

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083118\
 Data File : VX004335.D
 Acq On : 31 Aug 2018 19:13
 Operator : JC/MD
 Sample : VX0831WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD01

Quant Time: Sep 01 04:32:26 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	5.66	168	289630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	424591	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	393931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	246940	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188746	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	159876	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	8.71	98	598634	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.14	95	222641	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64576	19.25	ug/l	98
3) Chloromethane	1.32	50	71994	19.59	ug/l	100
4) Vinyl Chloride	1.40	62	74342	19.59	ug/l	97
5) Bromomethane	1.64	94	38205	19.17	ug/l	100
6) Chloroethane	1.72	64	49694	17.76	ug/l	99
7) Trichlorofluoromethane	1.93	101	101977	19.61	ug/l	96
8) Diethyl Ether	2.18	74	45160	20.28	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	63193	19.40	ug/l	100
10) Methyl Iodide	2.51	142	60984	19.44	ug/l	99
11) Tert butyl alcohol	3.07	59	83803	104.14	ug/l	99
12) 1,1-Dichloroethene	2.37	96	58699	19.13	ug/l	96
13) Acrolein	2.29	56	35712	184.08	ug/l	97
14) Allyl chloride	2.73	41	115321	20.46	ug/l	97
15) Acrylonitrile	3.15	53	206880	103.81	ug/l	100
16) Acetone	2.45	43	168259	104.49	ug/l	99
17) Carbon Disulfide	2.57	76	141837	17.18	ug/l	100
18) Methyl Acetate	2.78	43	145925	26.05	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	208716	20.64	ug/l	98
20) Methylene Chloride	2.86	84	71959	19.80	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	63318	18.64	ug/l	97
22) Diisopropyl ether	3.87	45	221542	21.05	ug/l	99
23) Vinyl Acetate	3.82	43	822516	96.42	ug/l	100
24) 1,1-Dichloroethane	3.70	63	124800	20.35	ug/l	99
25) 2-Butanone	4.70	43	264069	102.72	ug/l	99
26) 2,2-Dichloropropane	4.58	77	89226	18.55	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	74853	19.43	ug/l	100
28) Bromochloromethane	5.01	49	57456	21.16	ug/l	97
29) Tetrahydrofuran	5.15	42	167724	103.41	ug/l	99
30) Chloroform	5.21	83	125737	20.44	ug/l	99
31) Cyclohexane	5.57	56	100413	18.97	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	101109	19.72	ug/l	99
36) 1,1-Dichloropropene	5.79	75	89451	18.74	ug/l	99
37) Ethyl Acetate	4.86	43	94127	20.05	ug/l	100
38) Carbon Tetrachloride	5.78	117	85738	19.09	ug/l	94

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 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	101803	18.68	ug/l	98
40) Benzene	6.14	78	284358	19.94	ug/l	100
41) Methacrylonitrile	5.06	41	55051	20.23	ug/l	100
42) 1,2-Dichloroethane	6.20	62	97340	20.01	ug/l	100
43) Isopropyl Acetate	6.46	43	143077	19.83	ug/l	100
44) Trichloroethene	7.21	130	74799	18.95	ug/l	95
45) 1,2-Dichloropropane	7.52	63	72165	20.22	ug/l	99
46) Dibromomethane	7.67	93	46582	19.60	ug/l	99
47) Bromodichloromethane	7.90	83	87237	19.72	ug/l	98
48) Methyl methacrylate	7.77	41	76845	19.91	ug/l	100
49) 1,4-Dioxane	7.76	88	35825	408.79	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	510280	97.36	ug/l	100
52) Toluene	8.79	92	180552	20.22	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	93527	19.15	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	105612	19.85	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	75261	20.88	ug/l	99
56) Ethyl methacrylate	9.18	69	97259	19.82	ug/l	100
57) 1,3-Dichloropropane	9.37	76	123693	20.36	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	291347	115.89	ug/l	99
59) 2-Hexanone	9.50	43	386857	96.75	ug/l	98
60) Dibromochloromethane	9.59	129	68431	19.49	ug/l	99
61) 1,2-Dibromoethane	9.67	107	74742	20.04	ug/l	100
64) Tetrachloroethene	9.34	164	77173	19.83	ug/l	98
65) Chlorobenzene	10.14	112	192666	19.49	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	68530	20.10	ug/l	99
67) Ethyl Benzene	10.25	91	326527	20.34	ug/l	97
68) m/p-Xylenes	10.36	106	249731	39.78	ug/l	99
69) o-Xylene	10.70	106	122512	20.63	ug/l	99
70) Styrene	10.71	104	202081	21.02	ug/l	99
71) Bromoform	10.86	173	50518	18.38	ug/l	99
73) Isopropylbenzene	11.02	105	335626	20.69	ug/l	100
74) N-amyl acetate	10.90	43	122285	19.58	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	112060	19.74	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	124583	24.81	ug/l	86
77) Bromobenzene	11.26	156	90132	19.81	ug/l	97
78) n-propylbenzene	11.36	91	386349	20.71	ug/l	100
79) 2-Chlorotoluene	11.42	91	233178	20.31	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	281125	20.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27762	17.94	ug/l	94
82) 4-Chlorotoluene	11.51	91	270797	20.04	ug/l	100
83) tert-Butylbenzene	11.77	119	275323	20.37	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	289753	21.02	ug/l	100
85) sec-Butylbenzene	11.94	105	343306	21.40	ug/l	99
86) p-Isopropyltoluene	12.07	119	307733	21.40	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	167232	19.52	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	167921	18.59	ug/l	98
89) n-Butylbenzene	12.39	91	257279	22.01	ug/l	98
90) Hexachloroethane	12.60	117	39458	19.63	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	164484	21.01	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18617	18.62	ug/l	96

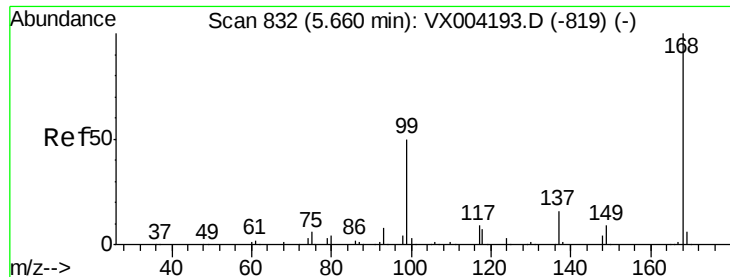
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Quant Time: Sep 01 04:32:26 2018
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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	116398	20.43	ug/l	97
94) Hexachlorobutadiene	13.79	225	61849	23.27	ug/l	98
95) Naphthalene	13.83	128	343662	21.33	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	124610	20.66	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

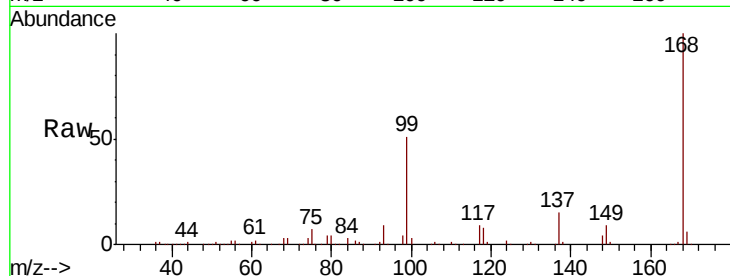
VX0831WBSD01

Tot Ion:168 Resp: 289630

Ion Ratio Lower Upper

168 100

99 50.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

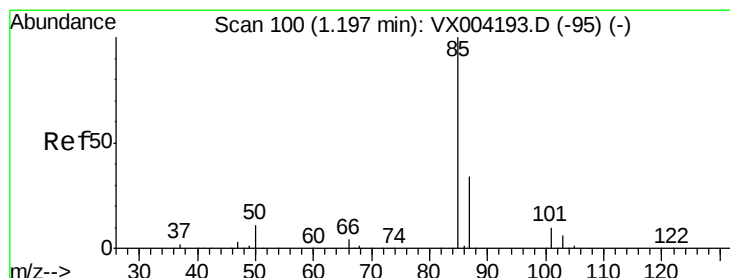
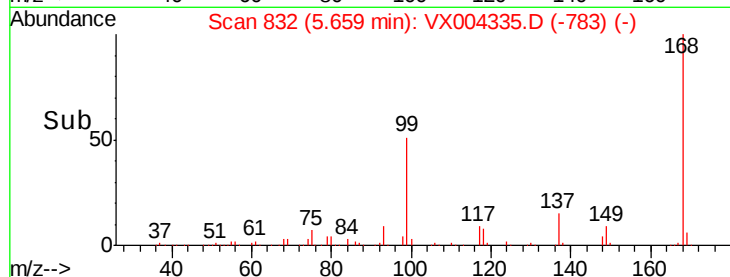
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.25 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004335.D

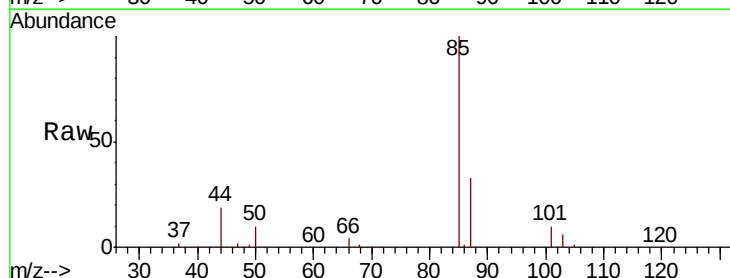
Acq: 31 Aug 2018 19:13

Tgt Ion: 85 Resp: 64576

Ion Ratio Lower Upper

85 100

87 33.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

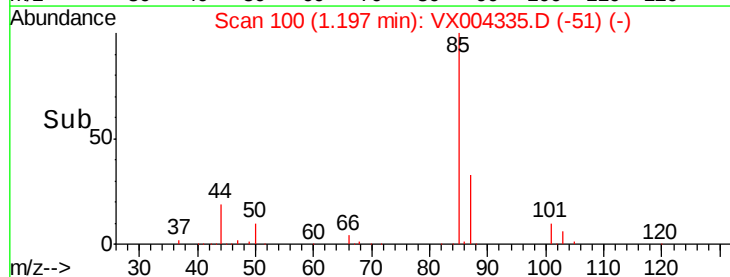
60000

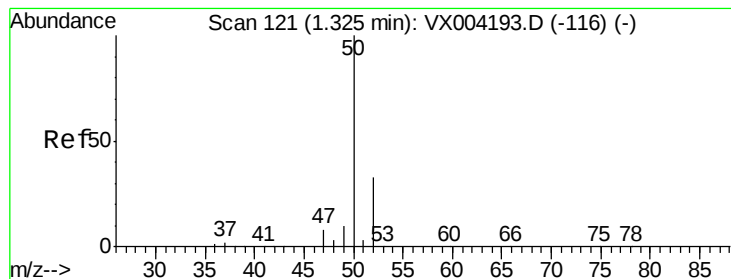
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.59 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

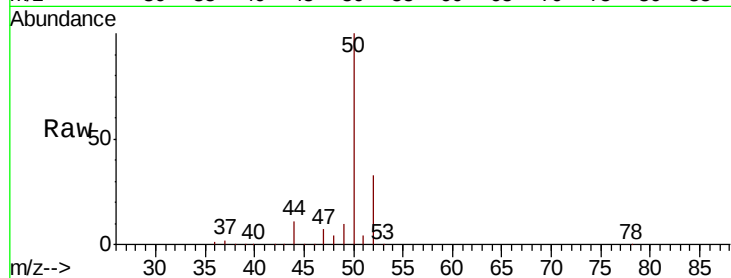
VX0831WBSD01

Tot Ion: 50 Resp: 71994

Ion Ratio Lower Upper

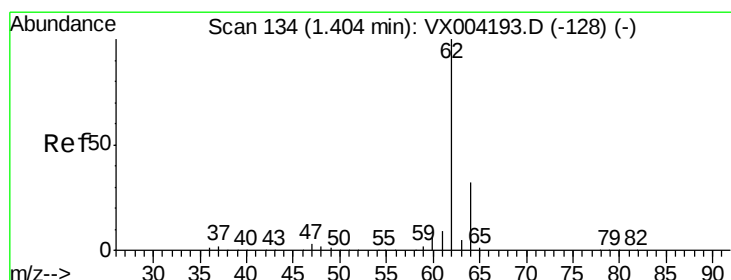
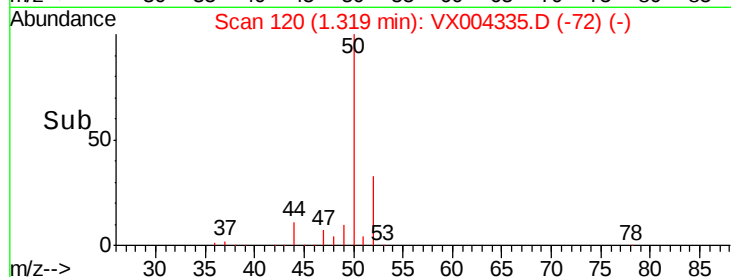
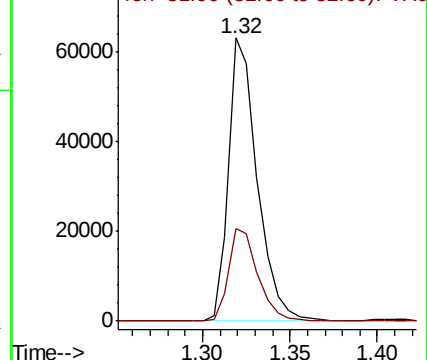
50 100

52 32.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.59 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004335.D

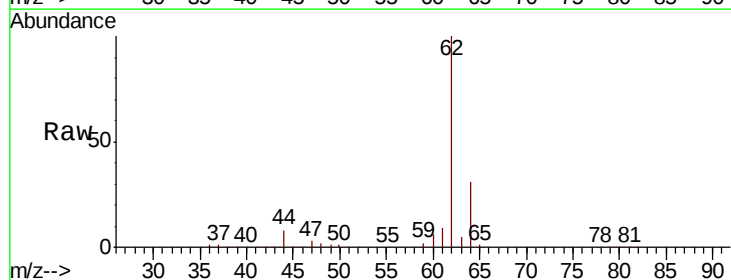
Acq: 31 Aug 2018 19:13

Tgt Ion: 62 Resp: 74342

Ion Ratio Lower Upper

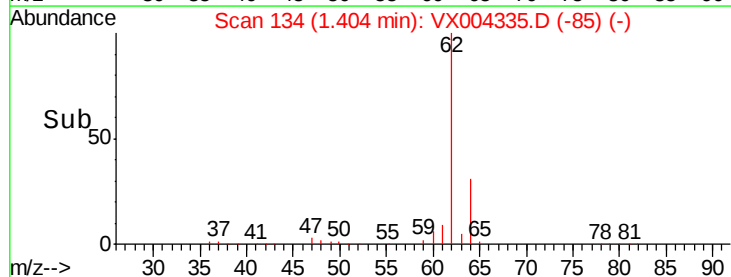
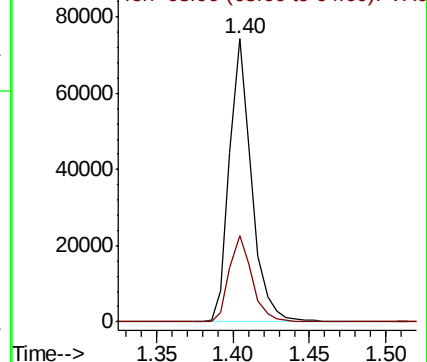
62 100

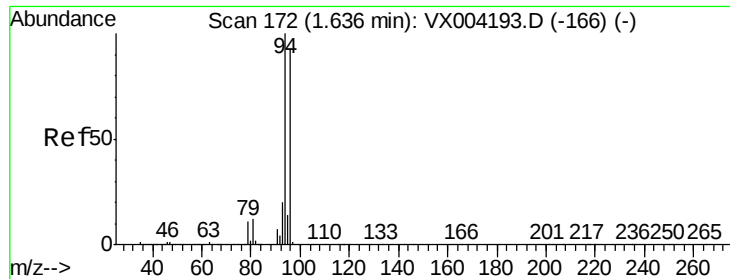
64 30.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.17 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

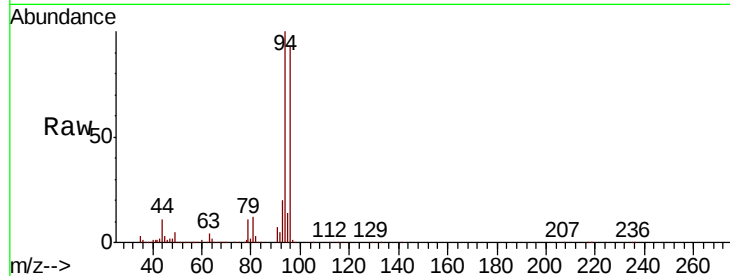
VX0831WBSD01

Tot Ion: 94 Resp: 38205

Ion Ratio Lower Upper

94 100

96 93.3 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

40000

30000

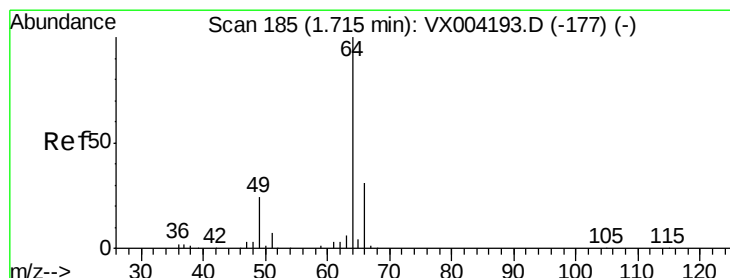
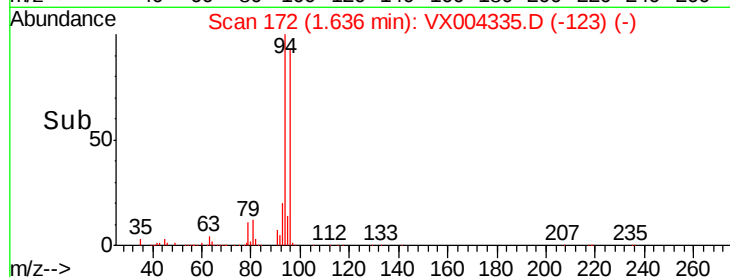
20000

10000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 17.76 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004335.D

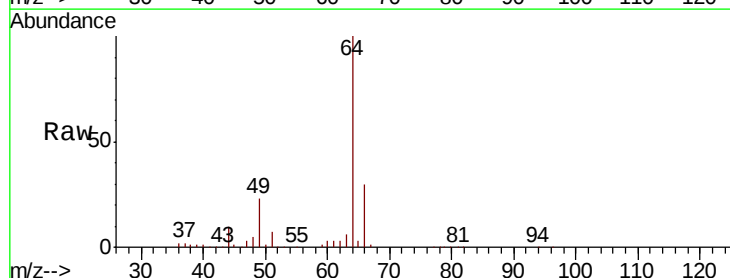
Acq: 31 Aug 2018 19:13

Tgt Ion: 64 Resp: 49694

Ion Ratio Lower Upper

64 100

66 31.1 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

40000

30000

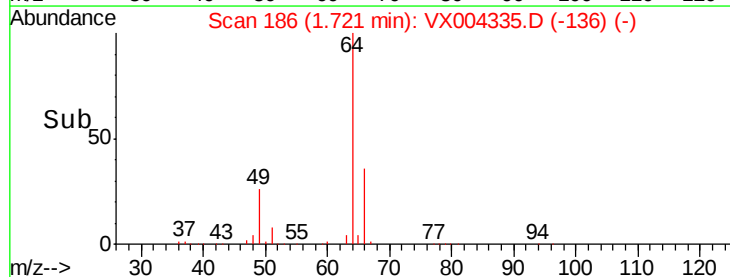
20000

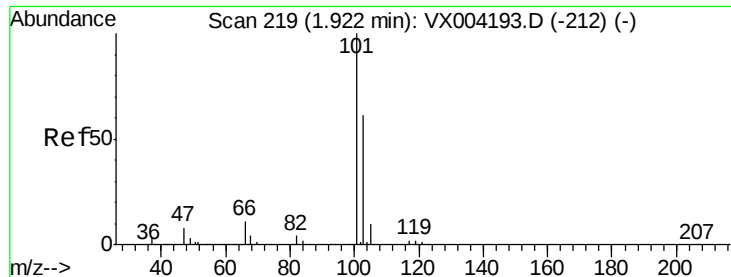
10000

0

Time-->

1.65 1.70 1.75 1.80





#7

Trichlorofluoromethane

Concen: 19.61 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

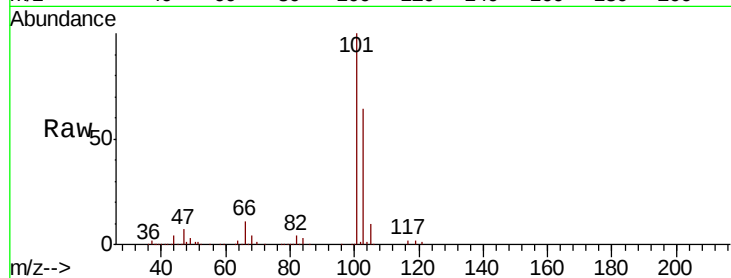
VX0831WBSD01

Tot Ion:101 Resp: 101977

Ion Ratio Lower Upper

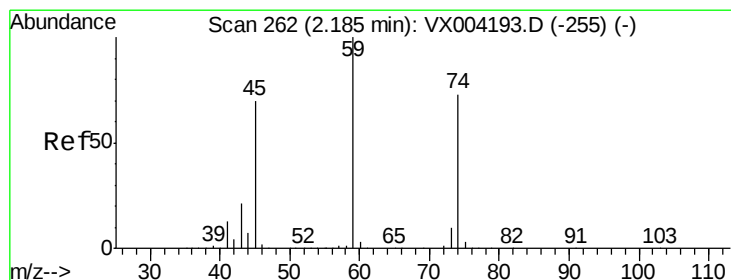
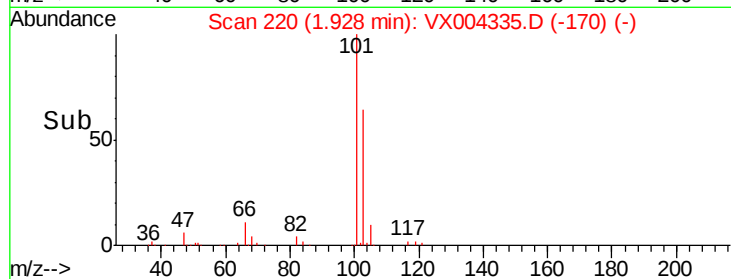
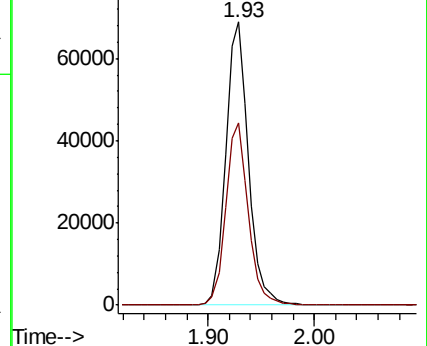
101 100

103 64.2 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.28 ug/l

RT: 2.18 min Scan# 262

Delta R.T. -0.00 min

Lab File: VX004335.D

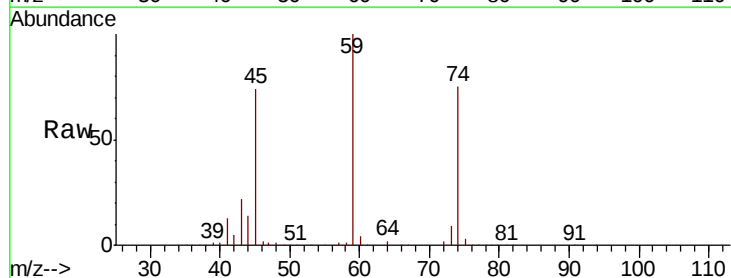
Acq: 31 Aug 2018 19:13

Tgt Ion: 74 Resp: 45160

Ion Ratio Lower Upper

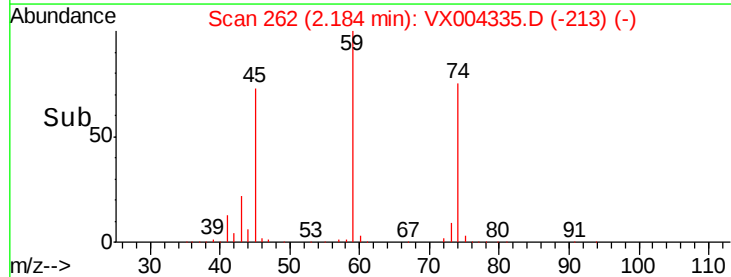
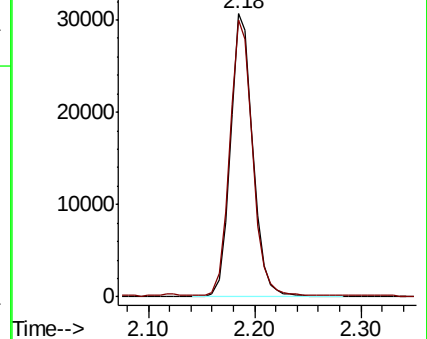
74 100

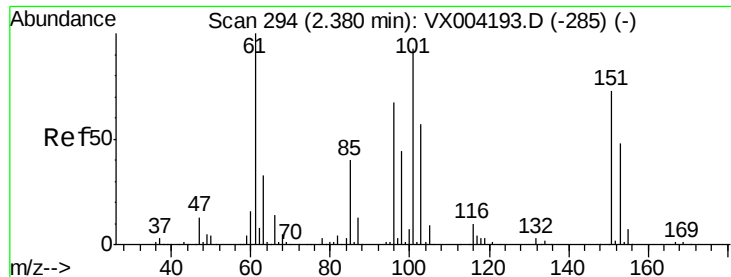
45 98.4 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.40 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

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ClientSampleId :

VX0831WBSD01

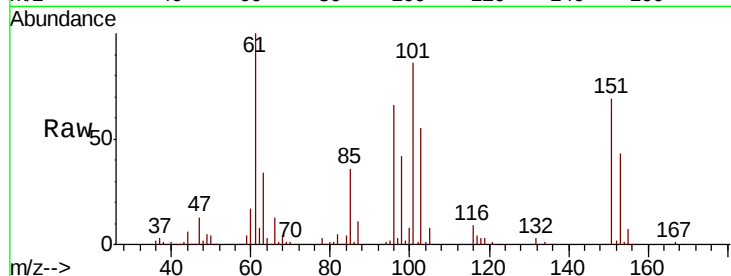
Tot Ion:101 Resp: 63193

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

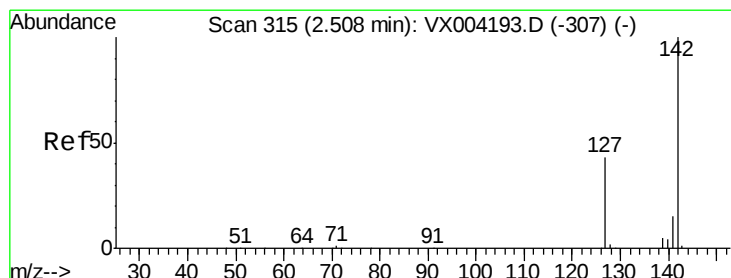
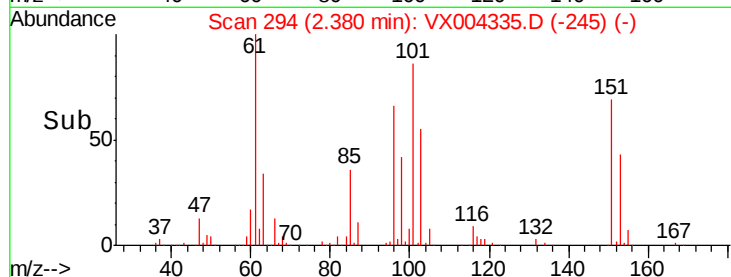
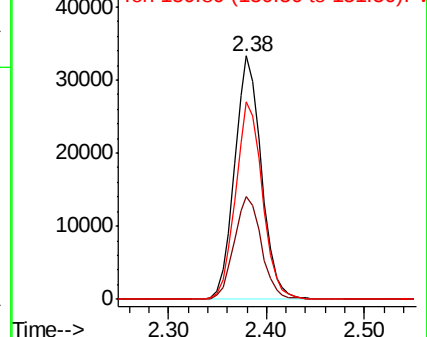
151 81.4 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.44 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

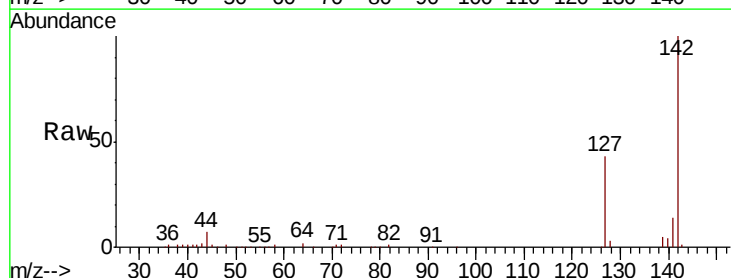
Tgt Ion:142 Resp: 60984

Ion Ratio Lower Upper

142 100

127 41.6 33.8 50.6

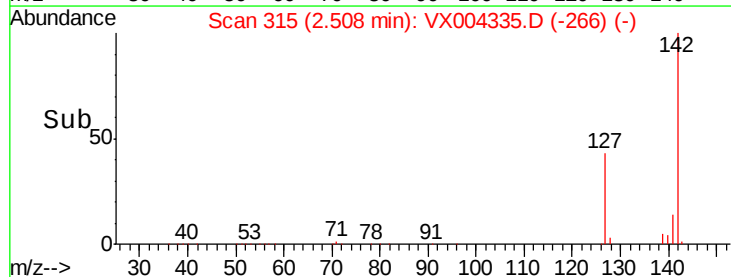
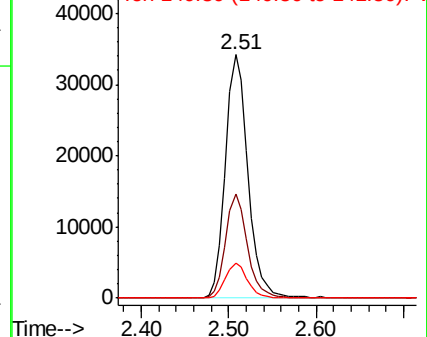
141 14.2 11.4 17.0

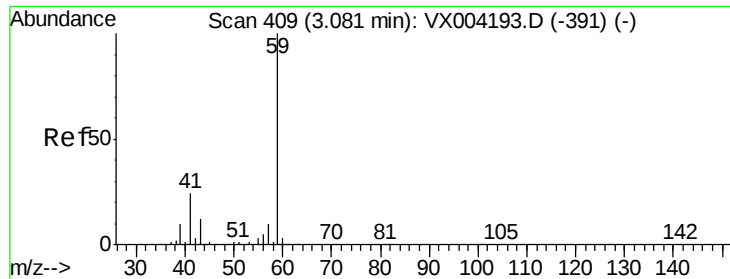


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

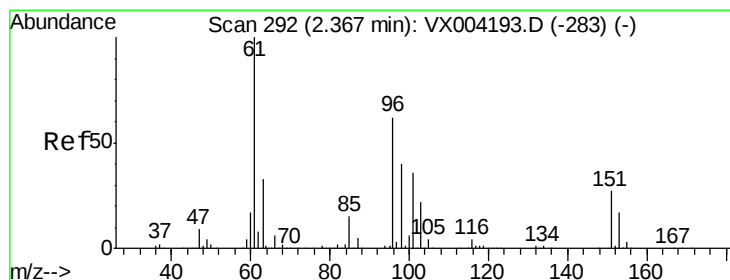
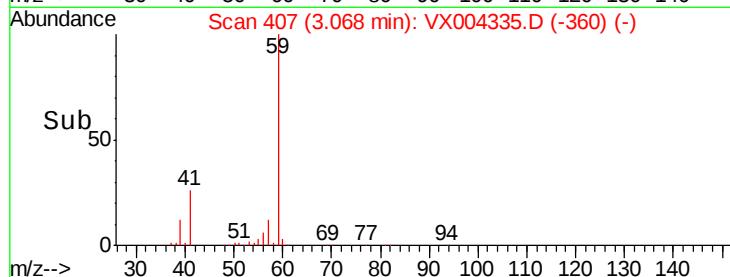
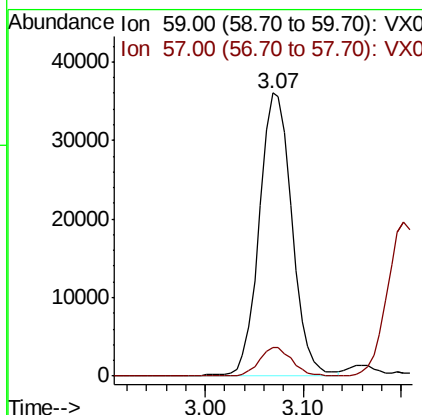
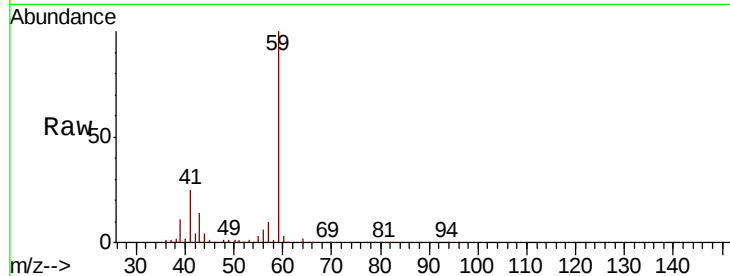




#11
Tert butyl alcohol
Concen: 104.14 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

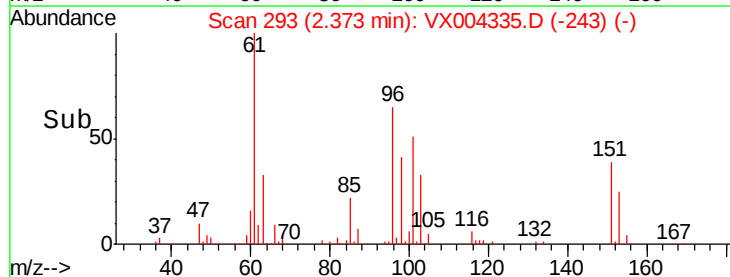
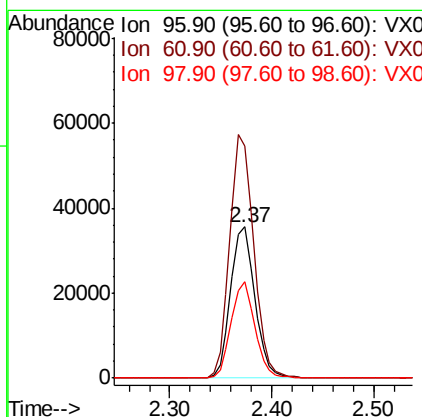
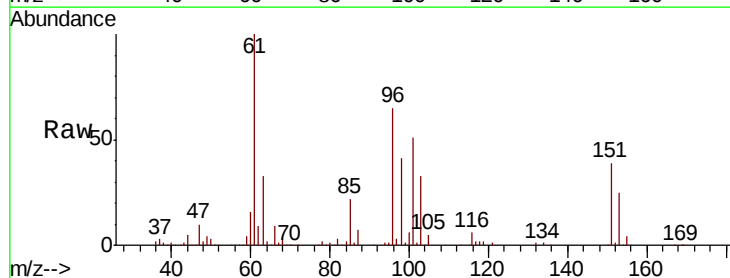
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD01

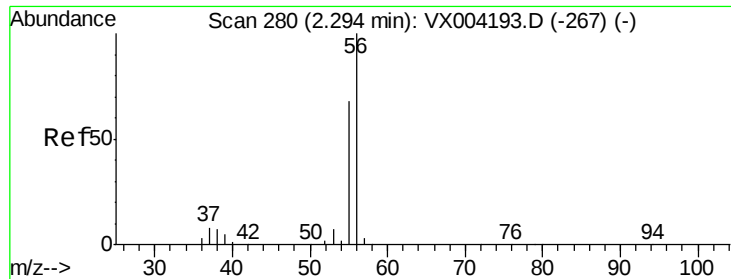
Tot Ion: 59 Resp: 83803
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.13 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

Tgt Ion: 96 Resp: 58699
Ion Ratio Lower Upper
96 100
61 153.8 128.8 193.2
98 63.7 52.2 78.2





#13

Acrolein

Concen: 184.08 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

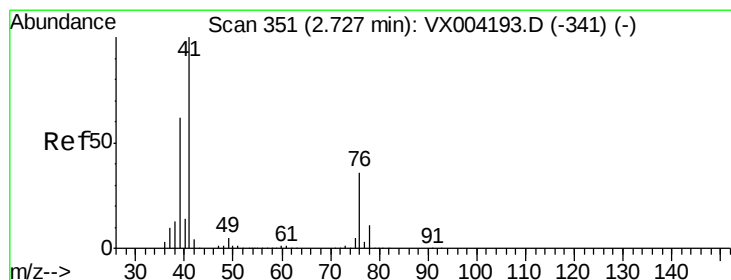
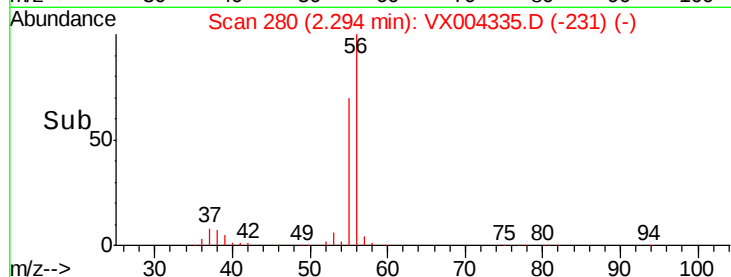
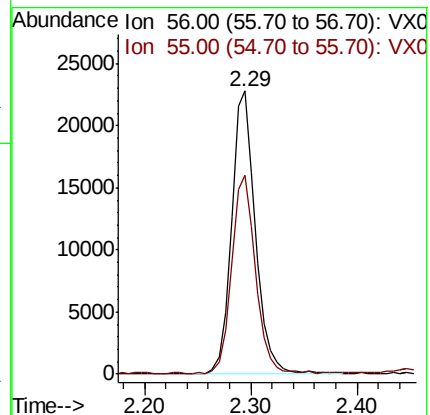
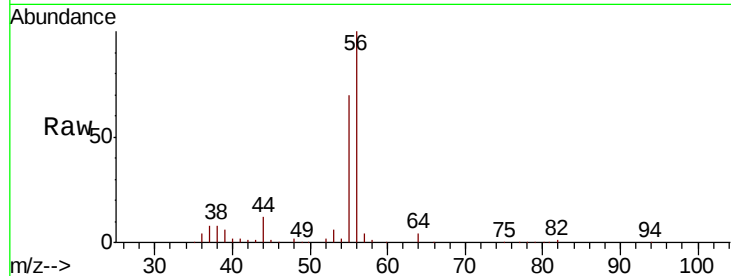
VX0831WBSD01

Tot Ion: 56 Resp: 35712

Ion Ratio Lower Upper

56 100

55 70.7 54.7 82.1



#14

Allyl chloride

Concen: 20.46 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

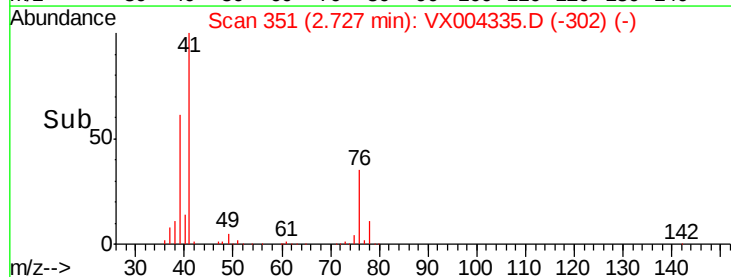
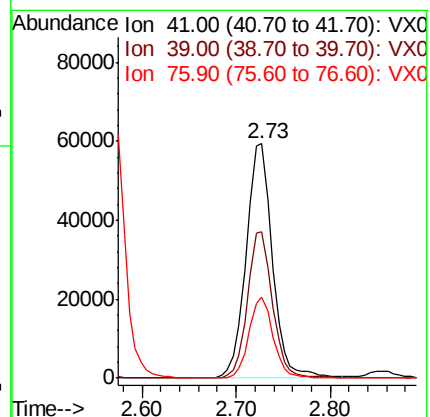
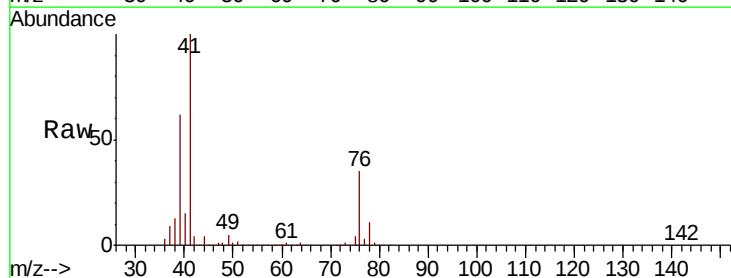
Tgt Ion: 41 Resp: 115321

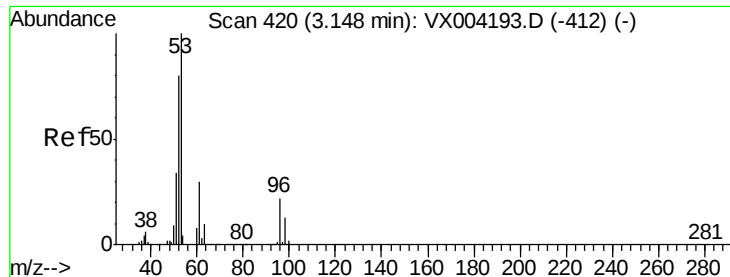
Ion Ratio Lower Upper

41 100

39 58.7 48.9 73.3

76 32.0 26.7 40.1





#15

Acrylonitrile

Concen: 103.81 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD01

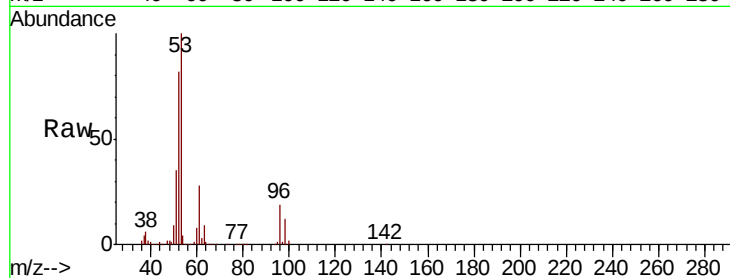
Tot Ion: 53 Resp: 206880

Ion Ratio Lower Upper

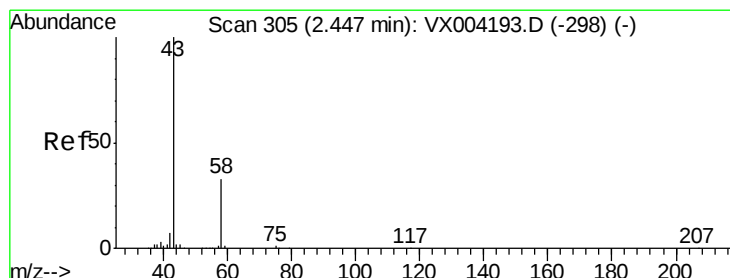
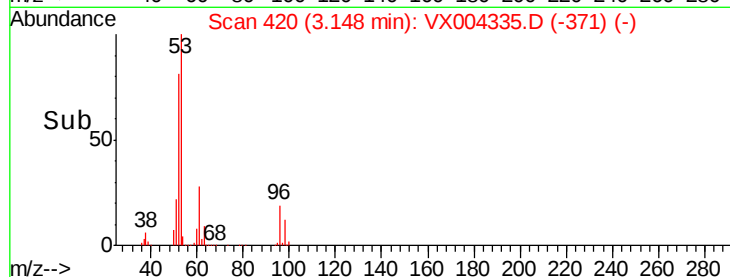
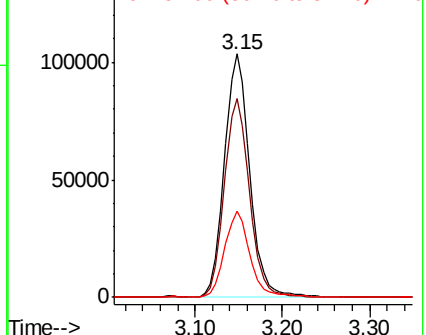
53 100

52 81.1 65.2 97.8

51 35.5 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: 104.49 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004335.D

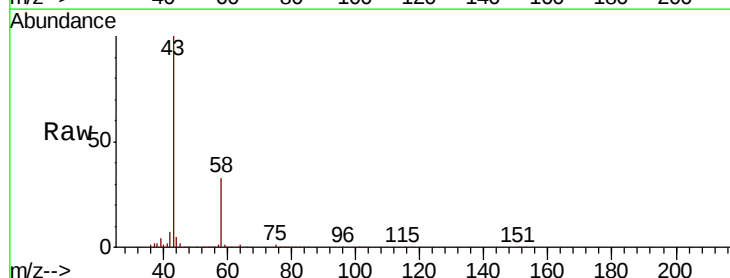
Acq: 31 Aug 2018 19:13

Tgt Ion: 43 Resp: 168259

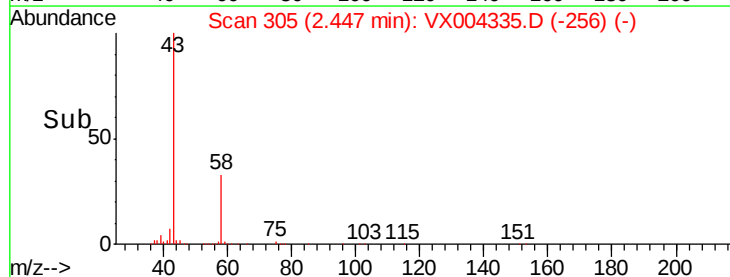
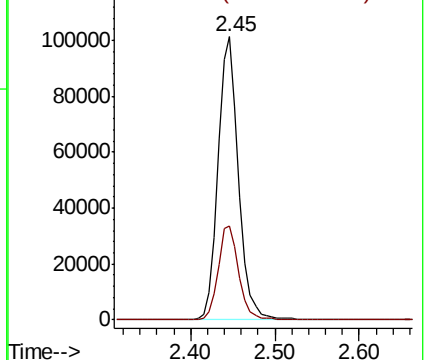
Ion Ratio Lower Upper

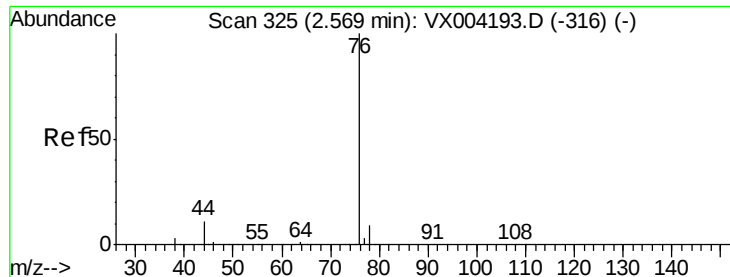
43 100

58 33.4 26.2 39.4



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

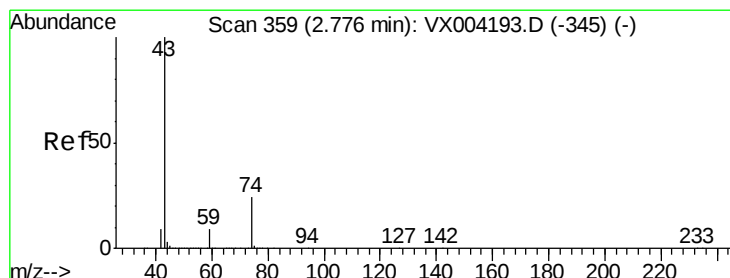
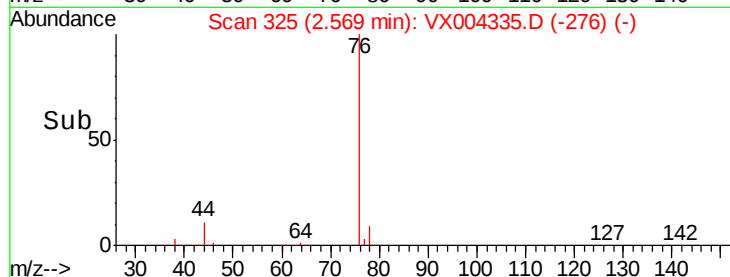
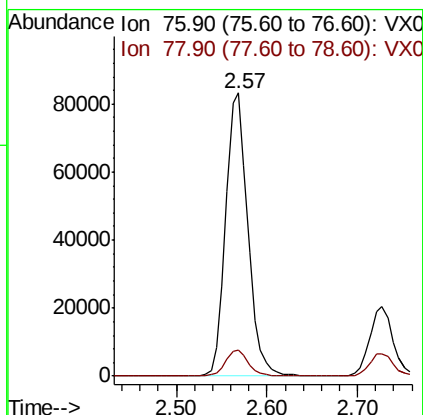
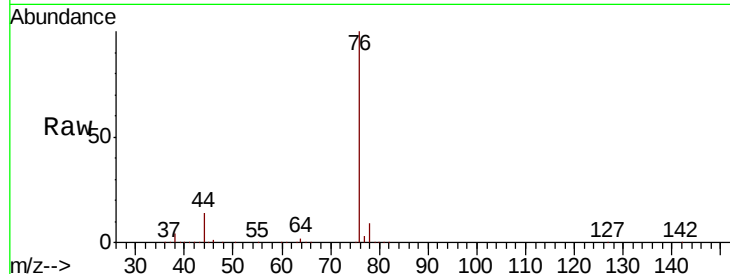




#17
Carbon Disulfide
Concen: 17.18 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

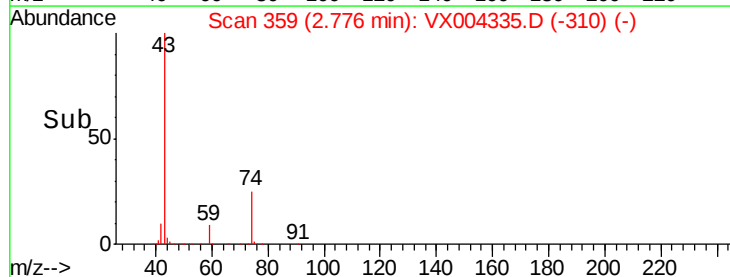
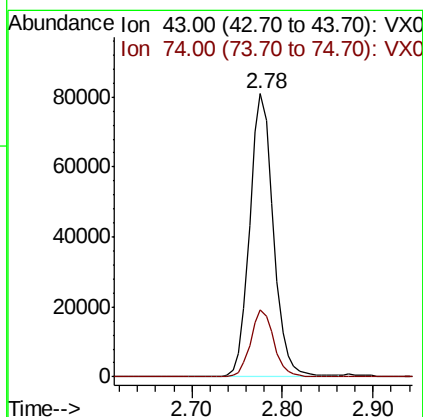
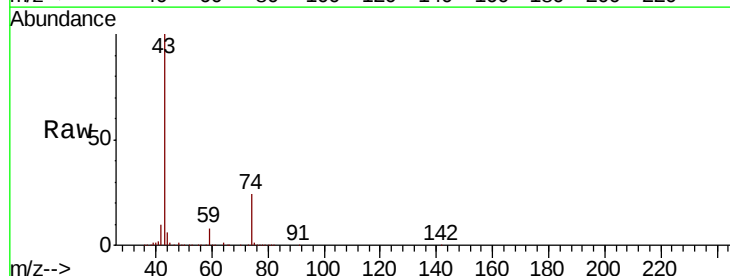
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD01

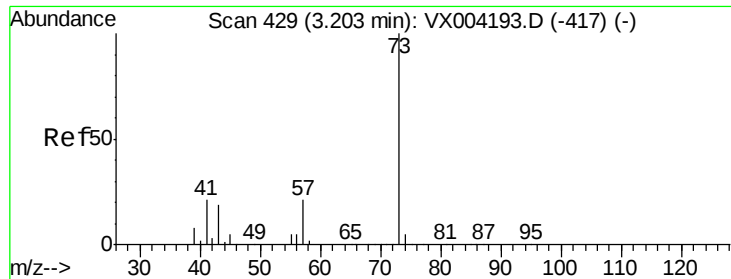
Tot Ion: 76 Resp: 141837
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 26.05 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

Tgt Ion: 43 Resp: 145925
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2

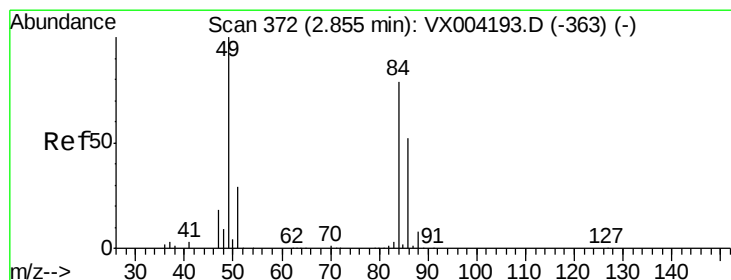
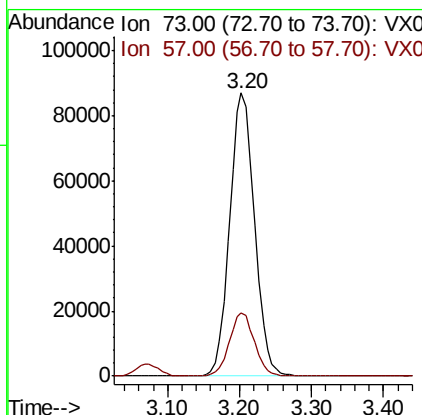
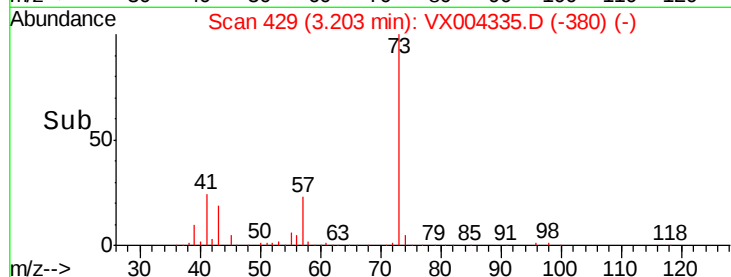
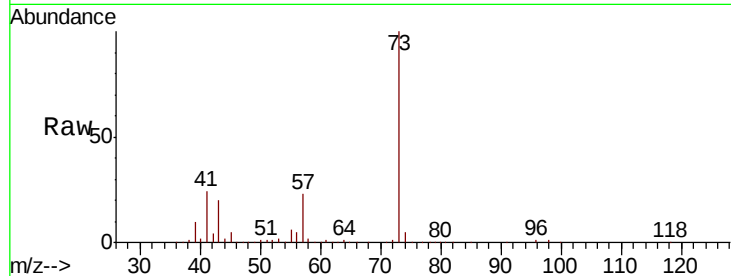




#19
Methvl tert-butvl Ether
Concen: 20.64 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

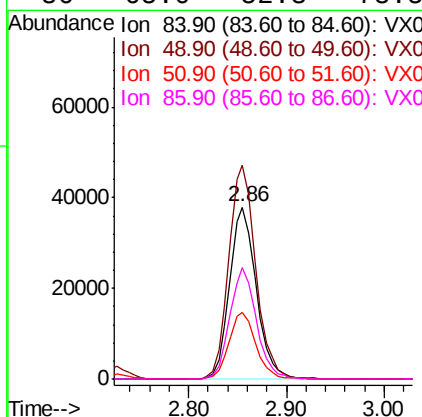
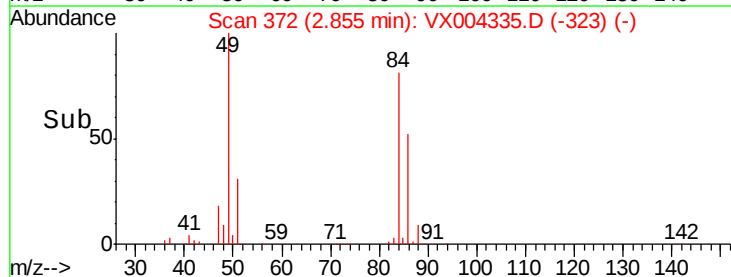
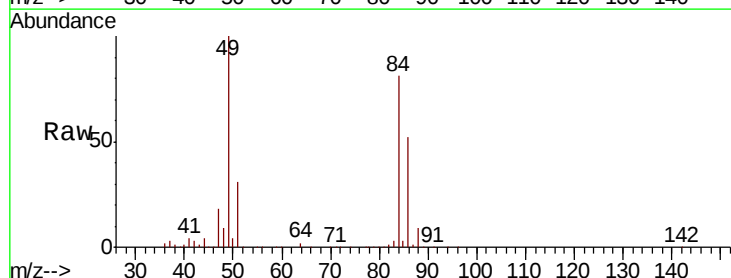
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD01

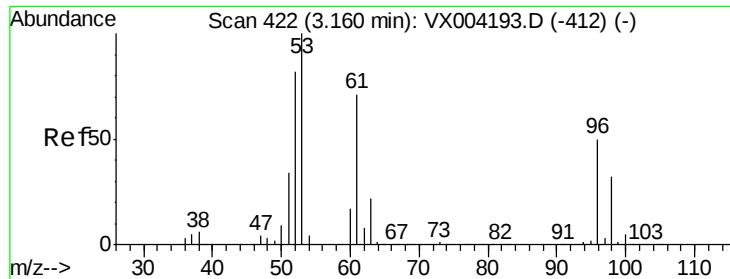
Tot Ion: 73 Resp: 208716
Ion Ratio Lower Upper
73 100
57 22.6 17.1 25.7



#20
Methylene Chloride
Concen: 19.80 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

Tgt Ion: 84 Resp: 71959
Ion Ratio Lower Upper
84 100
49 124.2 101.2 151.8
51 38.7 29.5 44.3
86 65.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.64 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD01

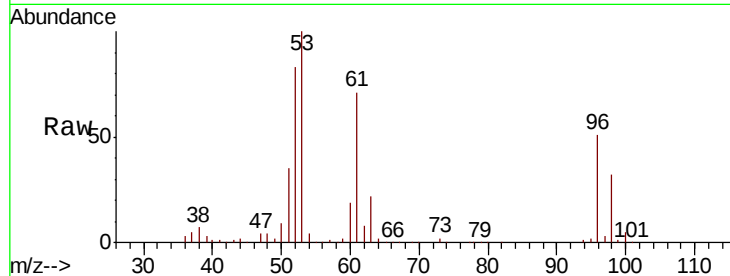
Tot Ion: 96 Resp: 63318

Ion Ratio Lower Upper

96 100

61 139.4 113.8 170.6

98 62.1 51.8 77.8

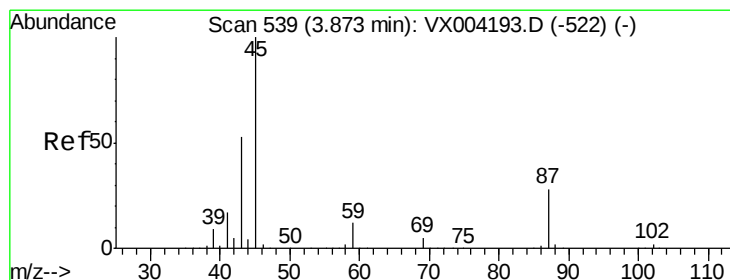
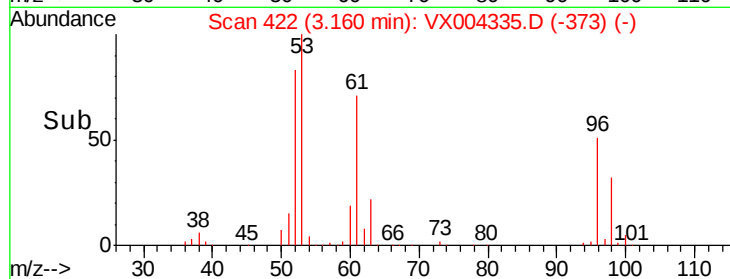
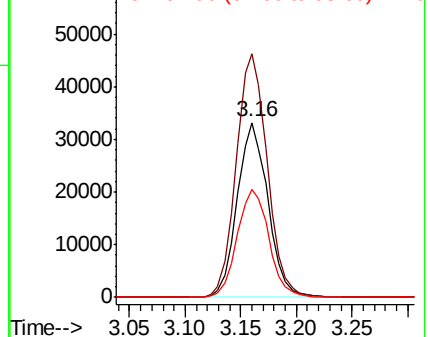


Abundance

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: 21.05 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Tgt Ion: 45 Resp: 221542

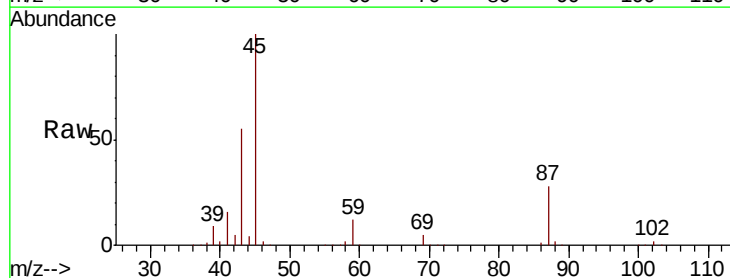
Ion Ratio Lower Upper

45 100

43 54.6 42.8 64.2

87 27.8 22.6 34.0

59 11.9 9.6 14.4



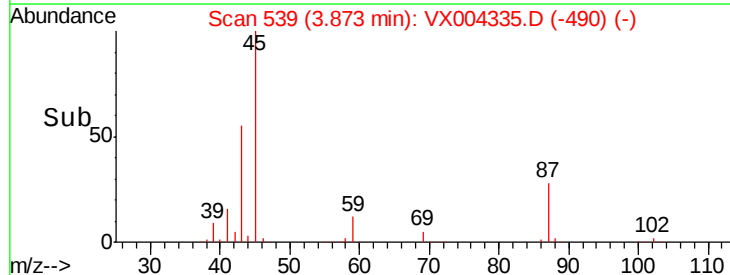
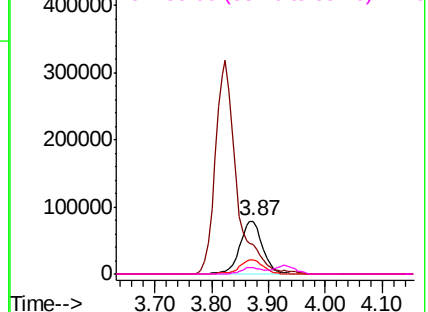
Abundance

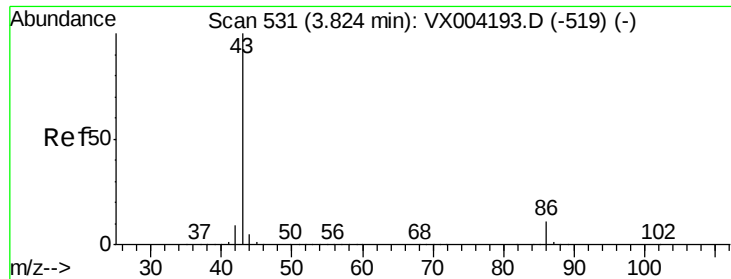
Ion 45.00 (44.70 to 45.70): VX0

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: 96.42 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

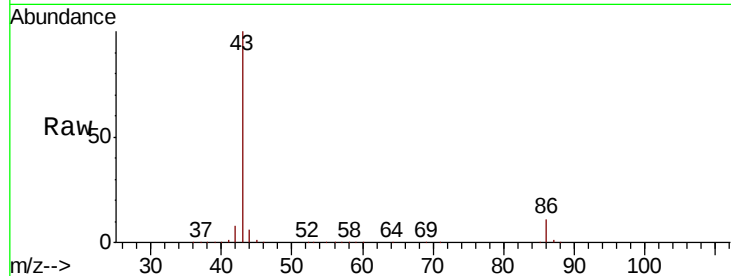
VX0831WBSD01

Tot Ion: 43 Resp: 822516

Ion Ratio Lower Upper

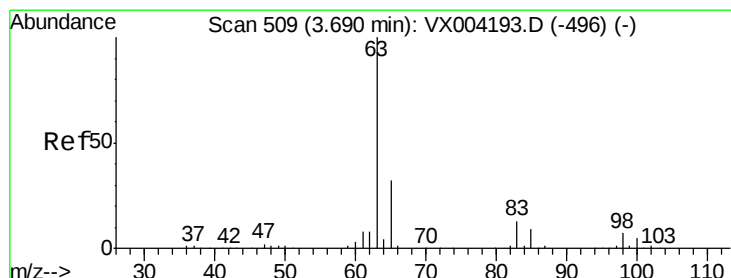
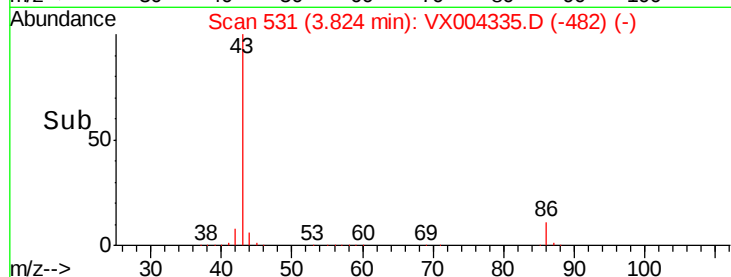
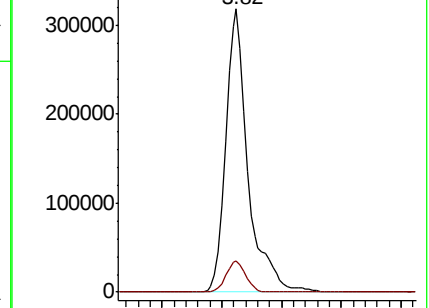
43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.35 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.01 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

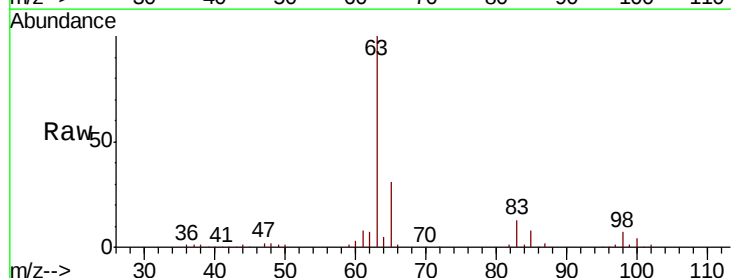
Tgt Ion: 63 Resp: 124800

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

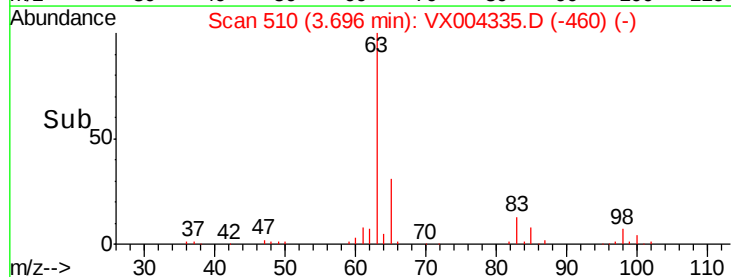
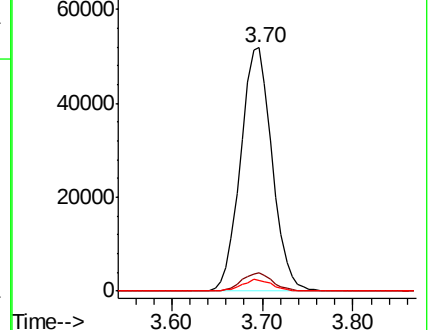
100 4.5 2.4 7.1

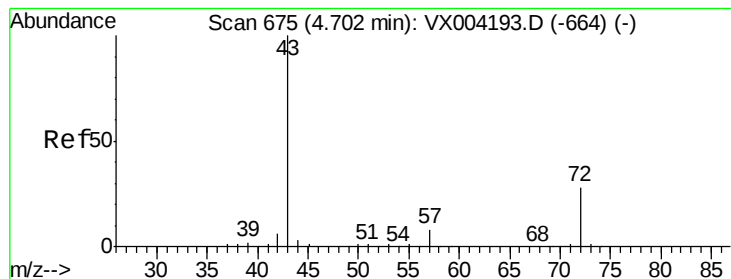


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.72 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampled :

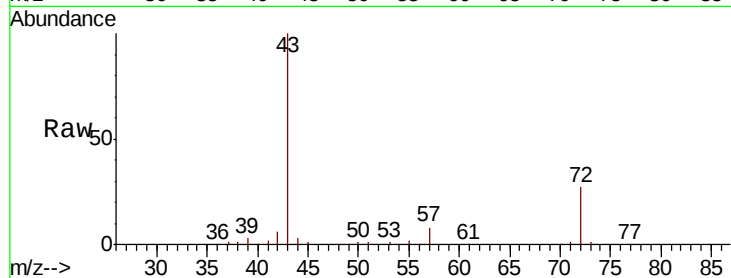
VX0831WBSD01

Tot Ion: 43 Resp: 264069

Ion Ratio Lower Upper

43 100

72 26.9 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

100000

80000

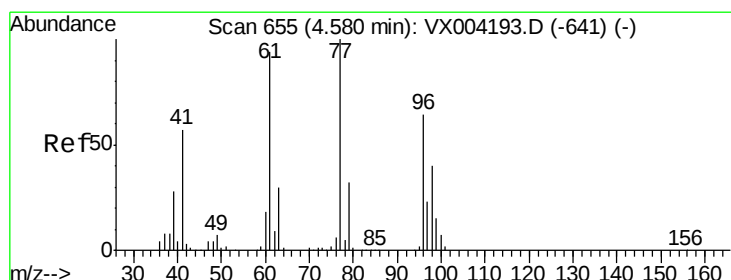
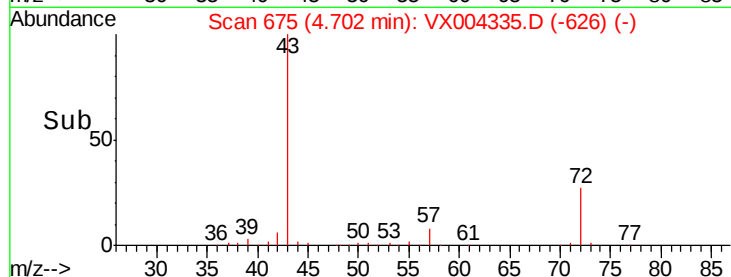
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 18.55 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004335.D

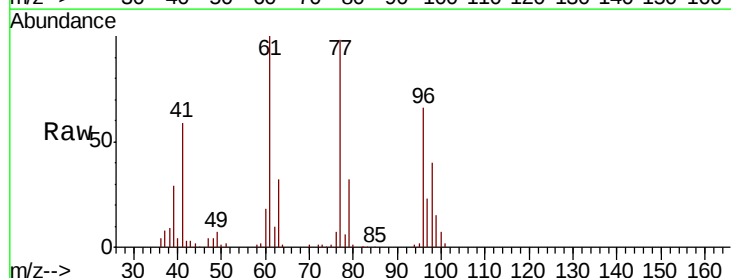
Acq: 31 Aug 2018 19:13

Tgt Ion: 77 Resp: 89226

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

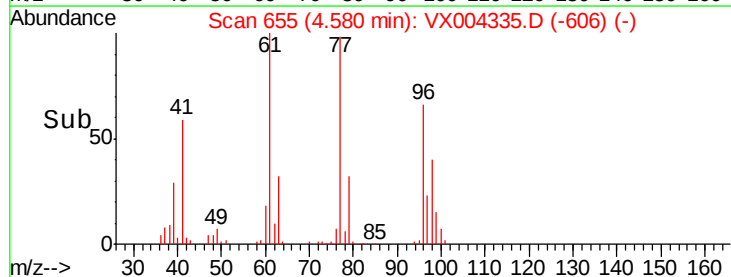
30000

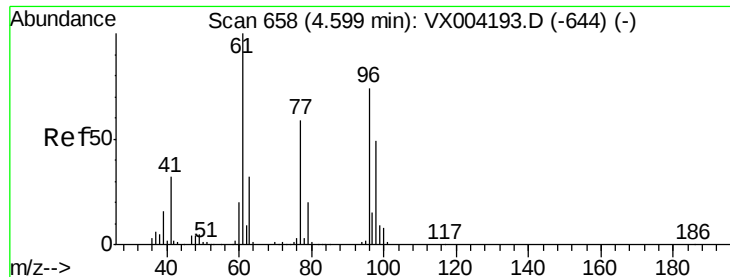
20000

10000

0

Time-->



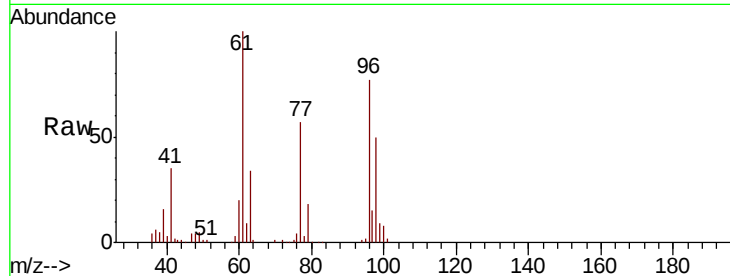


#27

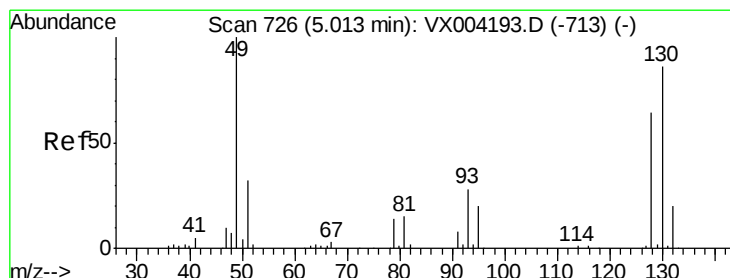
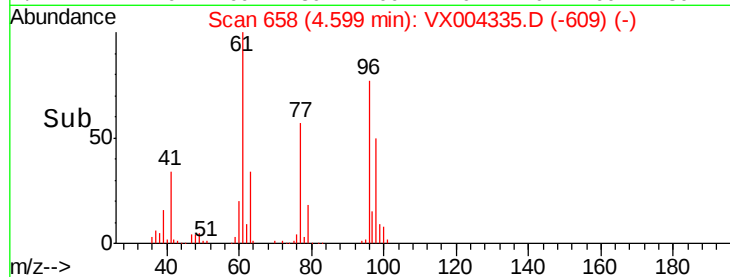
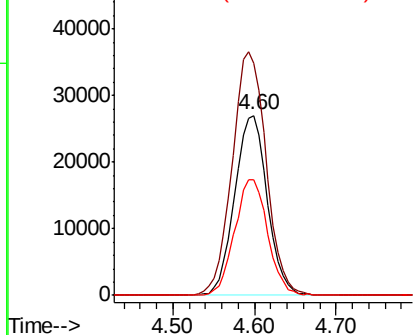
cis-1,2-Dichloroethene
 Concen: 19.43 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD01

Tot Ion	96	Resp	74853
Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	282.6
98	65.2	0.0	130.2



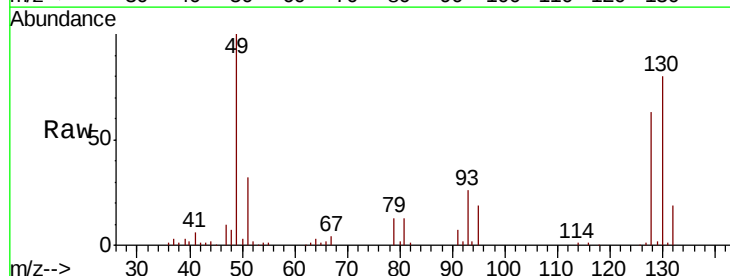
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



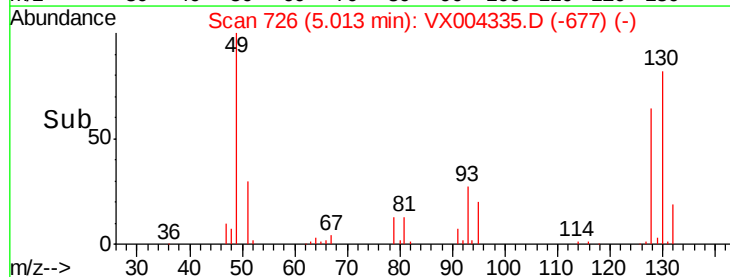
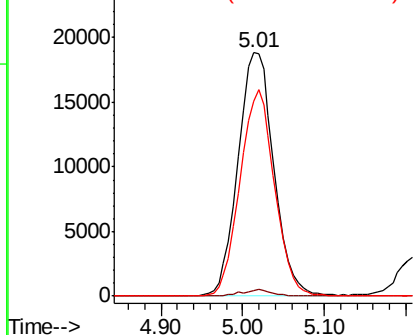
#28

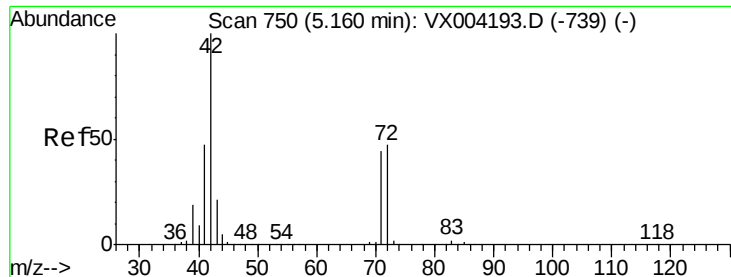
Bromochloromethane
 Concen: 21.16 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

Tgt Ion	49	Resp	57456
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	81.8	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: 103.41 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD01

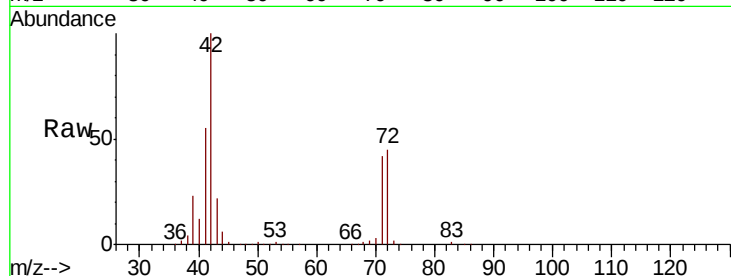
Tot Ion: 42 Resp: 167724

Ion Ratio Lower Upper

42 100

72 46.5 37.4 56.0

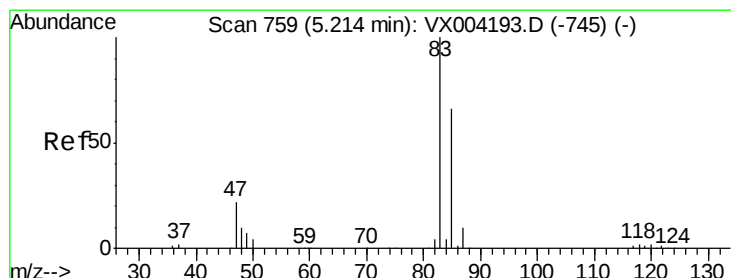
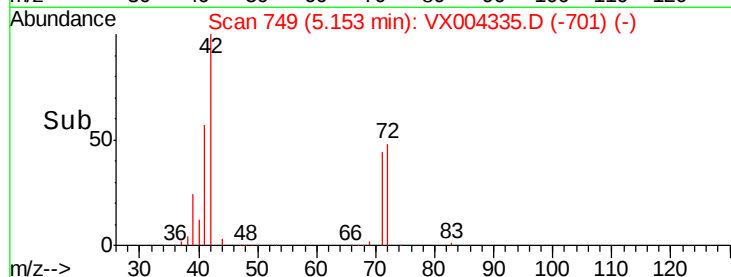
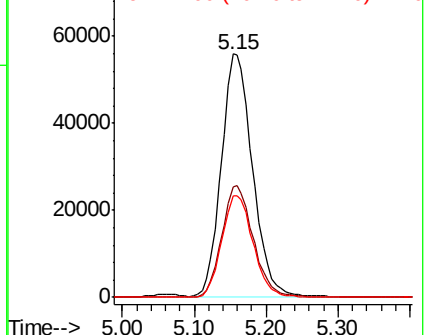
71 42.3 34.5 51.7



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: 20.44 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004335.D

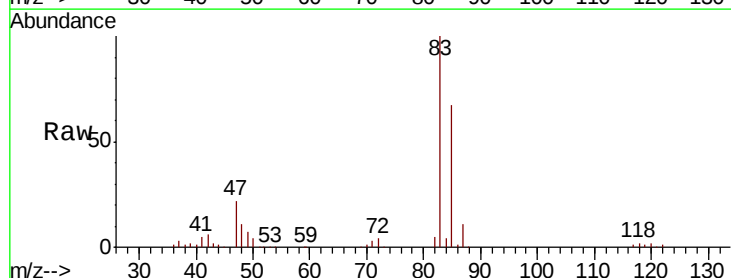
Acq: 31 Aug 2018 19:13

Tgt Ion: 83 Resp: 125737

Ion Ratio Lower Upper

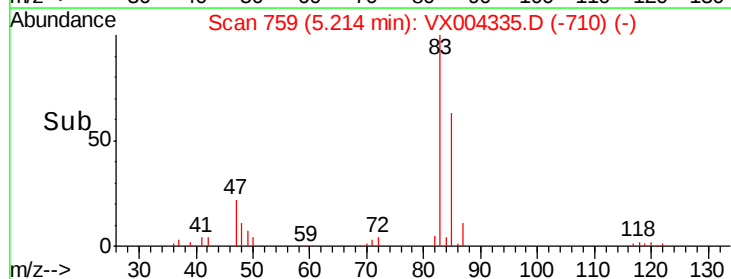
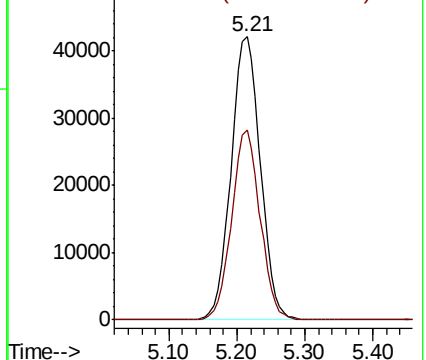
83 100

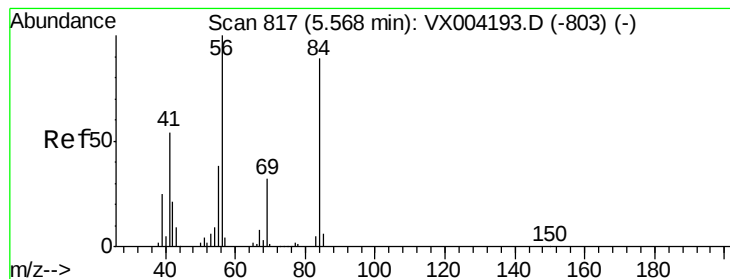
85 67.0 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.97 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD01

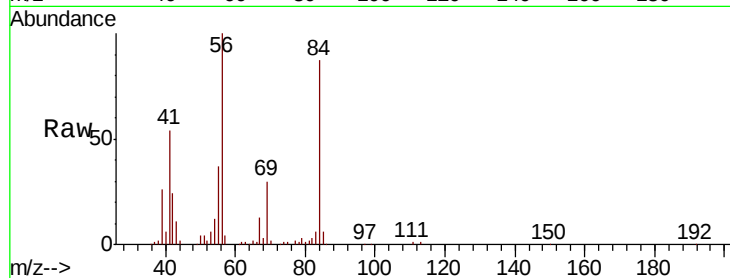
Tot Ion: 56 Resp: 100413

Ion Ratio Lower Upper

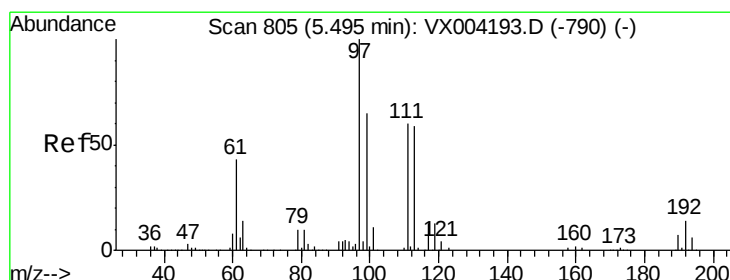
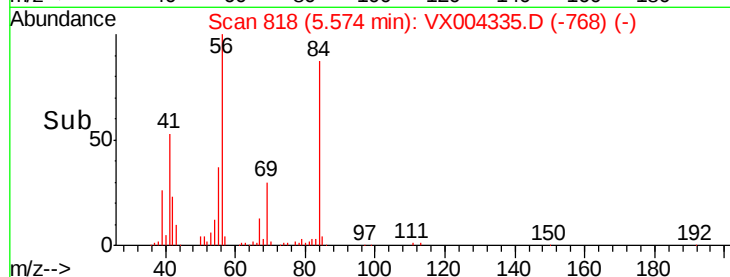
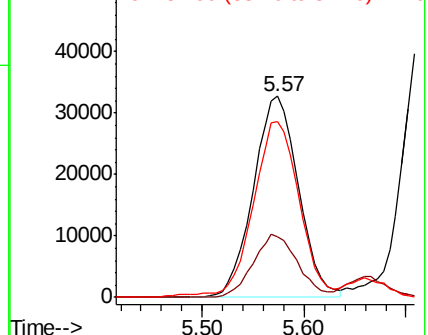
56 100

69 30.0 25.4 38.2

84 85.9 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: 19.72 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

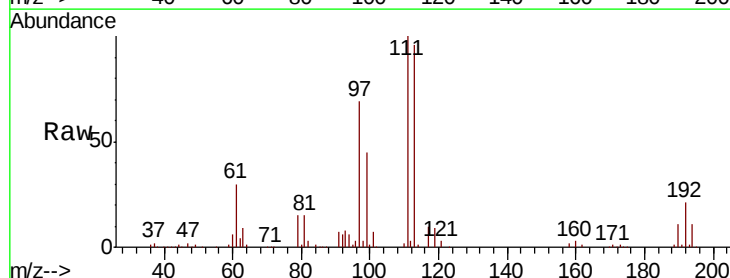
Tgt Ion: 97 Resp: 101109

Ion Ratio Lower Upper

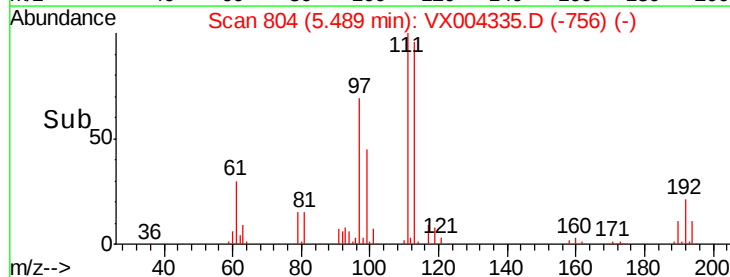
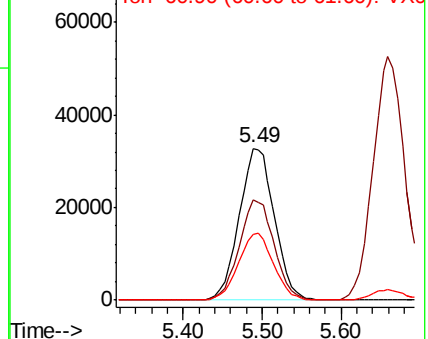
97 100

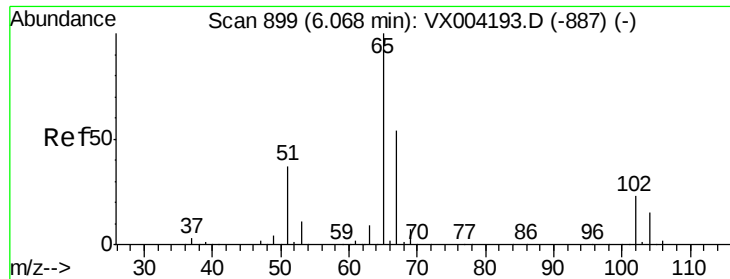
99 65.5 52.0 78.0

61 44.2 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

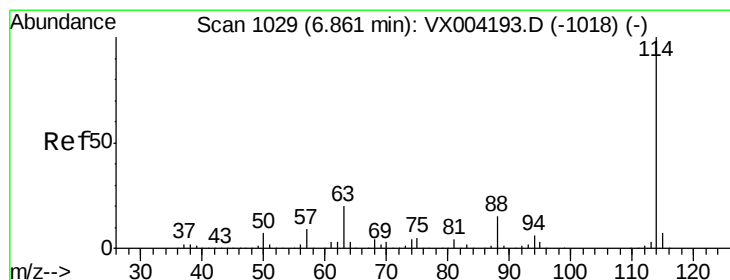
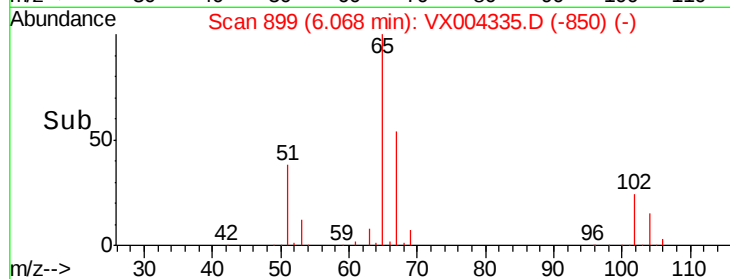
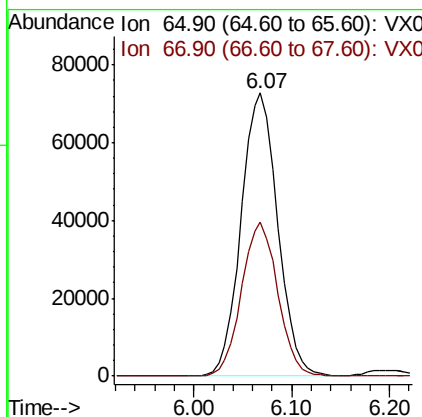
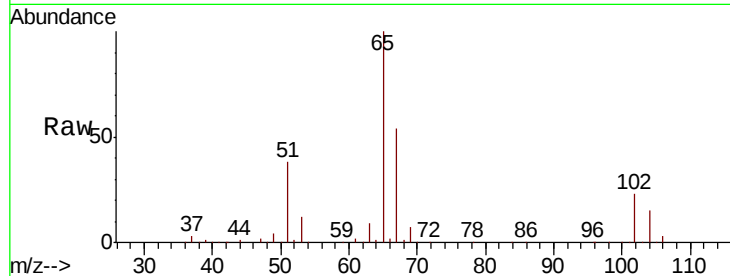




#33
 1,2-Dichloroethane-d4
 Concen: 50.00 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

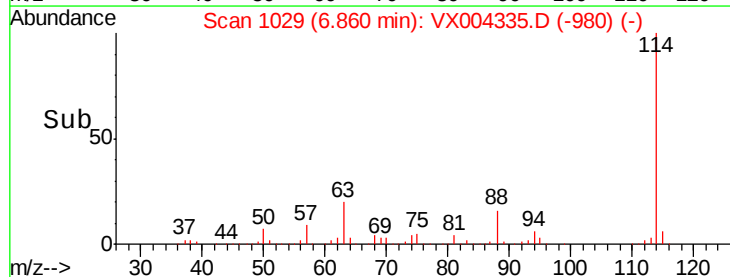
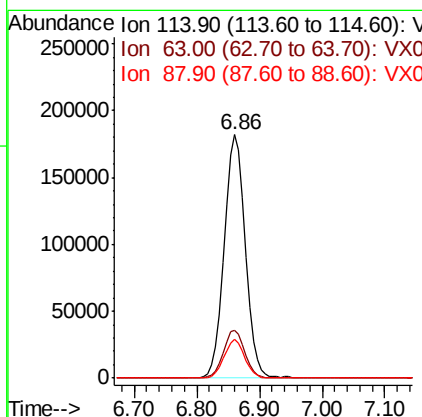
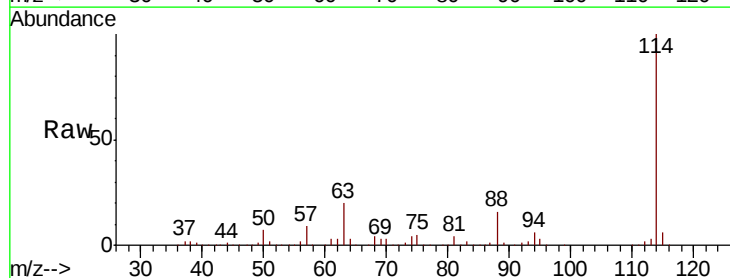
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD01

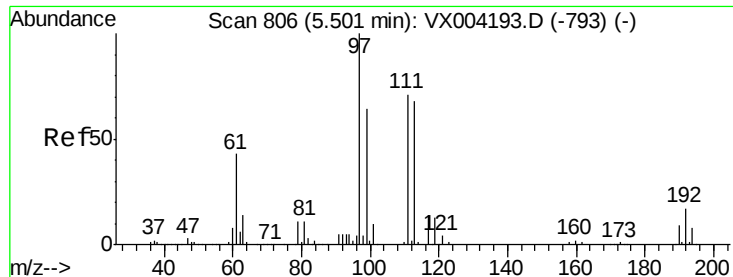
Tot Ion: 65 Resp: 188746
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

Tgt Ion: 114 Resp: 424591
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.7 0.0 30.4

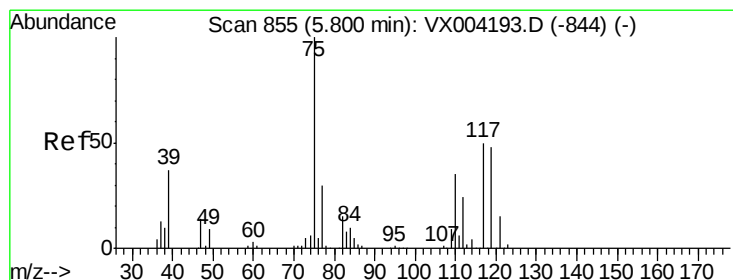
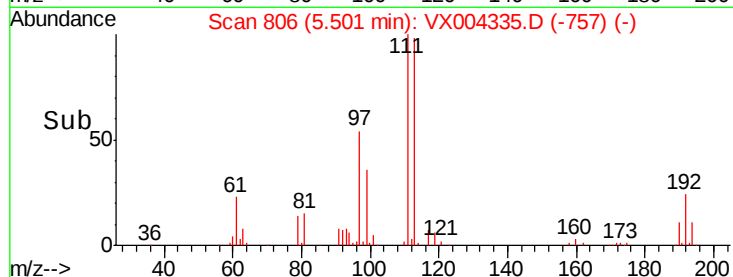
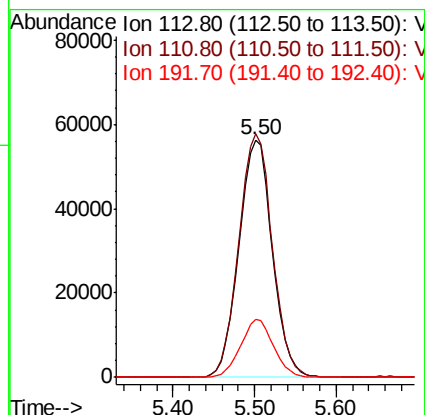
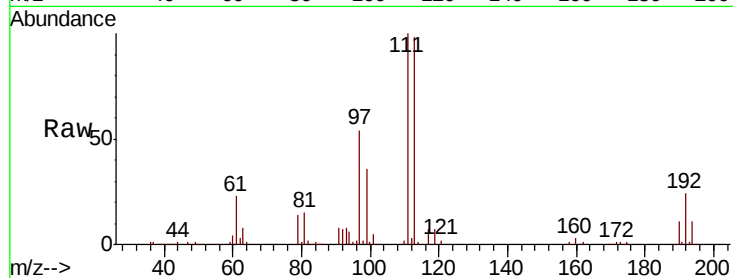




#35
 Dibromofluoromethane
 Concen: 50.61 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

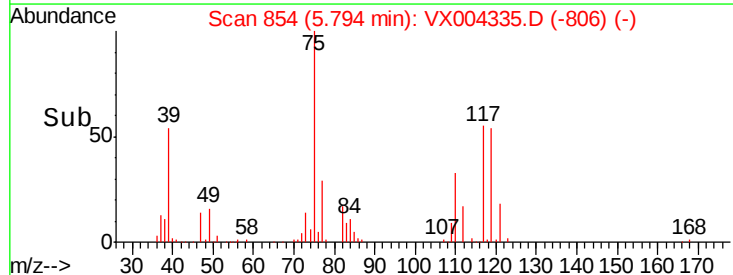
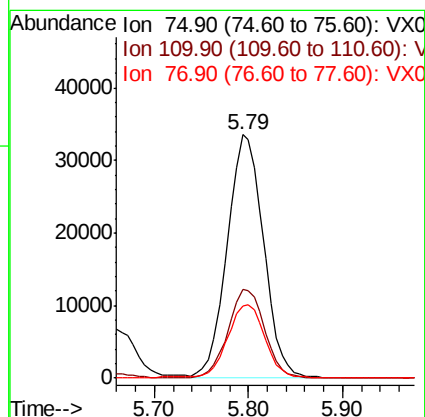
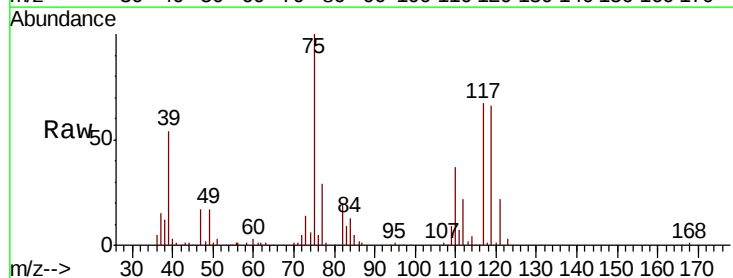
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD01

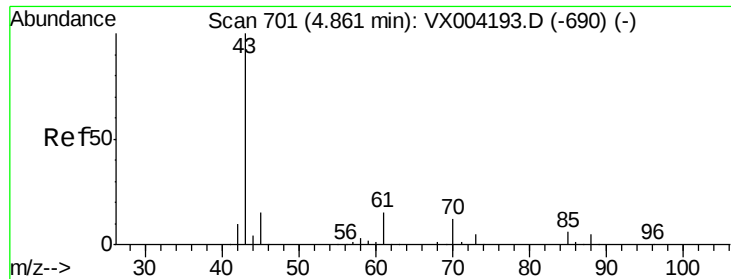
Tot Ion:113 Resp: 159876
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 24.0 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 18.74 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

Tgt Ion: 75 Resp: 89451
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.0 54.0
 77 31.2 24.6 36.8





#37

Ethyl Acetate

Concen: 20.05 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD01

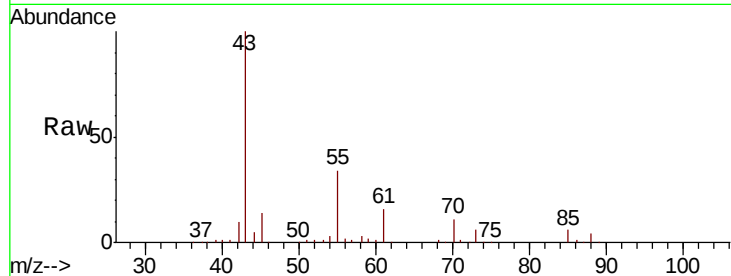
Tot Ion: 43 Resp: 94127

Ion Ratio Lower Upper

43 100

61 14.6 11.5 17.3

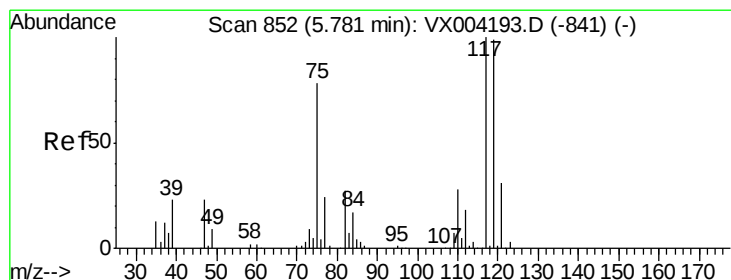
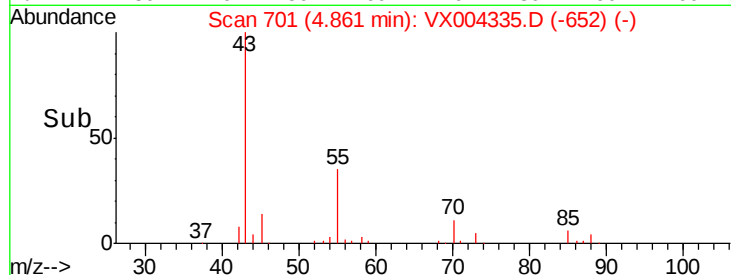
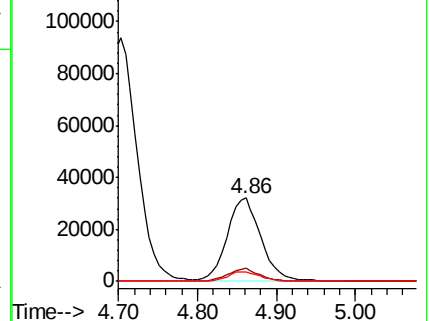
70 11.3 9.0 13.6



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: 19.09 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

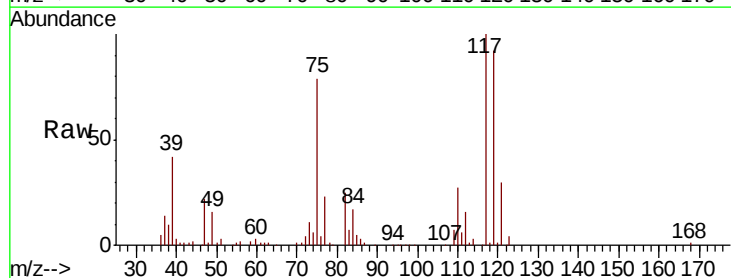
Tgt Ion: 117 Resp: 85738

Ion Ratio Lower Upper

117 100

119 91.6 78.8 118.2

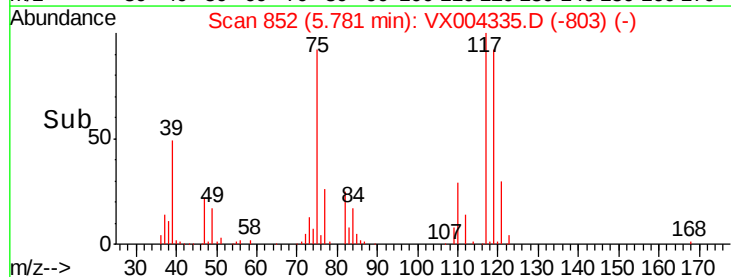
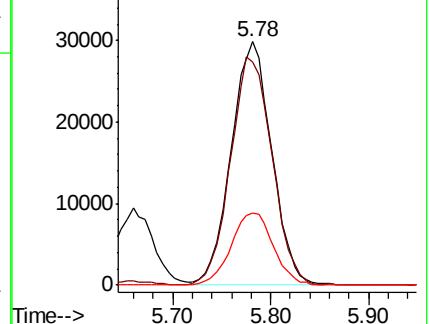
121 29.8 24.9 37.3

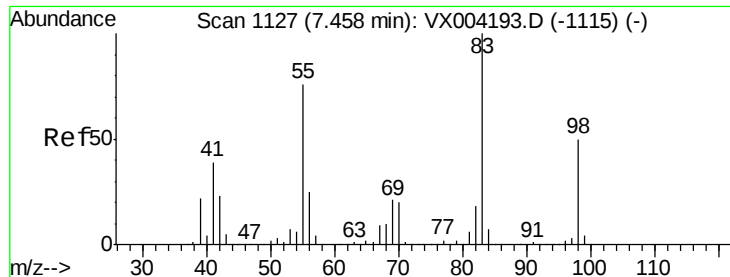


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

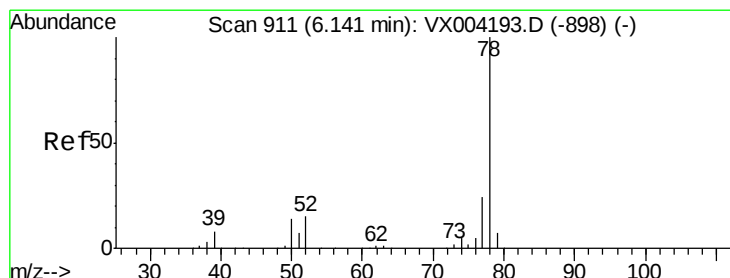
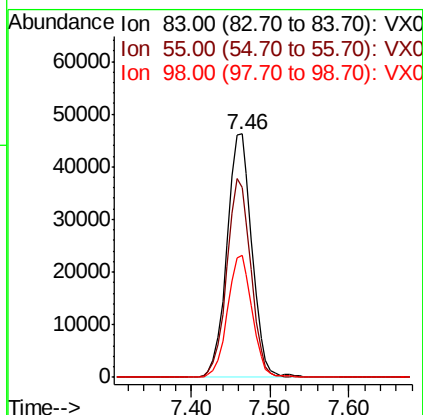
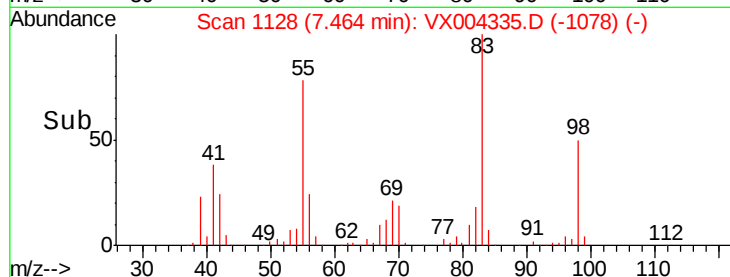
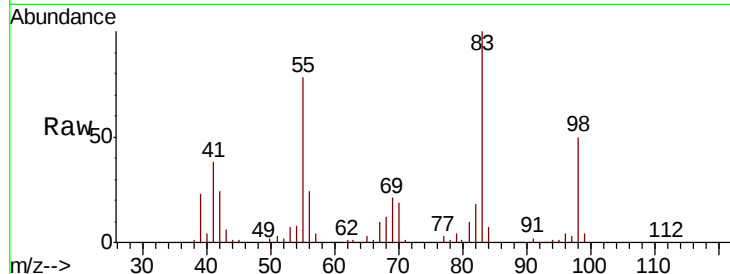




#39
Methvlcvclohexane
Concen: 18.68 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

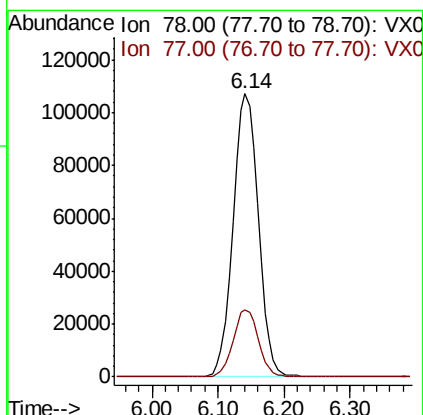
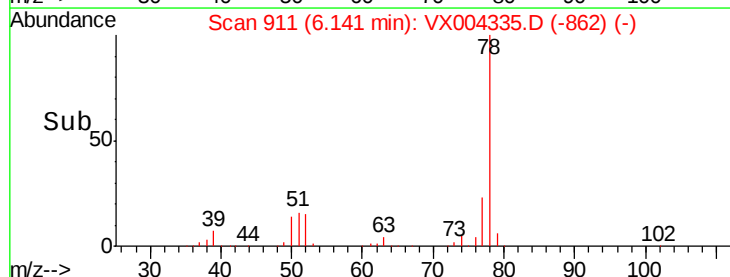
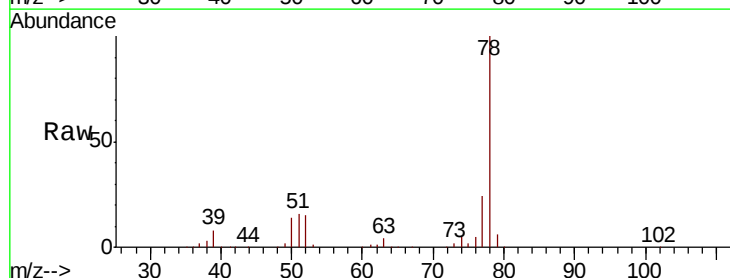
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD01

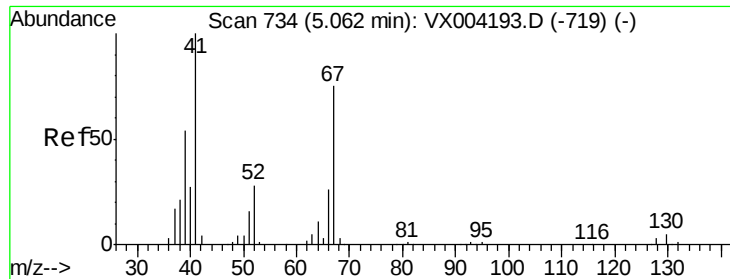
Tot Ion: 83 Resp: 101803
Ion Ratio Lower Upper
83 100
55 77.7 61.0 91.4
98 50.3 39.6 59.4



#40
Benzene
Concen: 19.94 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

Tgt Ion: 78 Resp: 284358
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

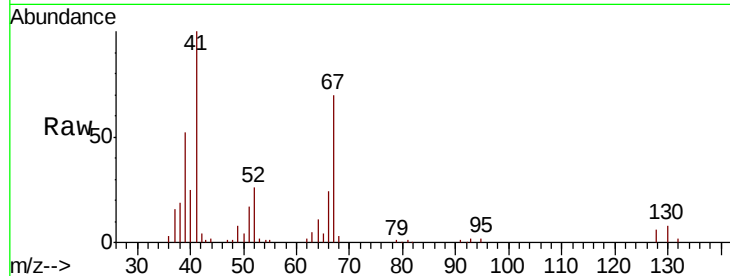




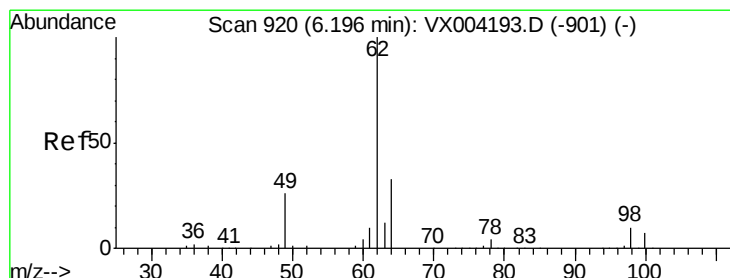
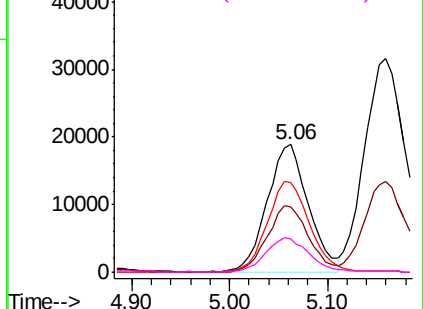
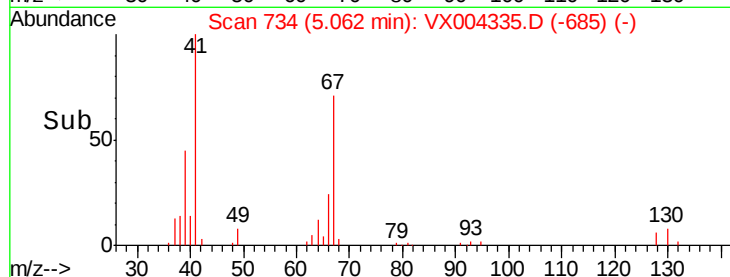
#41
Methacrylonitrile
Concen: 20.23 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD01

Tot Ion:	41	Resp:	55051
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.4	63.6
67	74.0	59.2	88.8
52	28.0	23.0	34.4

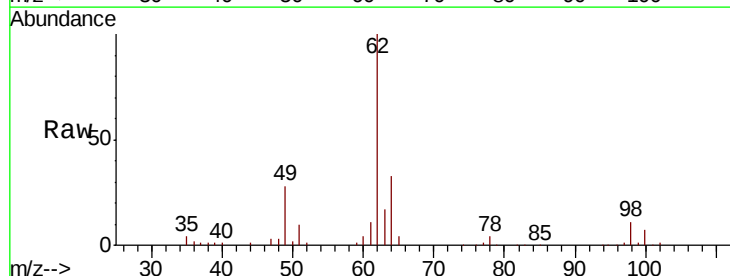


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

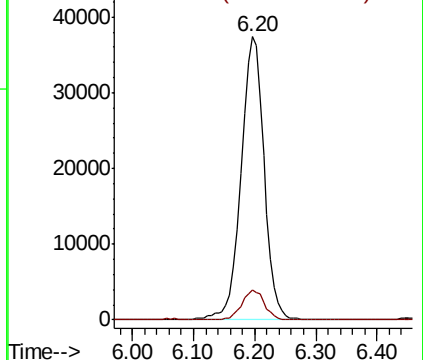
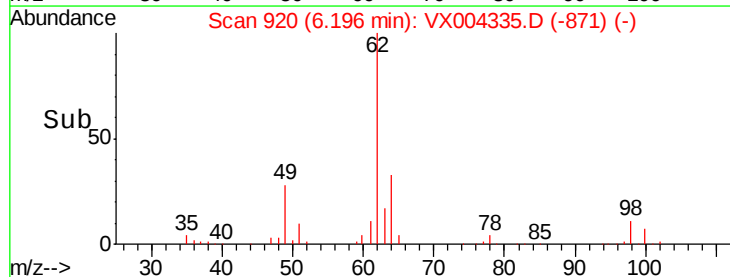


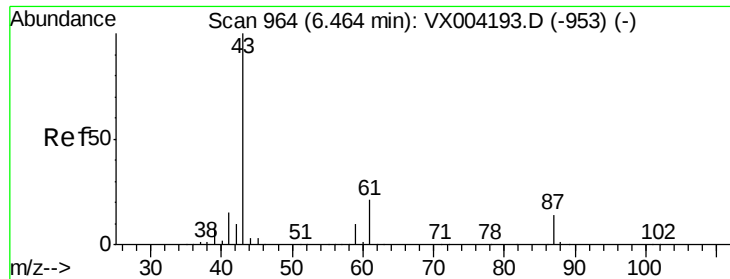
#42
1,2-Dichloroethane
Concen: 20.01 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

Tgt Ion:	62	Resp:	97340
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.6



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



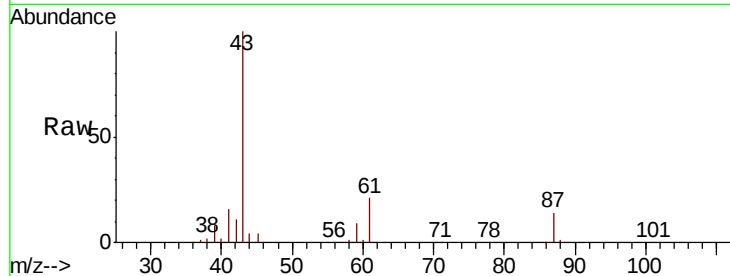


#43

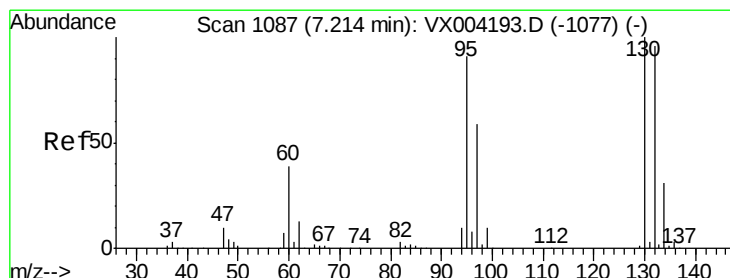
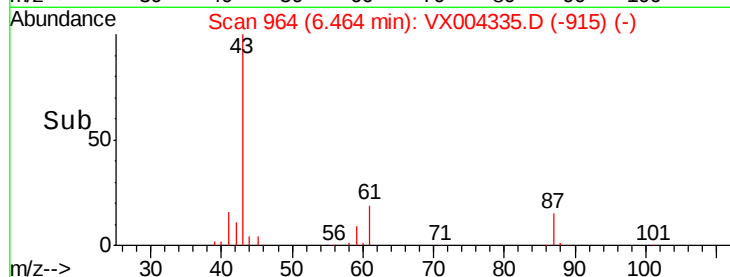
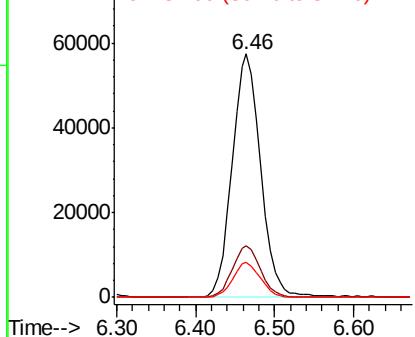
Isopropyl Acetate
 Concen: 19.83 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD01

Tot Ion: 43 Resp: 143077
 Ion Ratio Lower Upper
 43 100
 61 21.2 17.0 25.4
 87 14.1 11.4 17.2



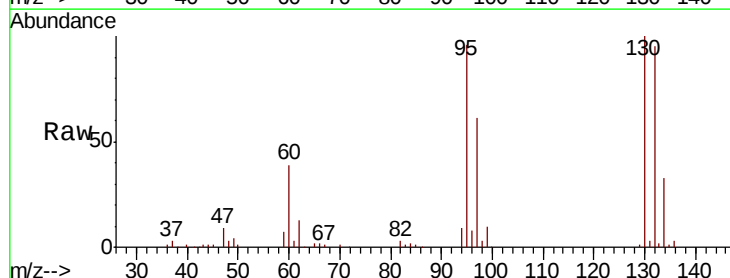
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



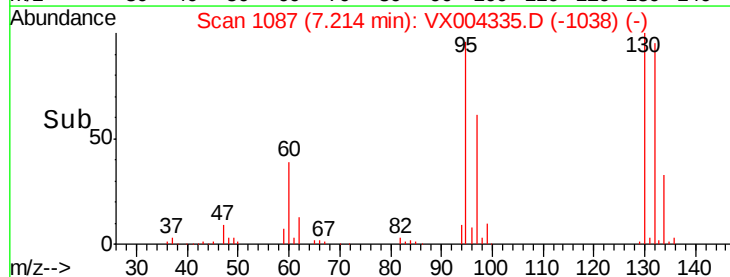
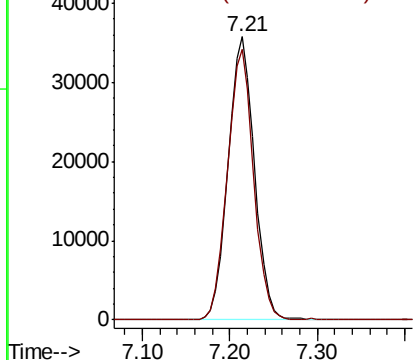
#44

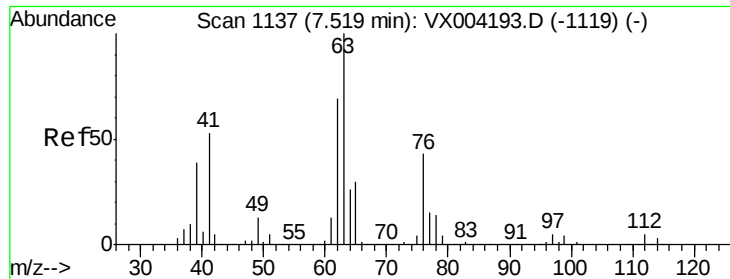
Trichloroethene
 Concen: 18.95 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

Tgt Ion:130 Resp: 74799
 Ion Ratio Lower Upper
 130 100
 95 95.8 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: 20.22 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

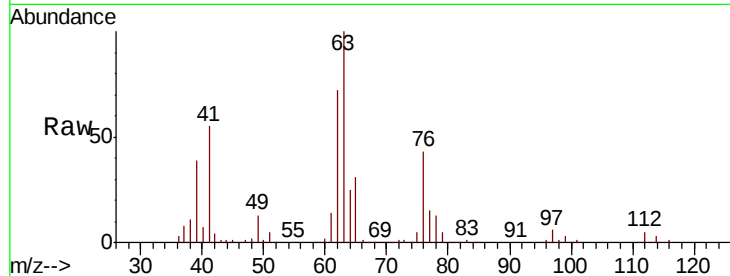
VX0831WBSD01

Tot Ion: 63 Resp: 72165

Ion Ratio Lower Upper

63 100

65 30.9 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

40000

30000

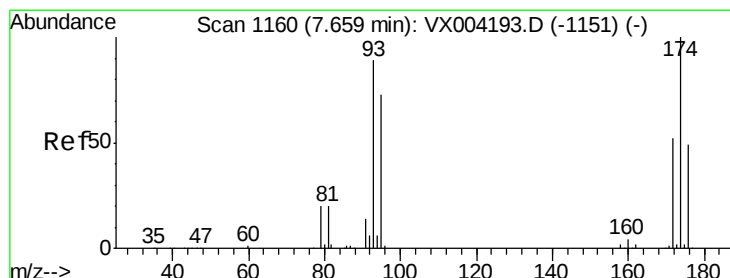
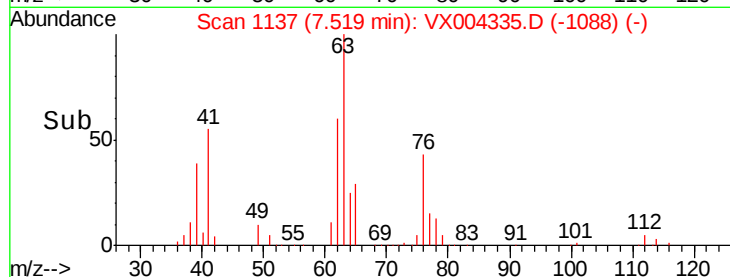
20000

10000

0

Time-->

7.40 7.45 7.50 7.55 7.60



#46

Dibromomethane

Concen: 19.60 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

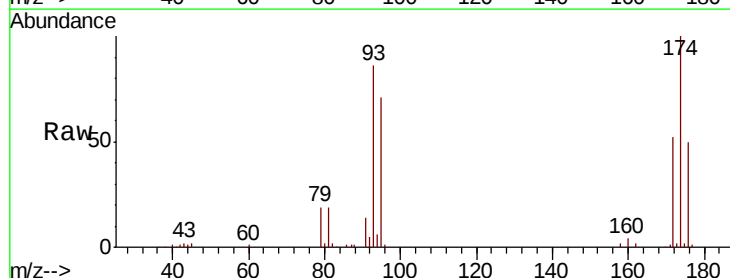
Tgt Ion: 93 Resp: 46582

Ion Ratio Lower Upper

93 100

95 84.2 65.5 98.3

174 118.1 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

40000

30000

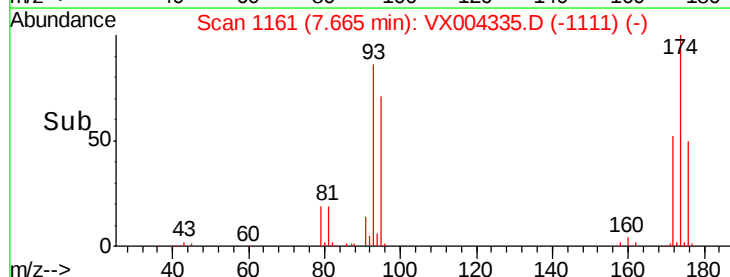
20000

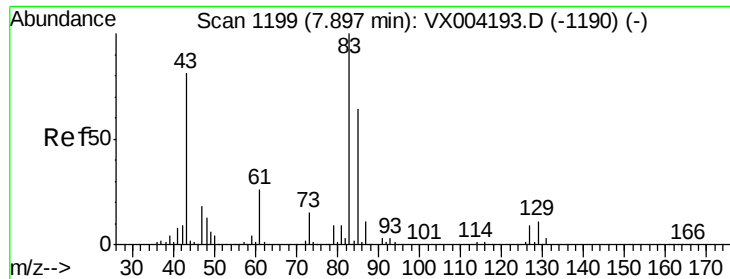
10000

0

Time-->

7.60 7.65 7.70 7.75 7.80





#47

Bromodichloromethane

Concen: 19.72 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD01

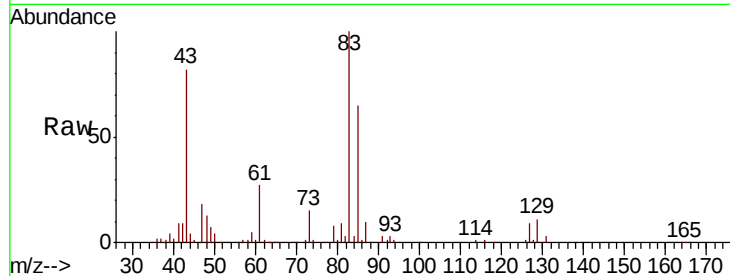
Tot Ion: 83 Resp: 87237

Ion Ratio Lower Upper

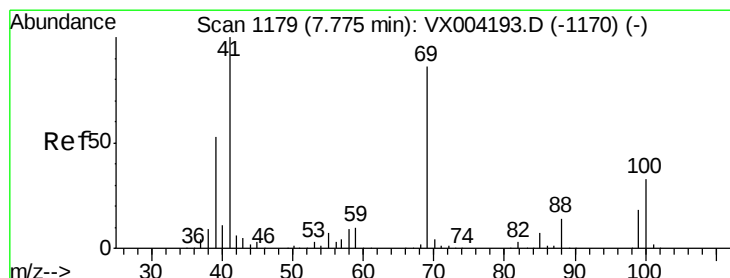
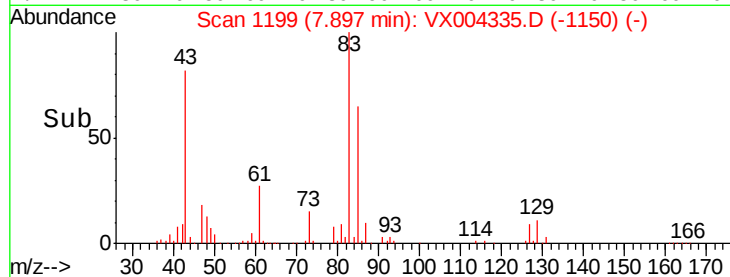
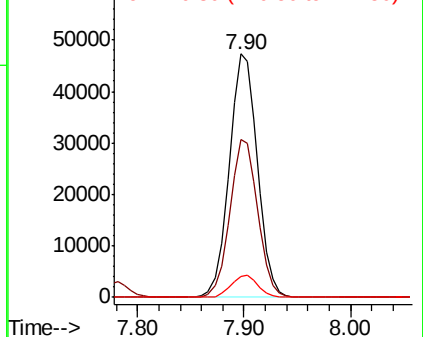
83 100

85 64.9 50.9 76.3

127 8.8 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: 19.91 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

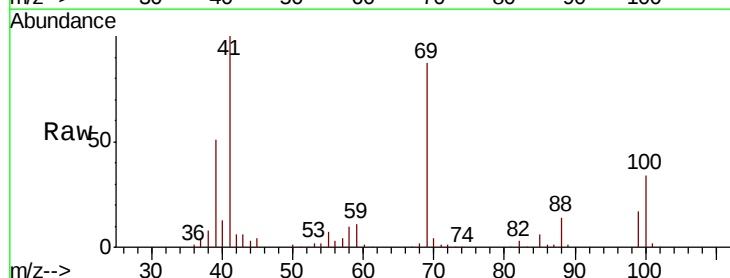
Tgt Ion: 41 Resp: 76845

Ion Ratio Lower Upper

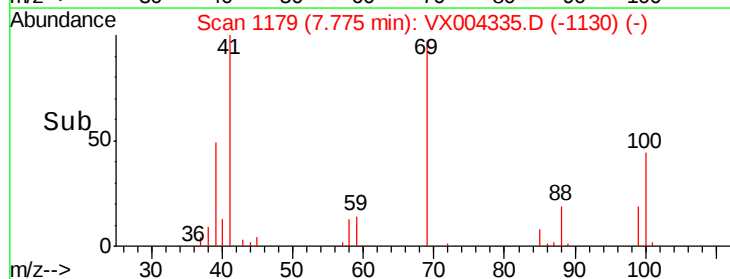
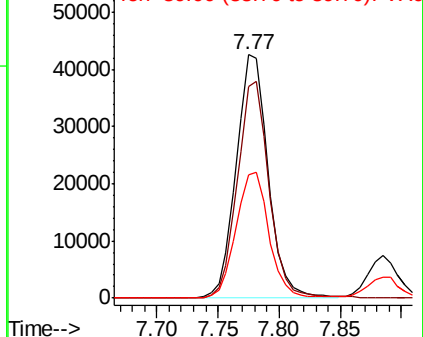
41 100

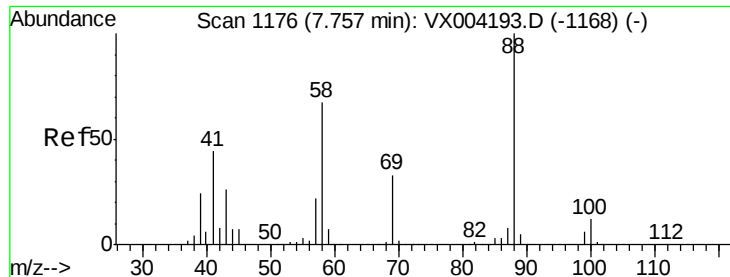
69 88.3 70.2 105.4

39 53.5 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

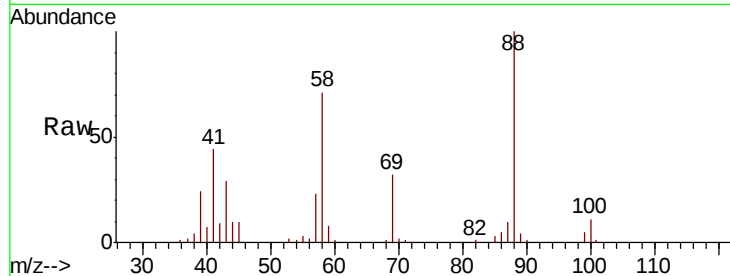




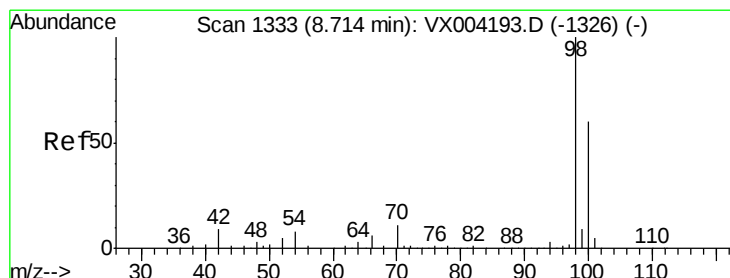
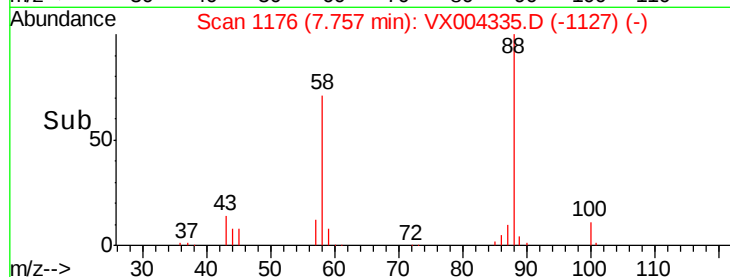
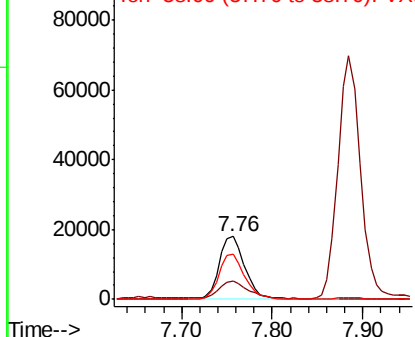
#49
1,4-Dioxane
Concen: 408.79 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD01

Tot Ion: 88 Resp: 35825
Ion Ratio Lower Upper
88 100
43 30.6 24.7 37.1
58 72.1 55.3 82.9

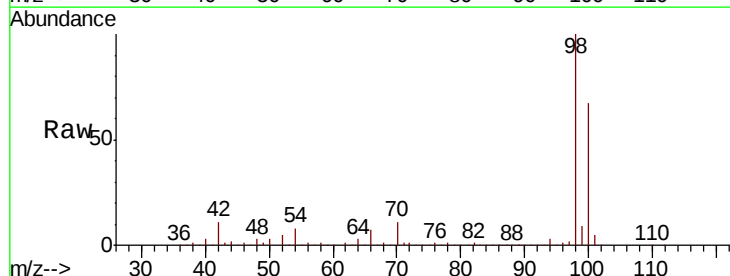


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

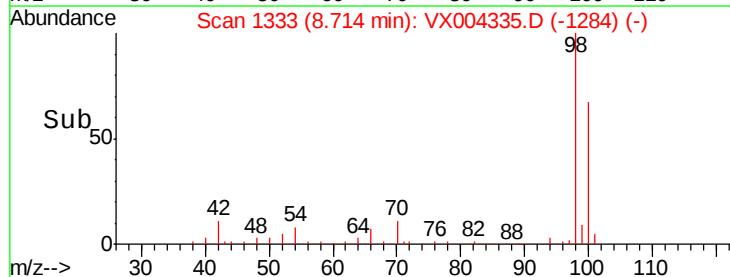
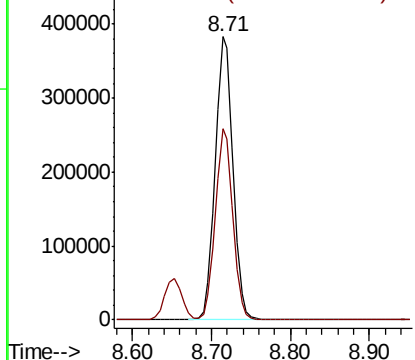


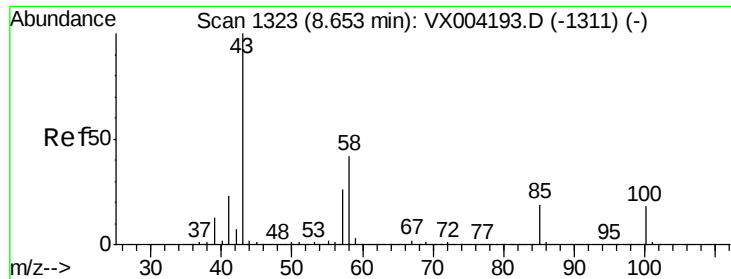
#50
Toluene-d8
Concen: 50.21 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

Tgt Ion: 98 Resp: 598634
Ion Ratio Lower Upper
98 100
100 66.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 97.36 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

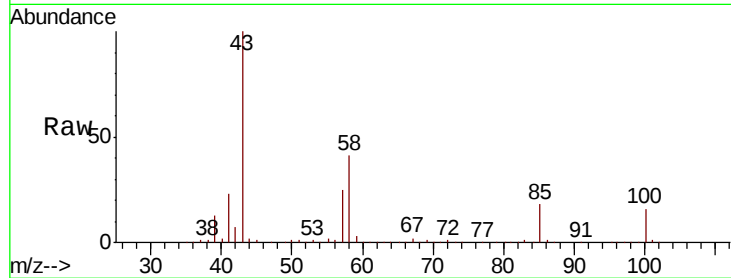
VX0831WBSD01

Tot Ion: 43 Resp: 510280

Ion Ratio Lower Upper

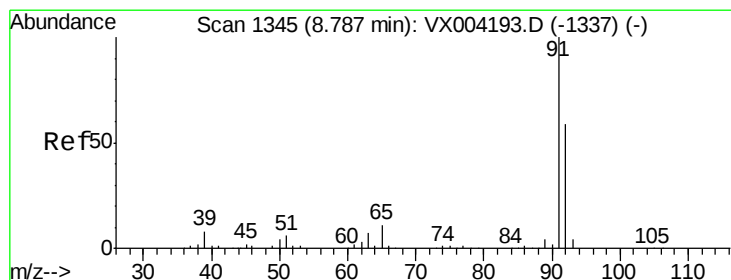
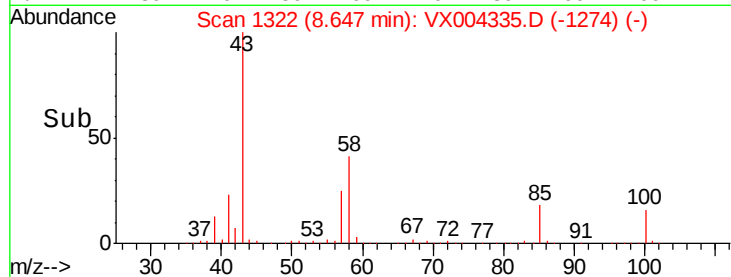
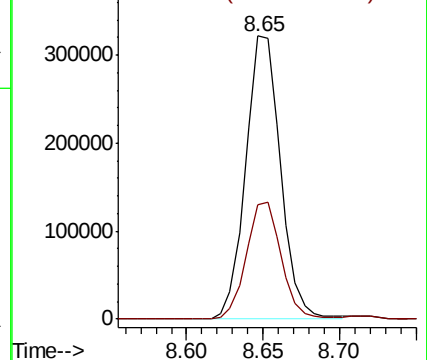
43 100

58 41.2 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.22 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004335.D

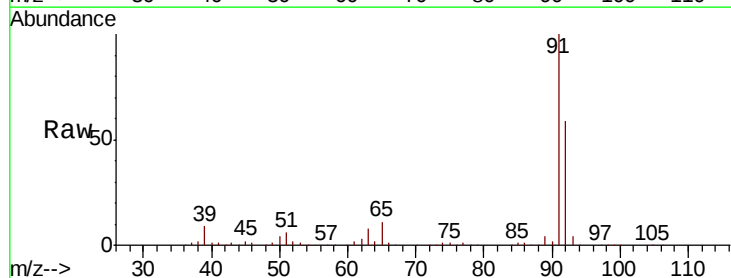
Acq: 31 Aug 2018 19:13

Tgt Ion: 92 Resp: 180552

Ion Ratio Lower Upper

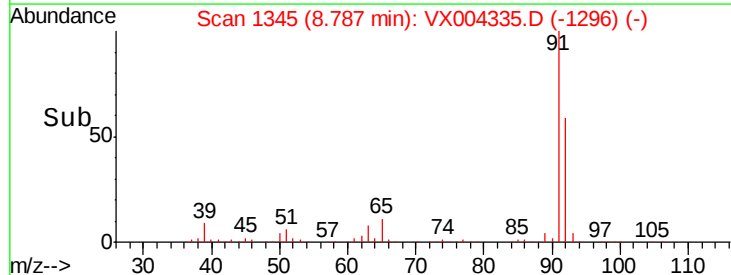
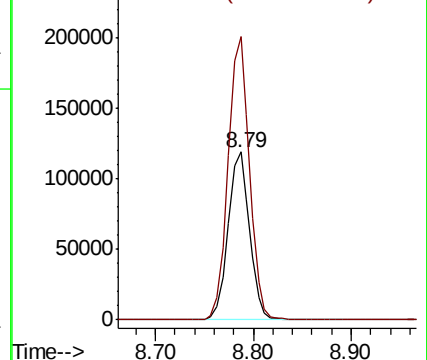
92 100

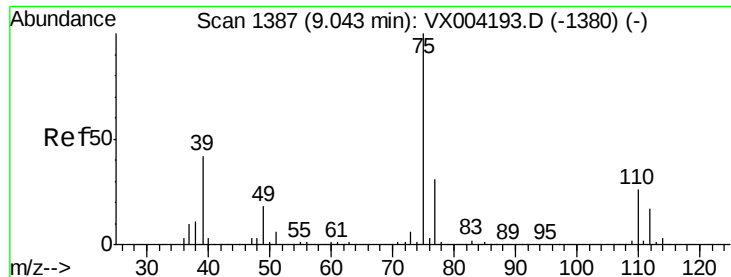
91 168.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.15 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

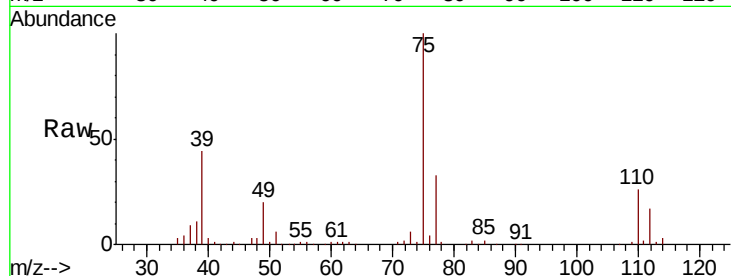
VX0831WBSD01

Tot Ion: 75 Resp: 93527

Ion Ratio Lower Upper

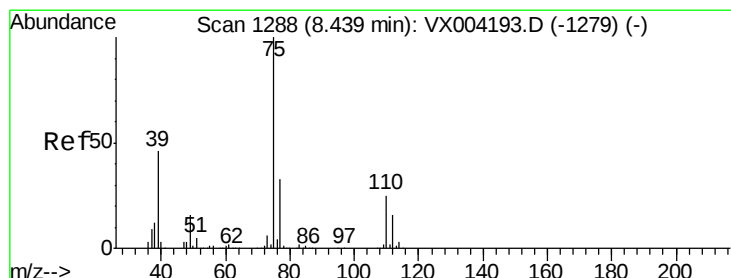
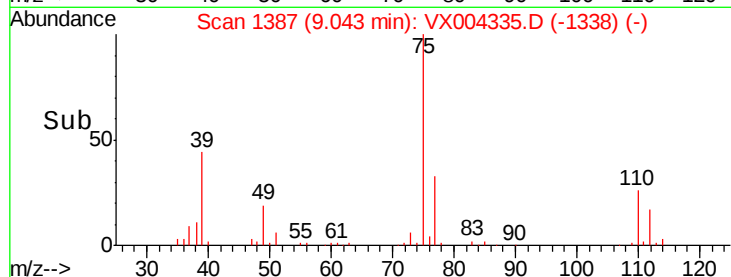
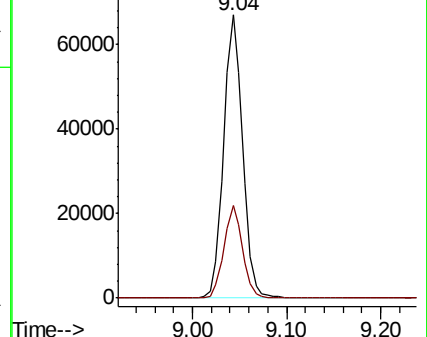
75 100

77 32.8 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: 19.85 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

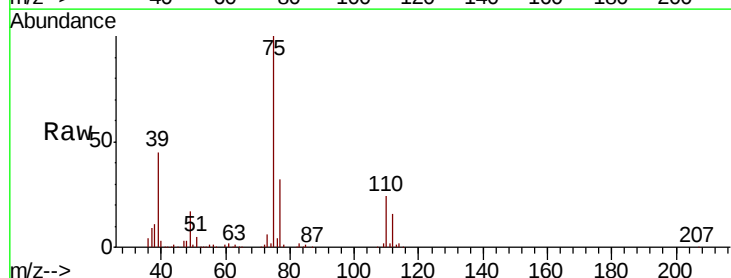
Tgt Ion: 75 Resp: 105612

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.2

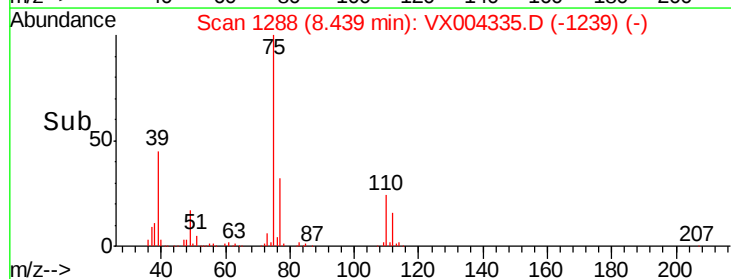
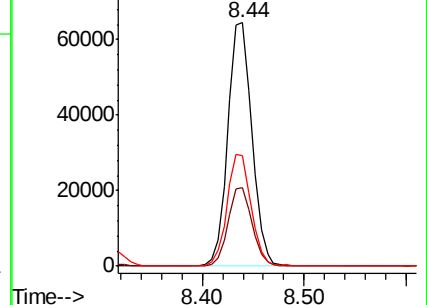
39 45.3 36.4 54.6

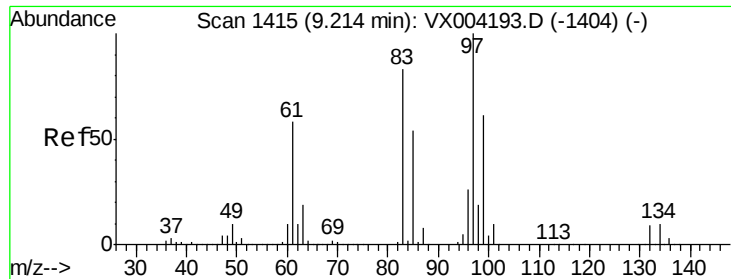


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

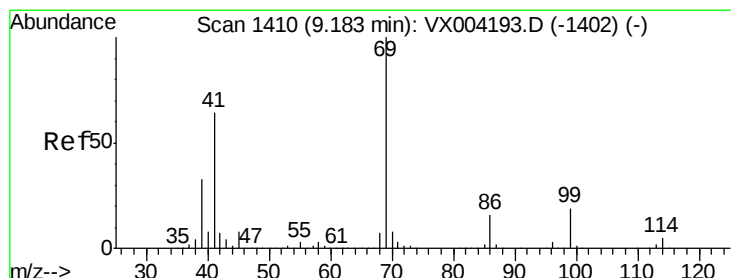
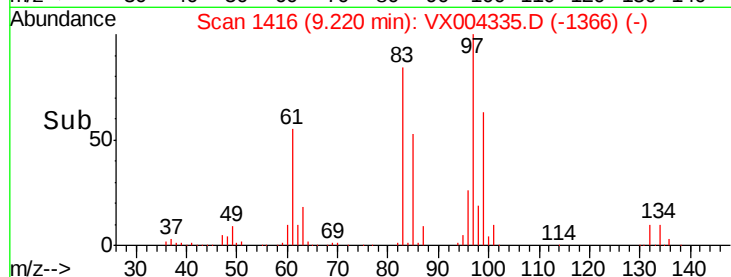
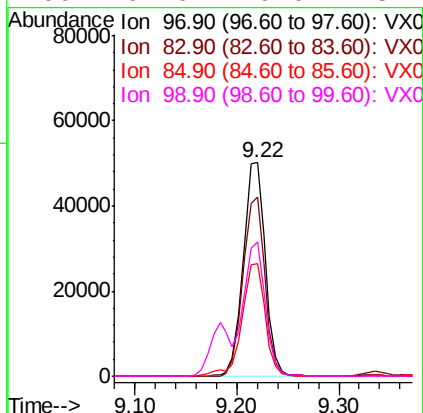
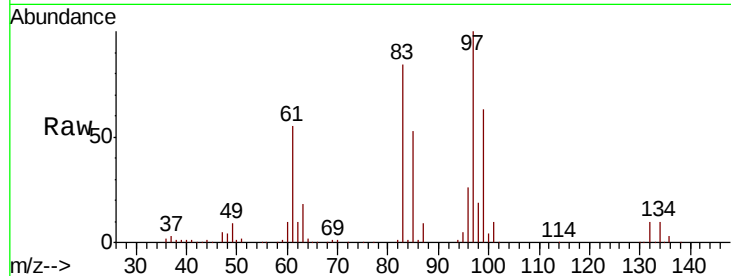




#55
 1,1,2-Trichloroethane
 Concen: 20.88 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

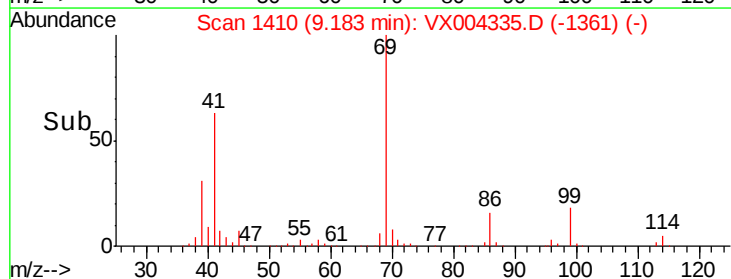
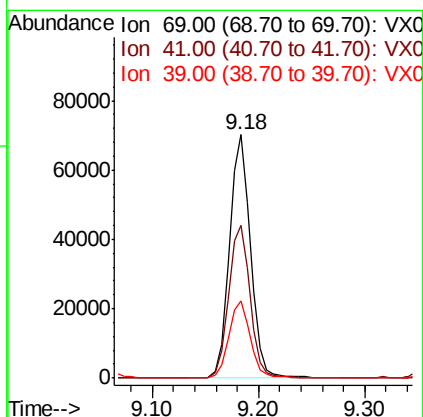
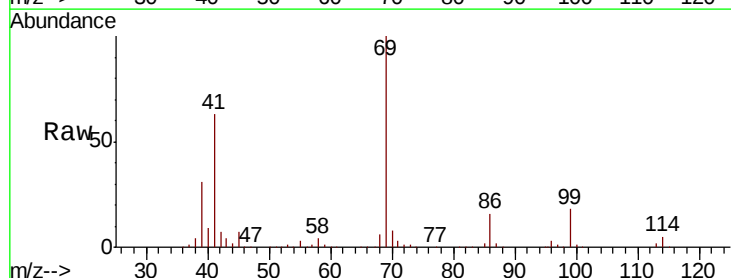
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD01

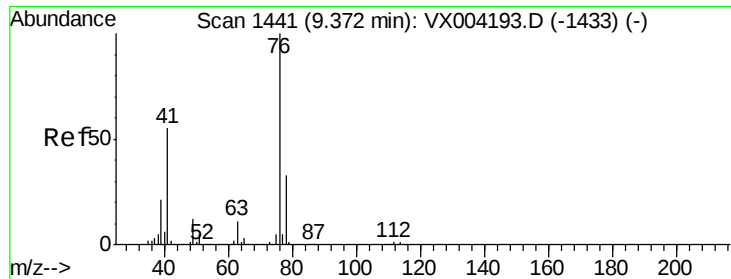
Tot Ion:	97	Resp:	75261
Ion	Ratio	Lower	Upper
97	100		
83	84.1	66.4	99.6
85	53.0	43.3	64.9
99	62.6	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 19.82 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

Tgt Ion:	69	Resp:	97259
Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.0	76.4
39	32.1	26.1	39.1





#57

1,3-Dichloropropane

Concen: 20.36 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

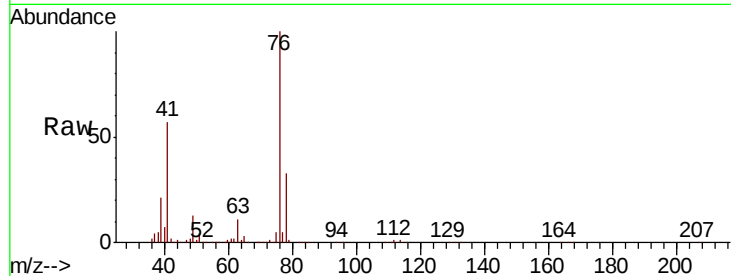
VX0831WBSD01

Tot Ion: 76 Resp: 123693

Ion Ratio Lower Upper

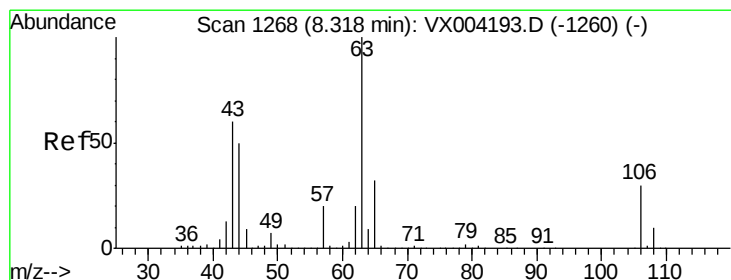
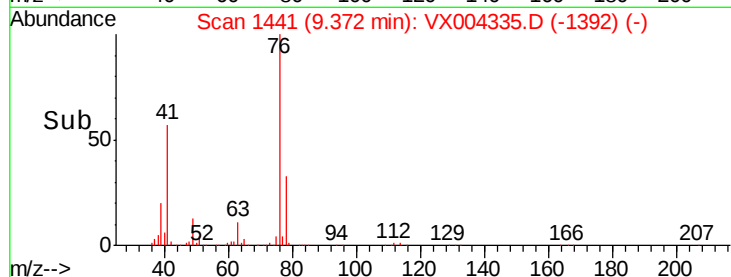
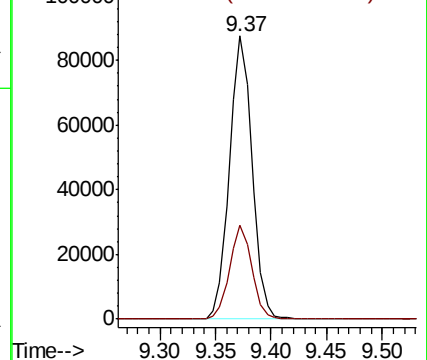
76 100

78 32.4 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: 115.89 ug/l

RT: 8.31 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VX004335.D

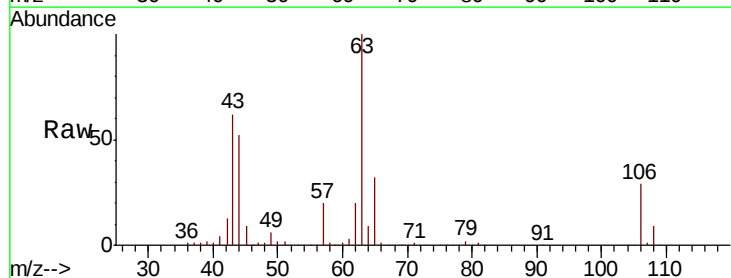
Acq: 31 Aug 2018 19:13

Tgt Ion: 63 Resp: 291347

Ion Ratio Lower Upper

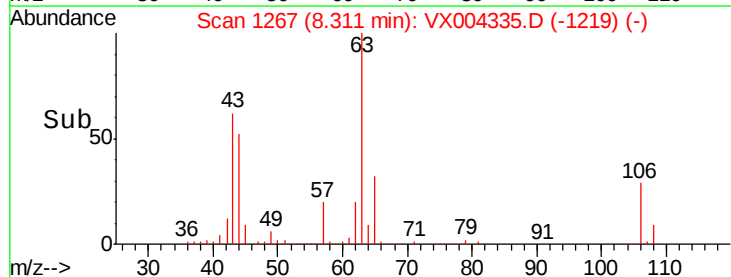
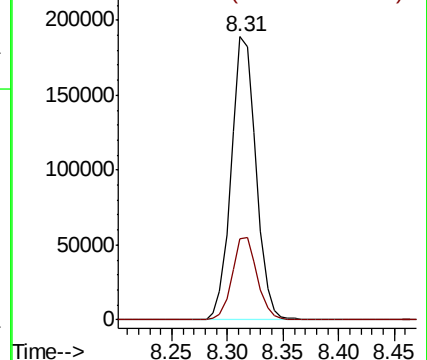
63 100

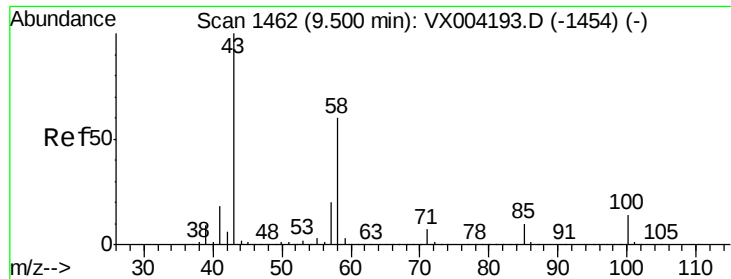
106 29.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

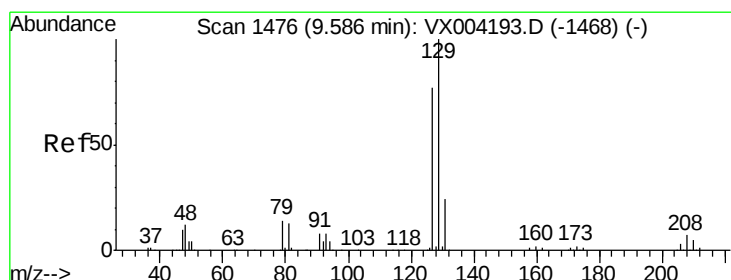
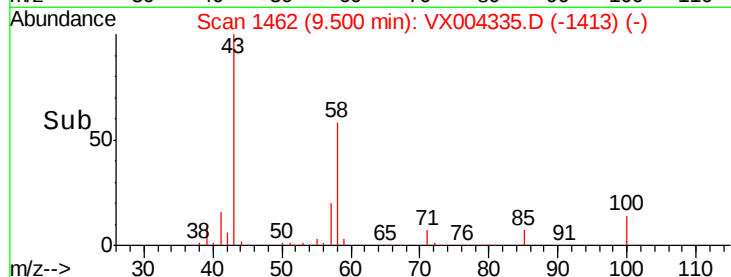
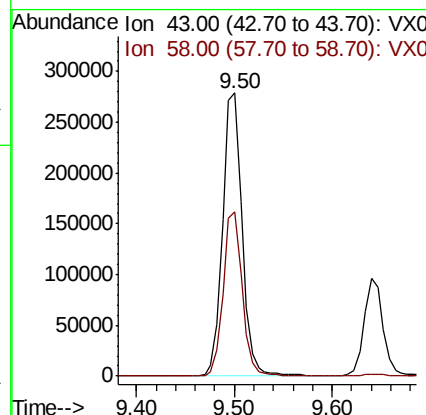
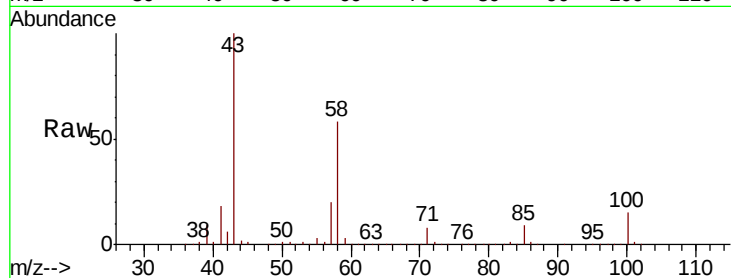




#59
 2-Hexanone
 Concen: 96.75 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

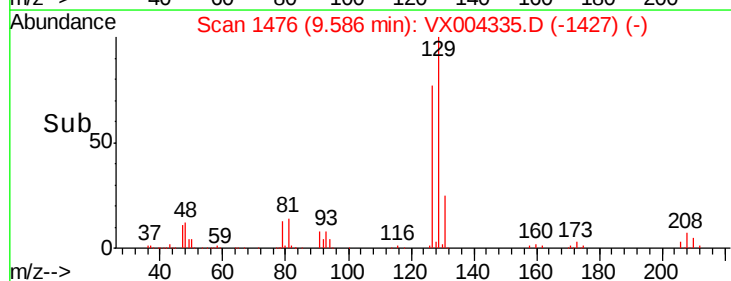
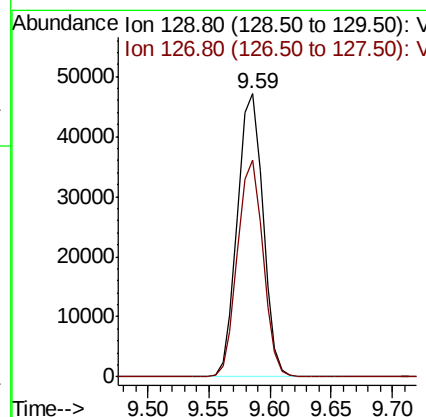
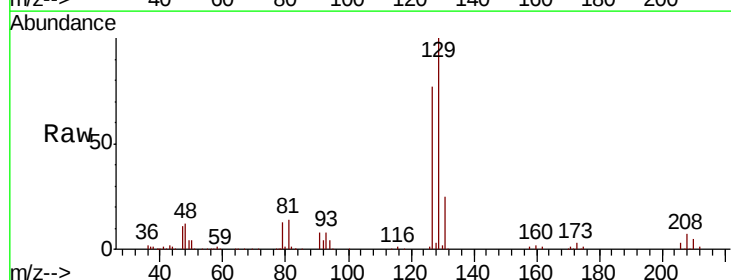
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD01

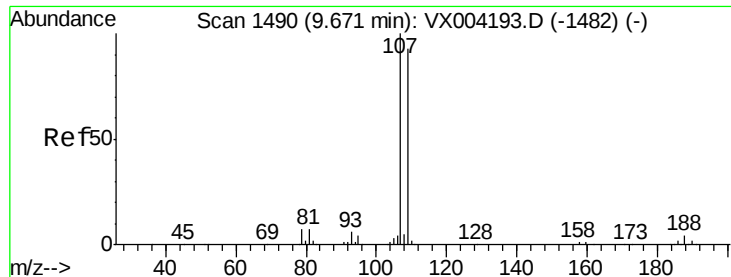
Tot Ion: 43 Resp: 386857
 Ion Ratio Lower Upper
 43 100
 58 56.7 29.0 87.0



#60
 Dibromochloromethane
 Concen: 19.49 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

Tgt Ion: 129 Resp: 68431
 Ion Ratio Lower Upper
 129 100
 127 76.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.04 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

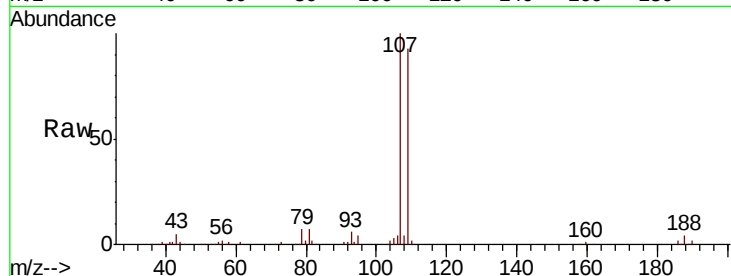
VX0831WBSD01

Tot Ion:107 Resp: 74742

Ion Ratio Lower Upper

107 100

109 94.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

60000

50000

40000

30000

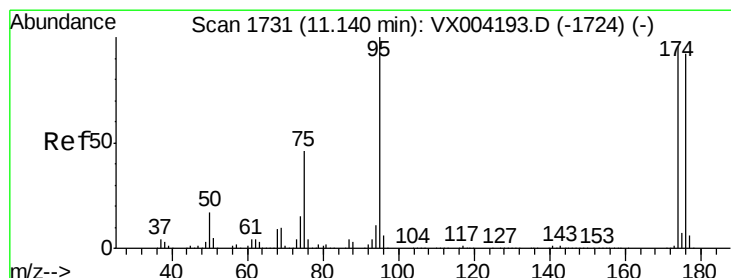
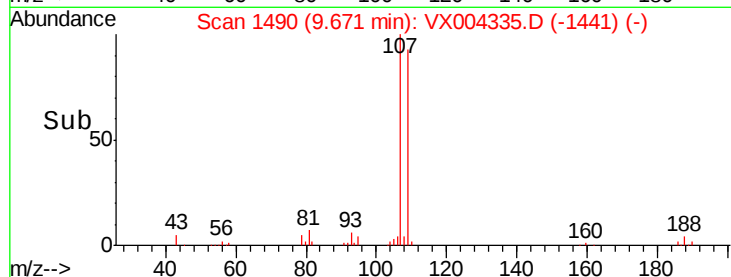
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.05 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

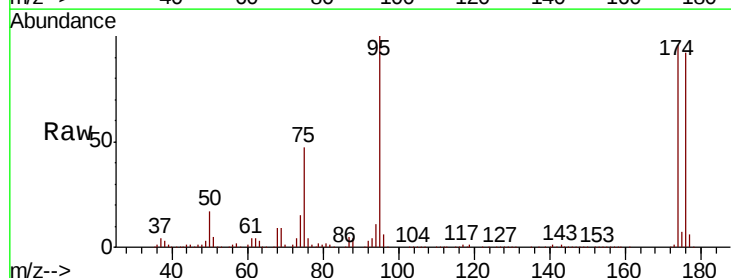
Tgt Ion: 95 Resp: 222641

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.2

176 88.2 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

200000

150000

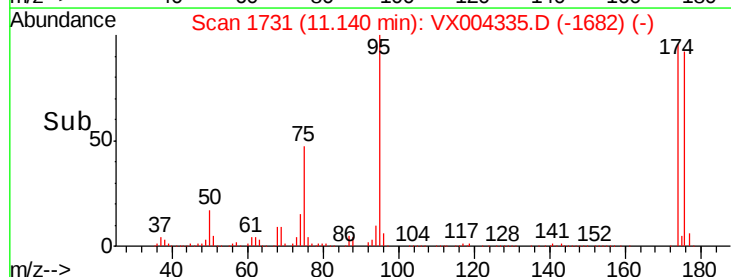
100000

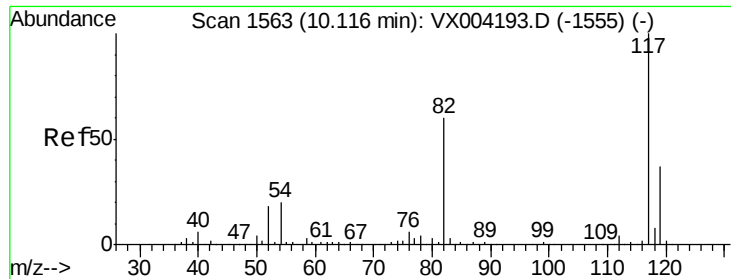
50000

0

Time-->

11.10 11.20

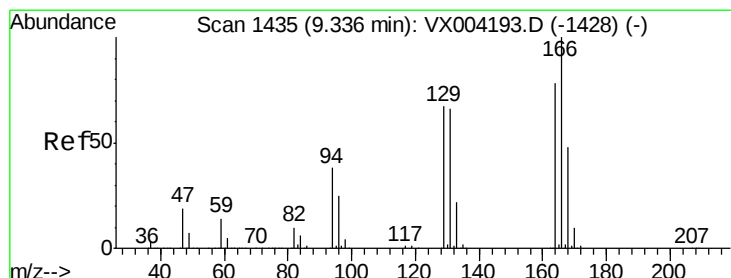
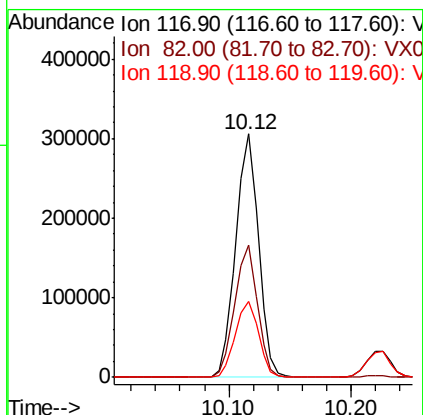
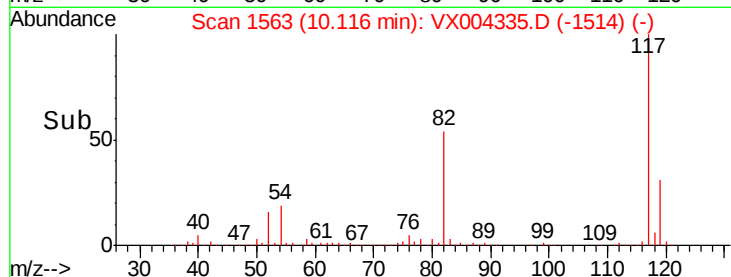
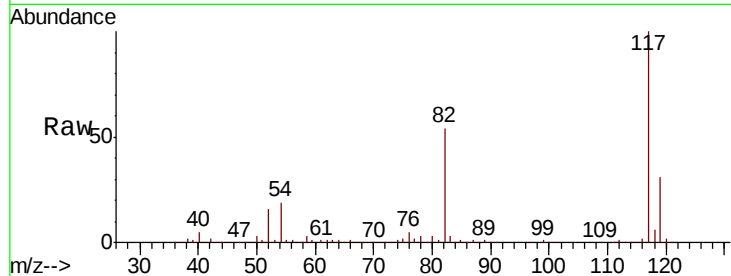




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

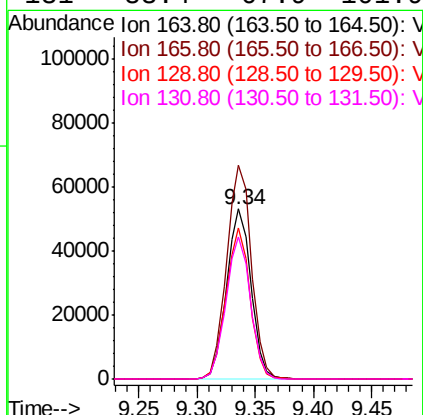
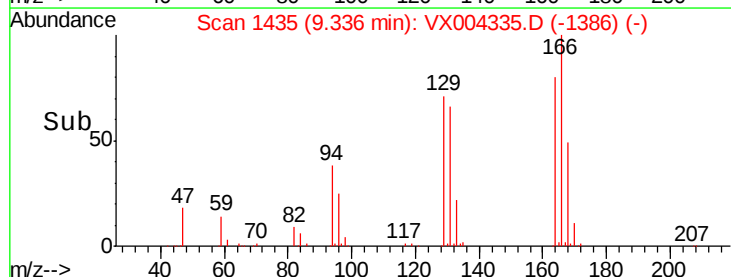
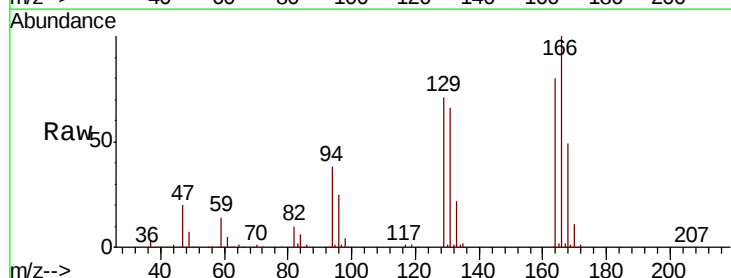
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD01

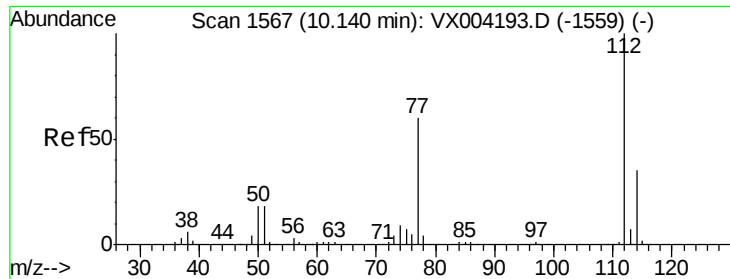
Tot Ion:117 Resp: 393931
Ion Ratio Lower Upper
117 100
82 54.1 47.8 71.6
119 31.1 29.3 43.9



#64
Tetrachloroethene
Concen: 19.83 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

Tgt Ion:164 Resp: 77173
Ion Ratio Lower Upper
164 100
166 125.5 102.8 154.2
129 89.0 69.4 104.0
131 83.4 67.9 101.9

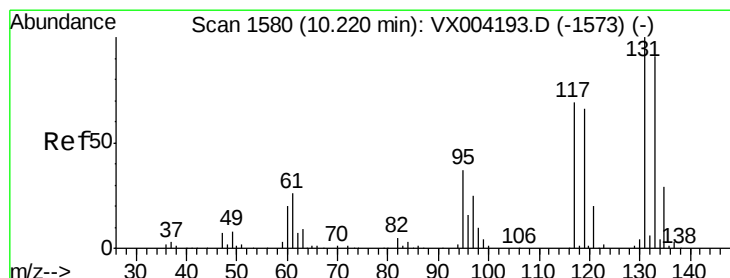
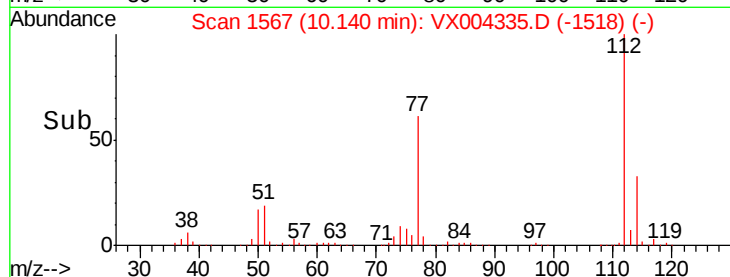
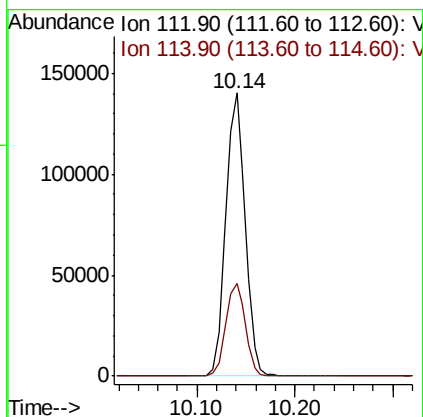
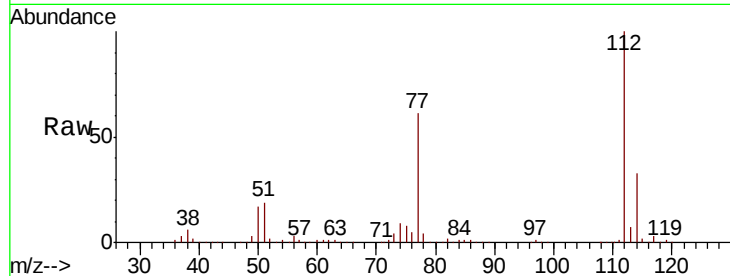




#65
Chlorobenzene
Concen: 19.49 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

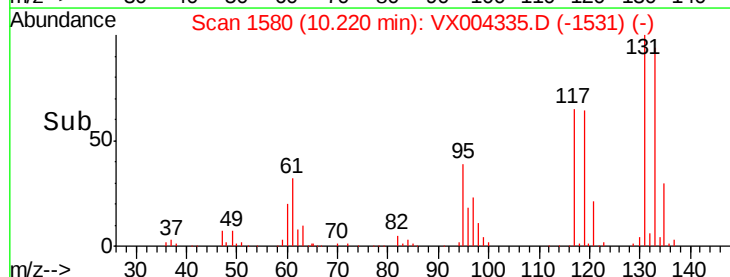
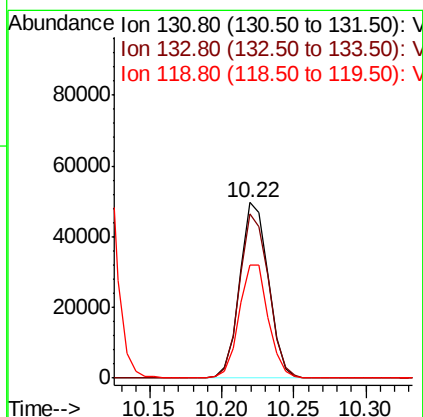
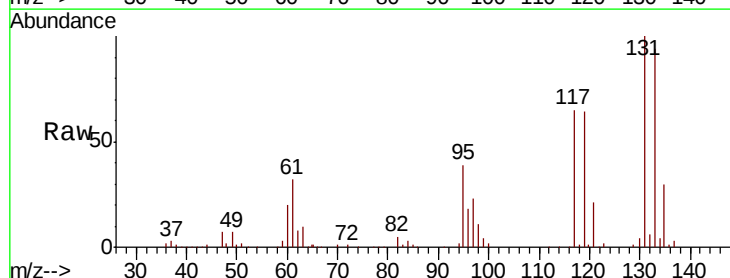
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD01

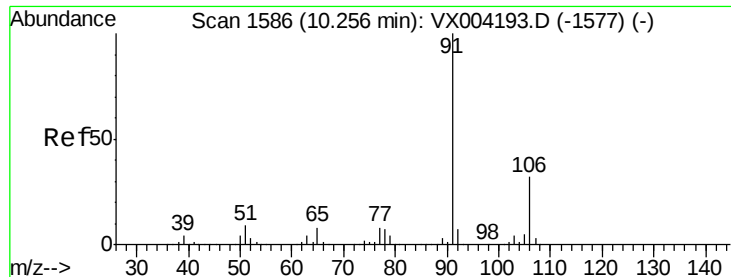
Tot Ion:112 Resp: 192666
Ion Ratio Lower Upper
112 100
114 32.6 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.10 ug/l
RT: 10.22 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

Tgt Ion:131 Resp: 68530
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.4
119 65.8 32.9 98.6

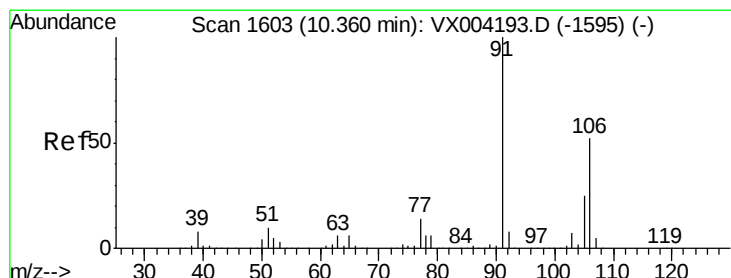
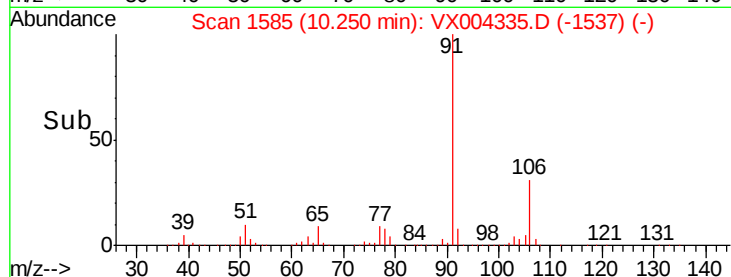
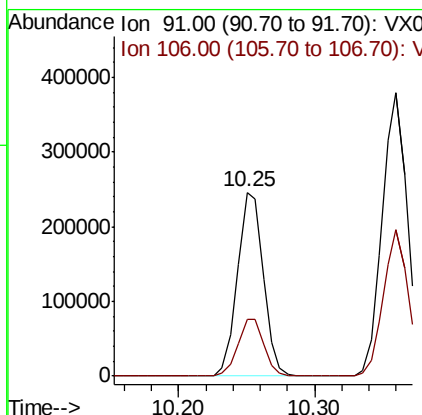
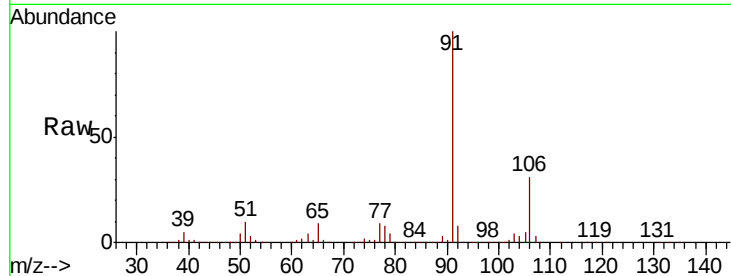




#67
Ethyl Benzene
Concen: 20.34 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

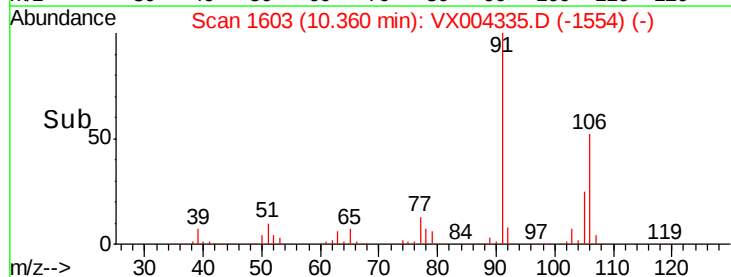
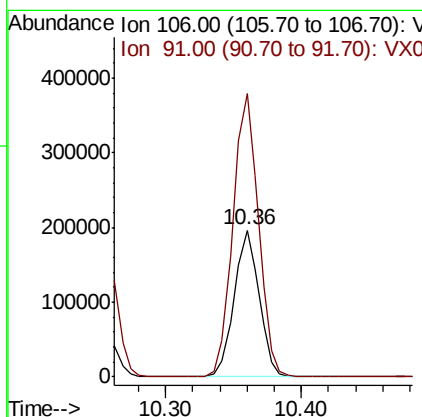
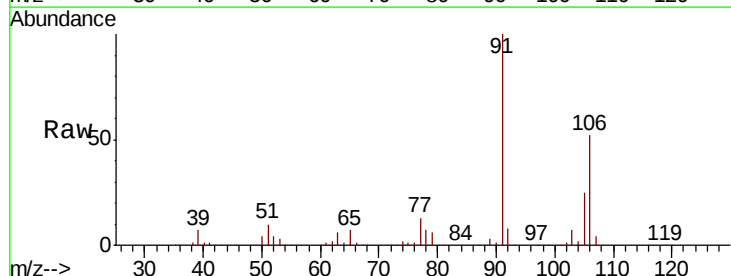
Instrument :
MSVOA_X
ClientSampled :
VX0831WBSD01

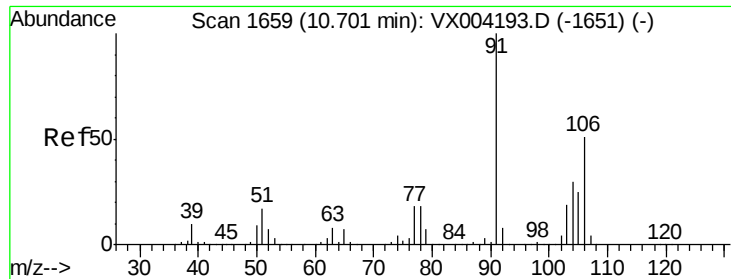
Tot Ion: 91 Resp: 326527
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9



#68
m/p-Xylenes
Concen: 39.78 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

Tgt Ion: 106 Resp: 249731
Ion Ratio Lower Upper
106 100
91 198.6 157.1 235.7

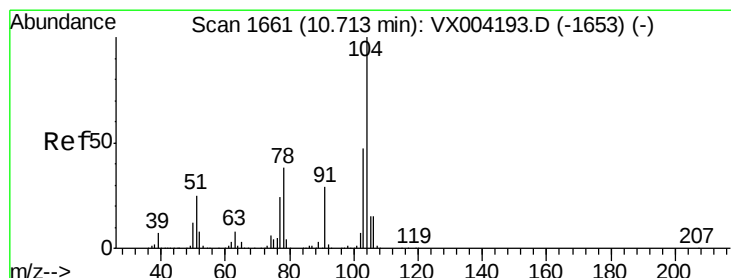
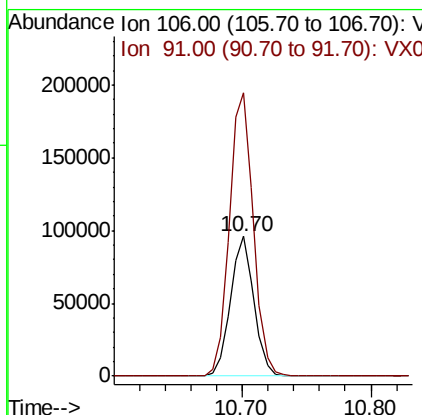
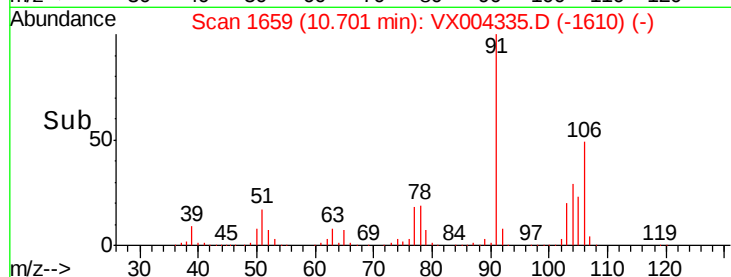
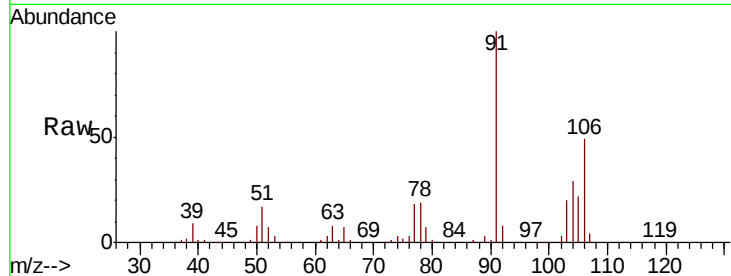




#69
o-Xylene
Concen: 20.63 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

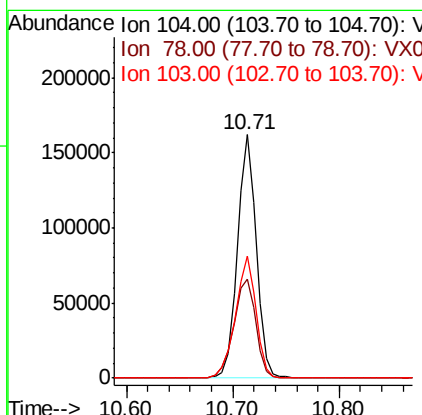
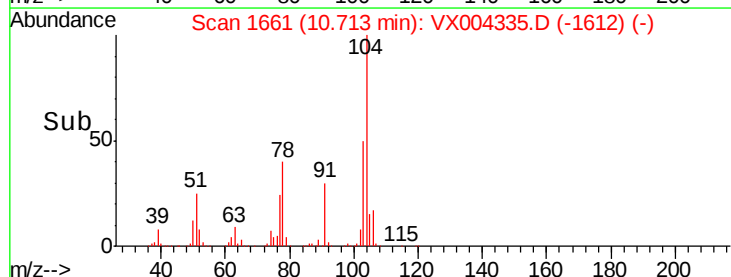
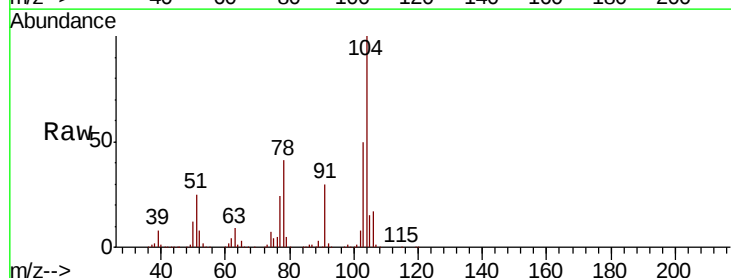
Instrument :
MSVOA_X
ClientSampled :
VX0831WBSD01

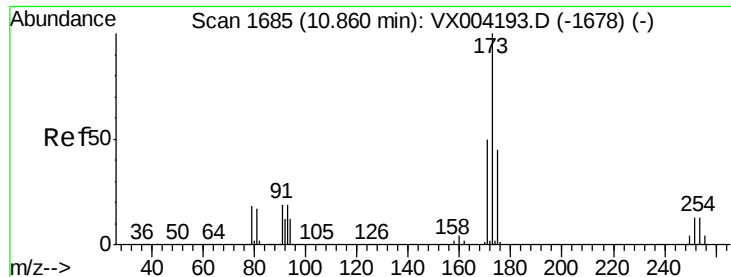
Tot Ion:106 Resp: 122512
Ion Ratio Lower Upper
106 100
91 207.9 105.1 315.1



#70
Styrene
Concen: 21.02 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

Tgt Ion:104 Resp: 202081
Ion Ratio Lower Upper
104 100
78 47.6 37.4 56.0
103 54.7 43.8 65.6





#71

Bromoform

Concen: 18.38 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD01

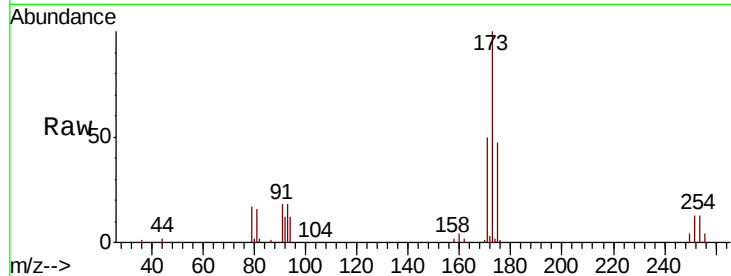
Tot Ion:173 Resp: 50518

Ion Ratio Lower Upper

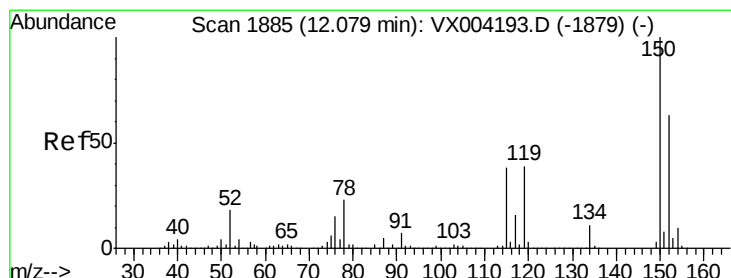
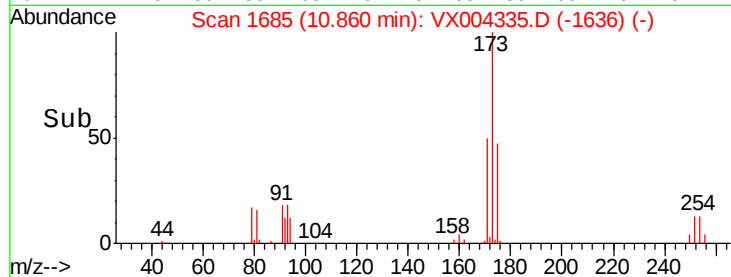
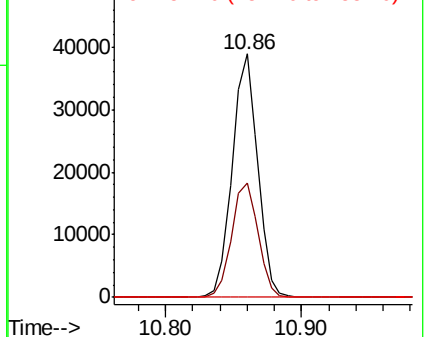
173 100

175 49.0 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: VX004335.D

Acq: 31 Aug 2018 19:13

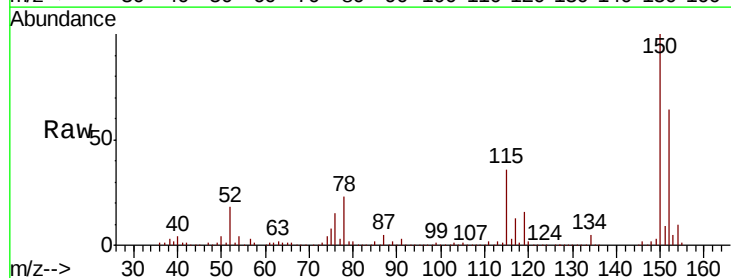
Tgt Ion:152 Resp: 246940

Ion Ratio Lower Upper

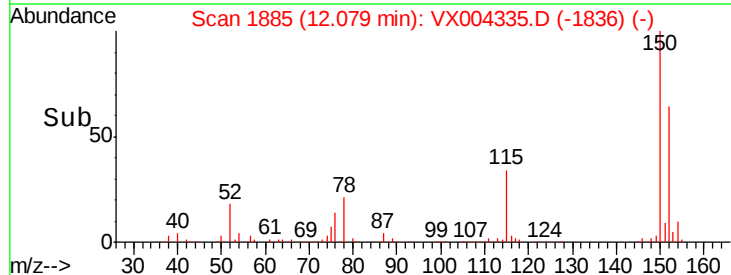
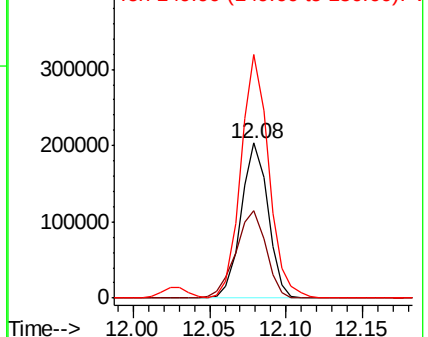
152 100

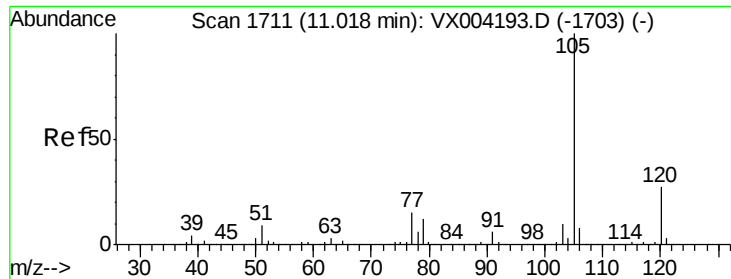
115 63.8 39.0 117.0

150 162.5 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: 20.69 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

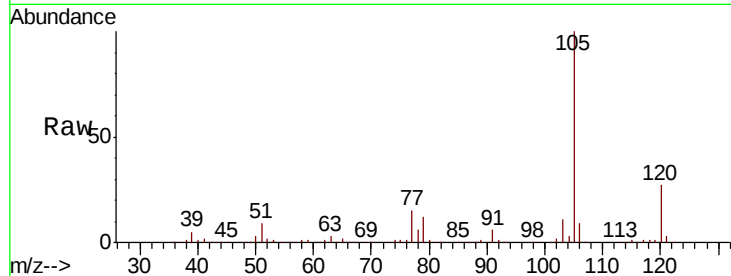
VX0831WBSD01

Tot Ion:105 Resp: 335626

Ion Ratio Lower Upper

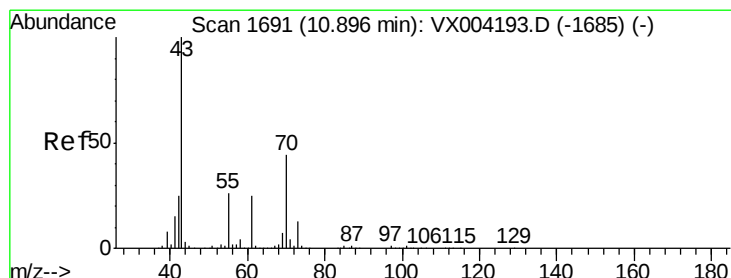
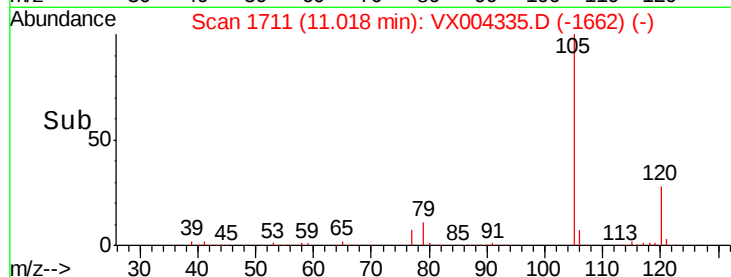
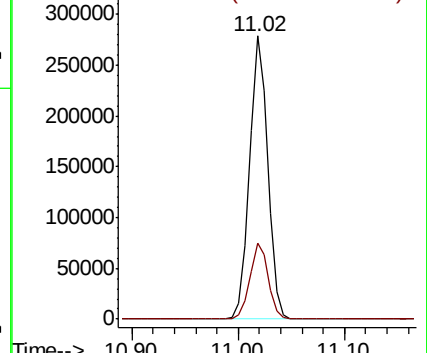
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.58 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Tgt Ion: 43 Resp: 122285

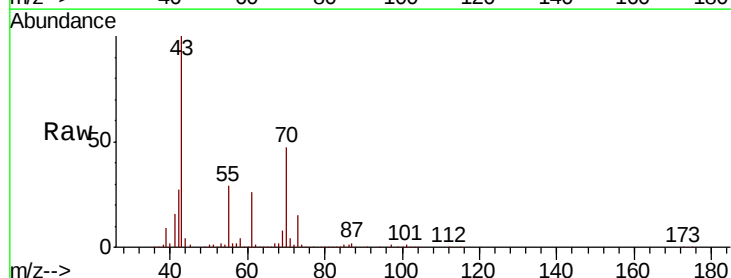
Ion Ratio Lower Upper

43 100

70 46.4 37.4 56.0

55 29.6 21.8 32.8

61 25.5 20.6 30.8

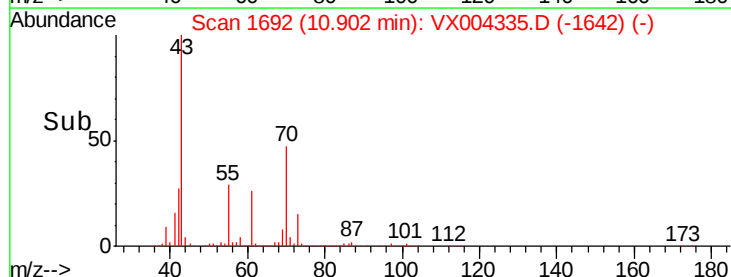
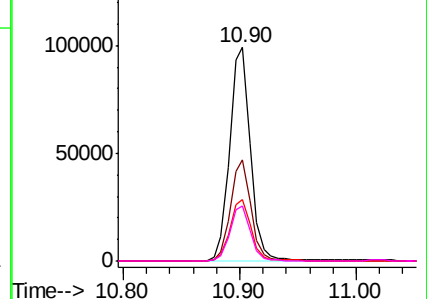


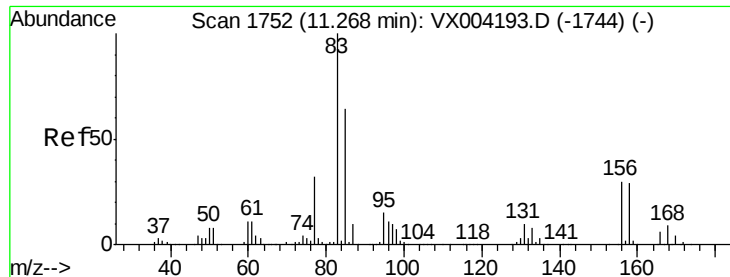
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.74 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD01

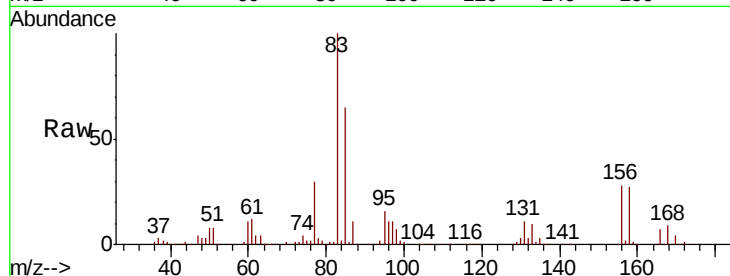
Tot Ion: 83 Resp: 112060

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

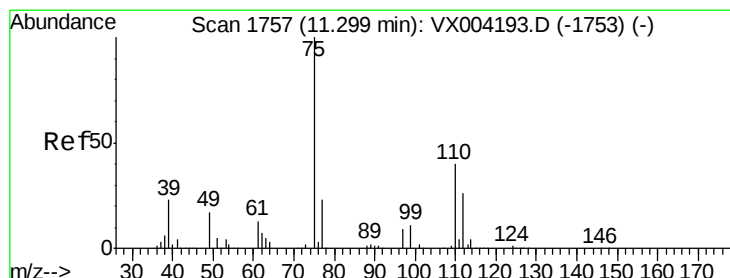
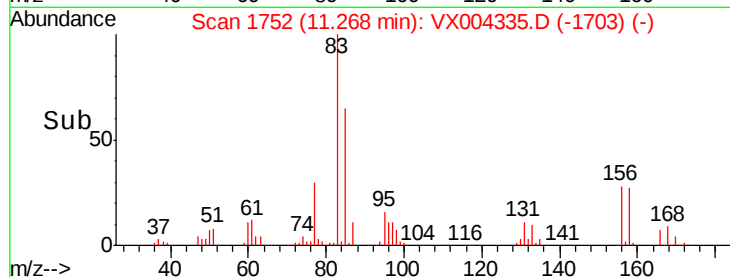
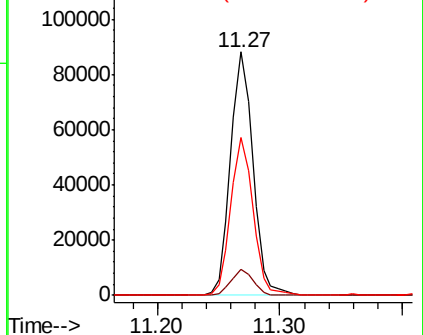
85 64.6 32.3 96.8



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: 24.81 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004335.D

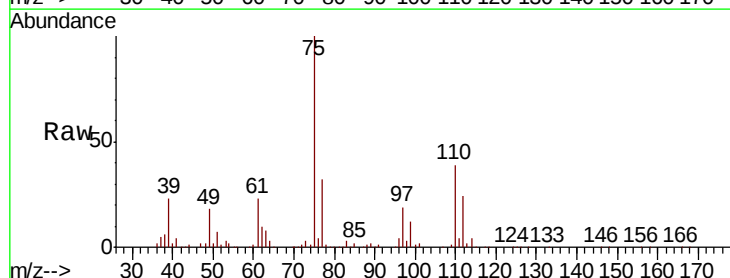
Acq: 31 Aug 2018 19:13

Tgt Ion: 75 Resp: 124583

Ion Ratio Lower Upper

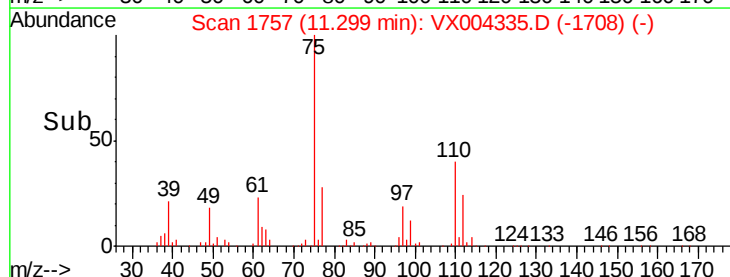
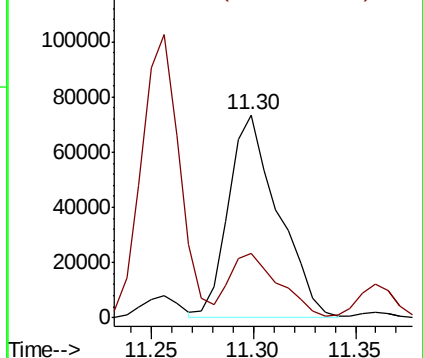
75 100

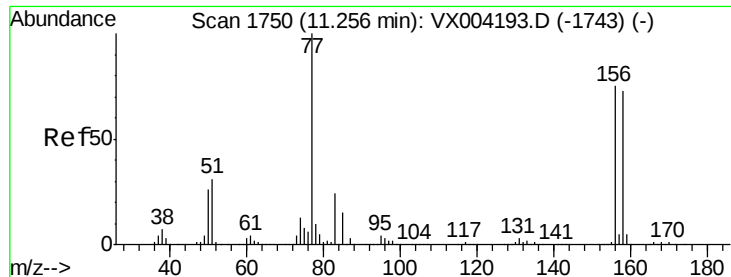
77 31.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.81 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampled :

VX0831WBSD01

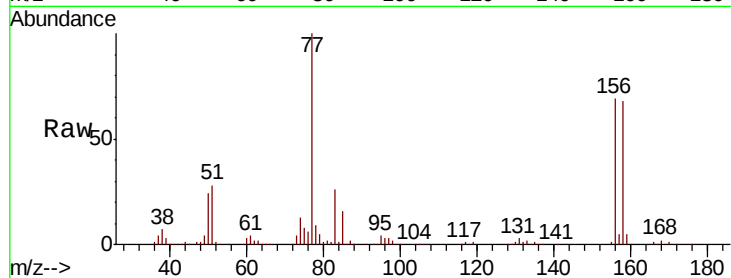
Tot Ion:156 Resp: 90132

Ion Ratio Lower Upper

156 100

77 147.3 71.5 214.3

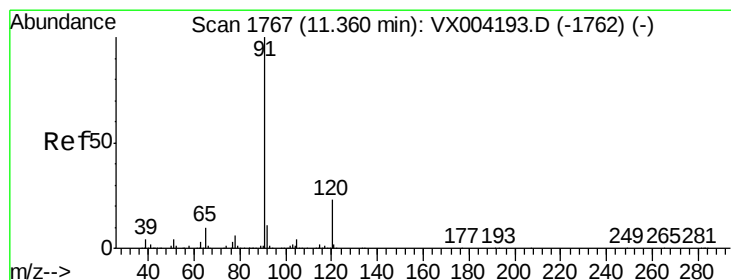
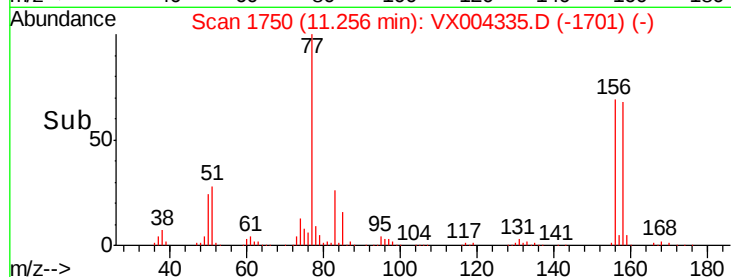
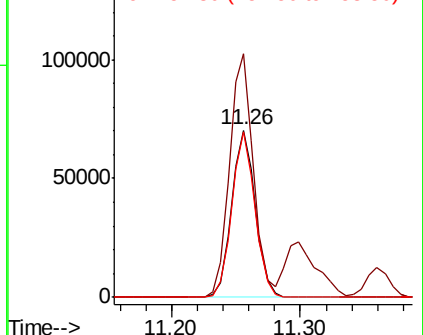
158 97.0 48.9 146.8



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: 20.71 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004335.D

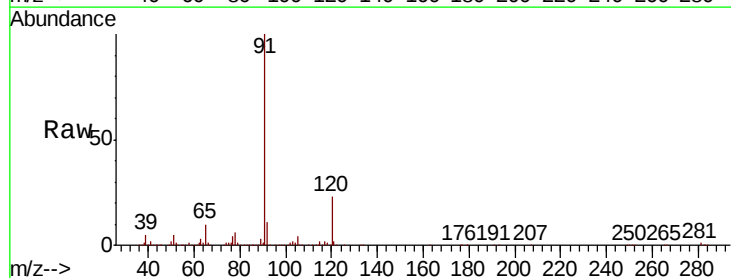
Acq: 31 Aug 2018 19:13

Tgt Ion: 91 Resp: 386349

Ion Ratio Lower Upper

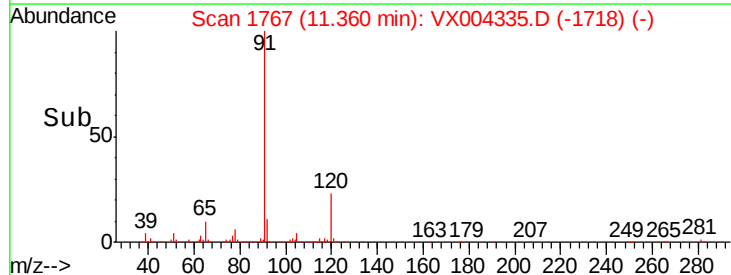
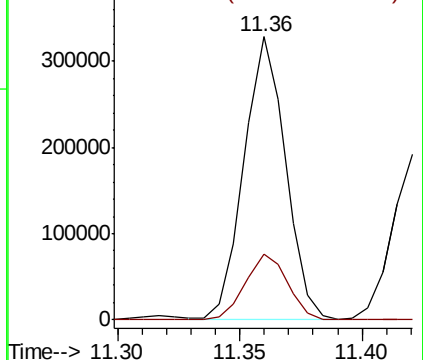
91 100

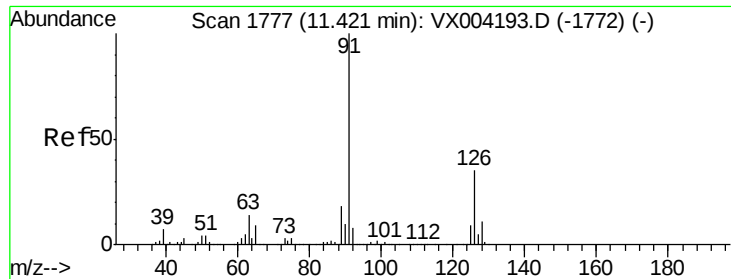
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

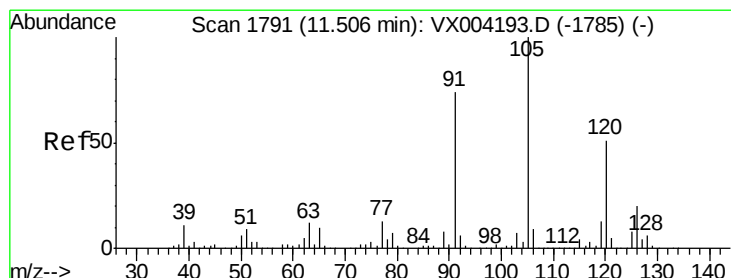
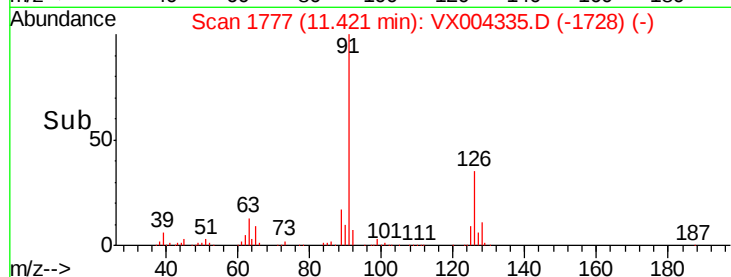
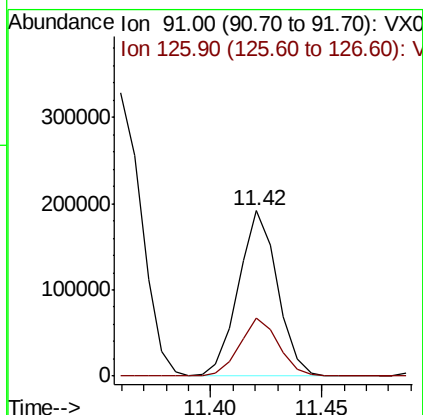
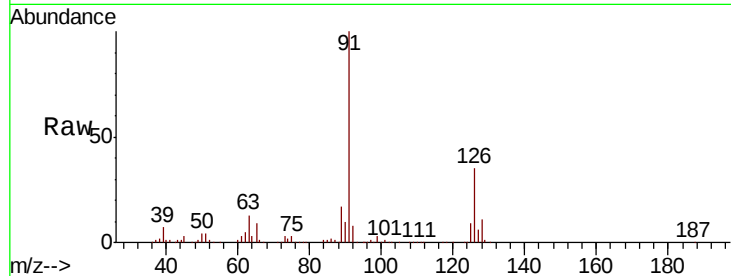




#79
 2-Chlorotoluene
 Concen: 20.31 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

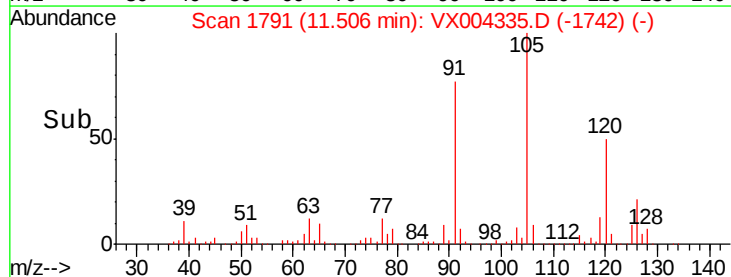
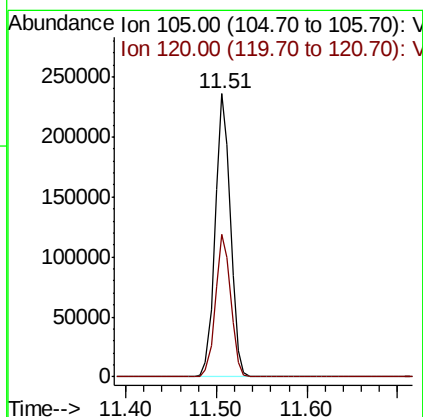
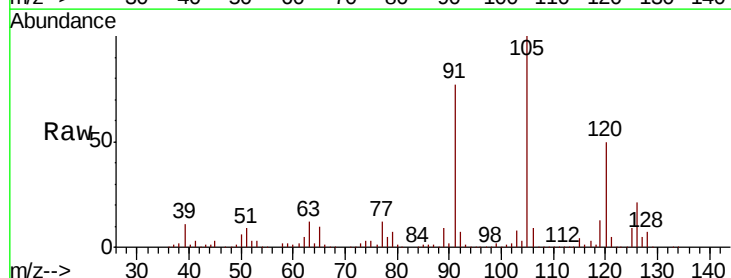
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD01

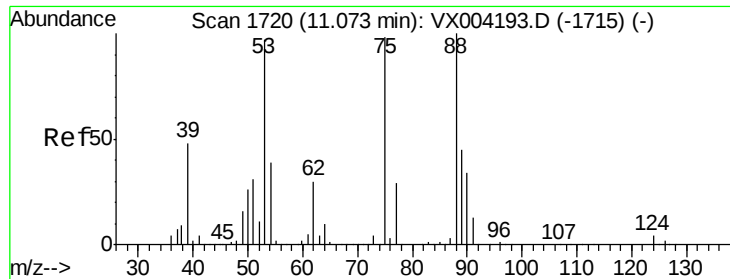
Tot Ion: 91 Resp: 233178
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.93 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

Tgt Ion: 105 Resp: 281125
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.94 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampled :

VX0831WBSD01

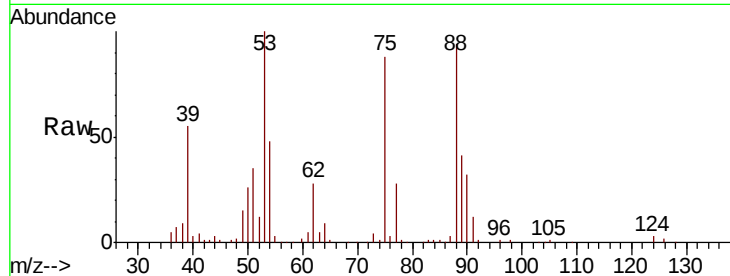
Tot Ion: 75 Resp: 27762

Ion Ratio Lower Upper

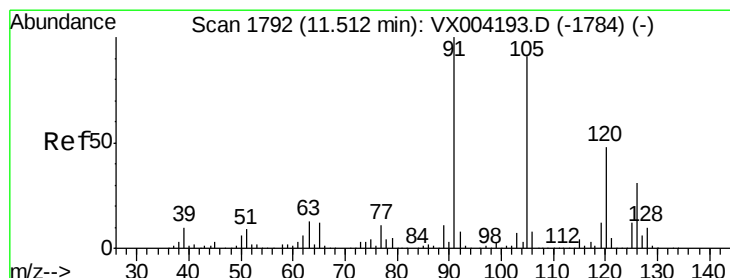
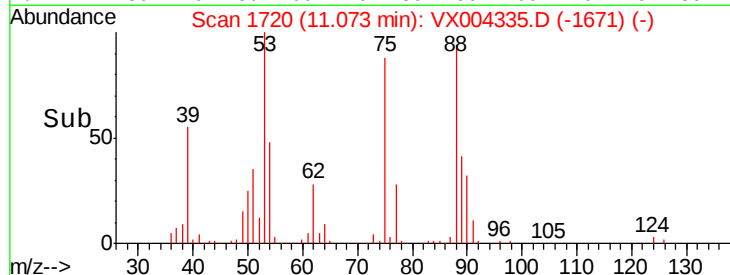
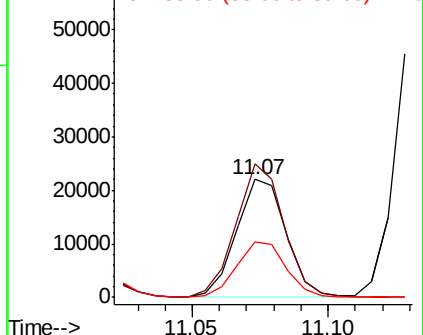
75 100

53 109.0 80.1 120.1

89 46.9 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: 20.04 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004335.D

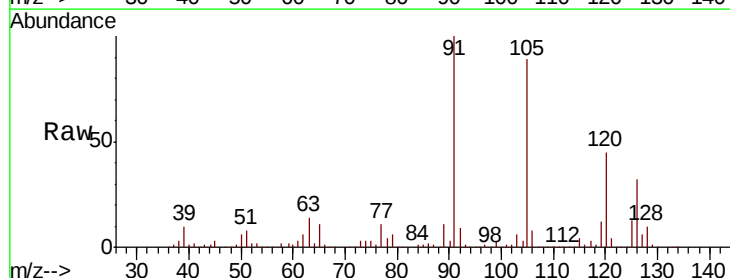
Acq: 31 Aug 2018 19:13

Tgt Ion: 91 Resp: 270797

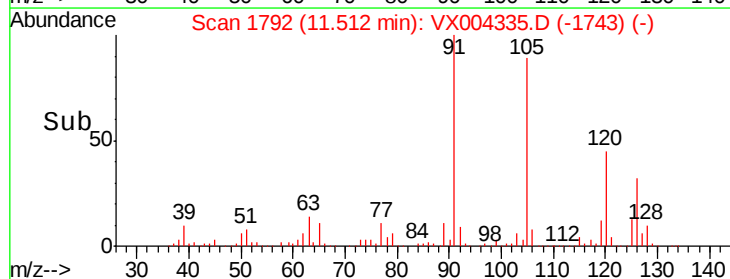
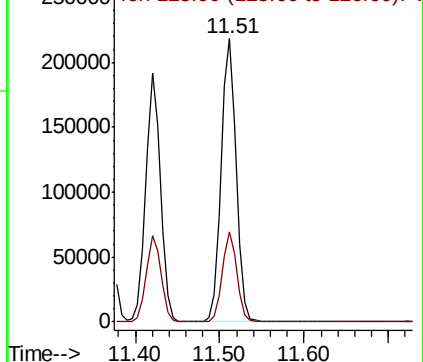
Ion Ratio Lower Upper

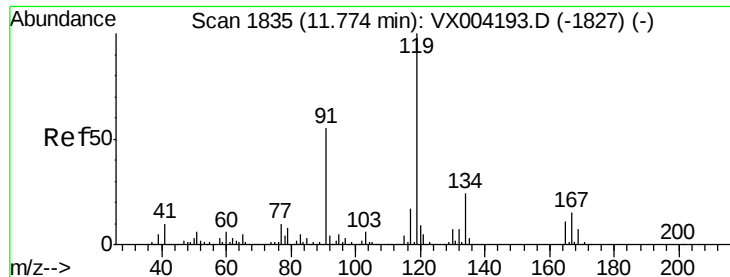
91 100

126 30.9 15.5 46.5



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

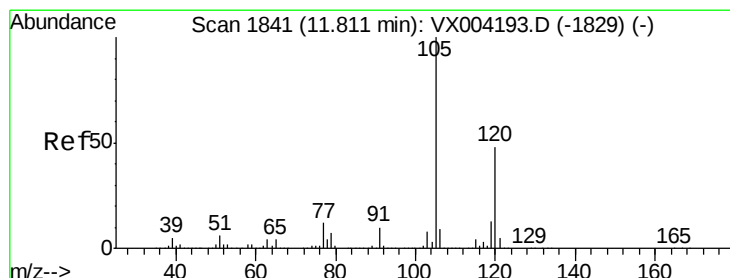
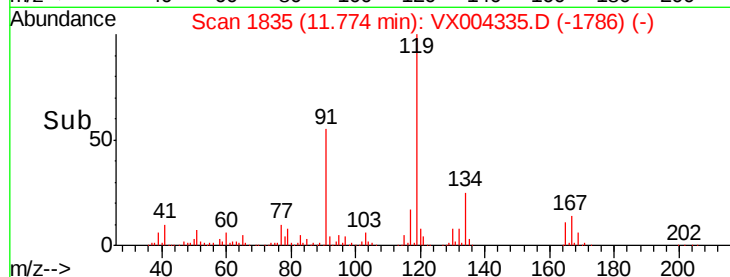
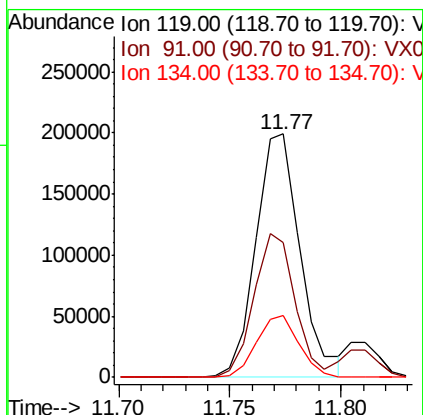
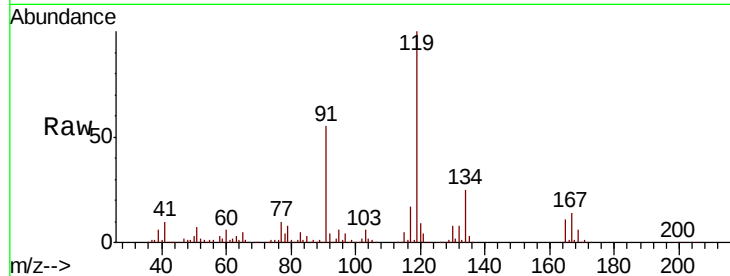




#83
 tert-Butylbenzene
 Concen: 20.37 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

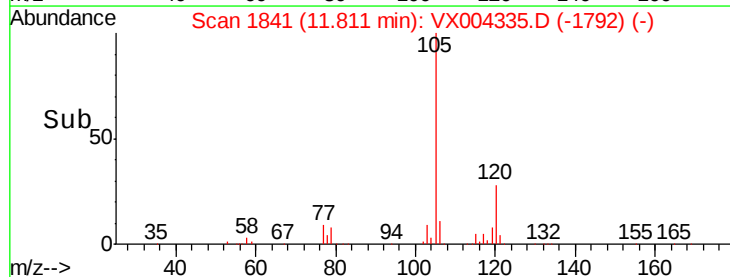
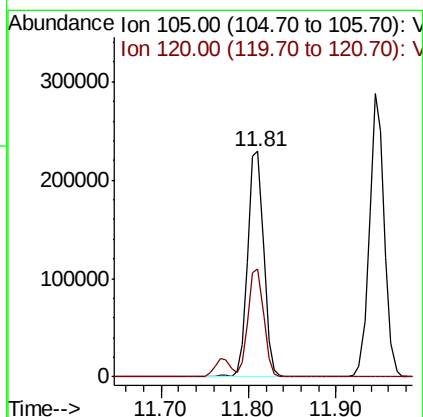
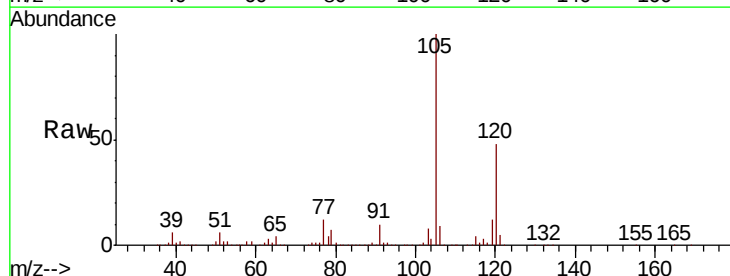
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0831WBSD01

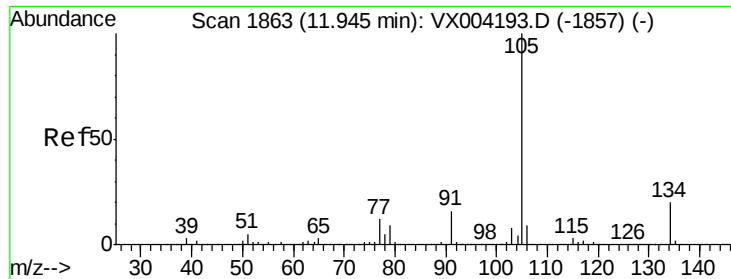
Tot Ion:119 Resp: 275323
 Ion Ratio Lower Upper
 119 100
 91 55.0 27.0 81.0
 134 24.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.02 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

Tgt Ion:105 Resp: 289753
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6

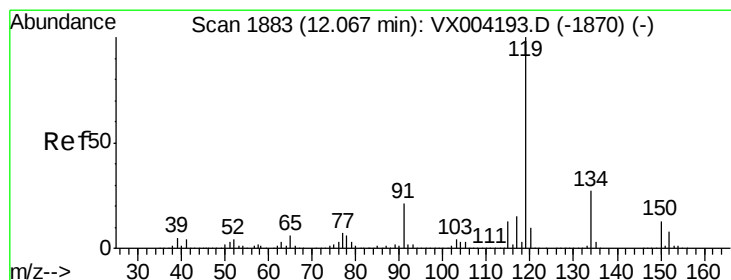
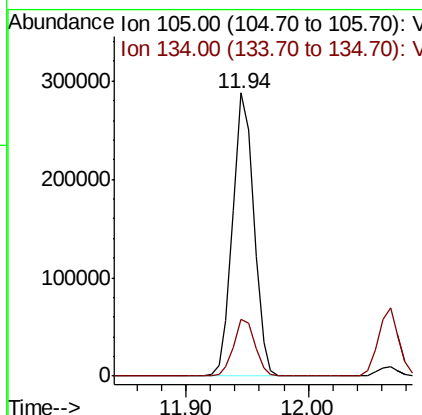
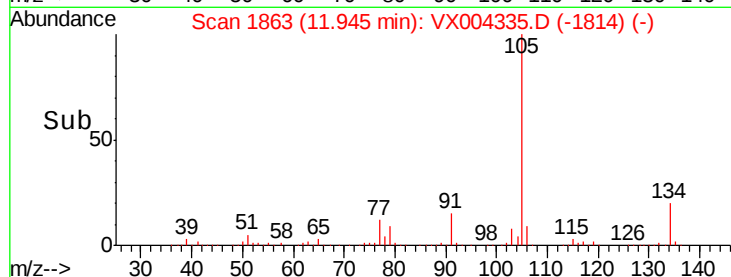
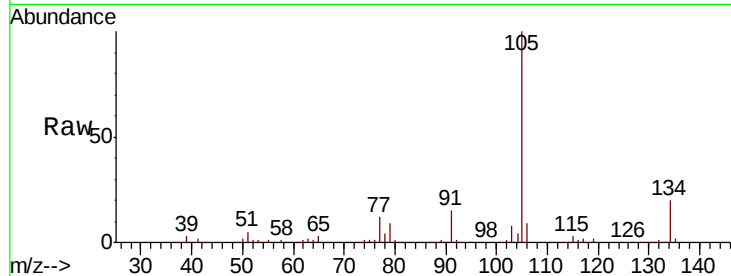




#85
 sec-Butylbenzene
 Concen: 21.40 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

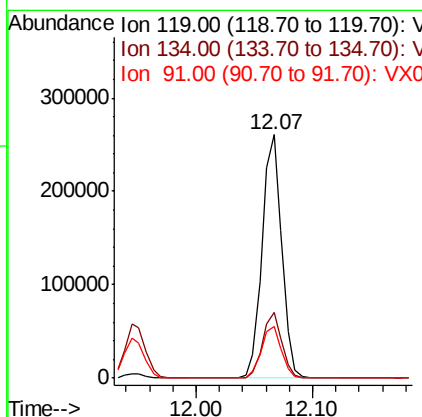
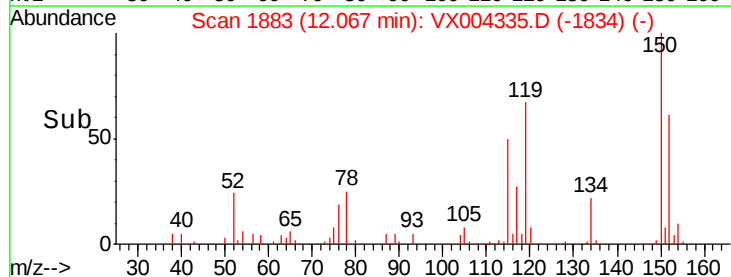
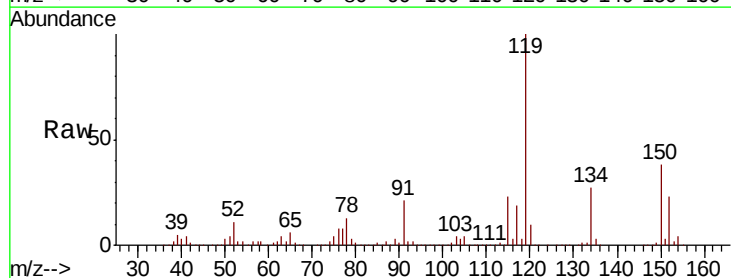
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD01

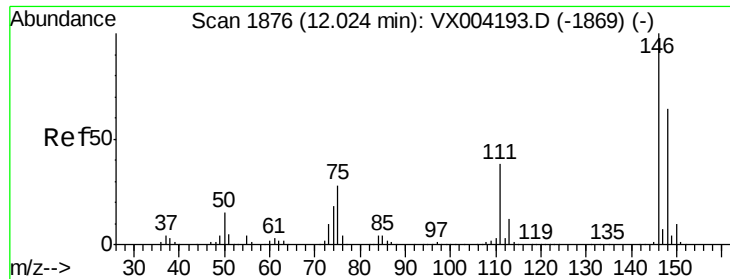
Tot Ion:105 Resp: 343306
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 21.40 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

Tgt Ion:119 Resp: 307733
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 21.9 10.9 32.7

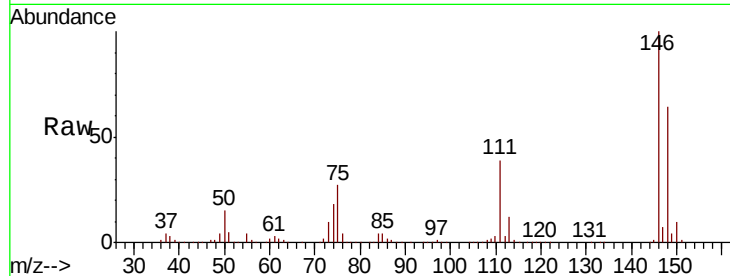




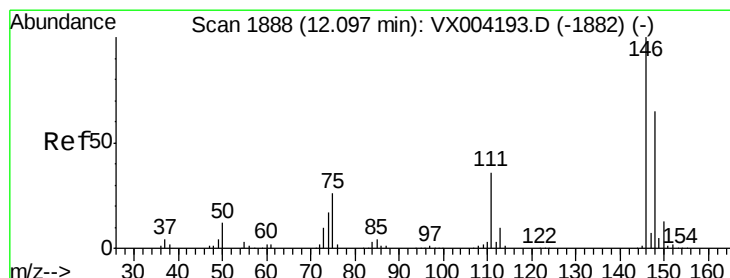
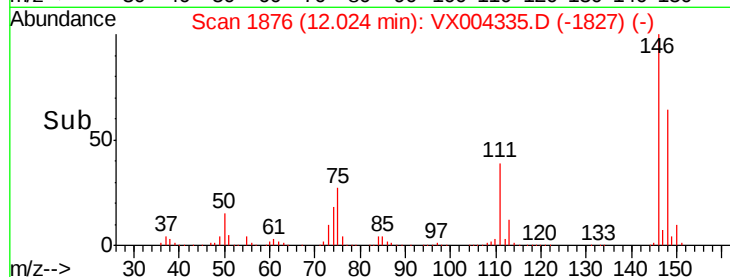
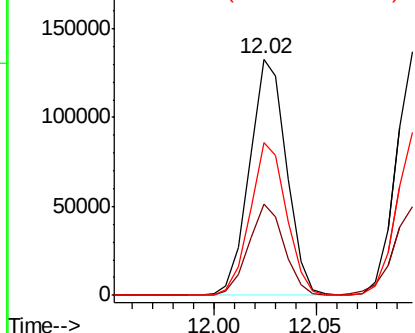
#87
 1,3-Dichlorobenzene
 Concen: 19.52 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

Instrument :
 MSVOA_X
 ClientSampled :
 VX0831WBSD01

Tot Ion:146 Resp: 167232
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.7 56.1
 148 63.7 32.1 96.5

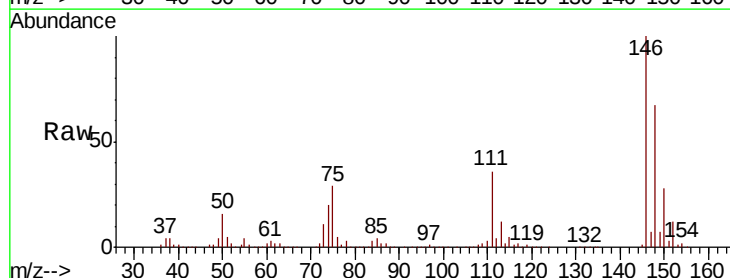


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

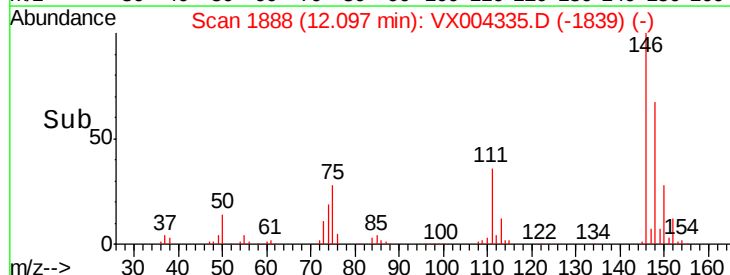
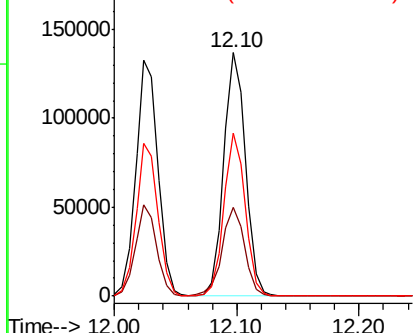


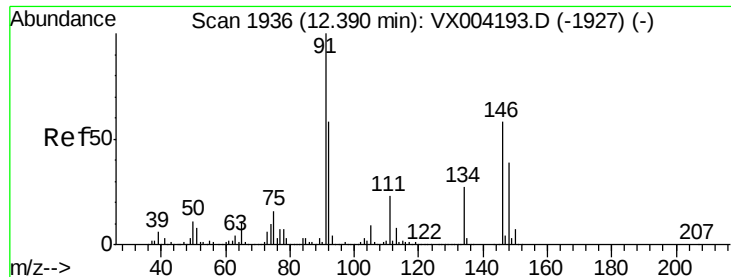
#88
 1,4-Dichlorobenzene
 Concen: 18.59 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

Tgt Ion:146 Resp: 167921
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.1 54.1
 148 65.4 32.0 96.0



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

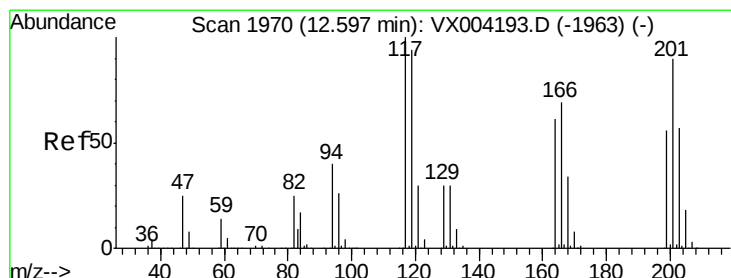
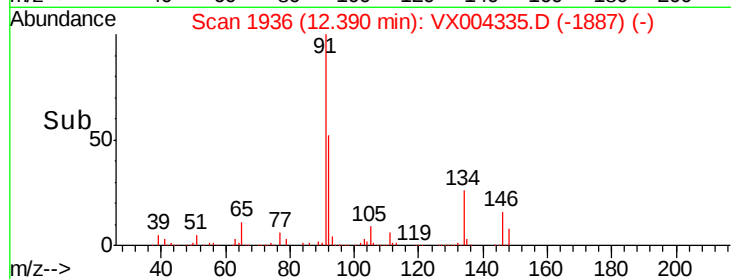
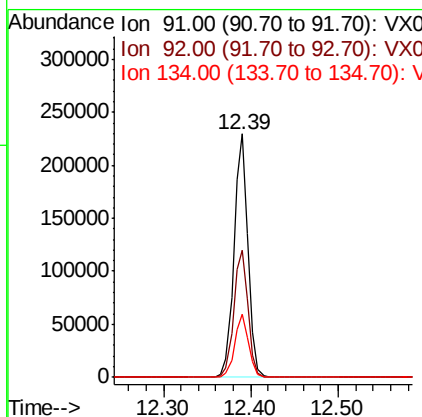
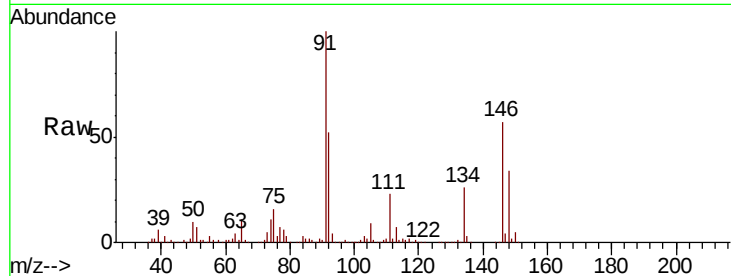




#89
n-Butylbenzene
Concen: 22.01 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

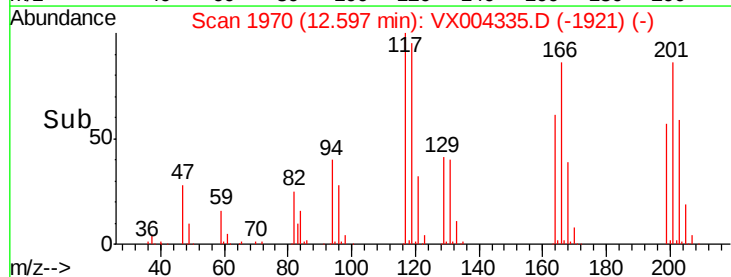
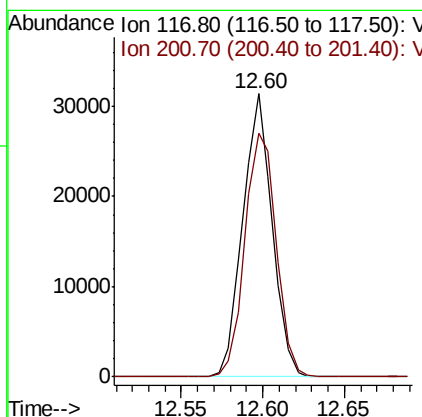
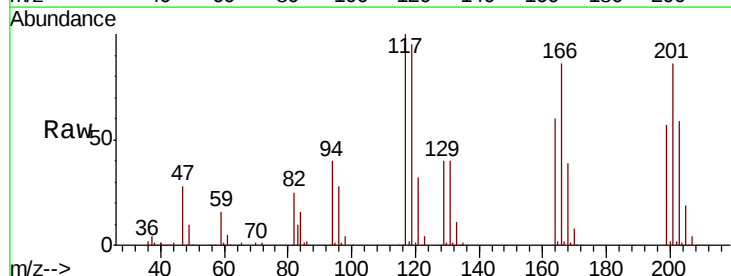
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD01

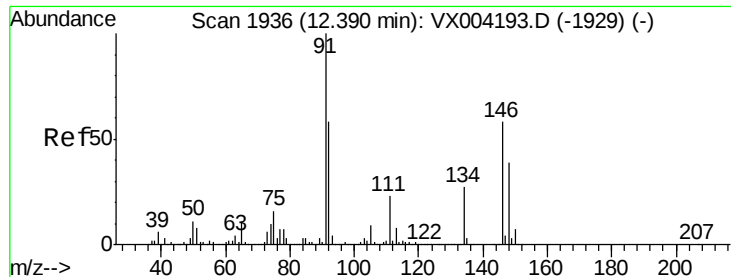
Tot Ion: 91 Resp: 257279
Ion Ratio Lower Upper
91 100
92 53.0 27.3 81.9
134 25.6 13.6 40.7



#90
Hexachloroethane
Concen: 19.63 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004335.D
Acq: 31 Aug 2018 19:13

Tgt Ion: 117 Resp: 39458
Ion Ratio Lower Upper
117 100
201 92.0 46.9 140.6

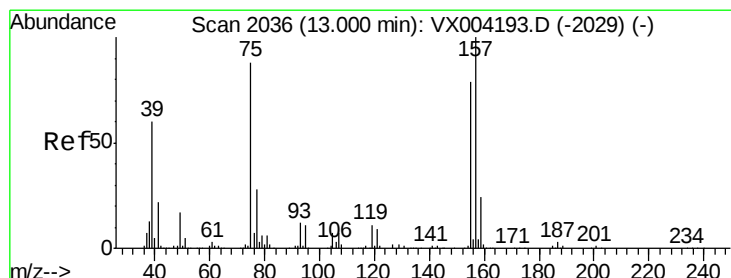
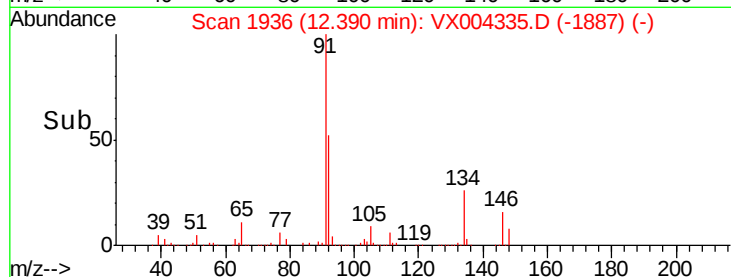
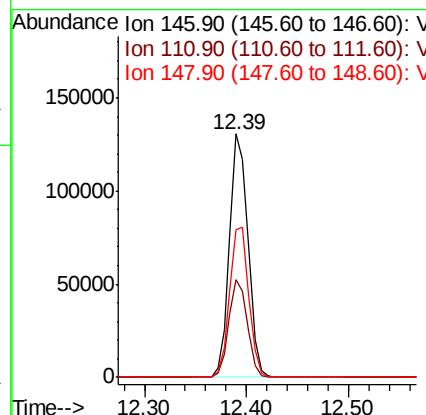
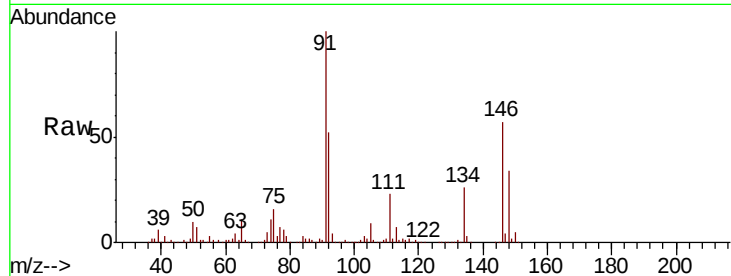




#91
 1,2-Dichlorobenzene
 Concen: 21.01 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

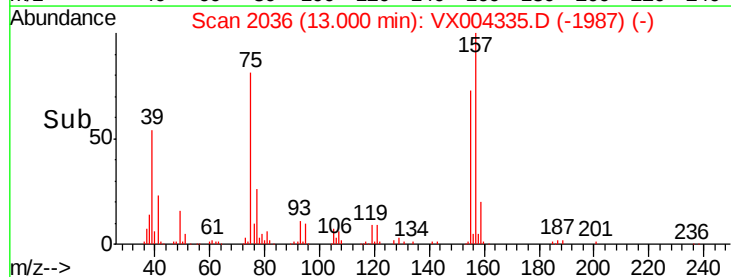
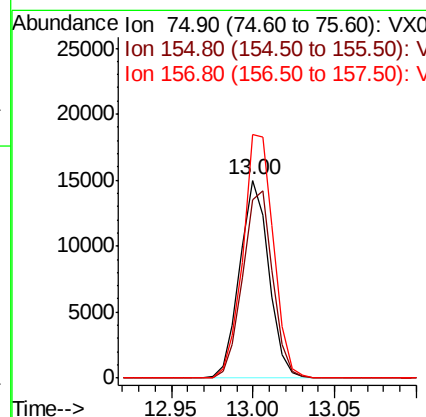
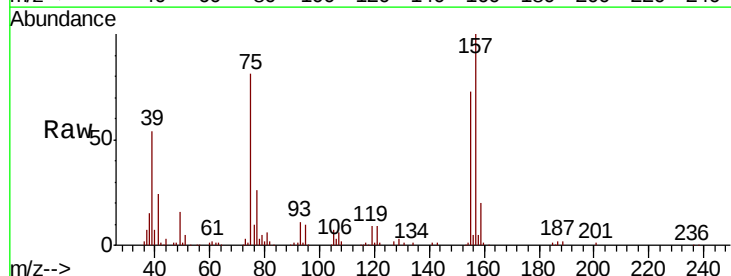
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD01

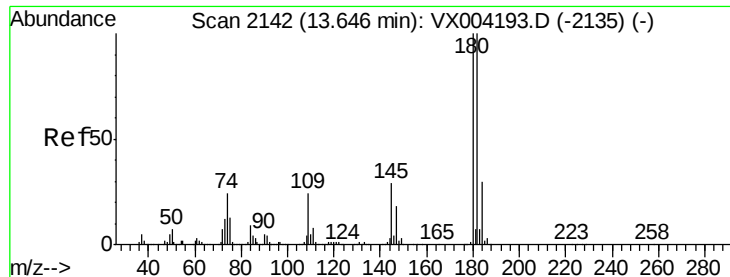
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.4	58.1
148	63.7	32.8	98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.62 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	48.0	144.2
157	129.6	61.4	184.1

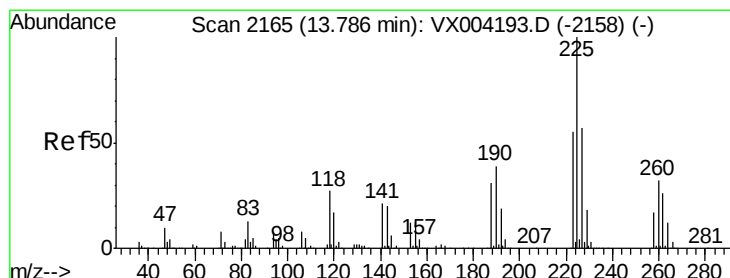
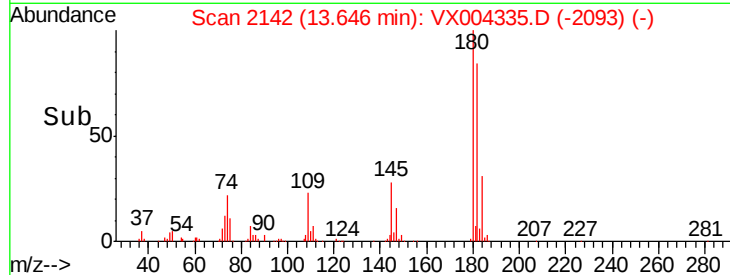
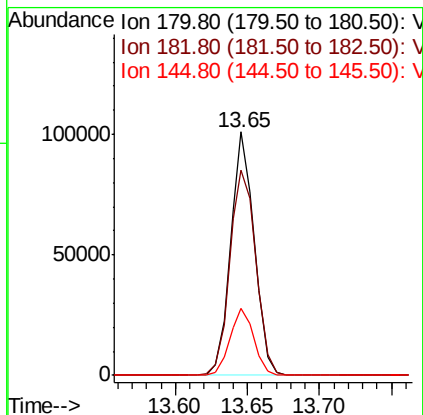
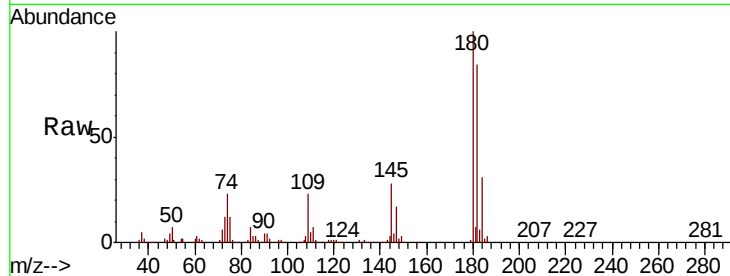




#93
 1,2,4-Trichlorobenzene
 Concen: 20.43 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

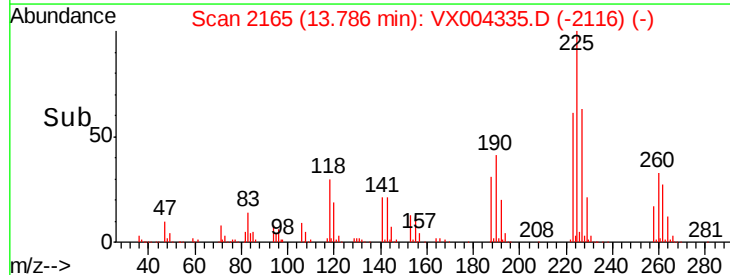
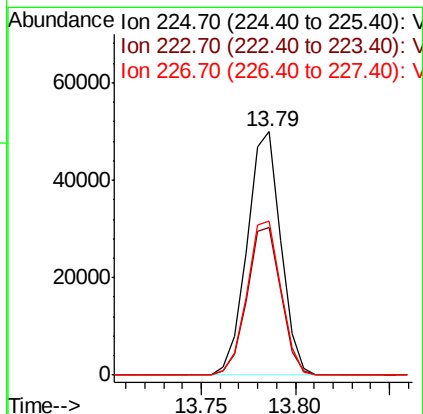
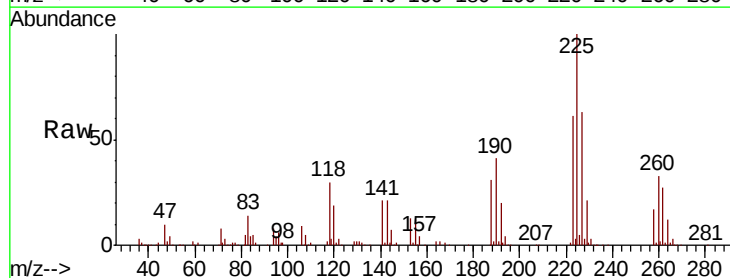
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD01

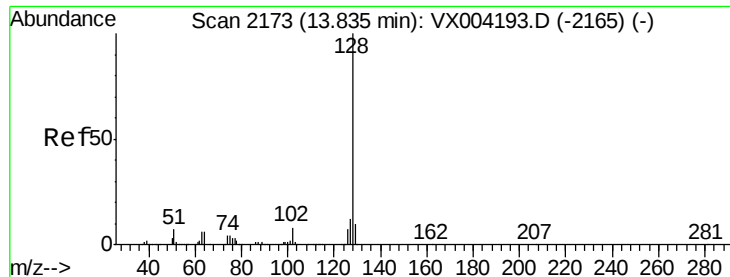
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.4	145.0
145	28.0	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 23.27 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX004335.D
 Acq: 31 Aug 2018 19:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	30.1	90.5
227	63.9	30.8	92.4





#95

Naphthalene

Concen: 21.33 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD01

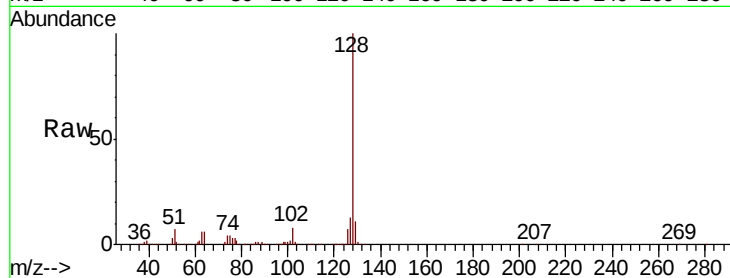
Tot Ion:128 Resp: 343662

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.2 8.6 12.8



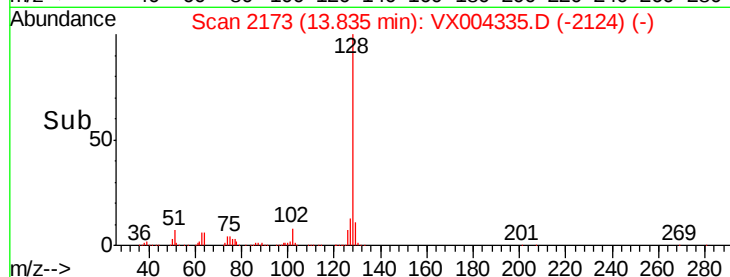
Abundance

Ion 128.00 (127.70 to 128.70): V

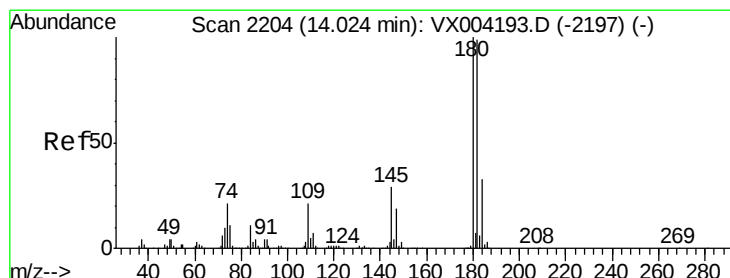
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 20.66 ug/l

RT: 14.02 min Scan# 2203

Delta R.T. -0.01 min

Lab File: VX004335.D

Acq: 31 Aug 2018 19:13

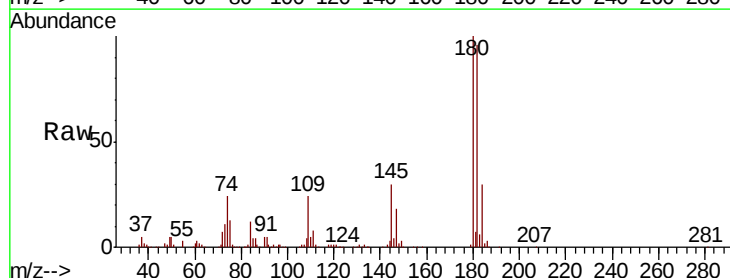
Tgt Ion:180 Resp: 124610

Ion Ratio Lower Upper

180 100

182 96.3 48.5 145.6

145 29.3 14.9 44.9



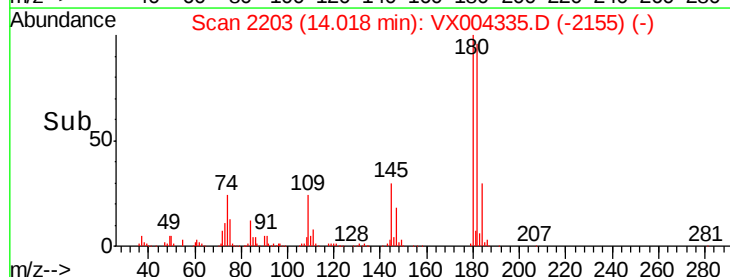
Abundance

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

14.02



Time-->