

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083018\
 Data File : VX004321.D
 Acq On : 30 Aug 2018 14:29
 Operator : JC/MD
 Sample : VX0830MBS01
 Misc : 5.0µ/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

Quant Time: Aug 30 15:20:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	303073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440313	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	409416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	196001	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	5.50	113	167698	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	8.71	98	627153	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.14	95	230589	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66535	18.95	ug/l	97
3) Chloromethane	1.32	50	75244	19.57	ug/l	99
4) Vinyl Chloride	1.40	62	76029	19.15	ug/l	98
5) Bromomethane	1.64	94	39088	18.70	ug/l	98
6) Chloroethane	1.72	64	58249	19.87	ug/l	100
7) Trichlorofluoromethane	1.93	101	102925	18.91	ug/l	97
8) Diethyl Ether	2.19	74	45962	19.72	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	63995	18.78	ug/l	99
10) Methyl Iodide	2.51	142	57650	17.98	ug/l	99
11) Tert butyl alcohol	3.07	59	86589	102.83	ug/l	100
12) 1,1-Dichloroethene	2.37	96	59188	18.43	ug/l	97
13) Acrolein	2.29	56	16773	82.62	ug/l	99
14) Allyl chloride	2.73	41	115434	19.57	ug/l	98
15) Acrylonitrile	3.15	53	208835	100.15	ug/l	99
16) Acetone	2.45	43	178388	105.98	ug/l	99
17) Carbon Disulfide	2.57	76	145008	16.80	ug/l	97
18) Methyl Acetate	2.78	43	147333	25.13	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	208783	19.73	ug/l	97
20) Methylene Chloride	2.86	84	74330	19.55	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	65072	18.31	ug/l	96
22) Diisopropyl ether	3.87	45	217619	19.76	ug/l	97
23) Vinyl Acetate	3.82	43	824991	92.42	ug/l	100
24) 1,1-Dichloroethane	3.70	63	127489	19.86	ug/l	100
25) 2-Butanone	4.71	43	271900	101.03	ug/l	99
26) 2,2-Dichloropropane	4.58	77	91787	18.23	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	74669	18.52	ug/l	99
28) Bromochloromethane	5.01	49	60113	21.15	ug/l	99
29) Tetrahydrofuran	5.16	42	169273	99.74	ug/l	99
30) Chloroform	5.21	83	125415	19.49	ug/l	96
31) Cyclohexane	5.57	56	102237	18.46	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	101944	19.00	ug/l	99
36) 1,1-Dichloropropene	5.80	75	90079	18.20	ug/l	99
37) Ethyl Acetate	4.86	43	94601	19.43	ug/l	100
38) Carbon Tetrachloride	5.78	117	86372	18.55	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97509	17.25	ug/l	98
40) Benzene	6.14	78	286330	19.36	ug/l	100
41) Methacrylonitrile	5.06	41	56913	20.17	ug/l	99
42) 1,2-Dichloroethane	6.20	62	97553	19.34	ug/l	100
43) Isopropyl Acetate	6.46	43	144751	19.35	ug/l	99
44) Trichloroethene	7.21	130	75426	18.42	ug/l	99
45) 1,2-Dichloropropane	7.52	63	73621	19.89	ug/l	97
46) Dibromomethane	7.67	93	46759	18.97	ug/l	99
47) Bromodichloromethane	7.90	83	87588	19.10	ug/l	99
48) Methyl methacrylate	7.78	41	78033	19.49	ug/l	100
49) 1,4-Dioxane	7.76	88	34857	383.55	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	526433	96.85	ug/l	99
52) Toluene	8.79	92	180338	19.48	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	93618	18.48	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	106007	19.21	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	74424	19.91	ug/l	99
56) Ethyl methacrylate	9.18	69	97531	19.17	ug/l	99
57) 1,3-Dichloropropane	9.37	76	125328	19.89	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	281795	108.09	ug/l	99
59) 2-Hexanone	9.50	43	394964	95.25	ug/l	99
60) Dibromochloromethane	9.59	129	68064	18.69	ug/l	99
61) 1,2-Dibromoethane	9.67	107	74623	19.29	ug/l	100
64) Tetrachloroethene	9.34	164	76243	18.85	ug/l	97
65) Chlorobenzene	10.14	112	195676	19.04	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.22	131	66527	18.77	ug/l	98
67) Ethyl Benzene	10.25	91	319244	19.13	ug/l	93
68) m/p-Xylenes	10.36	106	253634	38.87	ug/l	100
69) o-Xylene	10.70	106	124405	20.16	ug/l	97
70) Styrene	10.71	104	203376	20.35	ug/l	99
71) Bromoform	10.86	173	50741	17.76	ug/l #	97
73) Isopropylbenzene	11.02	105	331447	20.81	ug/l	100
74) N-amyl acetate	10.90	43	119750	19.52	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	112946	20.26	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	123091	24.95	ug/l	88
77) Bromobenzene	11.26	156	91018	20.37	ug/l	99
78) n-propylbenzene	11.36	91	377807	20.62	ug/l	99
79) 2-Chlorotoluene	11.42	91	231478	20.53	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	276083	20.93	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	29059	19.11	ug/l	96
82) 4-Chlorotoluene	11.51	91	266296	20.07	ug/l	99
83) tert-Butylbenzene	11.77	119	268397	20.22	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	287573	21.23	ug/l	99
85) sec-Butylbenzene	11.94	105	323133	20.50	ug/l	100
86) p-Isopropyltoluene	12.07	119	281387	19.92	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	163256	19.40	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	160704	18.12	ug/l	96
89) n-Butylbenzene	12.39	91	216358	18.84	ug/l	98
90) Hexachloroethane	12.60	117	37691	19.09	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	154110	20.04	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18309	18.65	ug/l	97

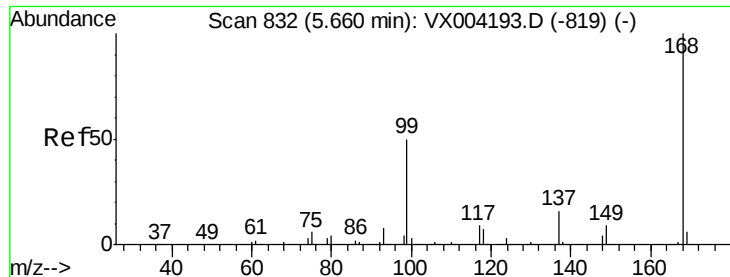
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96324	17.22	ug/l	99
94) Hexachlorobutadiene	13.79	225	44866	17.15	ug/l	98
95) Naphthalene	13.83	128	294783	18.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101756	17.18	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

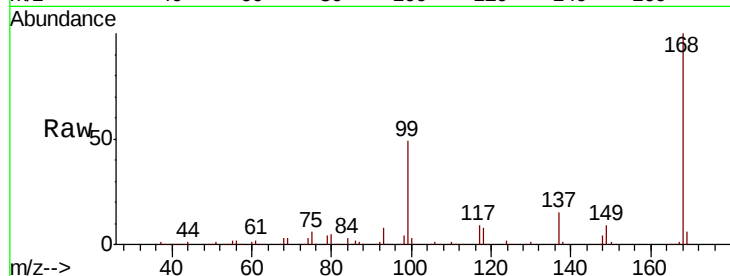
VX0830MBS01

Tot Ion:168 Resp: 303073

Ion Ratio Lower Upper

168 100

99 49.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

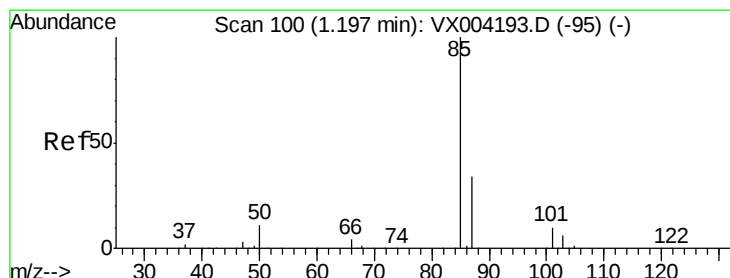
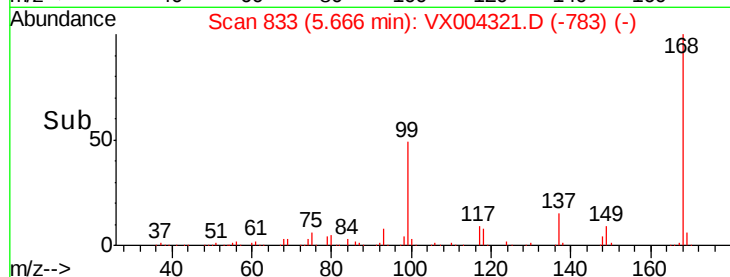
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.95 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004321.D

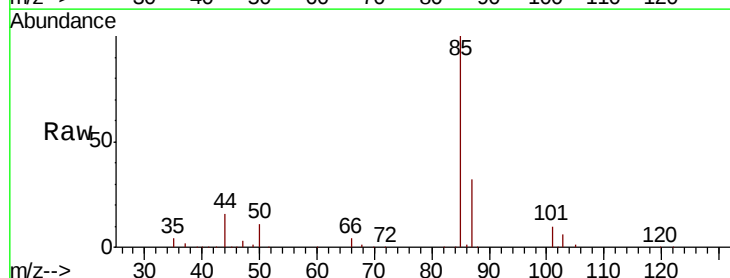
Acq: 30 Aug 2018 14:29

Tgt Ion: 85 Resp: 66535

Ion Ratio Lower Upper

85 100

87 32.1 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

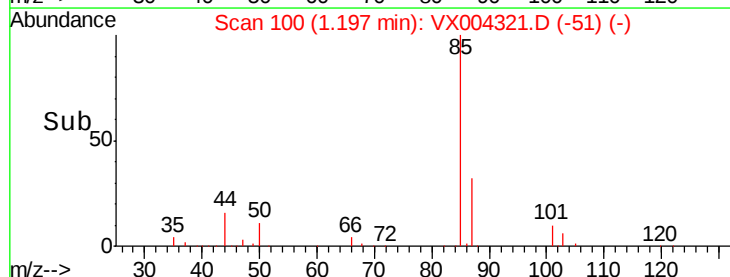
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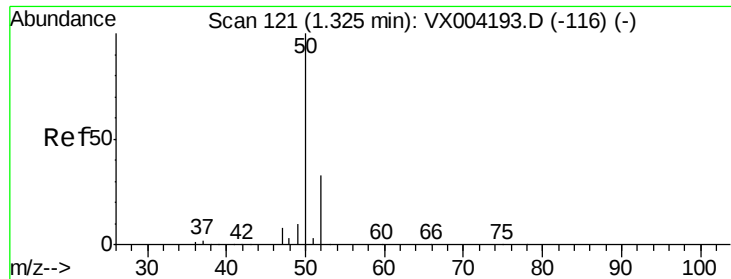
40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.57 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

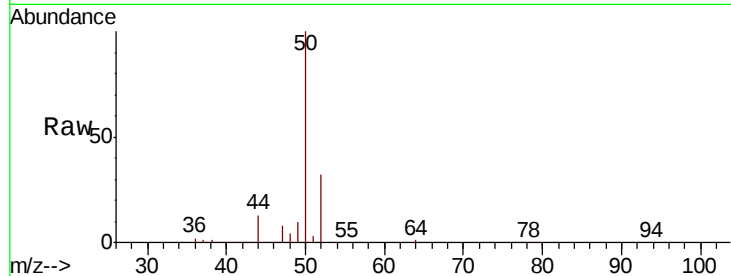
VX0830MBS01

Tot Ion: 50 Resp: 75244

Ion Ratio Lower Upper

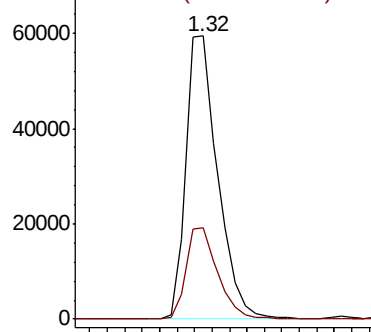
50 100

52 32.4 26.2 39.2

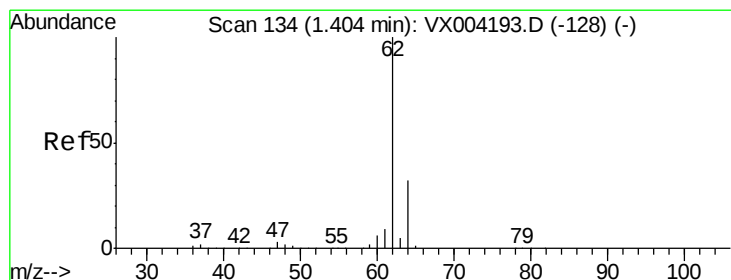
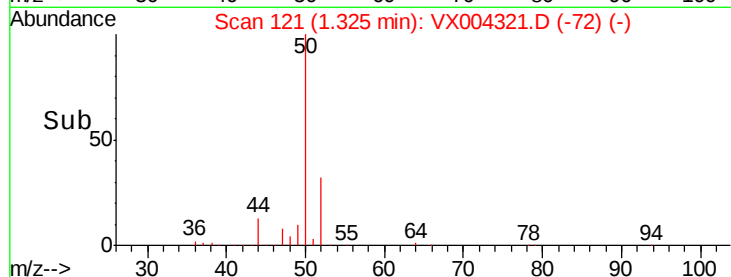


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 19.15 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004321.D

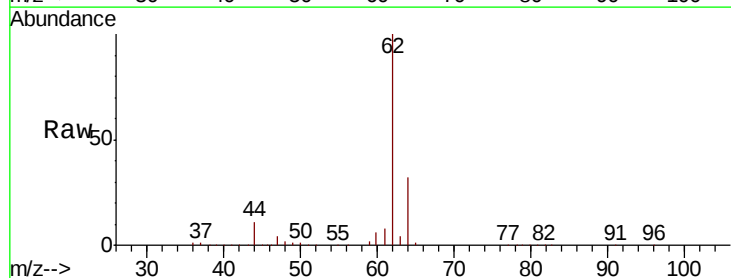
Acq: 30 Aug 2018 14:29

Tgt Ion: 62 Resp: 76029

Ion Ratio Lower Upper

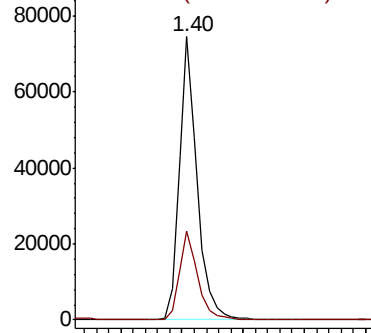
62 100

64 31.4 25.8 38.8

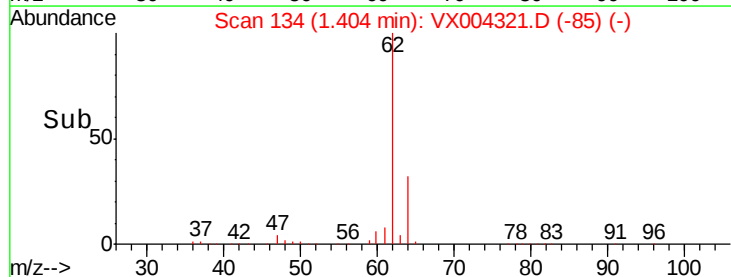


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 18.70 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

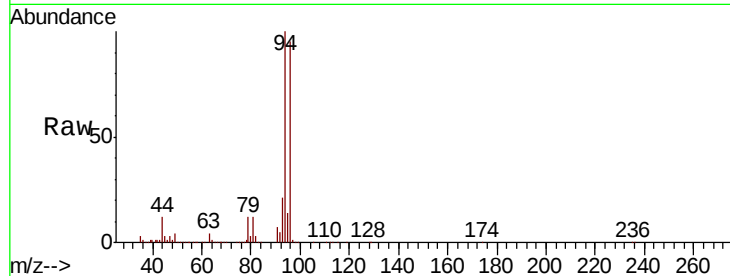
VX0830MBS01

Tot Ion: 94 Resp: 39088

Ion Ratio Lower Upper

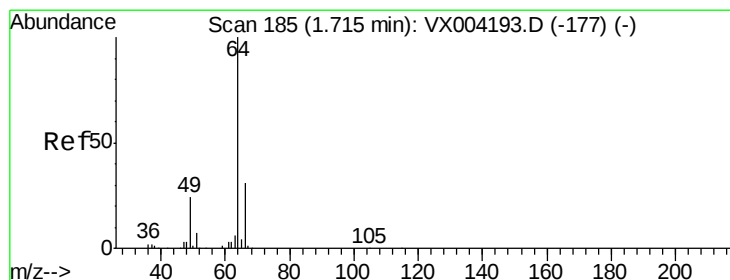
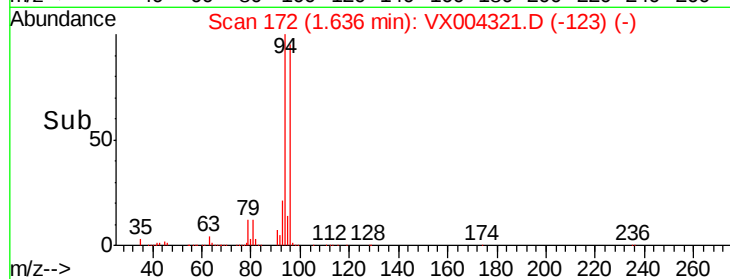
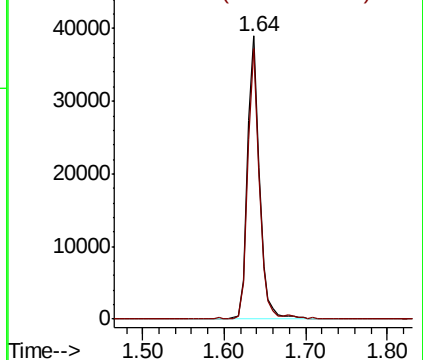
94 100

96 95.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.87 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004321.D

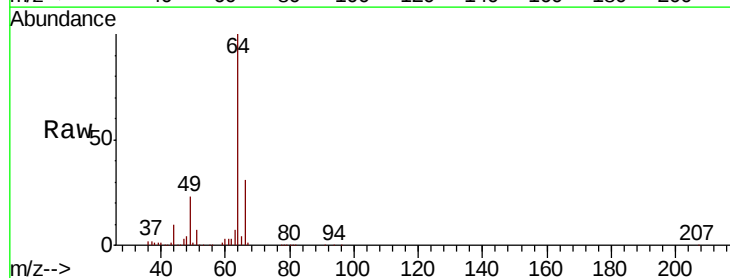
Acq: 30 Aug 2018 14:29

Tgt Ion: 64 Resp: 58249

Ion Ratio Lower Upper

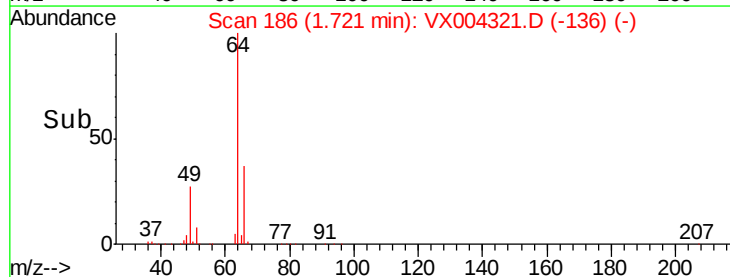
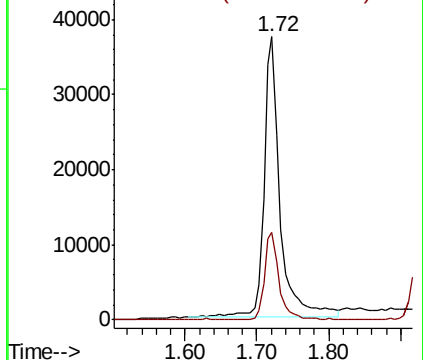
64 100

66 30.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



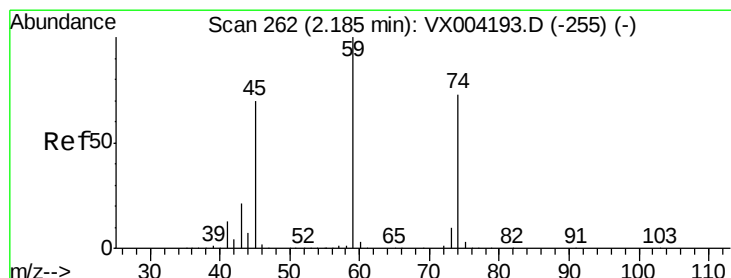
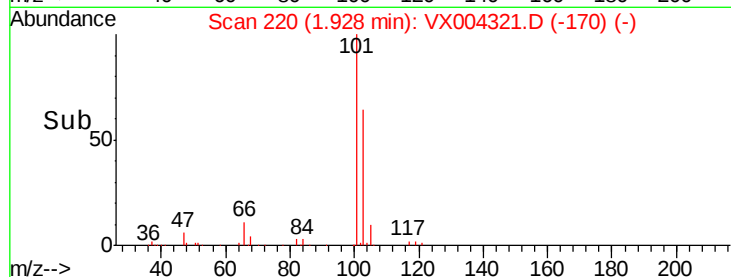
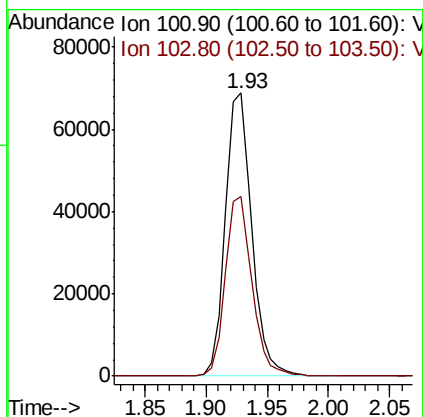
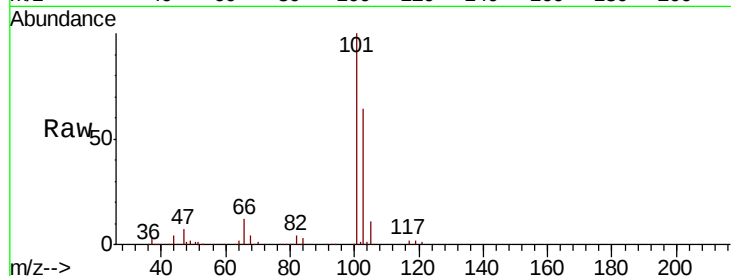


#7

Trichlorofluoromethane
 Concen: 18.91 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

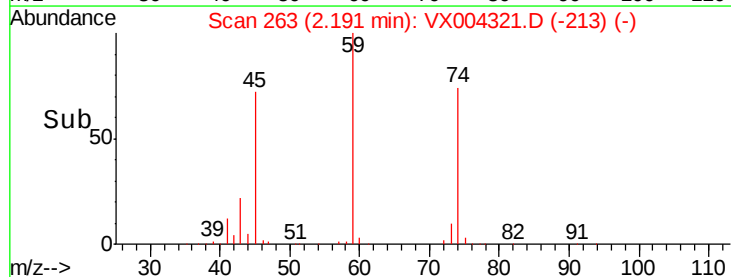
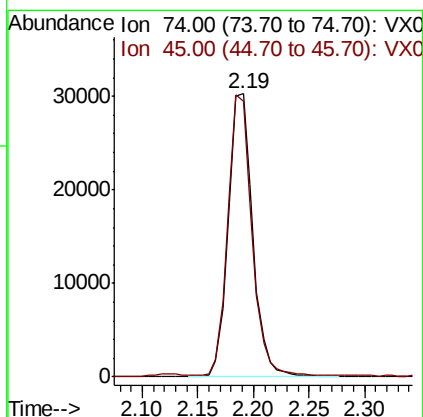
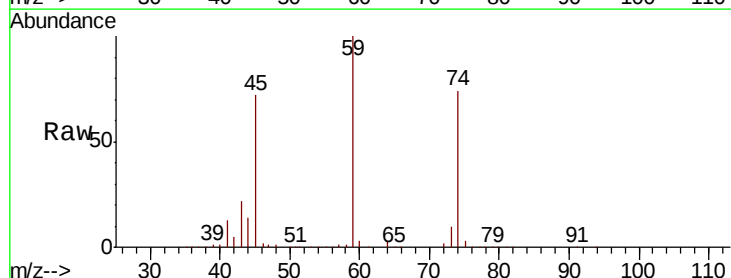
Tot Ion:101 Resp: 102925
 Ion Ratio Lower Upper
 101 100
 103 63.5 48.9 73.3

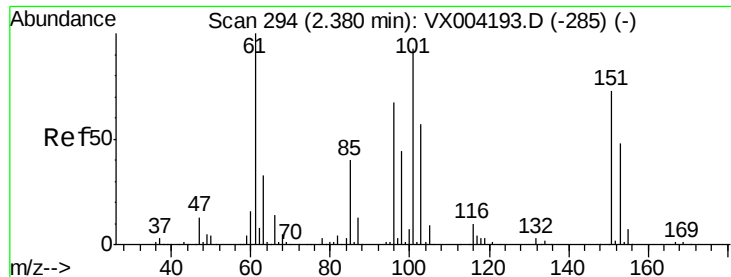


#8

Diethyl Ether
 Concen: 19.72 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.01 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Tgt Ion: 74 Resp: 45962
 Ion Ratio Lower Upper
 74 100
 45 98.1 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.78 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

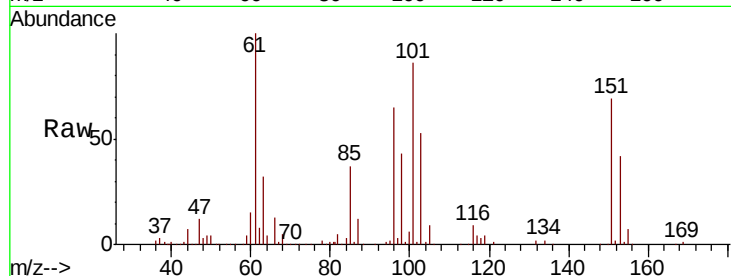
Tot Ion:101 Resp: 63995

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

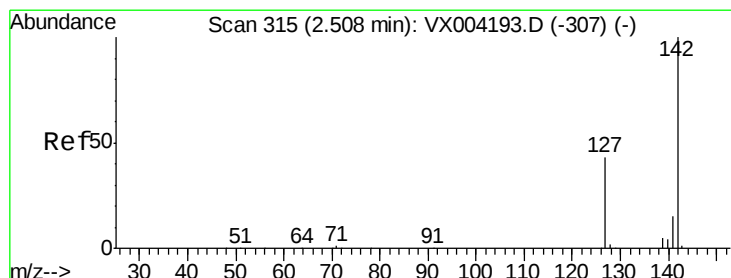
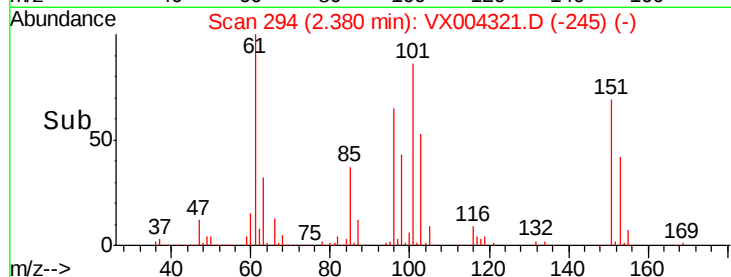
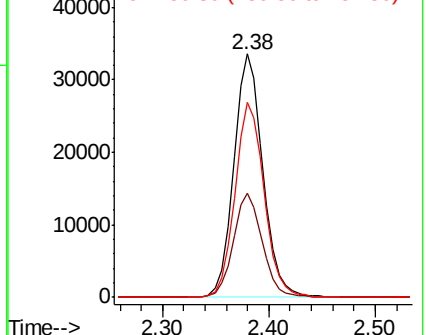
151 80.6 65.0 97.6



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: 17.98 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

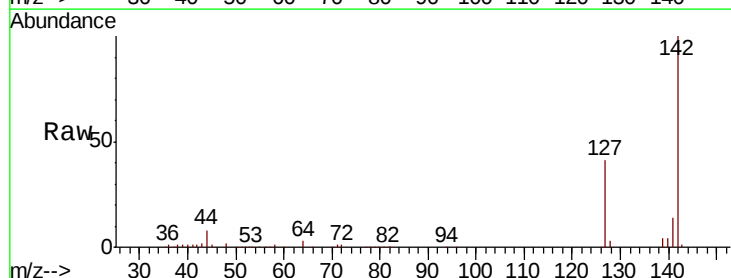
Tgt Ion:142 Resp: 57650

Ion Ratio Lower Upper

142 100

127 41.8 33.8 50.6

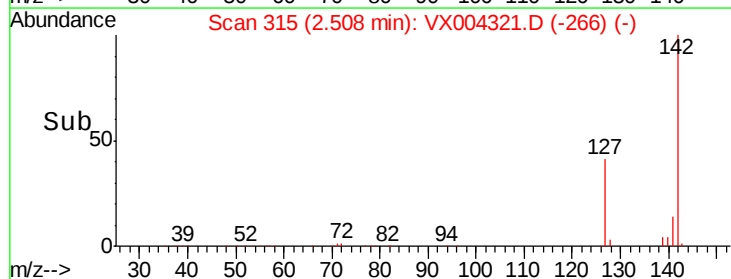
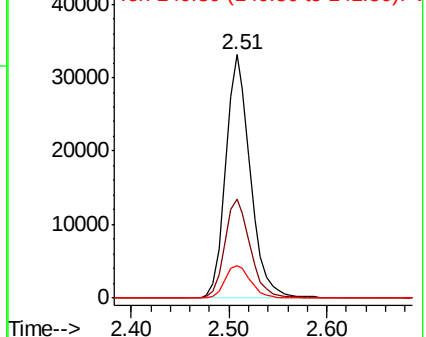
141 14.0 11.4 17.0



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

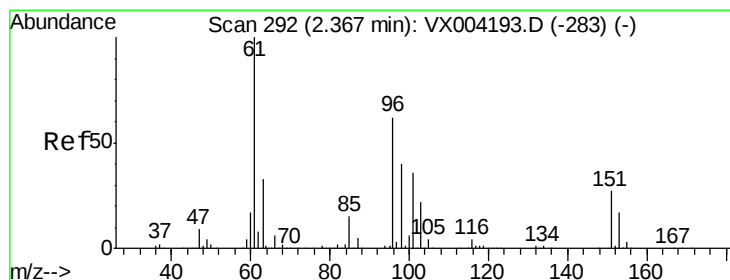
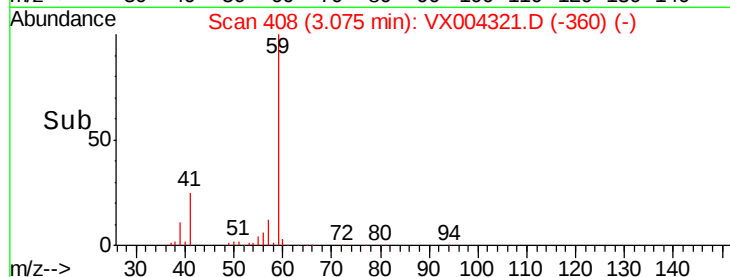
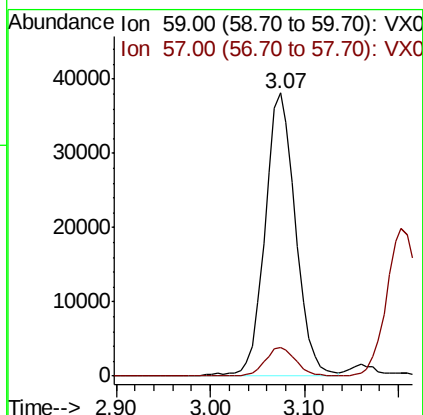
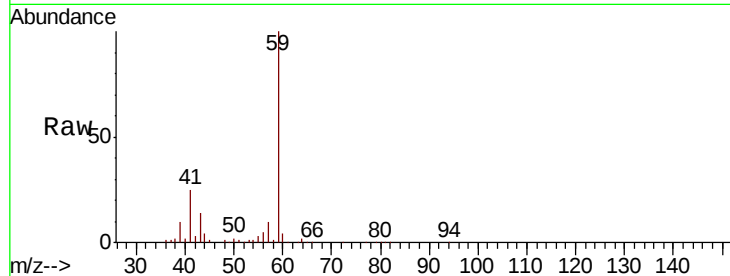




#11
Tert butyl alcohol
Concen: 102.83 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

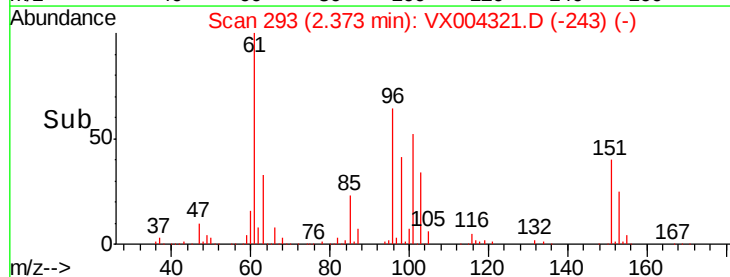
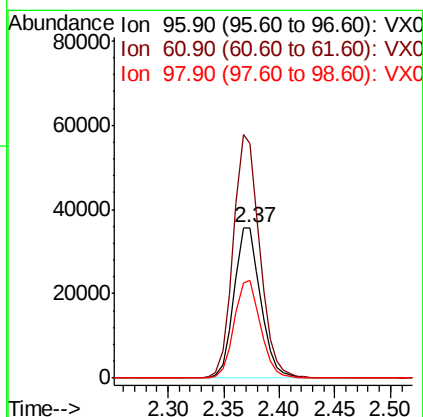
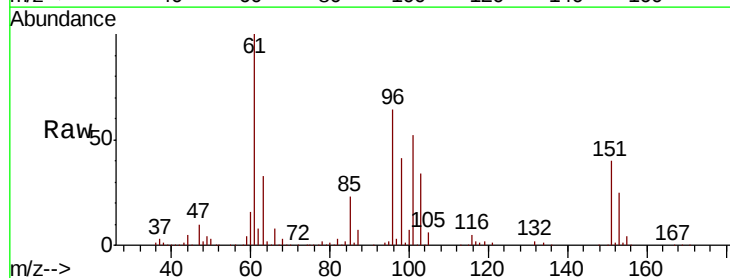
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

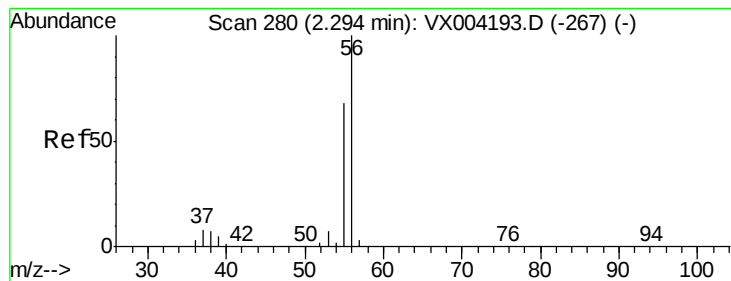
Tot Ion: 59 Resp: 86589
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.43 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

Tgt Ion: 96 Resp: 59188
Ion Ratio Lower Upper
96 100
61 156.4 128.8 193.2
98 64.8 52.2 78.2





#13

Acrolein

Concen: 82.62 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

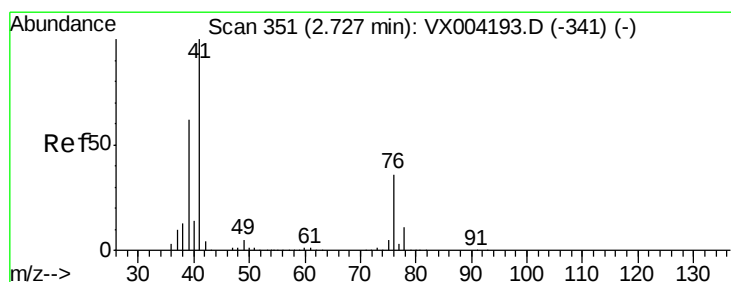
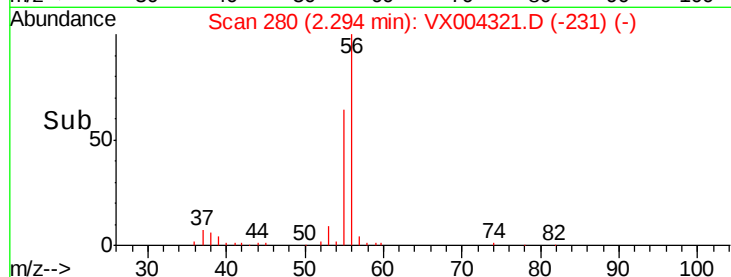
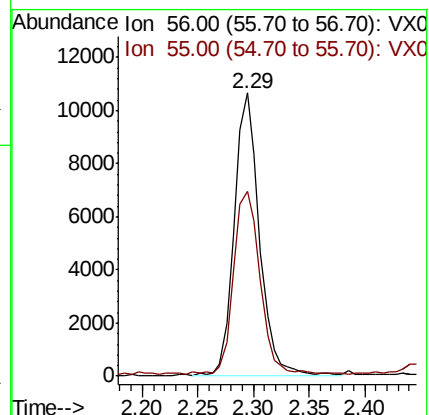
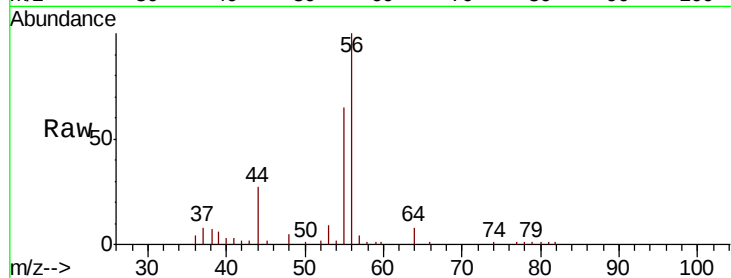
VX0830MBS01

Tot Ion: 56 Resp: 16773

Ion Ratio Lower Upper

56 100

55 67.6 54.7 82.1



#14

Allyl chloride

Concen: 19.57 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

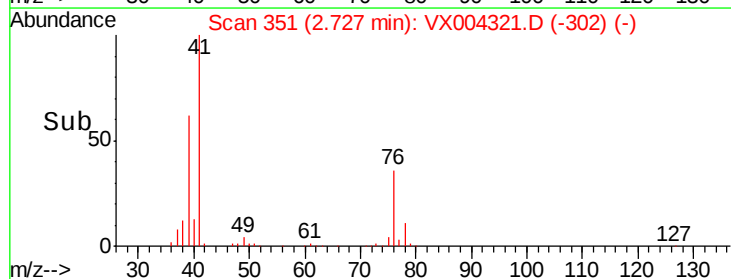
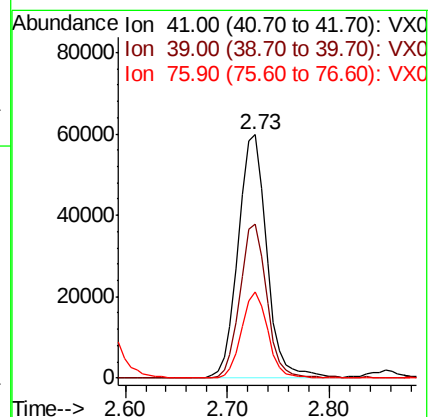
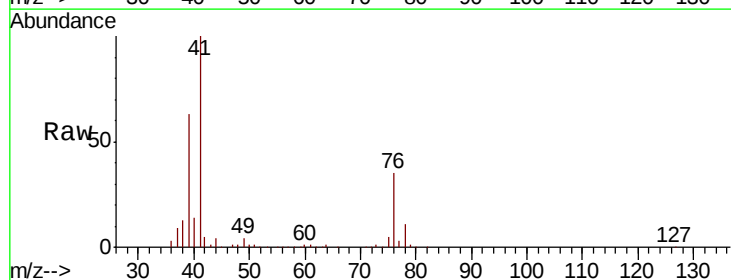
Tgt Ion: 41 Resp: 115434

Ion Ratio Lower Upper

41 100

39 58.9 48.9 73.3

76 32.8 26.7 40.1





#15

Acrylonitrile

Concen: 100.15 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampled :

VX0830MBS01

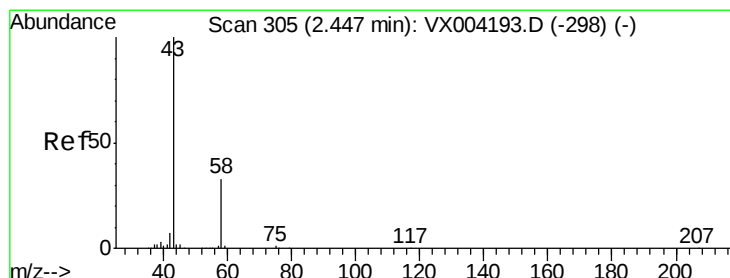
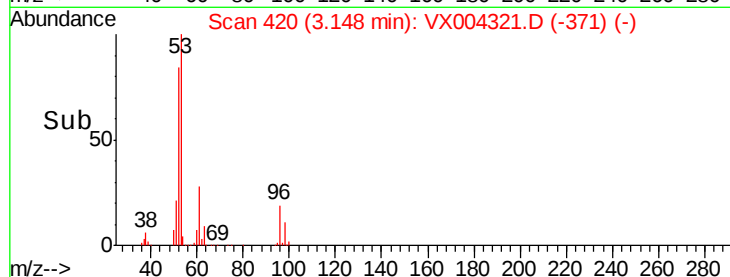
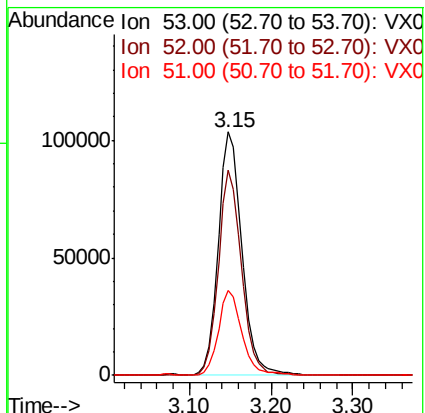
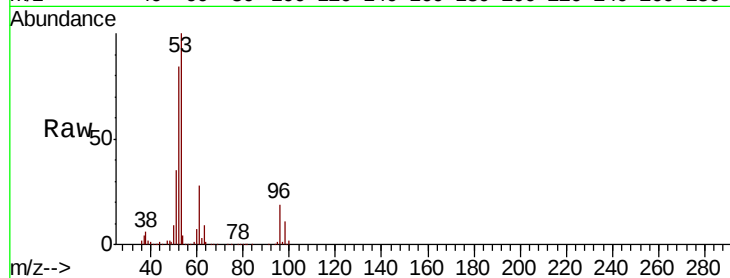
Tot Ion: 53 Resp: 208835

Ion Ratio Lower Upper

53 100

52 82.0 65.2 97.8

51 34.7 28.2 42.2



#16

Acetone

Concen: 105.98 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004321.D

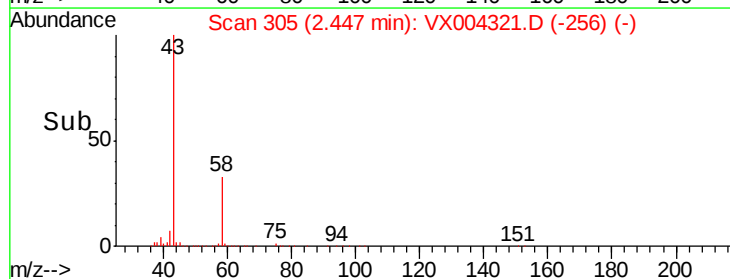
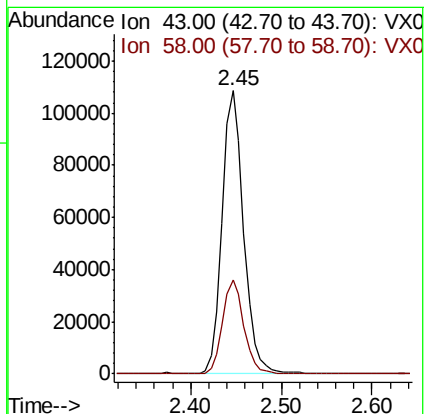
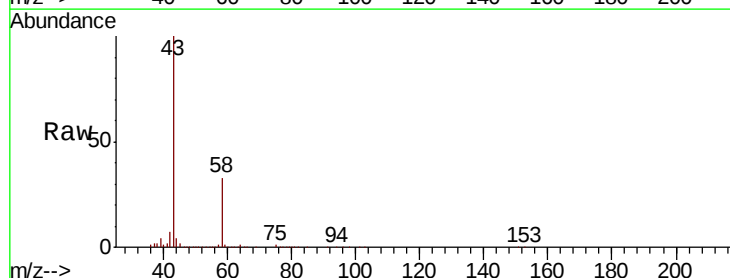
Acq: 30 Aug 2018 14:29

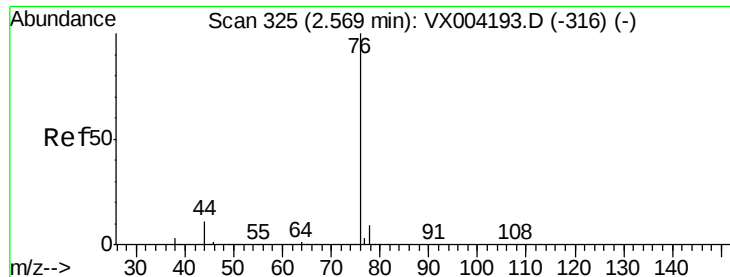
Tgt Ion: 43 Resp: 178388

Ion Ratio Lower Upper

43 100

58 33.1 26.2 39.4

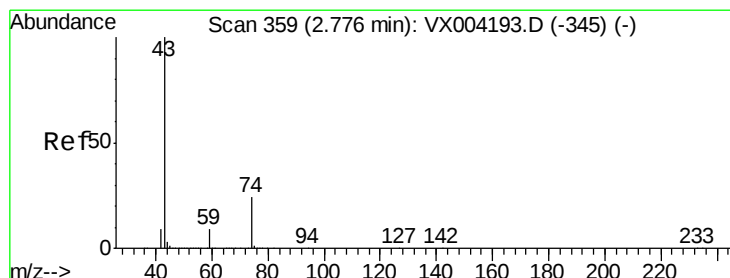
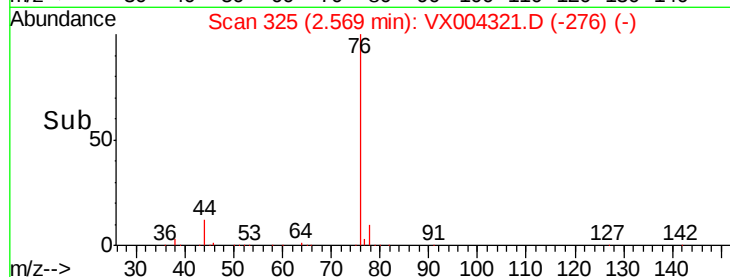
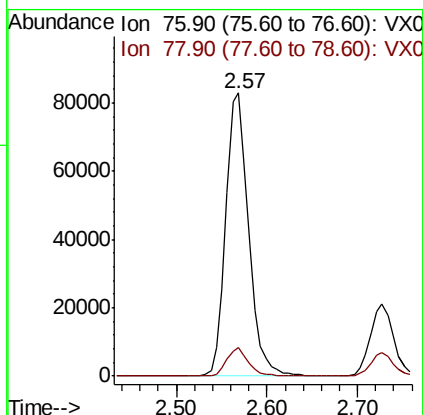
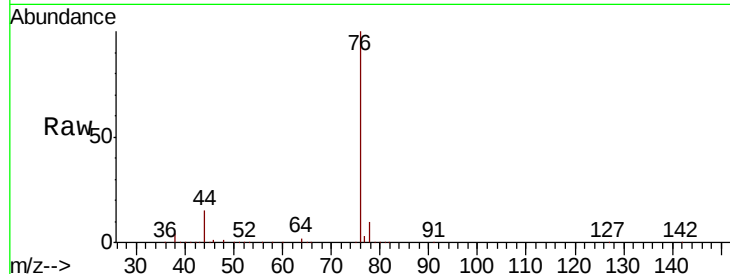




#17
Carbon Disulfide
Concen: 16.80 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

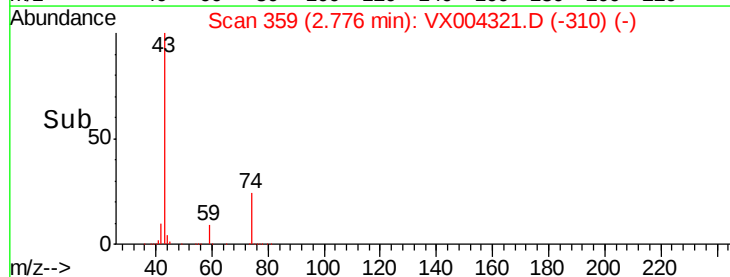
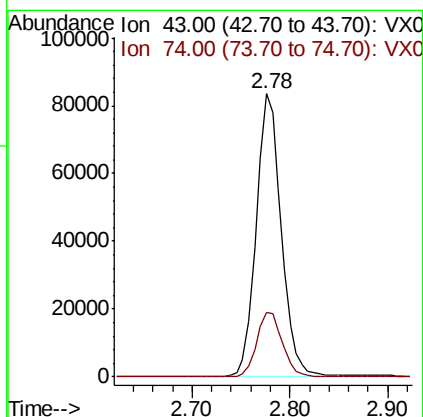
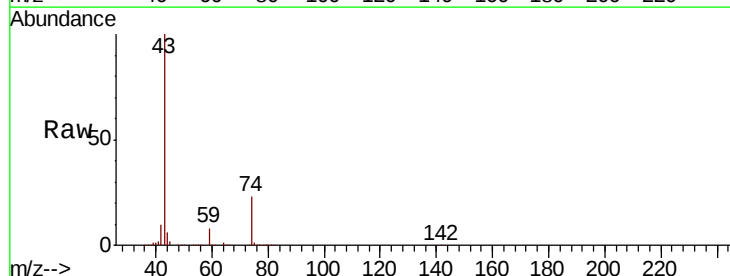
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

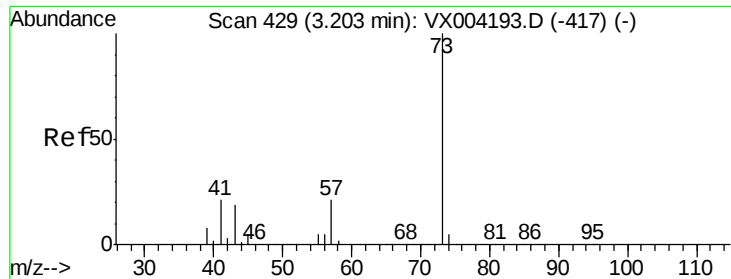
Tot Ion: 76 Resp: 145008
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



#18
Methyl Acetate
Concen: 25.13 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

Tgt Ion: 43 Resp: 147333
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2

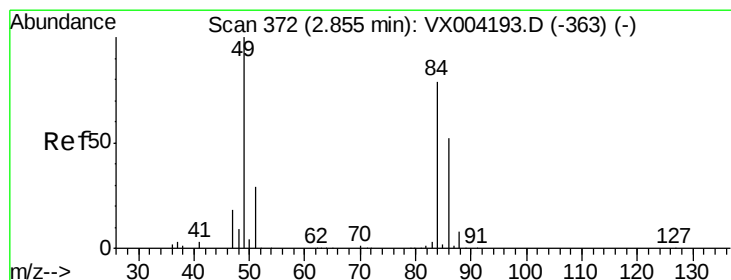
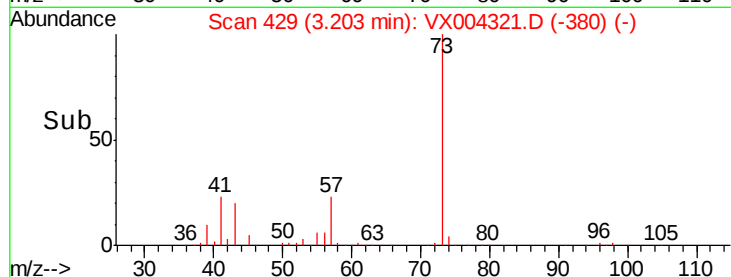
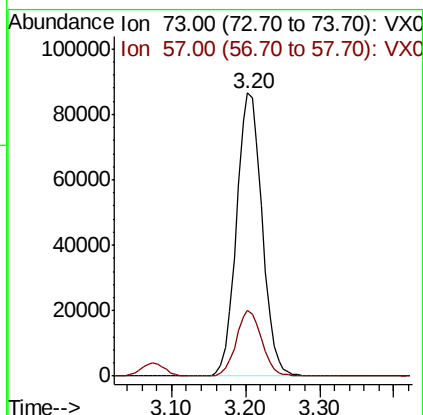
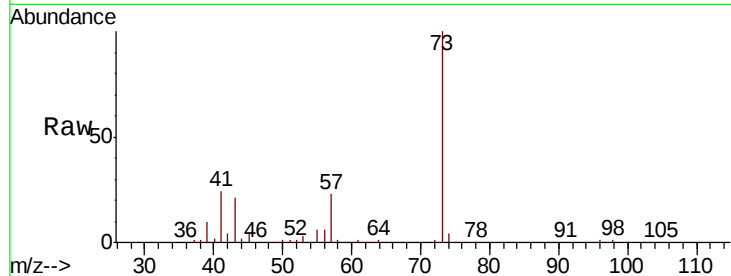




#19
Methyl tert-butyl Ether
Concen: 19.73 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

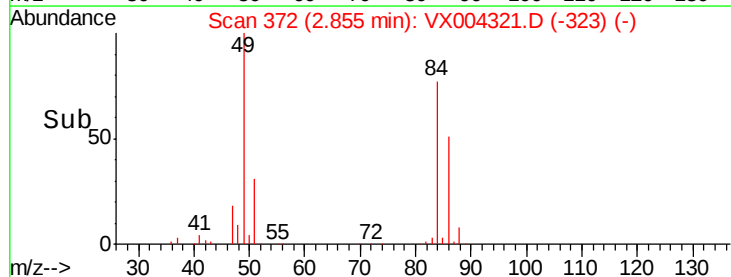
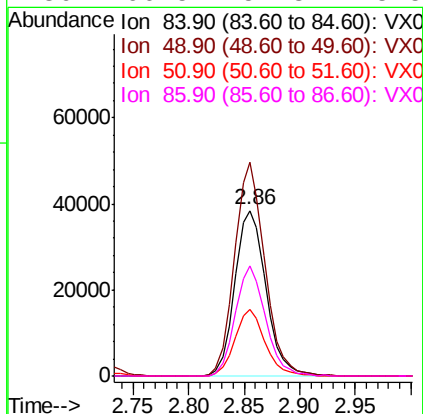
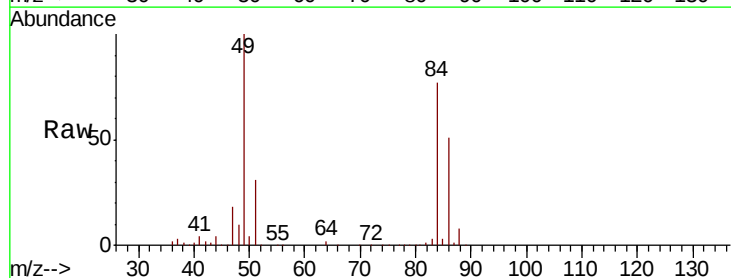
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

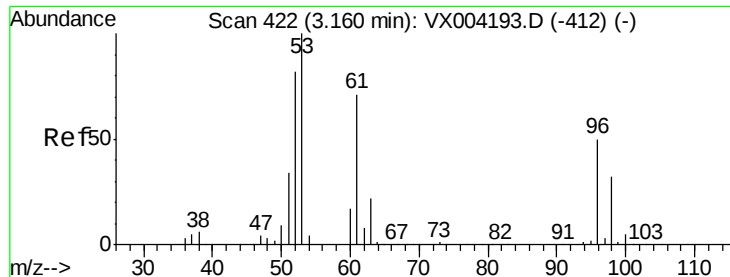
Tot Ion: 73 Resp: 208783
Ion Ratio Lower Upper
73 100
57 23.0 17.1 25.7



#20
Methylene Chloride
Concen: 19.55 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

Tgt Ion: 84 Resp: 74330
Ion Ratio Lower Upper
84 100
49 129.0 101.2 151.8
51 40.3 29.5 44.3
86 66.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.31 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

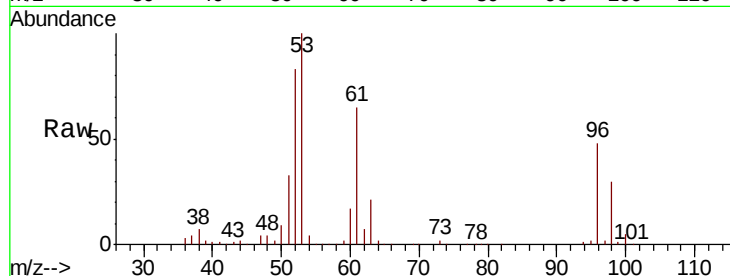
Tot Ion: 96 Resp: 65072

Ion Ratio Lower Upper

96 100

61 136.0 113.8 170.6

98 62.6 51.8 77.8

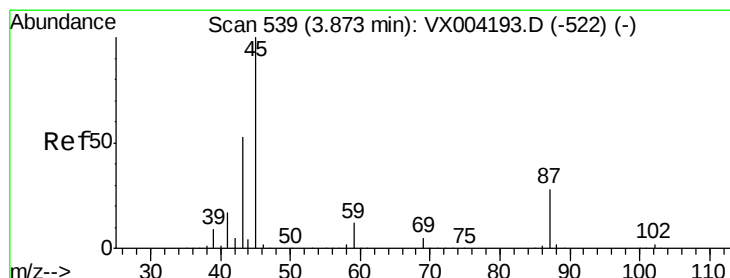
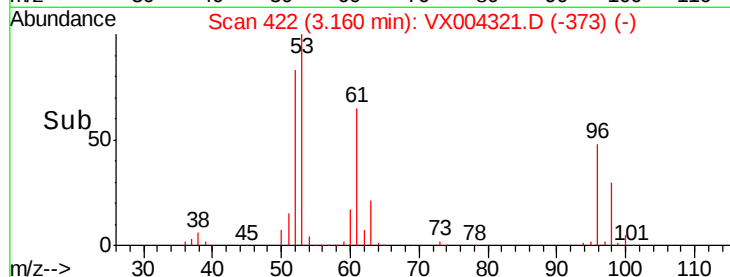
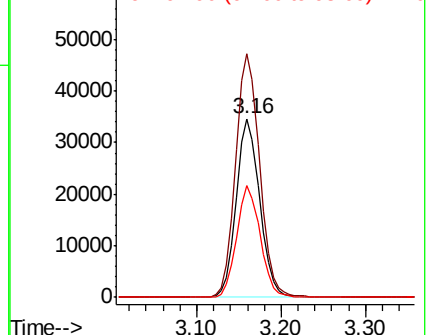


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.76 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Tgt Ion: 45 Resp: 217619

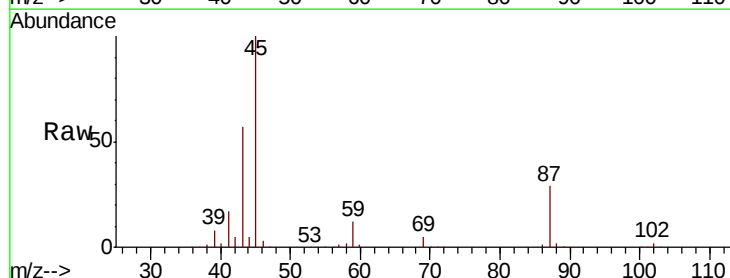
Ion Ratio Lower Upper

45 100

43 56.6 42.8 64.2

87 28.9 22.6 34.0

59 11.5 9.6 14.4



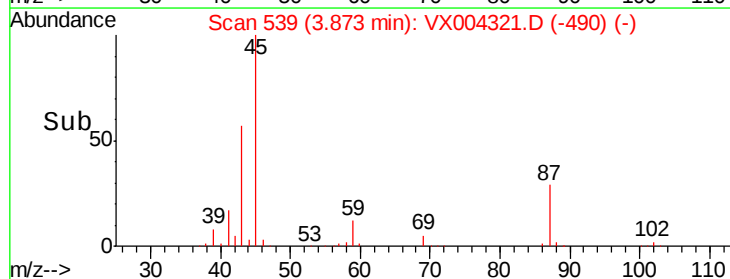
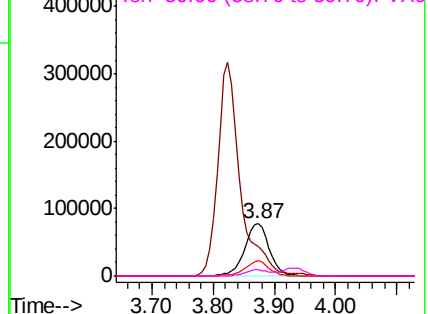
Abundance

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

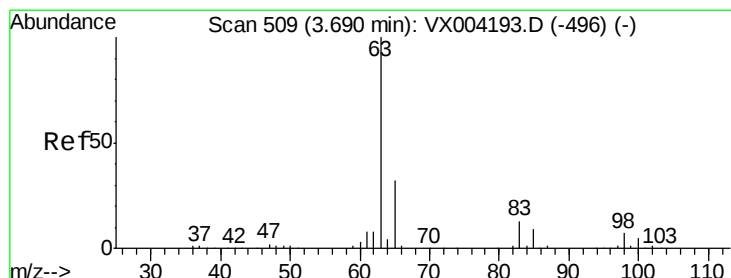
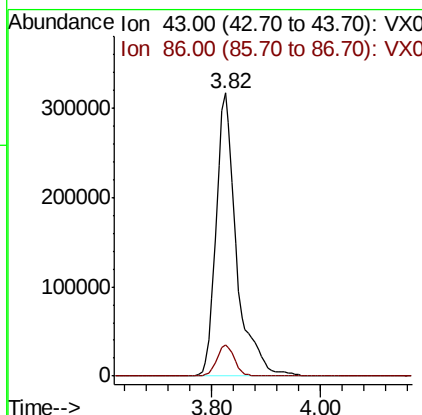
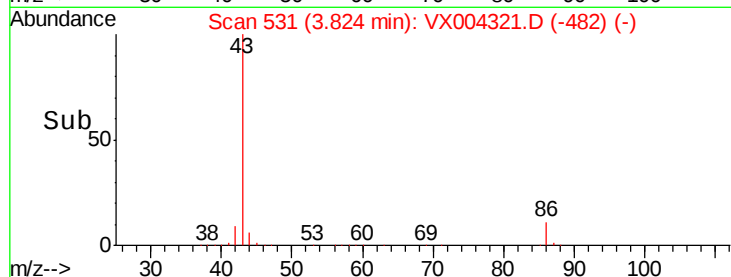
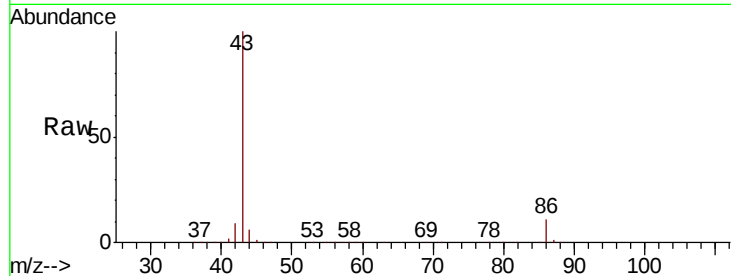




#23
 Vinyl Acetate
 Concen: 92.42 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

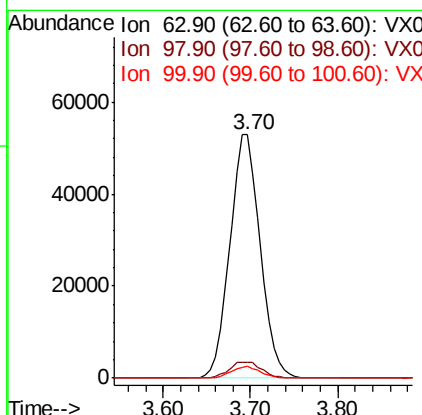
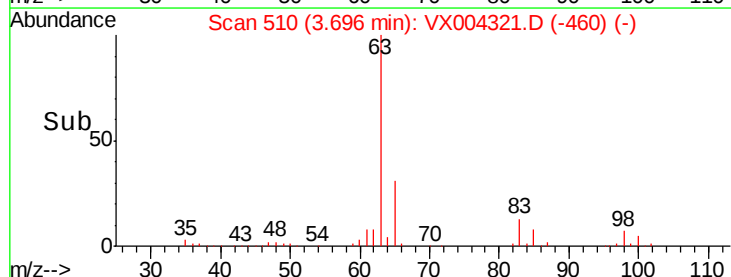
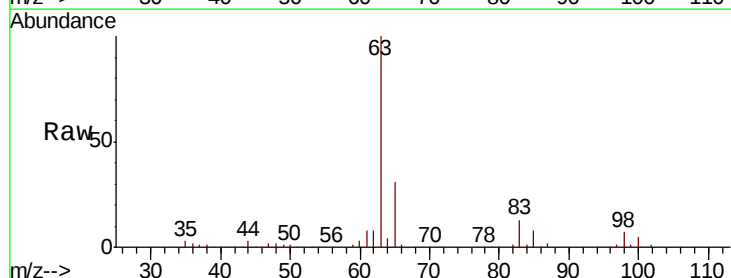
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

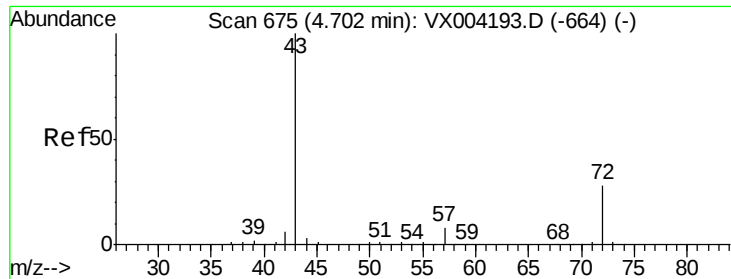
Tot Ion: 43 Resp: 824991
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 19.86 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Tgt Ion: 63 Resp: 127489
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 101.03 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

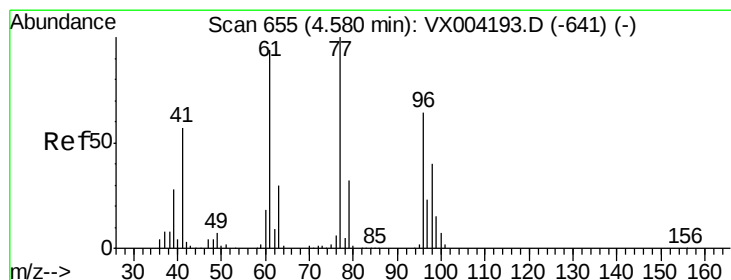
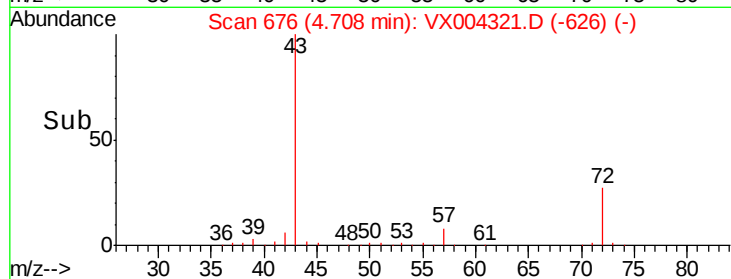
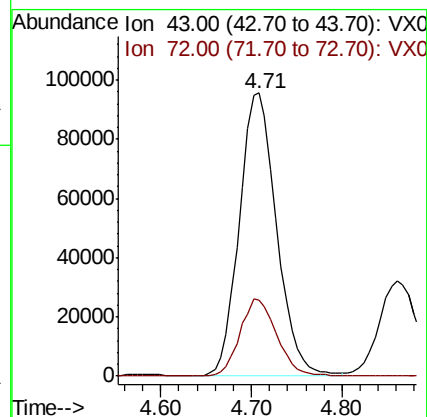
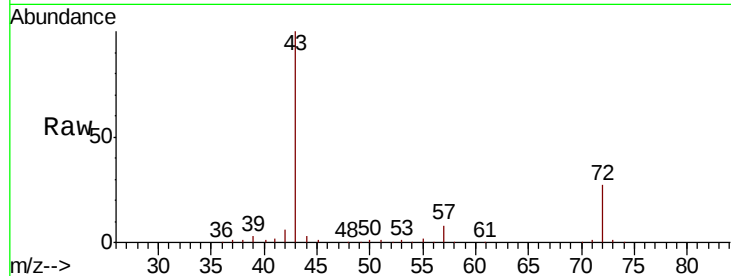
VX0830MBS01

Tot Ion: 43 Resp: 271900

Ion Ratio Lower Upper

43 100

72 27.0 22.0 33.0



#26

2,2-Dichloropropane

Concen: 18.23 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004321.D

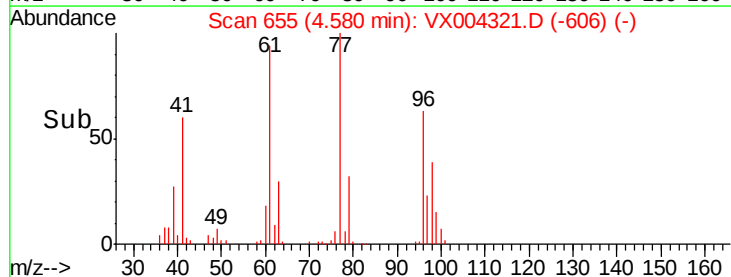
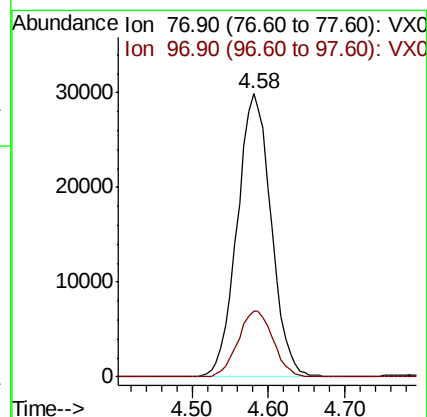
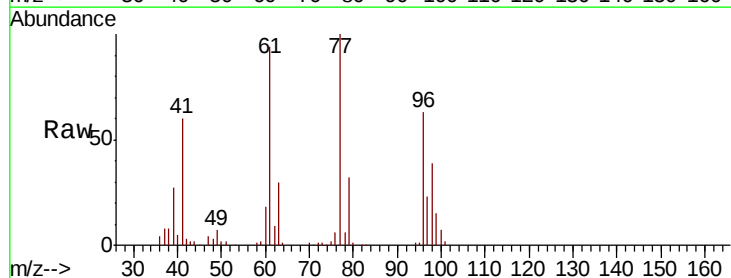
Acq: 30 Aug 2018 14:29

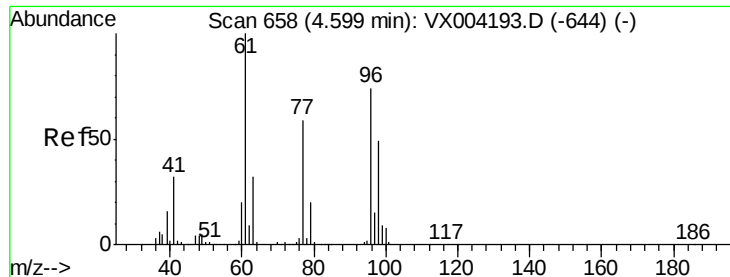
Tgt Ion: 77 Resp: 91787

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.0



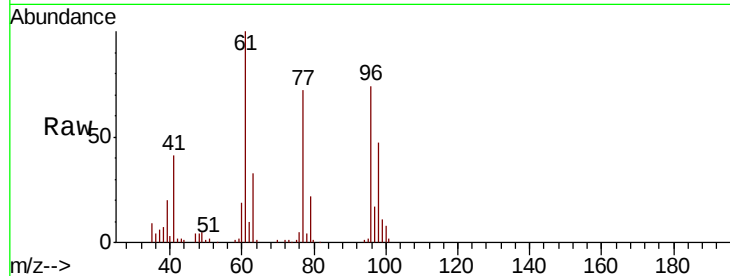


#27

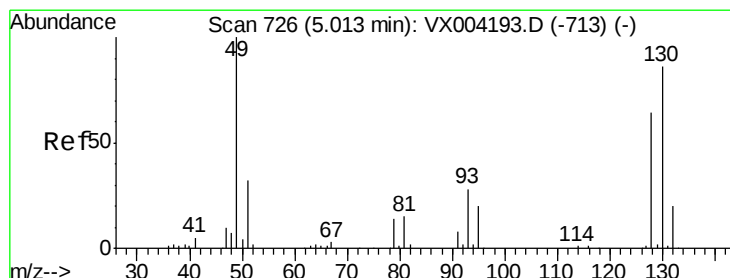
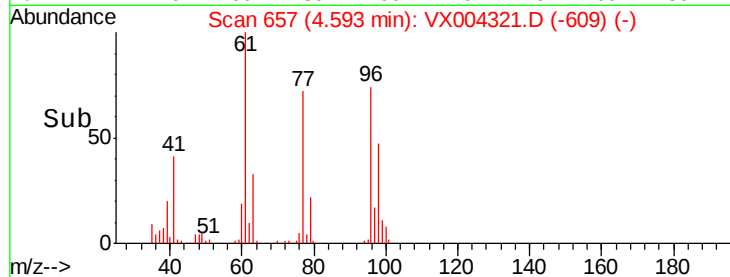
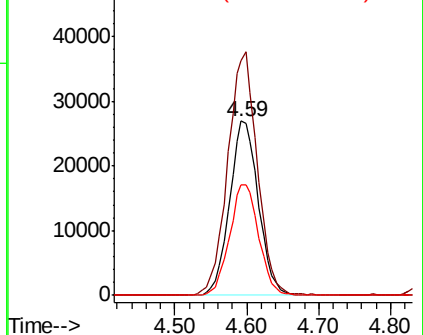
cis-1,2-Dichloroethene
 Concen: 18.52 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	282.6
98	64.5	0.0	130.2



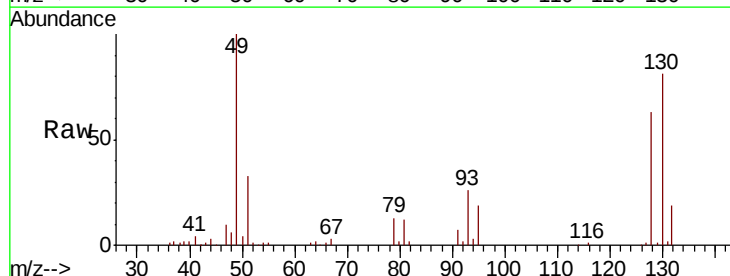
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



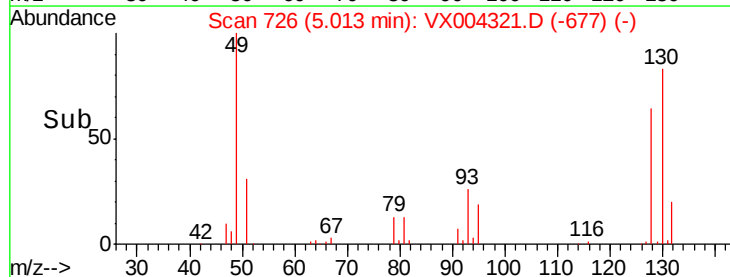
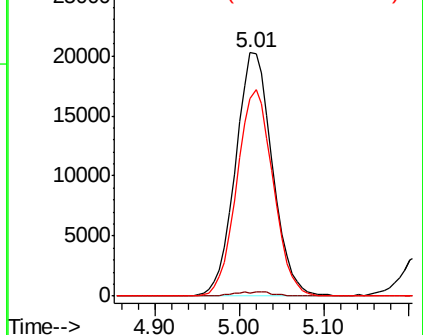
#28

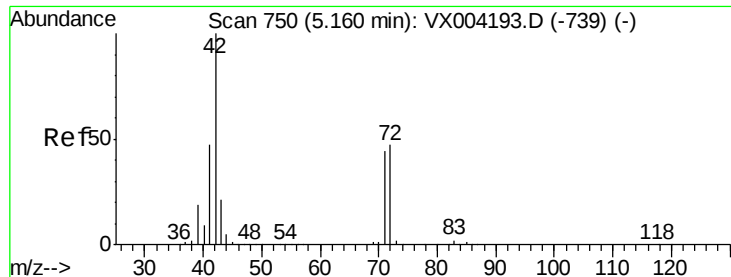
Bromochloromethane
 Concen: 21.15 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	83.1	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: 99.74 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

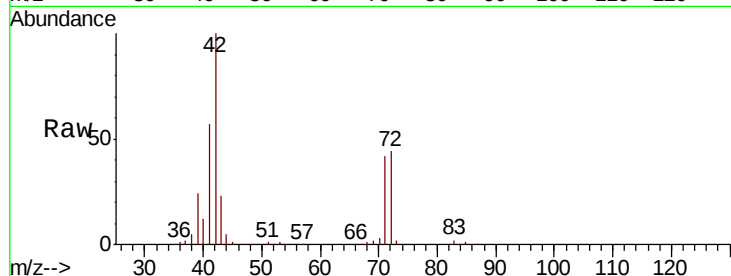
Tot Ion: 42 Resp: 169273

Ion Ratio Lower Upper

42 100

72 45.5 37.4 56.0

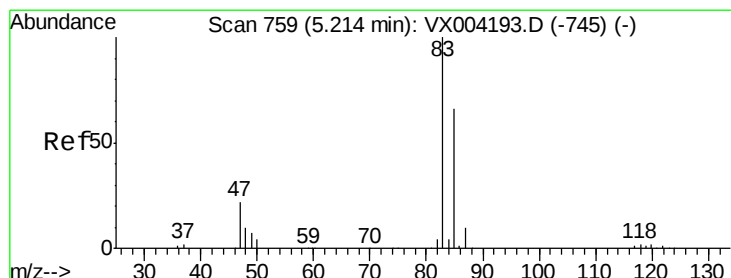
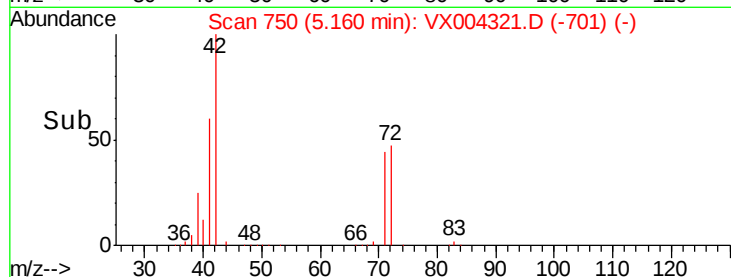
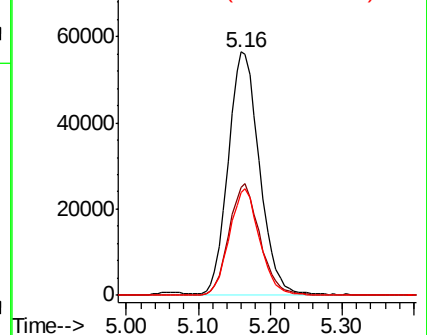
71 42.9 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.49 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004321.D

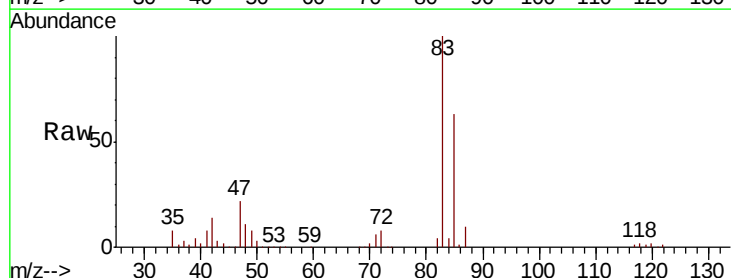
Acq: 30 Aug 2018 14:29

Tgt Ion: 83 Resp: 125415

Ion Ratio Lower Upper

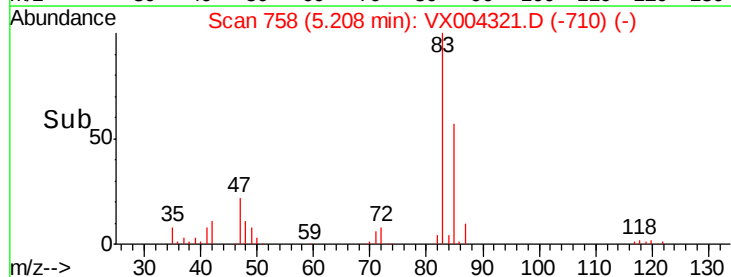
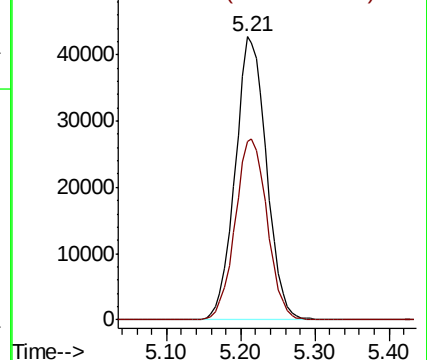
83 100

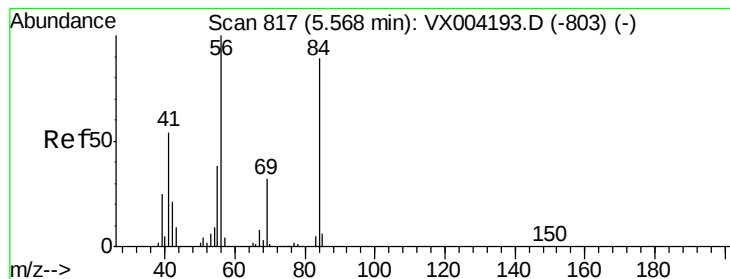
85 63.0 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cvclohexane

Concen: 18.46 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

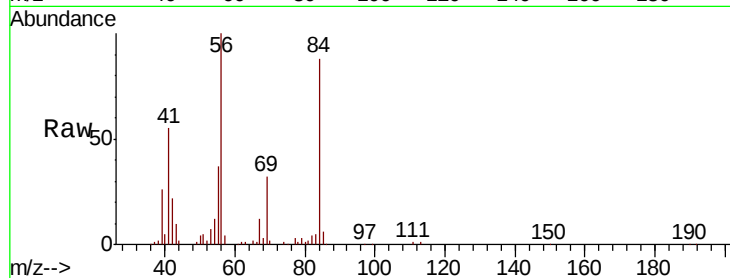
Tot Ion: 56 Resp: 102237

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.2

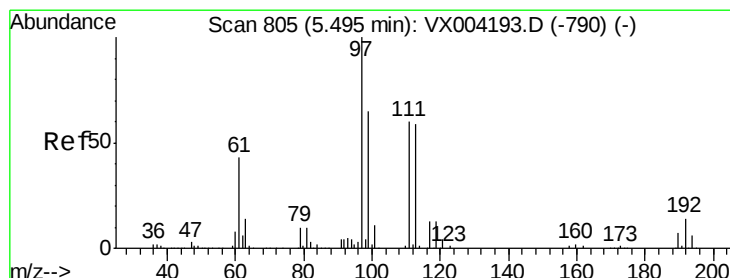
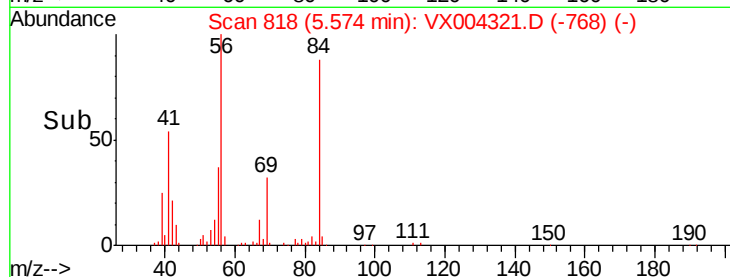
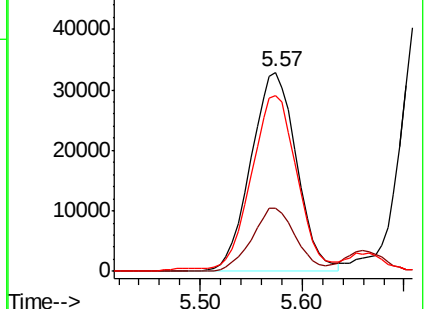
84 86.5 71.4 107.2



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: 19.00 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

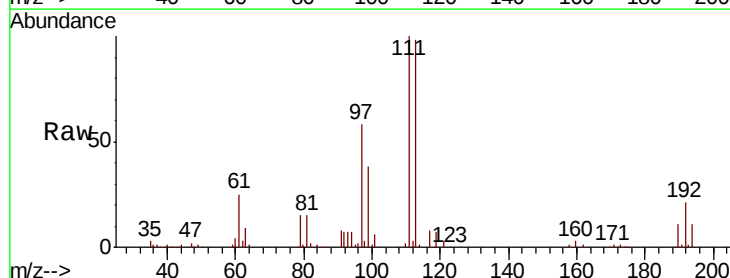
Tgt Ion: 97 Resp: 101944

Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

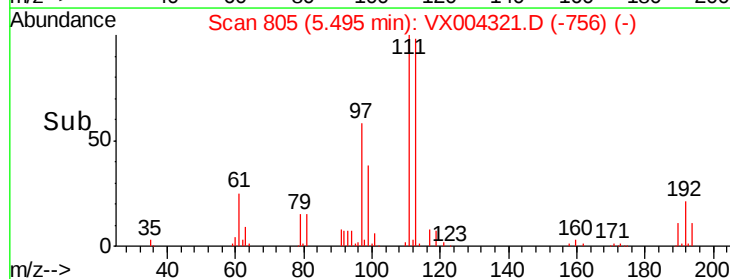
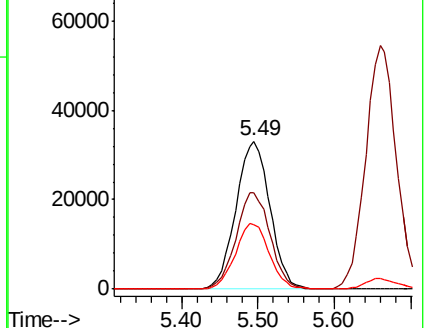
61 44.5 34.9 52.3

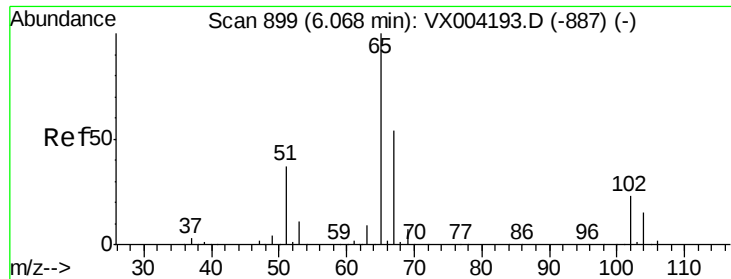


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

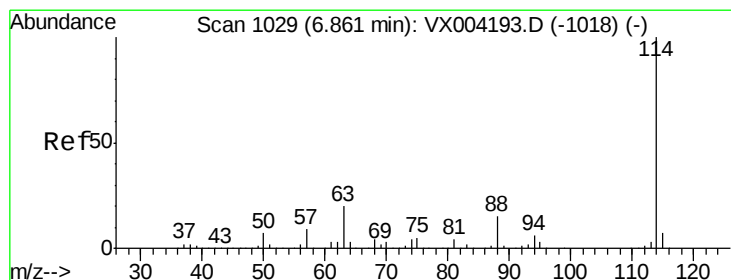
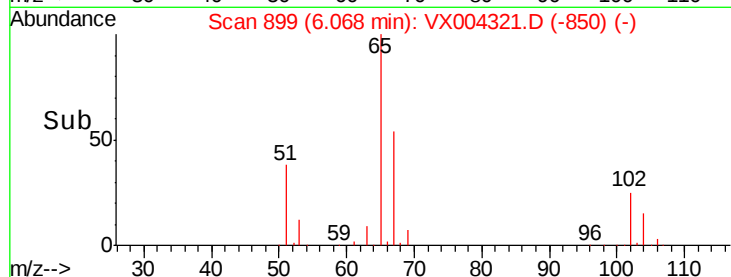
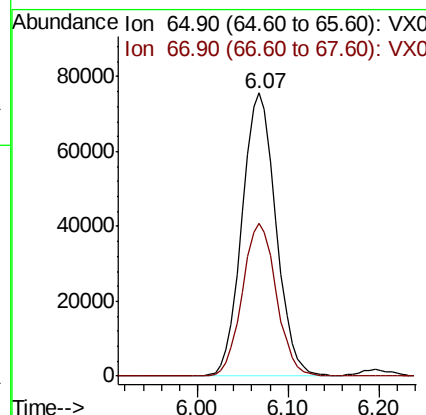
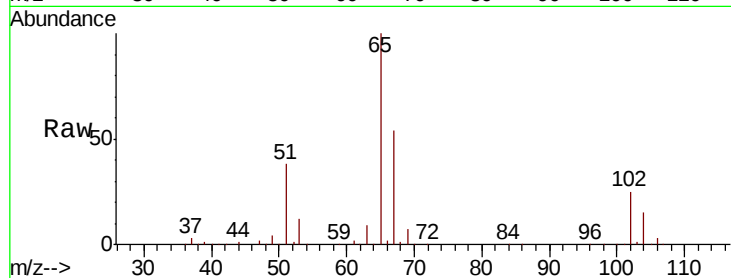




#33
 1,2-Dichloroethane-d4
 Concen: 49.62 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

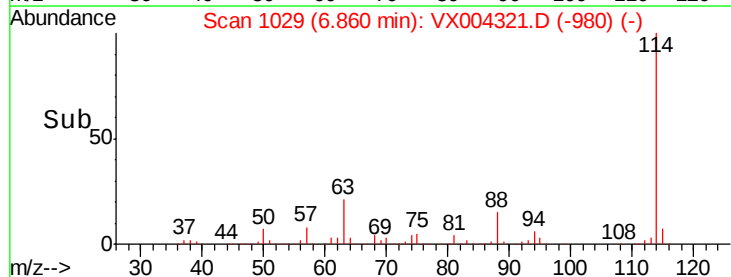
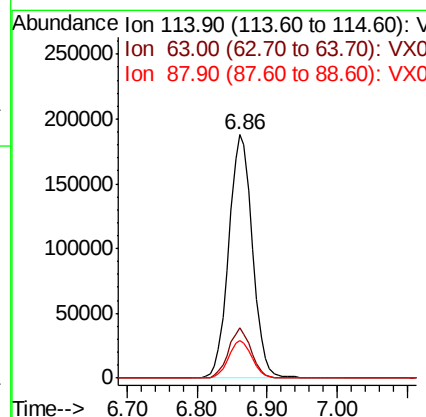
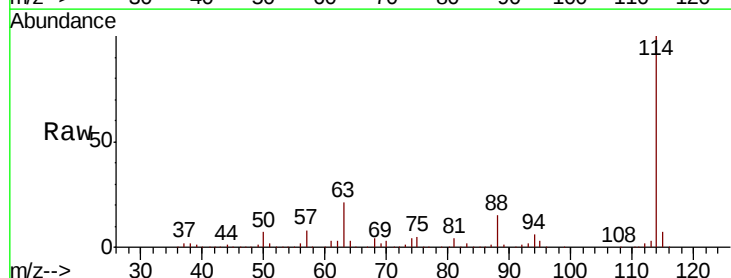
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

Tot Ion: 65 Resp: 196001
 Ion Ratio Lower Upper
 65 100
 67 54.1 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: VX004321.D
 Acq: 30 Aug 2018 14:29

Tgt Ion: 114 Resp: 440313
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.0
 88 15.5 0.0 30.4

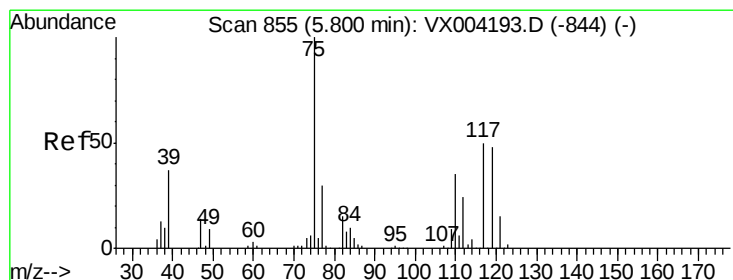
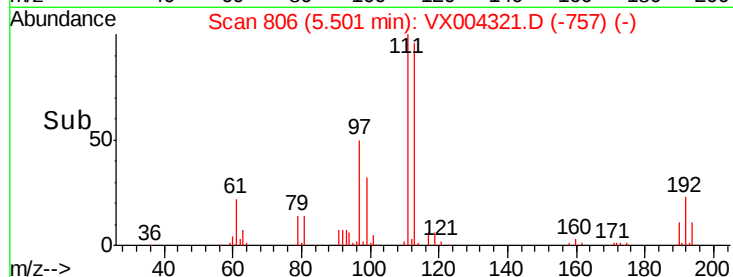
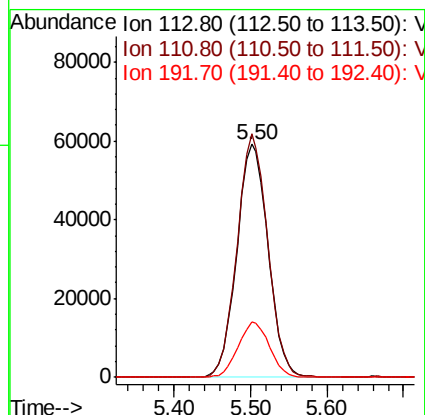
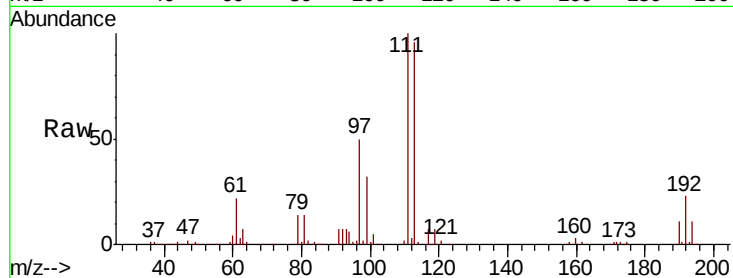




#35
 Dibromofluoromethane
 Concen: 51.20 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

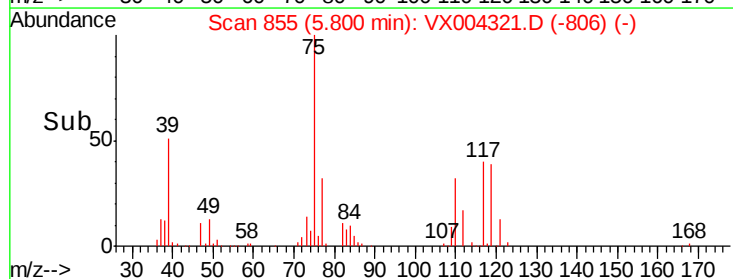
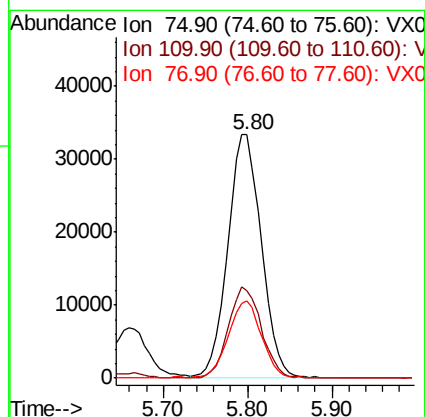
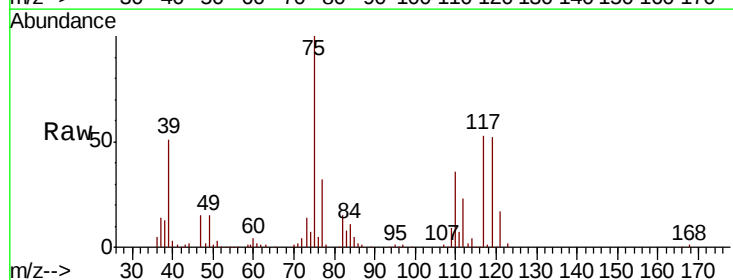
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	23.7	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 18.20 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.0	54.0
77	31.6	24.6	36.8

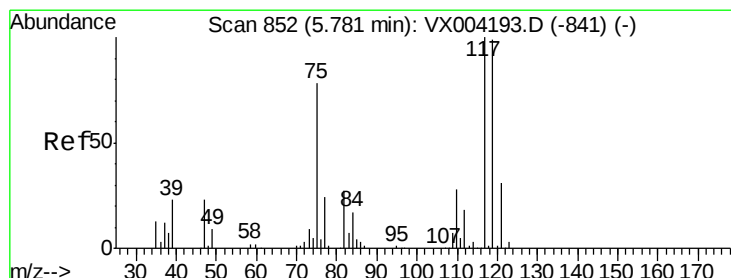
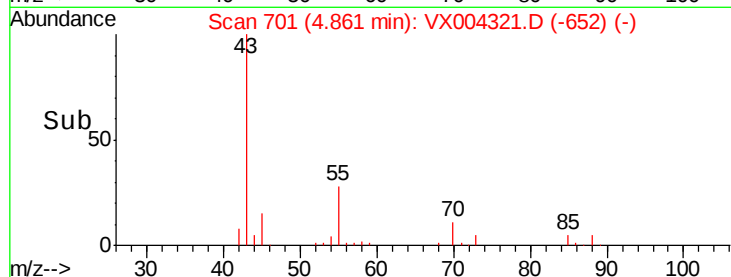
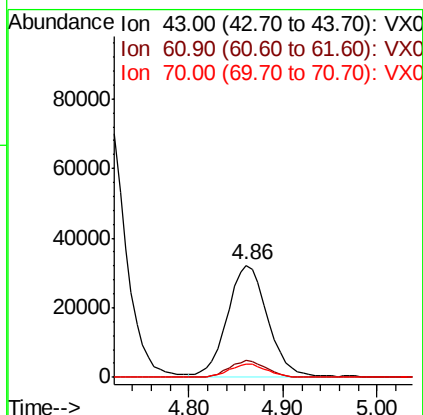
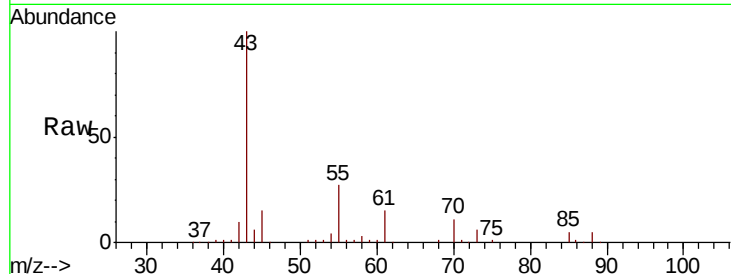




#37
Ethyl Acetate
Concen: 19.43 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

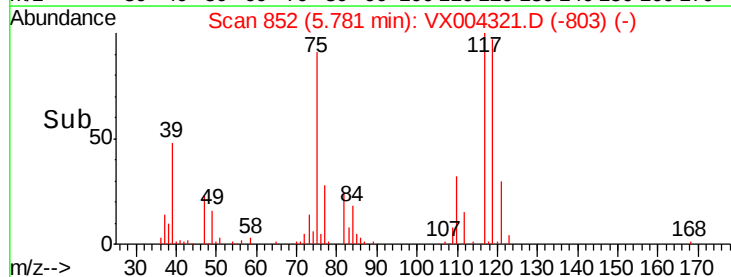
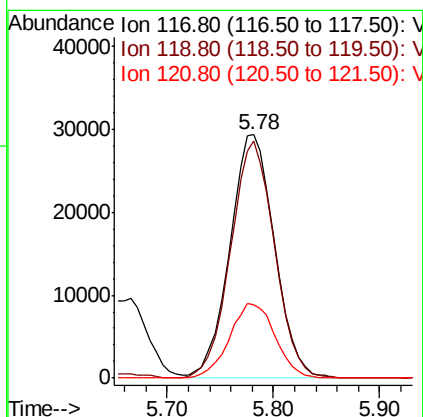
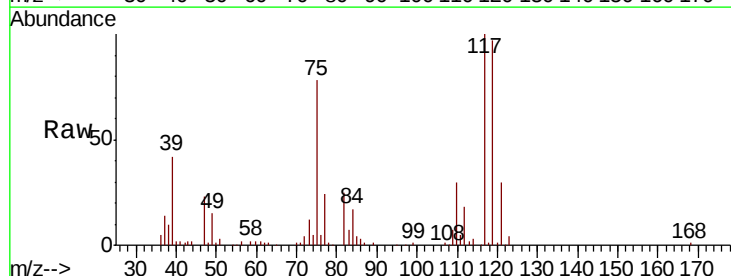
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

Tot Ion: 43 Resp: 94601
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 11.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.55 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

Tgt Ion: 117 Resp: 86372
Ion Ratio Lower Upper
117 100
119 97.0 78.8 118.2
121 30.3 24.9 37.3

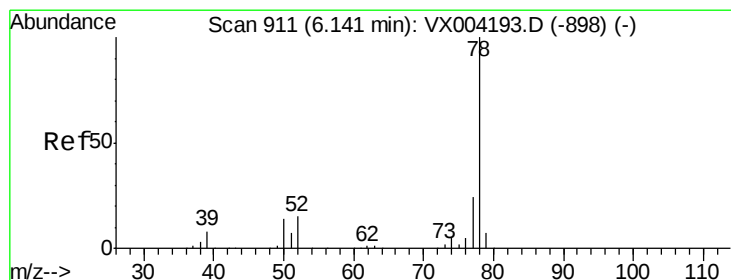
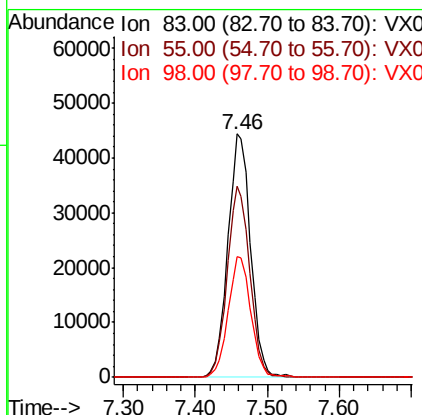
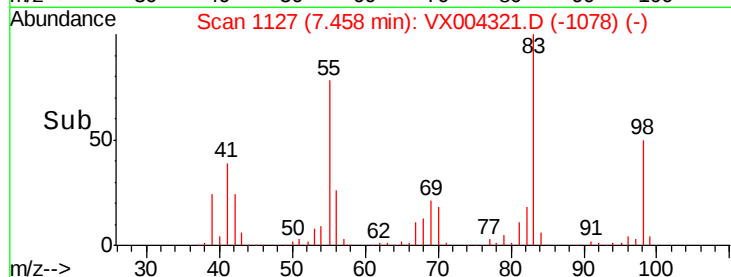
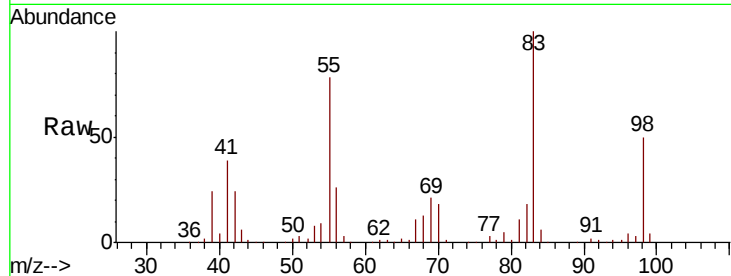




#39
Methvlcvclohexane
Concen: 17.25 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

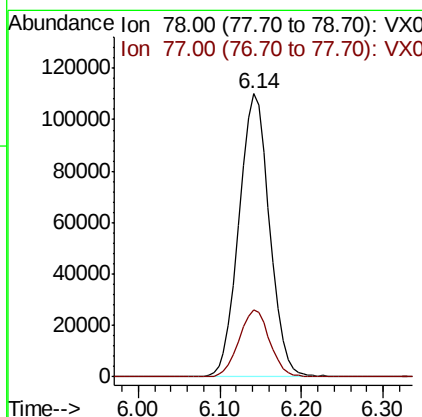
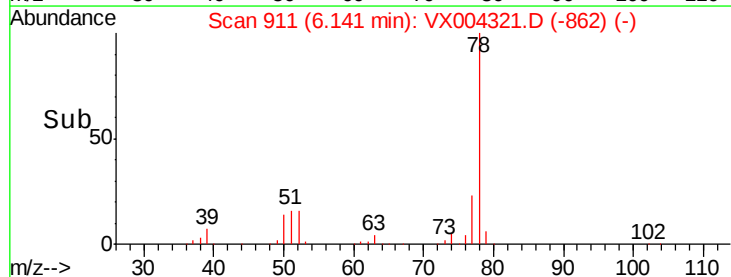
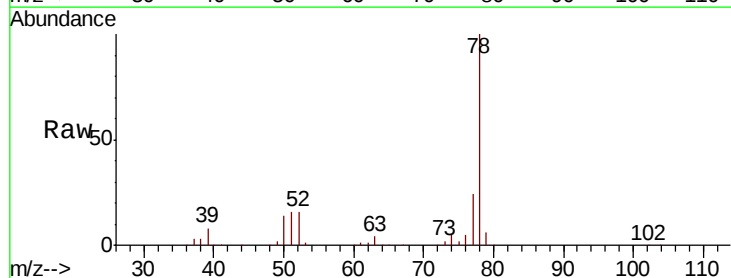
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

Tot Ion	83.00	Resp	97509
Ion	Ratio	Lower	Upper
83	100		
55	78.4	61.0	91.4
98	49.6	39.6	59.4



#40
Benzene
Concen: 19.36 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

Tgt Ion	78.00	Resp	286330
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4

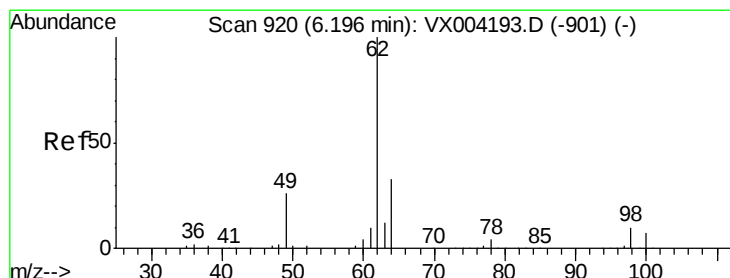
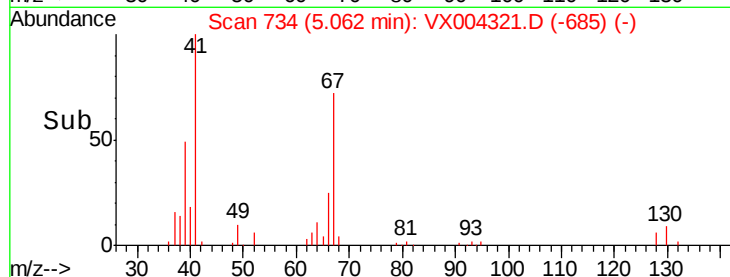
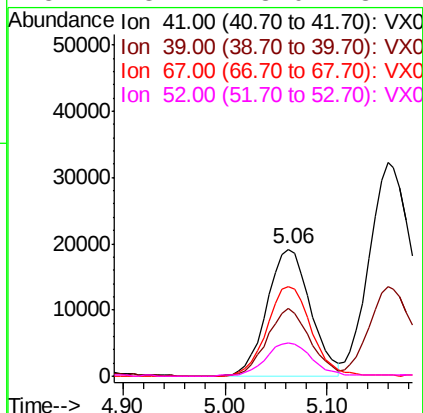
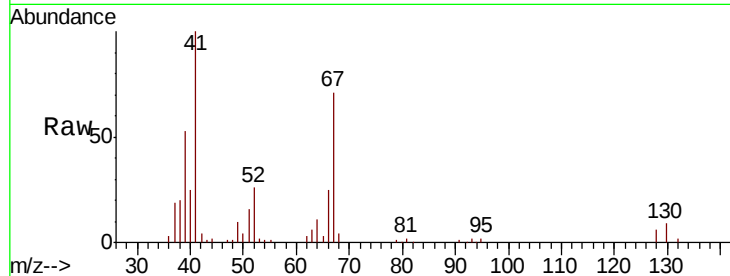




#41
Methacrylonitrile
Concen: 20.17 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

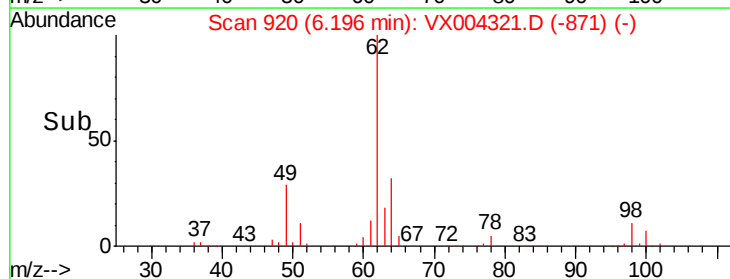
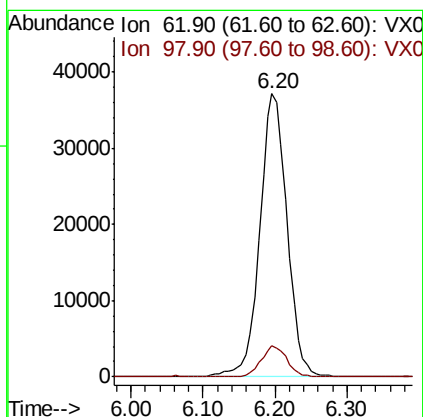
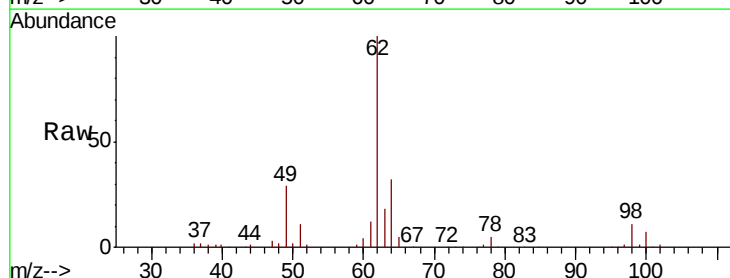
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

Tot Ion:	41	Resp:	56913
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.4	63.6
67	72.3	59.2	88.8
52	28.4	23.0	34.4



#42
1,2-Dichloroethane
Concen: 19.34 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

Tgt Ion:	62	Resp:	97553
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6



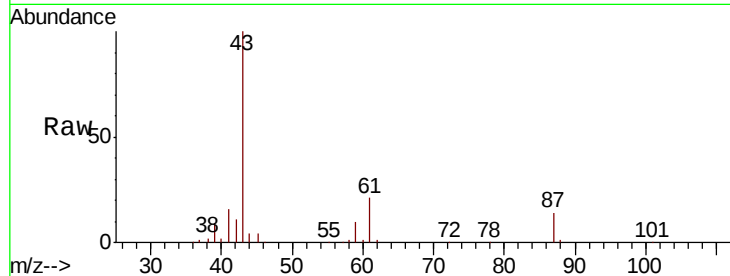


#43

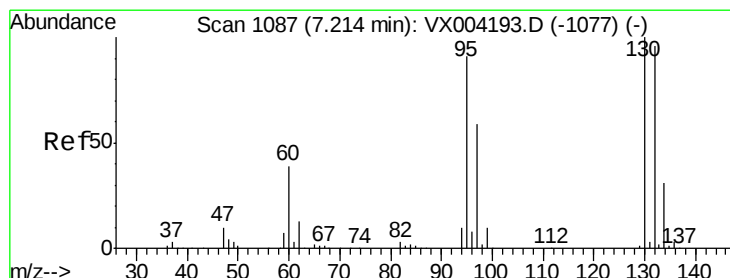
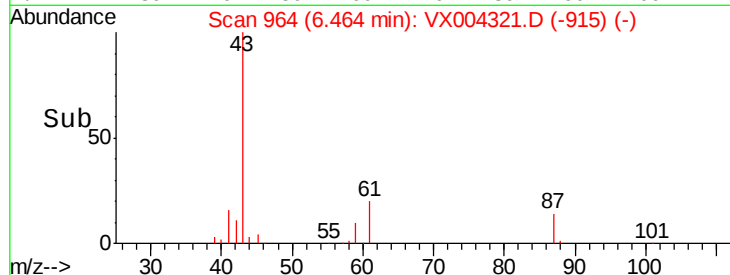
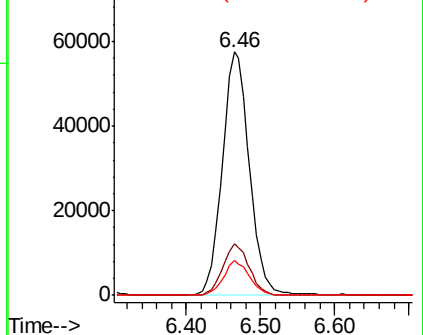
Isopropyl Acetate
 Concen: 19.35 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

Tot Ion: 43 Resp: 144751
 Ion Ratio Lower Upper
 43 100
 61 20.8 17.0 25.4
 87 13.9 11.4 17.2



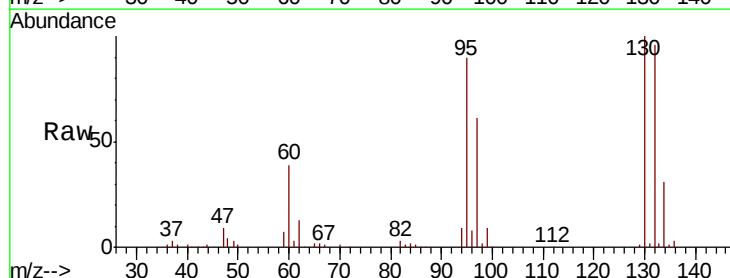
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



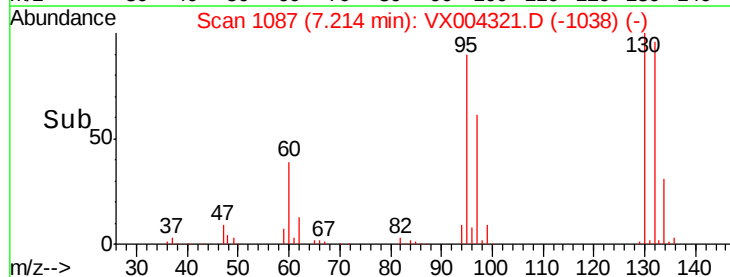
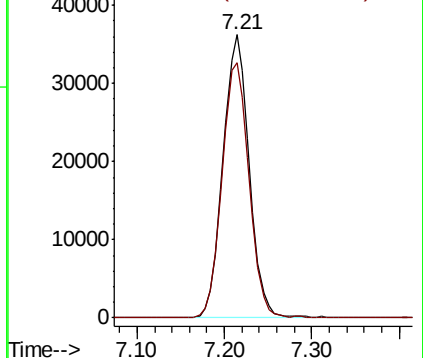
#44

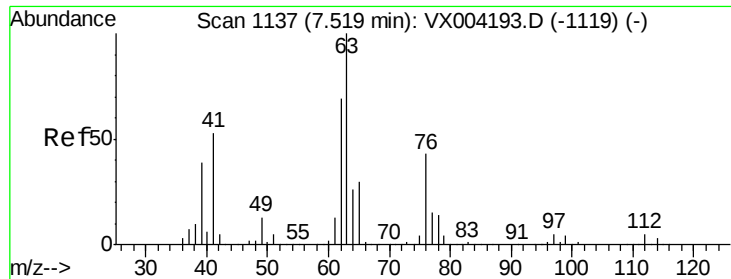
Trichloroethene
 Concen: 18.42 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Tgt Ion:130 Resp: 75426
 Ion Ratio Lower Upper
 130 100
 95 90.3 0.0 181.6



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

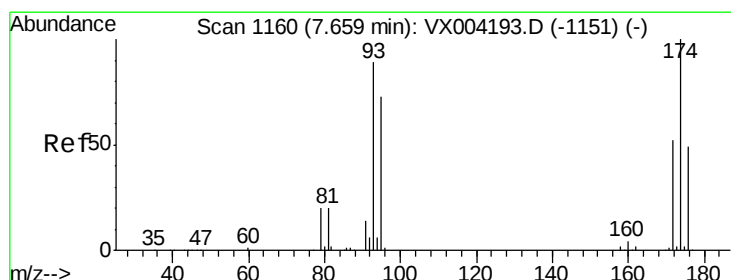
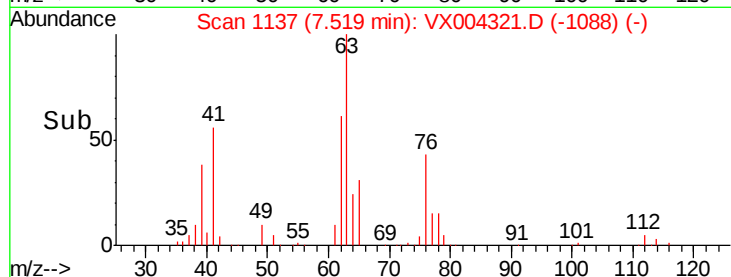
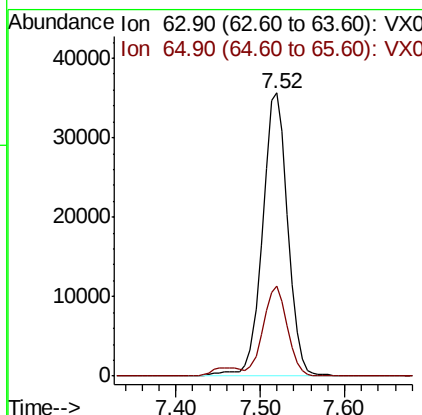
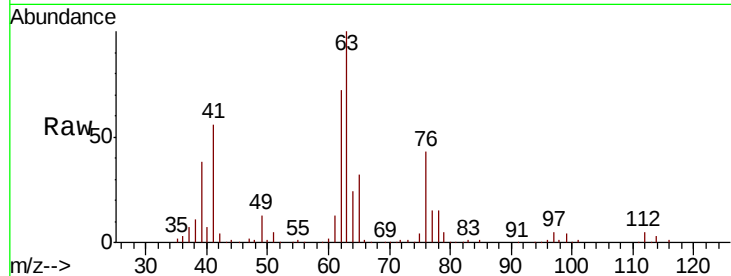




#45
 1,2-Dichloropropane
 Concen: 19.89 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

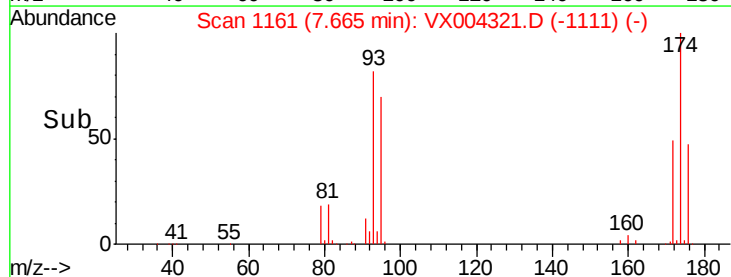
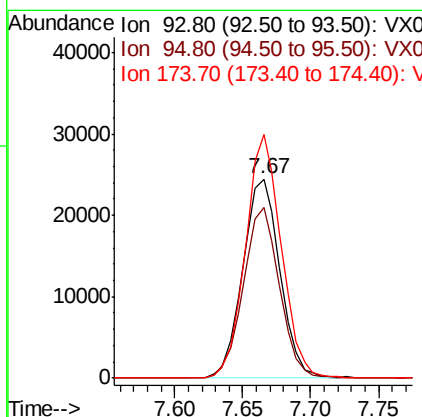
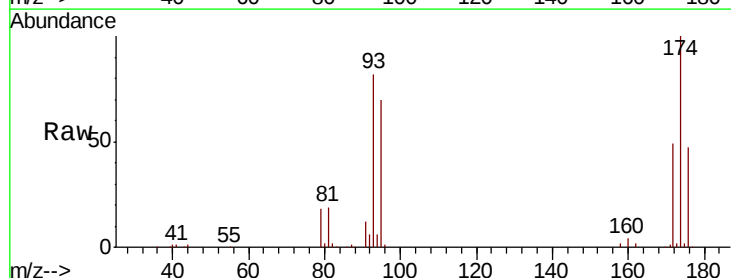
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

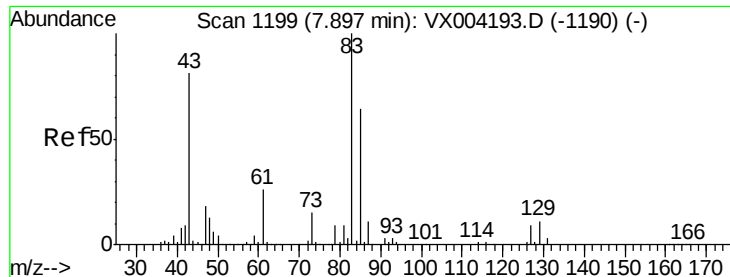
Tot Ion: 63 Resp: 73621
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.3 36.5



#46
 Dibromomethane
 Concen: 18.97 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Tgt Ion: 93 Resp: 46759
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.5 98.3
 174 117.9 94.2 141.4





#47

Bromodichloromethane

Concen: 19.10 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

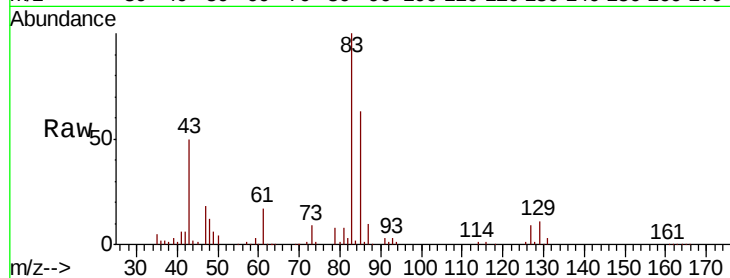
Tot Ion: 83 Resp: 87588

Ion Ratio Lower Upper

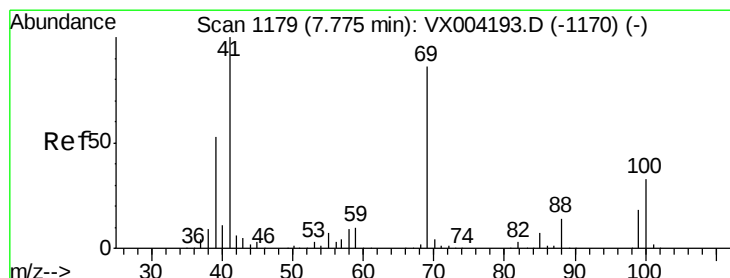
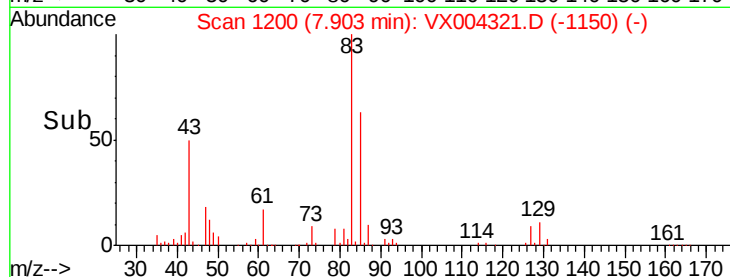
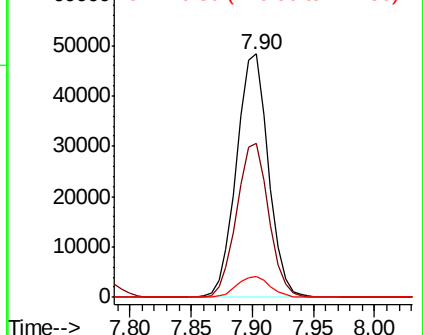
83 100

85 63.2 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: 19.49 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

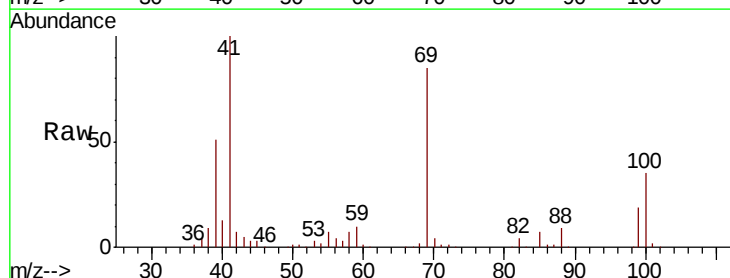
Tgt Ion: 41 Resp: 78033

Ion Ratio Lower Upper

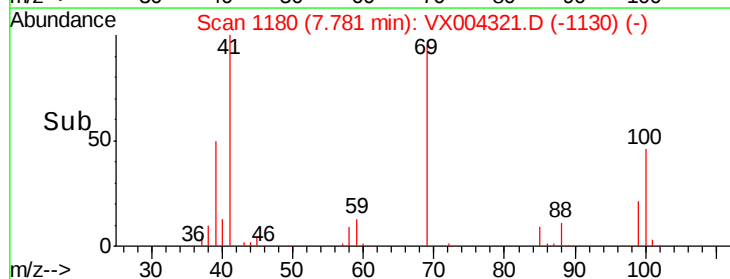
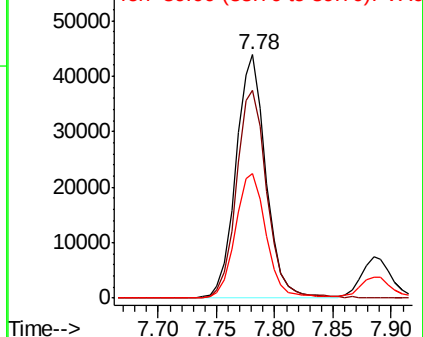
41 100

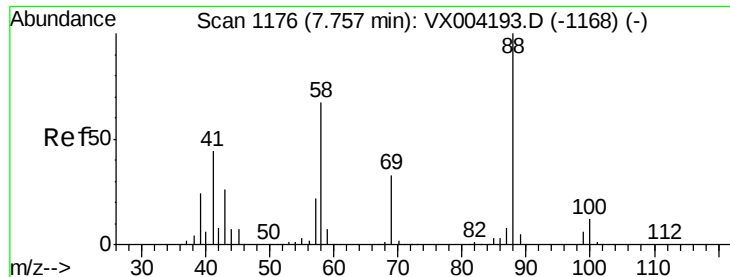
69 87.8 70.2 105.4

39 53.1 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

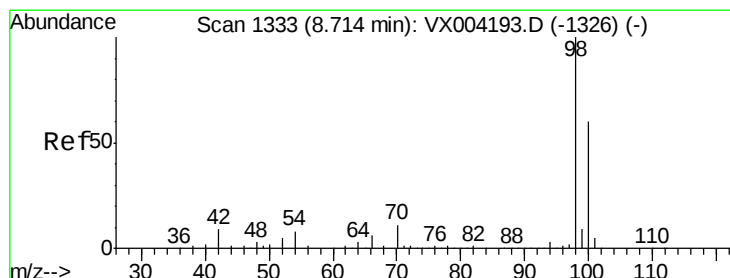
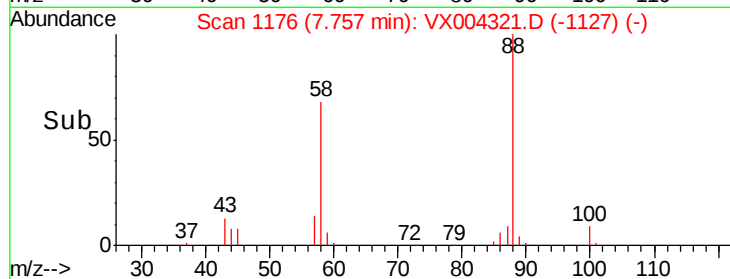
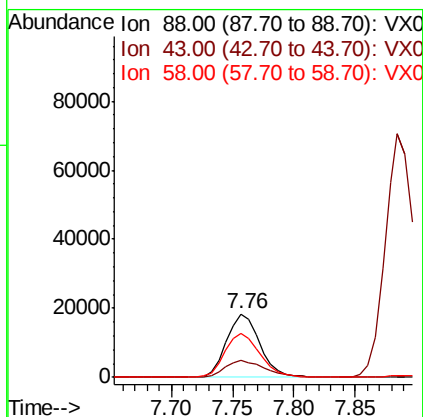
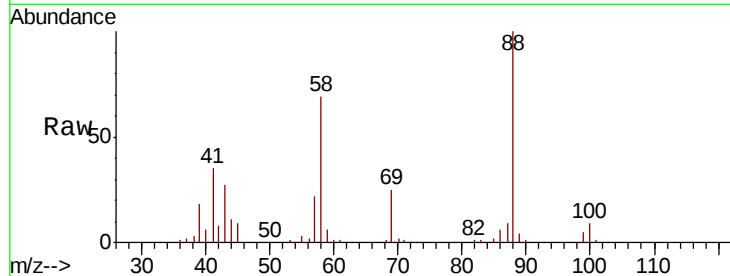




#49
1,4-Dioxane
Concen: 383.55 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

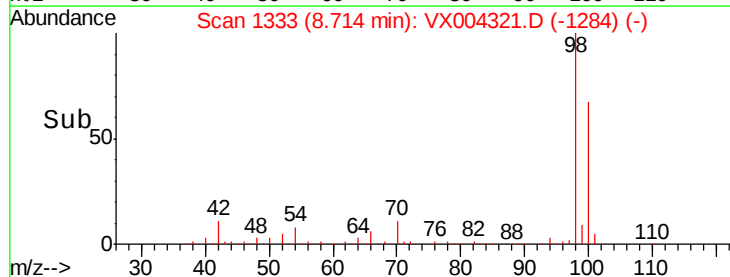
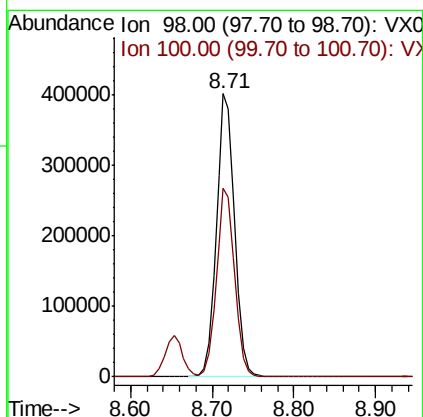
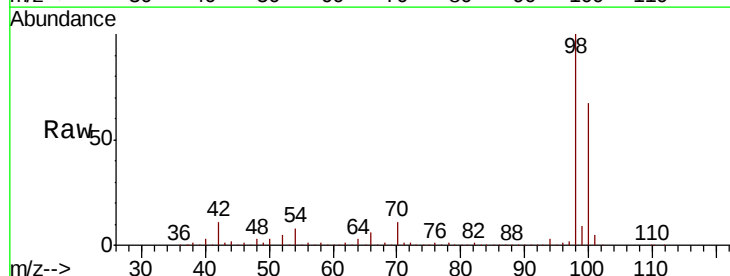
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

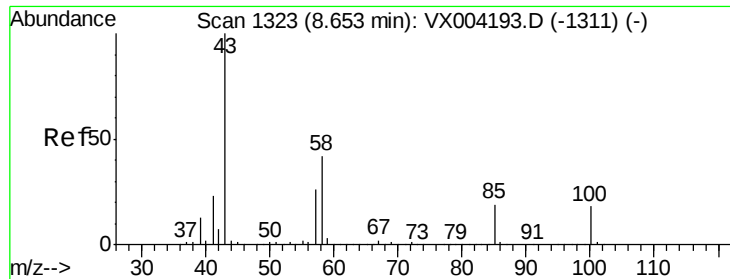
Tot Ion: 88 Resp: 34857
Ion Ratio Lower Upper
88 100
43 31.2 24.7 37.1
58 72.6 55.3 82.9



#50
Toluene-d8
Concen: 50.72 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

Tgt Ion: 98 Resp: 627153
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 96.85 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

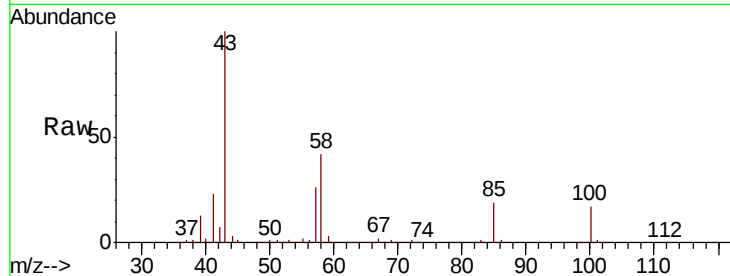
VX0830MBS01

Tot Ion: 43 Resp: 526433

Ion Ratio Lower Upper

43 100

58 40.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

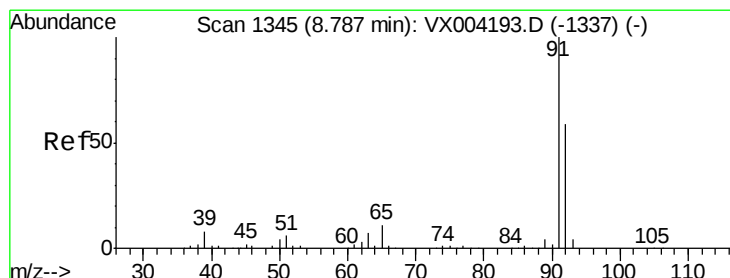
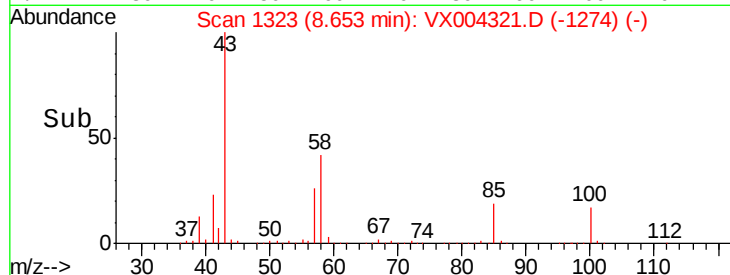
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.48 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004321.D

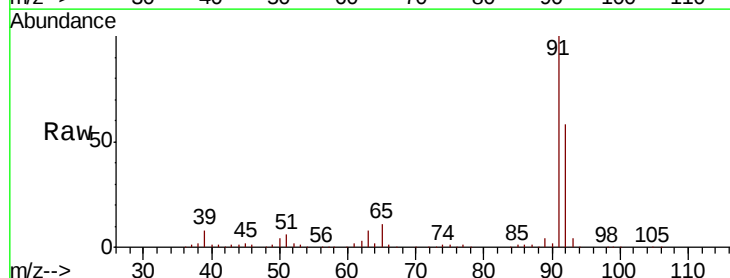
Acq: 30 Aug 2018 14:29

Tgt Ion: 92 Resp: 180338

Ion Ratio Lower Upper

92 100

91 170.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

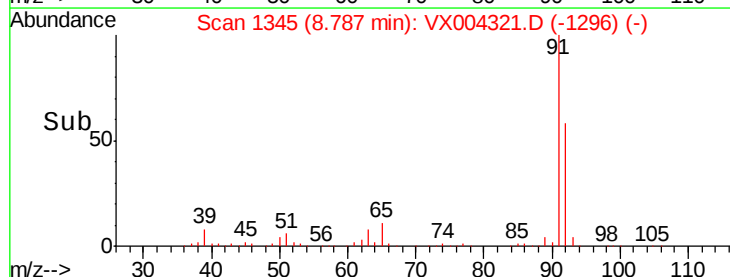
150000

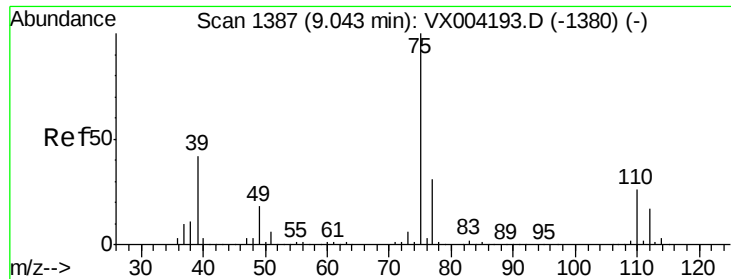
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.48 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

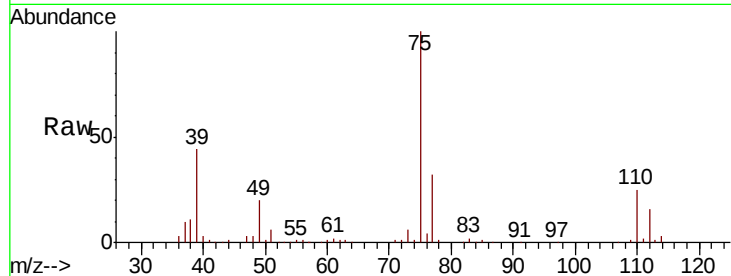
VX0830MBS01

Tot Ion: 75 Resp: 93618

Ion Ratio Lower Upper

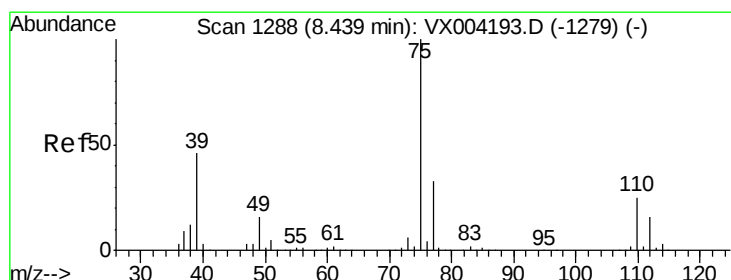
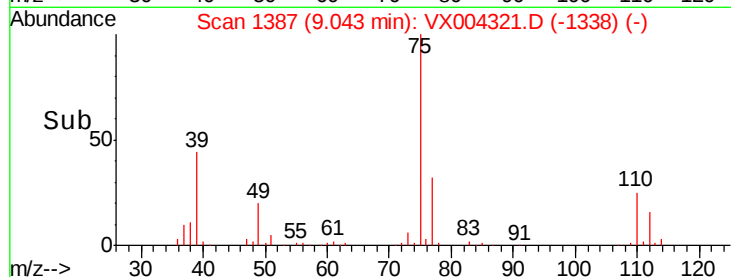
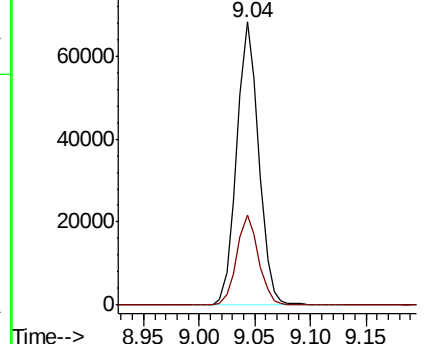
75 100

77 31.7 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: 19.21 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

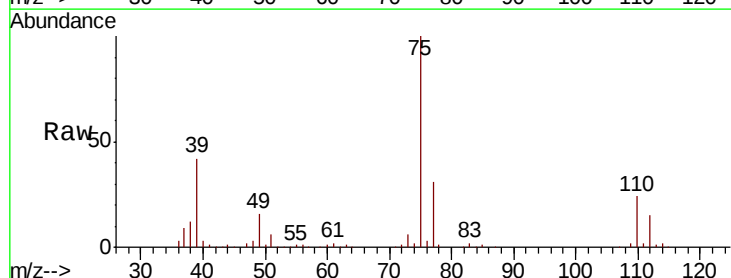
Tgt Ion: 75 Resp: 106007

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

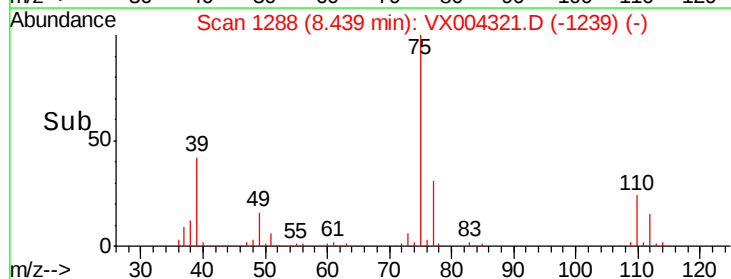
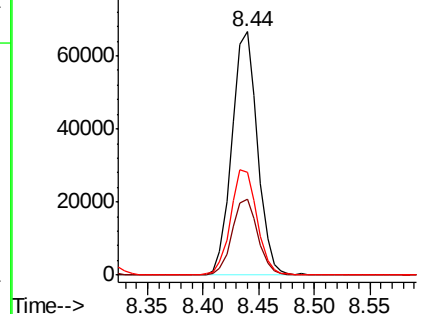
39 42.2 36.4 54.6

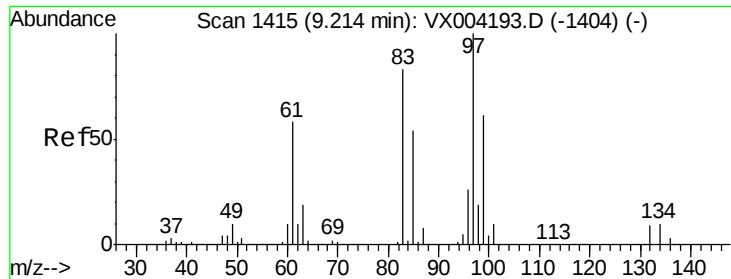


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

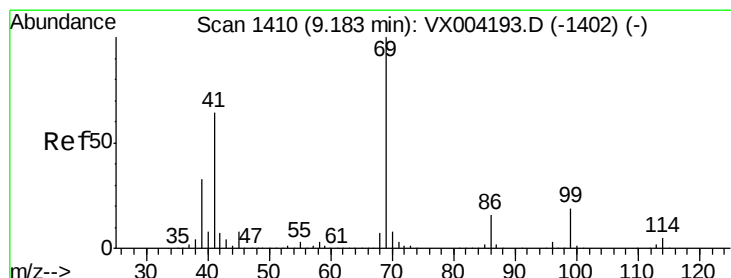
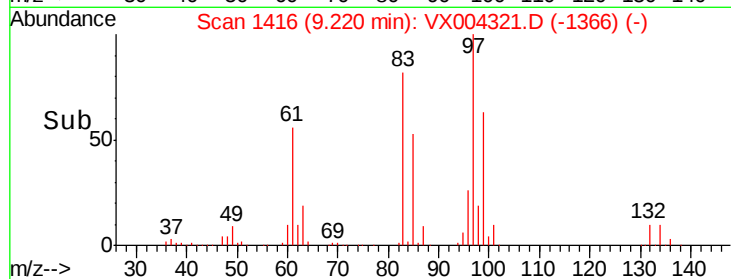
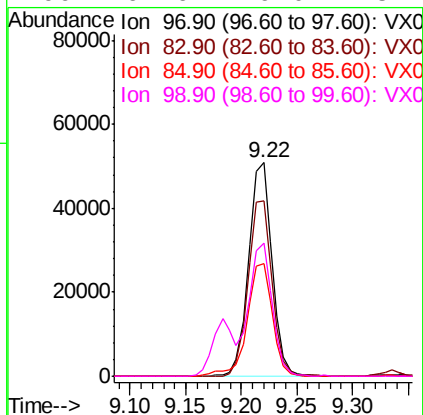
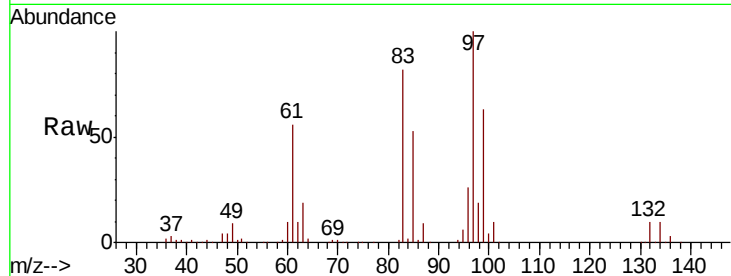




#55
 1,1,2-Trichloroethane
 Concen: 19.91 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

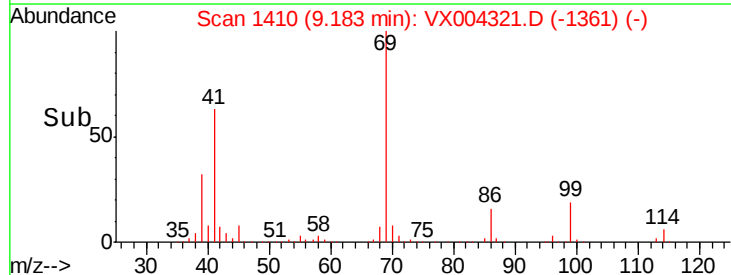
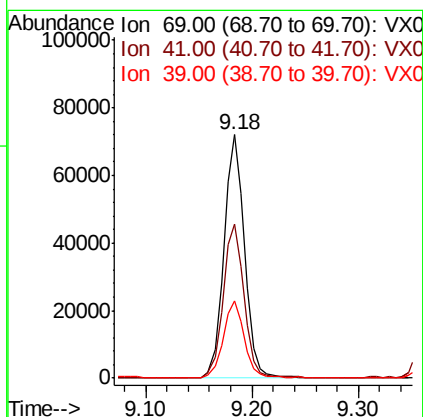
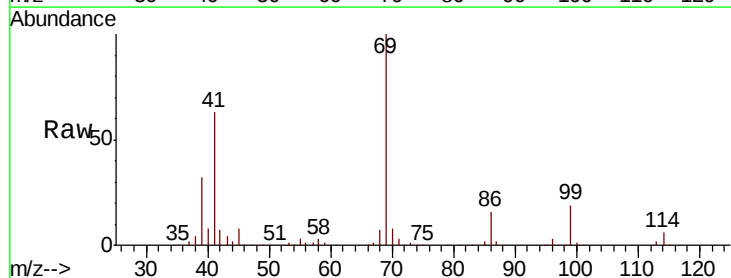
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

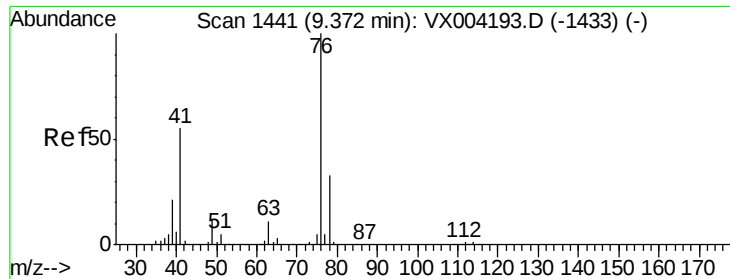
Tot Ion:	97	Resp:	74424
Ion	Ratio	Lower	Upper
97	100		
83	82.2	66.4	99.6
85	52.9	43.3	64.9
99	62.6	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 19.17 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Tgt Ion:	69	Resp:	97531
Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.0	76.4
39	31.9	26.1	39.1





#57

1,3-Dichloropropane

Concen: 19.89 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

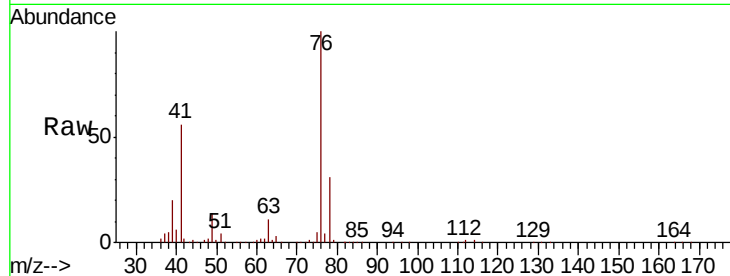
VX0830MBS01

Tot Ion: 76 Resp: 125328

Ion Ratio Lower Upper

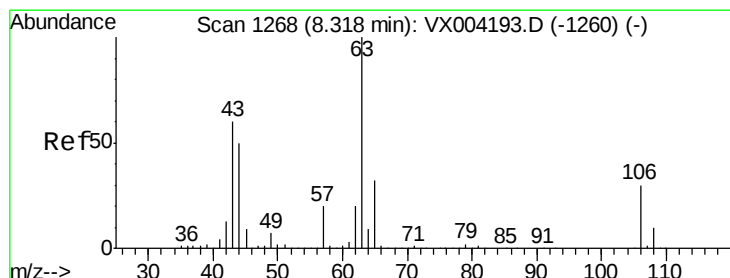
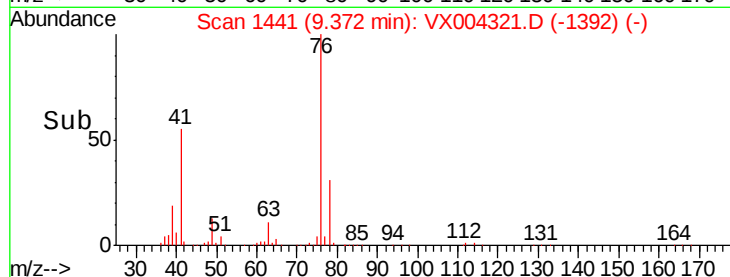
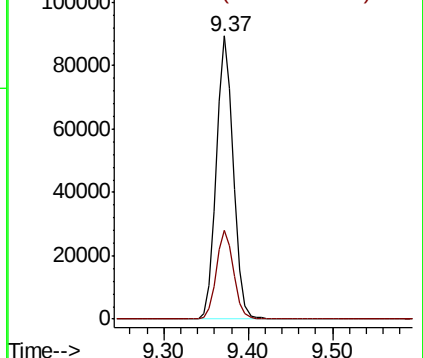
76 100

78 31.8 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: 108.09 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004321.D

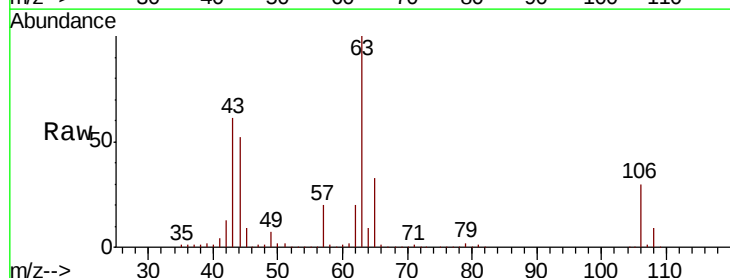
Acq: 30 Aug 2018 14:29

Tgt Ion: 63 Resp: 281795

Ion Ratio Lower Upper

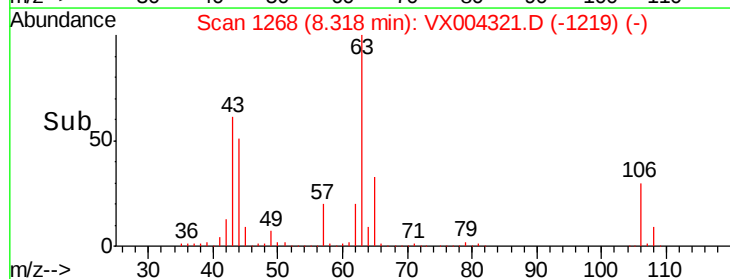
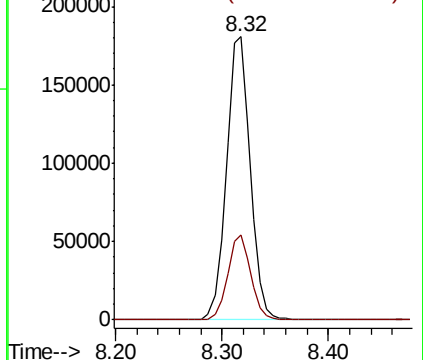
63 100

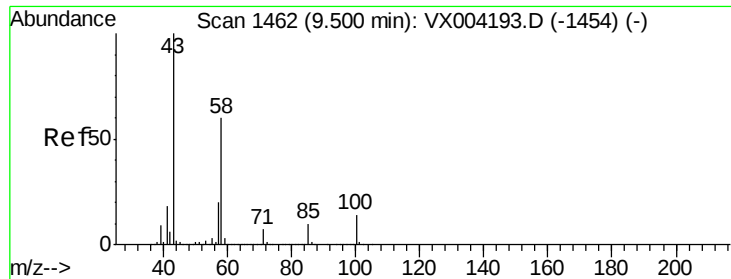
106 29.2 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

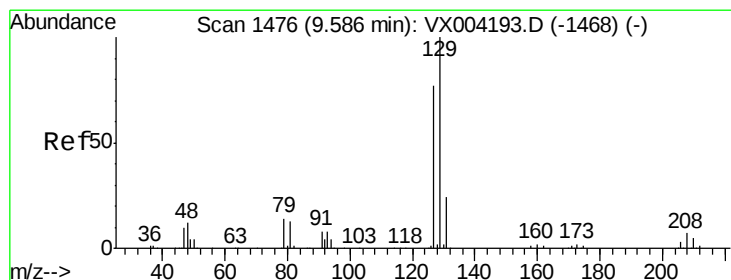
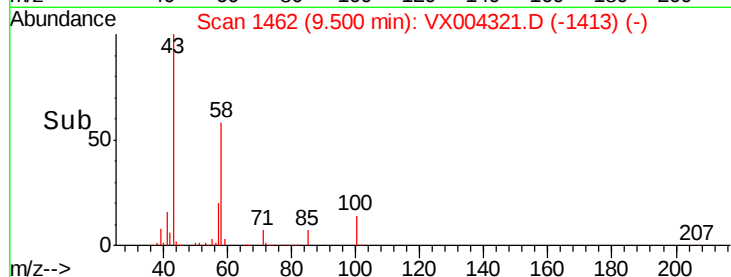
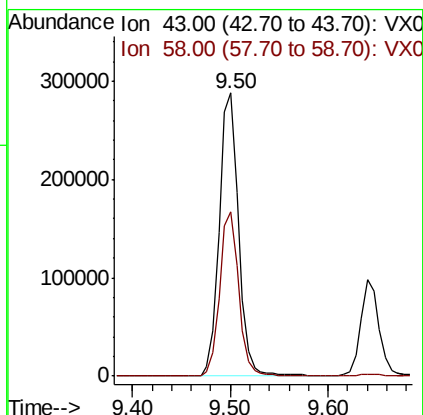
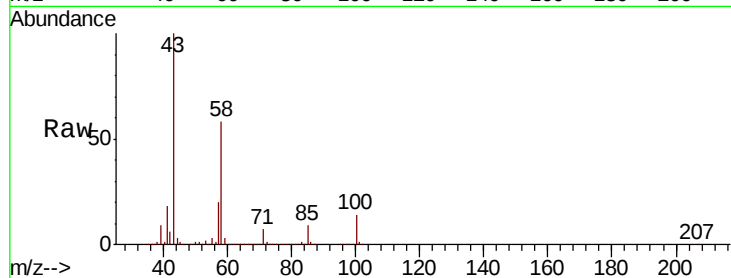




#59
2-Hexanone
Concen: 95.25 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

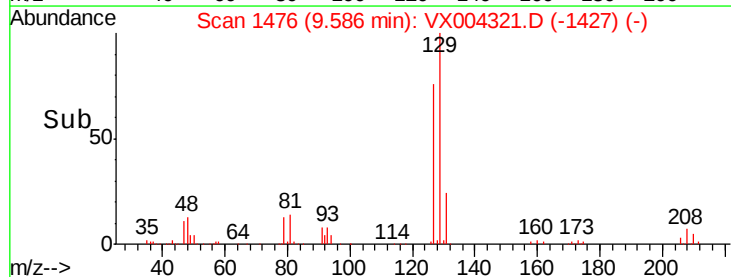
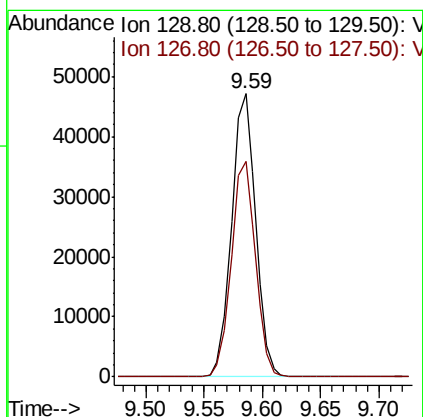
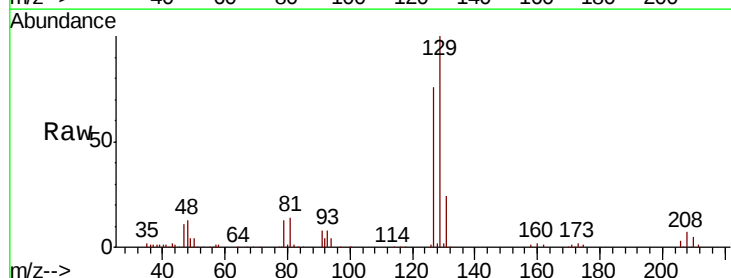
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

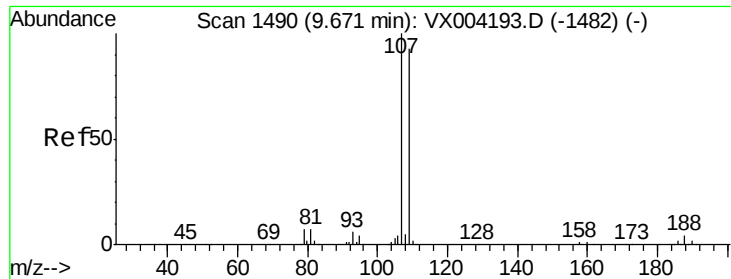
Tot Ion: 43 Resp: 394964
Ion Ratio Lower Upper
43 100
58 57.3 29.0 87.0



#60
Dibromochloromethane
Concen: 18.69 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

Tgt Ion: 129 Resp: 68064
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.29 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

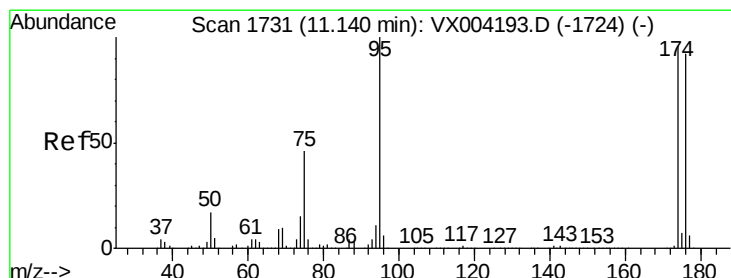
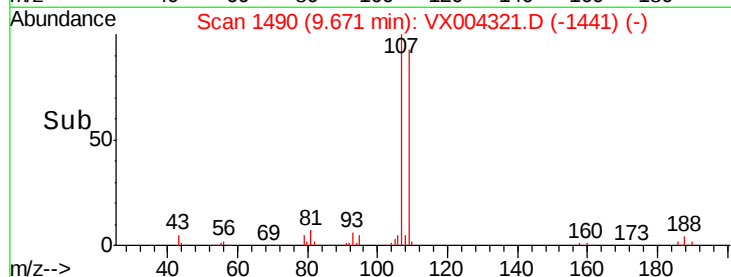
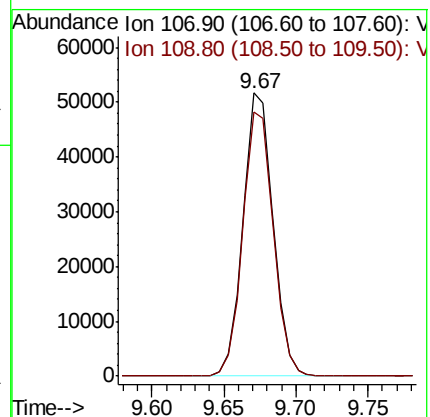
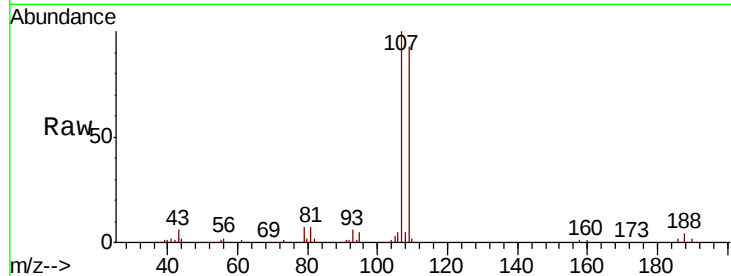
VX0830MBS01

Tot Ion:107 Resp: 74623

Ion Ratio Lower Upper

107 100

109 95.2 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 49.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

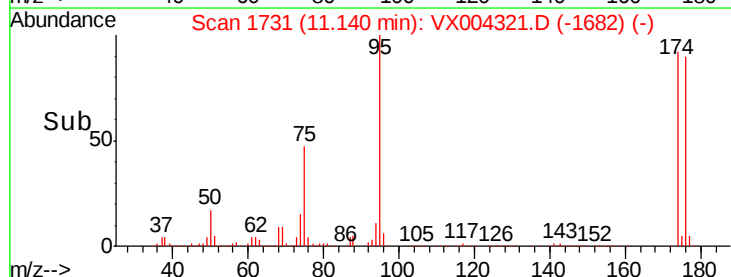
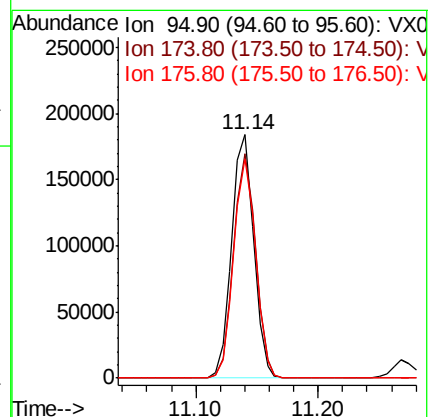
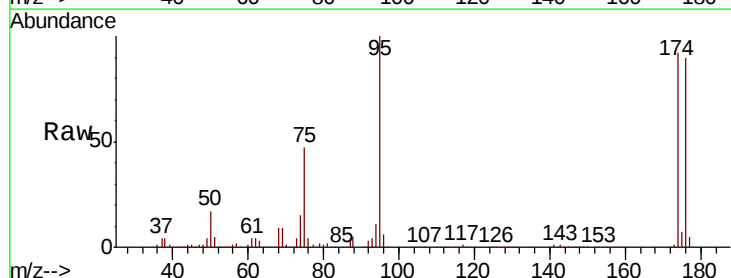
Tgt Ion: 95 Resp: 230589

Ion Ratio Lower Upper

95 100

174 91.8 0.0 185.2

176 89.3 0.0 178.6

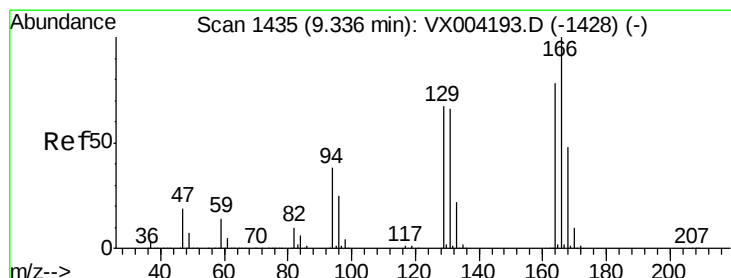
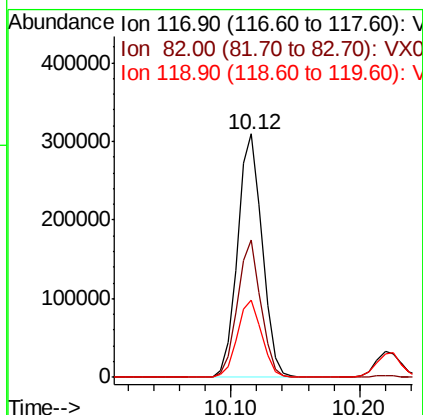
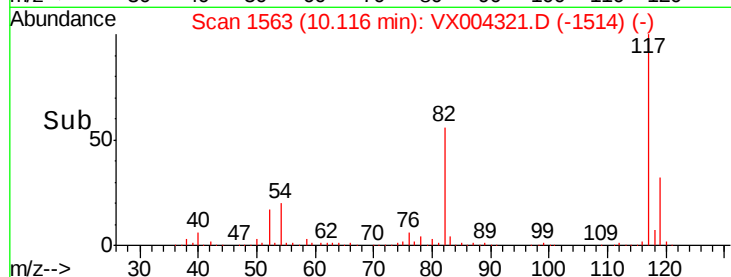
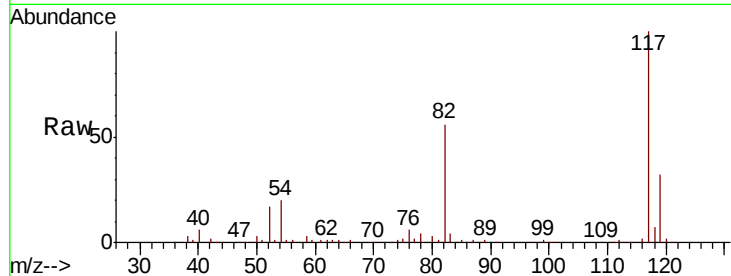




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

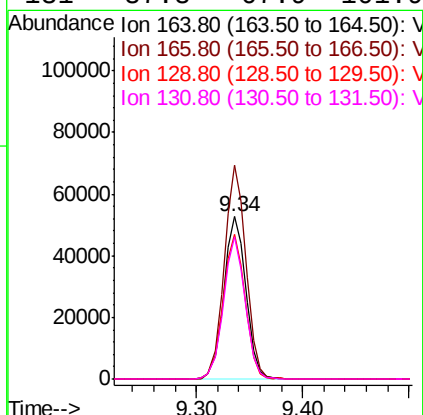
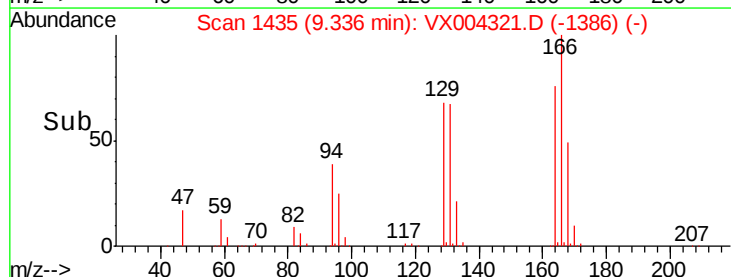
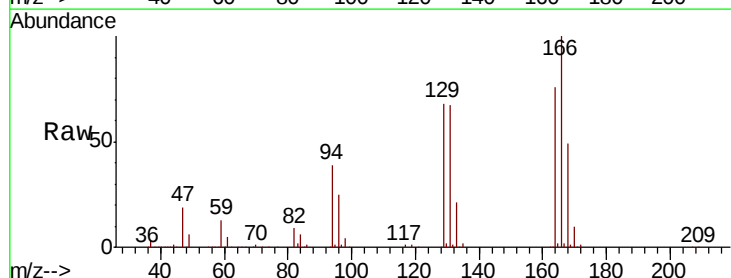
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

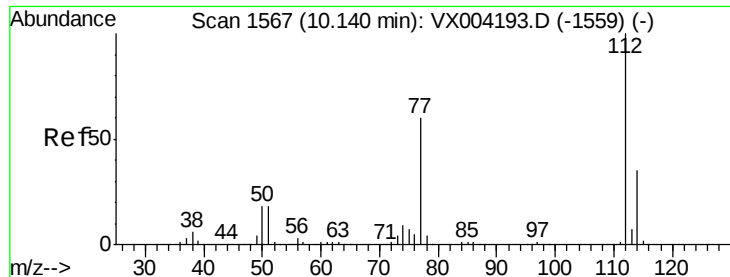
Tot Ion:117 Resp: 409416
Ion Ratio Lower Upper
117 100
82 56.2 47.8 71.6
119 31.6 29.3 43.9



#64
Tetrachloroethene
Concen: 18.85 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

Tgt Ion:164 Resp: 76243
Ion Ratio Lower Upper
164 100
166 131.6 102.8 154.2
129 89.3 69.4 104.0
131 87.8 67.9 101.9





#65

Chlorobenzene

Concen: 19.04 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

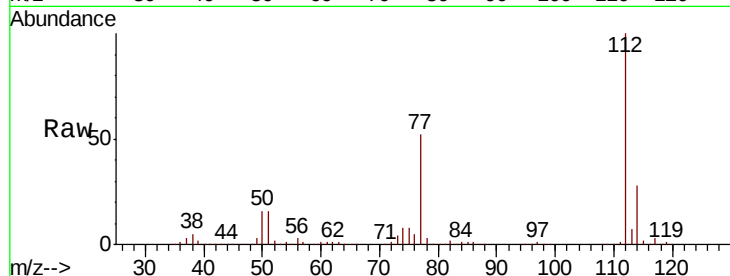
VX0830MBS01

Tot Ion:112 Resp: 195676

Ion Ratio Lower Upper

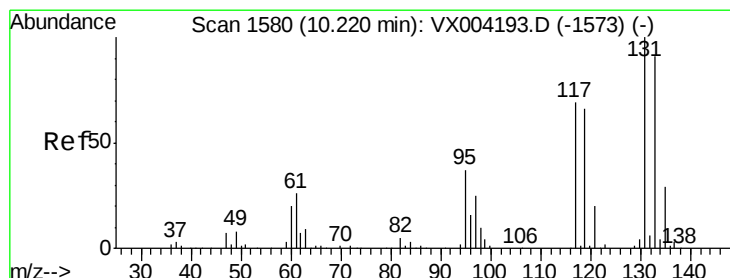
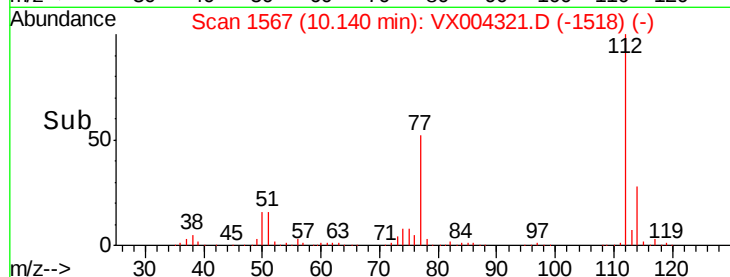
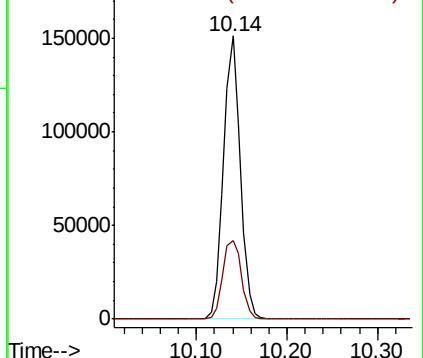
112 100

114 27.7 27.8 41.8#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.77 ug/l

RT: 10.22 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

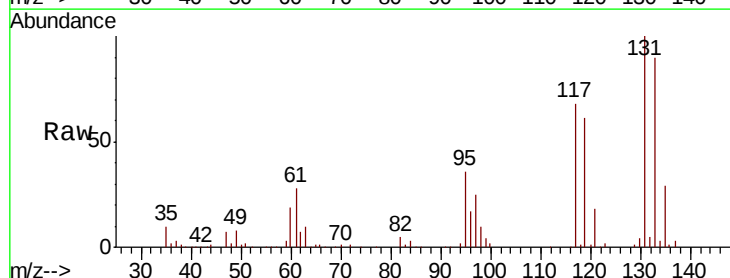
Tgt Ion:131 Resp: 66527

Ion Ratio Lower Upper

131 100

133 95.2 48.1 144.4

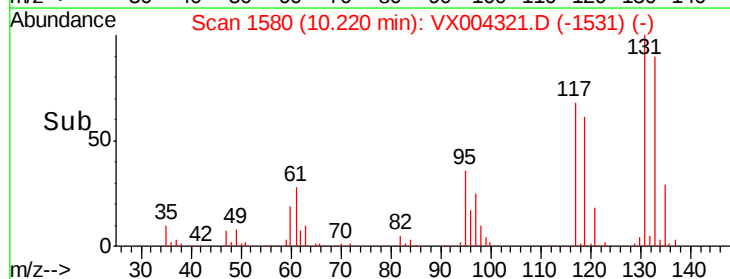
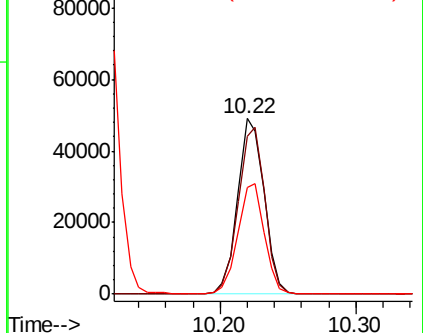
119 63.3 32.9 98.6

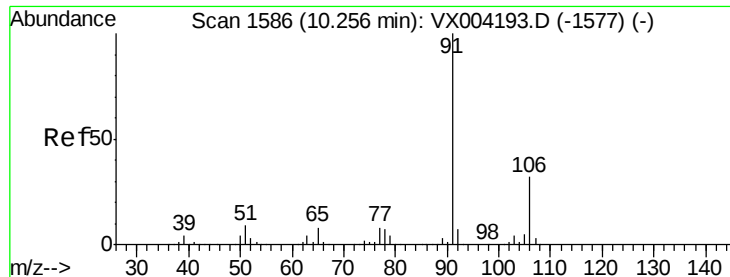


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.13 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

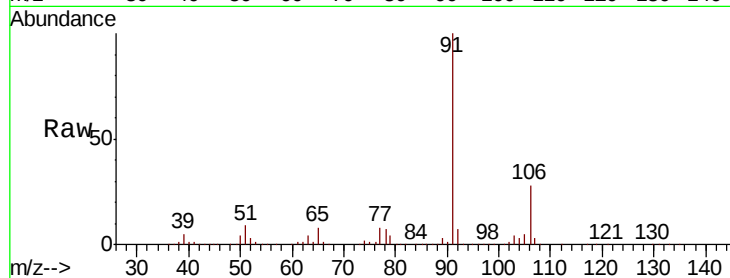
VX0830MBS01

Tot Ion: 91 Resp: 319244

Ion Ratio Lower Upper

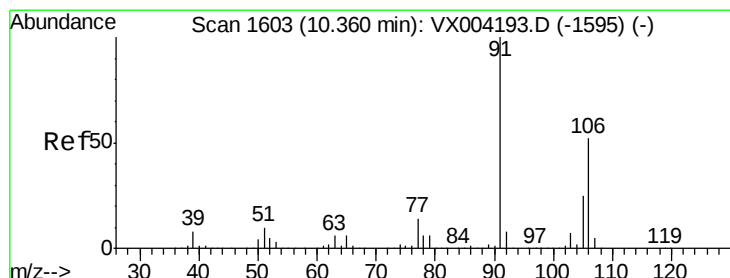
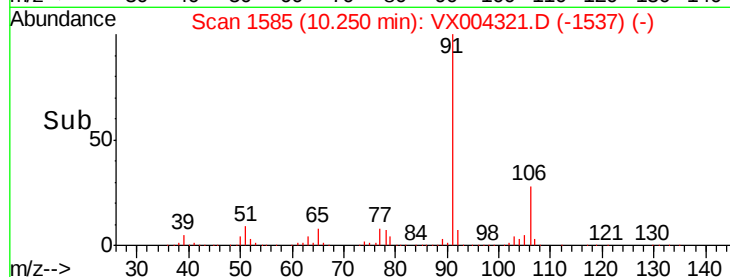
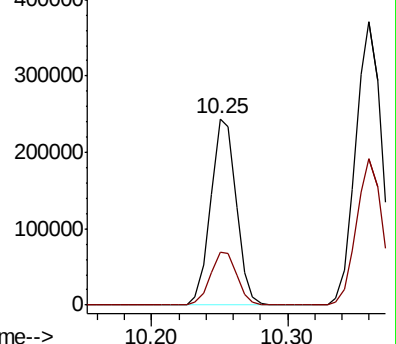
91 100

106 28.4 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.87 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004321.D

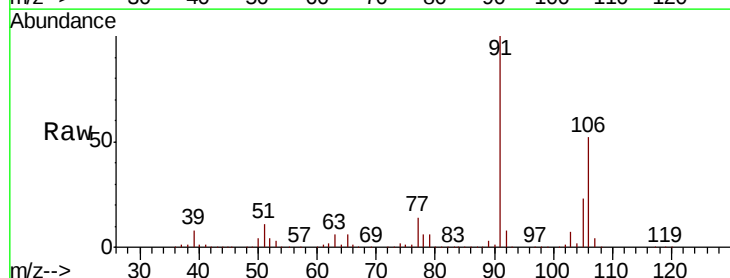
Acq: 30 Aug 2018 14:29

Tgt Ion:106 Resp: 253634

Ion Ratio Lower Upper

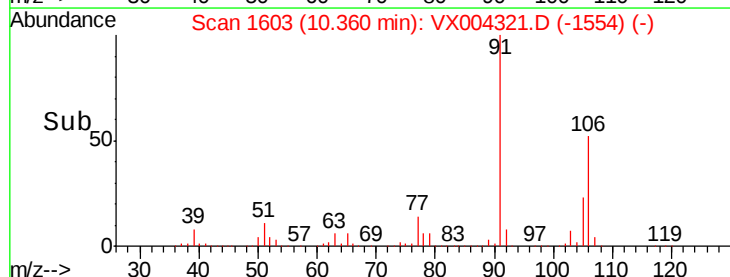
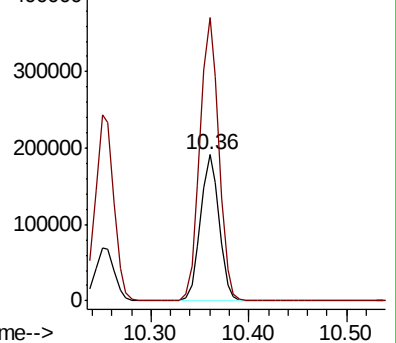
106 100

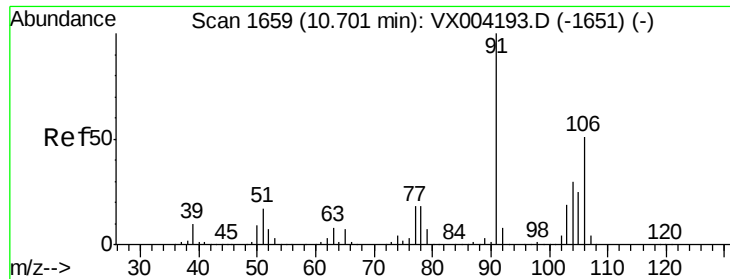
91 197.1 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

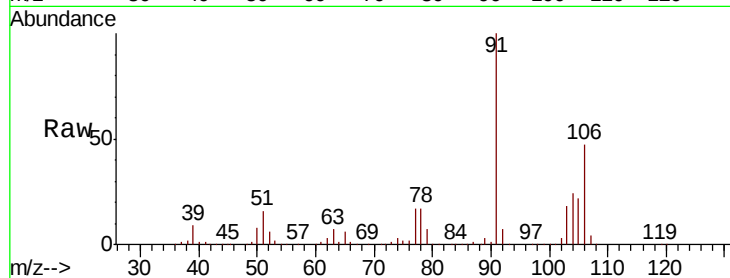




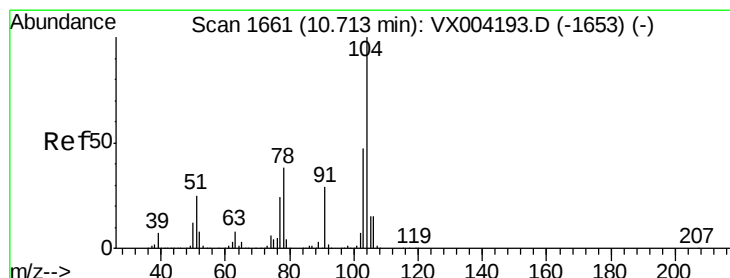
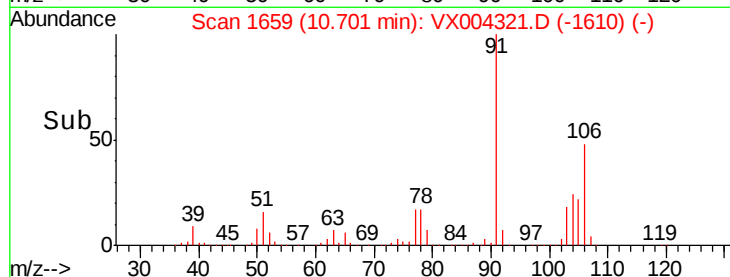
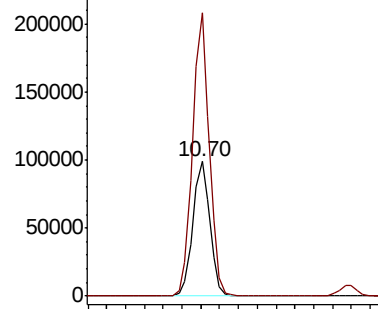
#69
o-Xylene
Concen: 20.16 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

Tot Ion:106 Resp: 124405
Ion Ratio Lower Upper
106 100
91 205.4 105.1 315.1

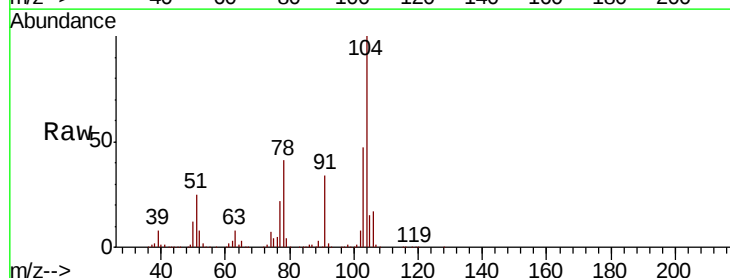


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

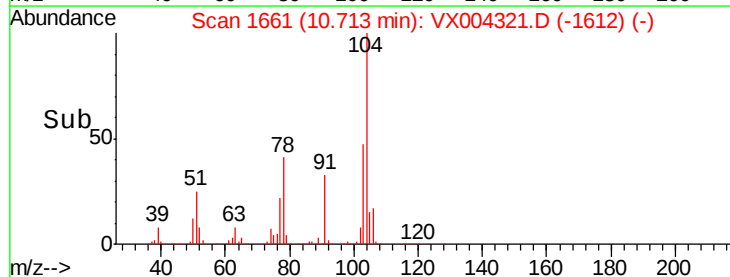
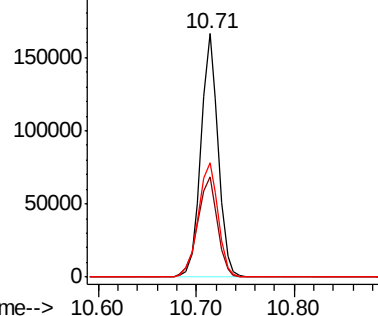


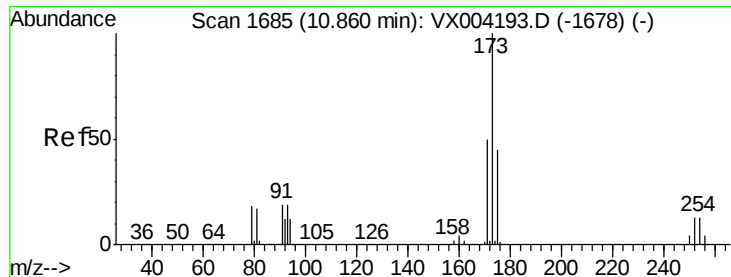
#70
Styrene
Concen: 20.35 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

Tgt Ion:104 Resp: 203376
Ion Ratio Lower Upper
104 100
78 47.5 37.4 56.0
103 54.2 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.76 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

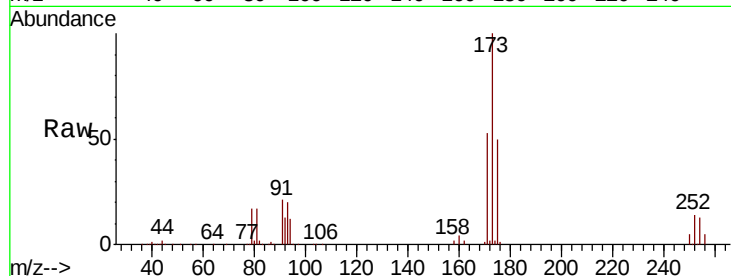
Tot Ion:173 Resp: 50741

Ion Ratio Lower Upper

173 100

175 50.0 24.1 72.3

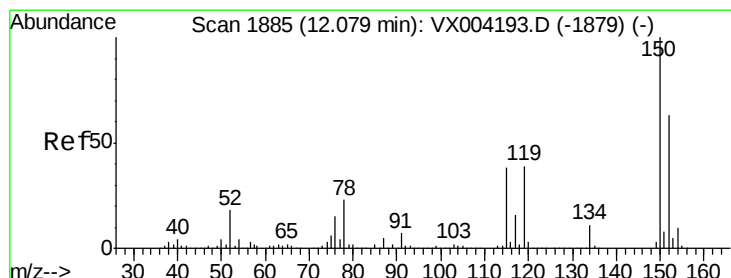
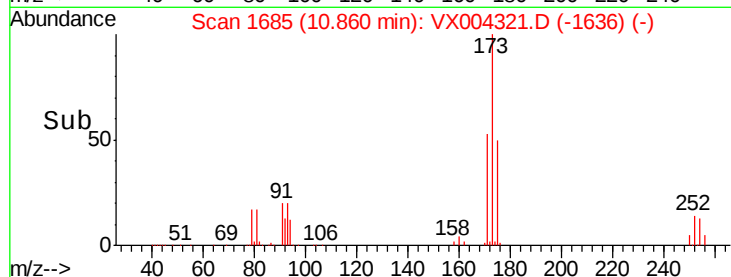
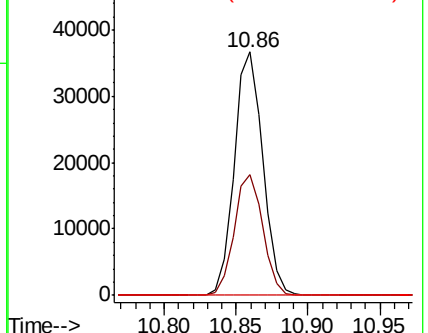
254 0.0 0.2 0.2#



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: VX004321.D

Acq: 30 Aug 2018 14:29

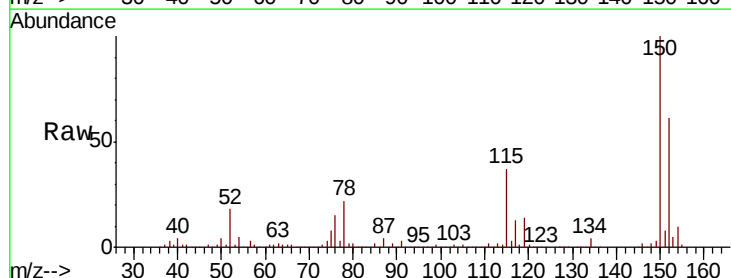
Tgt Ion:152 Resp: 242560

Ion Ratio Lower Upper

152 100

115 64.6 39.0 117.0

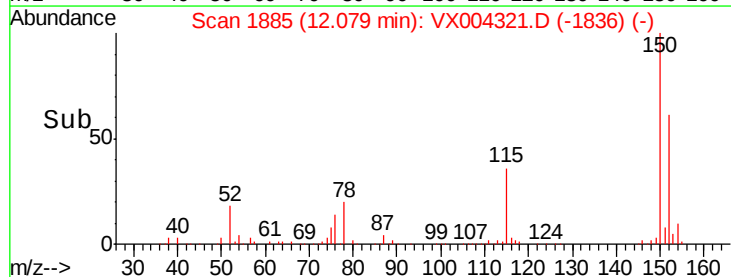
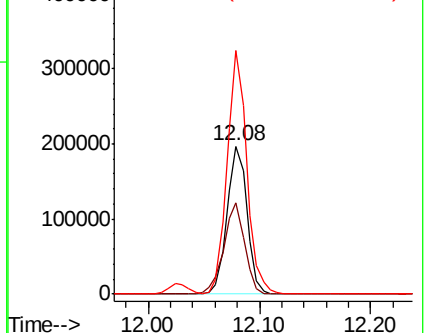
150 163.4 0.0 351.0

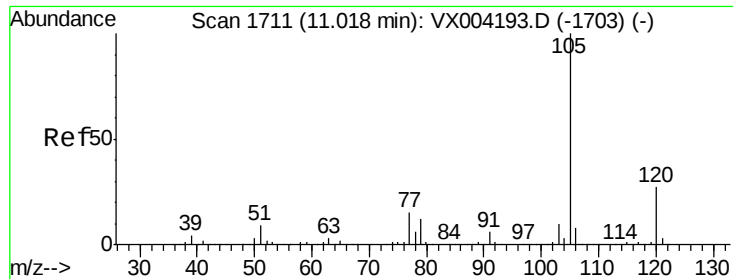


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.81 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

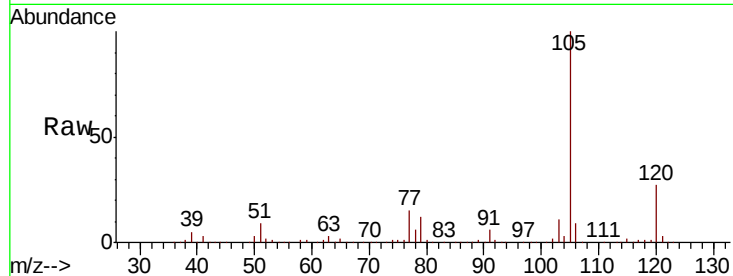
VX0830MBS01

Tot Ion:105 Resp: 331447

Ion Ratio Lower Upper

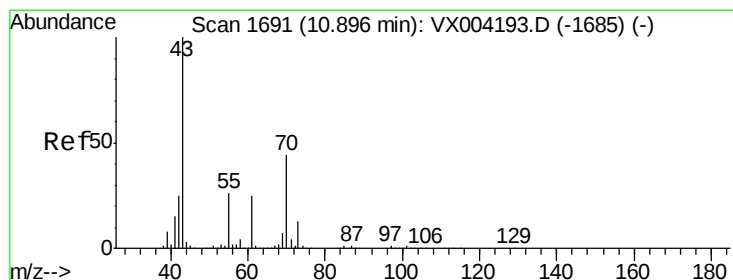
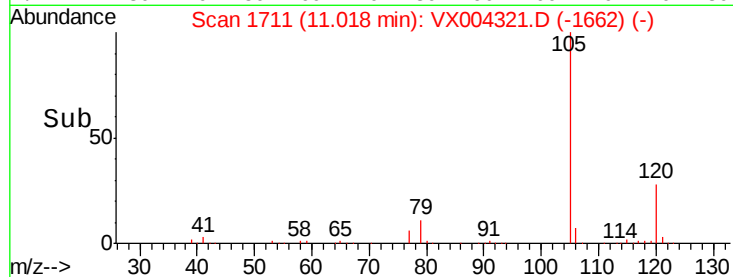
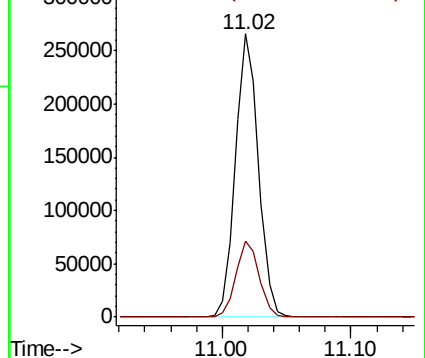
105 100

120 27.1 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: 19.52 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Tgt Ion: 43 Resp: 119750

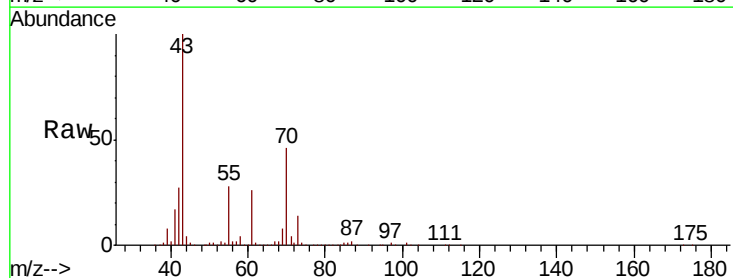
Ion Ratio Lower Upper

43 100

70 46.1 37.4 56.0

55 28.9 21.8 32.8

61 25.6 20.6 30.8

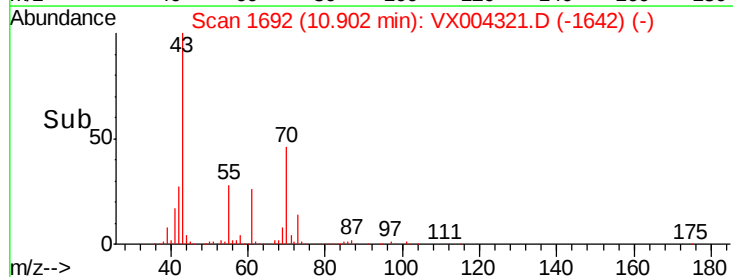
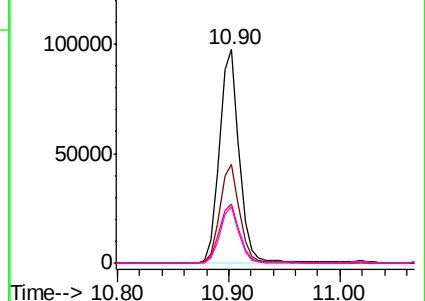


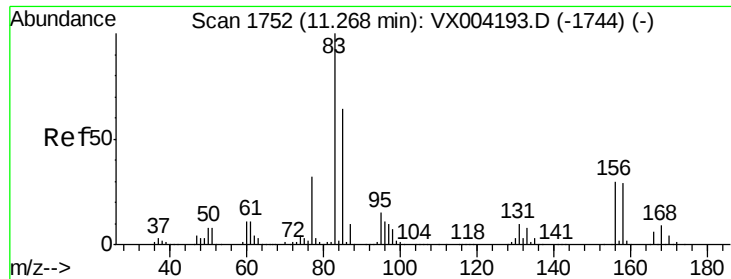
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.26 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

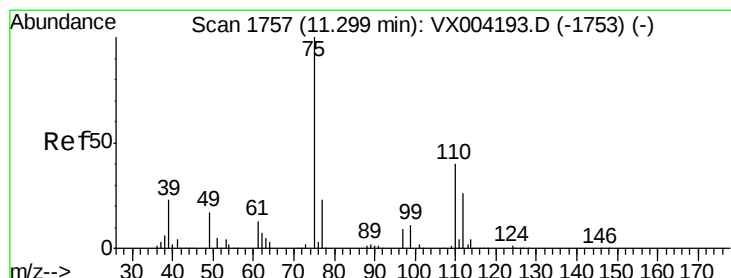
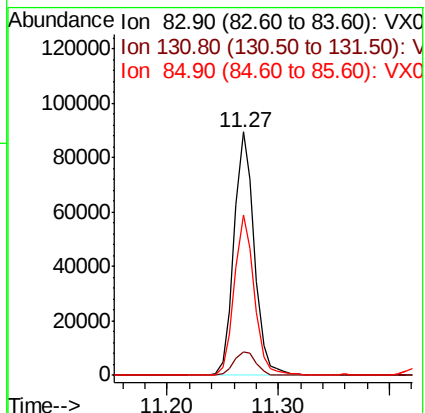
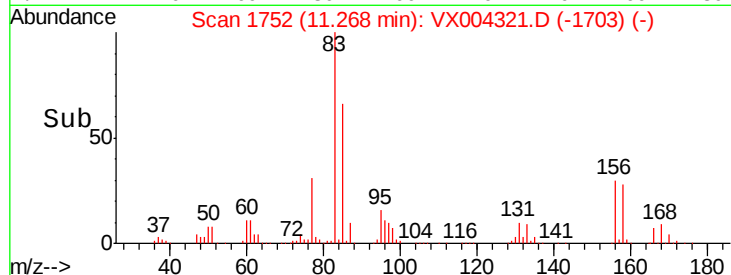
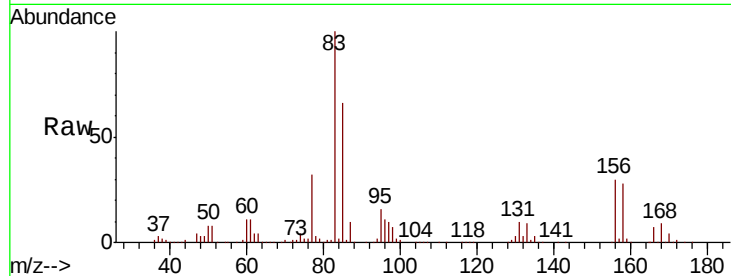
Tot Ion: 83 Resp: 112946

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

85 65.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 24.95 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004321.D

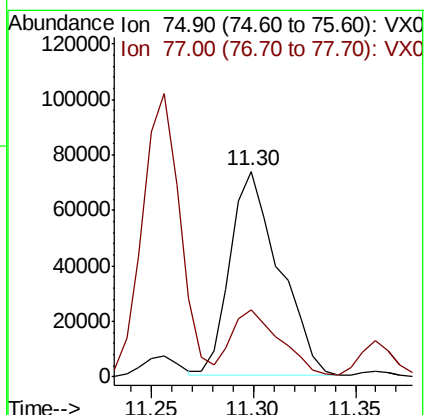
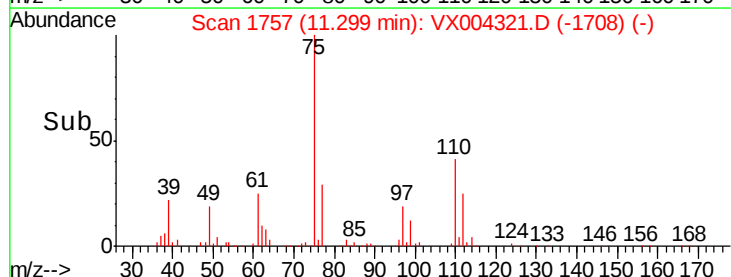
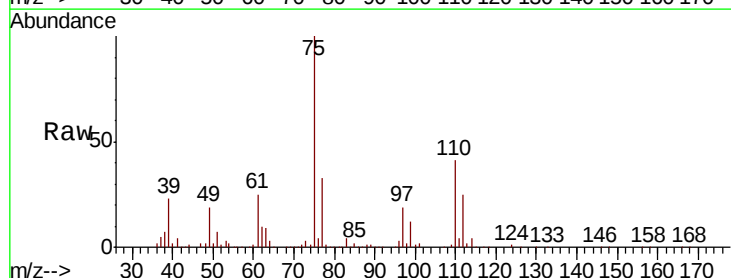
Acq: 30 Aug 2018 14:29

Tgt Ion: 75 Resp: 123091

Ion Ratio Lower Upper

75 100

77 33.0 20.2 60.6





#77

Bromobenzene

Concen: 20.37 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampled :

VX0830MBS01

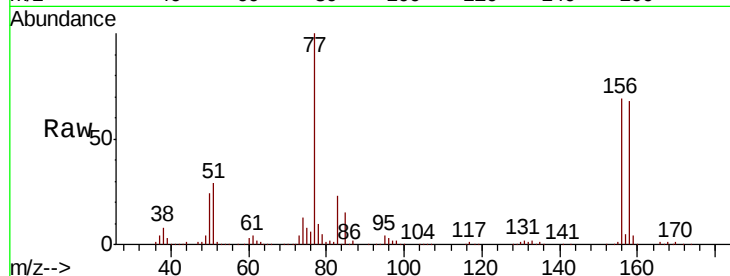
Tot Ion:156 Resp: 91018

Ion Ratio Lower Upper

156 100

77 144.8 71.5 214.3

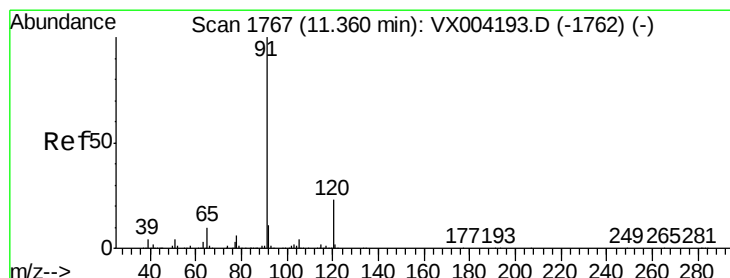
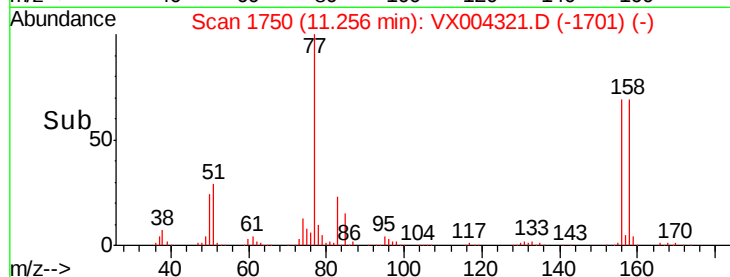
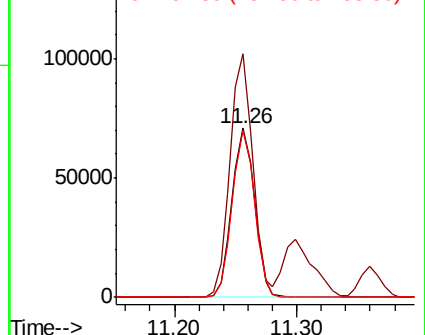
158 97.2 48.9 146.8



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: 20.62 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004321.D

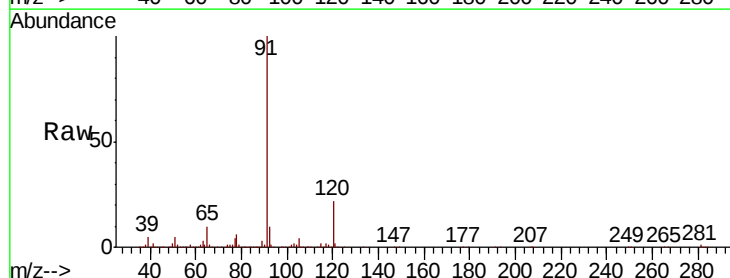
Acq: 30 Aug 2018 14:29

Tgt Ion: 91 Resp: 377807

Ion Ratio Lower Upper

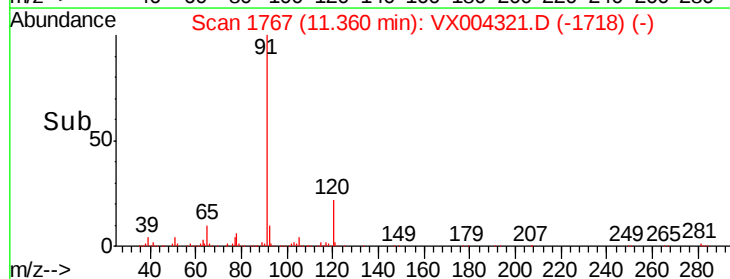
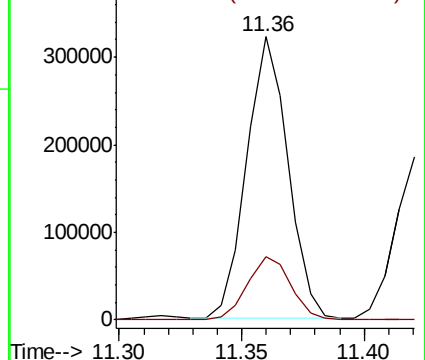
91 100

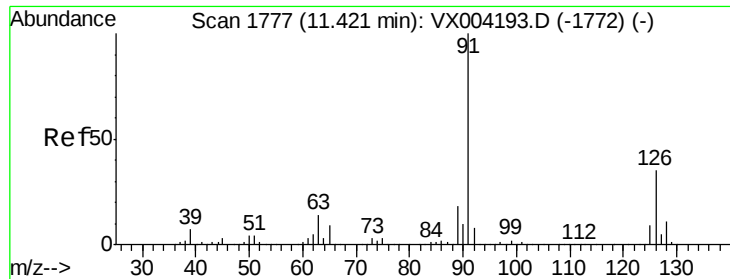
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

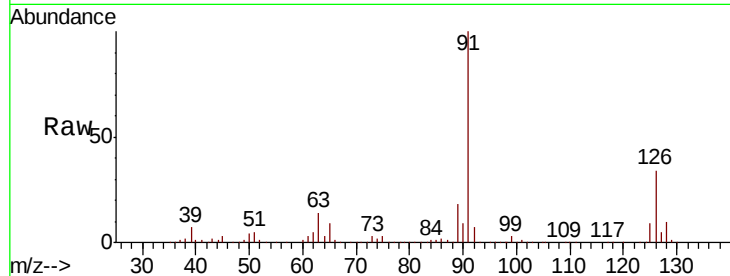




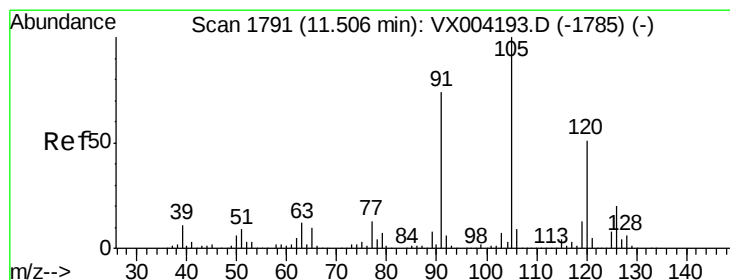
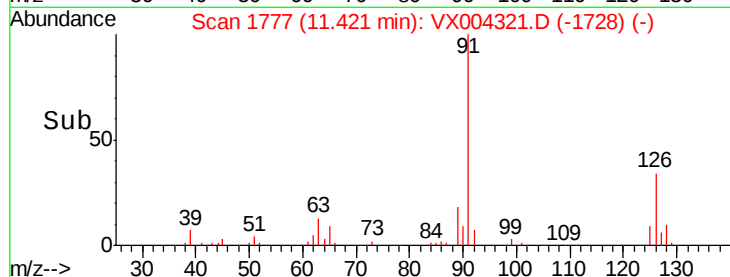
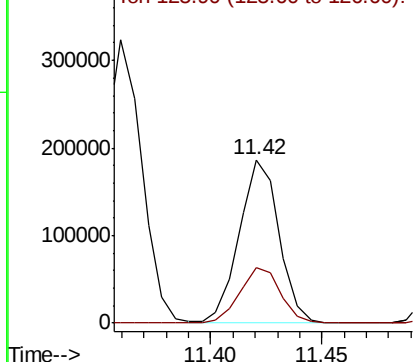
#79
 2-Chlorotoluene
 Concen: 20.53 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

Tot Ion: 91 Resp: 231478
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.9 53.7

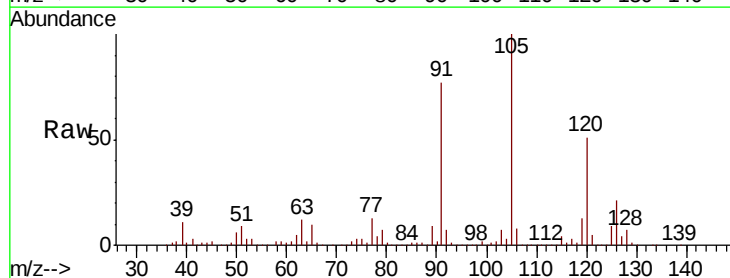


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

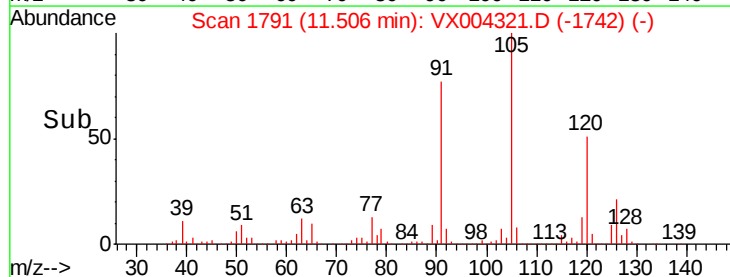
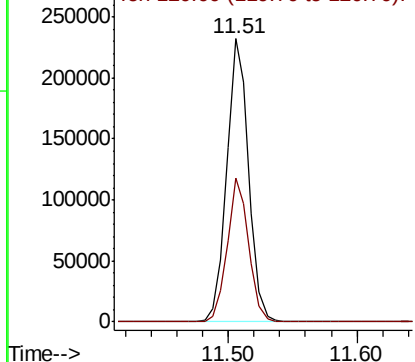


#80
 1,3,5-Trimethylbenzene
 Concen: 20.93 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Tgt Ion:105 Resp: 276083
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.11 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004321.D

Acq: 30 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampled :

VX0830MBS01

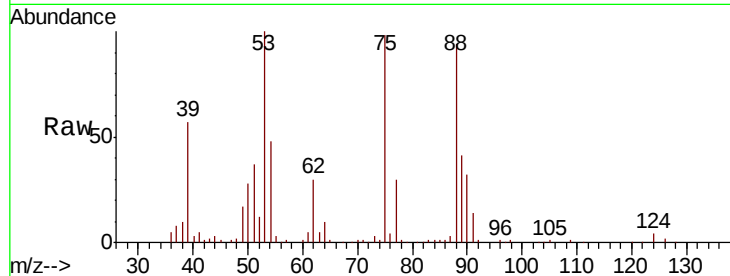
Tot Ion: 75 Resp: 29059

Ion Ratio Lower Upper

75 100

53 105.5 80.1 120.1

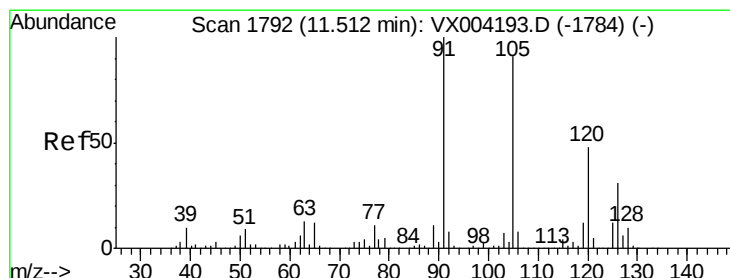
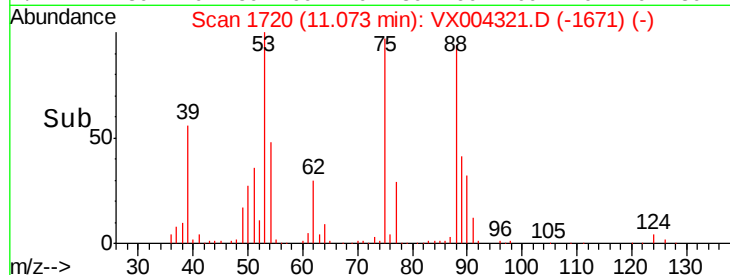
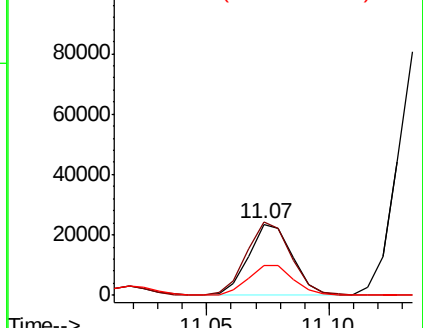
89 45.0 37.2 55.8



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: 20.07 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004321.D

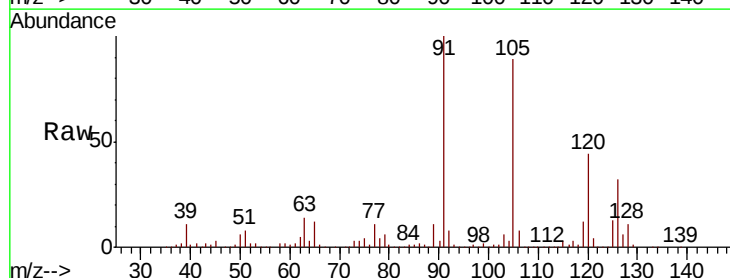
Acq: 30 Aug 2018 14:29

Tgt Ion: 91 Resp: 266296

Ion Ratio Lower Upper

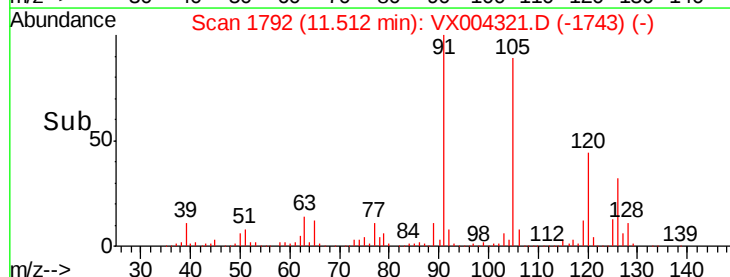
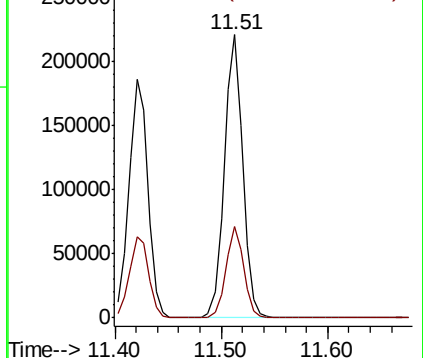
91 100

126 31.3 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

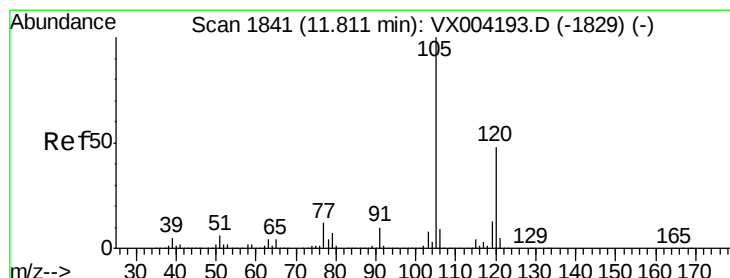
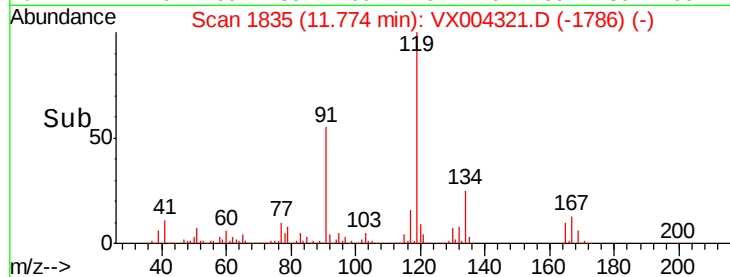
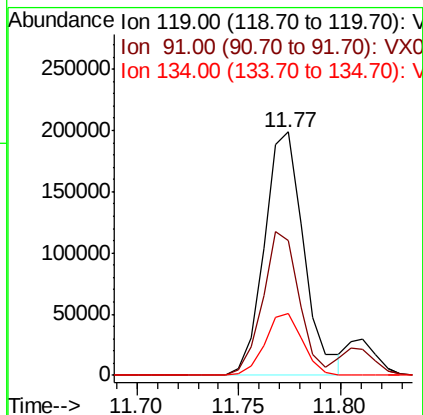
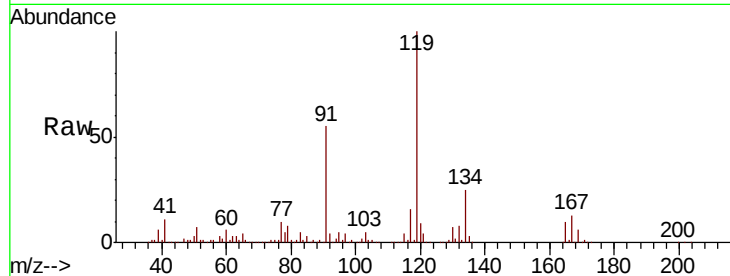




#83
 tert-Butylbenzene
 Concen: 20.22 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

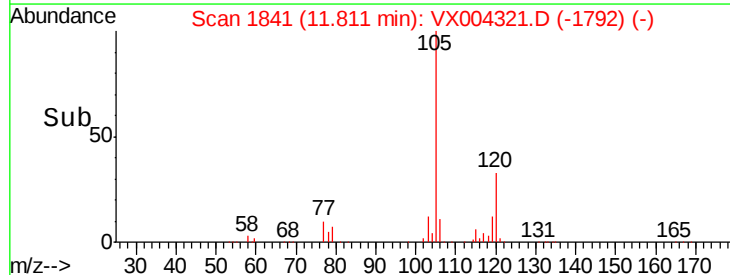
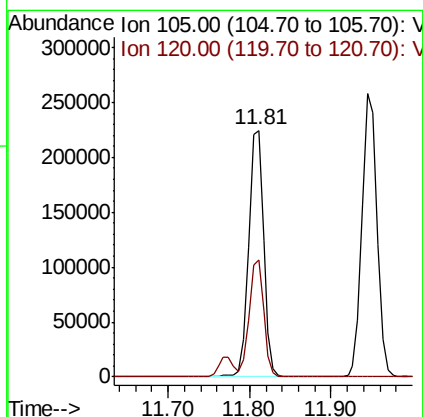
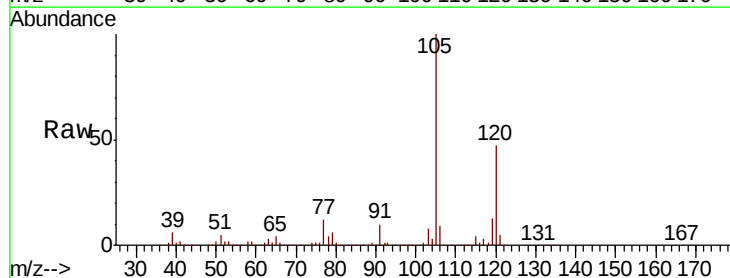
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0830MBS01

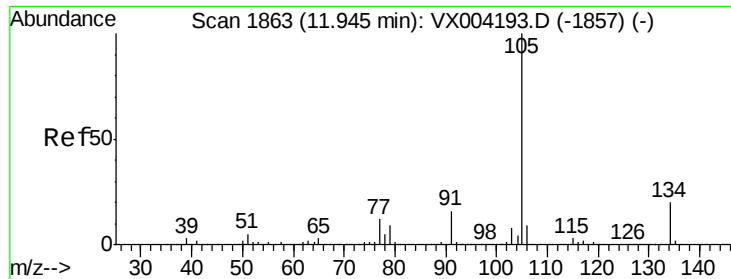
Tot Ion:119 Resp: 268397
 Ion Ratio Lower Upper
 119 100
 91 54.3 27.0 81.0
 134 24.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.23 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Tgt Ion:105 Resp: 287573
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6

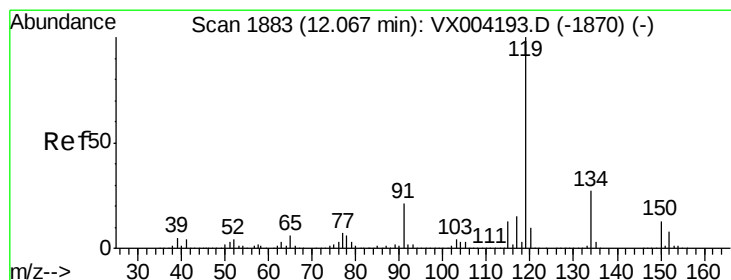
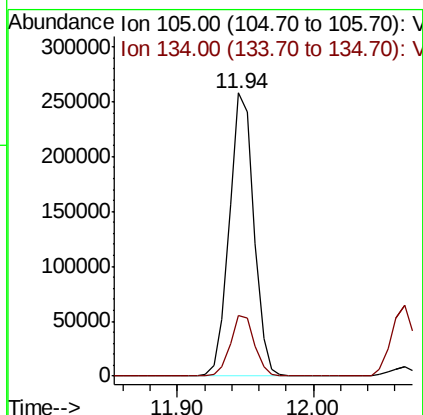
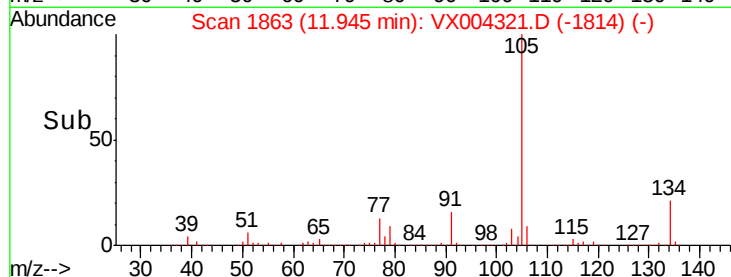
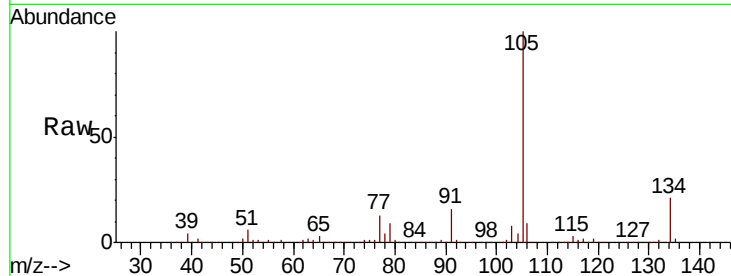




#85
 sec-Butylbenzene
 Concen: 20.50 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

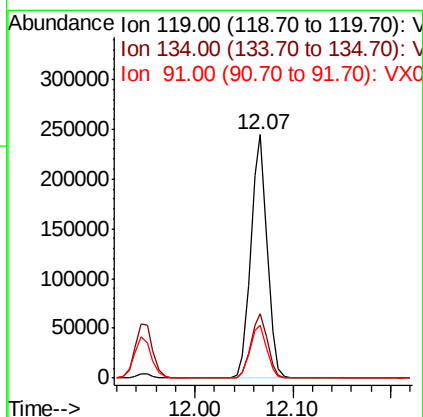
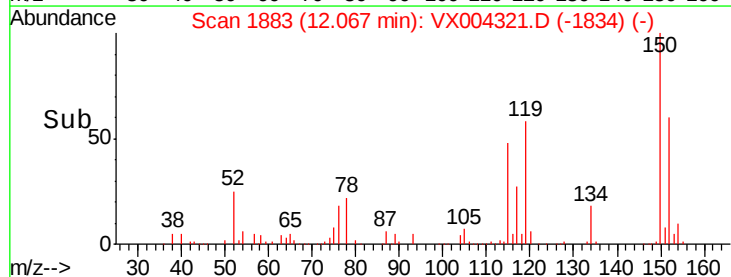
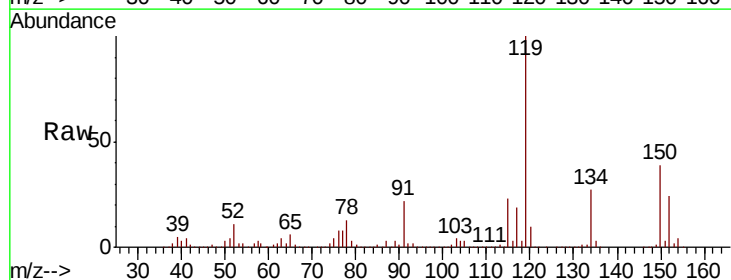
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

Tot Ion:105 Resp: 323133
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 19.92 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Tgt Ion:119 Resp: 281387
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 22.7 10.9 32.7

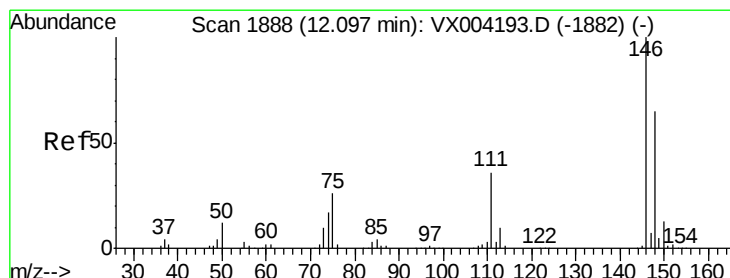
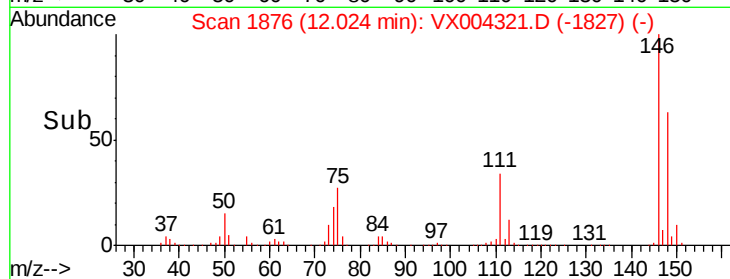
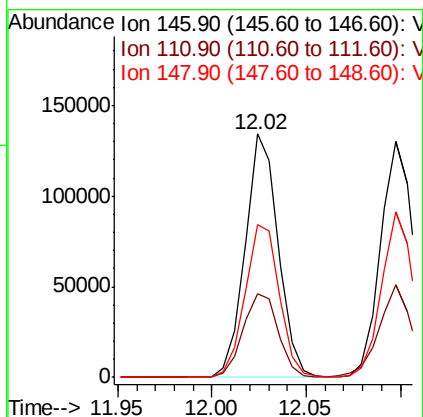
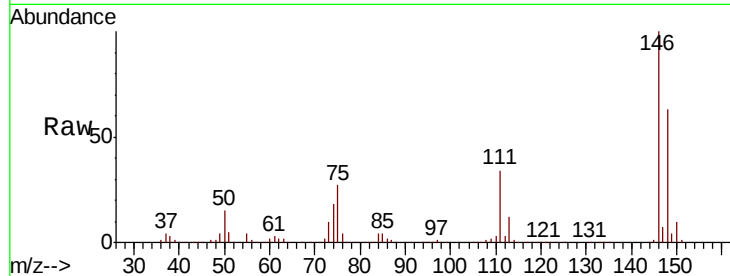




#87
 1,3-Dichlorobenzene
 Concen: 19.40 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

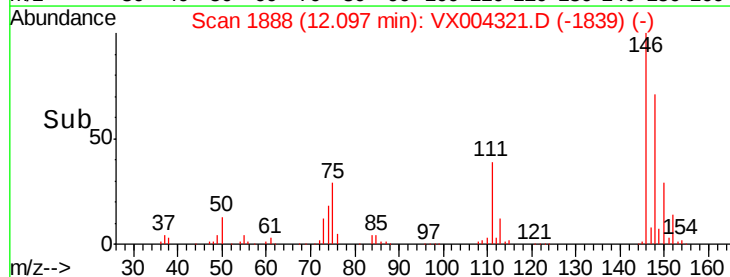
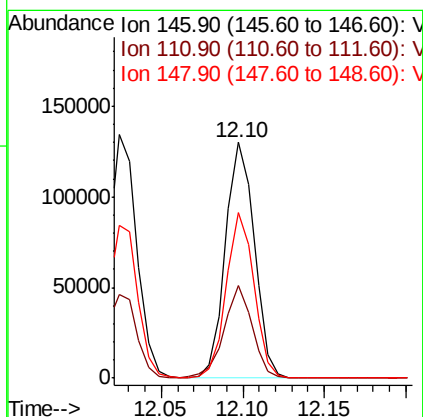
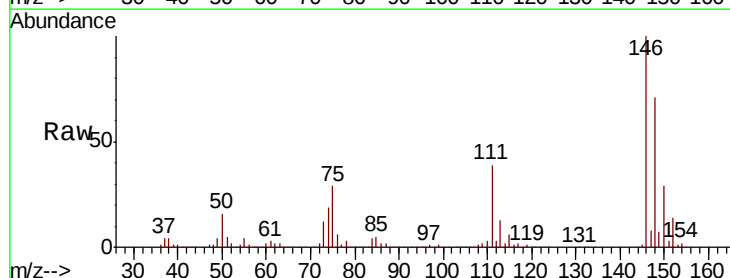
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

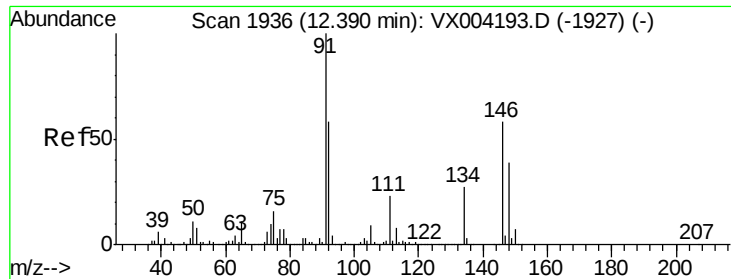
Tot Ion:146 Resp: 163256
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.7 56.1
 148 65.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.12 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Tgt Ion:146 Resp: 160704
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.1 54.1
 148 67.3 32.0 96.0

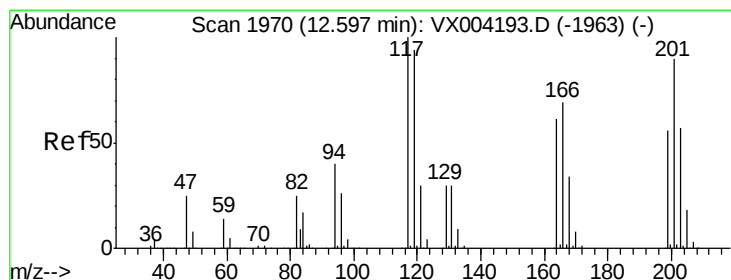
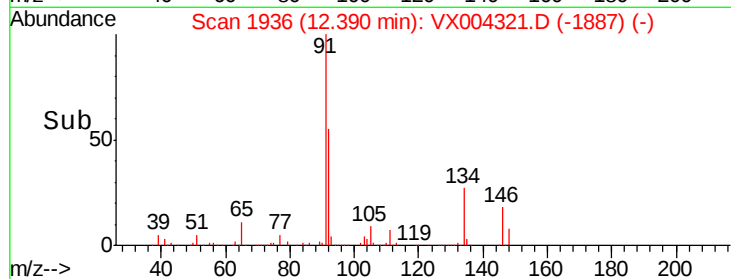
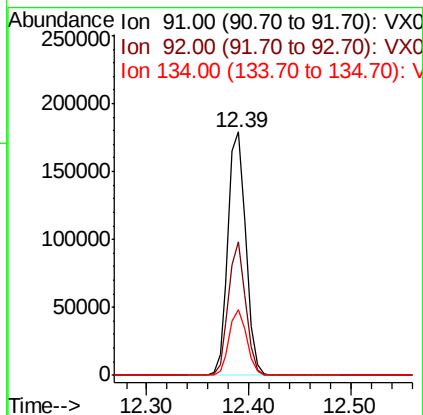
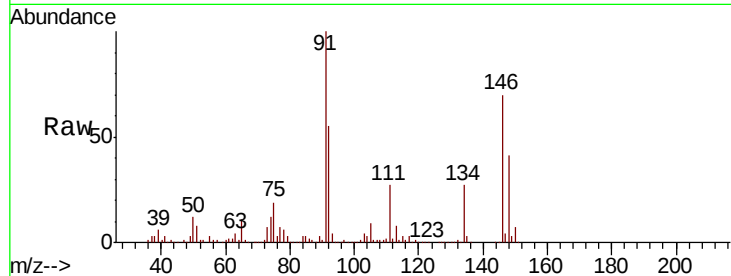




#89
n-Butylbenzene
Concen: 18.84 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

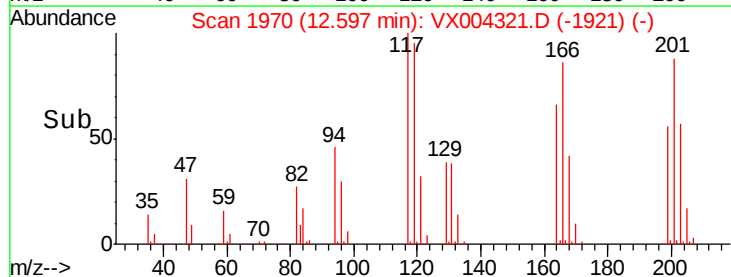
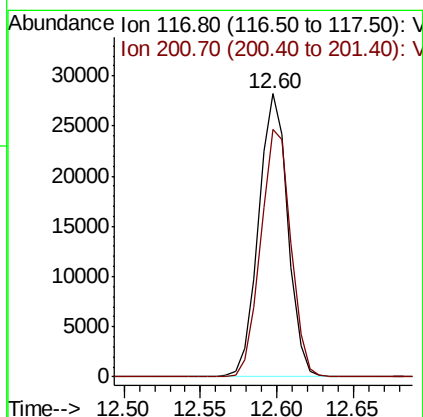
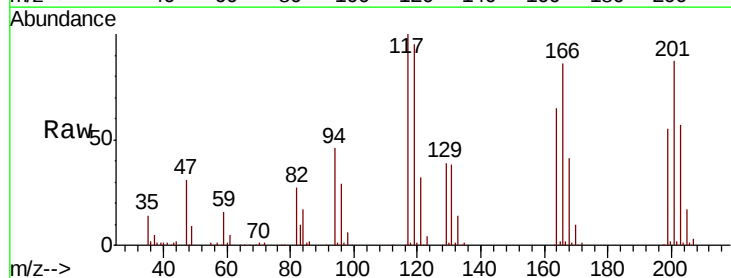
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

Tot Ion: 91 Resp: 216358
Ion Ratio Lower Upper
91 100
92 52.8 27.3 81.9
134 26.5 13.6 40.7



#90
Hexachloroethane
Concen: 19.09 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

Tgt Ion: 117 Resp: 37691
Ion Ratio Lower Upper
117 100
201 89.7 46.9 140.6

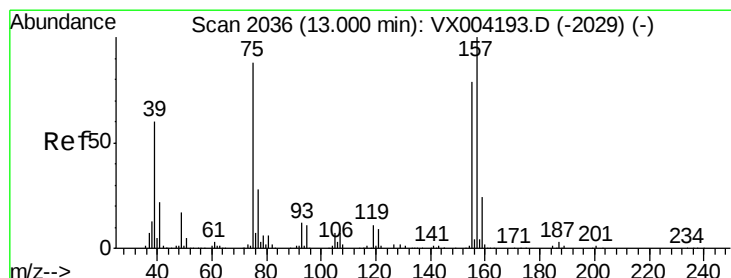
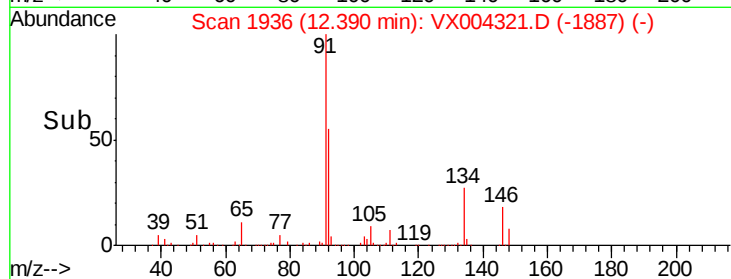
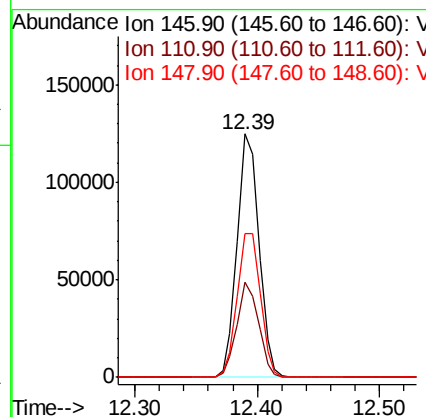
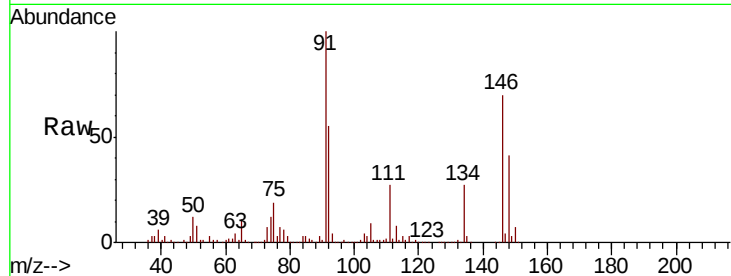




#91
 1,2-Dichlorobenzene
 Concen: 20.04 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

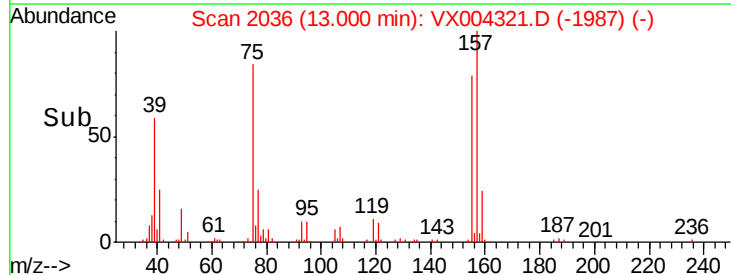
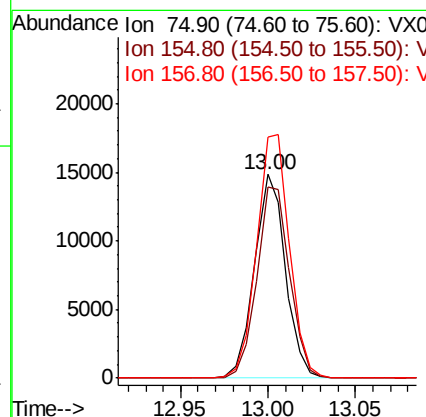
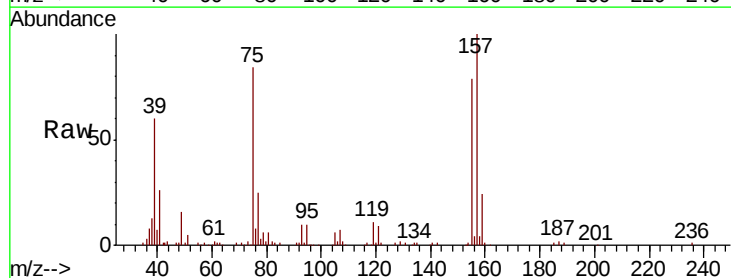
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

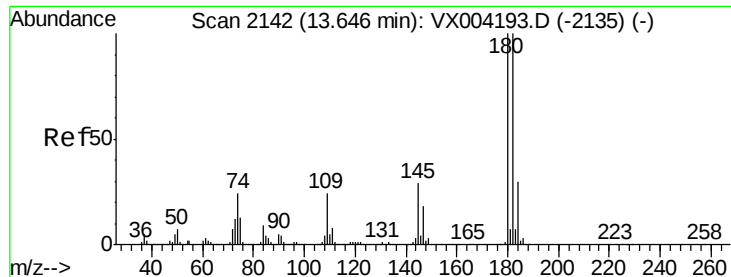
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.1
148	62.8	32.8	98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.65 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.1	48.0	144.2
157	126.3	61.4	184.1

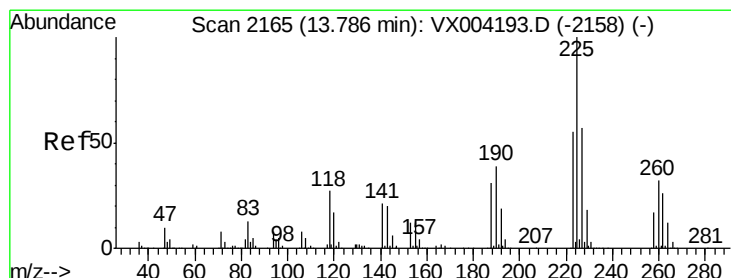
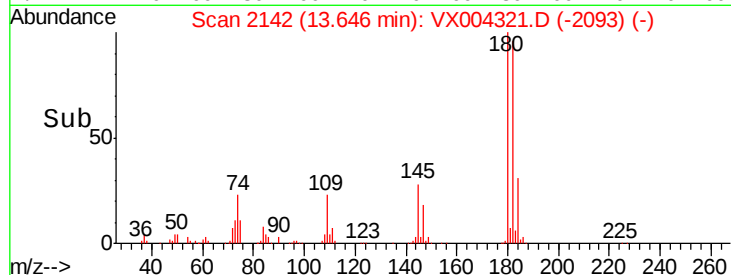
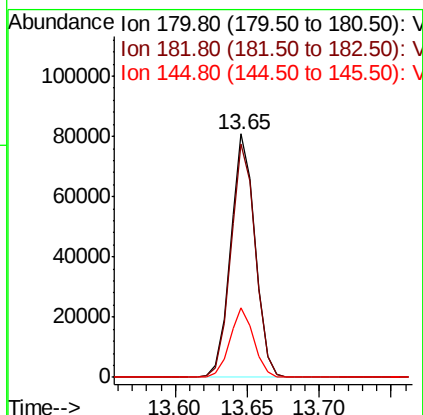
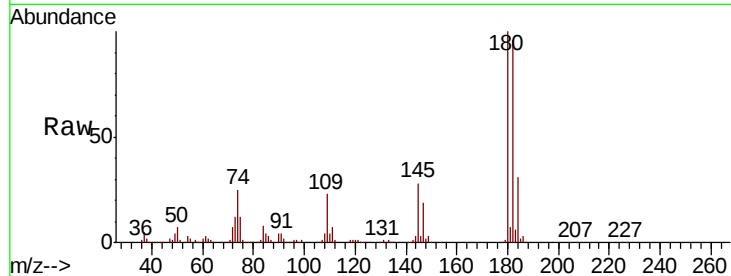




#93
 1,2,4-Trichlorobenzene
 Concen: 17.22 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

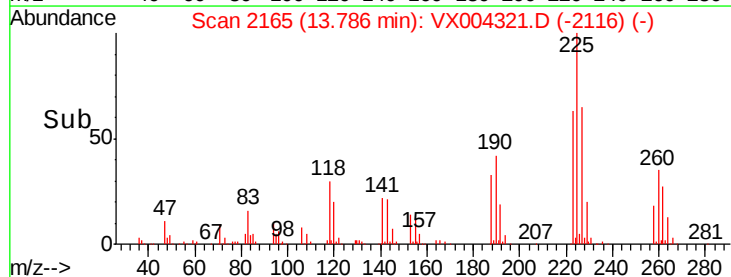
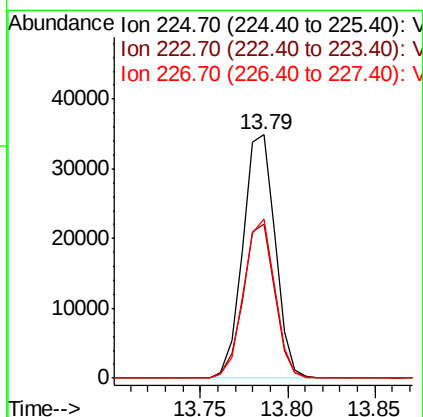
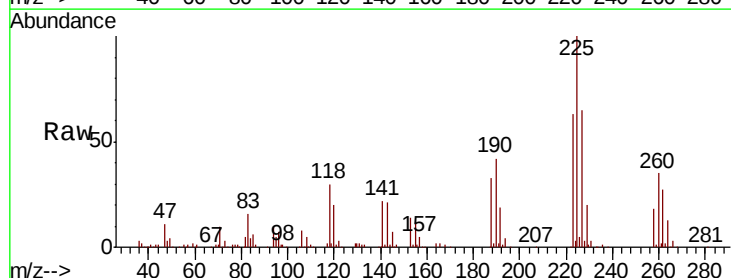
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

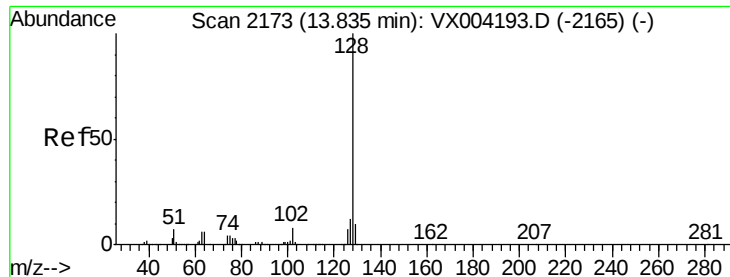
Tot Ion:180 Resp: 96324
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.4 145.0
 145 28.0 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 17.15 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX004321.D
 Acq: 30 Aug 2018 14:29

Tgt Ion:225 Resp: 44866
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.1 90.5
 227 62.9 30.8 92.4

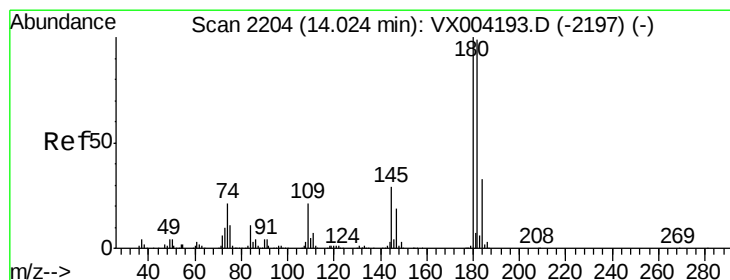
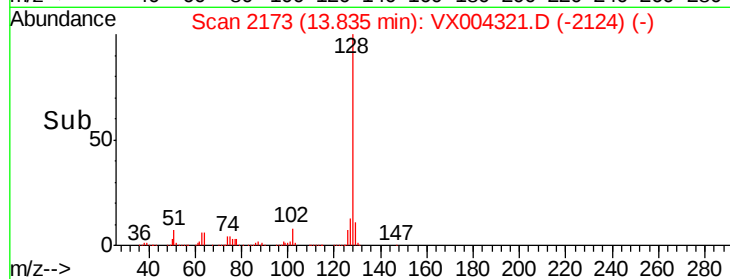
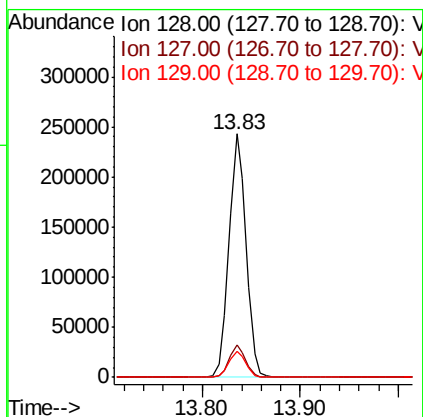
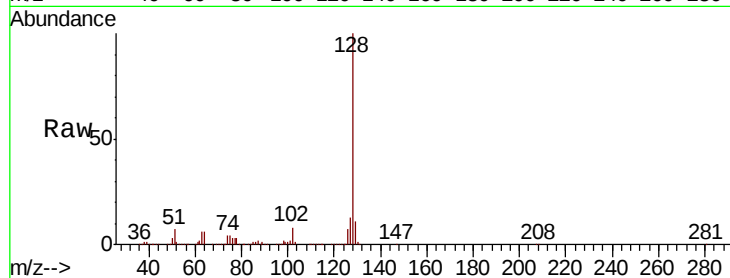




#95
Naphthalene
Concen: 18.63 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

Tot Ion:128 Resp: 294783
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 17.18 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004321.D
Acq: 30 Aug 2018 14:29

Tgt Ion:180 Resp: 101756
Ion Ratio Lower Upper
180 100
182 96.1 48.5 145.6
145 29.5 14.9 44.9

