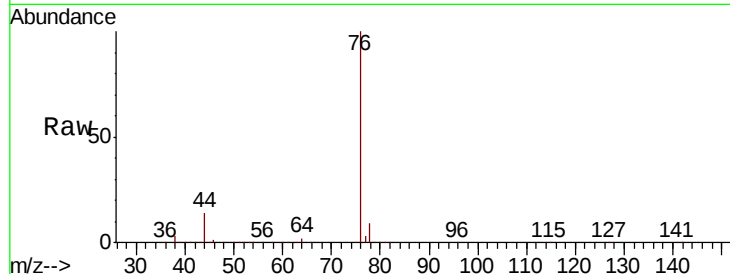




#17
Carbon Disulfide
Concen: 17.90 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

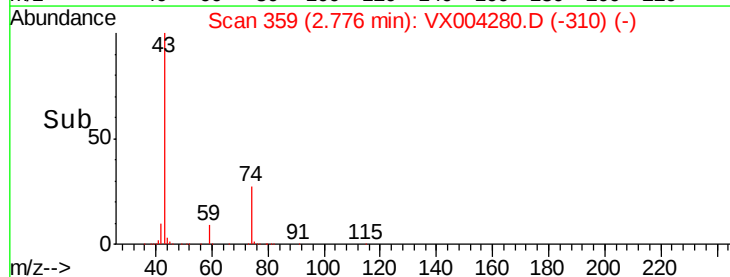
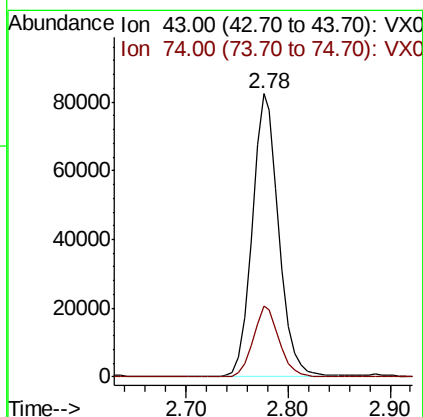
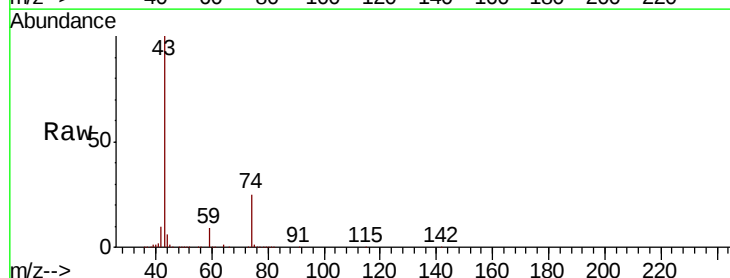
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01

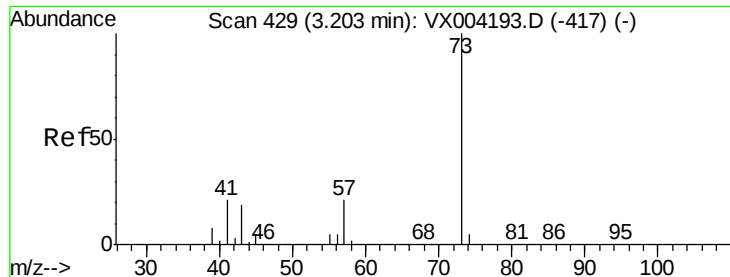
Tot Ion: 76 Resp: 170721
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 22.98 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

Tgt Ion: 43 Resp: 148435
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.2



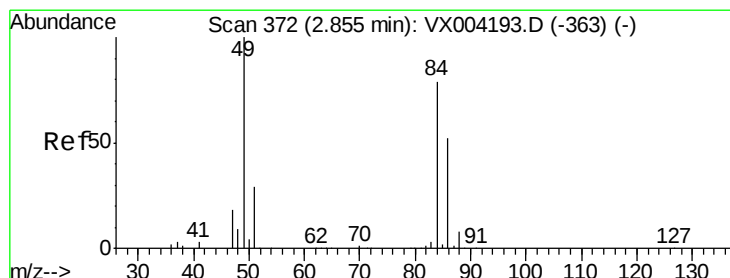
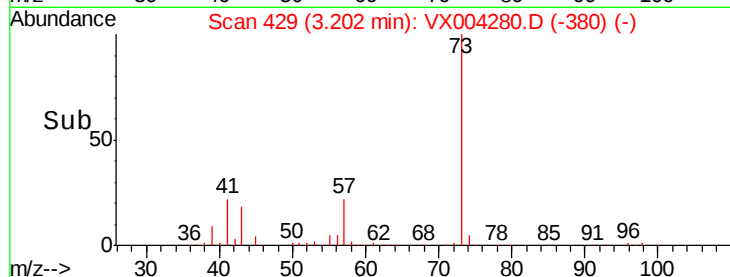
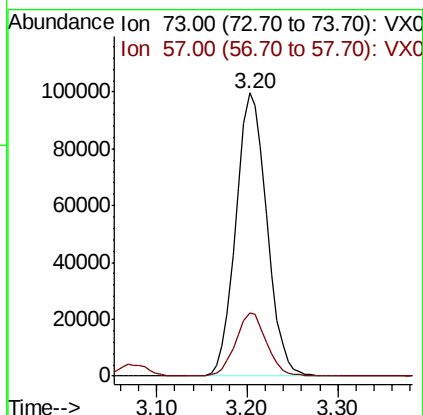
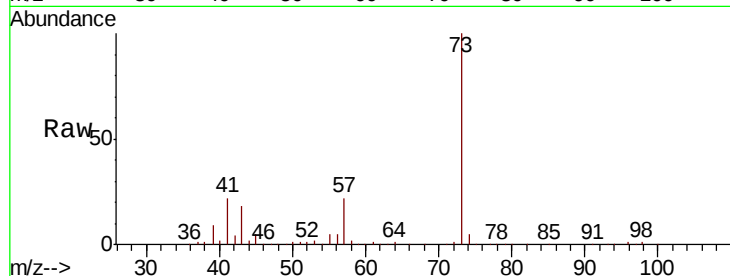


#19

Methyl tert-butyl Ether
 Concen: 20.28 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Instrument :
 MSVOA_X
 ClientSampled :
 VX0829WBS01

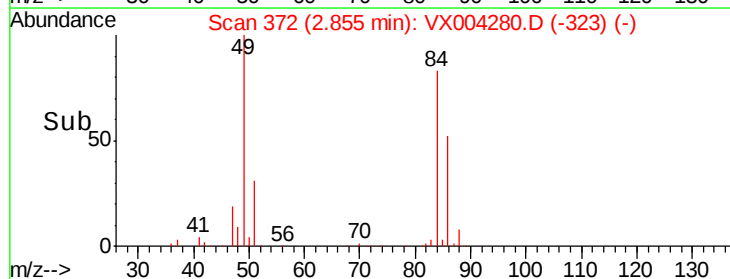
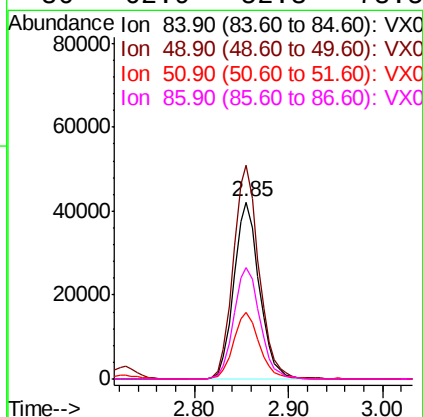
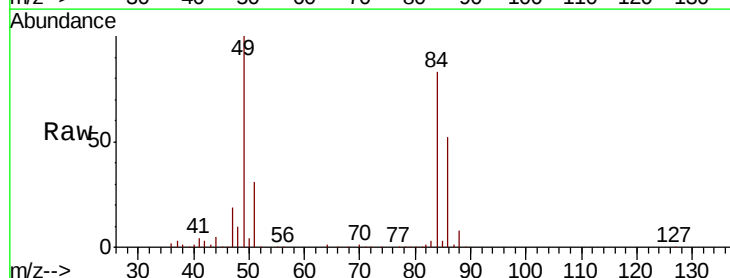
Tot Ion: 73 Resp: 236483
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.1 25.7

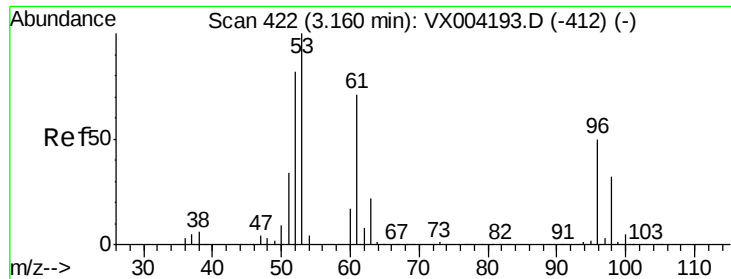


#20

Methylene Chloride
 Concen: 18.95 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Tgt Ion: 84 Resp: 79385
 Ion Ratio Lower Upper
 84 100
 49 120.5 101.2 151.8
 51 37.3 29.5 44.3
 86 62.9 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.73 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

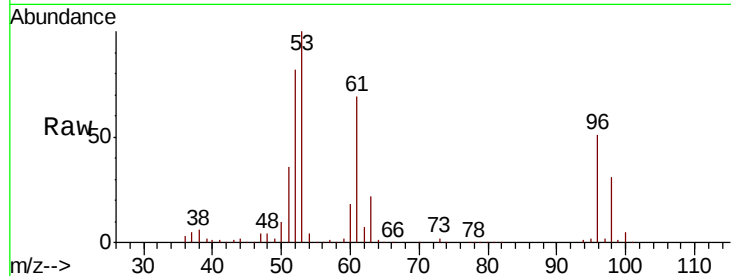
Tot Ion: 96 Resp: 73342

Ion Ratio Lower Upper

96 100

61 134.4 113.8 170.6

98 61.5 51.8 77.8

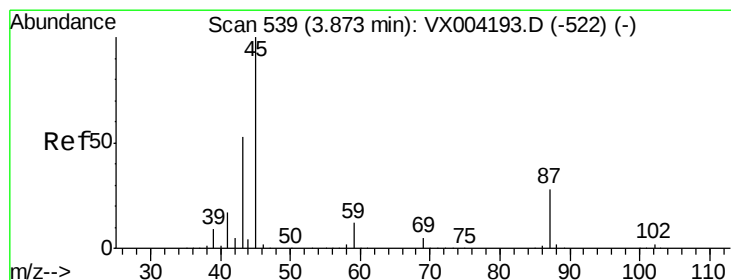
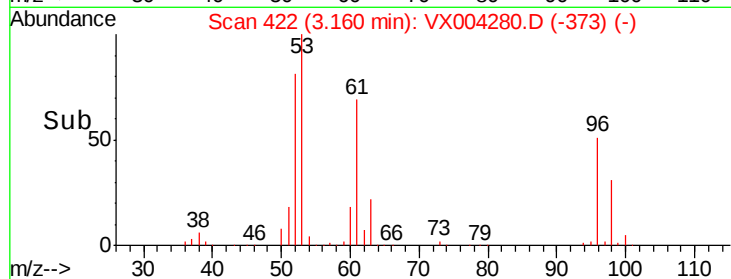
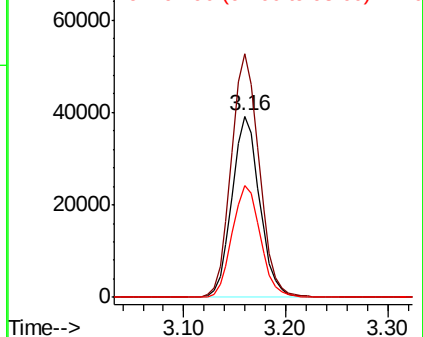


Abundance

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: 19.39 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Tgt Ion: 45 Resp: 235342

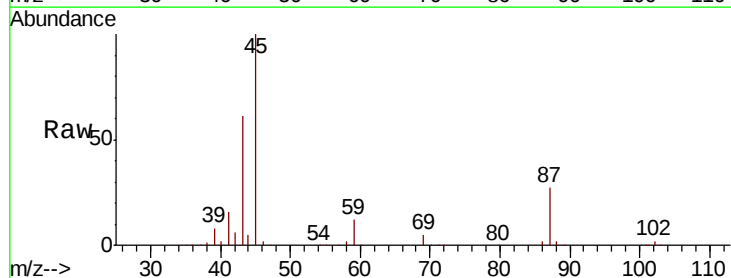
Ion Ratio Lower Upper

45 100

43 60.4 42.8 64.2

87 27.3 22.6 34.0

59 12.1 9.6 14.4



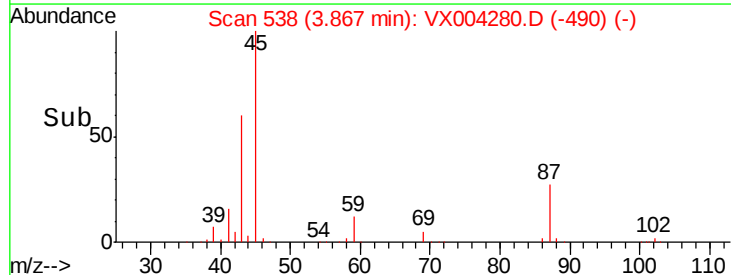
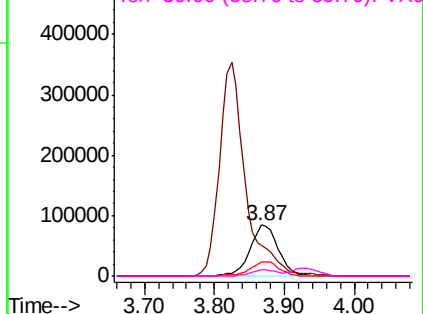
Abundance

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

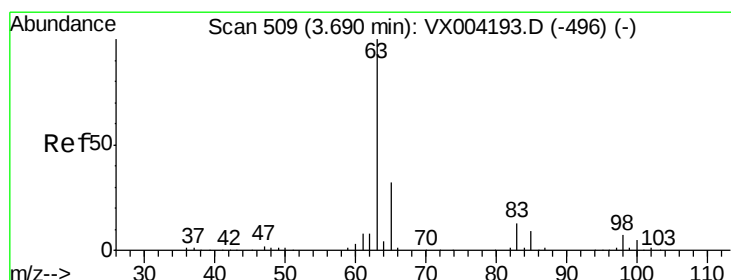
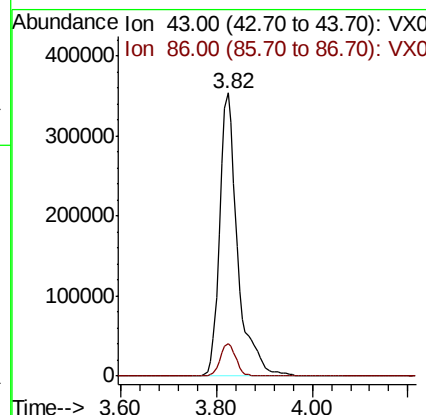
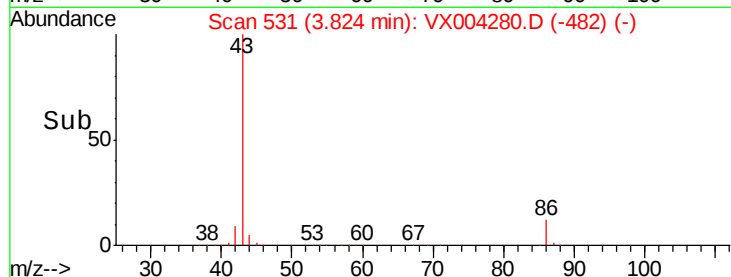
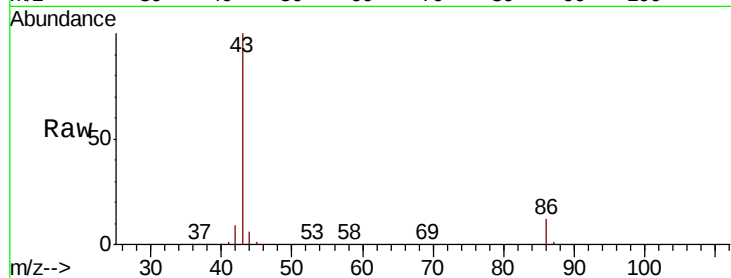




#23
 Vinyl Acetate
 Concen: 93.58 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

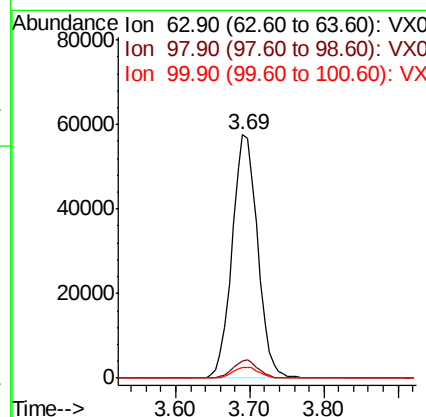
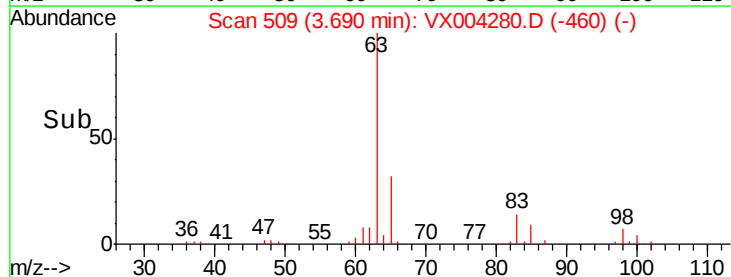
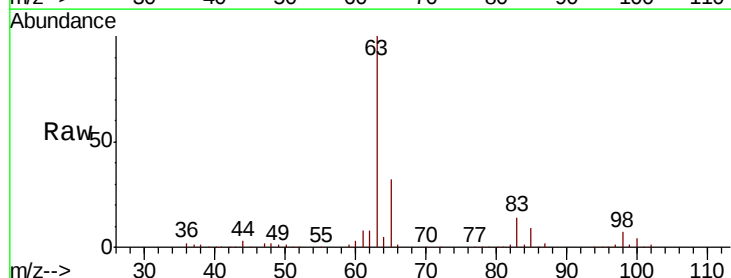
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS01

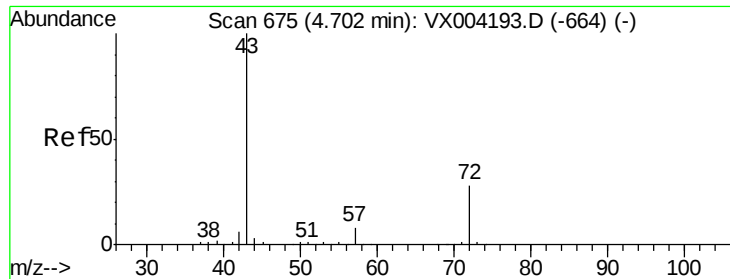
Tot Ion: 43 Resp: 920487
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 19.50 ug/l
 RT: 3.69 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Tgt Ion: 63 Resp: 137928
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.2 2.4 7.1





#25

2-Butanone

Concen: 97.30 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampled :

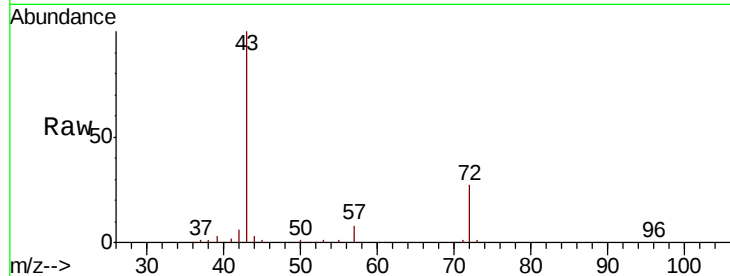
VX0829WBS01

Tot Ion: 43 Resp: 288865

Ion Ratio Lower Upper

43 100

72 27.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

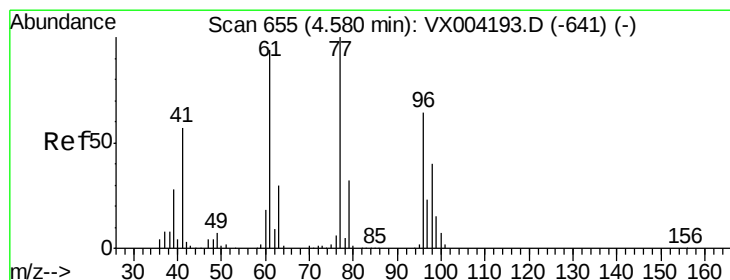
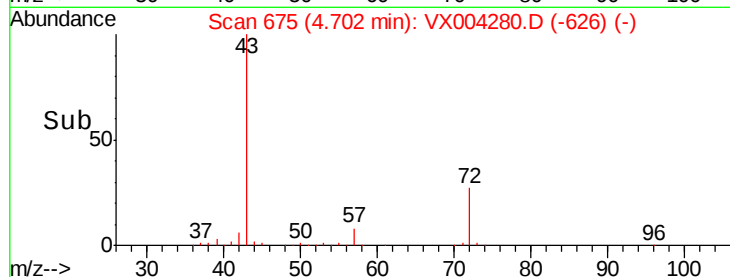
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.17 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004280.D

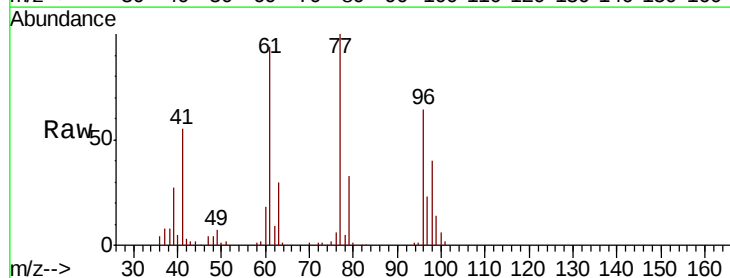
Acq: 29 Aug 2018 09:36

Tgt Ion: 77 Resp: 106359

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

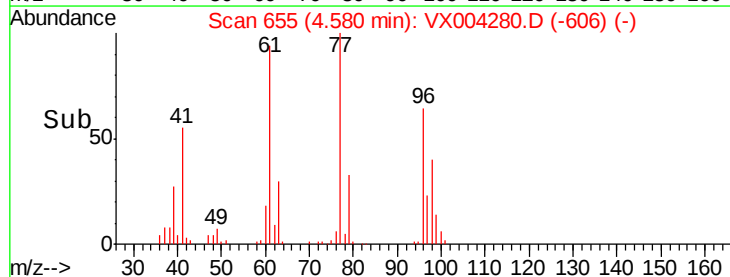
20000

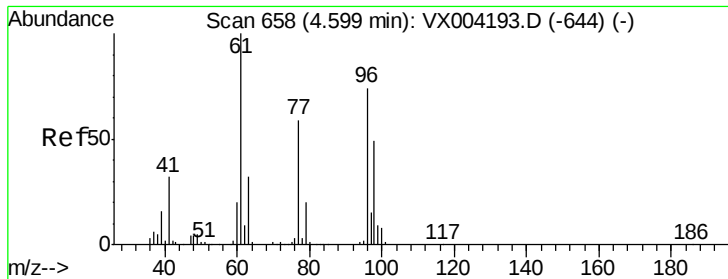
10000

0

4.40 4.50 4.60 4.70

Time-->



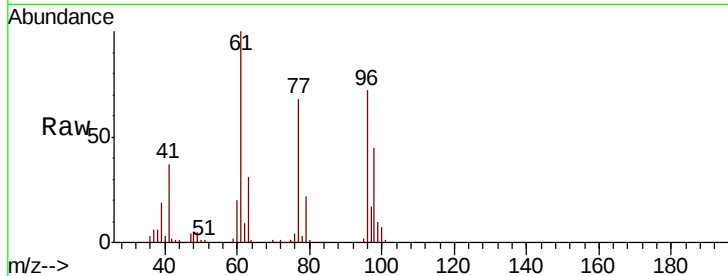


#27

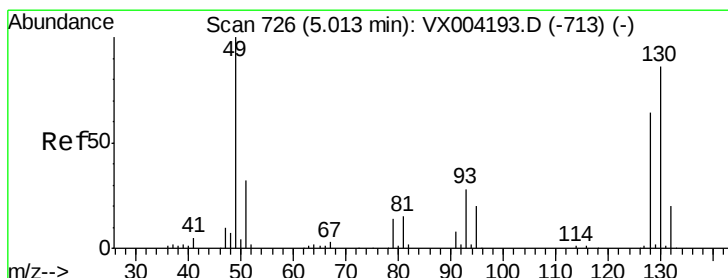
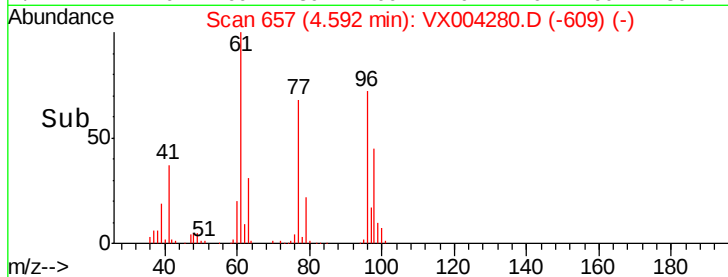
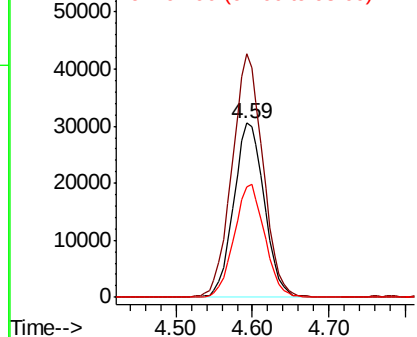
cis-1,2-Dichloroethene
 Concen: 19.07 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS01

Tot Ion	96	Resp	84702
Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	282.6
98	64.5	0.0	130.2



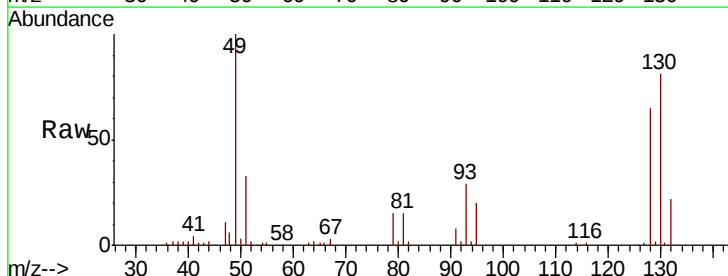
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



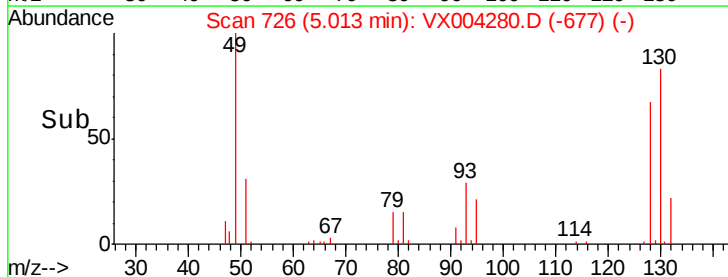
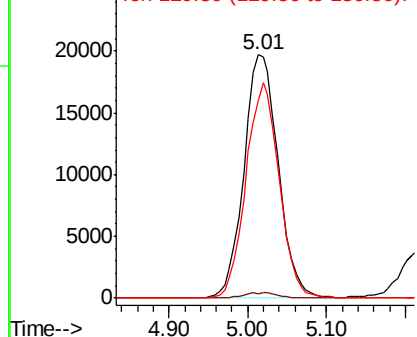
#28

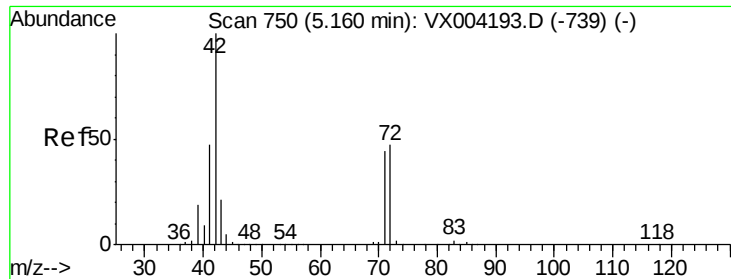
Bromochloromethane
 Concen: 19.05 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Tgt Ion	49	Resp	59649
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	85.3	67.5	101.3



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: 98.25 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

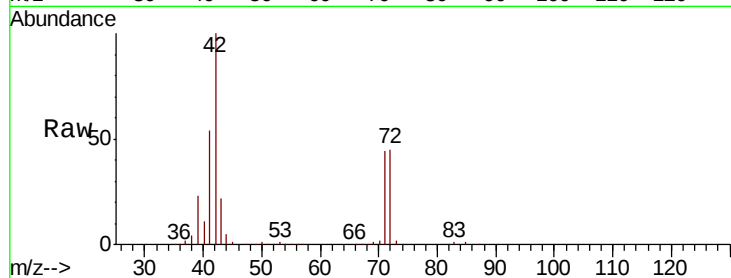
Tot Ion: 42 Resp: 183743

Ion Ratio Lower Upper

42 100

72 47.2 37.4 56.0

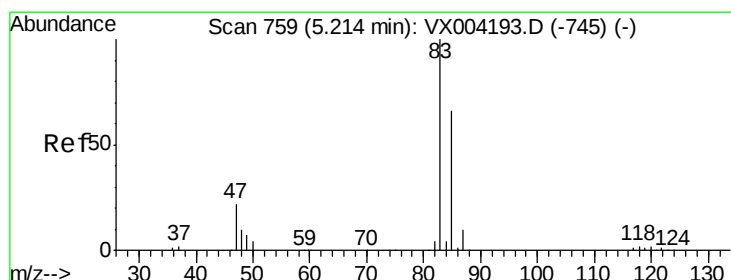
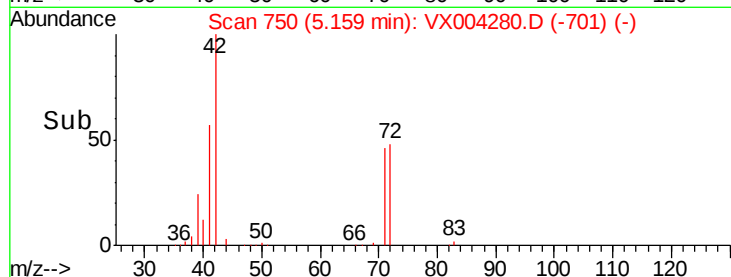
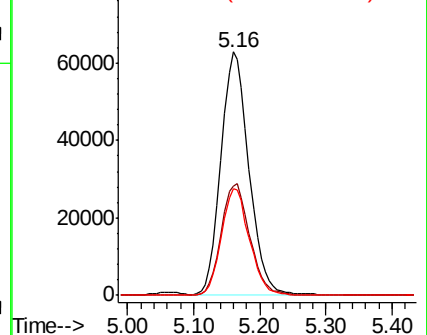
71 43.8 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.25 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004280.D

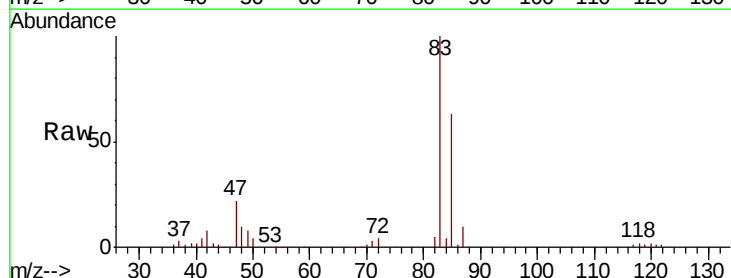
Acq: 29 Aug 2018 09:36

Tgt Ion: 83 Resp: 136500

Ion Ratio Lower Upper

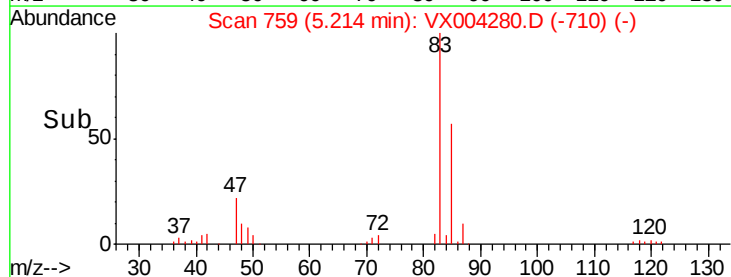
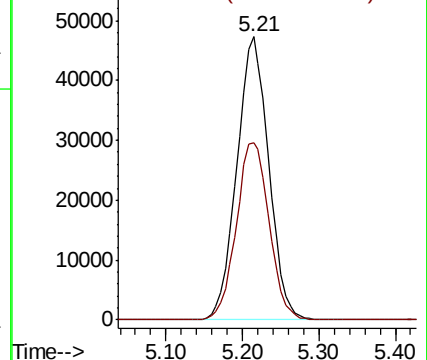
83 100

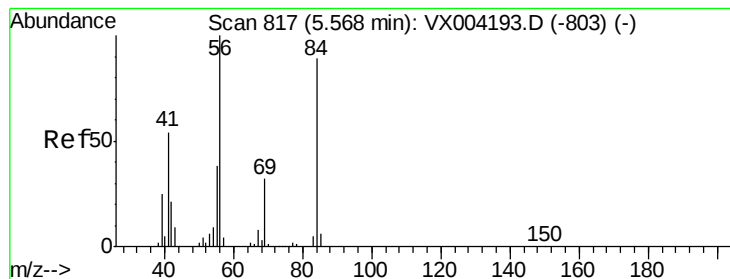
85 62.5 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.39 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

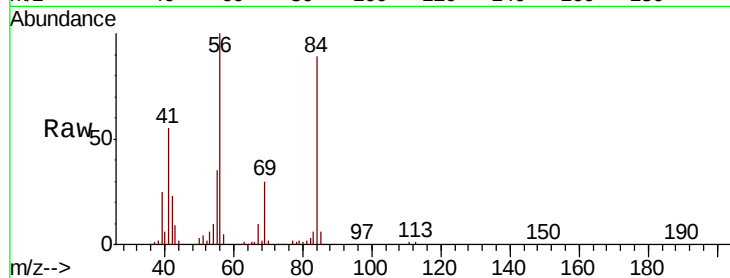
Tot Ion: 56 Resp: 112242

Ion Ratio Lower Upper

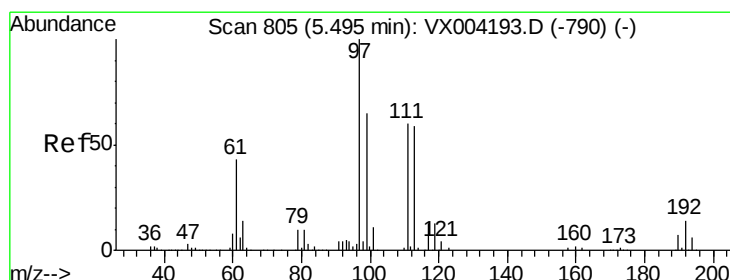
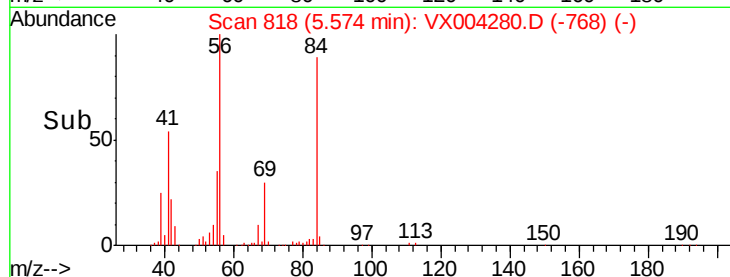
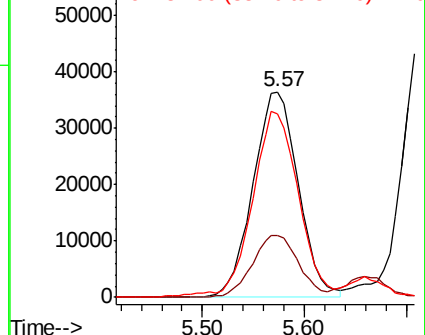
56 100

69 30.4 25.4 38.2

84 87.3 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.46 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

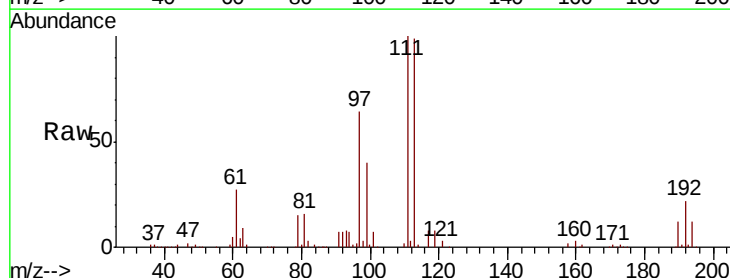
Tgt Ion: 97 Resp: 115081

Ion Ratio Lower Upper

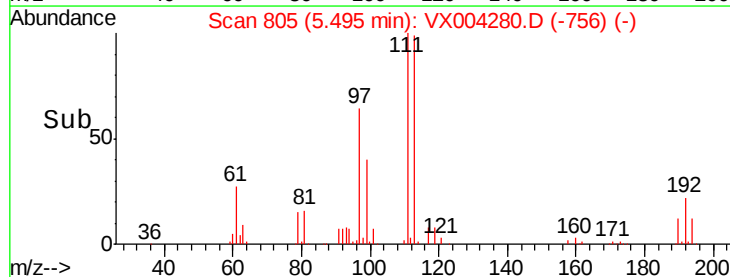
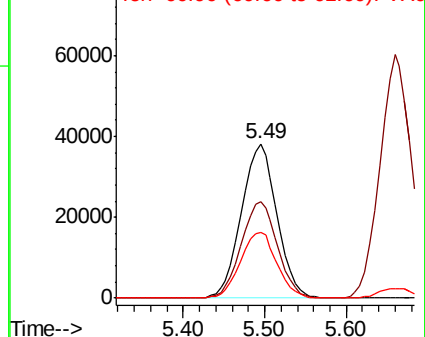
97 100

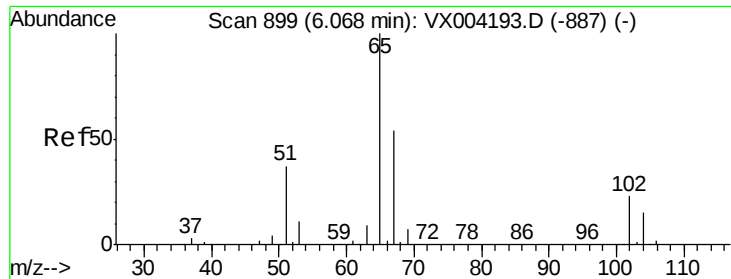
99 63.8 52.0 78.0

61 43.7 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

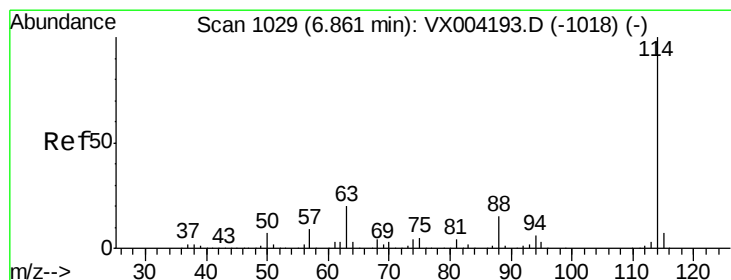
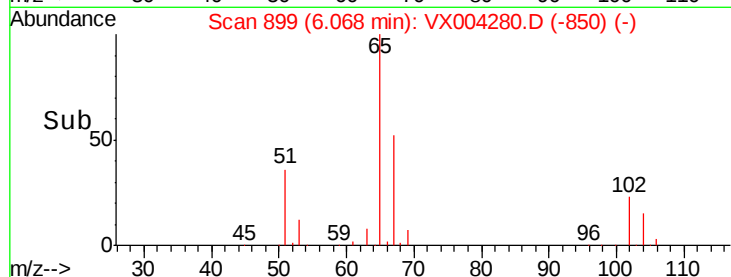
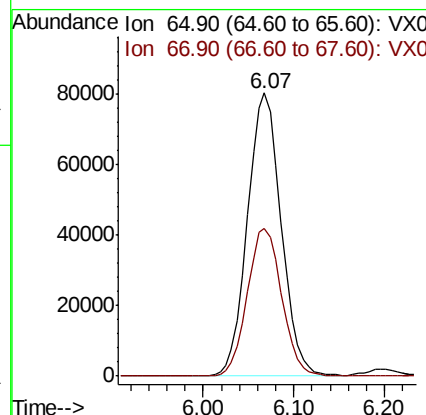
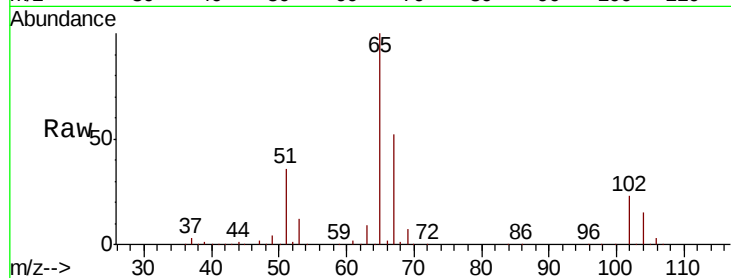




#33
 1,2-Dichloroethane-d4
 Concen: 47.42 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

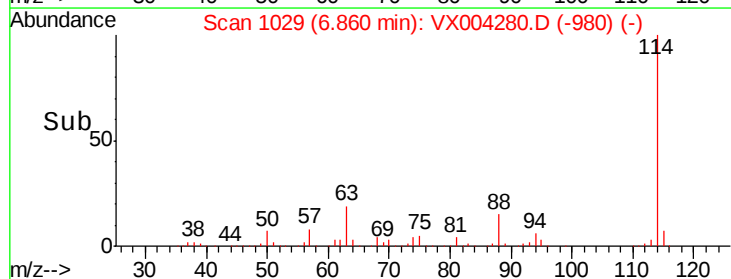
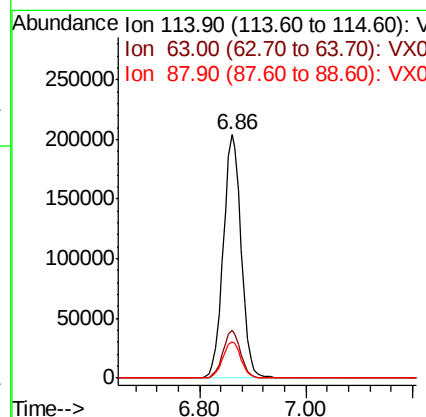
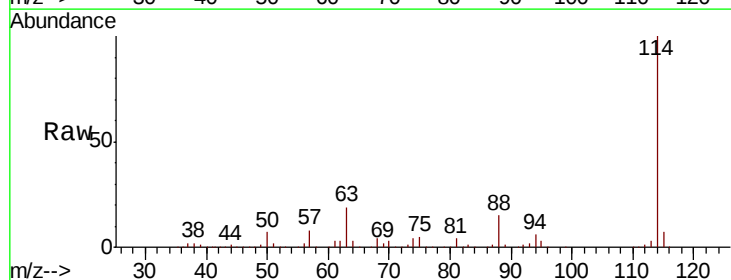
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS01

Tot Ion: 65 Resp: 206404
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Tgt Ion: 114 Resp: 480438
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.0 0.0 30.4

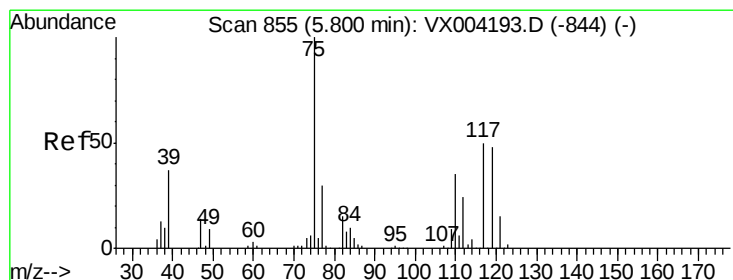
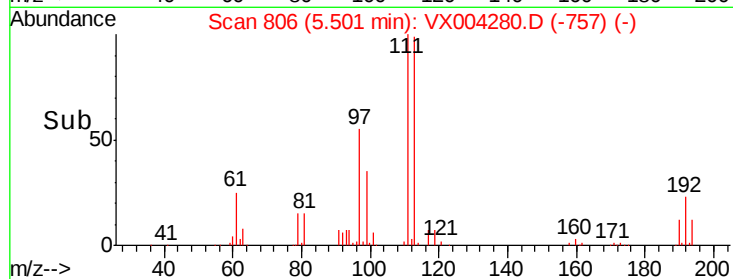
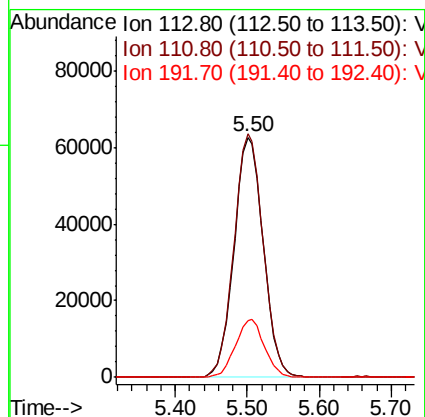
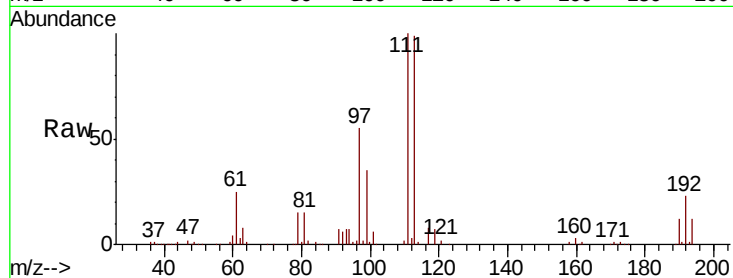




#35
 Dibromofluoromethane
 Concen: 49.45 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

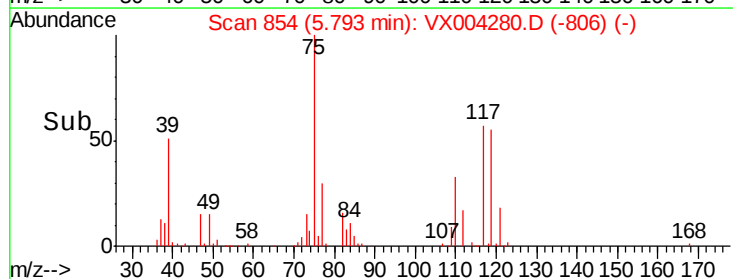
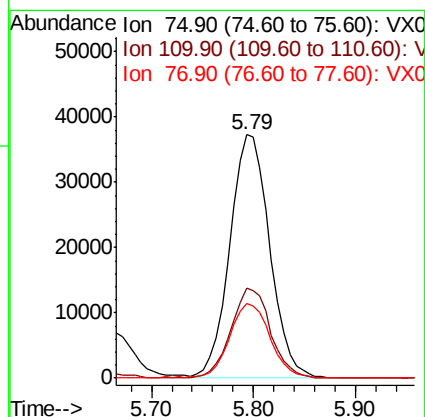
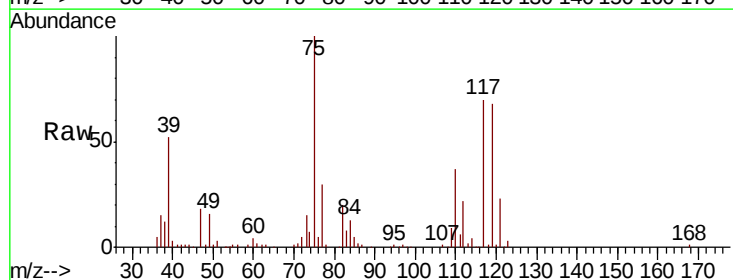
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS01

Tot Ion:113 Resp: 176730
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.4 123.6
 192 23.8 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 18.62 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Tgt Ion: 75 Resp: 100553
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.0 54.0
 77 31.2 24.6 36.8





#37

Ethyl Acetate

Concen: 19.69 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

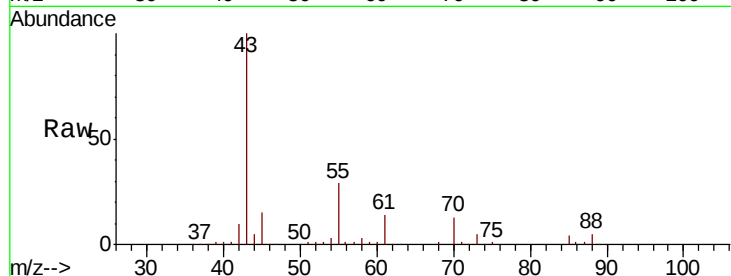
Tot Ion: 43 Resp: 104594

Ion Ratio Lower Upper

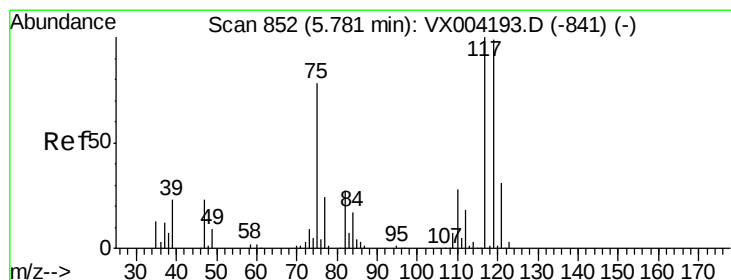
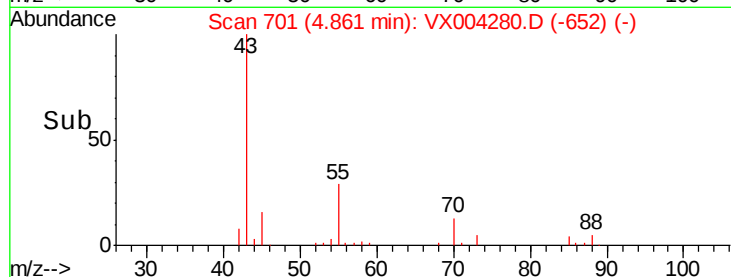
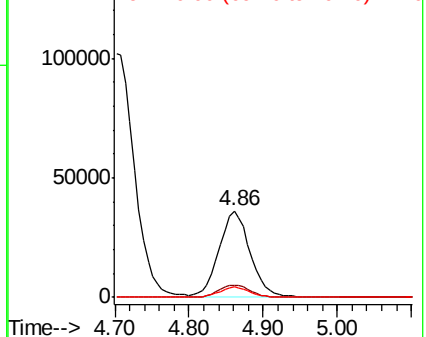
43 100

61 14.6 11.5 17.3

70 11.7 9.0 13.6



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: 19.21 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

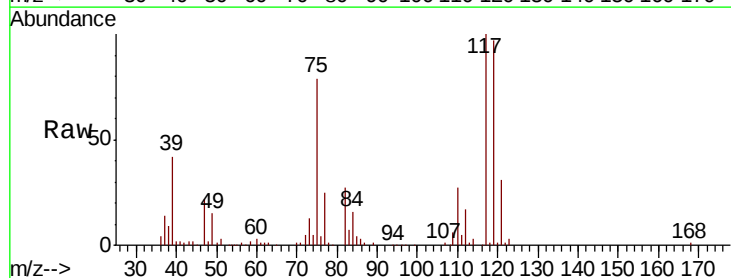
Tgt Ion: 117 Resp: 97607

Ion Ratio Lower Upper

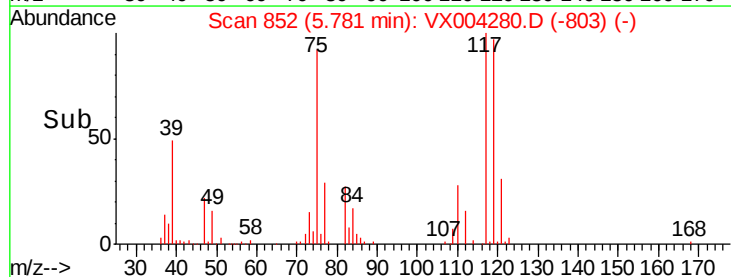
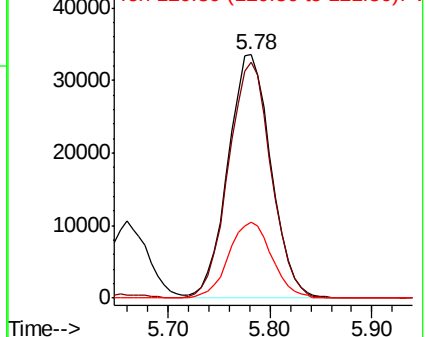
117 100

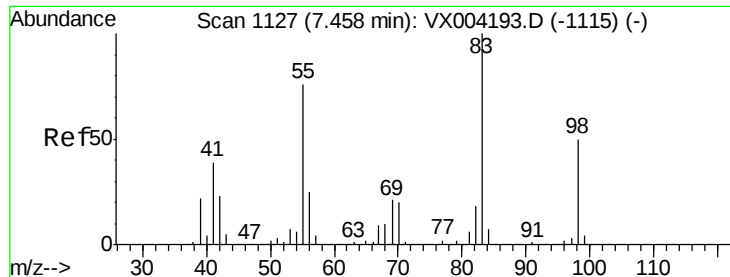
119 96.7 78.8 118.2

121 31.3 24.9 37.3



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

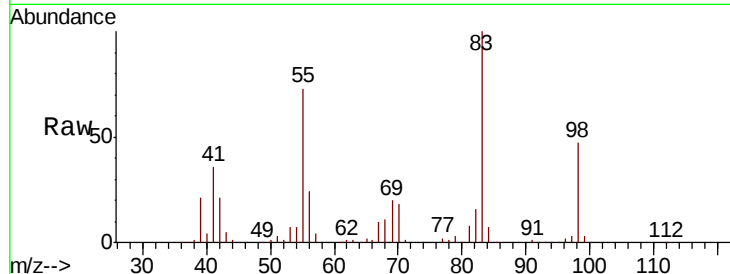




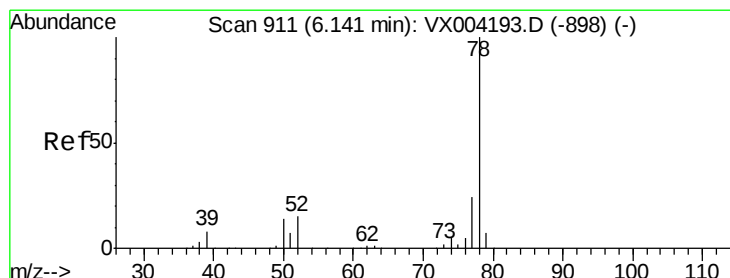
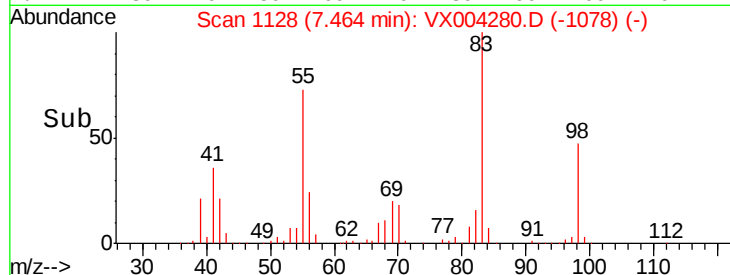
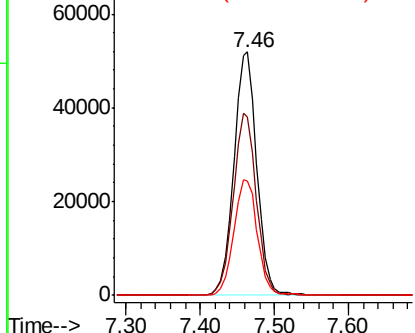
#39
Methvlcvclohexane
Concen: 18.16 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

Instrument :
MSVOA_X
ClientSampled :
VX0829WBS01

Tot Ion: 83 Resp: 111982
Ion Ratio Lower Upper
83 100
55 73.5 61.0 91.4
98 47.0 39.6 59.4

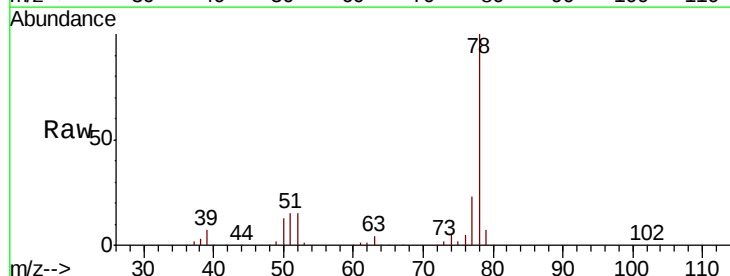


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

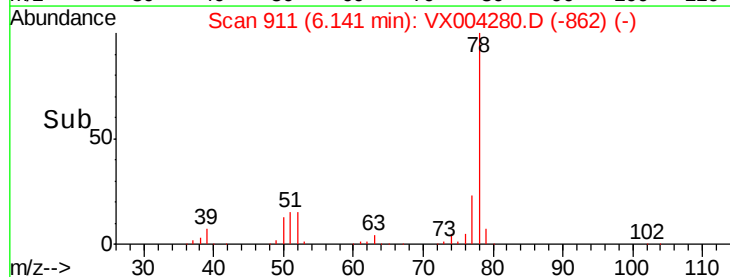
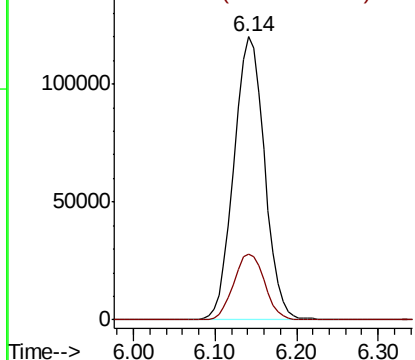


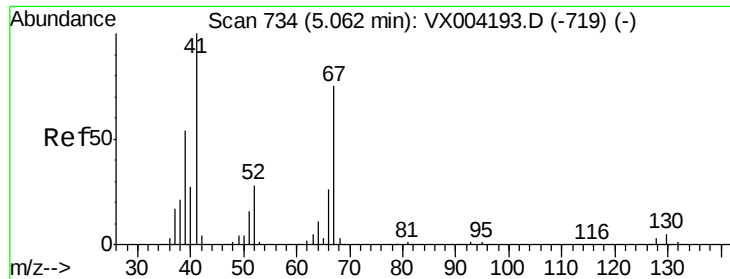
#40
Benzene
Concen: 19.38 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

Tgt Ion: 78 Resp: 312838
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4



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

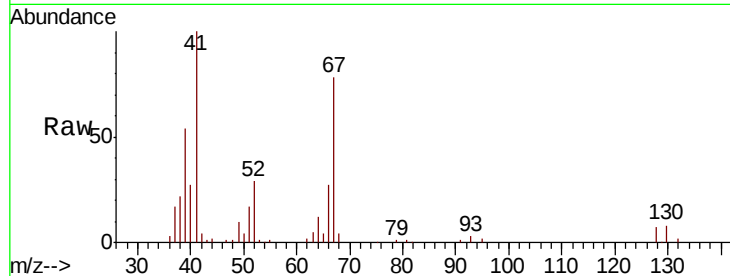




#41
Methacrylonitrile
Concen: 19.30 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

Instrument :
MSVOA_X
ClientSampled :
VX0829WBS01

Tot Ion:	41	Resp:	59441
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.4	63.6
67	76.3	59.2	88.8
52	30.2	23.0	34.4



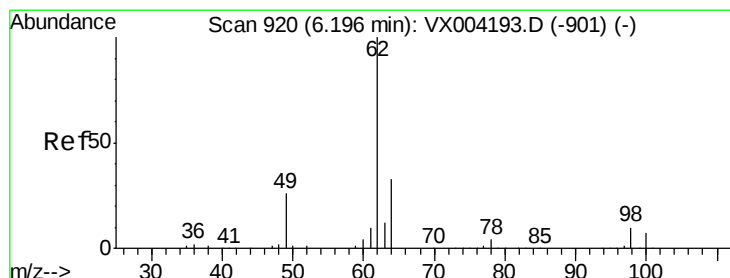
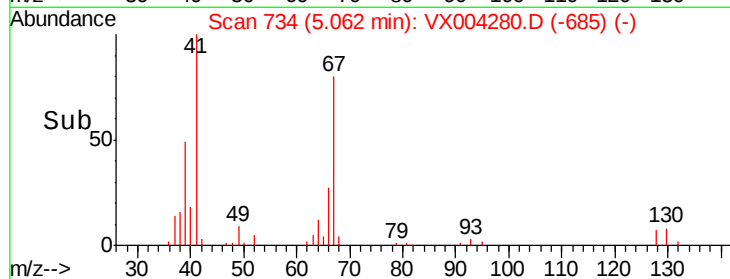
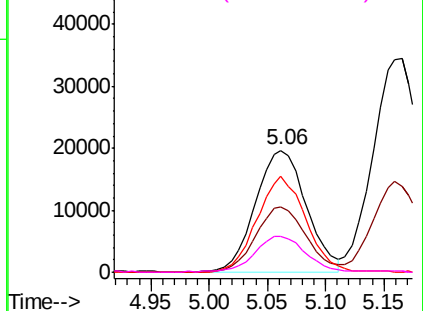
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

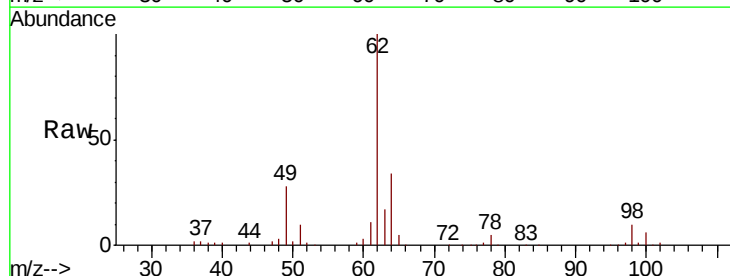
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.46 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

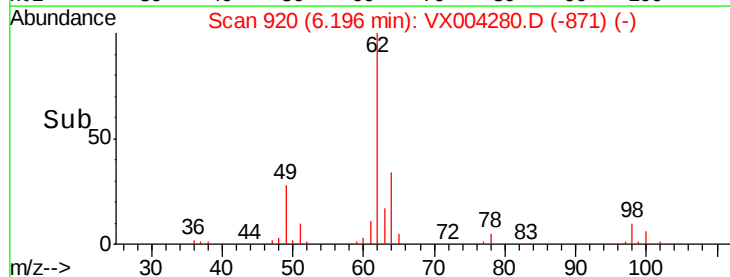
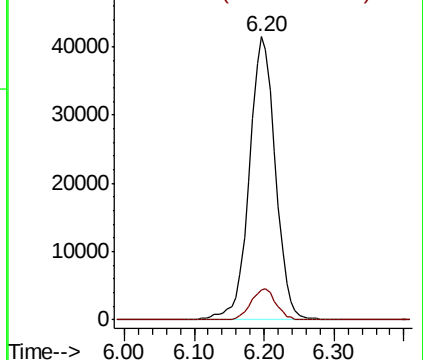
Tgt Ion:	62	Resp:	107113
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.6



Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.87 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

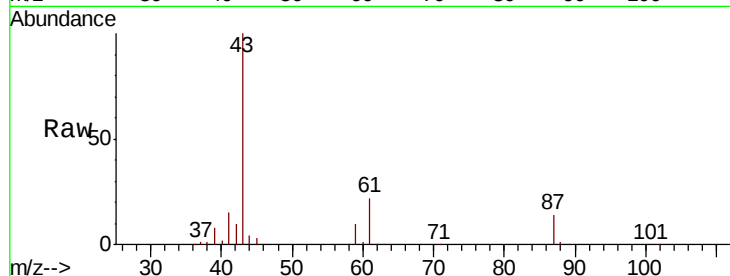
Tot Ion: 43 Resp: 162174

Ion Ratio Lower Upper

43 100

61 21.4 17.0 25.4

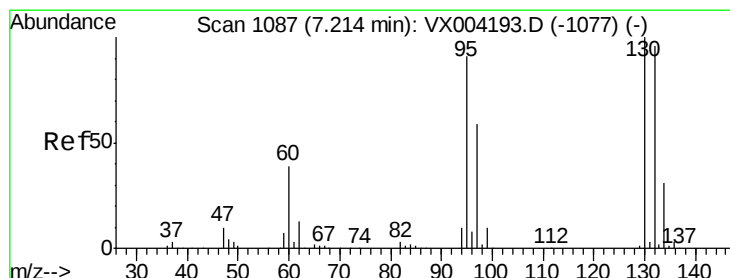
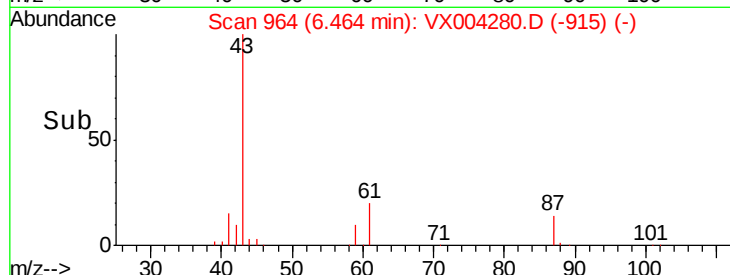
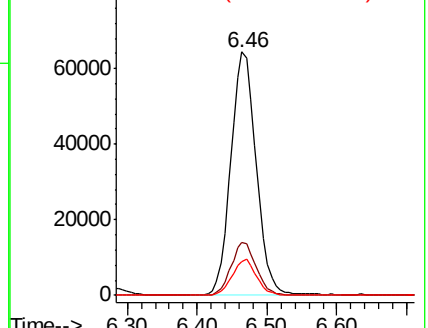
87 14.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.16 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004280.D

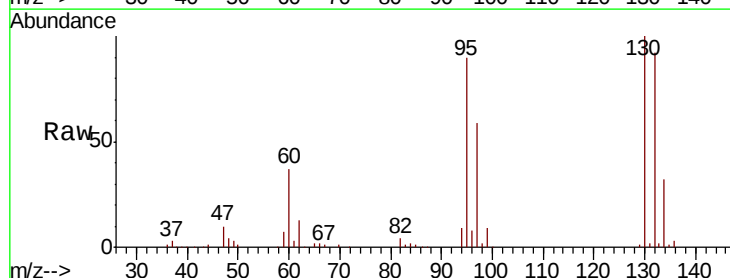
Acq: 29 Aug 2018 09:36

Tgt Ion:130 Resp: 85587

Ion Ratio Lower Upper

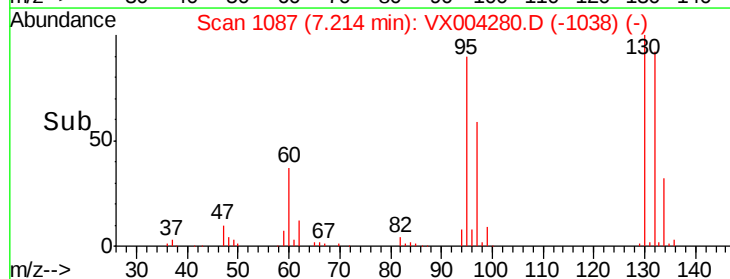
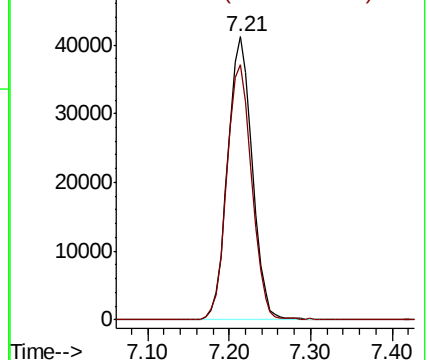
130 100

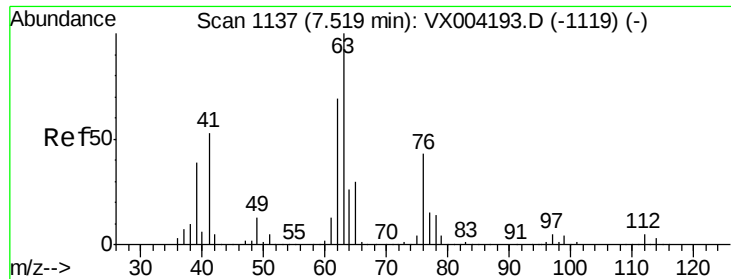
95 90.0 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.67 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

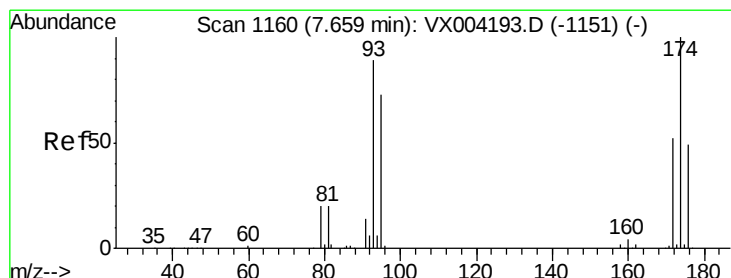
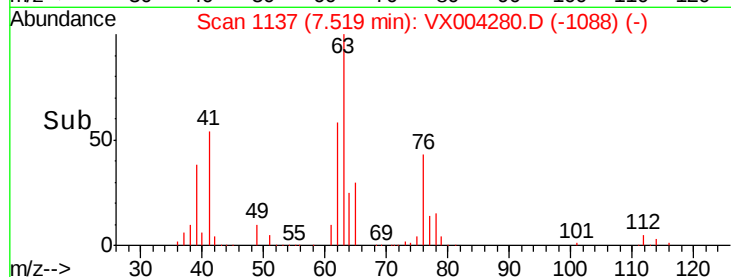
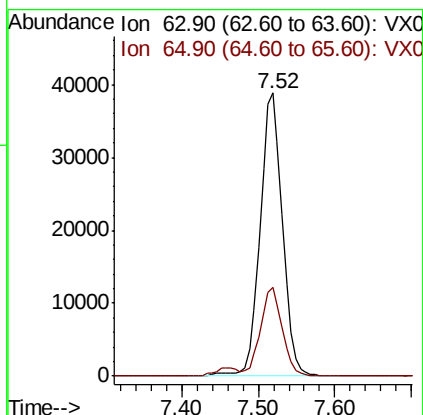
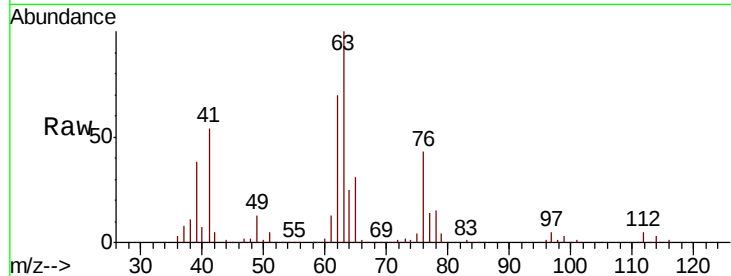
VX0829WBS01

Tot Ion: 63 Resp: 79454

Ion Ratio Lower Upper

63 100

65 31.4 24.3 36.5



#46

Dibromomethane

Concen: 19.22 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

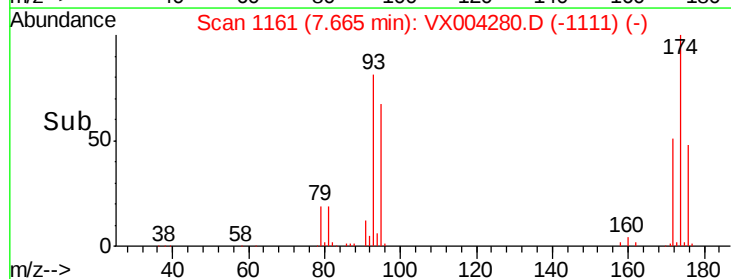
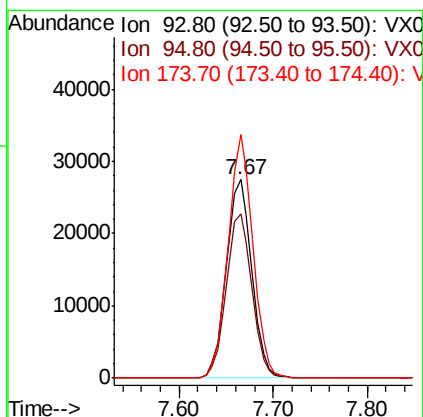
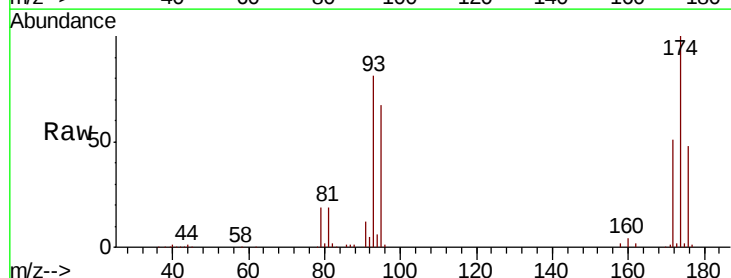
Tgt Ion: 93 Resp: 51682

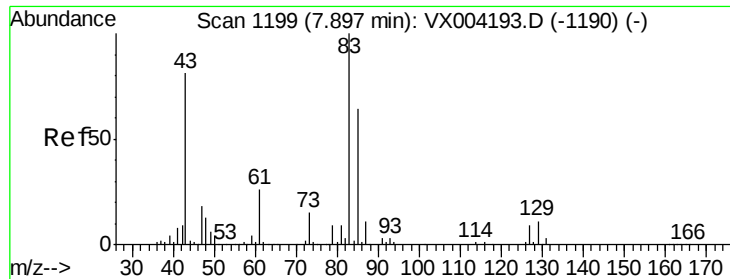
Ion Ratio Lower Upper

93 100

95 83.5 65.5 98.3

174 119.7 94.2 141.4





#47

Bromodichloromethane

Concen: 19.56 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

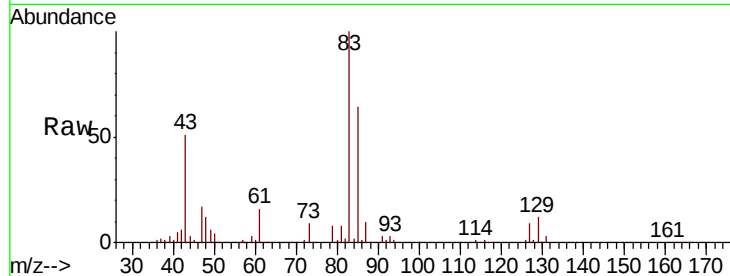
Tot Ion: 83 Resp: 97875

Ion Ratio Lower Upper

83 100

85 63.8 50.9 76.3

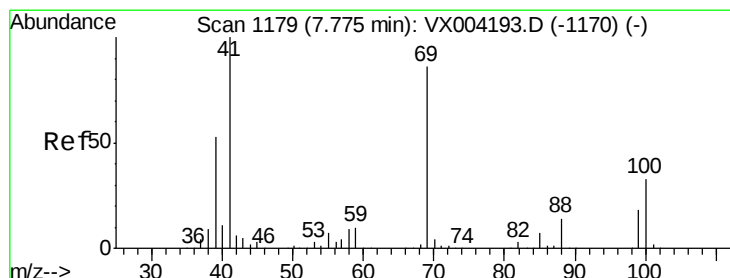
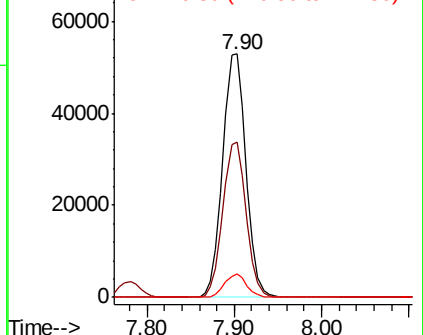
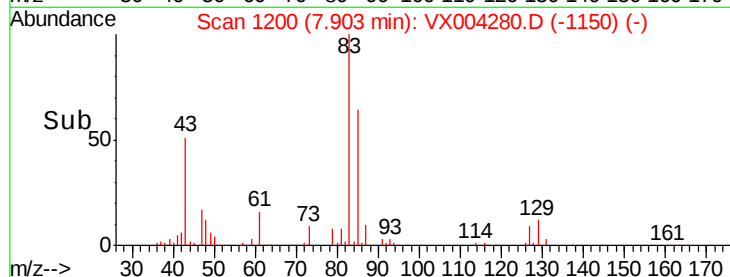
127 9.4 7.3 10.9



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: 19.57 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

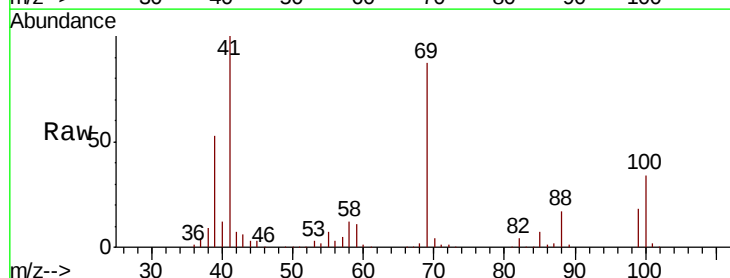
Tgt Ion: 41 Resp: 85489

Ion Ratio Lower Upper

41 100

69 88.6 70.2 105.4

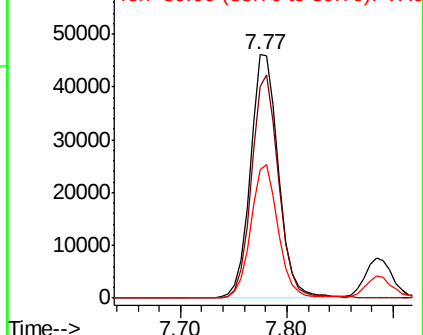
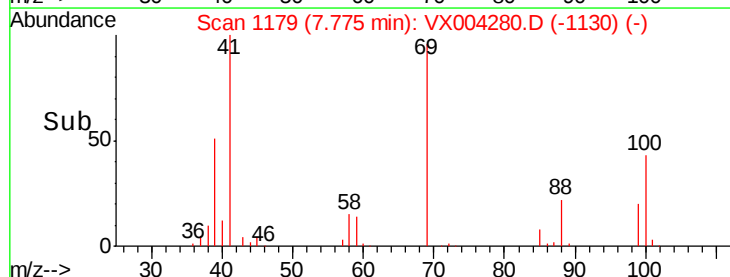
39 52.9 42.7 64.1

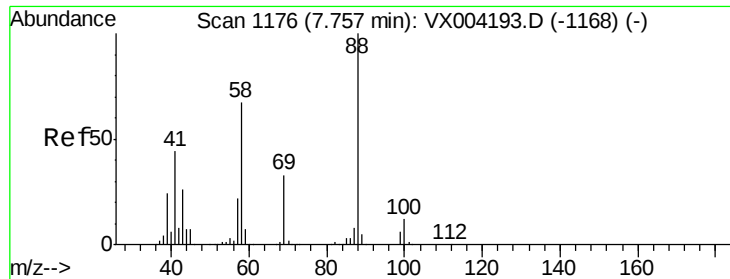


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 402.51 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

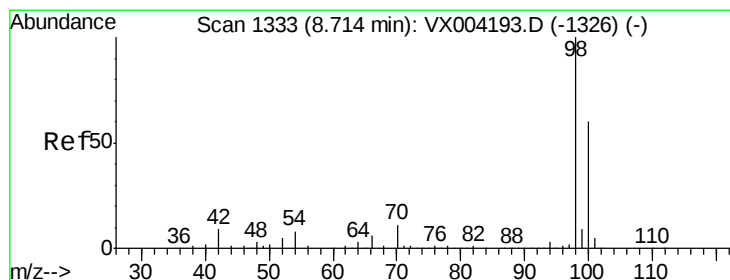
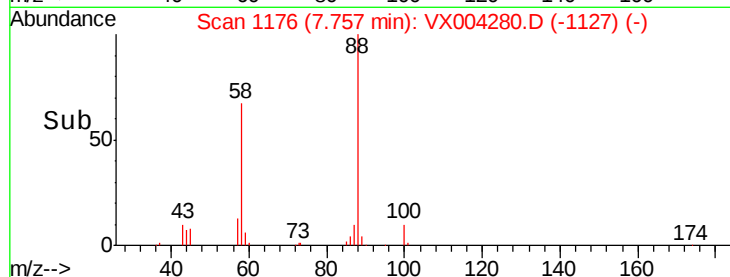
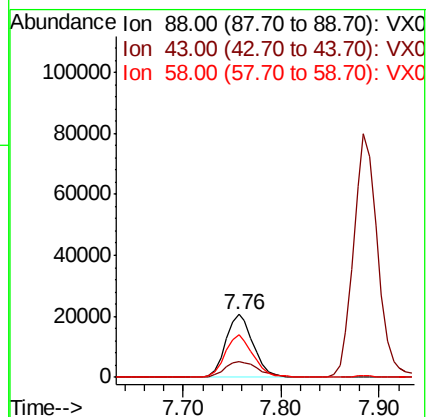
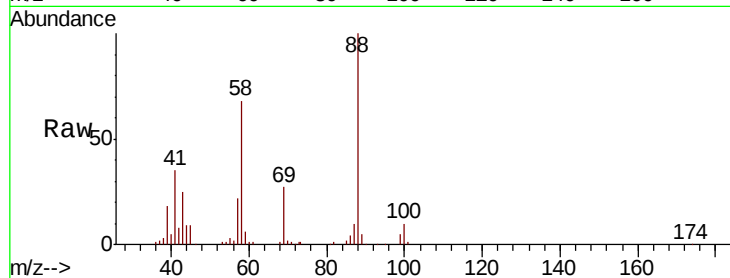
Tot Ion: 88 Resp: 39914

Ion Ratio Lower Upper

88 100

43 30.5 24.7 37.1

58 68.8 55.3 82.9



#50

Toluene-d8

Concen: 48.66 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004280.D

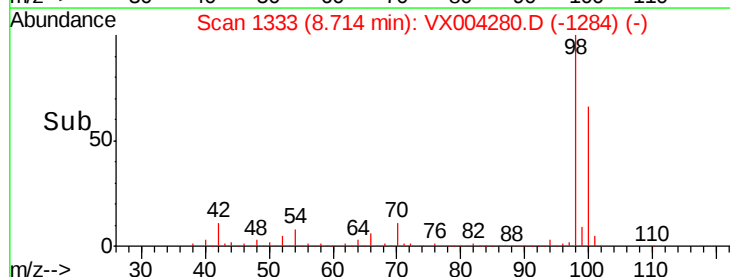
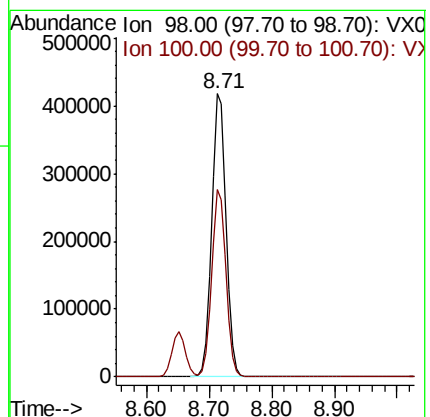
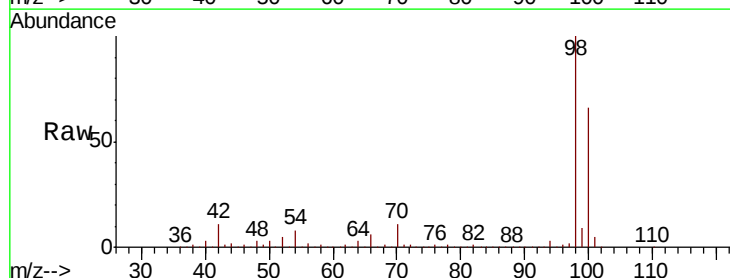
Acq: 29 Aug 2018 09:36

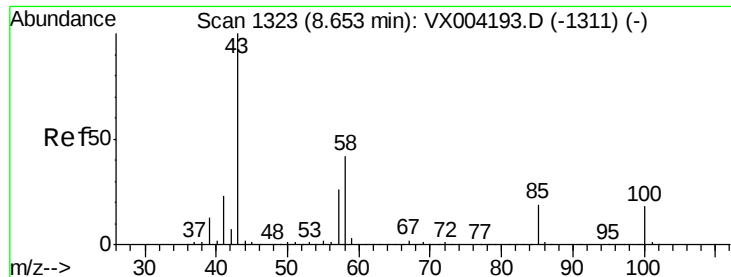
Tgt Ion: 98 Resp: 656524

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 95.08 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampled :

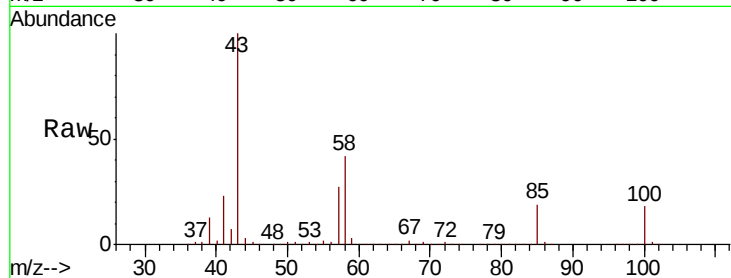
VX0829WBS01

Tot Ion: 43 Resp: 563902

Ion Ratio Lower Upper

43 100

58 41.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

400000

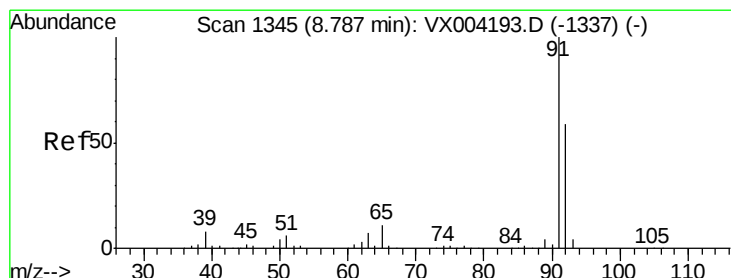
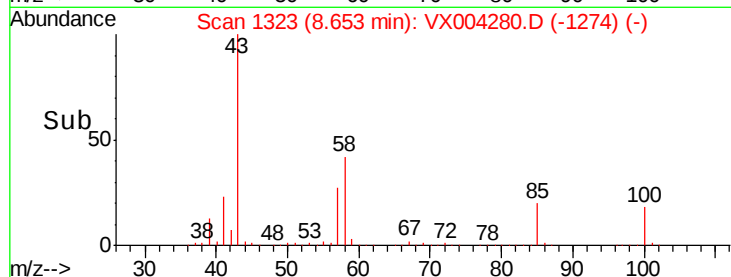
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.84 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004280.D

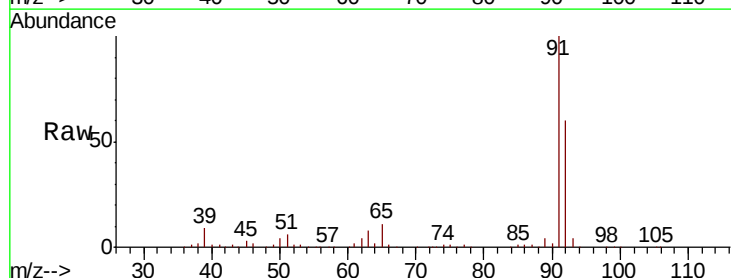
Acq: 29 Aug 2018 09:36

Tgt Ion: 92 Resp: 200453

Ion Ratio Lower Upper

92 100

91 169.4 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

250000

200000

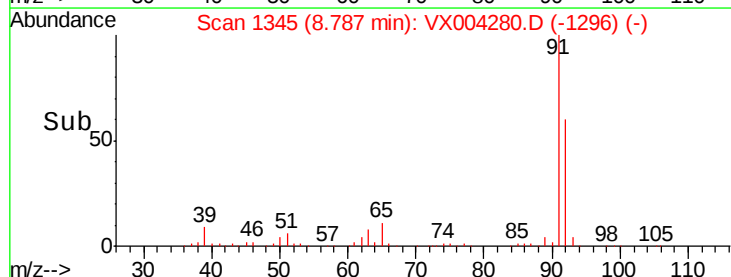
150000

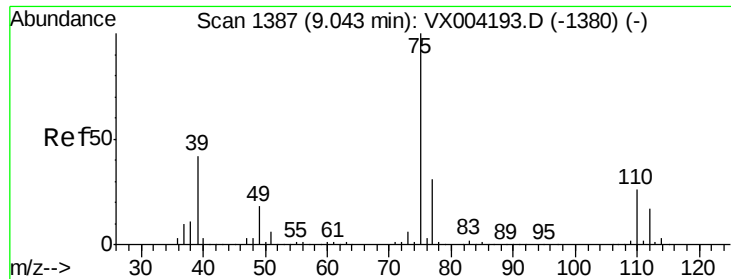
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.67 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

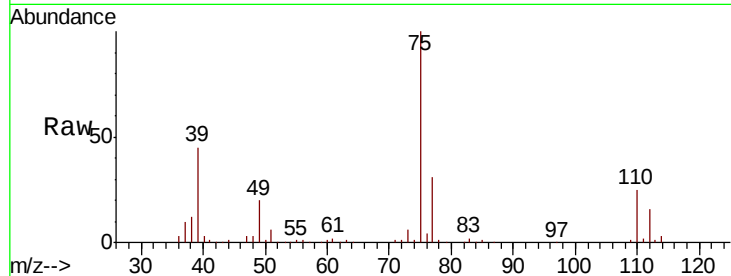
VX0829WBS01

Tot Ion: 75 Resp: 108724

Ion Ratio Lower Upper

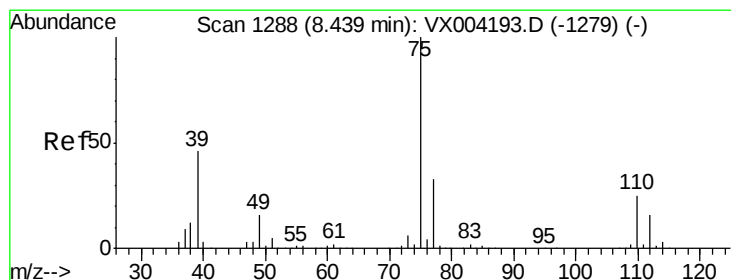
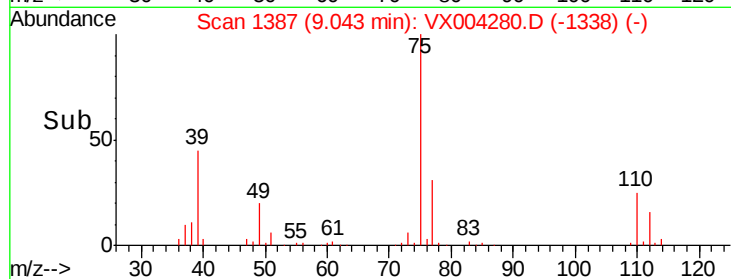
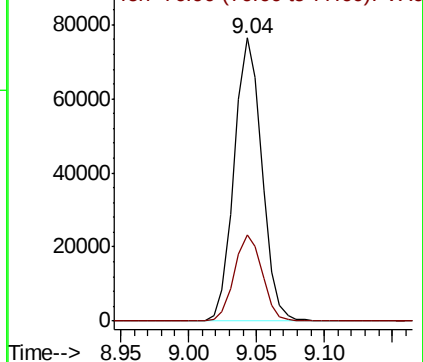
75 100

77 30.6 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.88 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

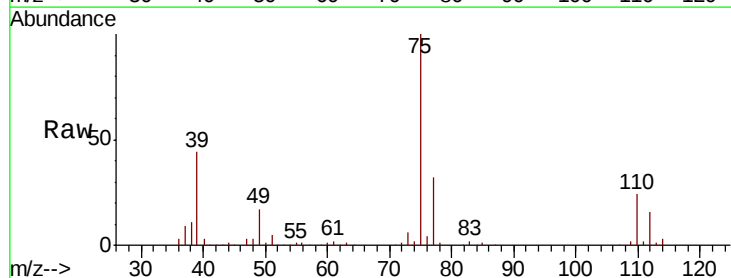
Tgt Ion: 75 Resp: 119714

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

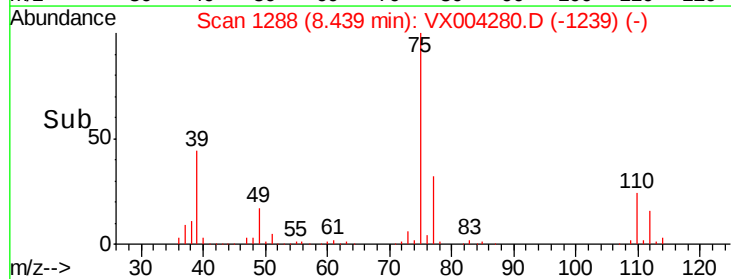
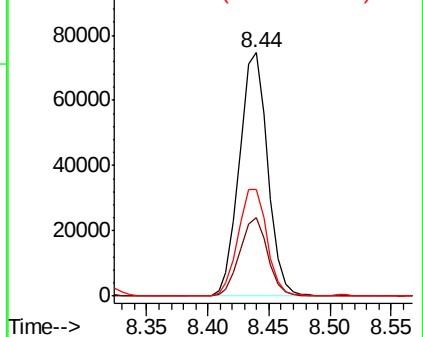
39 43.8 36.4 54.6

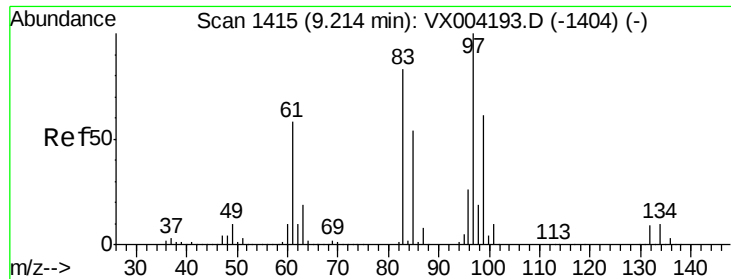


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

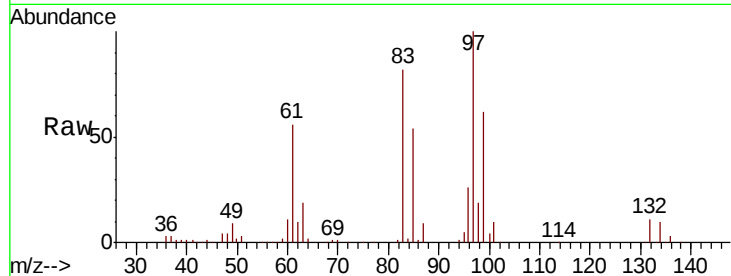




#55
 1,1,2-Trichloroethane
 Concen: 20.16 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS01

Tot Ion:	97	Resp:	82209
Ion	Ratio	Lower	Upper
97	100		
83	81.7	66.4	99.6
85	53.6	43.3	64.9
99	61.6	49.0	73.4



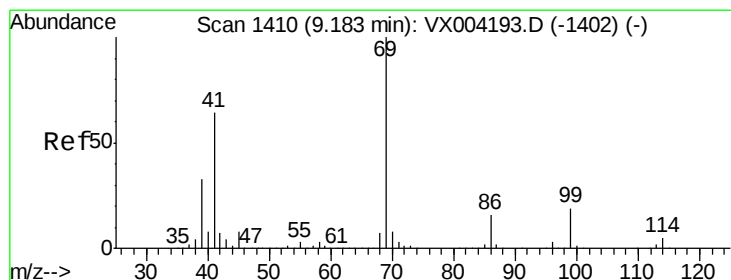
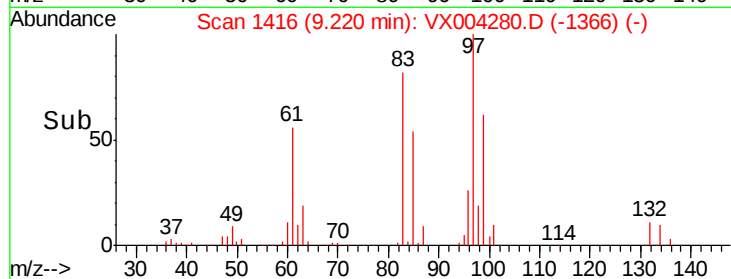
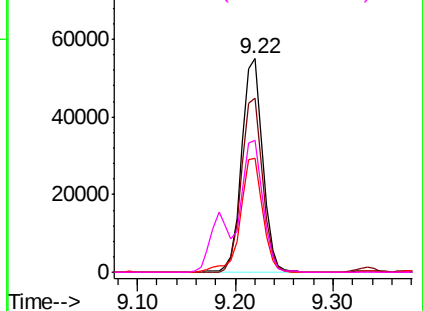
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

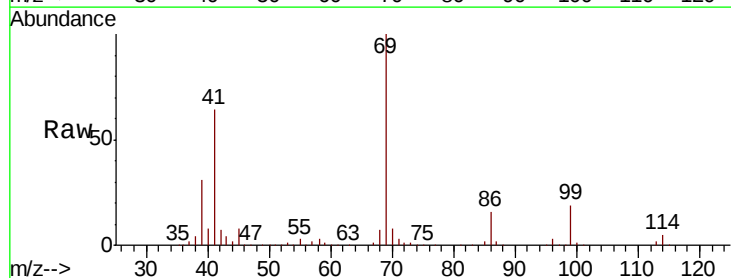
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 20.02 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Tgt Ion:	69	Resp:	111167
Ion	Ratio	Lower	Upper
69	100		
41	63.0	51.0	76.4
39	31.4	26.1	39.1

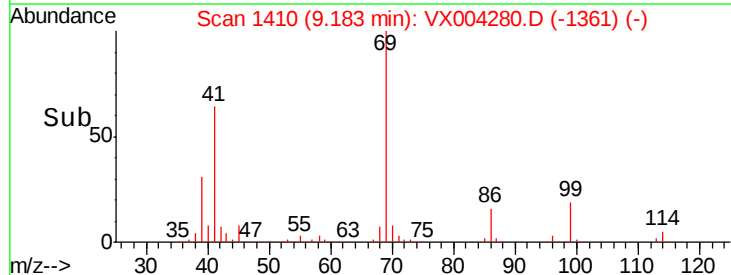
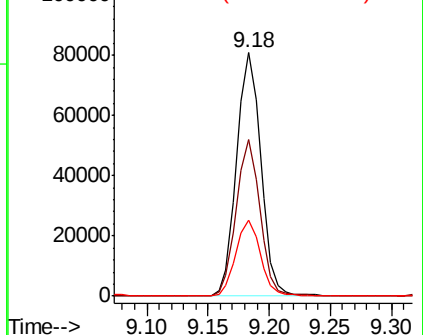


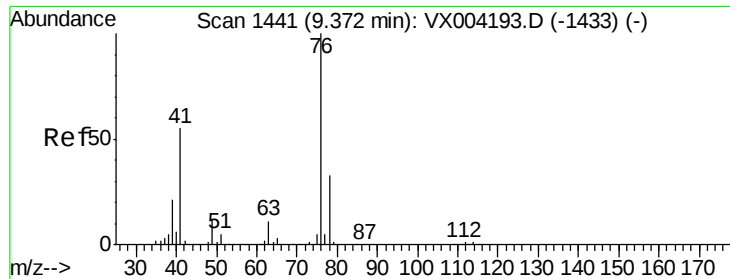
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.87 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampled :

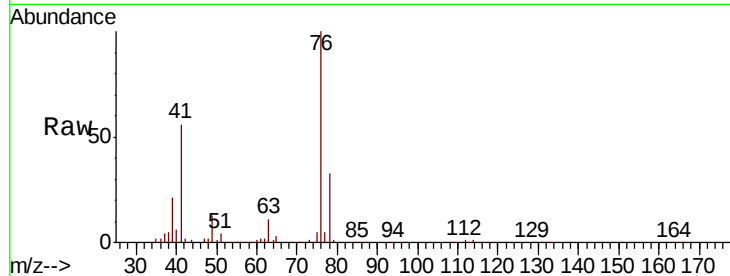
VX0829WBS01

Tot Ion: 76 Resp: 136590

Ion Ratio Lower Upper

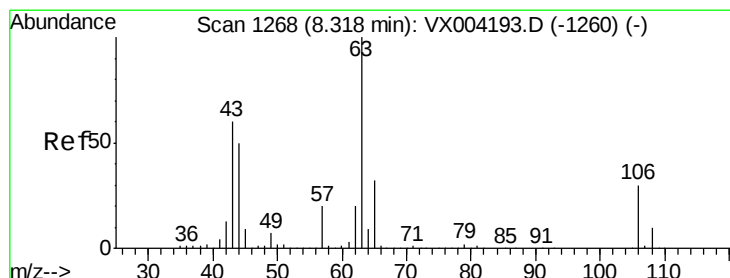
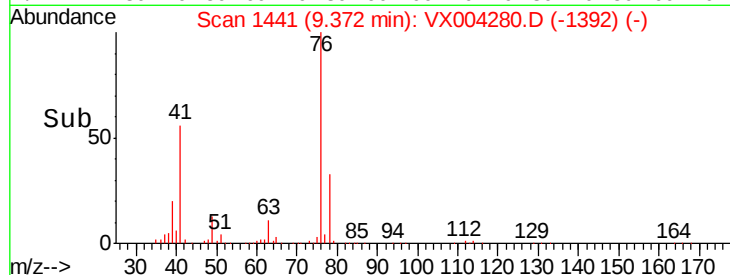
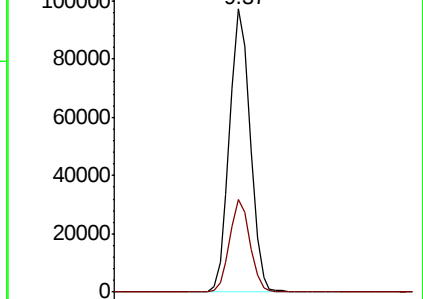
76 100

78 32.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 102.55 ug/l

RT: 8.31 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VX004280.D

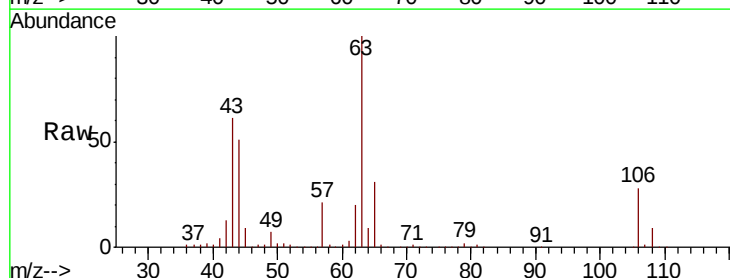
Acq: 29 Aug 2018 09:36

Tgt Ion: 63 Resp: 291704

Ion Ratio Lower Upper

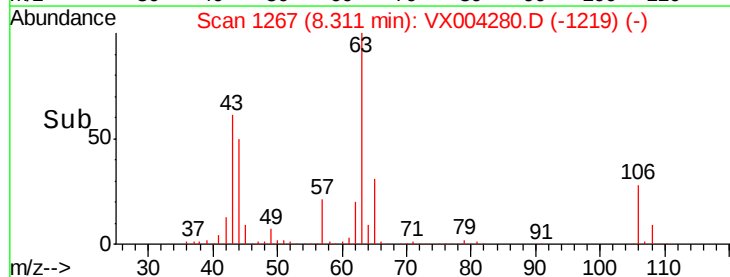
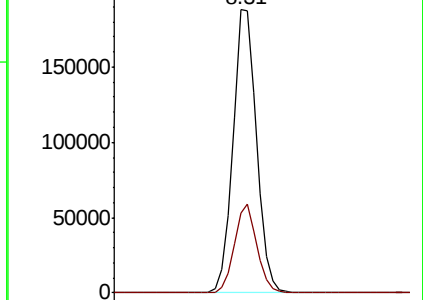
63 100

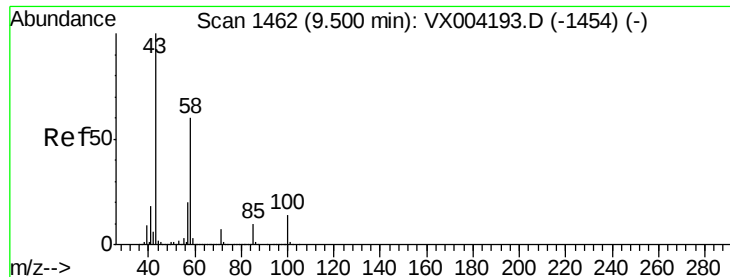
106 29.9 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

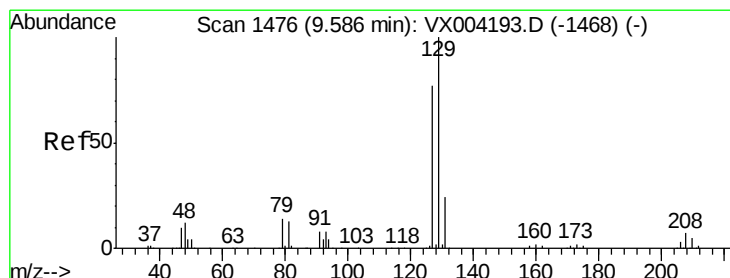
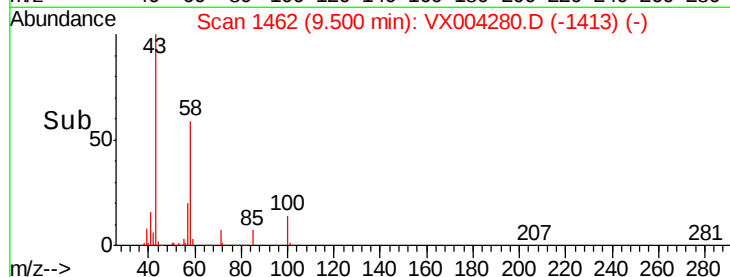
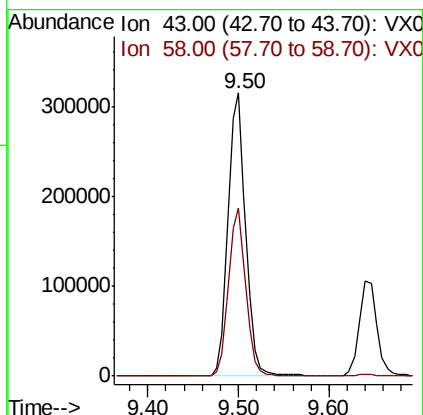
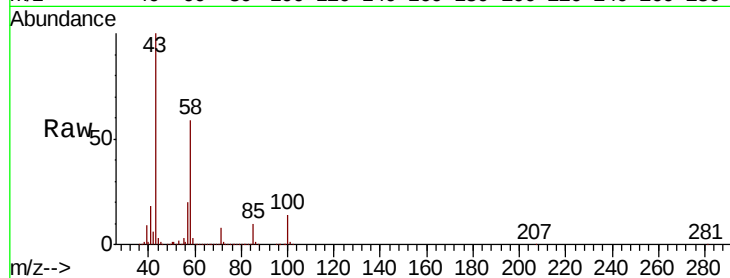




#59
2-Hexanone
Concen: 93.74 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

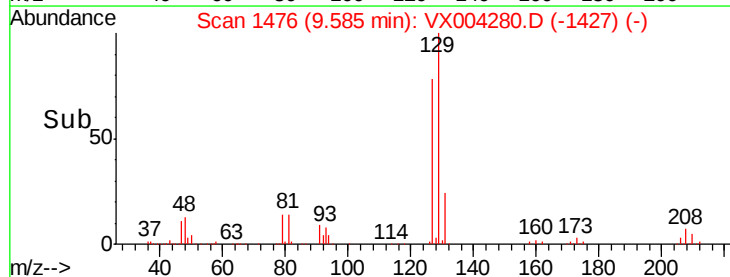
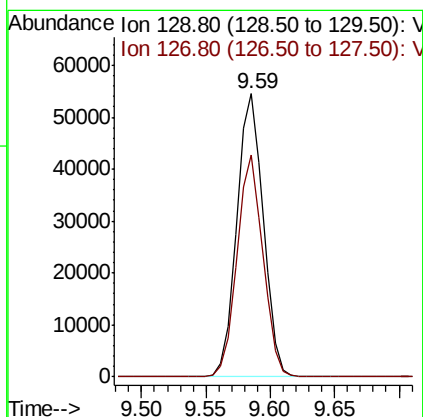
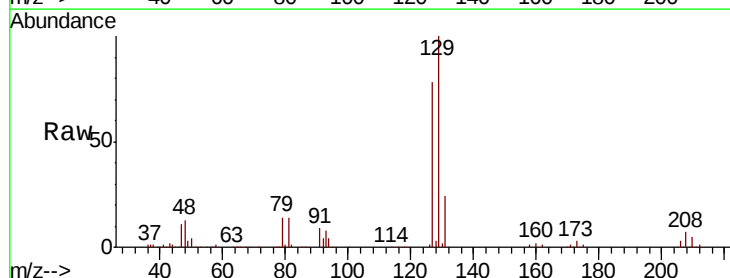
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01

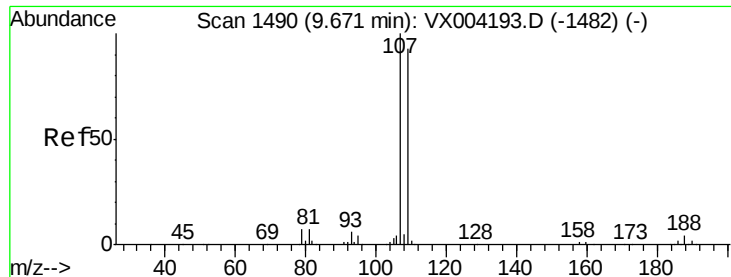
Tot Ion: 43 Resp: 424116
Ion Ratio Lower Upper
43 100
58 58.4 29.0 87.0



#60
Dibromochloromethane
Concen: 19.58 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

Tgt Ion: 129 Resp: 77798
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.77 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.01 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

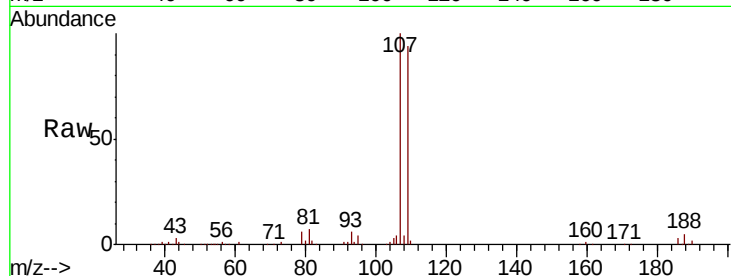
VX0829WBS01

Tot Ion:107 Resp: 83450

Ion Ratio Lower Upper

107 100

109 94.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

60000

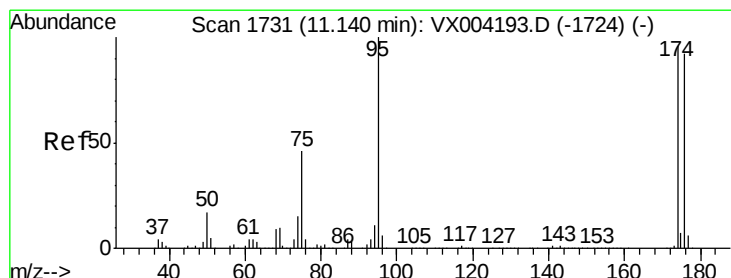
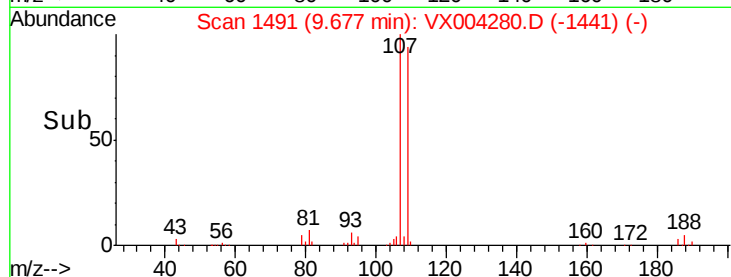
40000

20000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 48.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

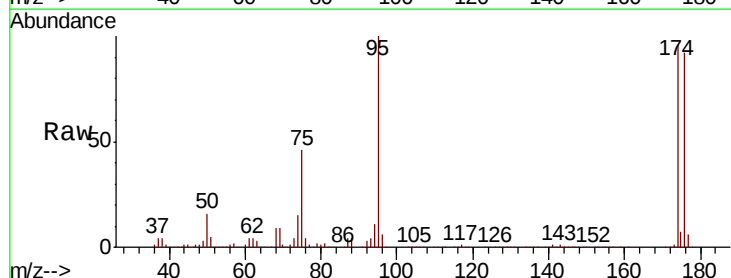
Tgt Ion: 95 Resp: 246562

Ion Ratio Lower Upper

95 100

174 92.9 0.0 185.2

176 89.6 0.0 178.6



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

250000

200000

150000

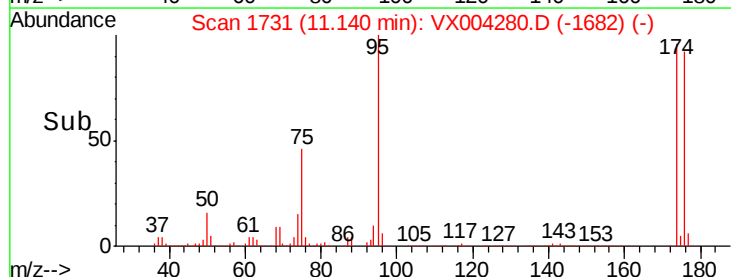
100000

50000

0

11.10 11.20

Time-->

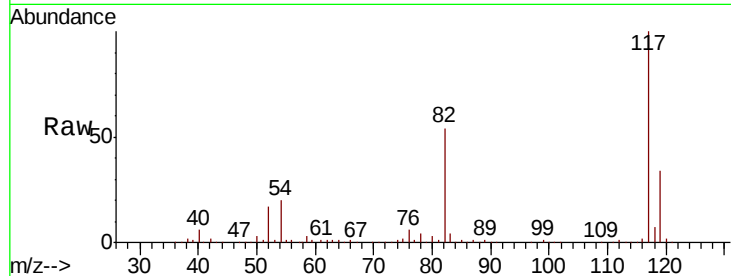




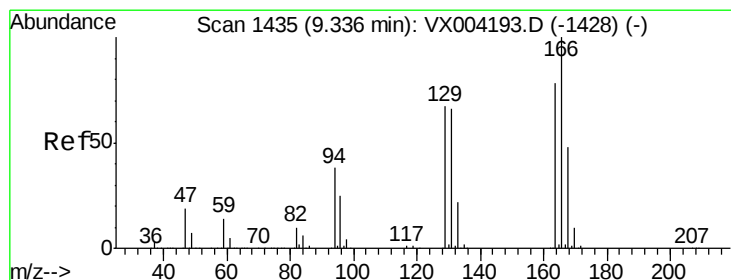
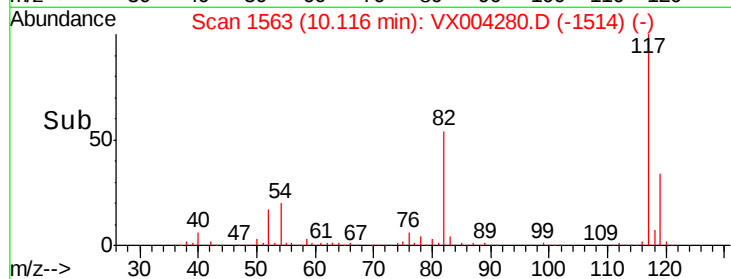
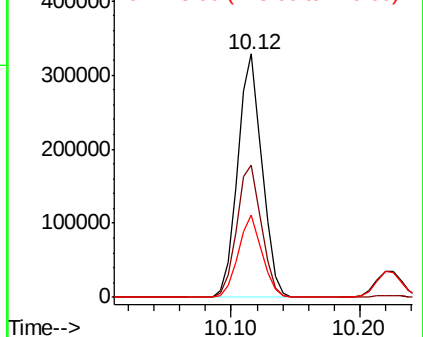
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01

Tot Ion:117 Resp: 428694
Ion Ratio Lower Upper
117 100
82 54.4 47.8 71.6
119 34.1 29.3 43.9

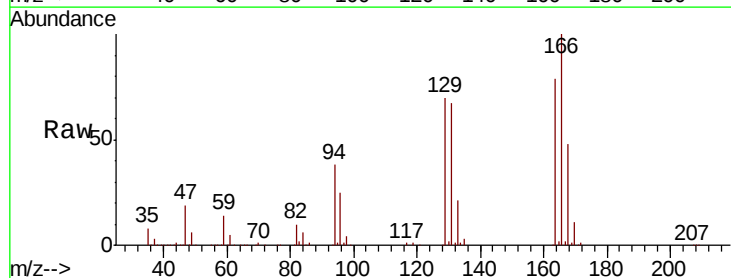


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

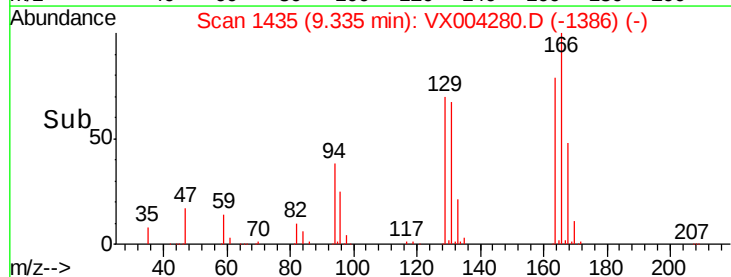
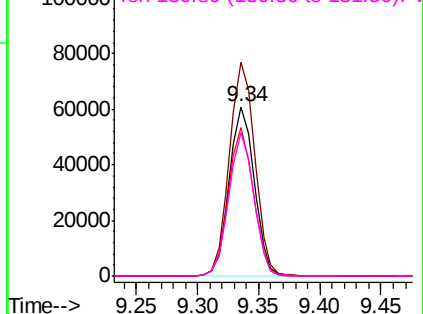


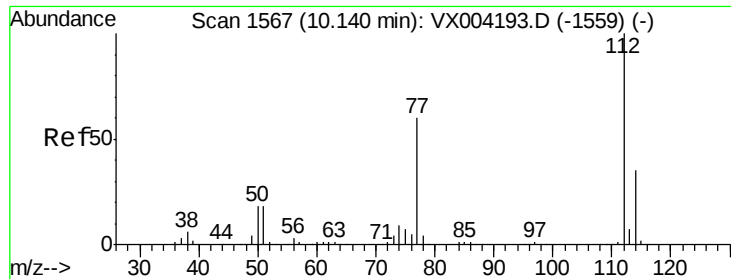
#64
Tetrachloroethene
Concen: 20.39 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

Tgt Ion:164 Resp: 86366
Ion Ratio Lower Upper
164 100
166 125.9 102.8 154.2
129 87.6 69.4 104.0
131 84.3 67.9 101.9



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

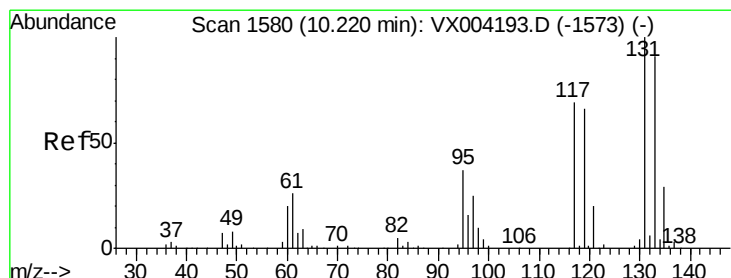
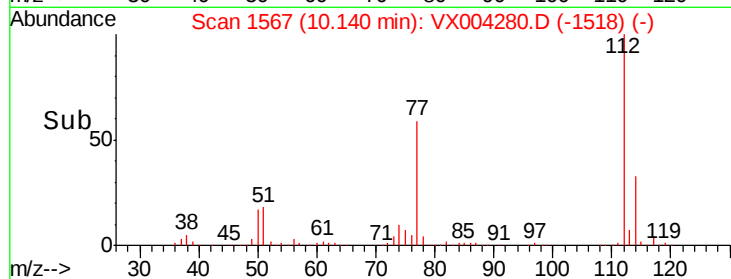
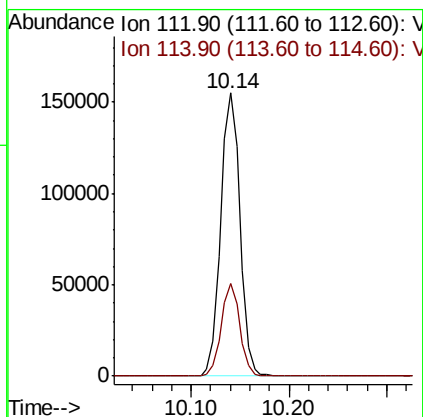
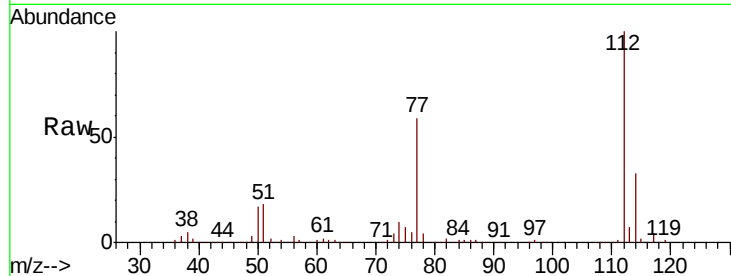




#65
Chlorobenzene
Concen: 19.71 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

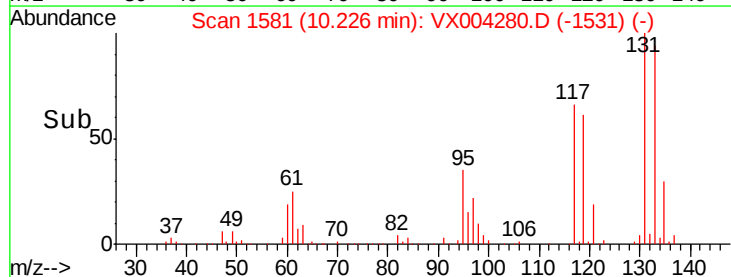
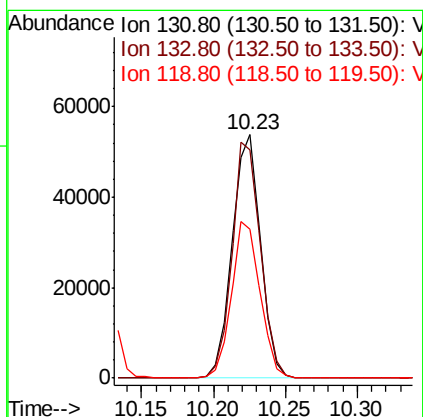
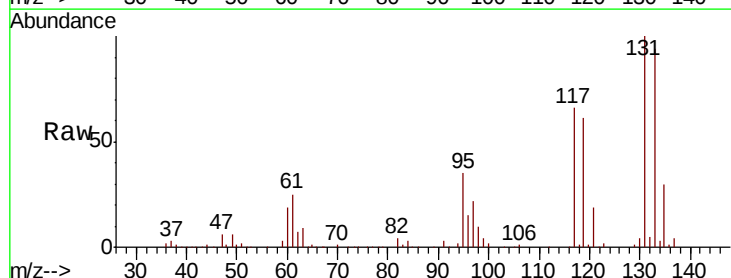
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01

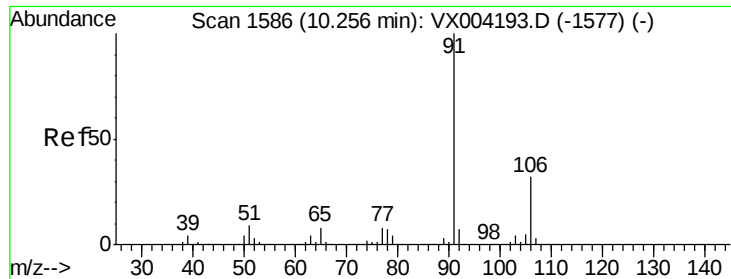
Tot Ion:112 Resp: 212082
Ion Ratio Lower Upper
112 100
114 32.8 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.99 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

Tgt Ion:131 Resp: 74179
Ion Ratio Lower Upper
131 100
133 97.2 48.1 144.4
119 65.0 32.9 98.6

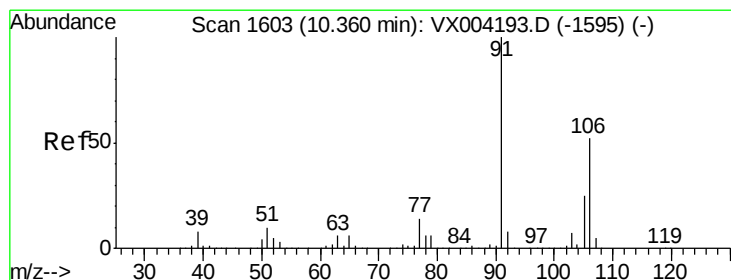
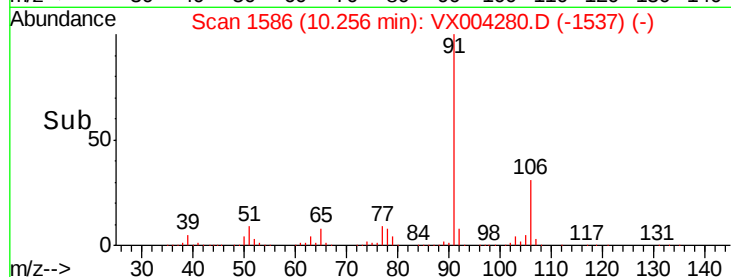
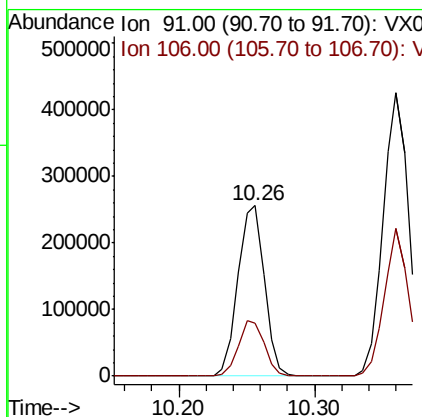
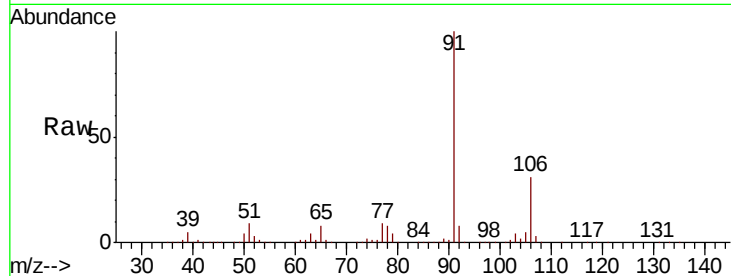




#67
Ethyl Benzene
Concen: 19.94 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

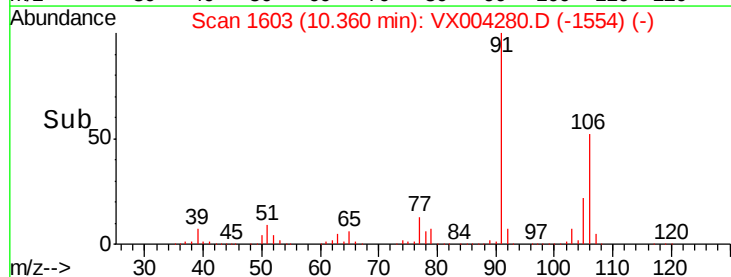
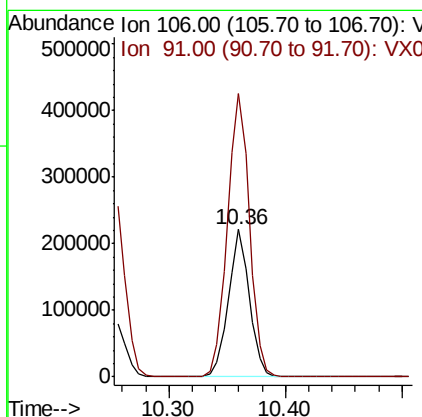
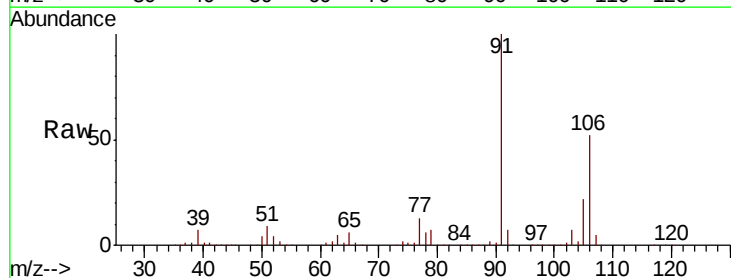
Instrument :
MSVOA_X
ClientSampled :
VX0829WBS01

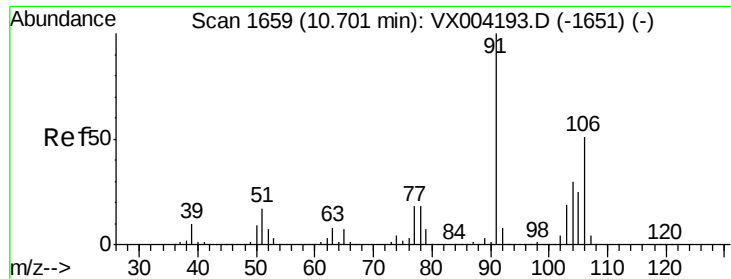
Tot Ion: 91 Resp: 348473
Ion Ratio Lower Upper
91 100
106 31.1 25.9 38.9



#68
m/p-Xylenes
Concen: 40.47 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

Tgt Ion: 106 Resp: 276511
Ion Ratio Lower Upper
106 100
91 202.1 157.1 235.7

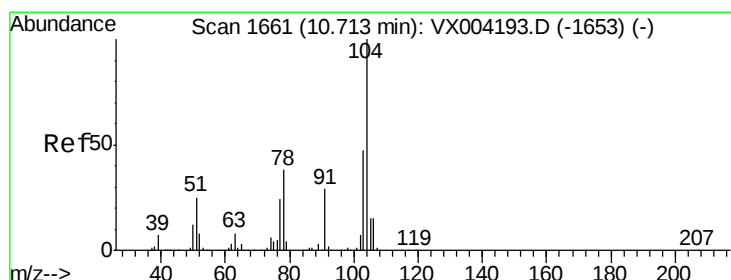
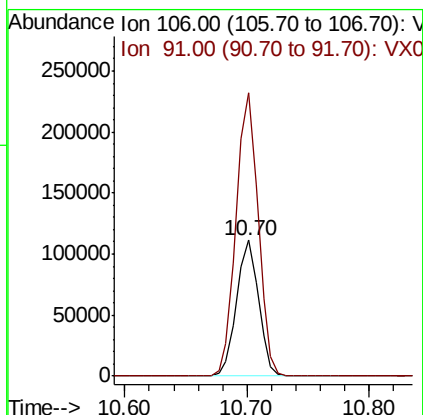
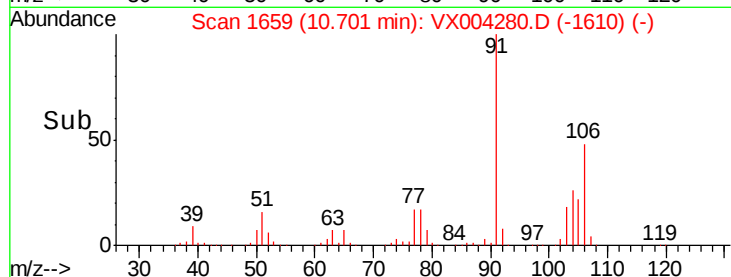
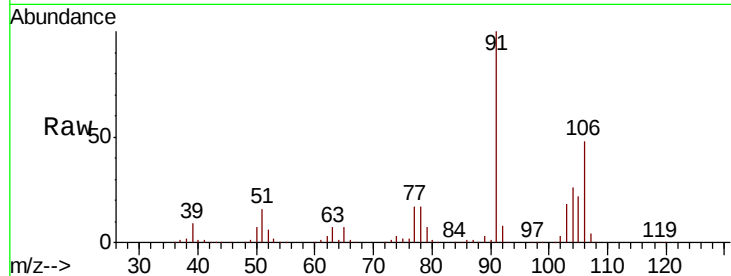




#69
o-Xylene
Concen: 21.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

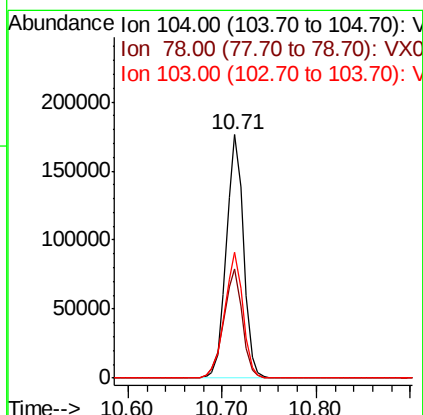
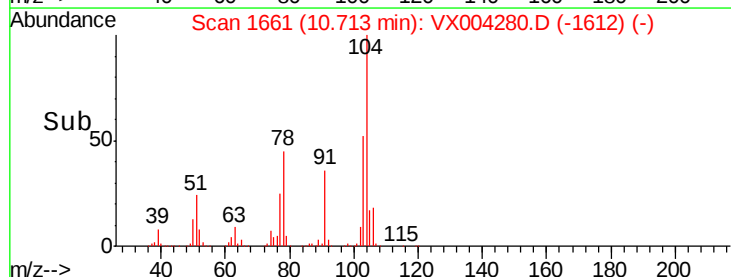
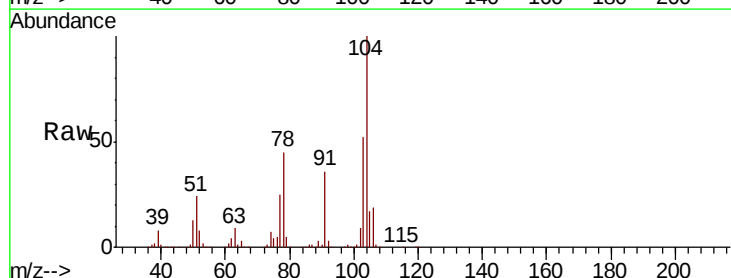
Instrument :
MSVOA_X
ClientSampled :
VX0829WBS01

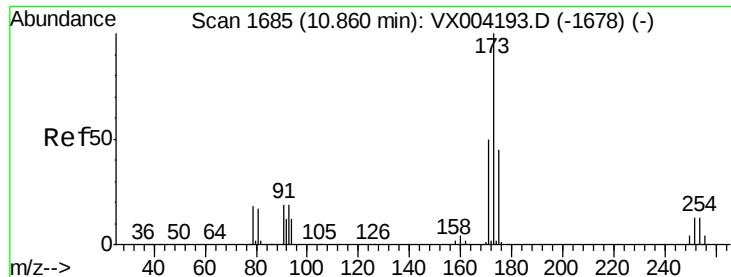
Tot Ion:106 Resp: 138032
Ion Ratio Lower Upper
106 100
91 210.2 105.1 315.1



#70
Styrene
Concen: 21.45 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

Tgt Ion:104 Resp: 224441
Ion Ratio Lower Upper
104 100
78 48.2 37.4 56.0
103 54.9 43.8 65.6

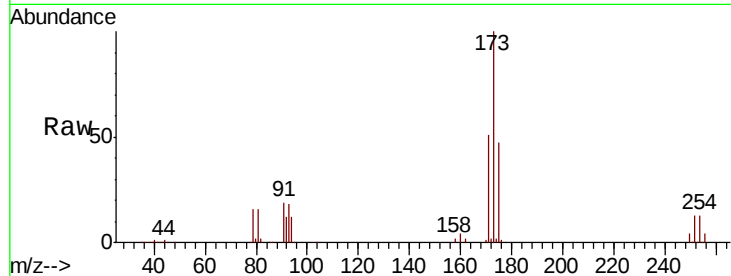




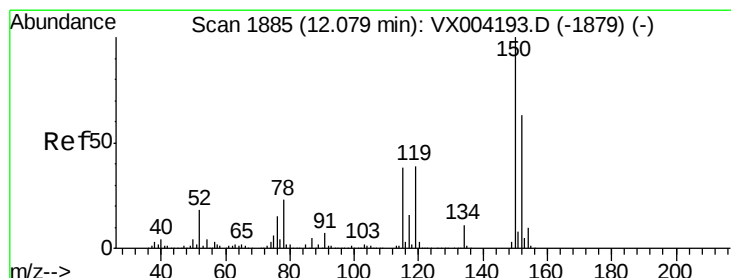
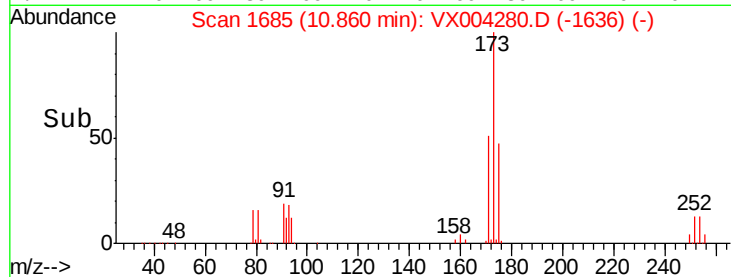
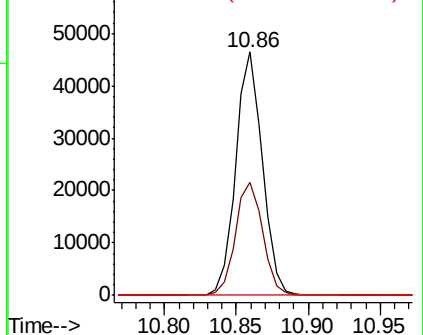
#71
Bromoform
Concen: 20.04 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01

Tot Ion:173 Resp: 59934
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.3
254 0.2 0.2 0.2

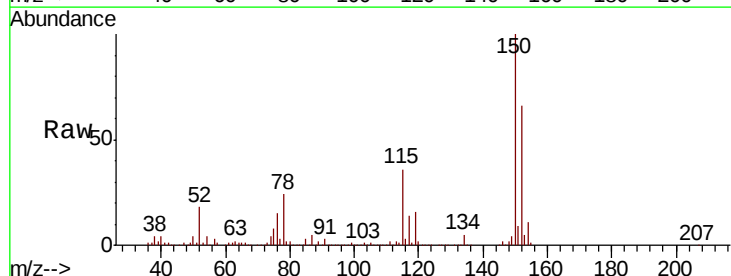


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

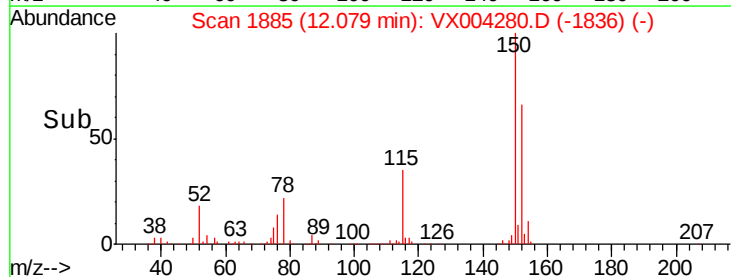
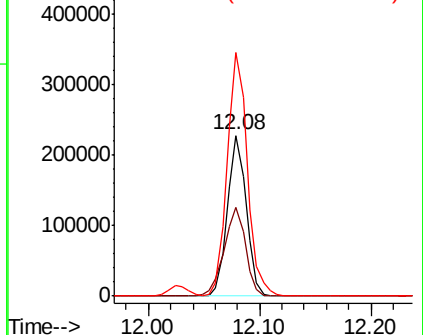


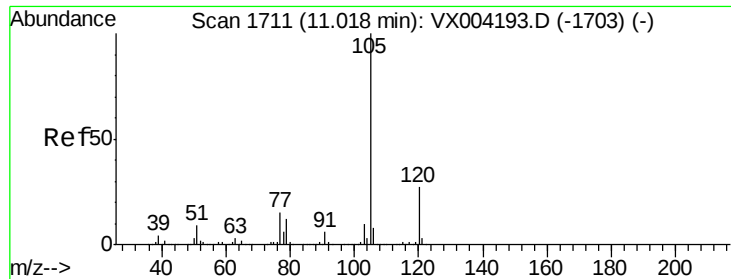
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

Tgt Ion:152 Resp: 266444
Ion Ratio Lower Upper
152 100
115 62.7 39.0 117.0
150 162.4 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.53 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

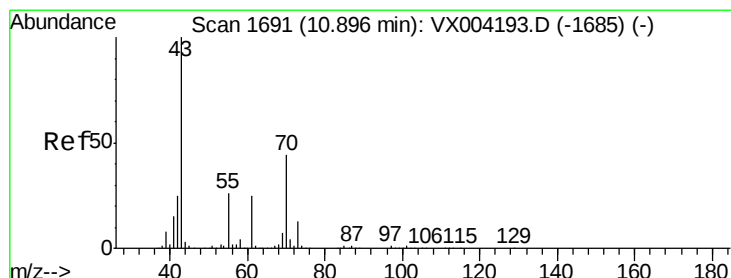
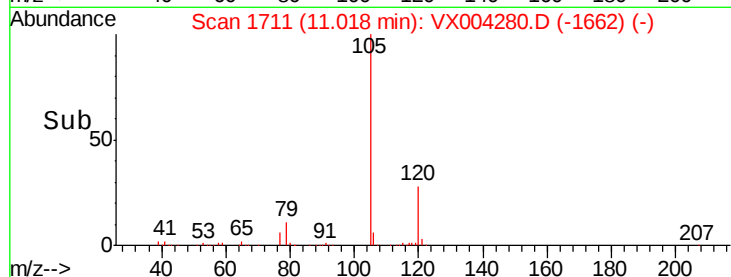
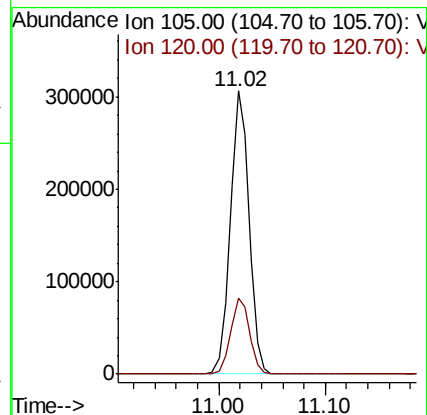
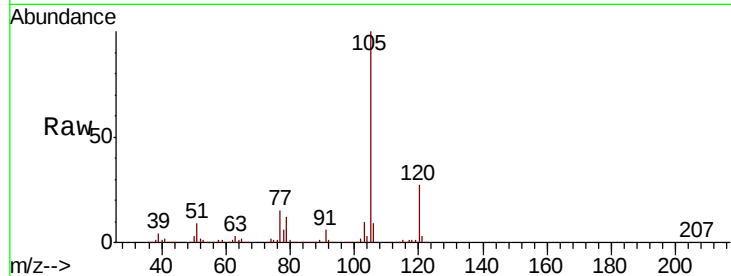
VX0829WBS01

Tot Ion:105 Resp: 376797

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 20.25 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Tgt Ion: 43 Resp: 136443

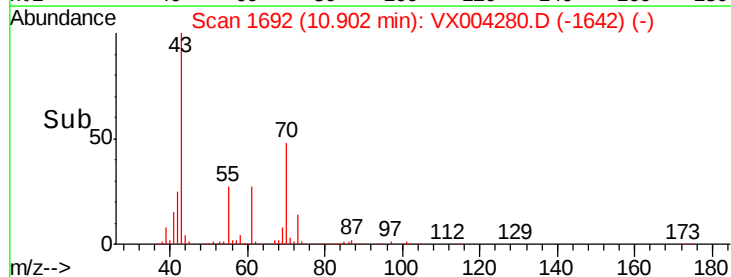
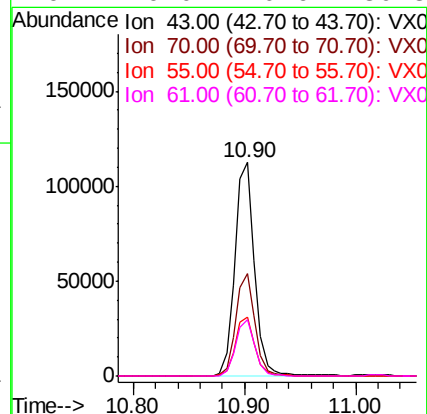
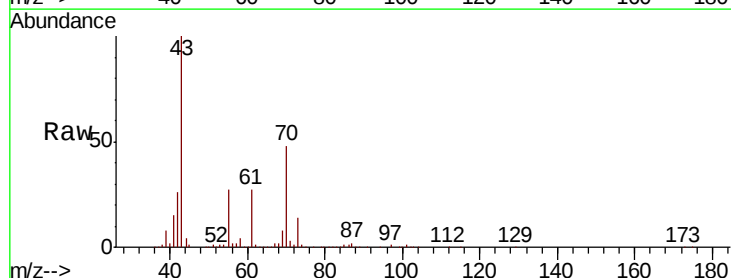
Ion Ratio Lower Upper

43 100

70 47.3 37.4 56.0

55 27.9 21.8 32.8

61 26.0 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.22 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampled :

VX0829WBS01

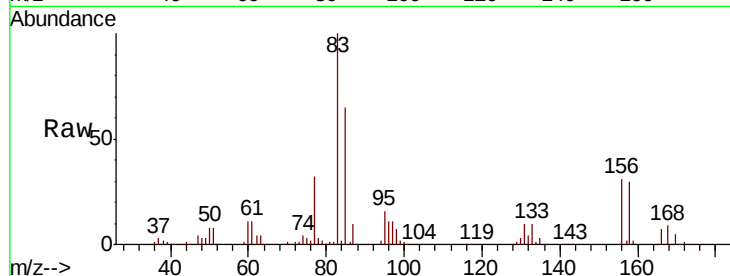
Tot Ion: 83 Resp: 123818

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

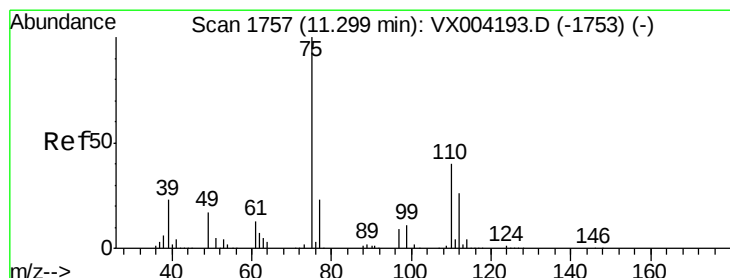
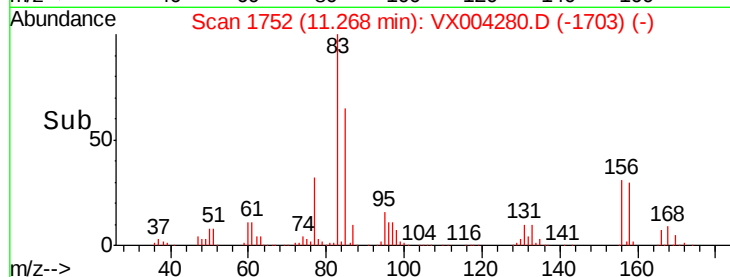
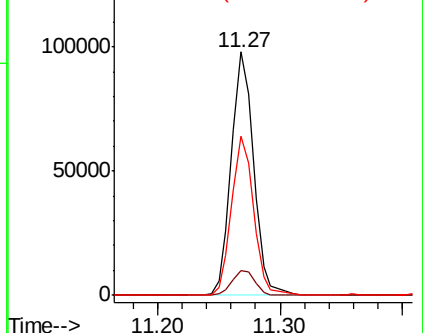
85 64.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.54 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004280.D

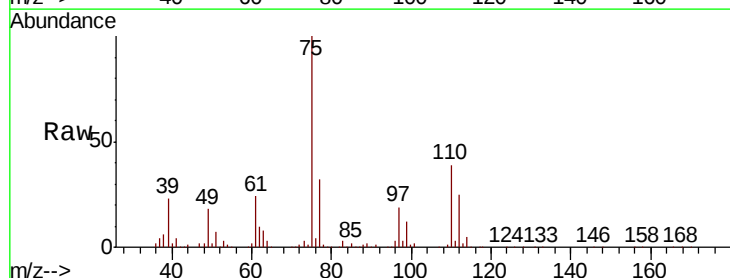
Acq: 29 Aug 2018 09:36

Tgt Ion: 75 Resp: 138422

Ion Ratio Lower Upper

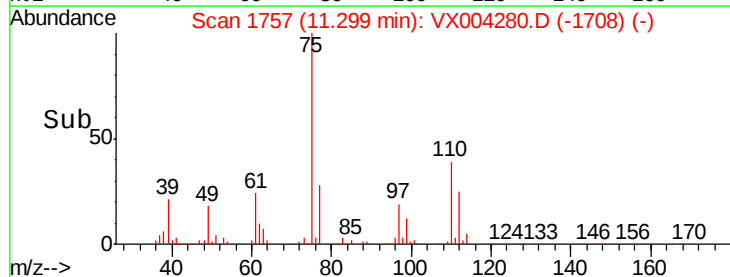
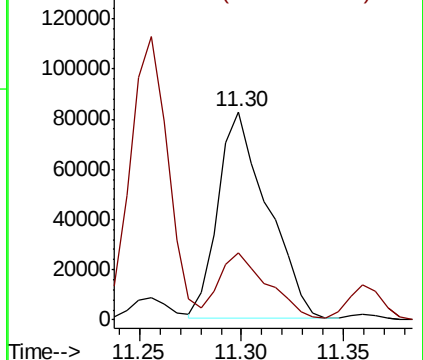
75 100

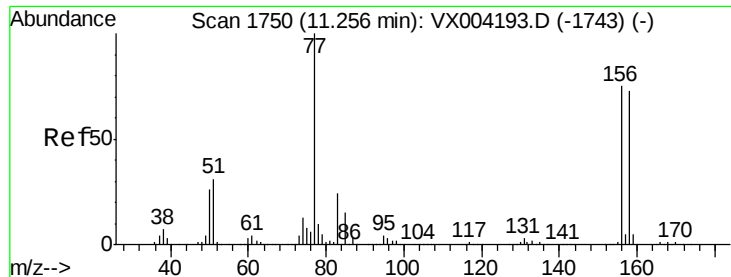
77 32.2 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.72 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampled :

VX0829WBS01

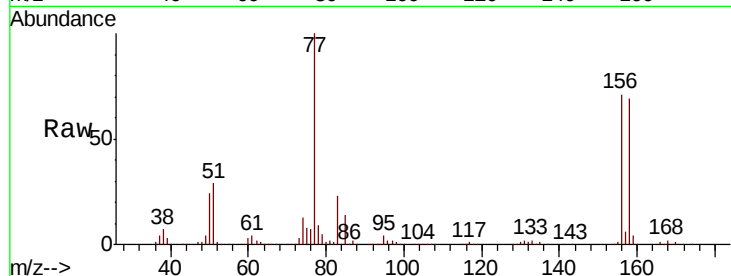
Tot Ion:156 Resp: 101699

Ion Ratio Lower Upper

156 100

77 143.8 71.5 214.3

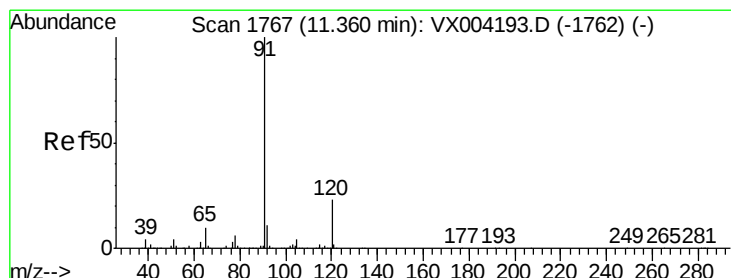
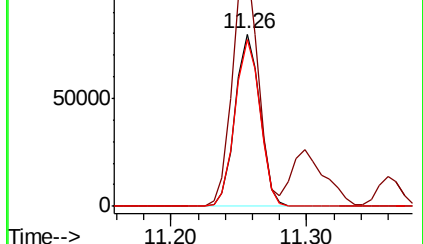
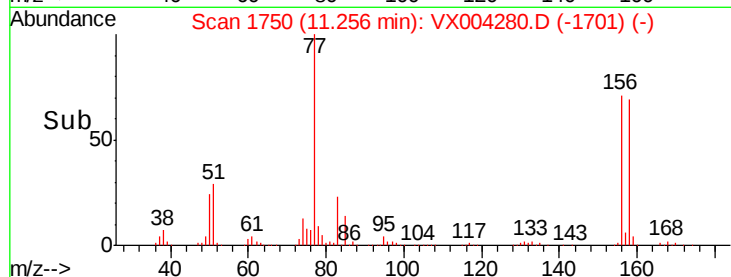
158 97.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.09 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004280.D

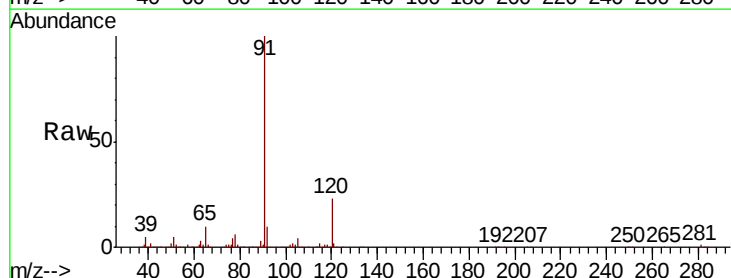
Acq: 29 Aug 2018 09:36

Tgt Ion: 91 Resp: 424565

Ion Ratio Lower Upper

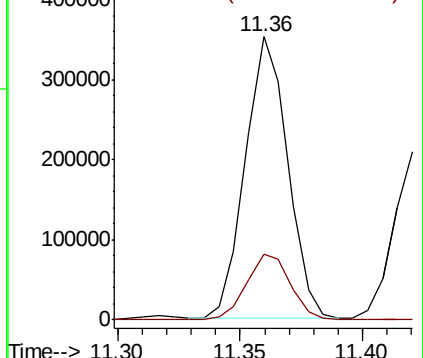
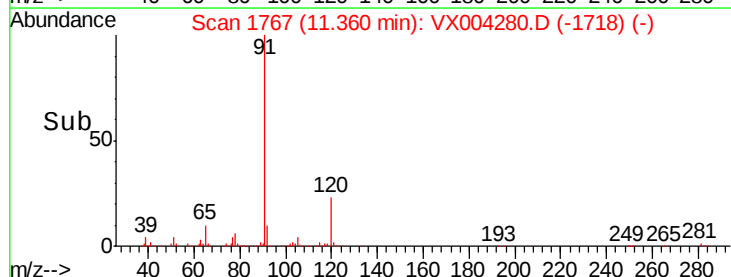
91 100

120 24.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

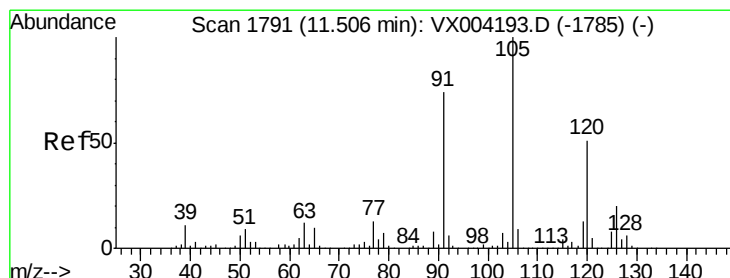
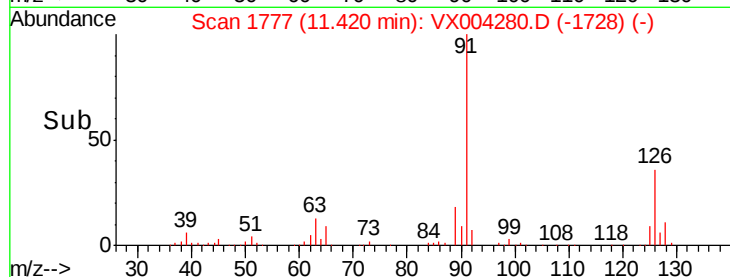
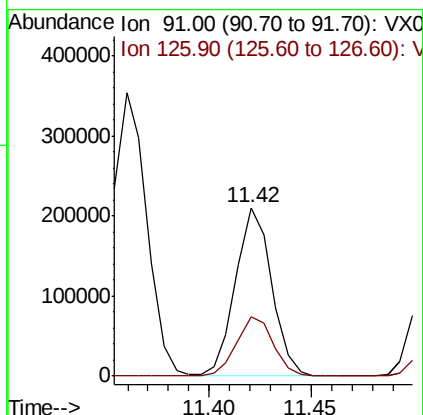
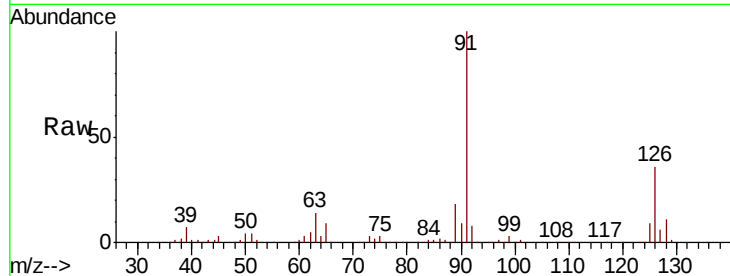




#79
 2-Chlorotoluene
 Concen: 20.79 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

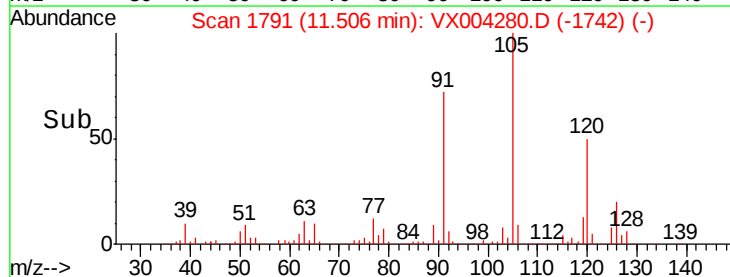
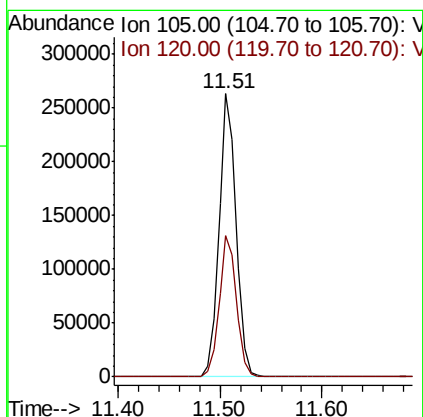
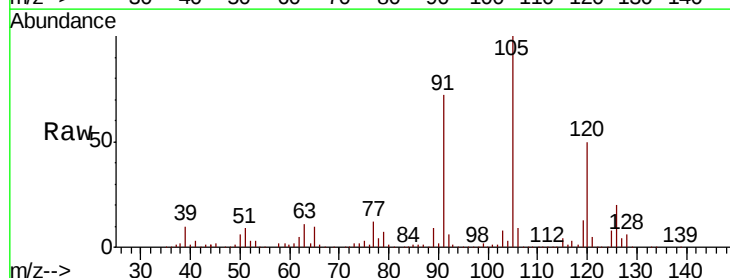
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS01

Tot Ion: 91 Resp: 257581
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.32 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Tgt Ion: 105 Resp: 309036
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.07 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

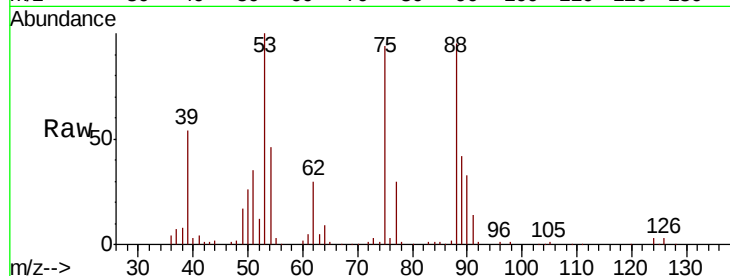
Tot Ion: 75 Resp: 33514

Ion Ratio Lower Upper

75 100

53 102.8 80.1 120.1

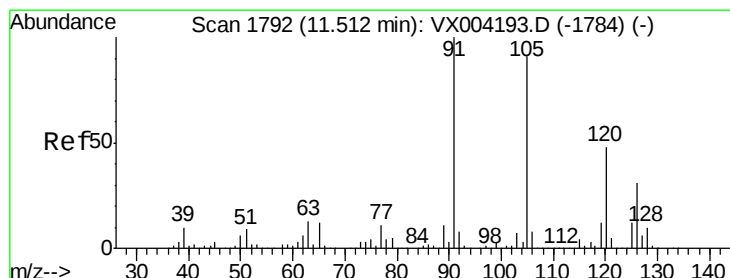
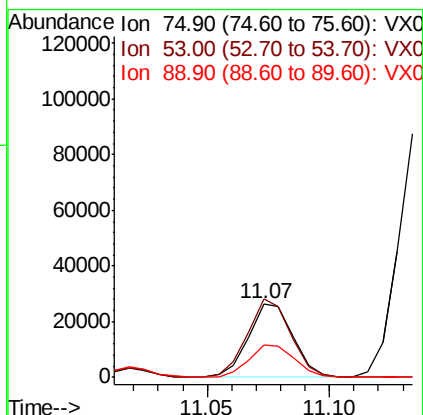
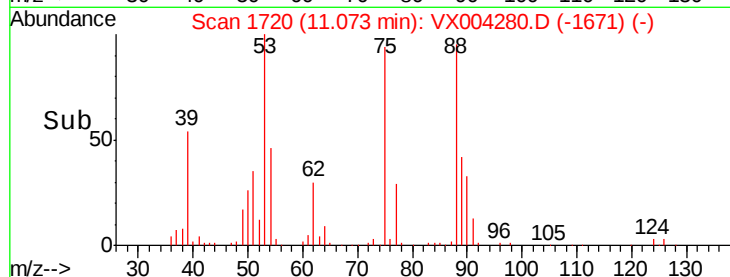
89 45.4 37.2 55.8



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: 20.15 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004280.D

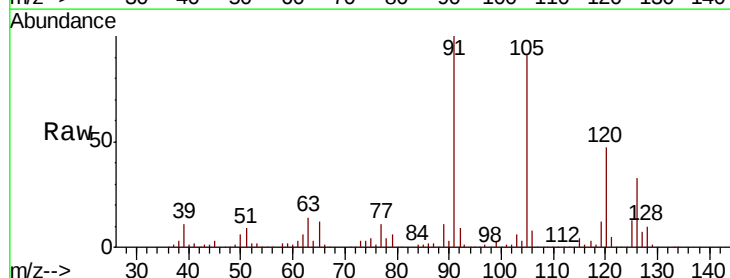
Acq: 29 Aug 2018 09:36

Tgt Ion: 91 Resp: 293797

Ion Ratio Lower Upper

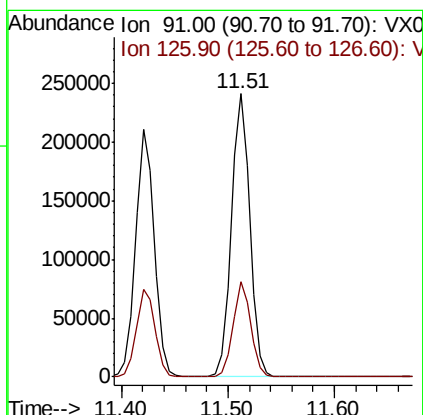
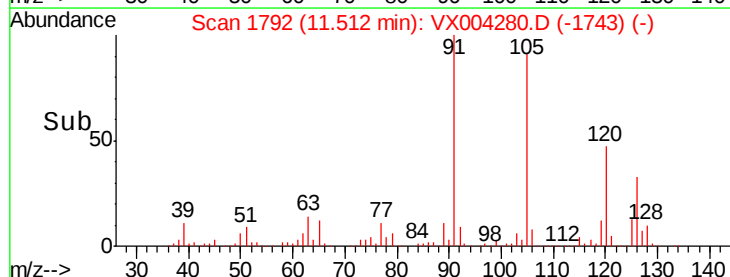
91 100

126 32.2 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

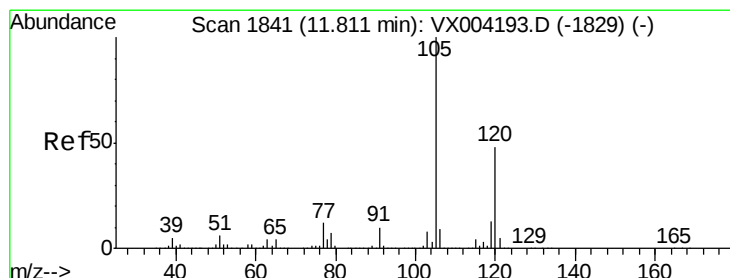
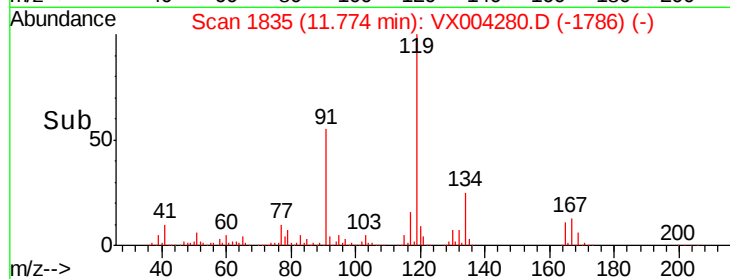
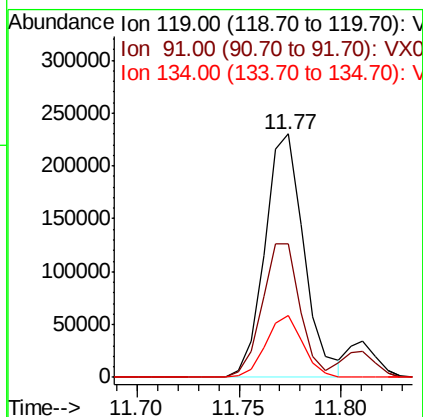
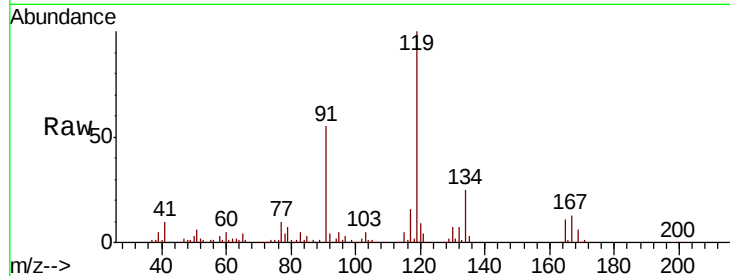




#83
tert-Butylbenzene
Concen: 21.13 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

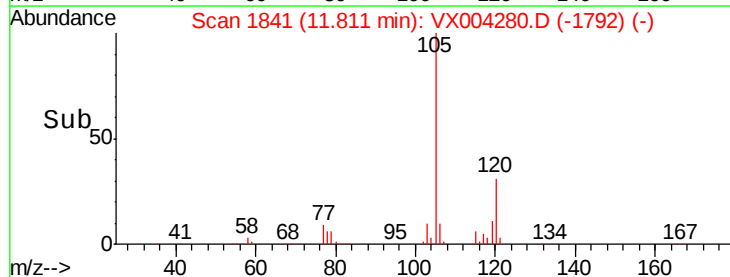
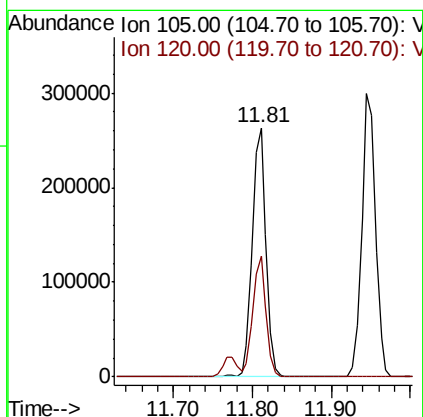
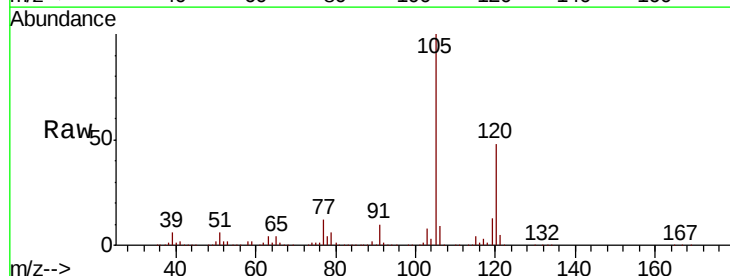
Instrument :
MSVOA_X
ClientSampled :
VX0829WBS01

Tot Ion:119 Resp: 308031
Ion Ratio Lower Upper
119 100
91 53.2 27.0 81.0
134 24.0 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 21.48 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

Tgt Ion:105 Resp: 319586
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.92 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

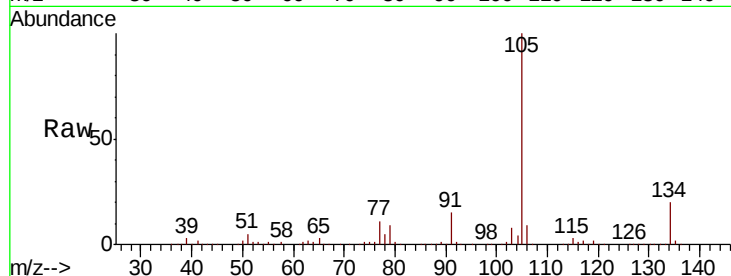
VX0829WBS01

Tot Ion:105 Resp: 362147

Ion Ratio Lower Upper

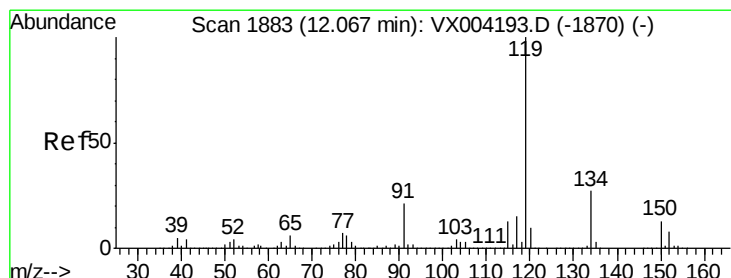
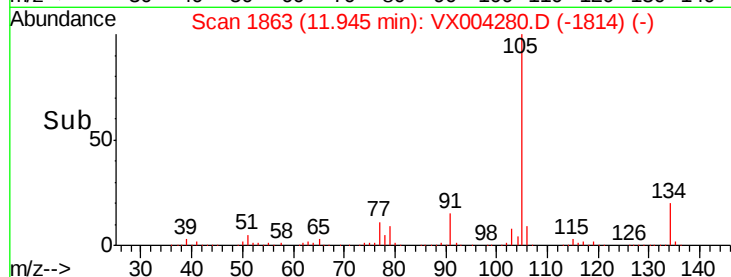
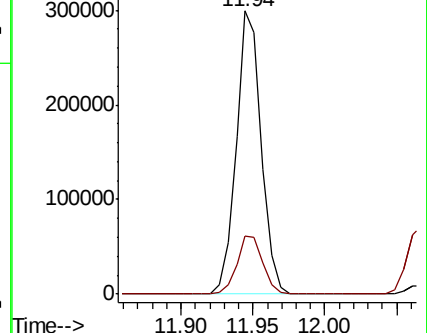
105 100

134 21.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.83 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

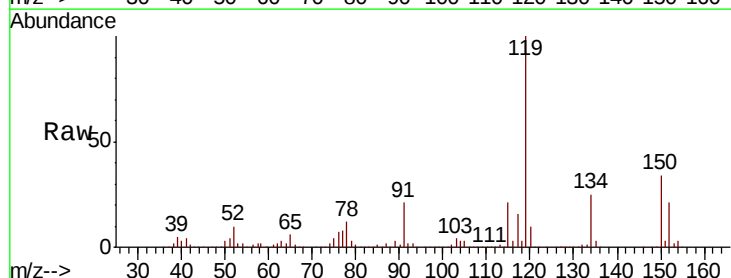
Tgt Ion:119 Resp: 323127

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

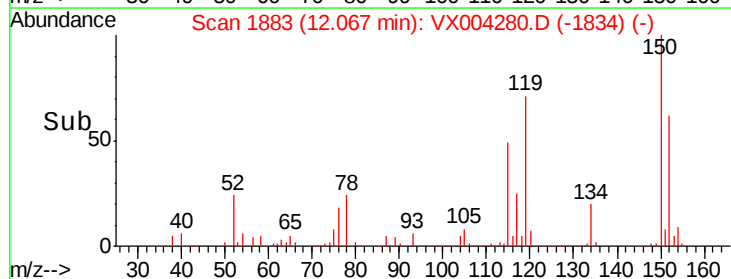
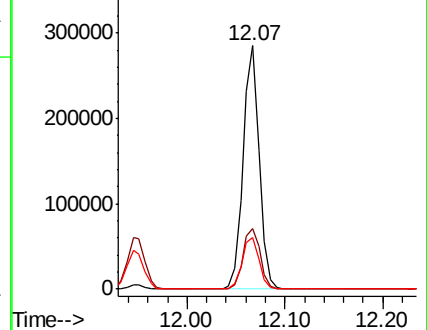
91 22.3 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

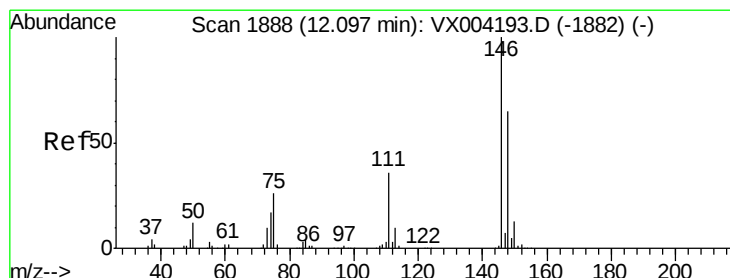
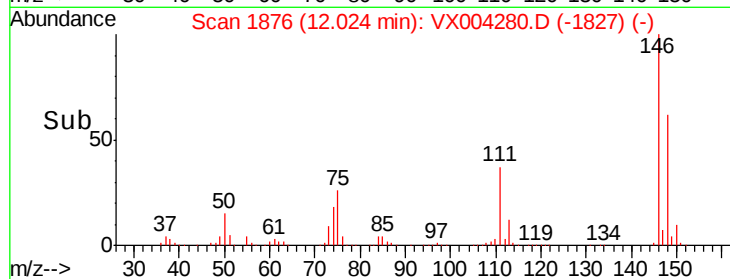
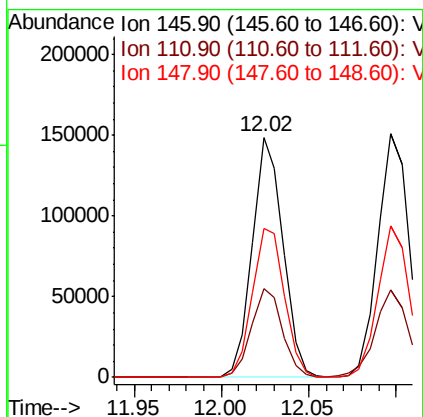
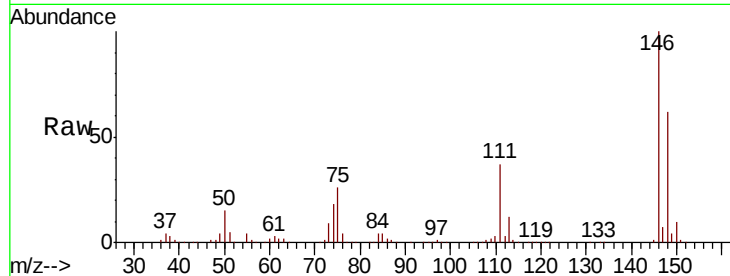




#87
 1,3-Dichlorobenzene
 Concen: 19.66 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

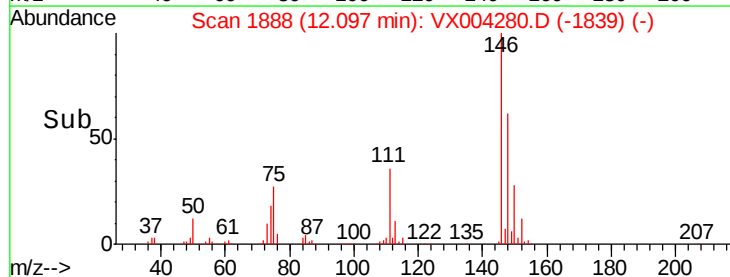
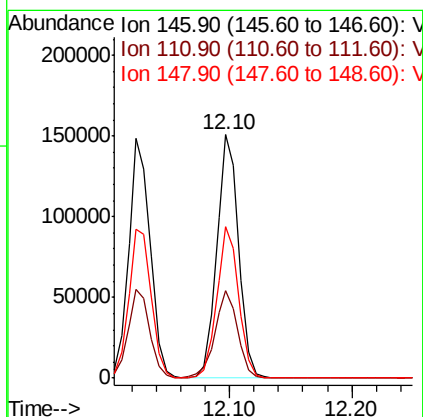
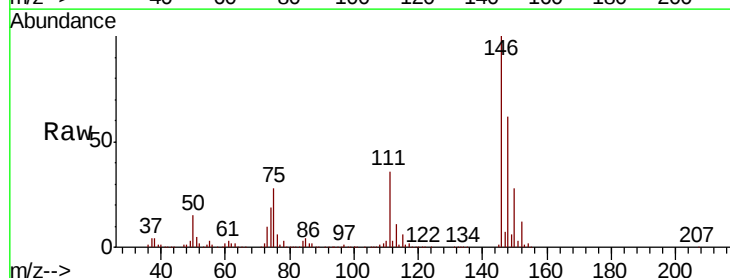
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS01

Tot Ion:146 Resp: 181725
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.7 56.1
 148 65.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.19 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Tgt Ion:146 Resp: 187007
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.1 54.1
 148 62.3 32.0 96.0

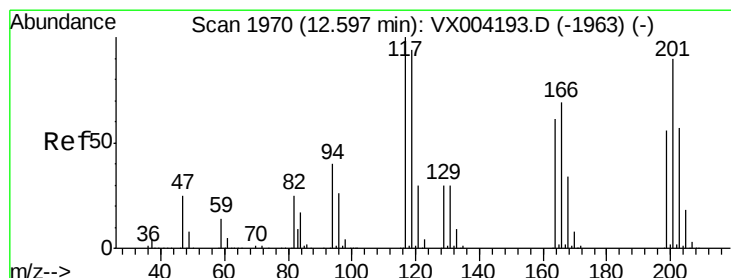
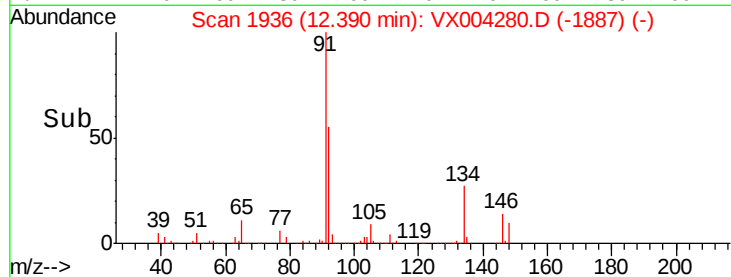
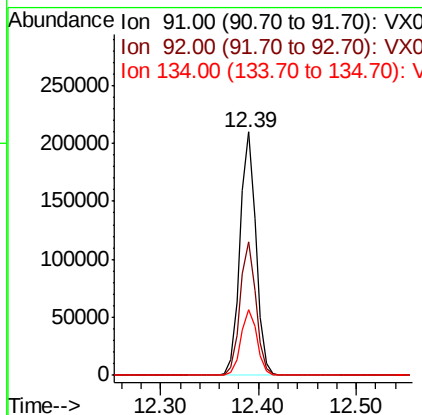
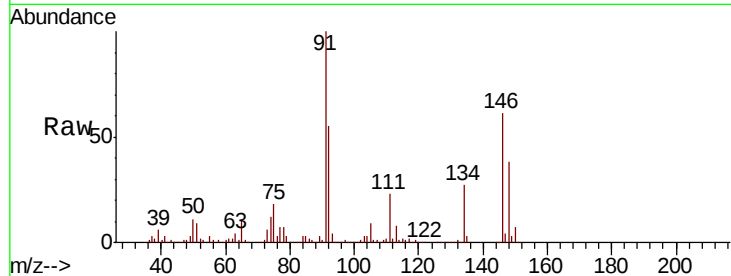




#89
n-Butylbenzene
Concen: 18.77 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

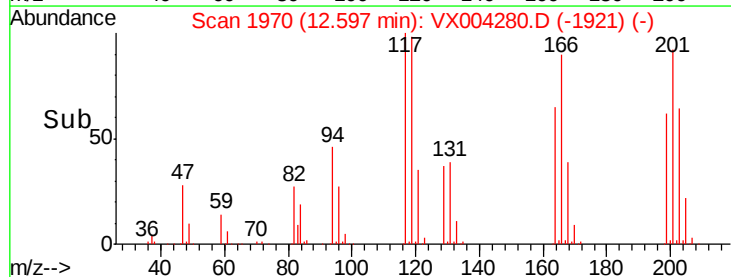
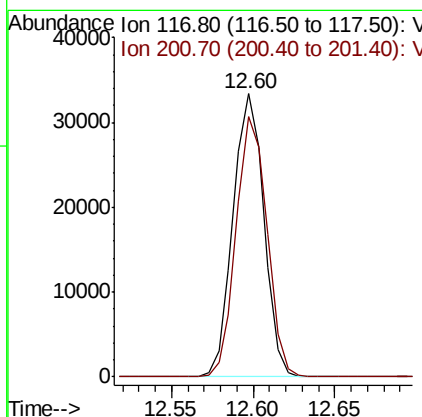
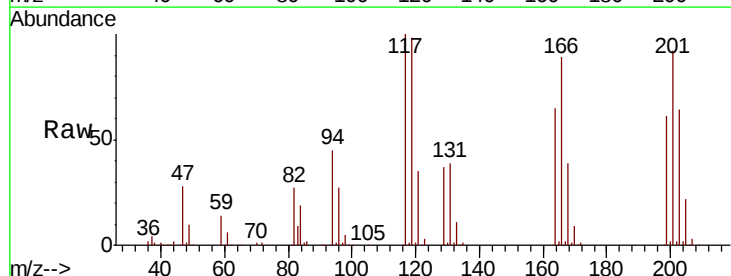
Instrument :
MSVOA_X
ClientSampled :
VX0829WBS01

Tot Ion: 91 Resp: 236843
Ion Ratio Lower Upper
91 100
92 54.6 27.3 81.9
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 20.26 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004280.D
Acq: 29 Aug 2018 09:36

Tgt Ion: 117 Resp: 43930
Ion Ratio Lower Upper
117 100
201 92.3 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 20.31 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.01 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

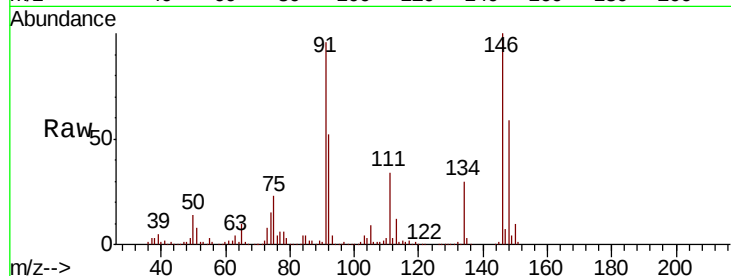
Tot Ion:146 Resp: 171572

Ion Ratio Lower Upper

146 100

111 36.7 19.4 58.1

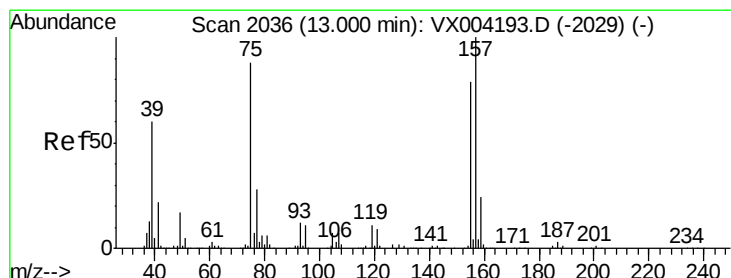
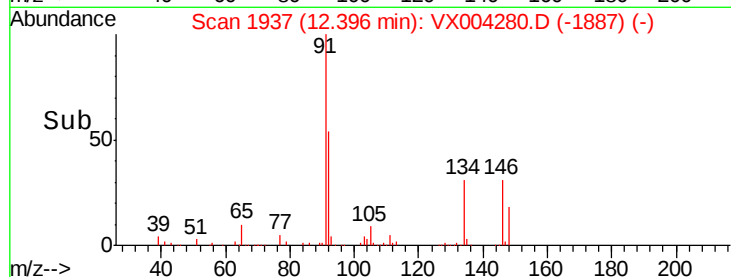
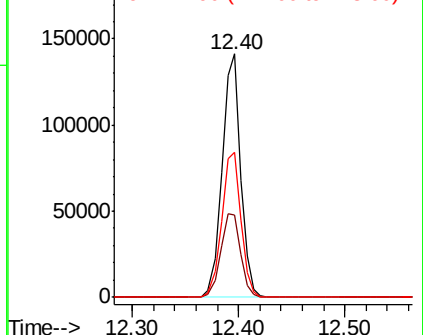
148 61.8 32.8 98.3



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: 19.44 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

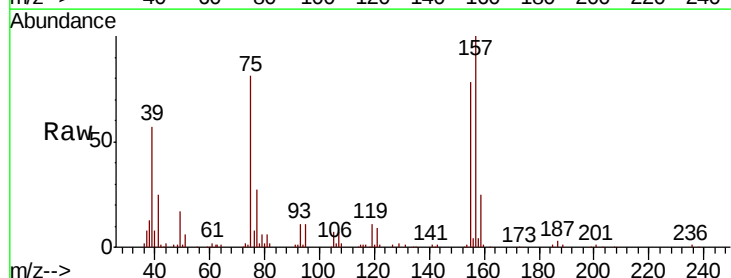
Tgt Ion: 75 Resp: 20974

Ion Ratio Lower Upper

75 100

155 102.2 48.0 144.2

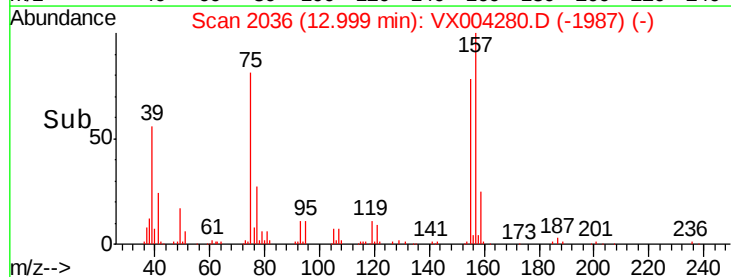
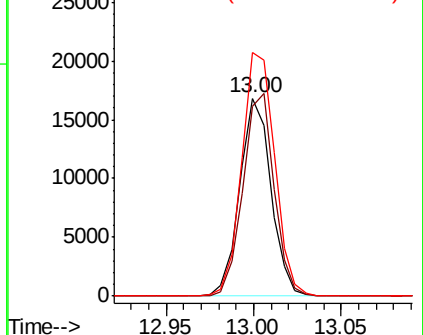
157 129.7 61.4 184.1

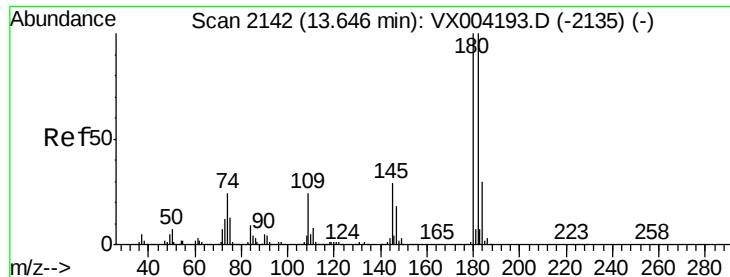


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

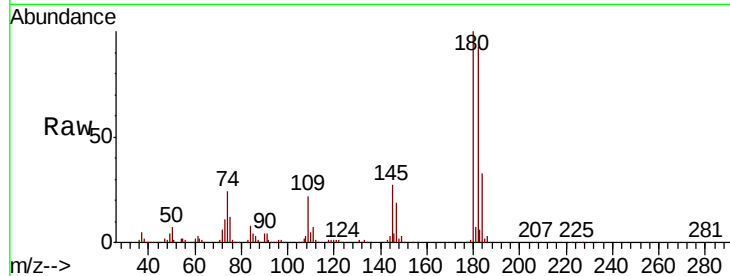




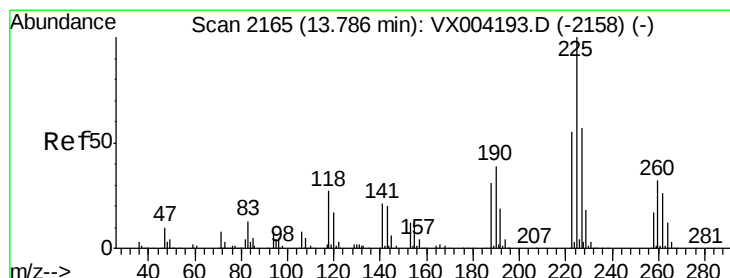
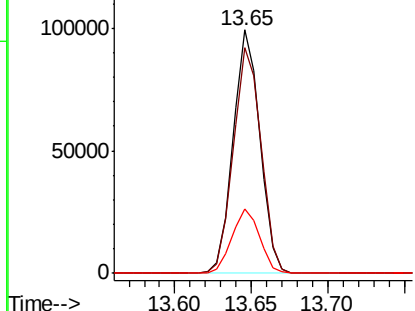
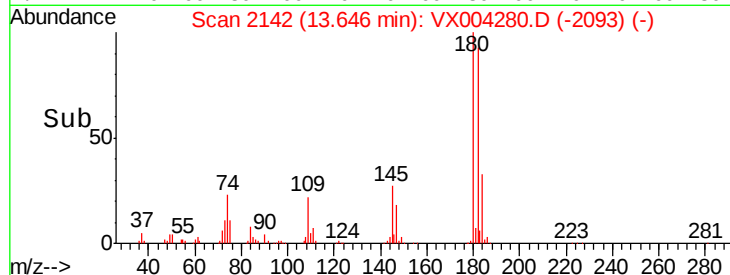
#93
 1,2,4-Trichlorobenzene
 Concen: 19.57 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Instrument :
 MSVOA_X
 ClientSampled :
 VX0829WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.4	145.0
145	27.5	14.3	42.9

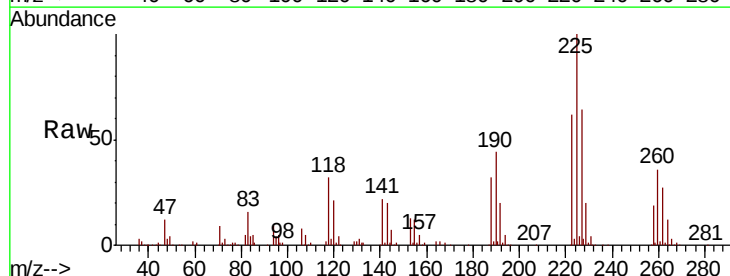


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

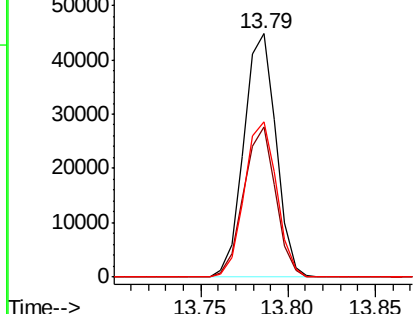
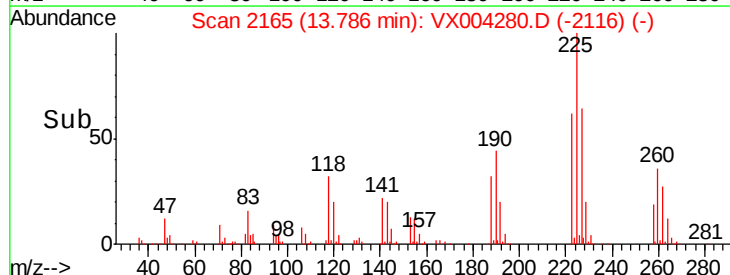


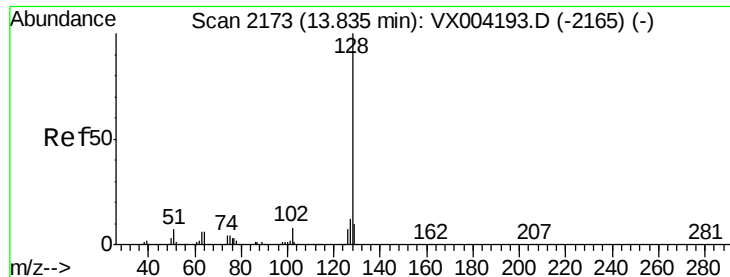
#94
 Hexachlorobutadiene
 Concen: 19.96 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004280.D
 Acq: 29 Aug 2018 09:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	30.1	90.5
227	63.9	30.8	92.4



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





#95

Naphthalene

Concen: 22.11 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

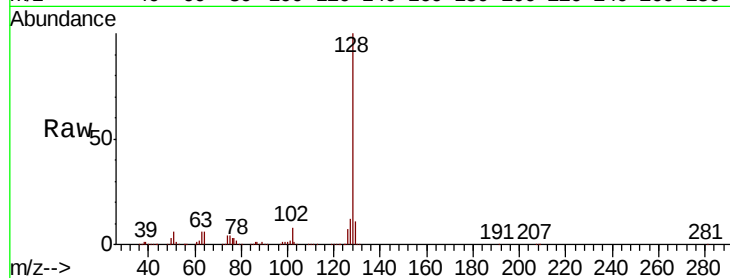
Tot Ion:128 Resp: 384399

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

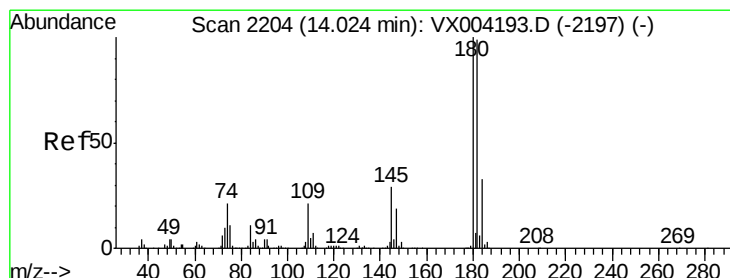
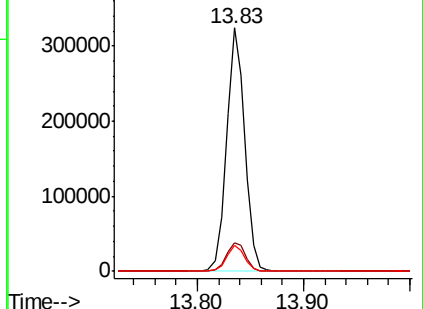
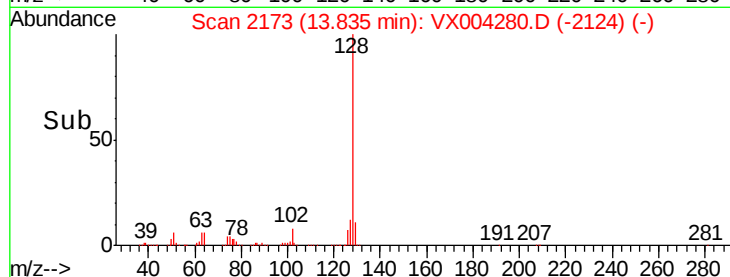
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.69 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004280.D

Acq: 29 Aug 2018 09:36

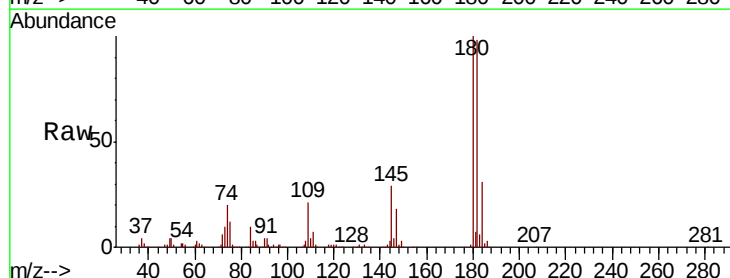
Tgt Ion:180 Resp: 134632

Ion Ratio Lower Upper

180 100

182 95.0 48.5 145.6

145 29.7 14.9 44.9



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

