

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004398.D
 Acq On : 06 Sep 2018 21:07
 Operator : JC/MD
 Sample : VX0906MBS01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Quant Time: Sep 07 04:49:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	347095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	510061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	493162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	292780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	211419	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	5.50	113	183216	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	8.71	98	688265	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.14	95	260759	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64803	16.12	ug/l	97
3) Chloromethane	1.32	50	75838	17.26	ug/l	99
4) Vinyl Chloride	1.40	62	83281	18.31	ug/l	100
5) Bromomethane	1.64	94	39058	16.05	ug/l	96
6) Chloroethane	1.72	64	64461	19.20	ug/l	100
7) Trichlorofluoromethane	1.92	101	116250	18.65	ug/l	95
8) Diethyl Ether	2.18	74	55084	20.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	74508	19.09	ug/l	99
10) Methyl Iodide	2.51	142	71907	19.20	ug/l	97
11) Tert butyl alcohol	3.07	59	104649	108.52	ug/l	100
12) 1,1-Dichloroethene	2.37	96	69022	18.77	ug/l	99
13) Acrolein	2.29	56	23901	102.80	ug/l	99
14) Allyl chloride	2.73	41	132185	19.57	ug/l	97
15) Acrylonitrile	3.15	53	250963	105.08	ug/l	99
16) Acetone	2.45	43	202413	104.92	ug/l	99
17) Carbon Disulfide	2.57	76	154253	15.66	ug/l	98
18) Methyl Acetate	2.78	43	191968	28.60	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	255148	21.06	ug/l	98
20) Methylene Chloride	2.85	84	91033	20.90	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	74846	18.39	ug/l	95
22) Diisopropyl ether	3.87	45	258024	20.46	ug/l	99
23) Vinyl Acetate	3.82	43	928545	90.83	ug/l	98
24) 1,1-Dichloroethane	3.69	63	149605	20.35	ug/l	99
25) 2-Butanone	4.70	43	320978	104.23	ug/l	99
26) 2,2-Dichloropropane	4.58	77	83754	14.53	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	89269	19.34	ug/l	97
28) Bromochloromethane	5.01	49	68948	21.19	ug/l	99
29) Tetrahydrofuran	5.16	42	204001	104.96	ug/l	100
30) Chloroform	5.21	83	144758	19.64	ug/l	99
31) Cyclohexane	5.57	56	118699	18.71	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	117426	19.11	ug/l	100
36) 1,1-Dichloropropene	5.80	75	105400	18.38	ug/l	98
37) Ethyl Acetate	4.86	43	110836	19.65	ug/l	99
38) Carbon Tetrachloride	5.78	117	97829	18.14	ug/l	94

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 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	117483	17.94	ug/l	99
40) Benzene	6.14	78	330416	19.28	ug/l	99
41) Methacrylonitrile	5.06	41	67069	20.52	ug/l	99
42) 1,2-Dichloroethane	6.20	62	111957	19.16	ug/l	99
43) Isopropyl Acetate	6.46	43	173480	20.02	ug/l	99
44) Trichloroethene	7.21	130	90540	19.09	ug/l	98
45) 1,2-Dichloropropane	7.52	63	86521	20.18	ug/l	100
46) Dibromomethane	7.66	93	54448	19.07	ug/l	99
47) Bromodichloromethane	7.90	83	99636	18.75	ug/l	99
48) Methyl methacrylate	7.78	41	92857	20.03	ug/l	97
49) 1,4-Dioxane	7.76	88	44746	425.03	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	624439	99.18	ug/l	100
52) Toluene	8.79	92	212928	19.85	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	106935	18.22	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	120888	18.91	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	88533	20.45	ug/l	98
56) Ethyl methacrylate	9.18	69	121812	20.67	ug/l	98
57) 1,3-Dichloropropane	9.37	76	148478	20.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	312905	103.61	ug/l	99
59) 2-Hexanone	9.50	43	470318	97.91	ug/l	99
60) Dibromochloromethane	9.59	129	79531	18.85	ug/l	99
61) 1,2-Dibromoethane	9.67	107	88901	19.84	ug/l	100
64) Tetrachloroethene	9.34	164	102134	20.96	ug/l	99
65) Chlorobenzene	10.14	112	237829	19.22	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	80149	18.77	ug/l	99
67) Ethyl Benzene	10.26	91	378493	18.83	ug/l	99
68) m/p-Xylenes	10.36	106	304386	38.73	ug/l	98
69) o-Xylene	10.70	106	146207	19.67	ug/l	99
70) Styrene	10.71	104	243517	20.23	ug/l	99
71) Bromoform	10.86	173	59735	17.36	ug/l	99
73) Isopropylbenzene	11.02	105	403239	20.97	ug/l	100
74) N-amyl acetate	10.90	43	146980	19.85	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	130563	19.40	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	144117	24.20	ug/l	88
77) Bromobenzene	11.26	156	106784	19.80	ug/l	98
78) n-propylbenzene	11.36	91	454342	20.54	ug/l	100
79) 2-Chlorotoluene	11.42	91	274528	20.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	335315	21.06	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	30740	16.75	ug/l	96
82) 4-Chlorotoluene	11.51	91	318987	19.91	ug/l	100
83) tert-Butylbenzene	11.77	119	323356	20.18	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	349946	21.41	ug/l	99
85) sec-Butylbenzene	11.94	105	408960	21.50	ug/l	100
86) p-Isopropyltoluene	12.07	119	363374	21.32	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	197059	19.40	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	202822	18.94	ug/l	99
89) n-Butylbenzene	12.39	91	279610	20.17	ug/l	100
90) Hexachloroethane	12.60	117	45092	18.92	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	182118	19.62	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22716	19.17	ug/l	97

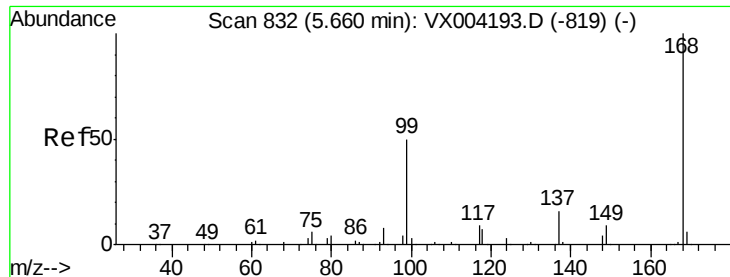
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
Data File : VX004398.D
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Quant Time: Sep 07 04:49:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	142446	21.09	ug/l	99
94) Hexachlorobutadiene	13.79	225	70002	22.20	ug/l	98
95) Naphthalene	13.83	128	438080	22.93	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	150953	21.11	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

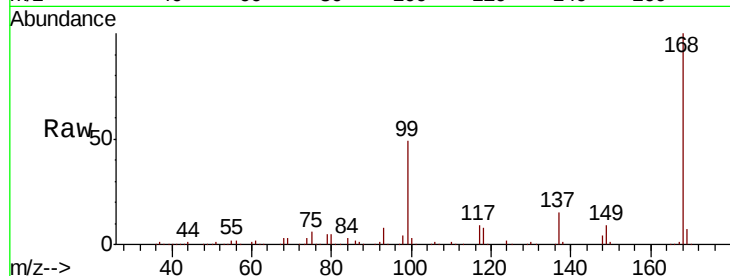
VX0906MBSD01

Tot Ion:168 Resp: 347095

Ion Ratio Lower Upper

168 100

99 48.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

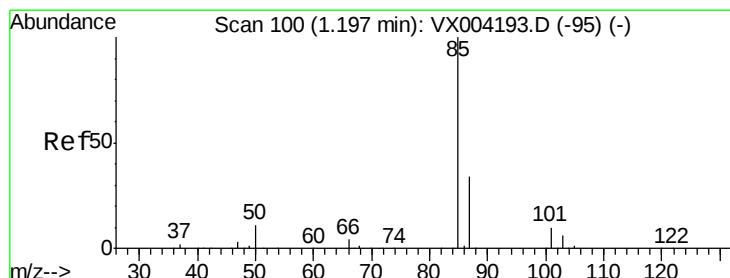
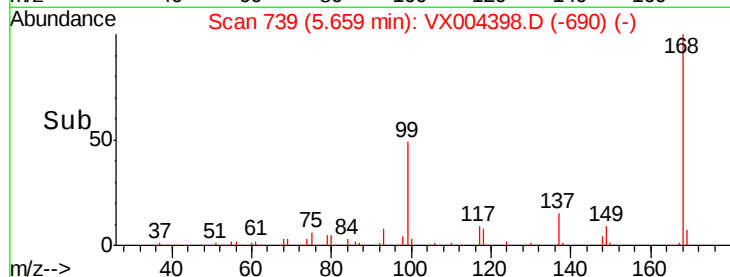
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.12 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004398.D

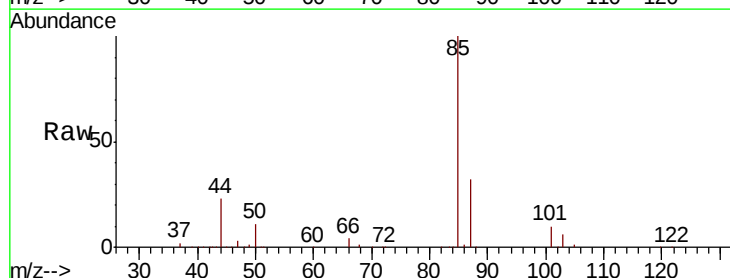
Acq: 06 Sep 2018 21:07

Tgt Ion: 85 Resp: 64803

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

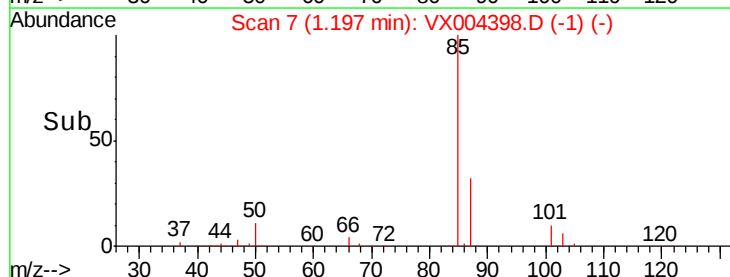
60000

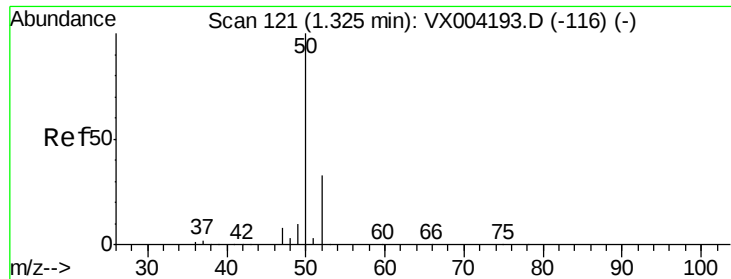
40000

20000

0

Time-->





#3

Chloromethane

Concen: 17.26 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

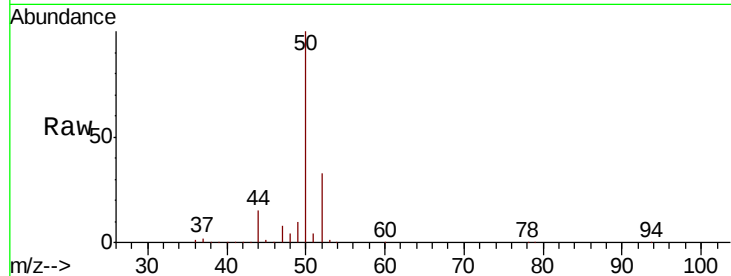
VX0906MBSD01

Tot Ion: 50 Resp: 75838

Ion Ratio Lower Upper

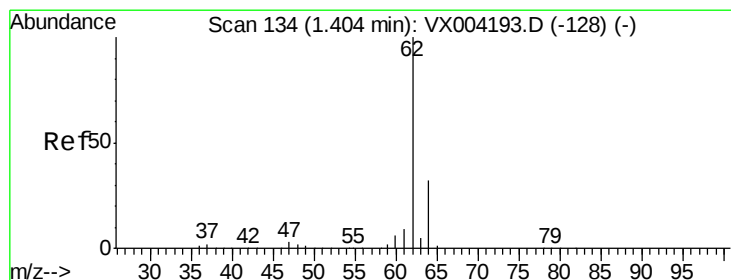
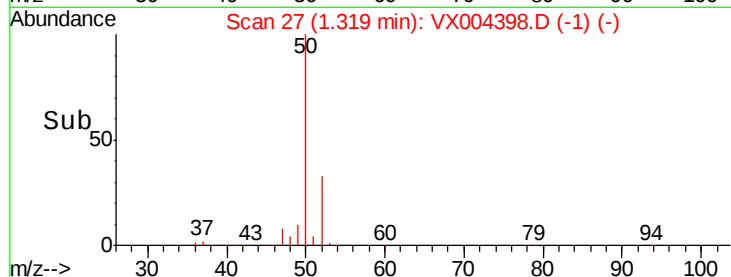
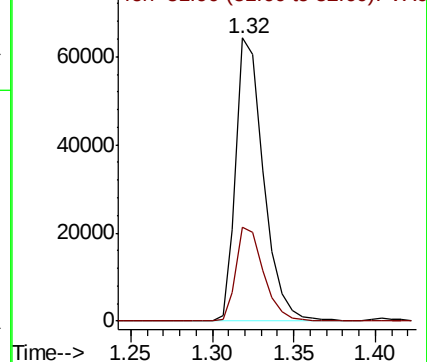
50 100

52 33.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.31 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004398.D

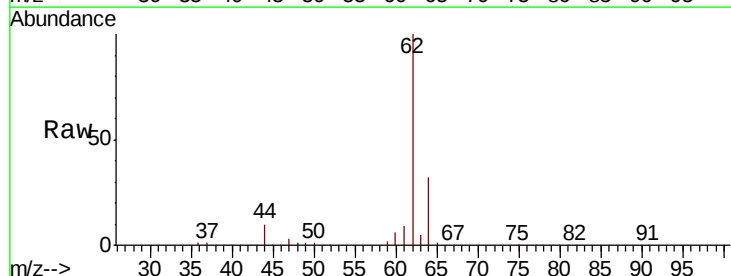
Acq: 06 Sep 2018 21:07

Tgt Ion: 62 Resp: 83281

Ion Ratio Lower Upper

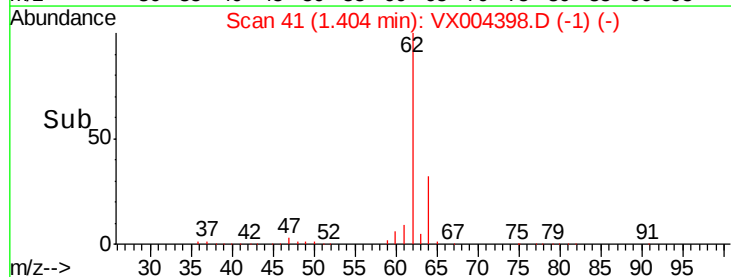
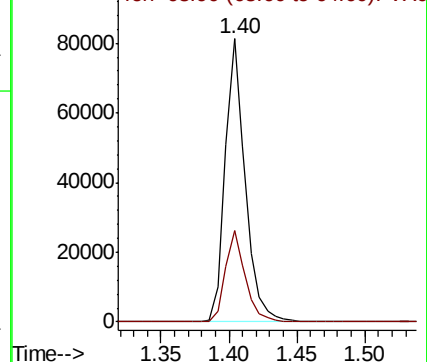
62 100

64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.05 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

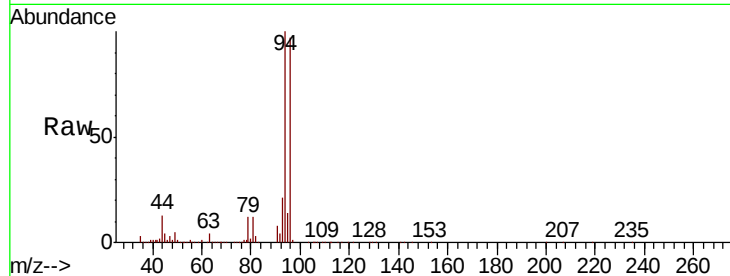
VX0906MBSD01

Tot Ion: 94 Resp: 39058

Ion Ratio Lower Upper

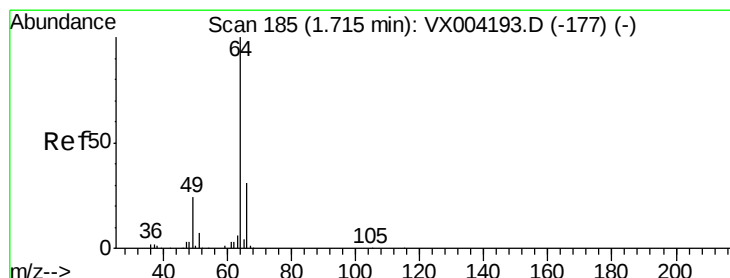
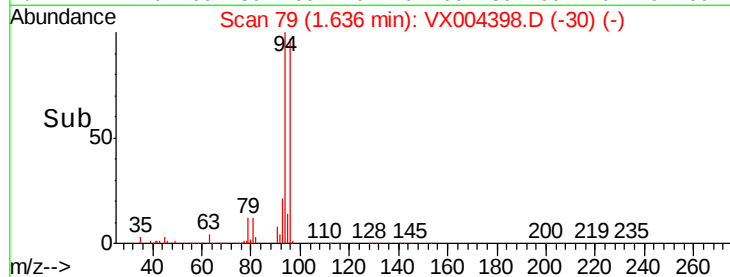
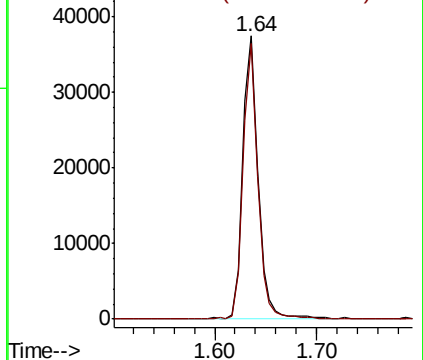
94 100

96 97.1 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: 19.20 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004398.D

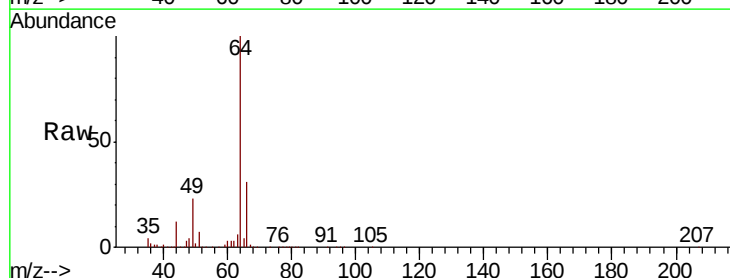
Acq: 06 Sep 2018 21:07

Tgt Ion: 64 Resp: 64461

Ion Ratio Lower Upper

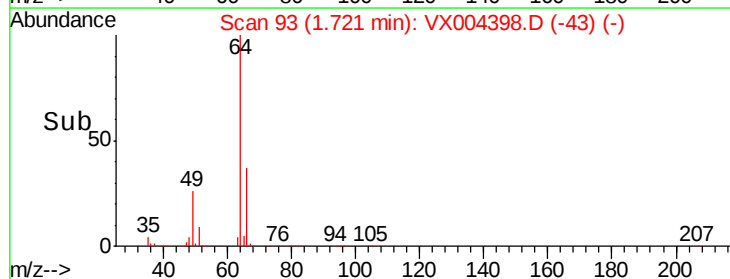
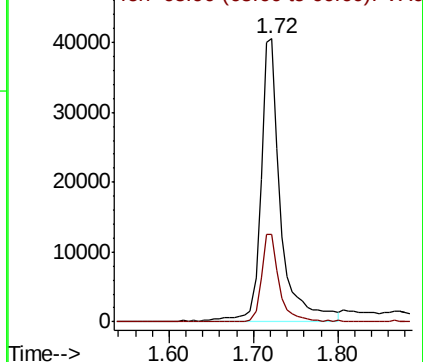
64 100

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: 18.65 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

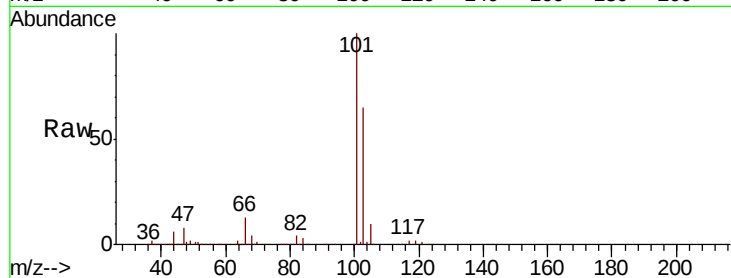
VX0906MBSD01

Tot Ion:101 Resp: 116250

Ion Ratio Lower Upper

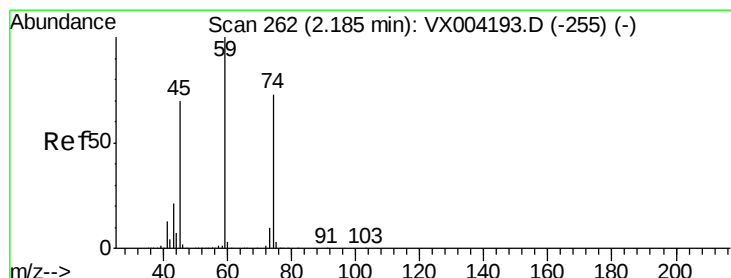
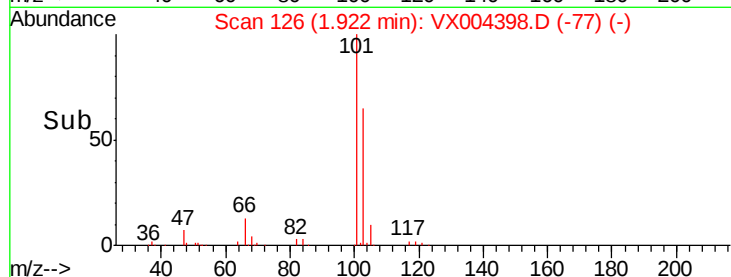
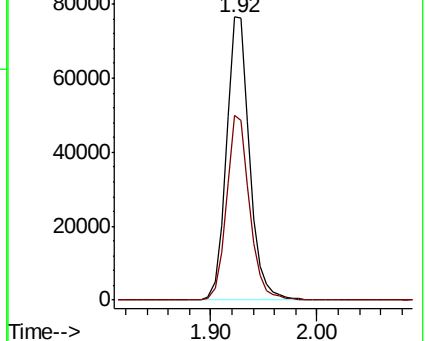
101 100

103 65.2 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.64 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.00 min

Lab File: VX004398.D

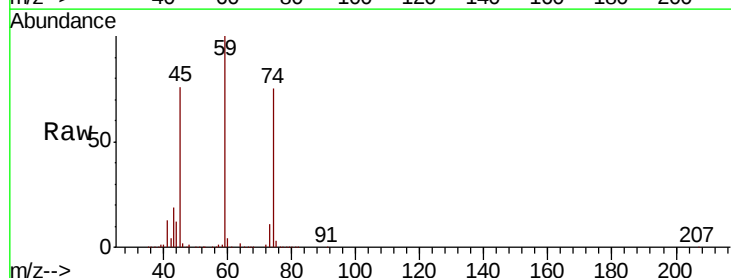
Acq: 06 Sep 2018 21:07

Tgt Ion: 74 Resp: 55084

Ion Ratio Lower Upper

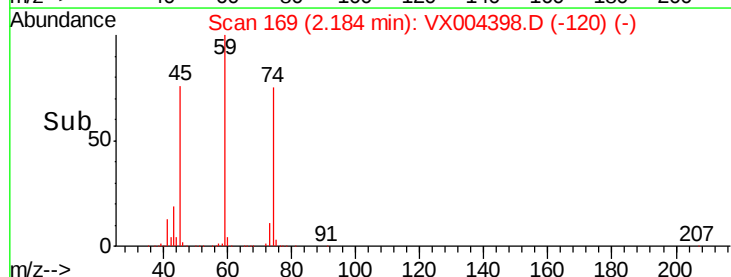
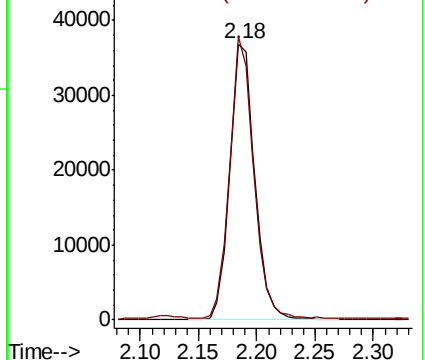
74 100

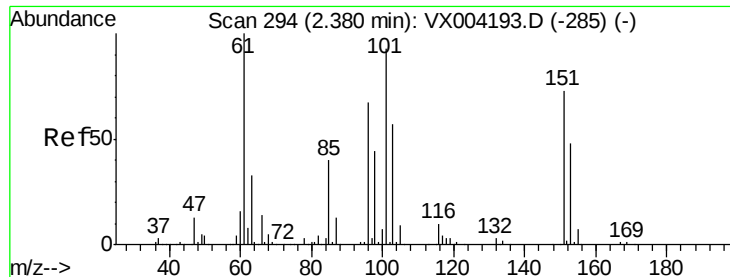
45 97.8 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.09 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBSD01

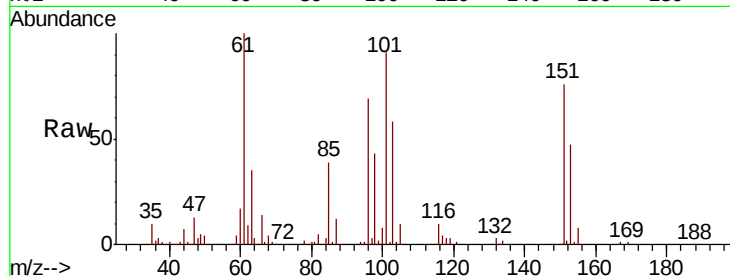
Tot Ion:101 Resp: 74508

Ion Ratio Lower Upper

101 100

85 41.6 34.2 51.4

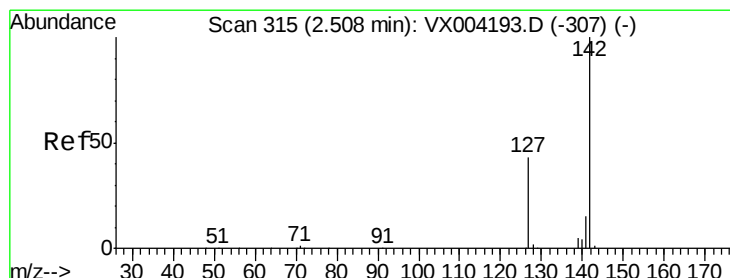
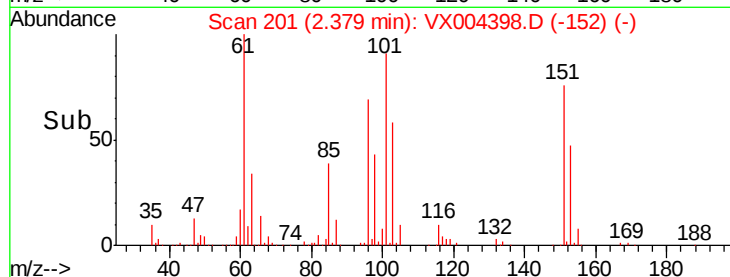
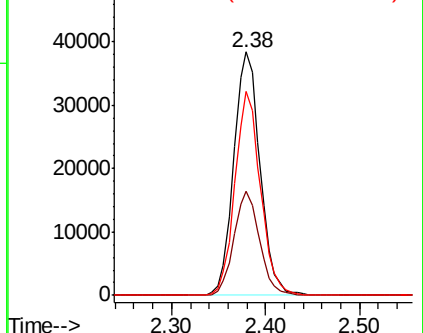
151 81.3 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.20 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

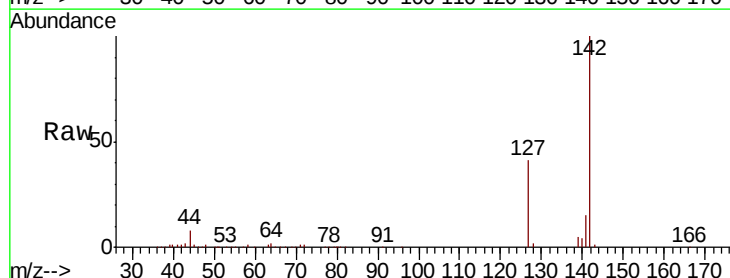
Tgt Ion:142 Resp: 71907

Ion Ratio Lower Upper

142 100

127 40.2 33.8 50.6

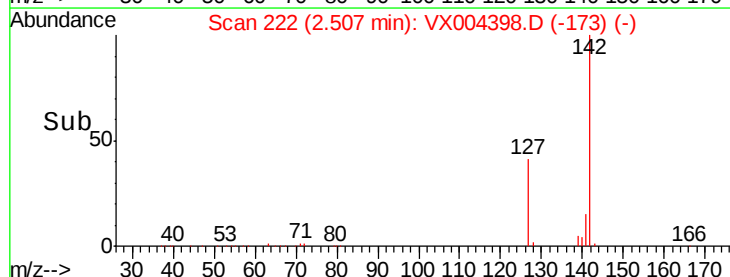
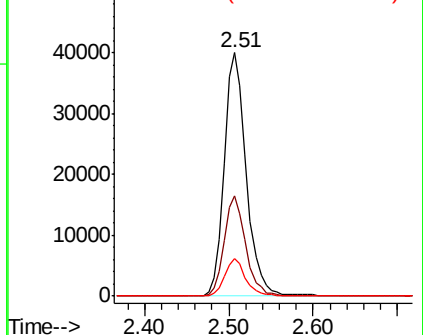
141 14.6 11.4 17.0

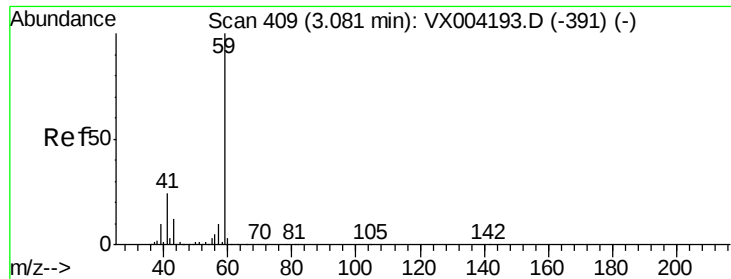


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

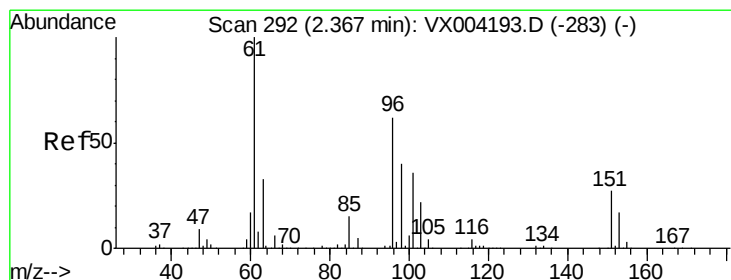
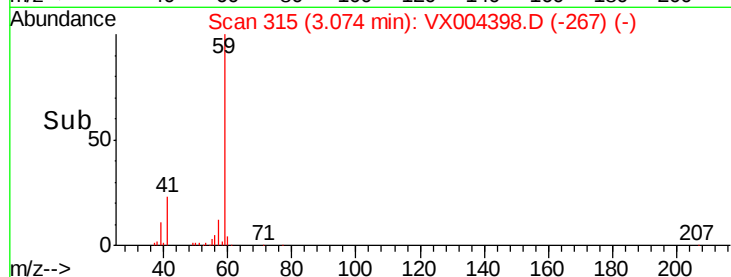
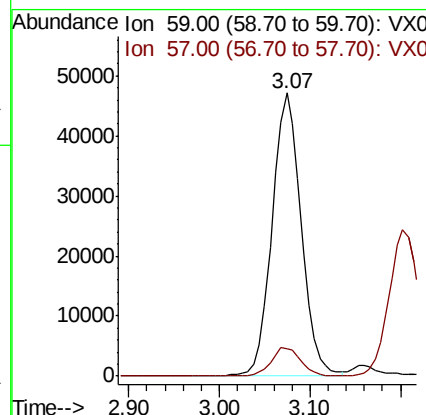
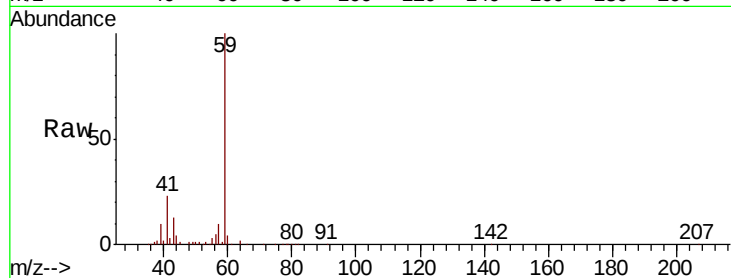




#11
Tert butyl alcohol
Concen: 108.52 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

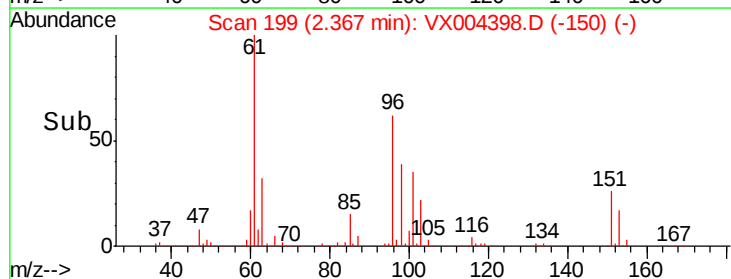
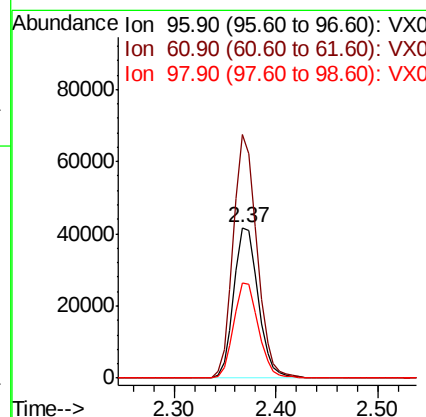
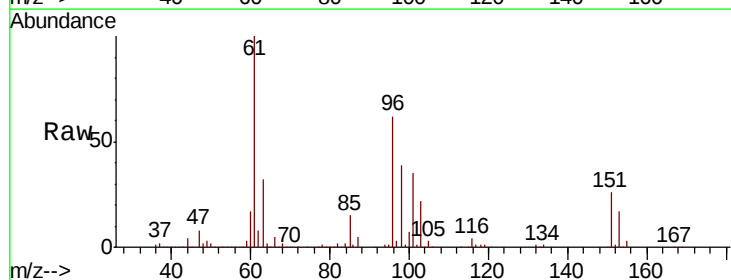
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

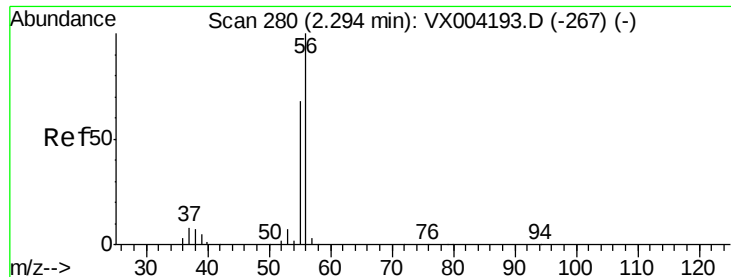
Tot Ion: 59 Resp: 104649
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.77 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

Tgt Ion: 96 Resp: 69022
Ion Ratio Lower Upper
96 100
61 161.6 128.8 193.2
98 63.2 52.2 78.2





#13

Acrolein

Concen: 102.80 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

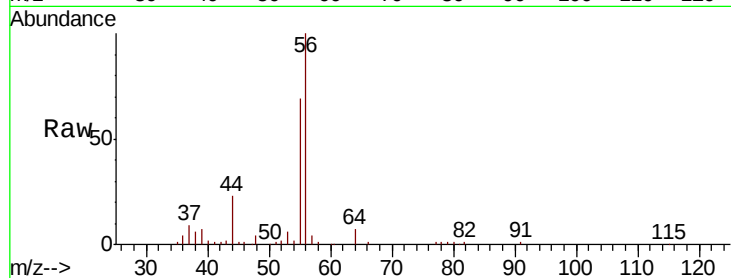
VX0906MBS01

Tot Ion: 56 Resp: 23901

Ion Ratio Lower Upper

56 100

55 69.4 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

15000

10000

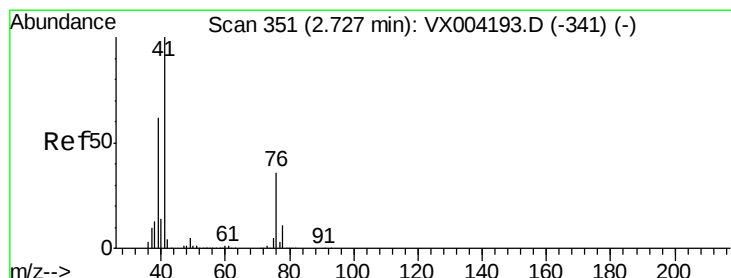
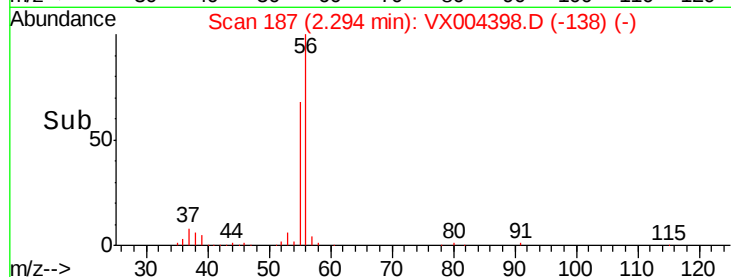
5000

0

2.29

2.20 2.30 2.40

Time-->



#14

Allyl chloride

Concen: 19.57 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

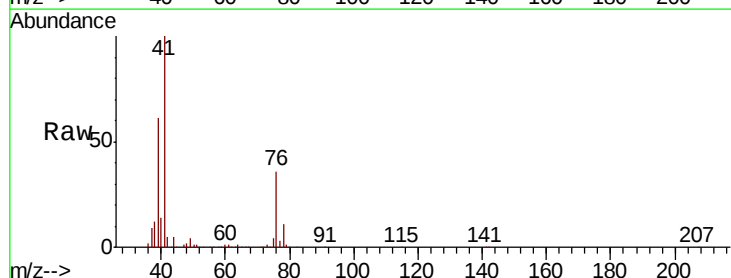
Tgt Ion: 41 Resp: 132185

Ion Ratio Lower Upper

41 100

39 57.7 48.9 73.3

76 32.4 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

40000

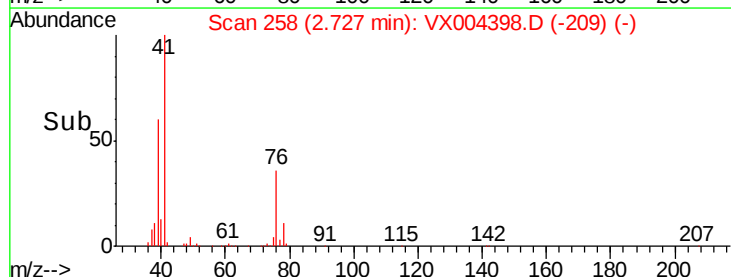
20000

0

2.73

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 105.08 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBSD01

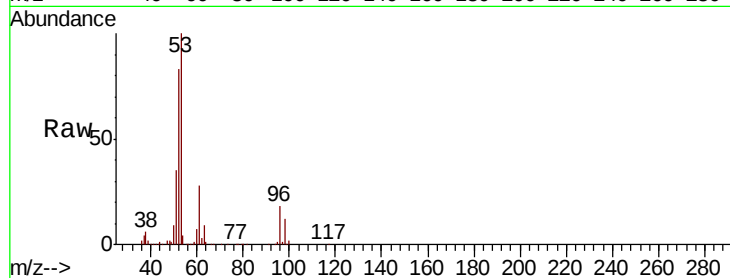
Tot Ion: 53 Resp: 250963

Ion Ratio Lower Upper

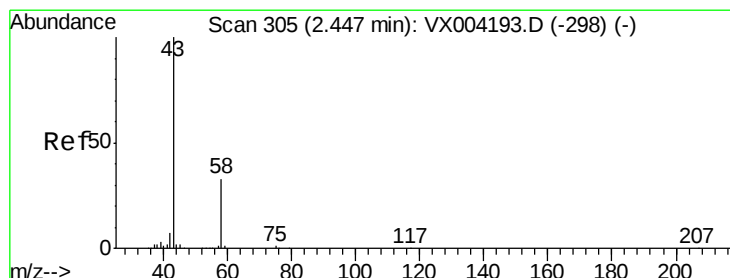
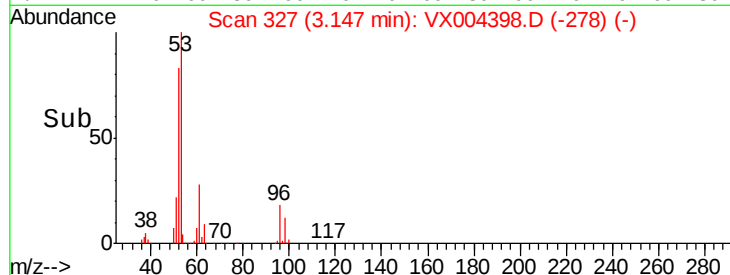
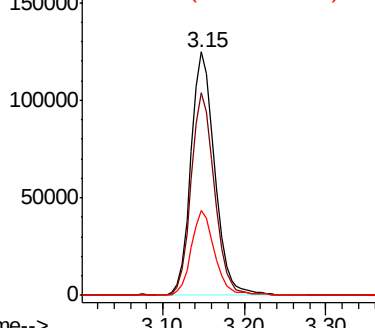
53 100

52 81.7 65.2 97.8

51 34.3 28.2 42.2



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



#16

Acetone

Concen: 104.92 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004398.D

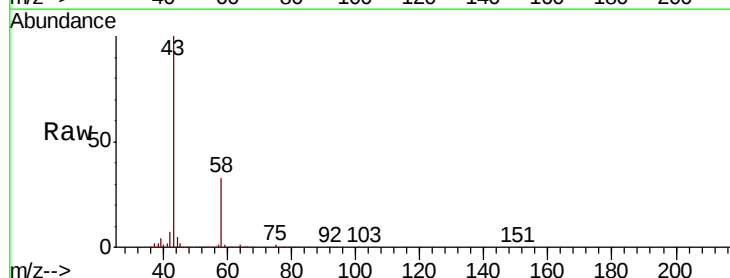
Acq: 06 Sep 2018 21:07

Tgt Ion: 43 Resp: 202413

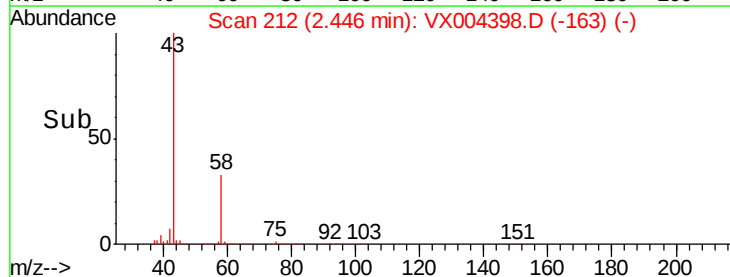
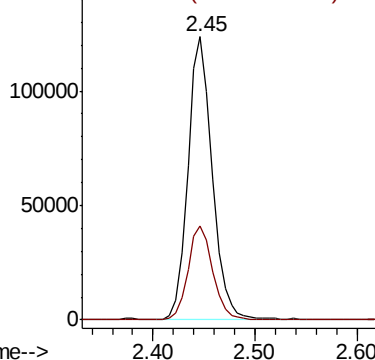
Ion Ratio Lower Upper

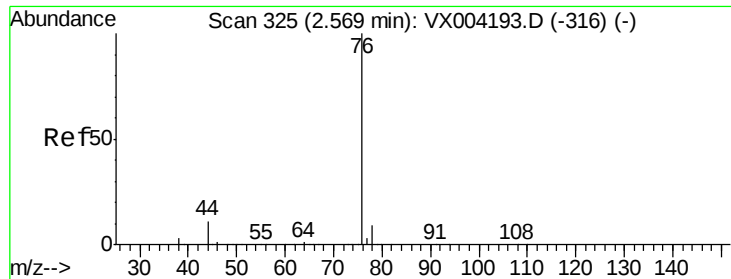
43 100

58 33.1 26.2 39.4



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

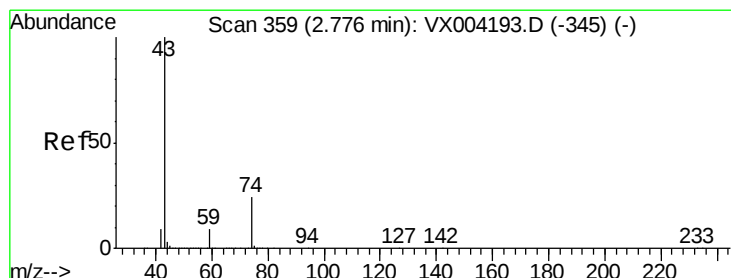
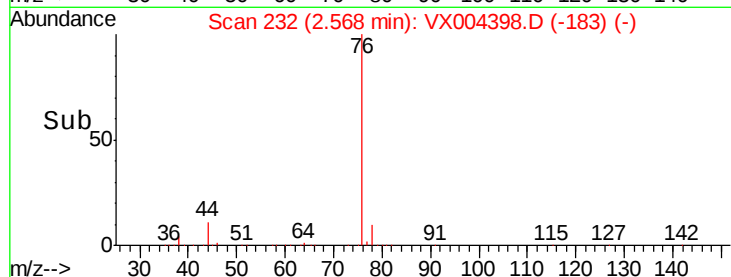
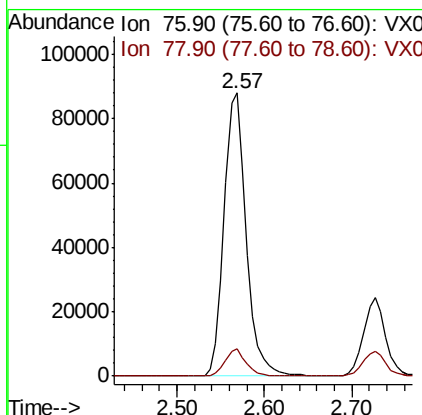
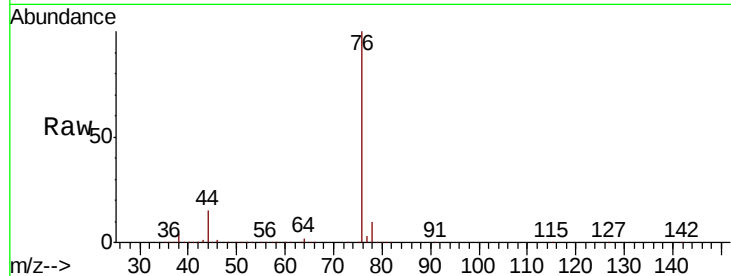




#17
Carbon Disulfide
Concen: 15.66 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

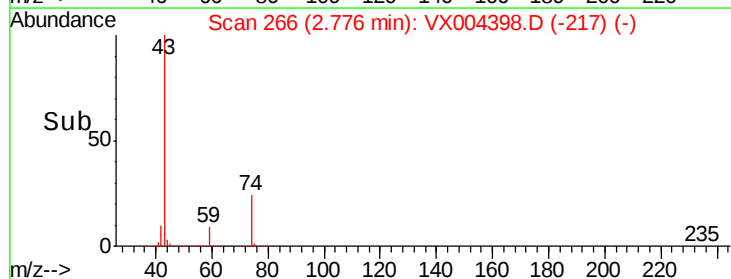
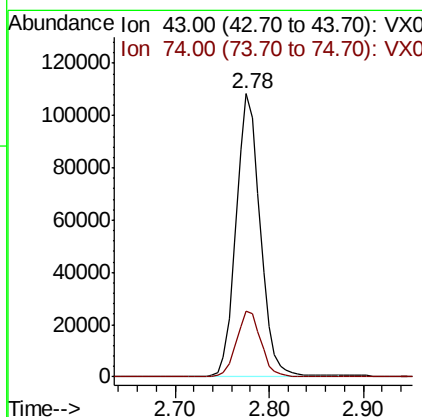
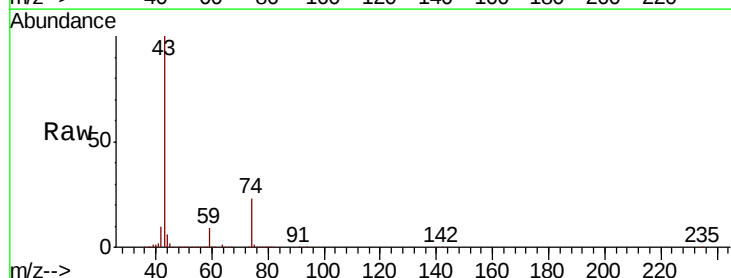
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBSD01

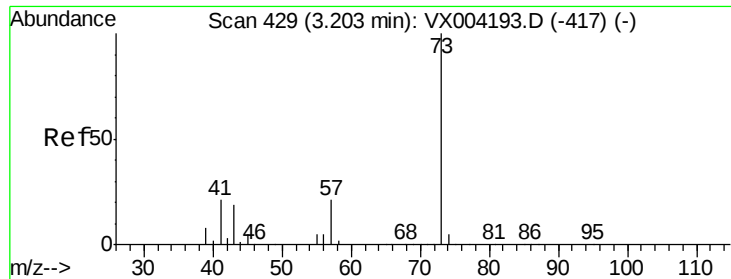
Tot Ion: 76 Resp: 154253
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6



#18
Methyl Acetate
Concen: 28.60 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

Tgt Ion: 43 Resp: 191968
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2

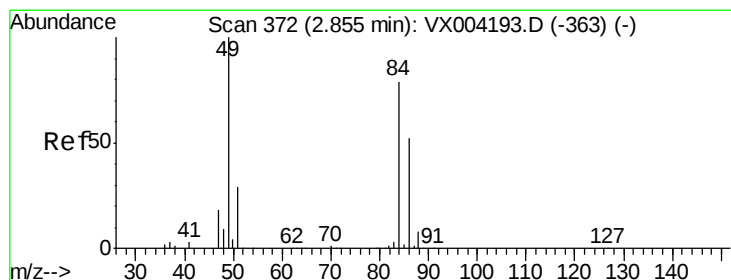
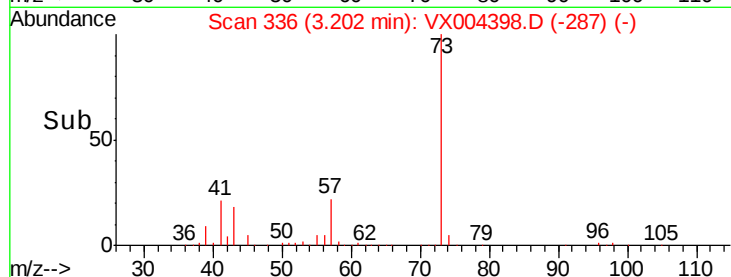
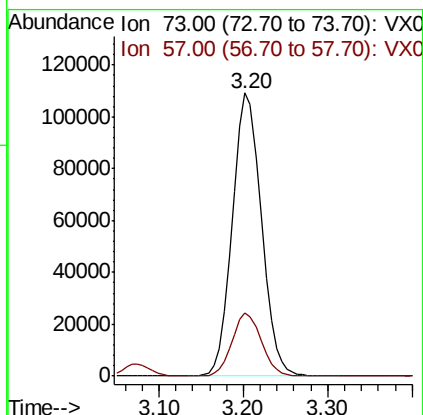
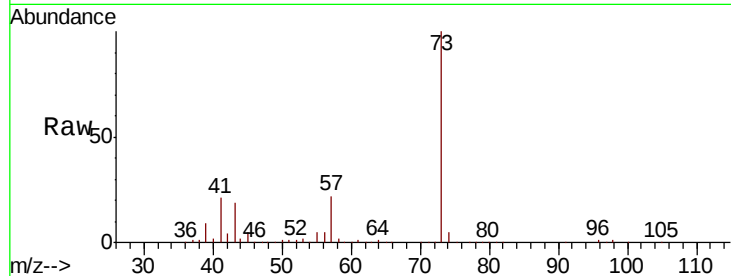




#19
Methyl tert-butyl Ether
Concen: 21.06 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

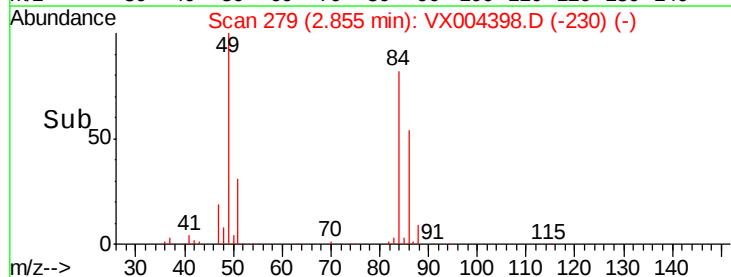
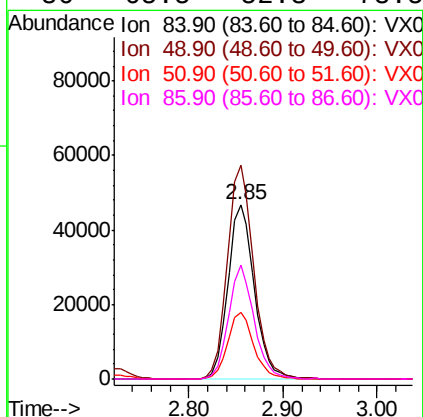
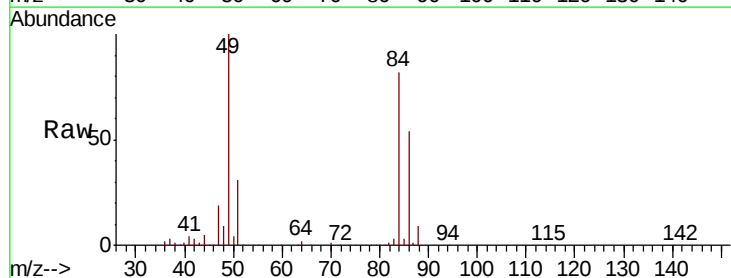
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

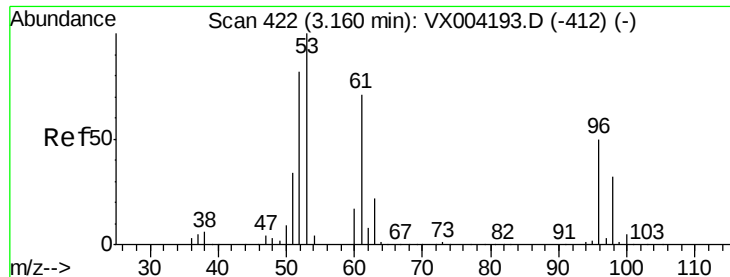
Tot Ion: 73 Resp: 255148
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7



#20
Methylene Chloride
Concen: 20.90 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

Tgt Ion: 84 Resp: 91033
Ion Ratio Lower Upper
84 100
49 122.4 101.2 151.8
51 38.3 29.5 44.3
86 65.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.39 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBSD01

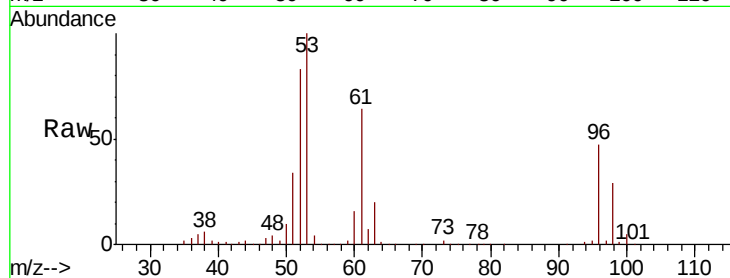
Tot Ion: 96 Resp: 74846

Ion Ratio Lower Upper

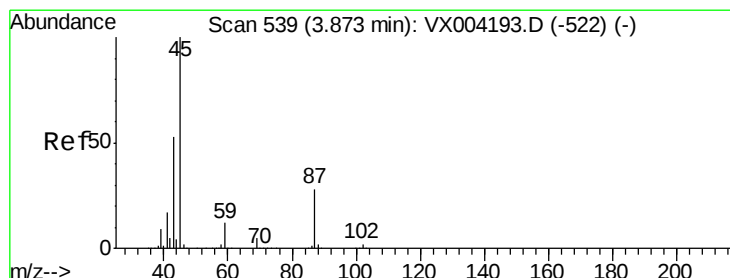
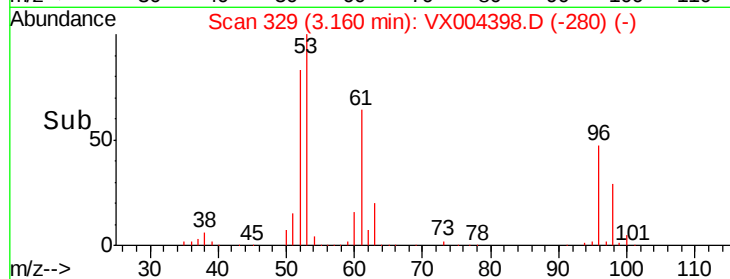
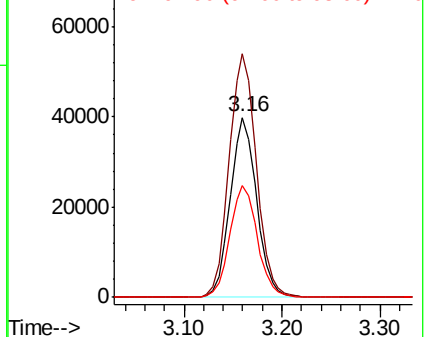
96 100

61 135.3 113.8 170.6

98 61.9 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: 20.46 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Tgt Ion: 45 Resp: 258024

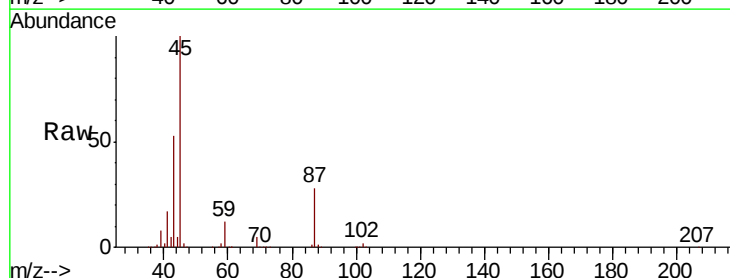
Ion Ratio Lower Upper

45 100

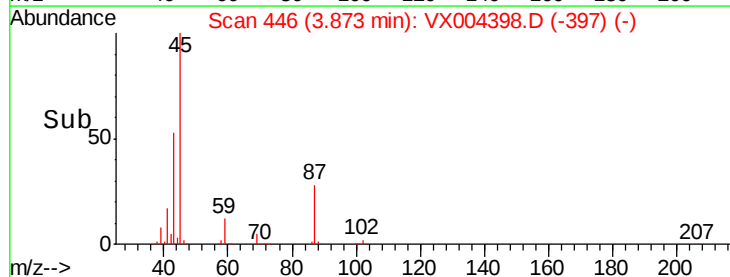
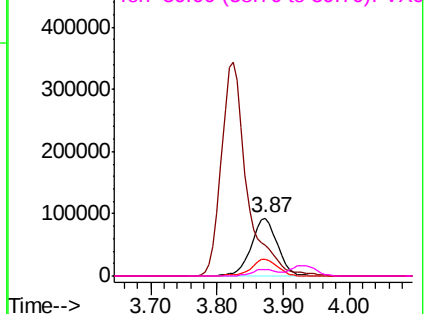
43 52.8 42.8 64.2

87 28.4 22.6 34.0

59 11.9 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 90.83 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

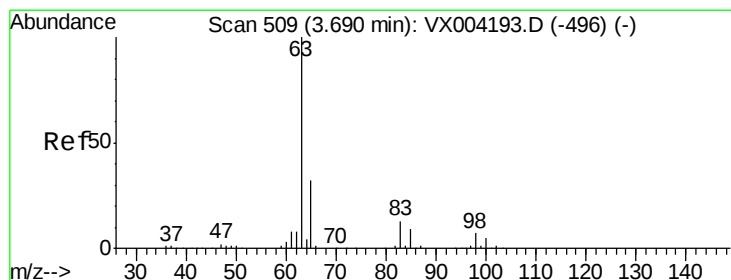
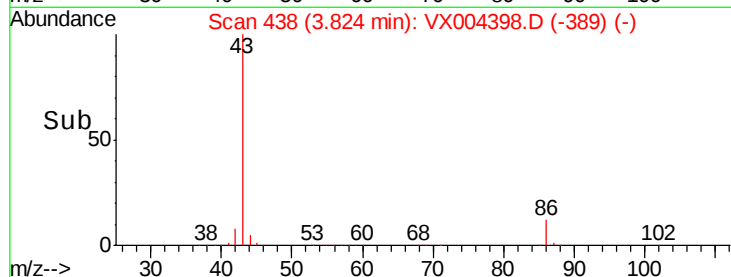
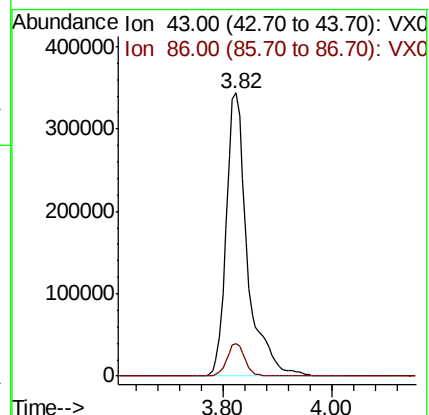
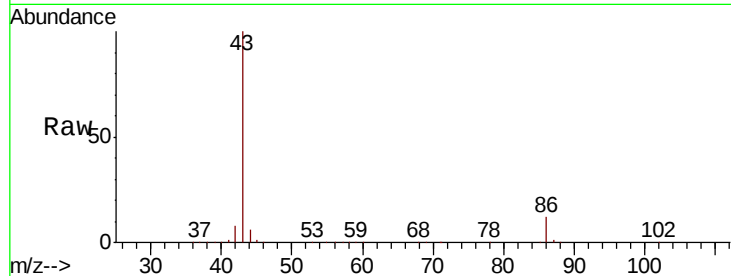
VX0906MBSD01

Tot Ion: 43 Resp: 928545

Ion Ratio Lower Upper

43 100

86 11.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 20.35 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

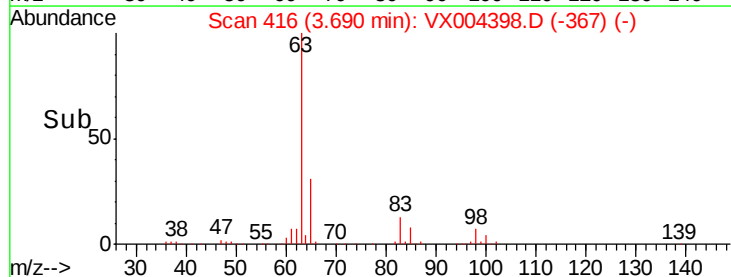
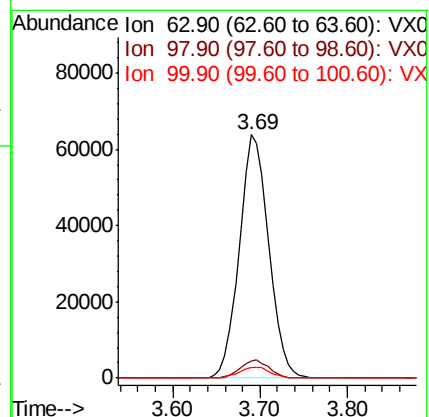
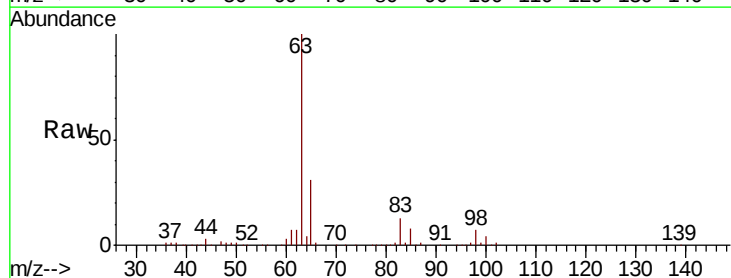
Tgt Ion: 63 Resp: 149605

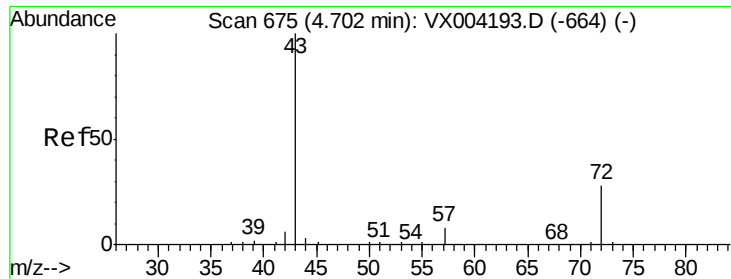
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 104.23 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

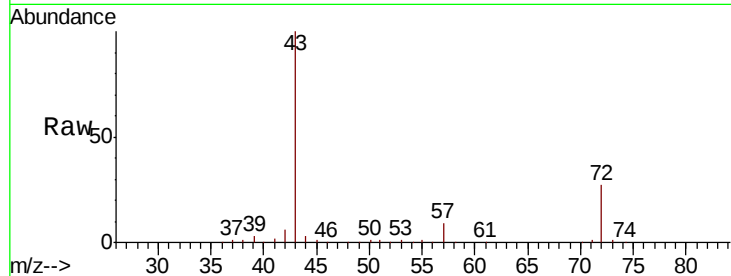
VX0906MBSD01

Tot Ion: 43 Resp: 320978

Ion Ratio Lower Upper

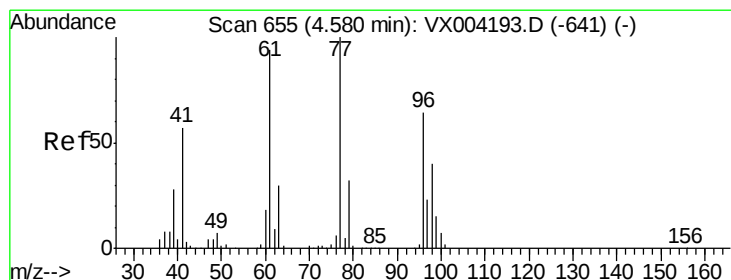
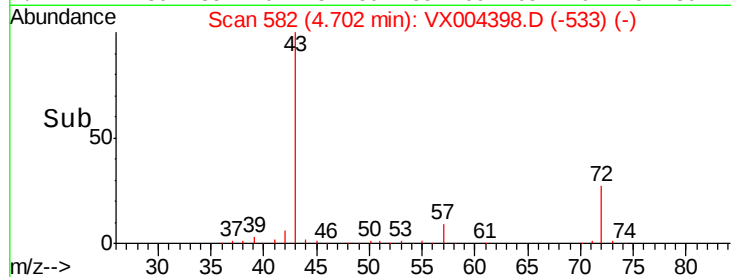
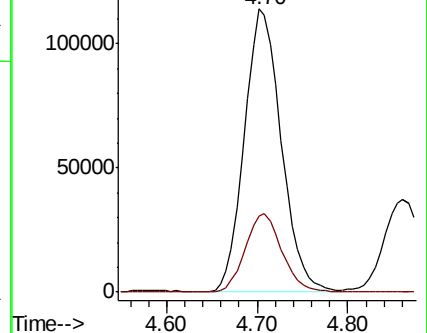
43 100

72 26.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 14.53 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004398.D

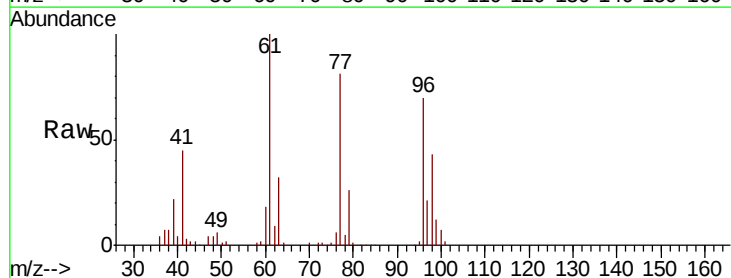
Acq: 06 Sep 2018 21:07

Tgt Ion: 77 Resp: 83754

Ion Ratio Lower Upper

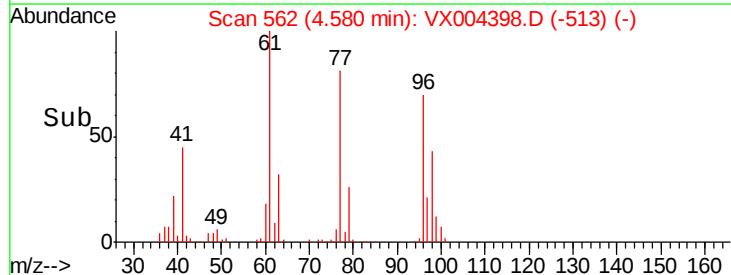
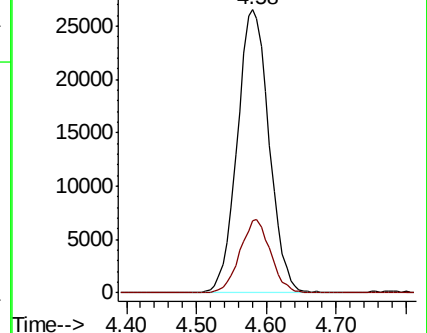
77 100

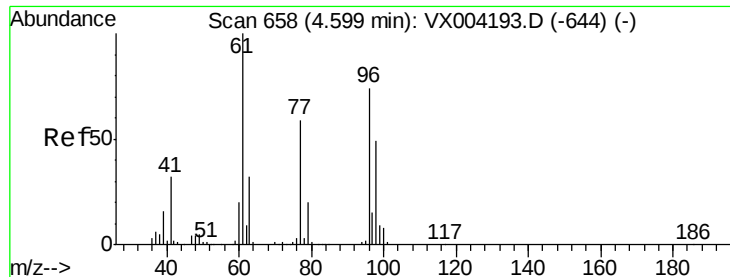
97 25.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



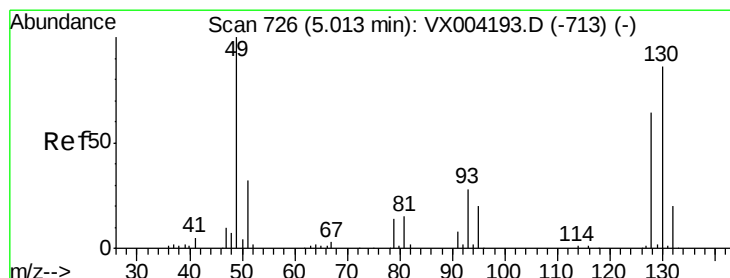
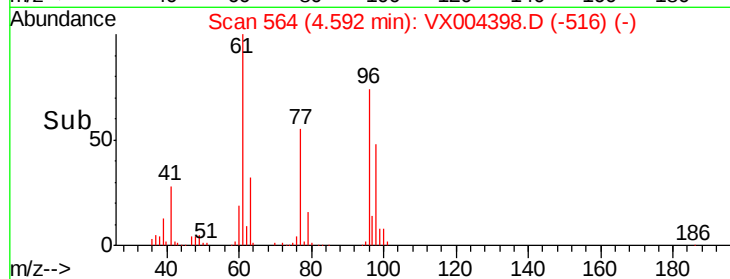
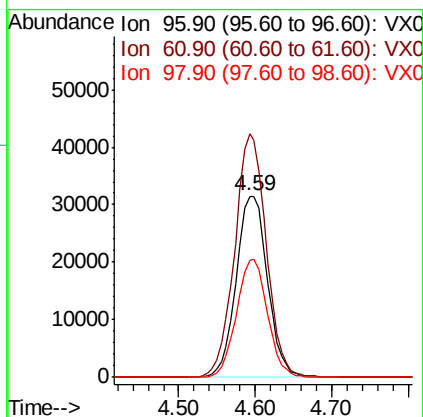
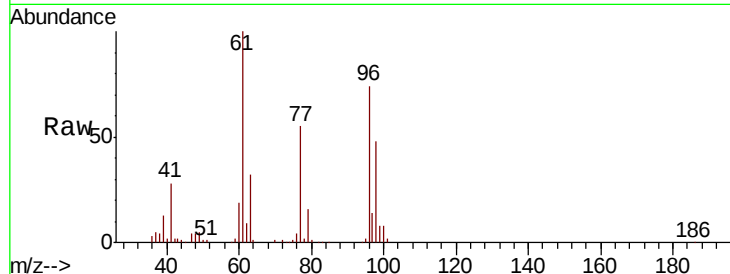


#27

cis-1,2-Dichloroethene
 Concen: 19.34 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

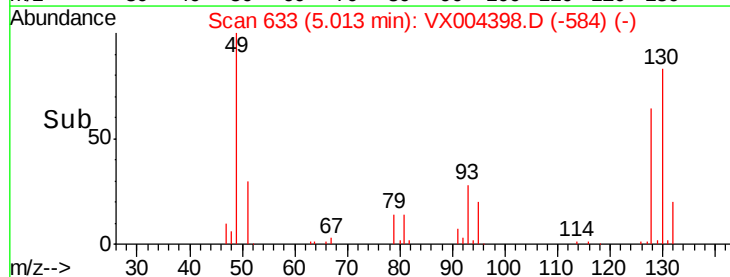
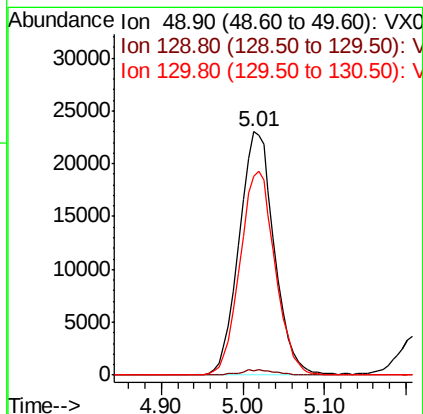
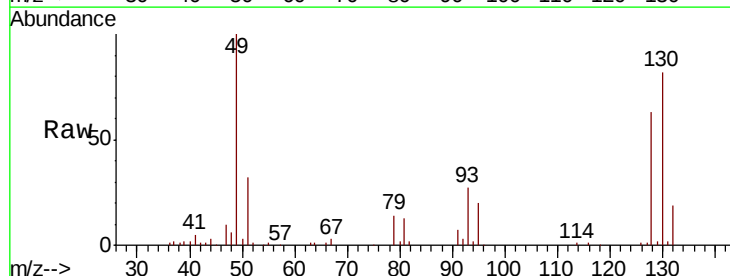
Tot Ion	Ratio	Lower	Upper
96	100		
61	135.6	0.0	282.6
98	64.5	0.0	130.2

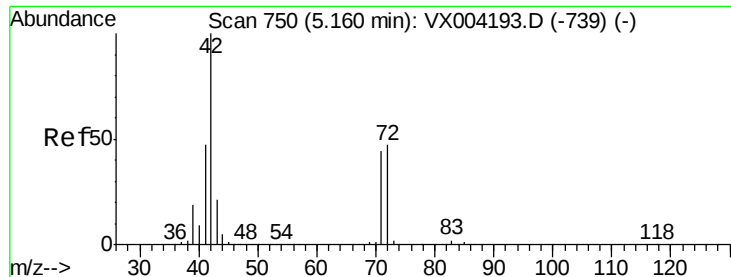


#28

Bromochloromethane
 Concen: 21.19 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	83.5	67.5	101.3





#29

Tetrahydrofuran

Concen: 104.96 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

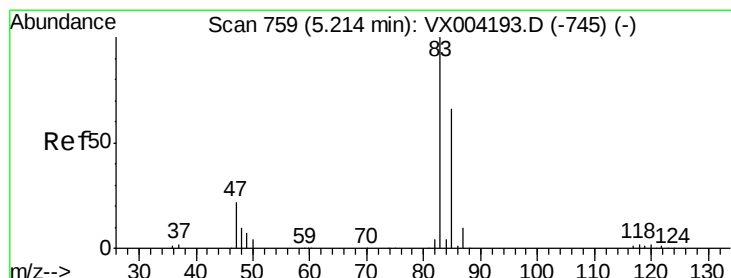
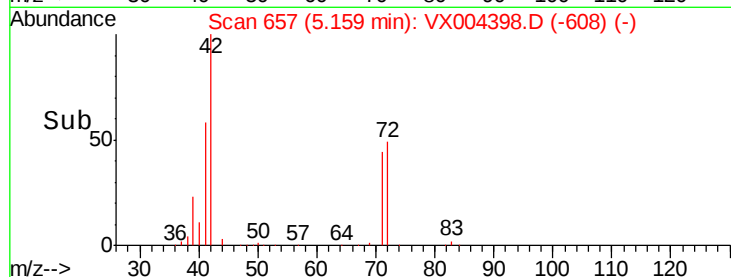
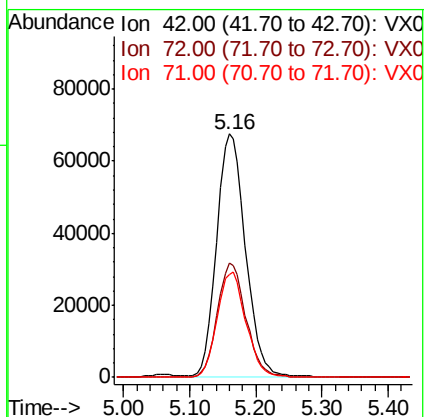
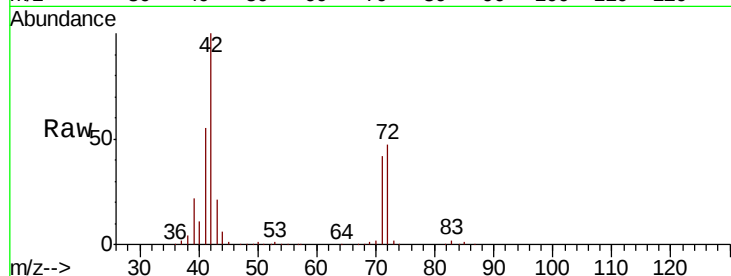
Tot Ion: 42 Resp: 204001

Ion Ratio Lower Upper

42 100

72 46.8 37.4 56.0

71 43.3 34.5 51.7



#30

Chloroform

Concen: 19.64 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004398.D

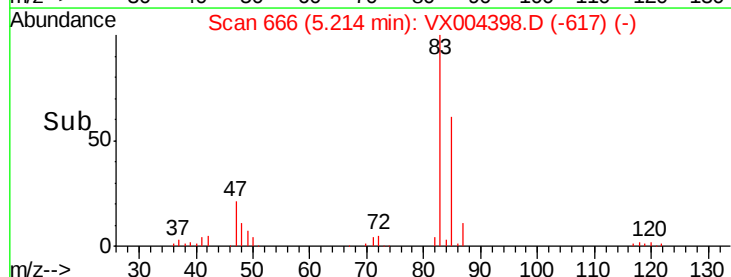
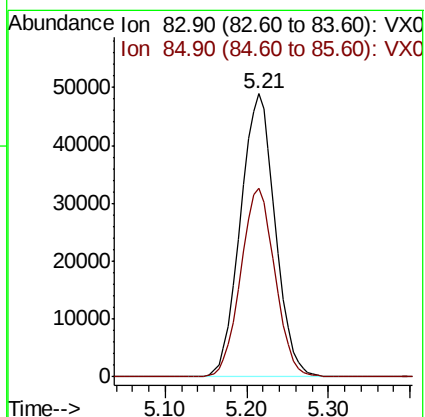
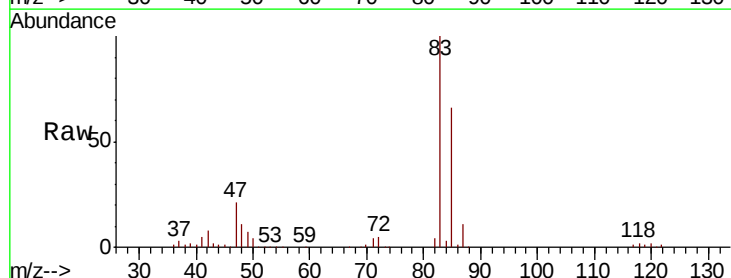
Acq: 06 Sep 2018 21:07

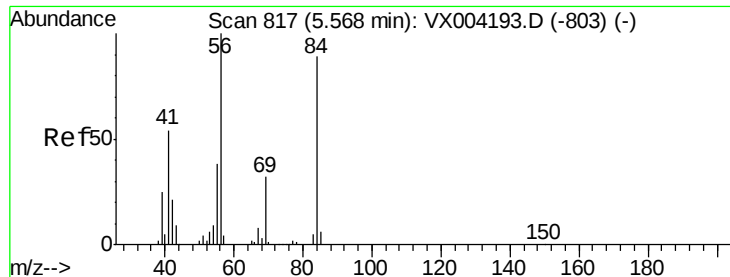
Tgt Ion: 83 Resp: 144758

Ion Ratio Lower Upper

83 100

85 66.5 52.6 79.0





#31

Cyclohexane

Concen: 18.71 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBSD01

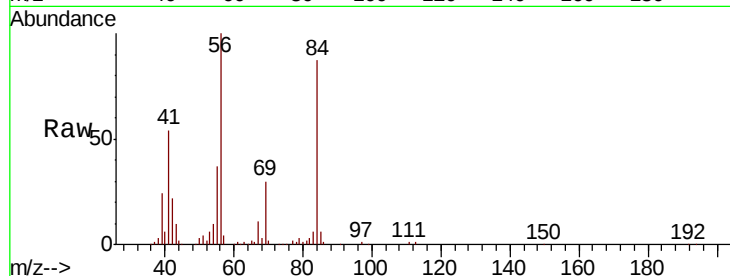
Tot Ion: 56 Resp: 118699

Ion Ratio Lower Upper

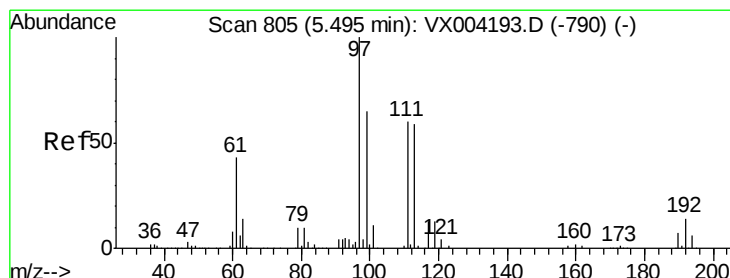
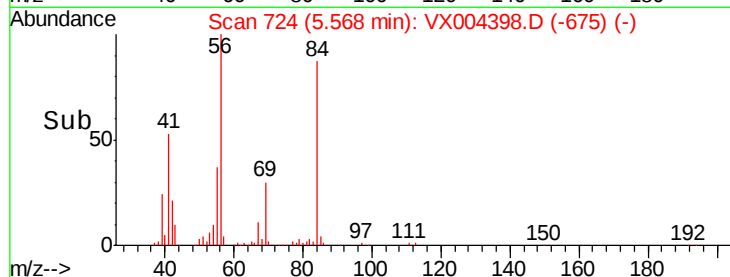
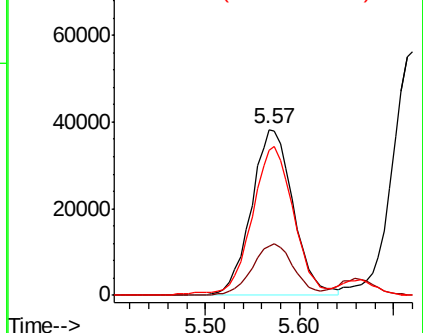
56 100

69 29.6 25.4 38.2

84 86.1 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: 19.11 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

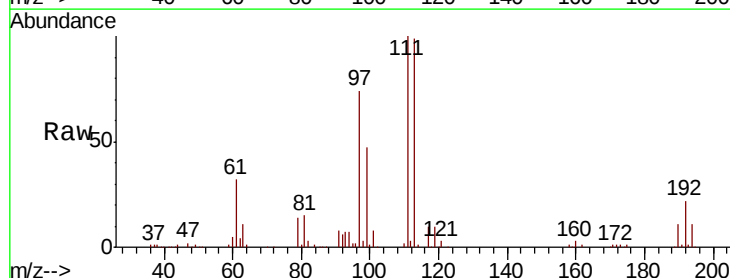
Tgt Ion: 97 Resp: 117426

Ion Ratio Lower Upper

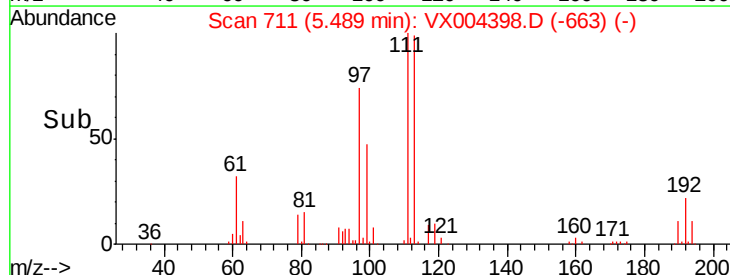
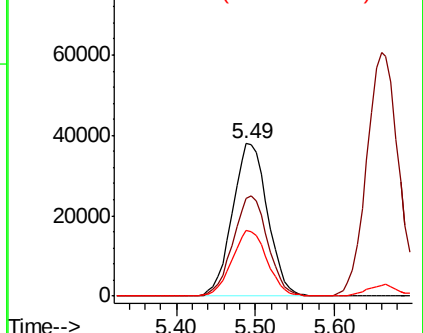
97 100

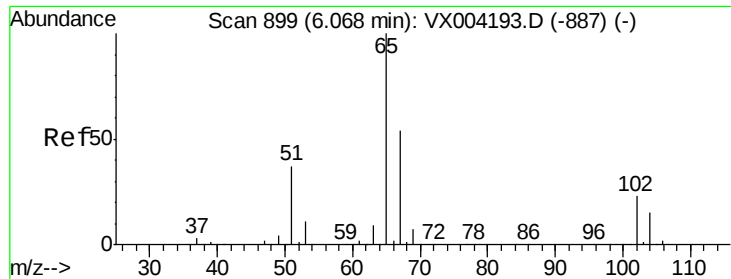
99 64.8 52.0 78.0

61 43.2 34.9 52.3



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

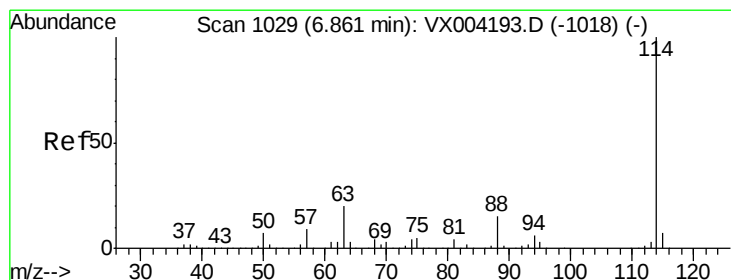
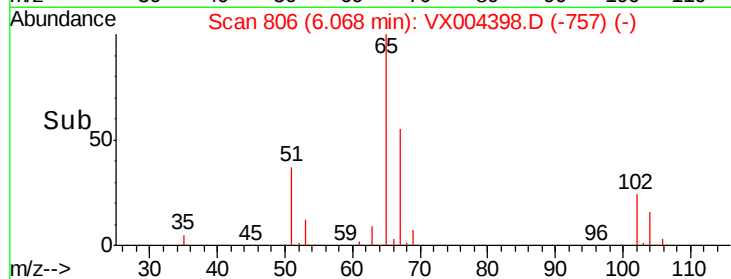
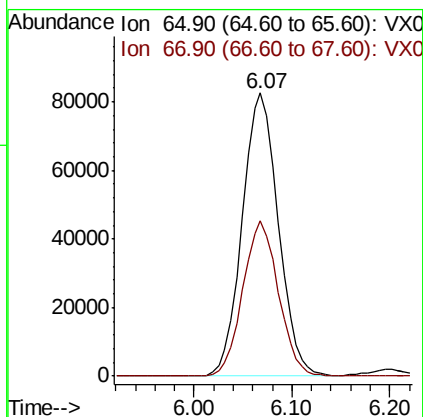
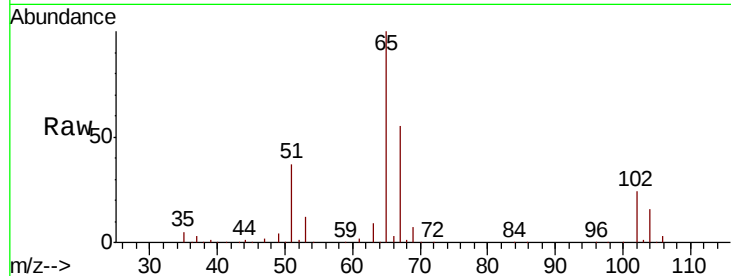




#33
 1,2-Dichloroethane-d4
 Concen: 46.73 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

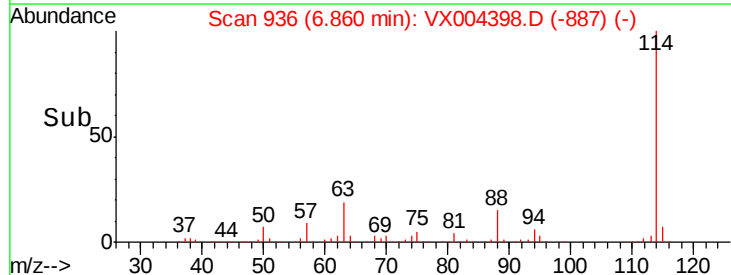
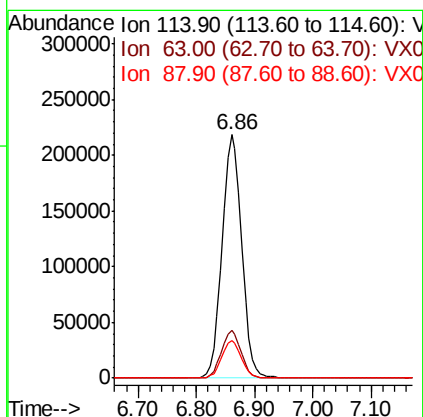
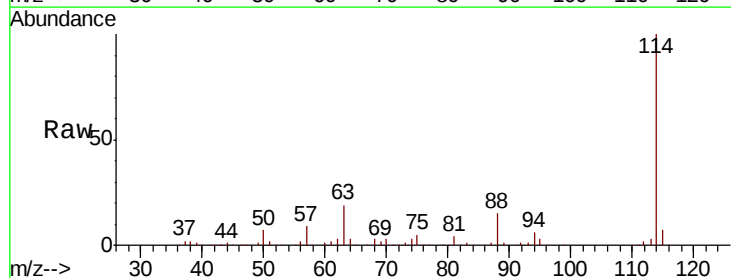
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBSD01

Tot Ion: 65 Resp: 211419
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Tgt Ion: 114 Resp: 510061
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.2 0.0 30.4

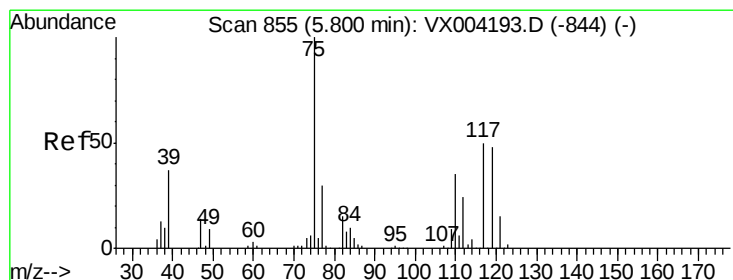
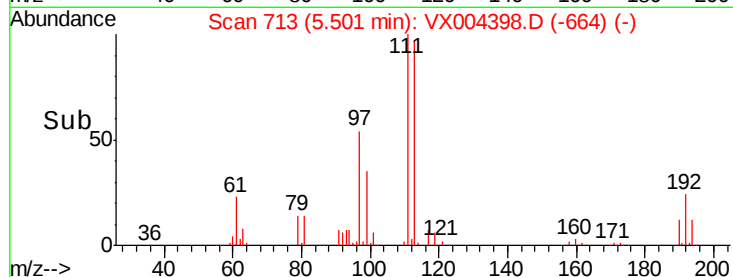
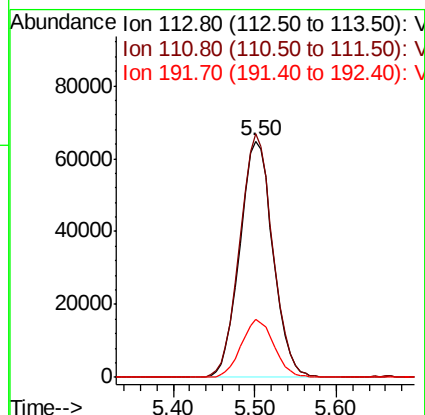
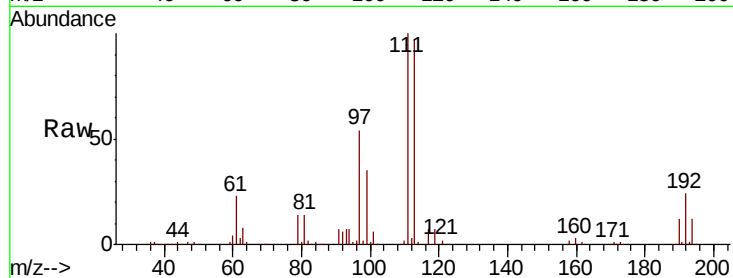




#35
 Dibromofluoromethane
 Concen: 48.28 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

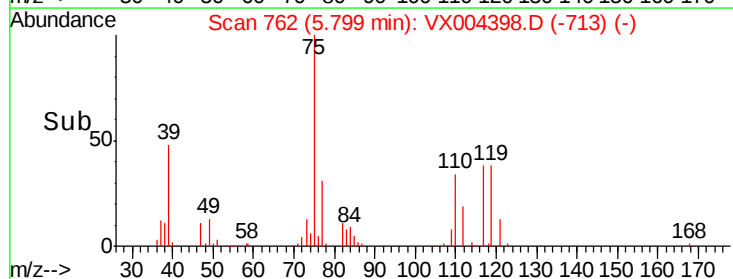
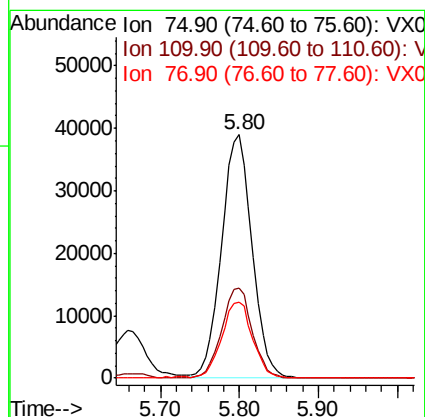
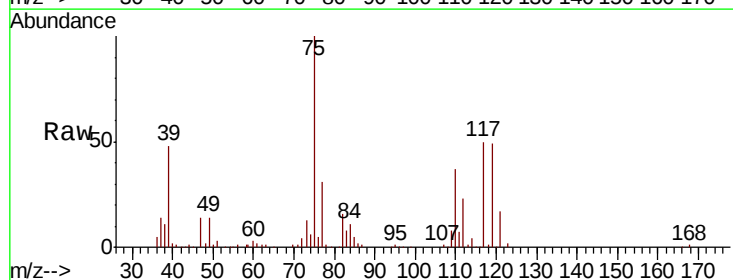
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

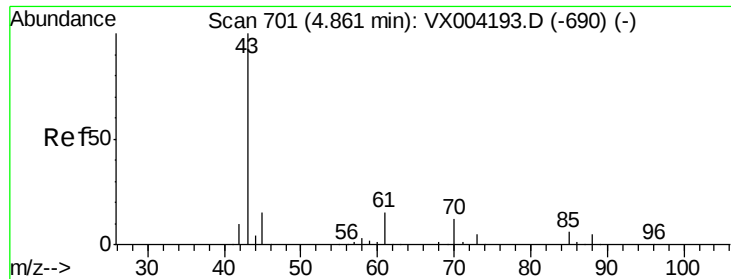
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	24.2	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 18.38 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.0	54.0
77	31.6	24.6	36.8

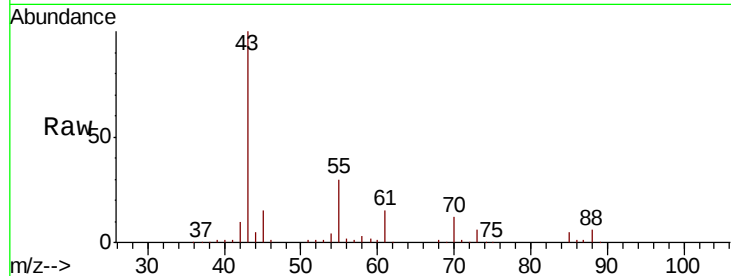




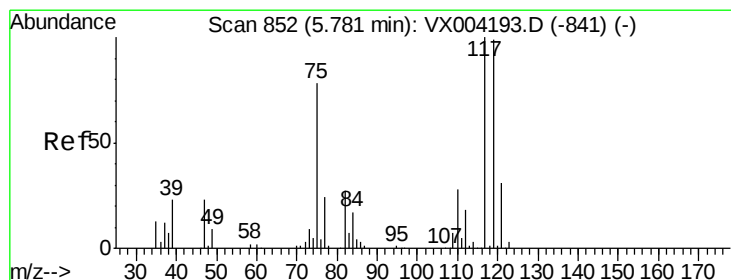
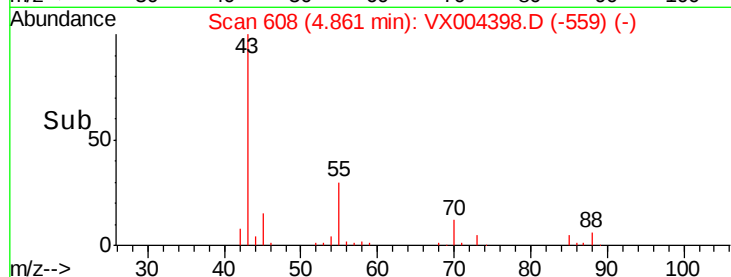
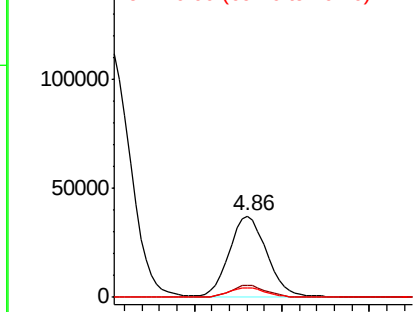
#37
Ethyl Acetate
Concen: 19.65 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion: 43 Resp: 110836
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.8 9.0 13.6

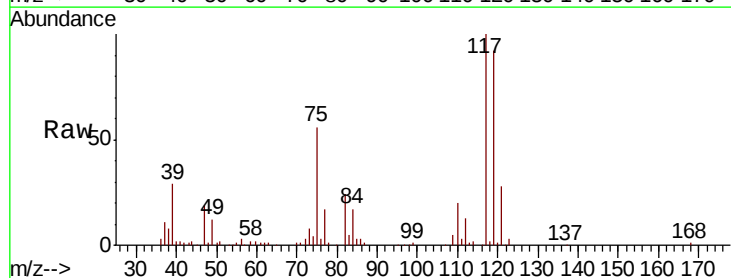


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

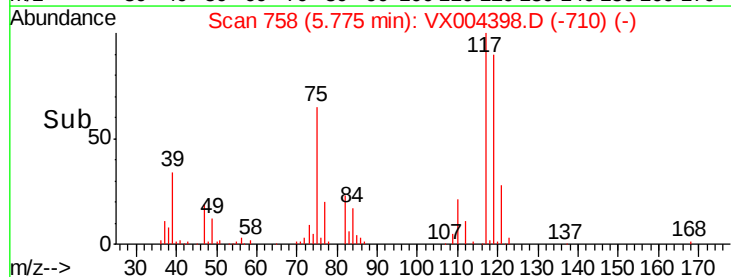
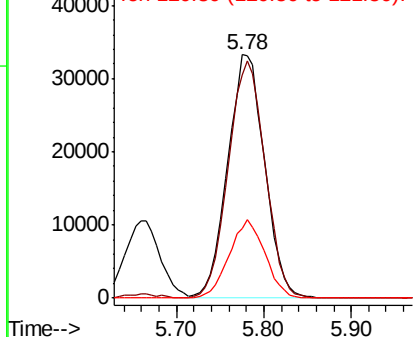


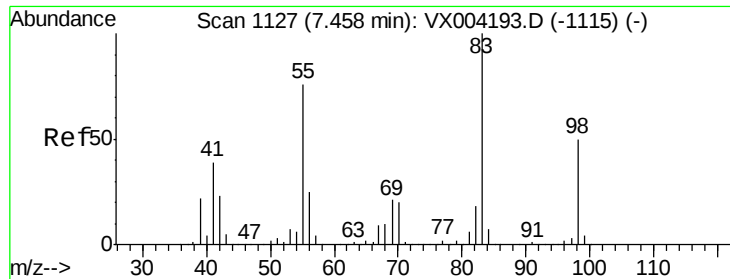
#38
Carbon Tetrachloride
Concen: 18.14 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

Tgt Ion: 117 Resp: 97829
Ion Ratio Lower Upper
117 100
119 91.6 78.8 118.2
121 28.4 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

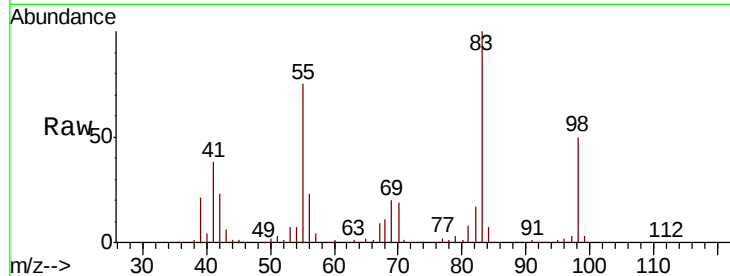




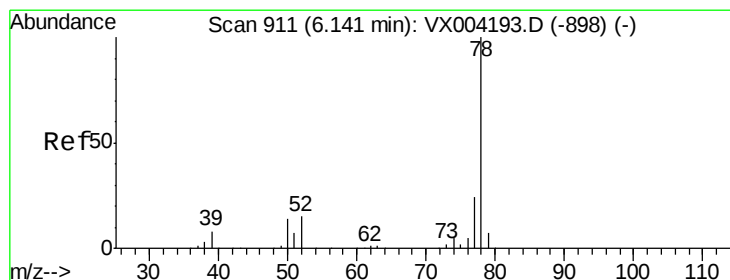
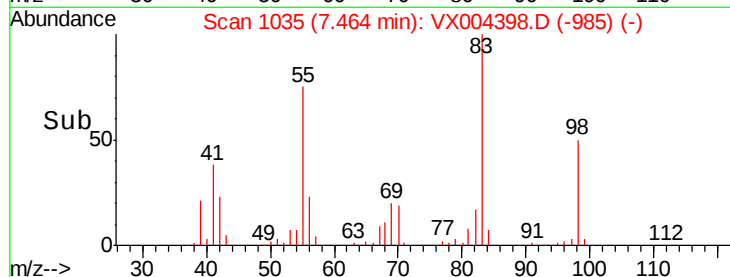
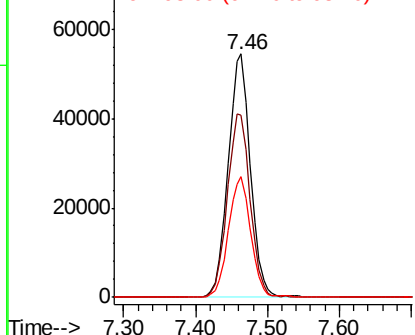
#39
Methvlcvclohexane
Concen: 17.94 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBSD01

Tot Ion: 83 Resp: 117483
Ion Ratio Lower Upper
83 100
55 74.8 61.0 91.4
98 49.7 39.6 59.4

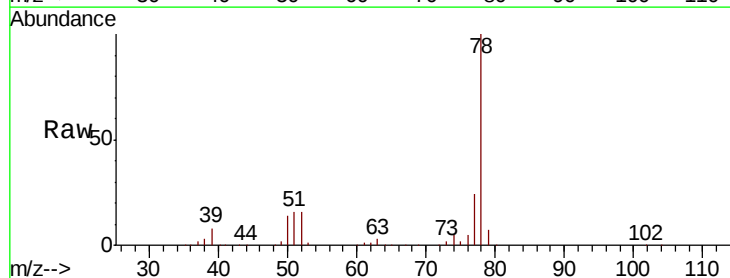


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

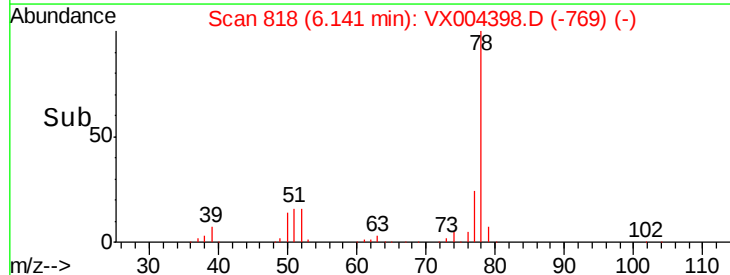
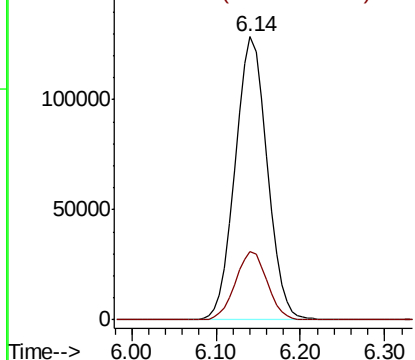


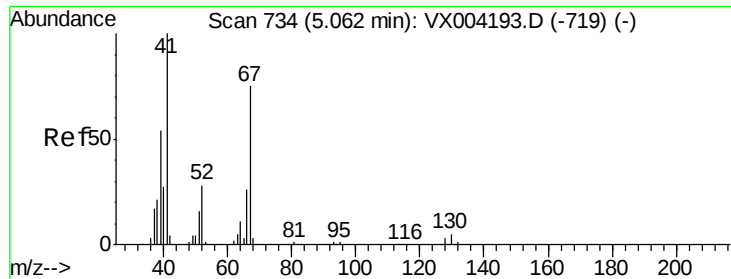
#40
Benzene
Concen: 19.28 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

Tgt Ion: 78 Resp: 330416
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4



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

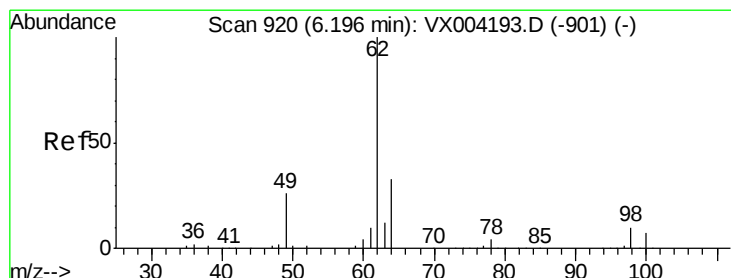
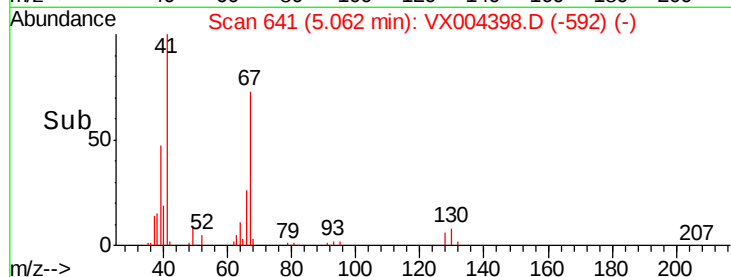
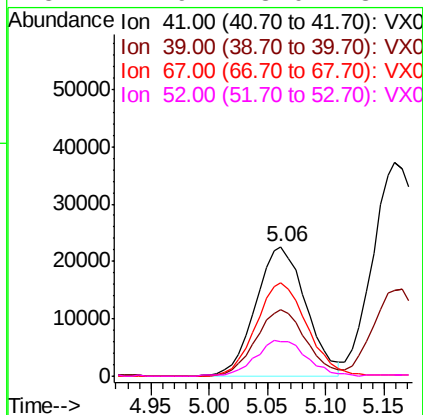
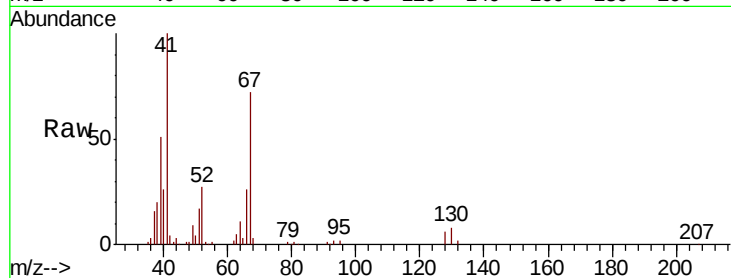




#41
Methacrylonitrile
Concen: 20.52 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

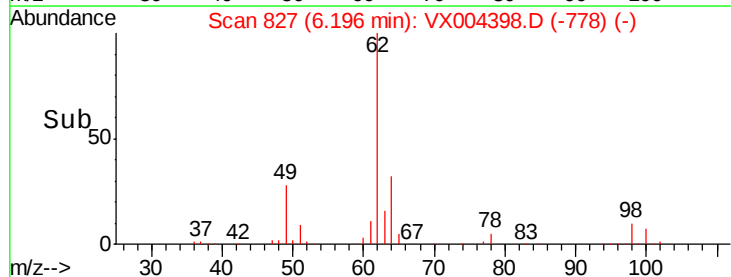
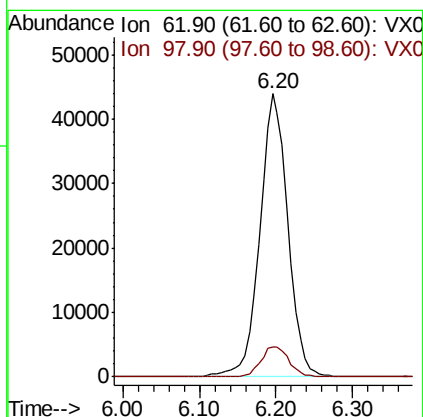
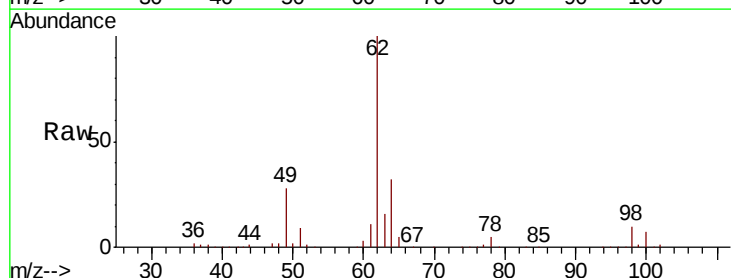
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBSD01

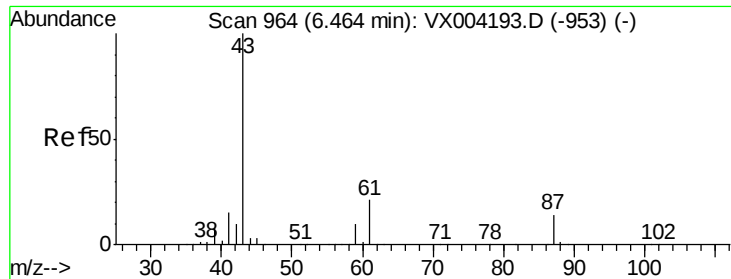
Tot Ion:	41	Resp:	67069
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.4	63.6
67	74.3	59.2	88.8
52	27.9	23.0	34.4



#42
1,2-Dichloroethane
Concen: 19.16 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

Tgt Ion:	62	Resp:	111957
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6



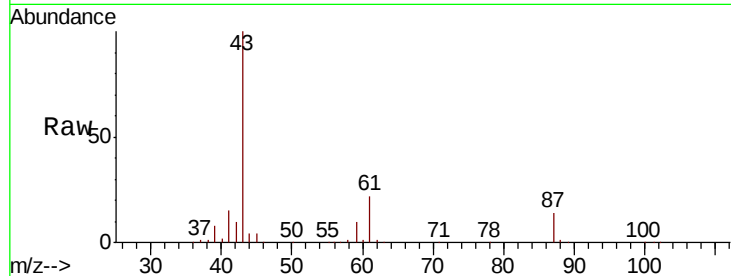


#43

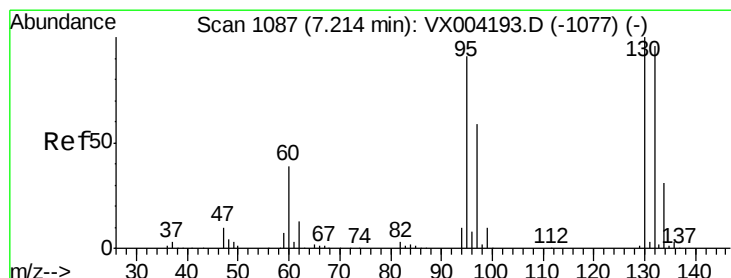
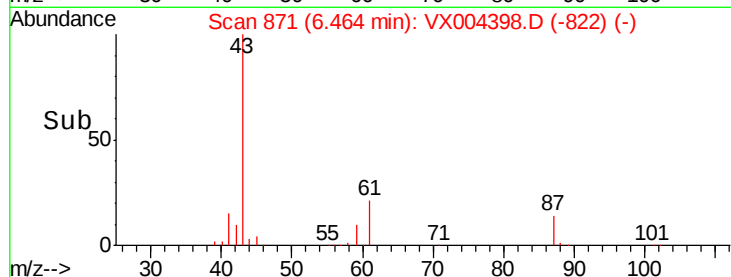
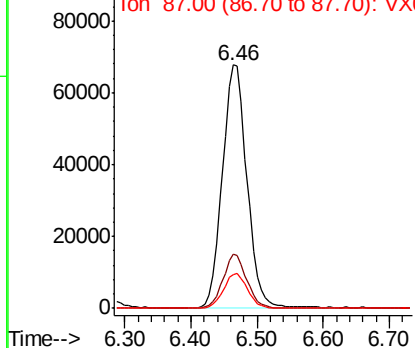
Isopropyl Acetate
 Concen: 20.02 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Tot Ion: 43 Resp: 173480
 Ion Ratio Lower Upper
 43 100
 61 21.5 17.0 25.4
 87 14.1 11.4 17.2



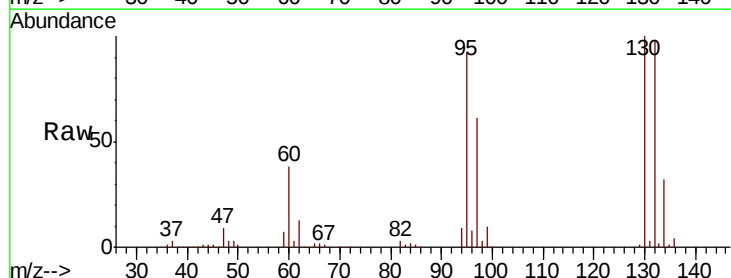
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



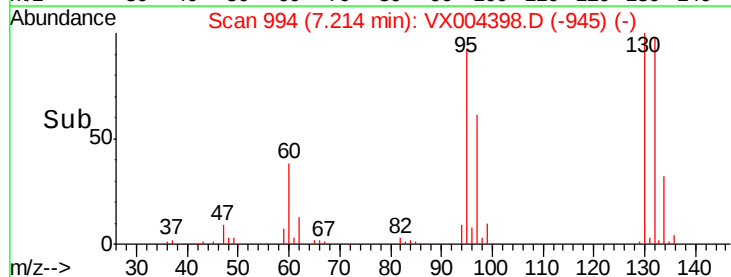
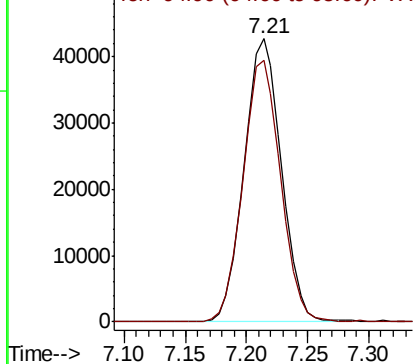
#44

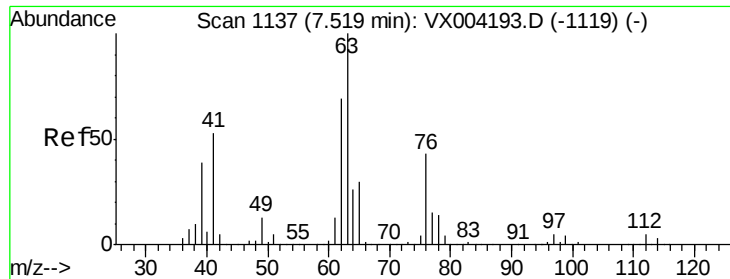
Trichloroethene
 Concen: 19.09 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Tgt Ion:130 Resp: 90540
 Ion Ratio Lower Upper
 130 100
 95 92.4 0.0 181.6



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

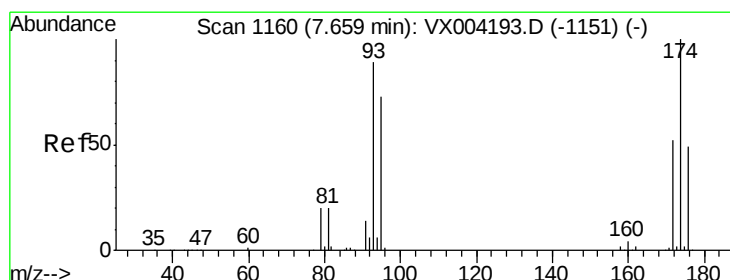
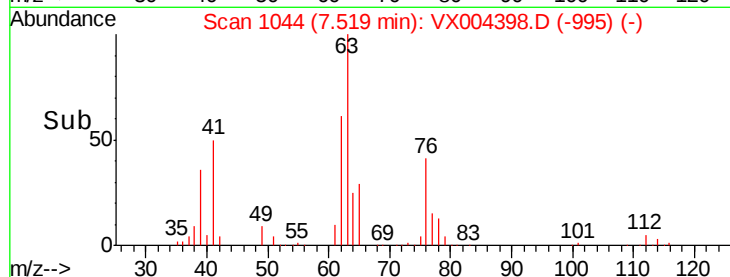
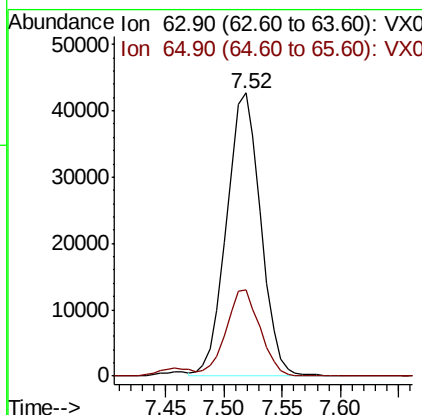
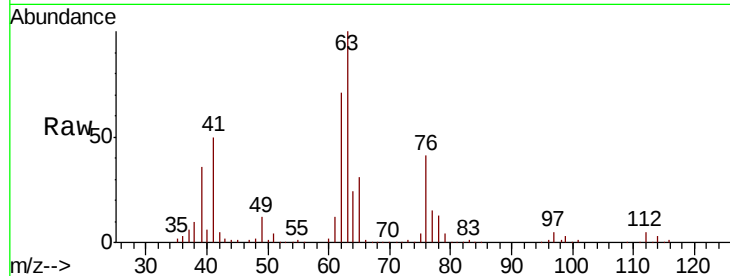




#45
 1,2-Dichloropropane
 Concen: 20.18 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

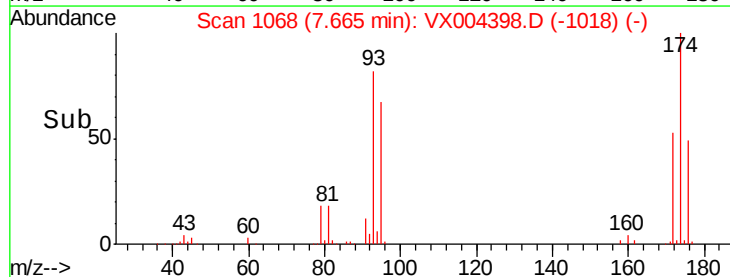
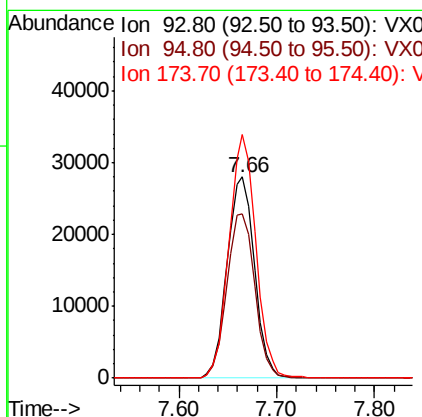
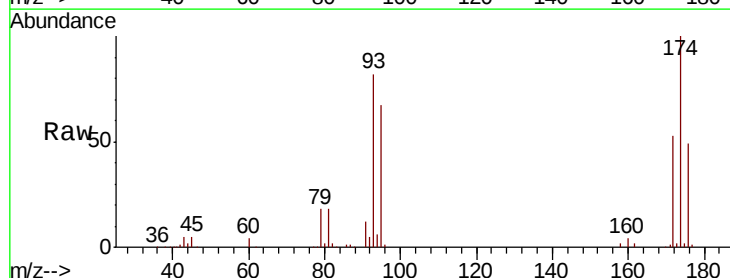
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBSD01

Tot Ion: 63 Resp: 86521
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.3 36.5



#46
 Dibromomethane
 Concen: 19.07 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Tgt Ion: 93 Resp: 54448
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.5 98.3
 174 118.3 94.2 141.4





#47

Bromodichloromethane

Concen: 18.75 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBSD01

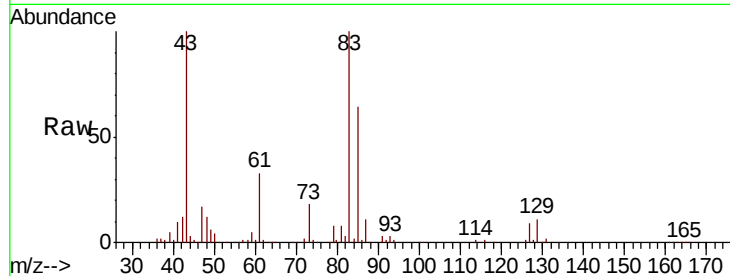
Tot Ion: 83 Resp: 99636

Ion Ratio Lower Upper

83 100

85 64.2 50.9 76.3

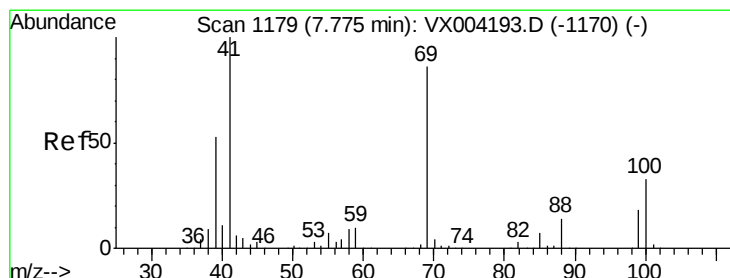
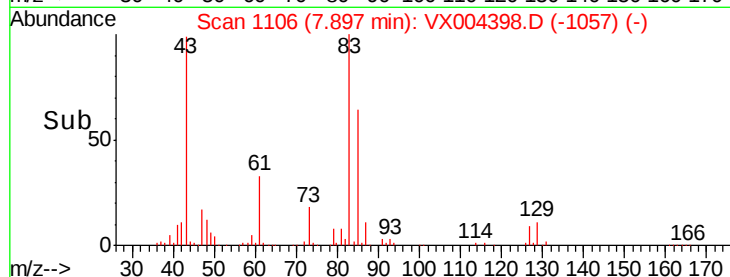
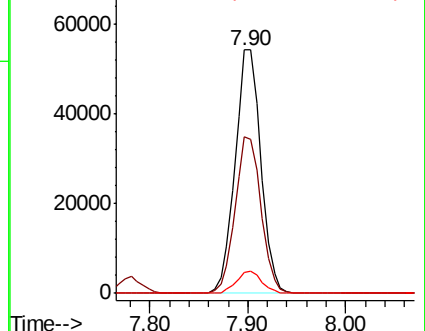
127 8.6 7.3 10.9



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: 20.03 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

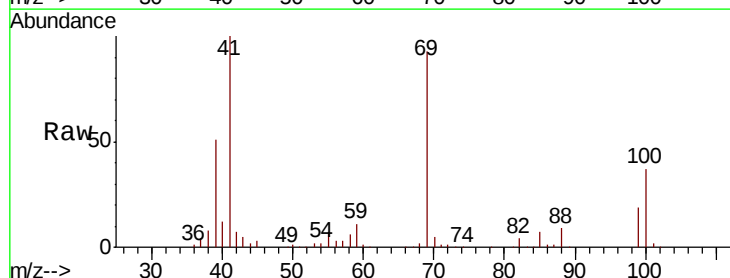
Tgt Ion: 41 Resp: 92857

Ion Ratio Lower Upper

41 100

69 90.1 70.2 105.4

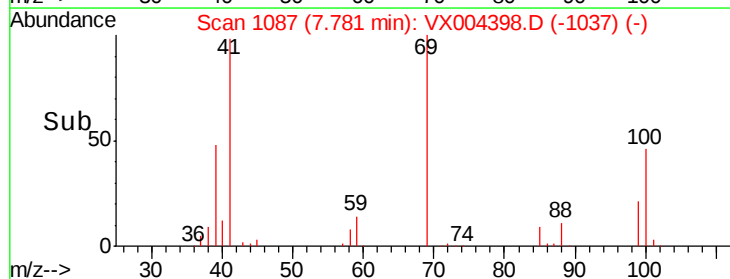
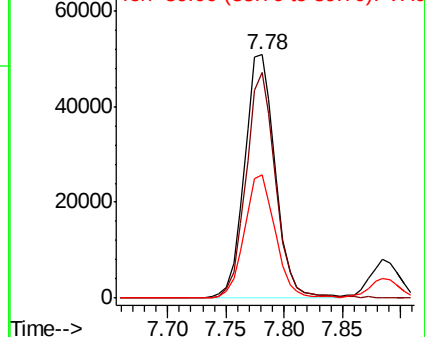
39 51.6 42.7 64.1

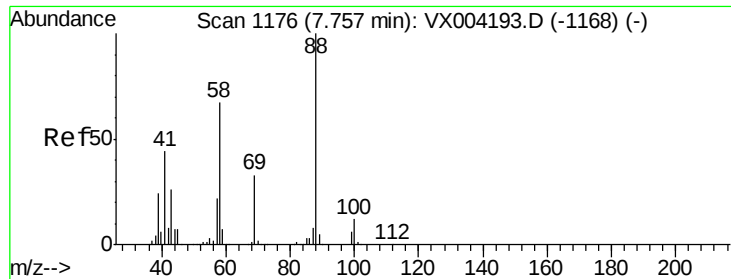


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

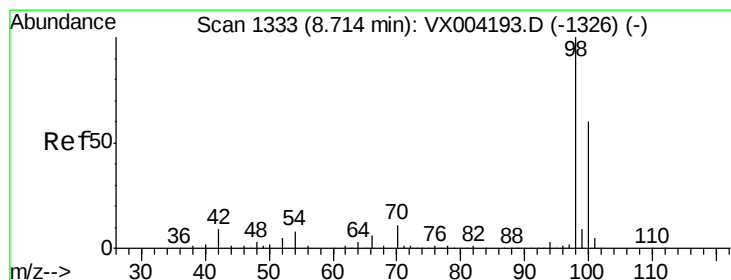
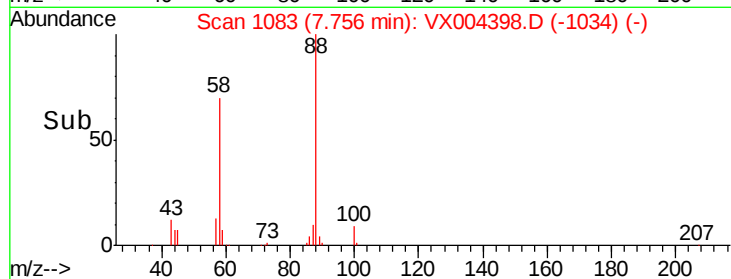
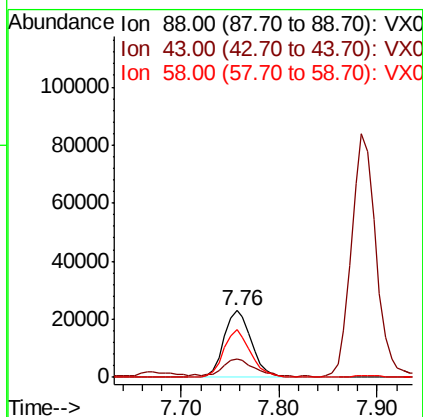
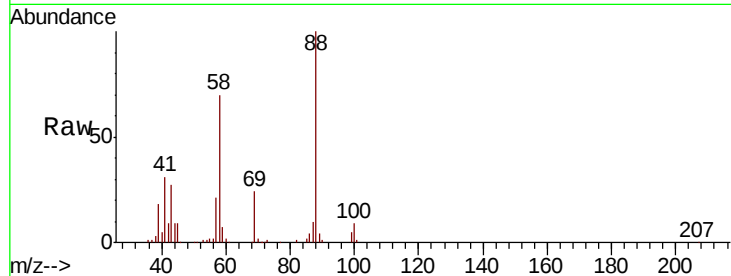




#49
 1,4-Dioxane
 Concen: 425.03 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

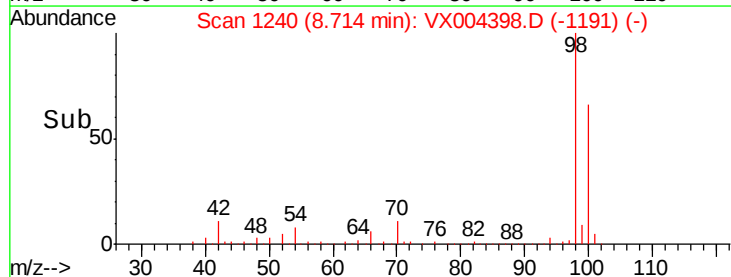
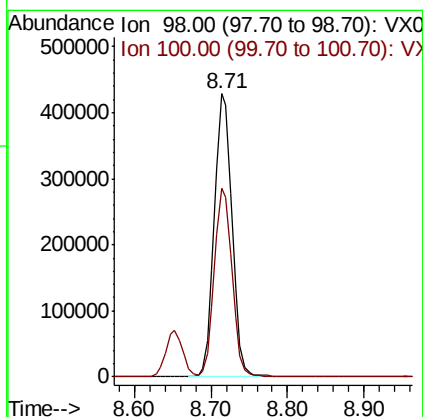
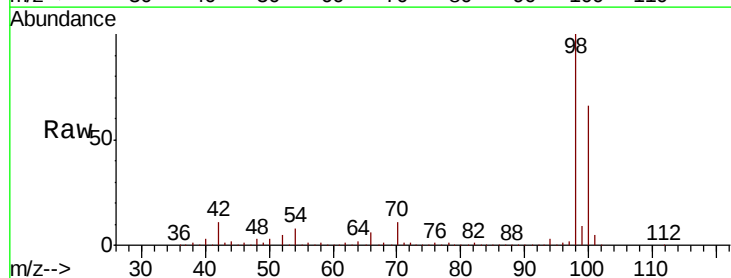
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0906MBSD01

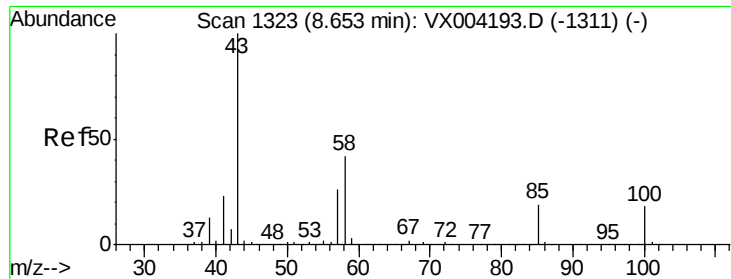
Tot Ion: 88 Resp: 44746
 Ion Ratio Lower Upper
 88 100
 43 30.3 24.7 37.1
 58 69.9 55.3 82.9



#50
 Toluene-d8
 Concen: 48.05 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Tgt Ion: 98 Resp: 688265
 Ion Ratio Lower Upper
 98 100
 100 66.8 52.9 79.3

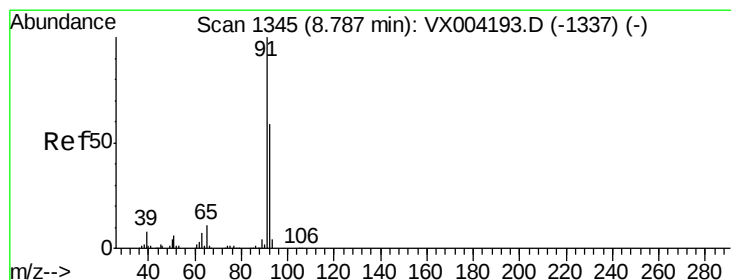
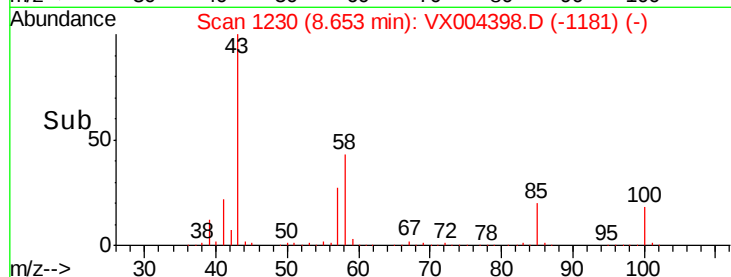
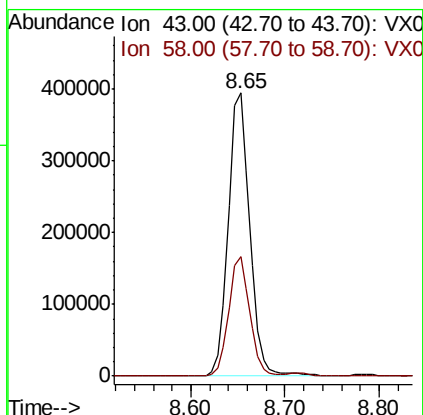
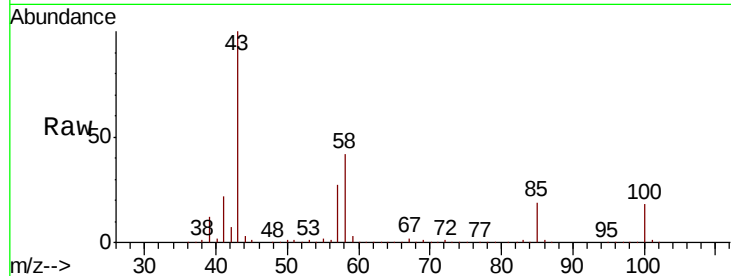




#51
 4-Methyl-2-Pentanone
 Concen: 99.18 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

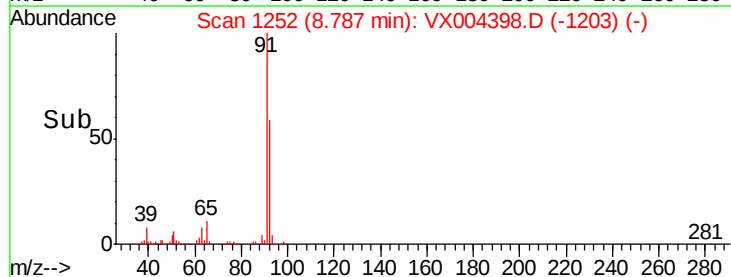
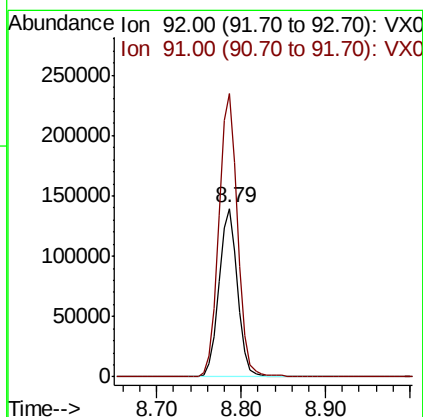
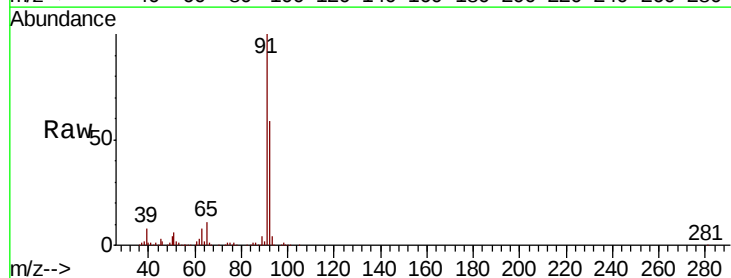
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0906MBSD01

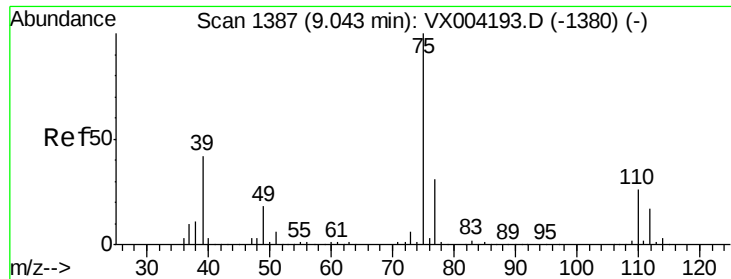
Tot Ion: 43 Resp: 624439
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.1 49.7



#52
 Toluene
 Concen: 19.85 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Tgt Ion: 92 Resp: 212928
 Ion Ratio Lower Upper
 92 100
 91 169.8 136.4 204.6

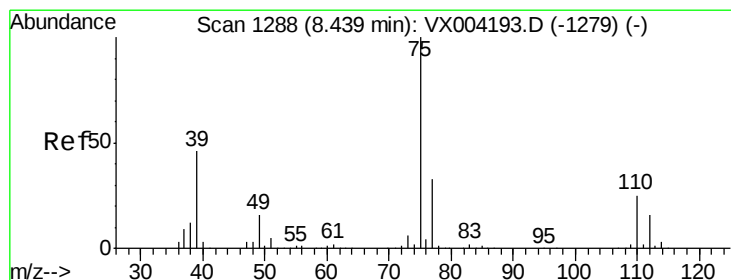
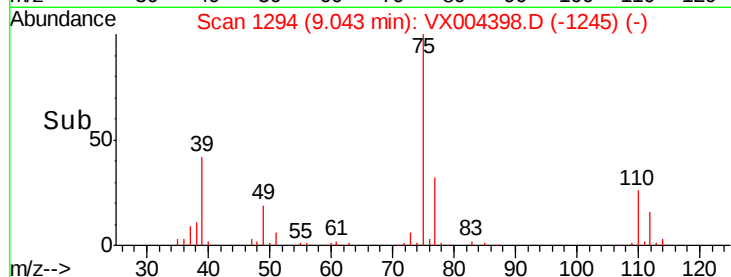
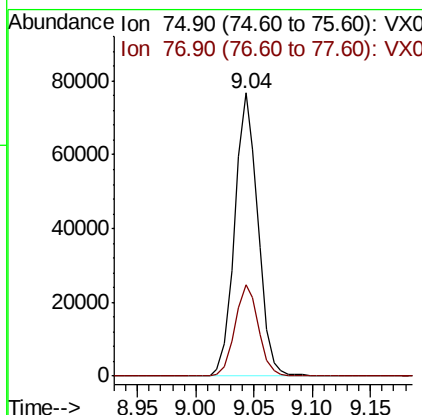
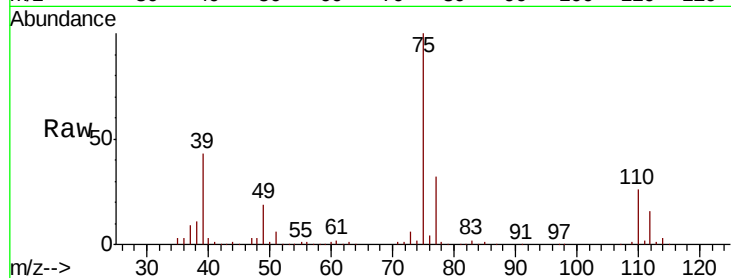




#53
t-1,3-Dichloropropene
Concen: 18.22 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

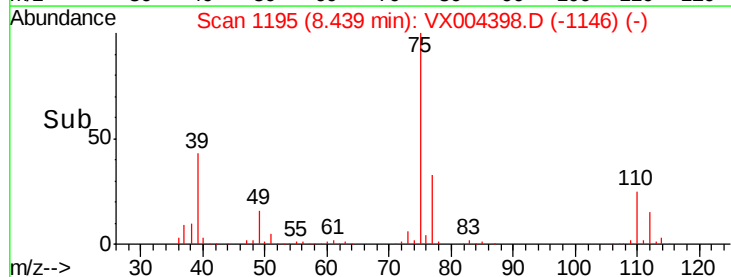
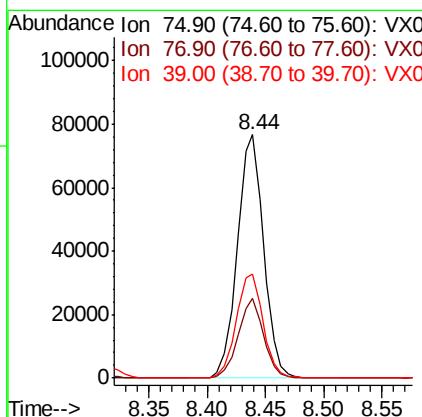
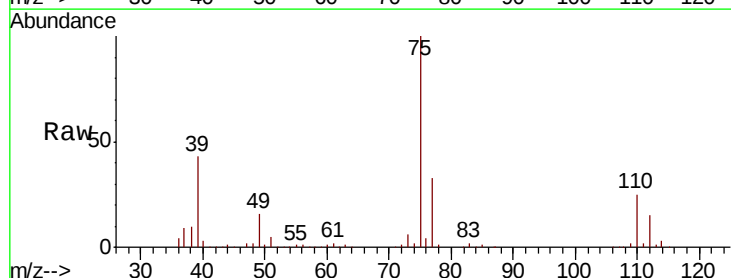
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBSD01

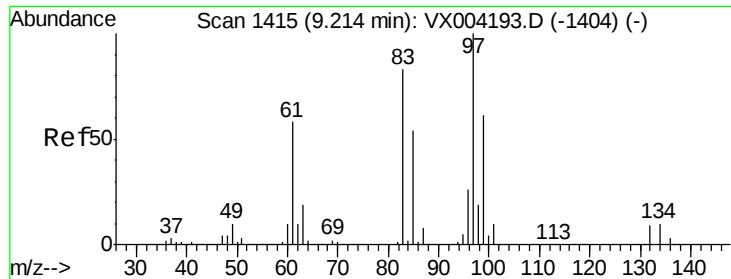
Tot Ion: 75 Resp: 106935
Ion Ratio Lower Upper
75 100
77 32.2 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 18.91 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

Tgt Ion: 75 Resp: 120888
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
39 42.8 36.4 54.6

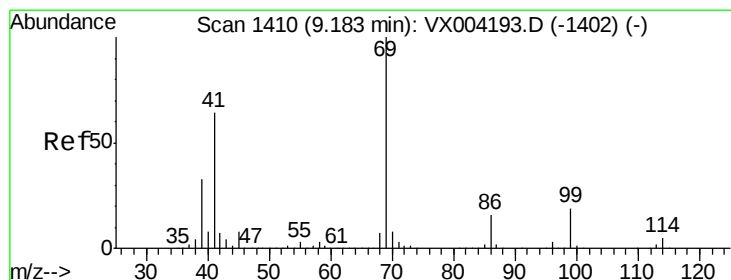
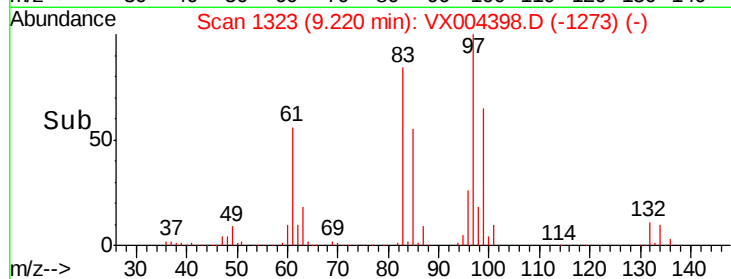
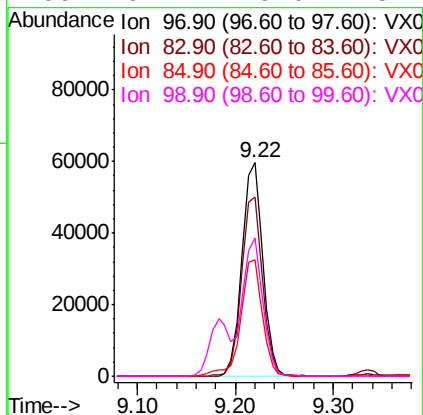
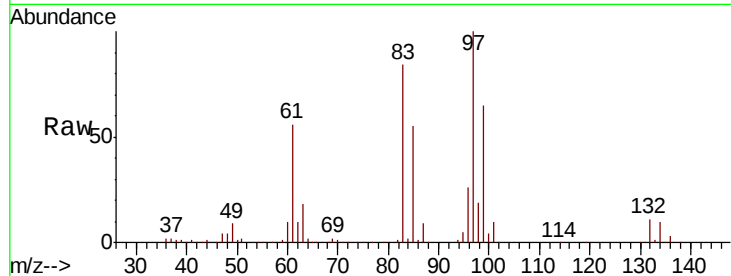




#55
 1,1,2-Trichloroethane
 Concen: 20.45 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

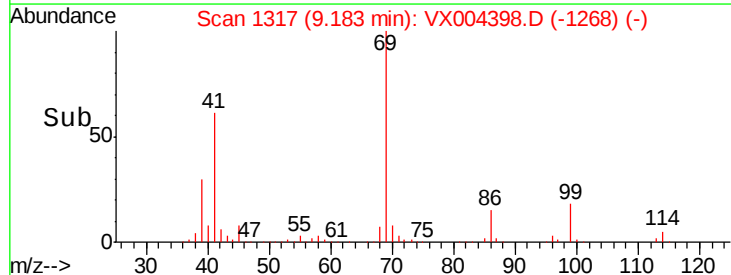
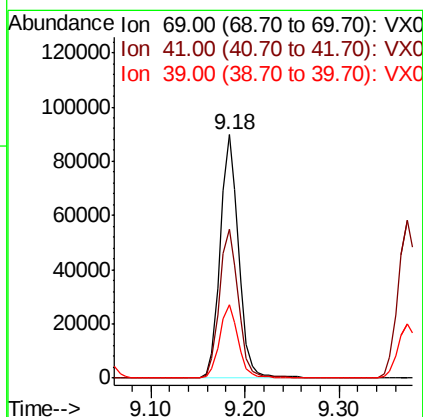
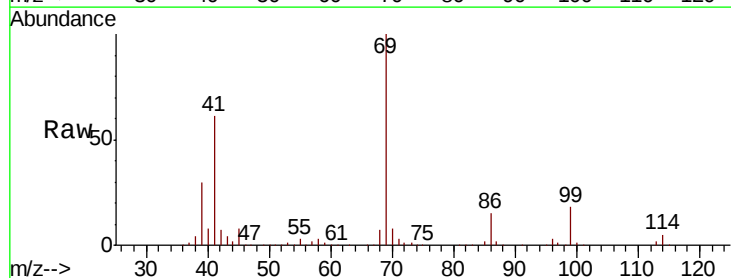
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBSD01

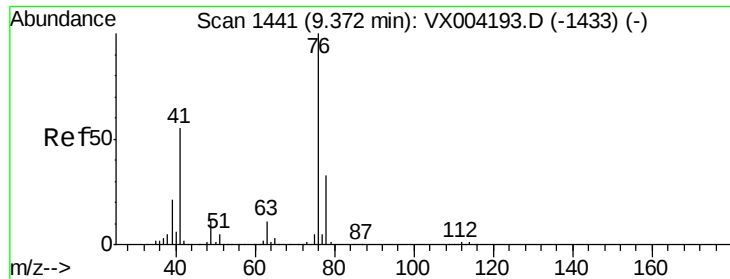
Tot Ion:	97	Resp:	88533
Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.4	99.6
85	54.8	43.3	64.9
99	64.4	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 20.67 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Tgt Ion:	69	Resp:	121812
Ion	Ratio	Lower	Upper
69	100		
41	63.0	51.0	76.4
39	30.1	26.1	39.1

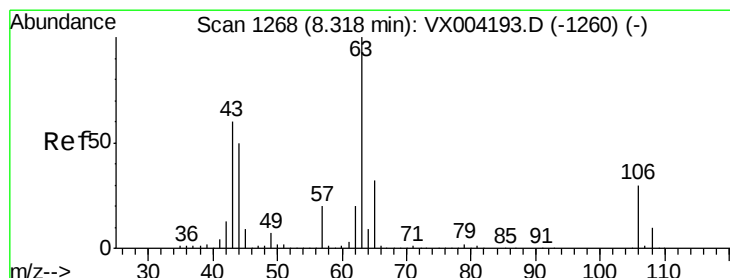
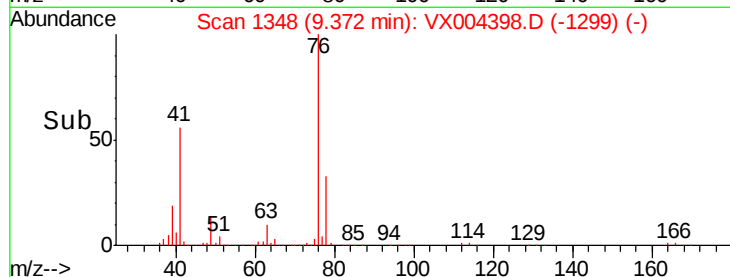
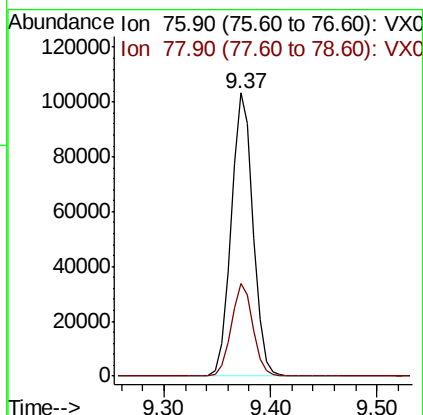
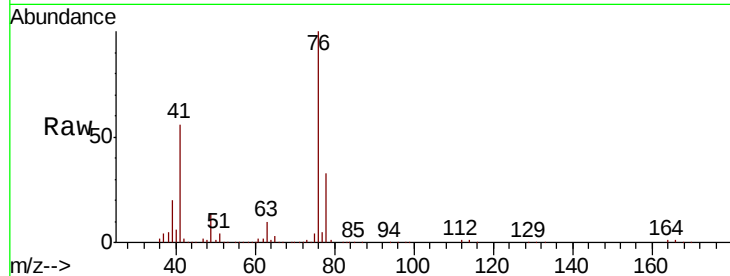




#57
 1,3-Dichloropropane
 Concen: 20.35 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

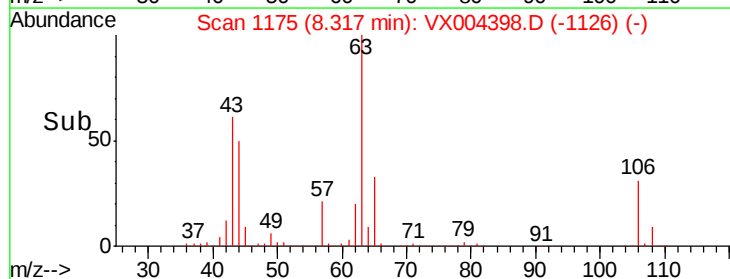
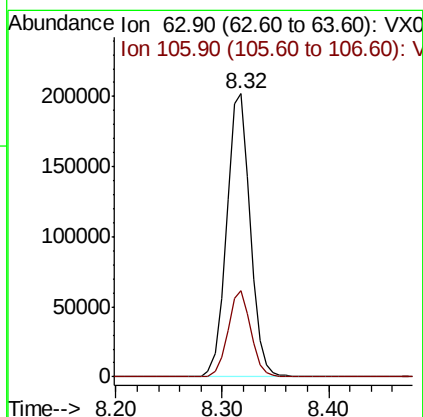
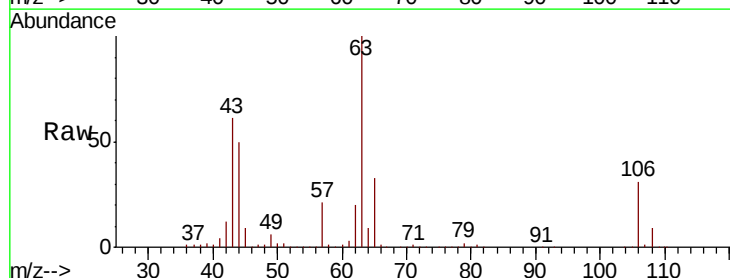
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

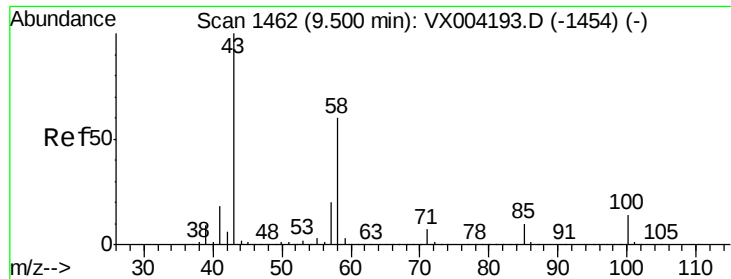
Tot Ion: 76 Resp: 148478
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.61 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Tgt Ion: 63 Resp: 312905
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.9 35.9

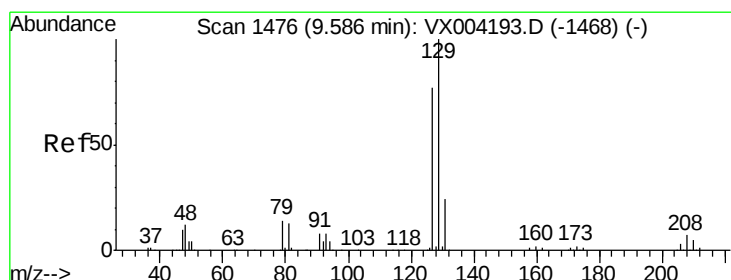
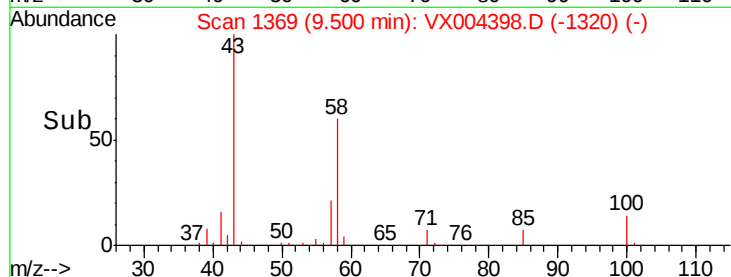
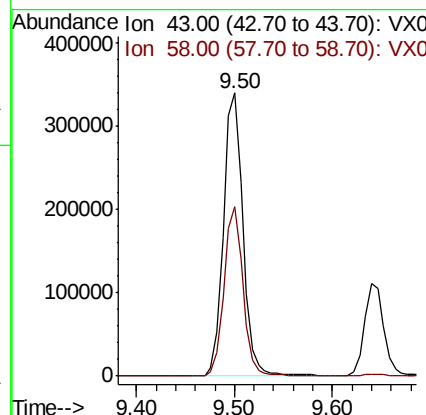
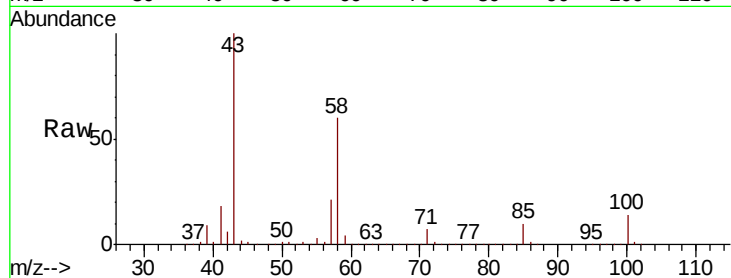




#59
 2-Hexanone
 Concen: 97.91 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

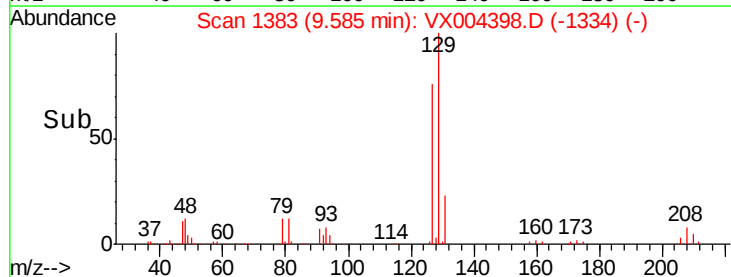
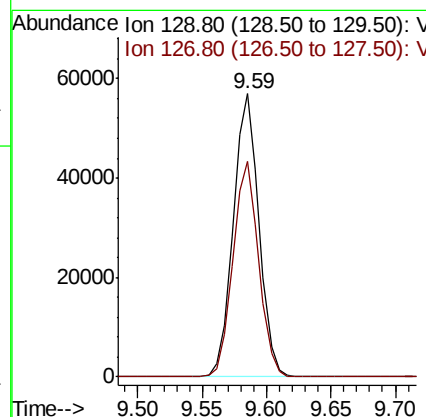
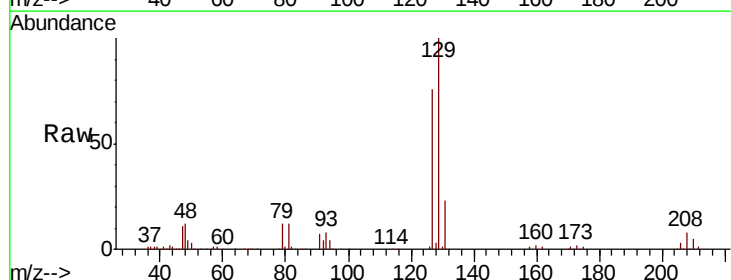
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBSD01

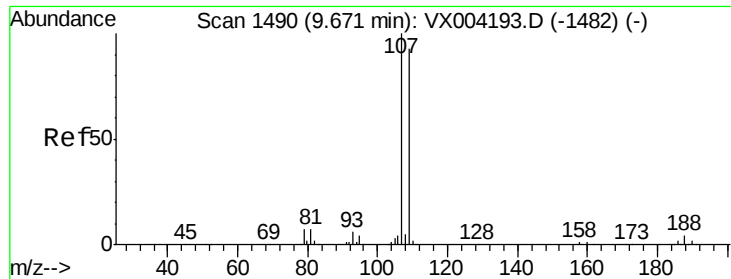
Tot Ion: 43 Resp: 470318
 Ion Ratio Lower Upper
 43 100
 58 58.4 29.0 87.0



#60
 Dibromochloromethane
 Concen: 18.85 ug/l
 RT: 9.59 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Tgt Ion: 129 Resp: 79531
 Ion Ratio Lower Upper
 129 100
 127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.84 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

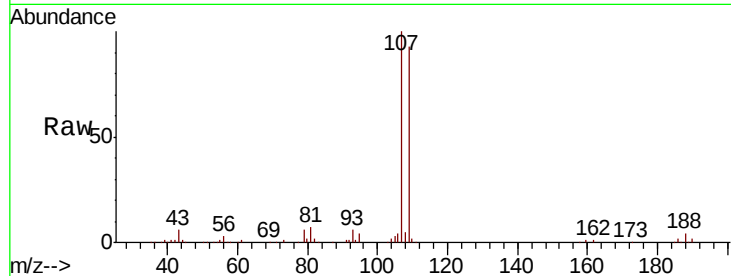
VX0906MBSD01

Tot Ion: 107 Resp: 88901

Ion Ratio Lower Upper

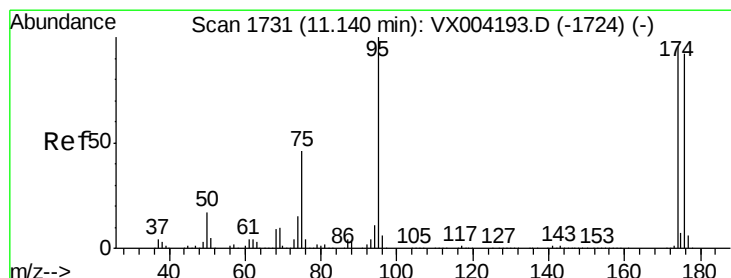
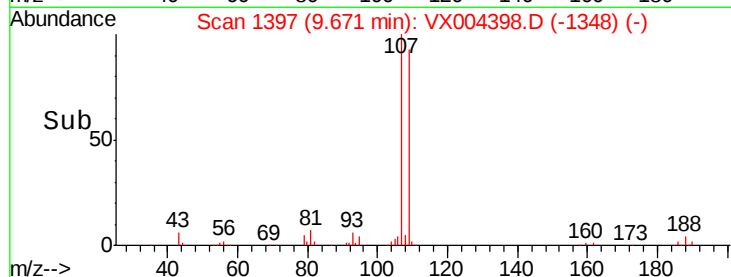
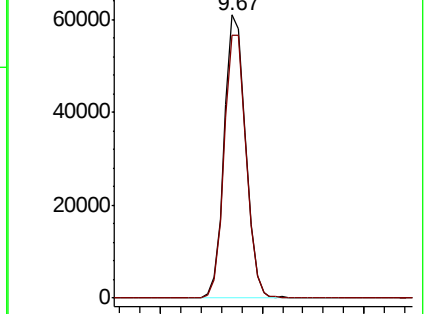
107 100

109 95.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.79 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

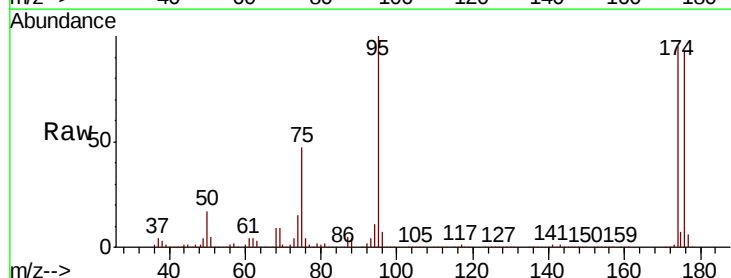
Tgt Ion: 95 Resp: 260759

Ion Ratio Lower Upper

95 100

174 91.6 0.0 185.2

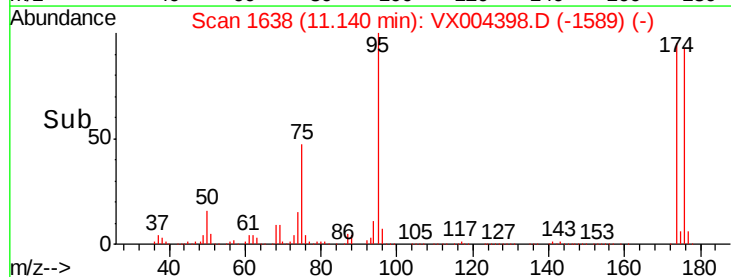
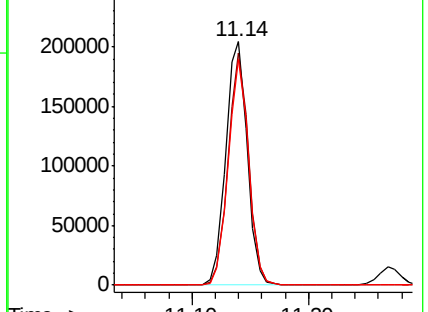
176 88.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

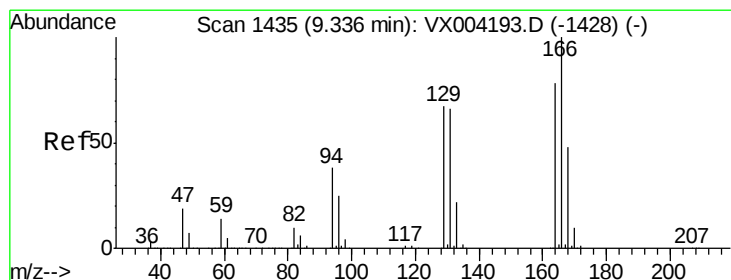
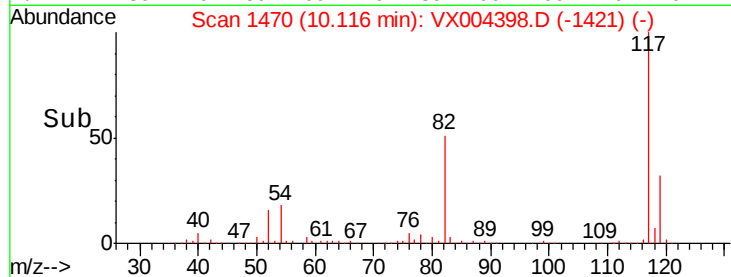
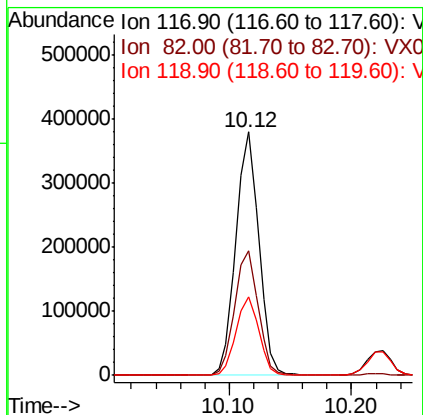
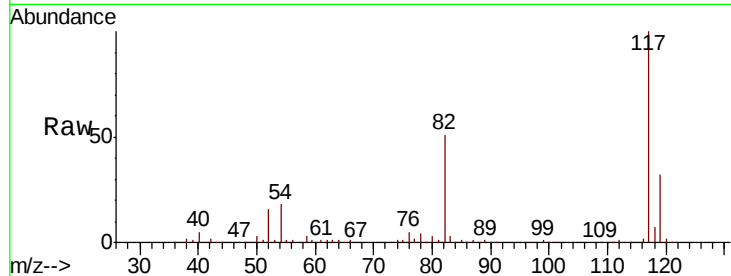




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

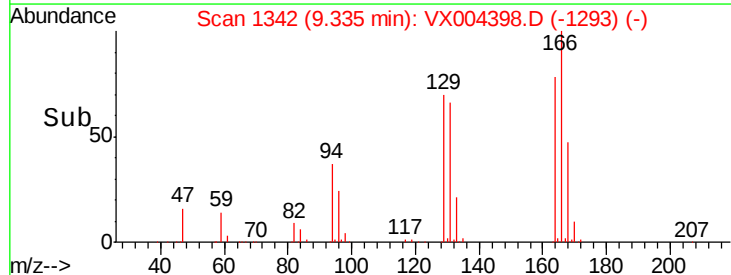
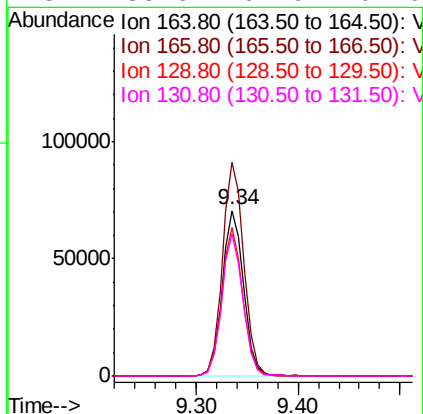
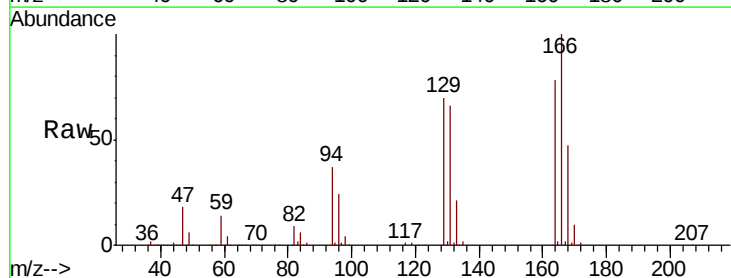
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

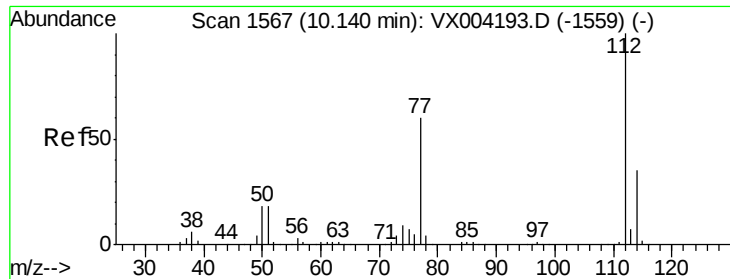
Tot Ion:117 Resp: 493162
Ion Ratio Lower Upper
117 100
82 51.3 47.8 71.6
119 32.0 29.3 43.9



#64
Tetrachloroethene
Concen: 20.96 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

Tgt Ion:164 Resp: 102134
Ion Ratio Lower Upper
164 100
166 128.8 102.8 154.2
129 89.8 69.4 104.0
131 85.6 67.9 101.9





#65

Chlorobenzene

Concen: 19.22 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

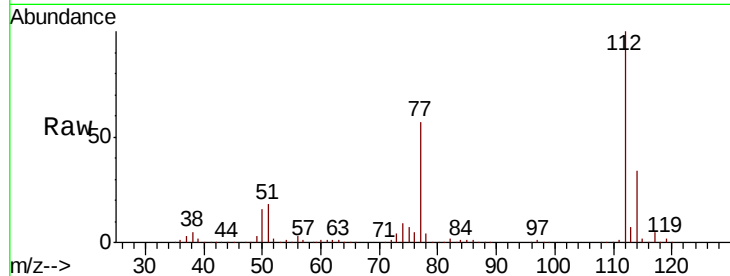
VX0906MBSD01

Tot Ion:112 Resp: 237829

Ion Ratio Lower Upper

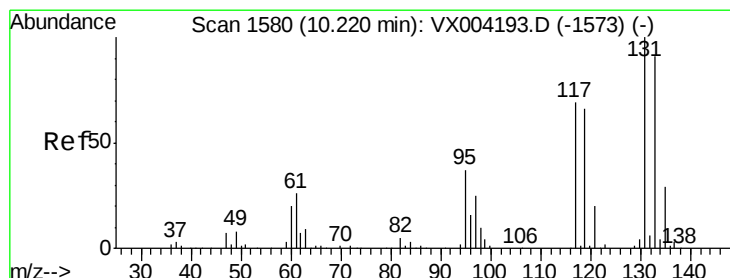
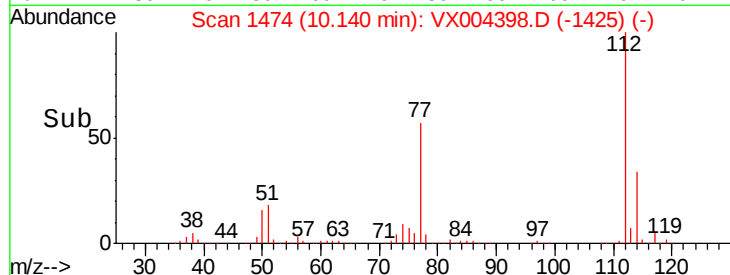
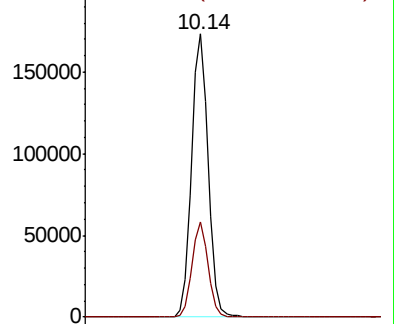
112 100

114 33.6 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: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

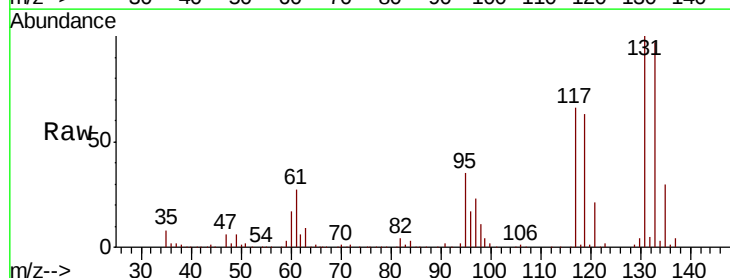
Tgt Ion:131 Resp: 80149

Ion Ratio Lower Upper

131 100

133 96.5 48.1 144.4

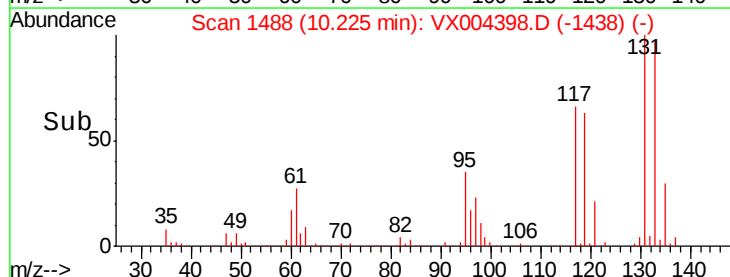
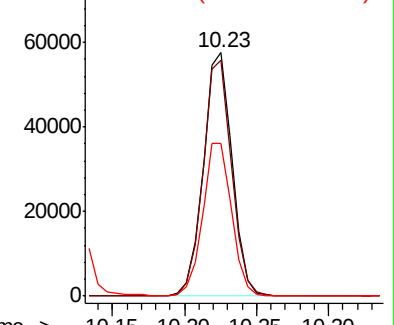
119 63.6 32.9 98.6

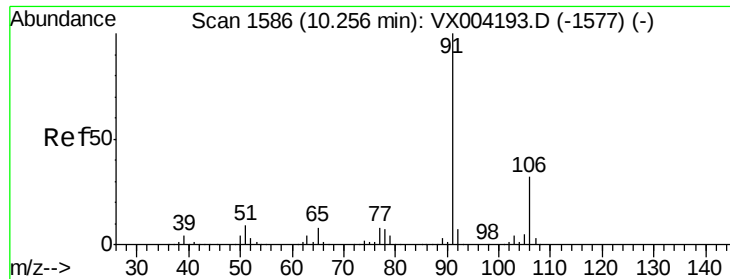


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

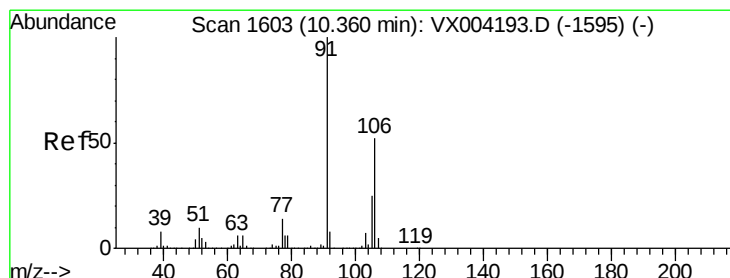
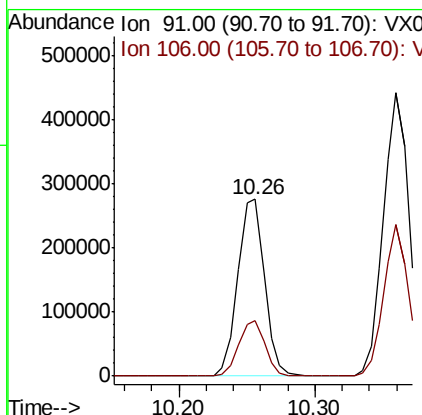
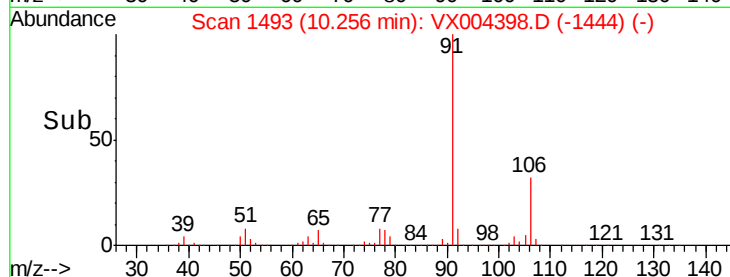
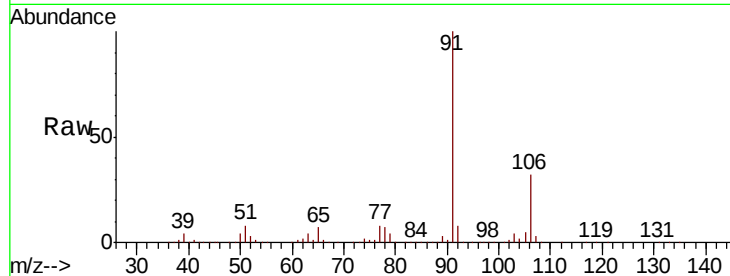




#67
Ethyl Benzene
Concen: 18.83 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

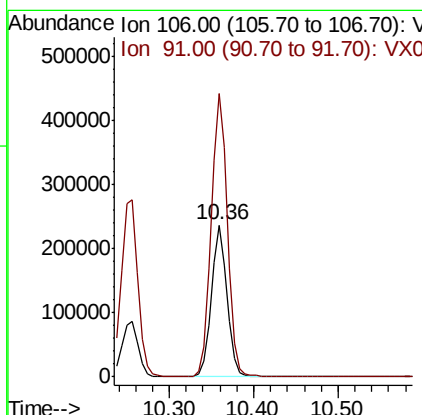
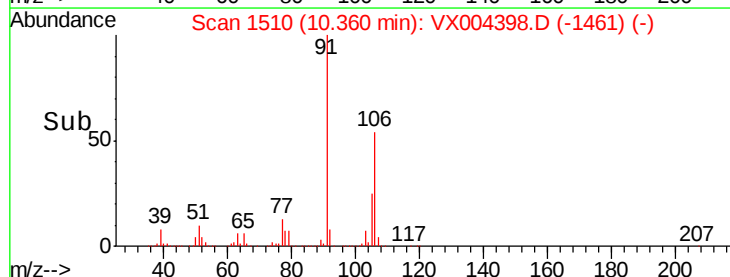
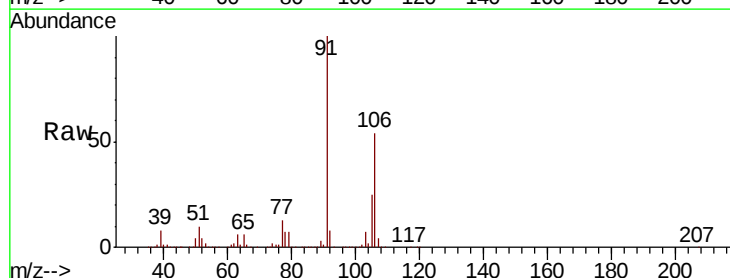
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBSD01

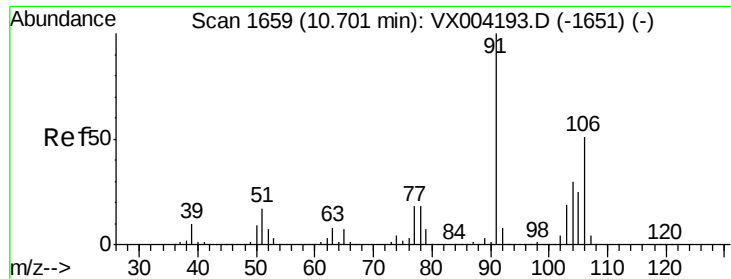
Tot Ion: 91 Resp: 378493
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9



#68
m/p-Xylenes
Concen: 38.73 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

Tgt Ion: 106 Resp: 304386
Ion Ratio Lower Upper
106 100
91 193.3 157.1 235.7

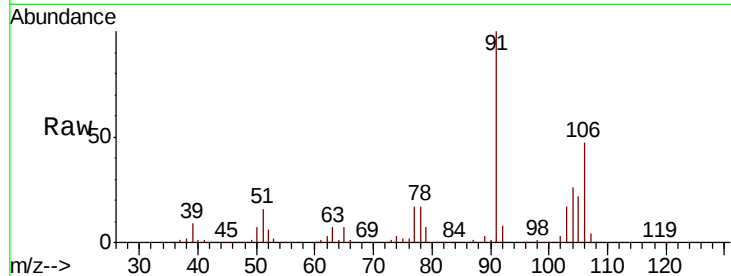




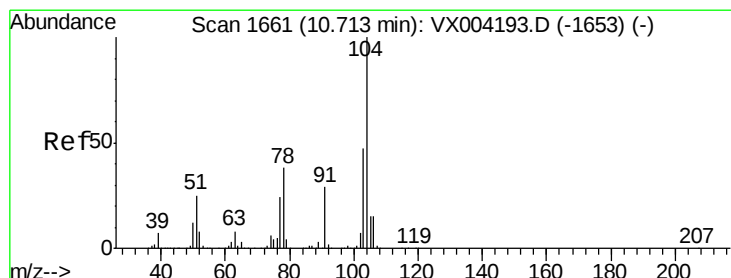
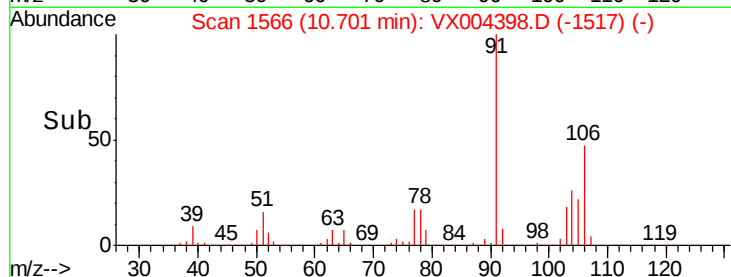
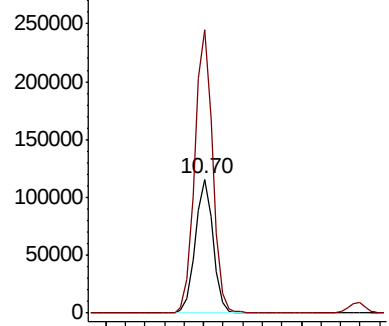
#69
o-Xylene
Concen: 19.67 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion:106 Resp: 146207
Ion Ratio Lower Upper
106 100
91 211.9 105.1 315.1

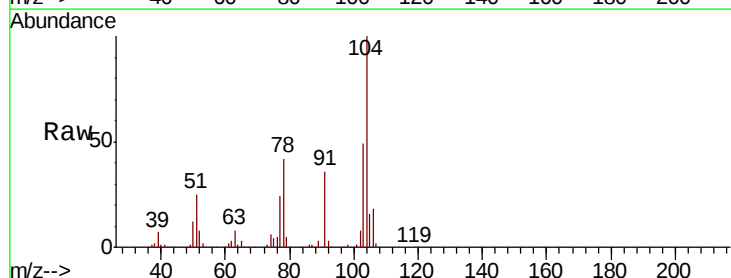


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

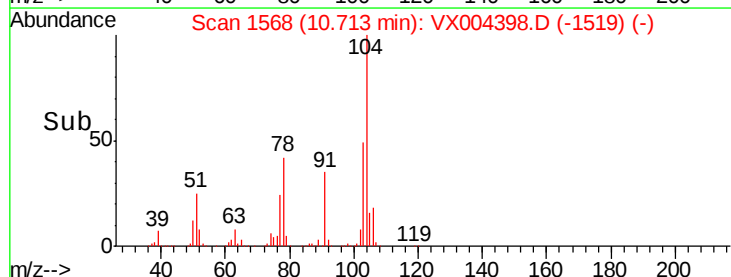
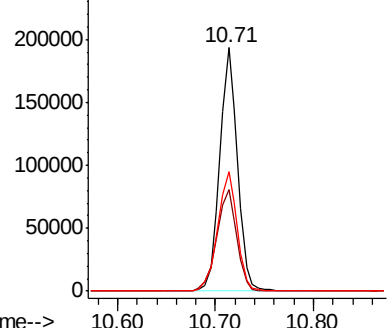


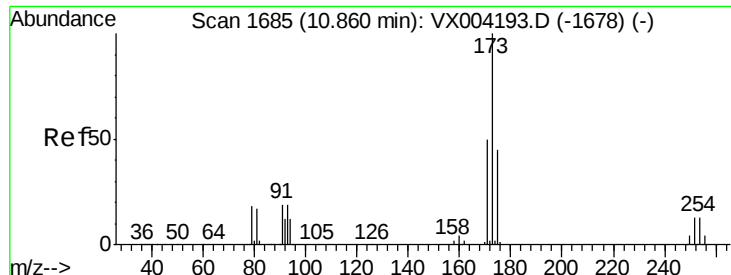
#70
Styrene
Concen: 20.23 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

Tgt Ion:104 Resp: 243517
Ion Ratio Lower Upper
104 100
78 47.3 37.4 56.0
103 53.8 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: 17.36 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBSD01

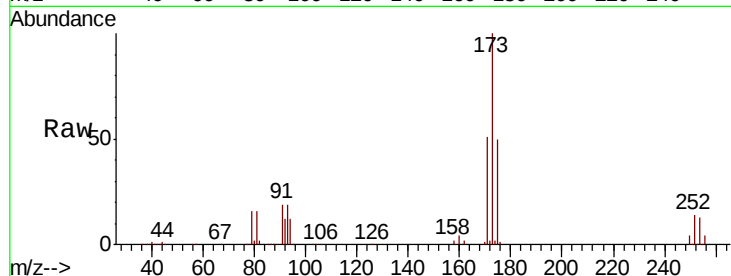
Tot Ion:173 Resp: 59735

Ion Ratio Lower Upper

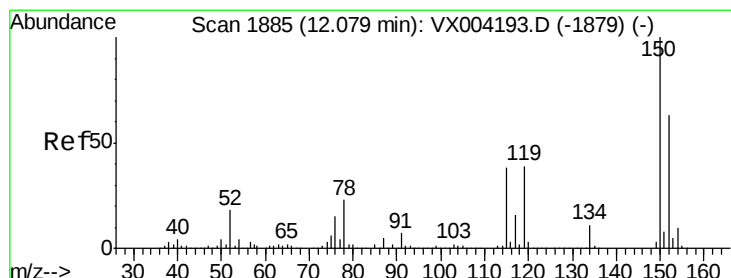
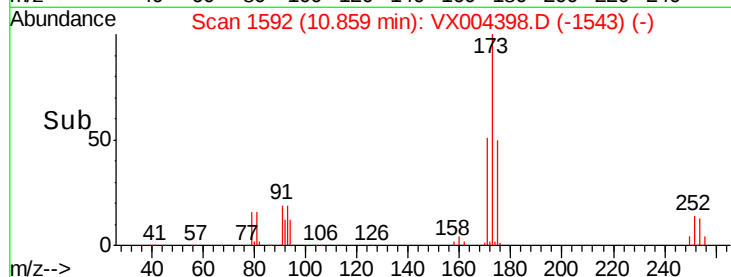
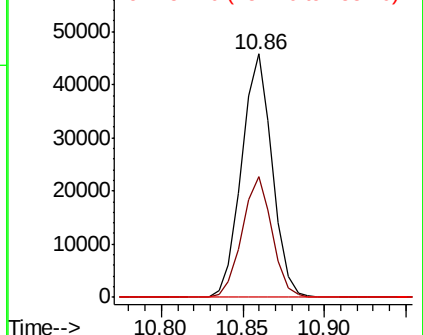
173 100

175 48.6 24.1 72.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

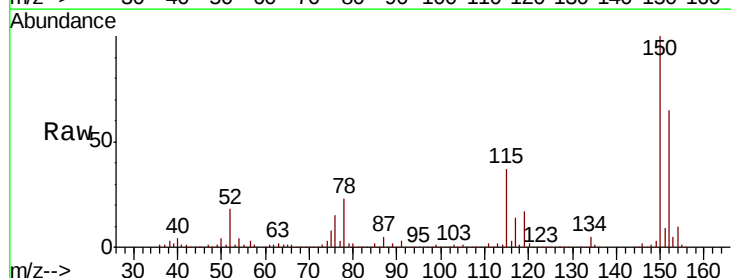
Tgt Ion:152 Resp: 292780

Ion Ratio Lower Upper

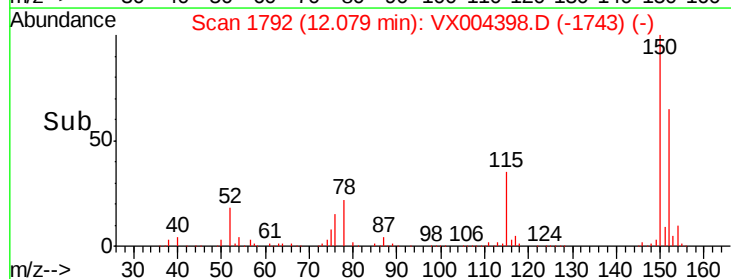
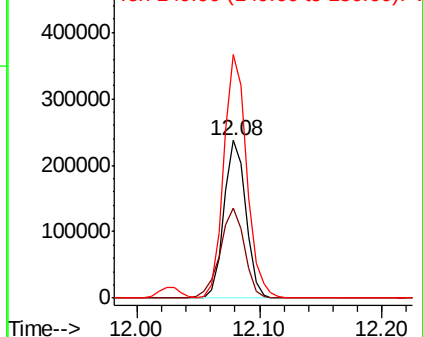
152 100

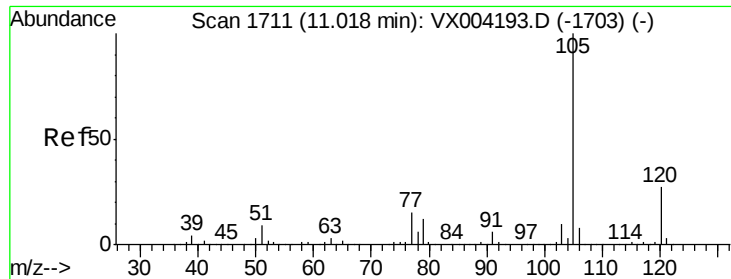
115 63.8 39.0 117.0

150 162.7 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: 20.97 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

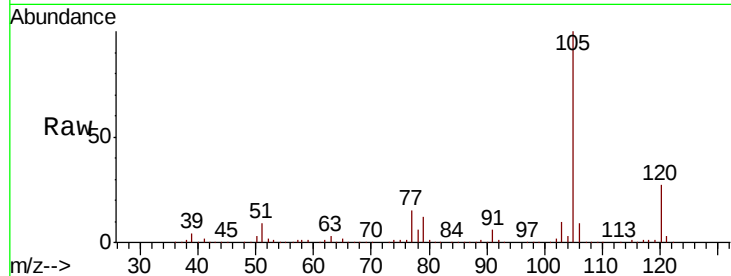
VX0906MBS01

Tot Ion:105 Resp: 403239

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

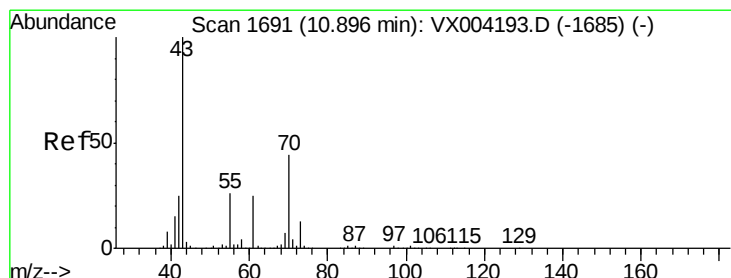
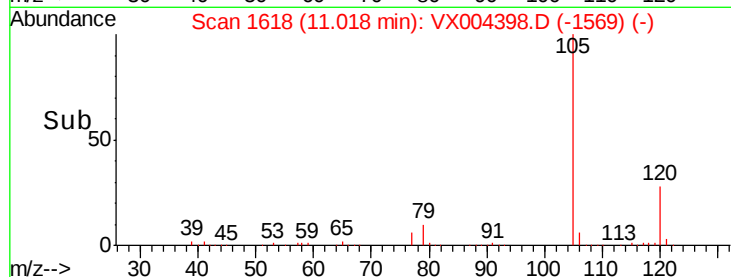
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 19.85 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Tgt Ion: 43 Resp: 146980

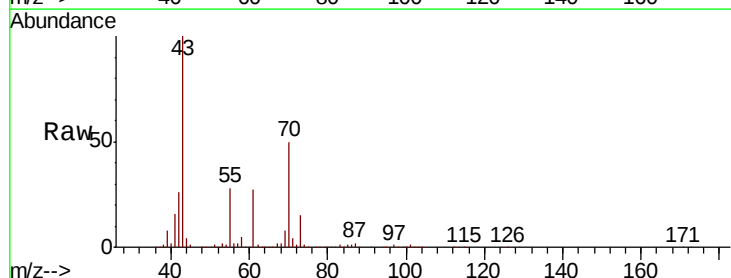
Ion Ratio Lower Upper

43 100

70 47.2 37.4 56.0

55 28.2 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

10.90

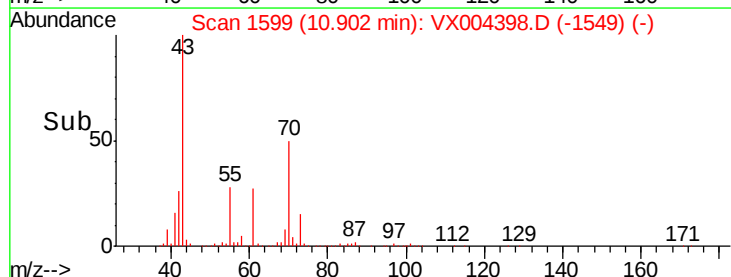
150000

100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.40 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampled :

VX0906MBS01

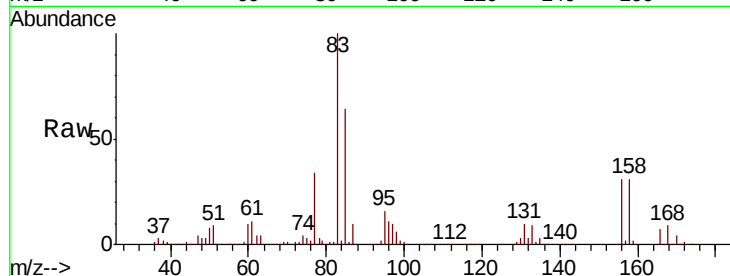
Tot Ion: 83 Resp: 130563

Ion Ratio Lower Upper

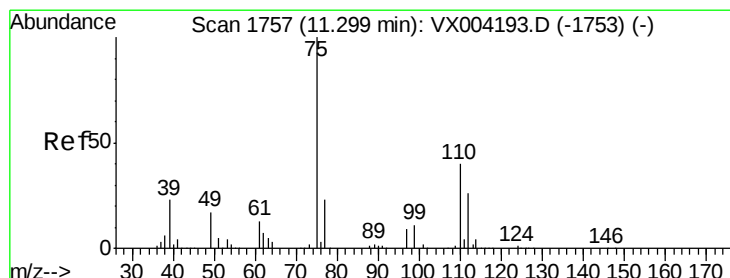
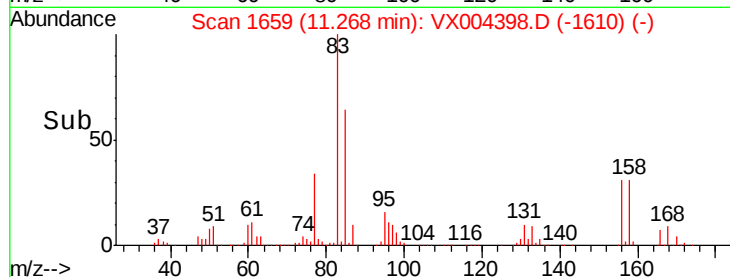
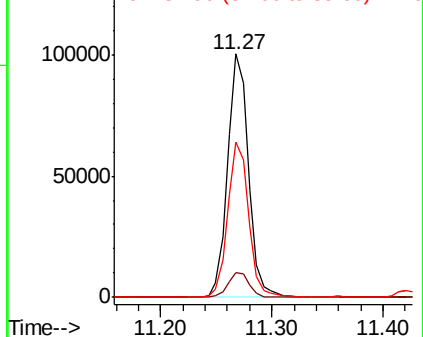
83 100

131 10.3 5.2 15.6

85 63.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.20 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004398.D

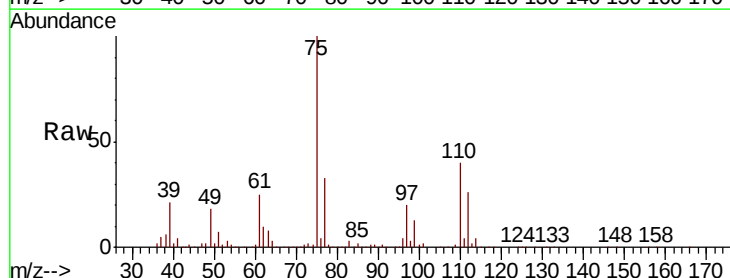
Acq: 06 Sep 2018 21:07

Tgt Ion: 75 Resp: 144117

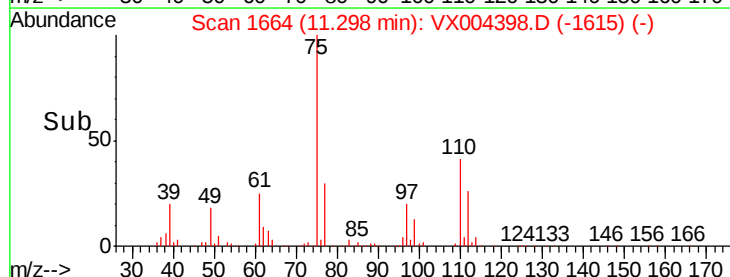
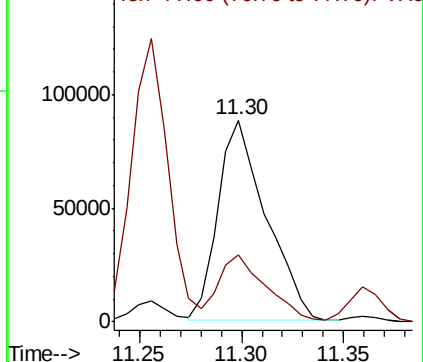
Ion Ratio Lower Upper

75 100

77 32.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.80 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

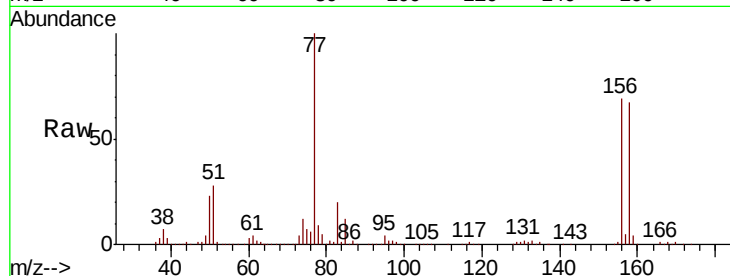
Tot Ion:156 Resp: 106784

Ion Ratio Lower Upper

156 100

77 146.6 71.5 214.3

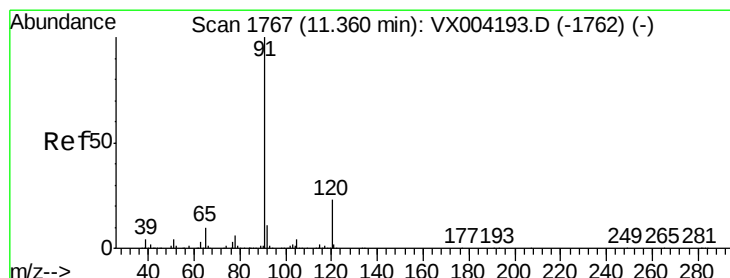
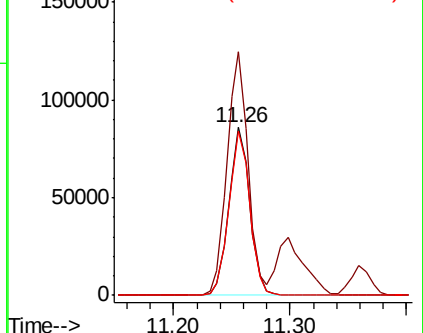
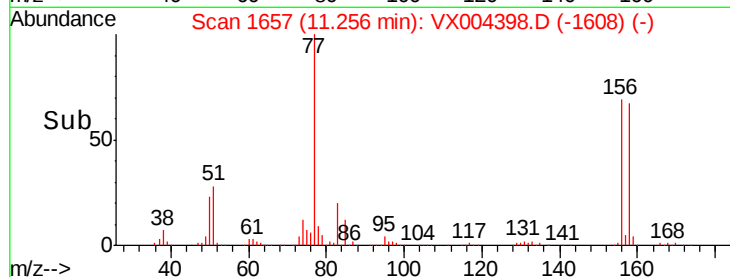
158 98.1 48.9 146.8



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: 20.54 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004398.D

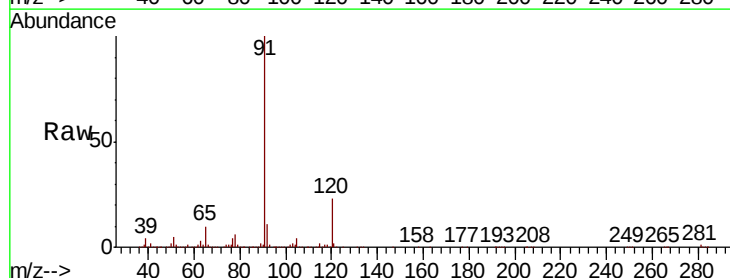
Acq: 06 Sep 2018 21:07

Tgt Ion: 91 Resp: 454342

Ion Ratio Lower Upper

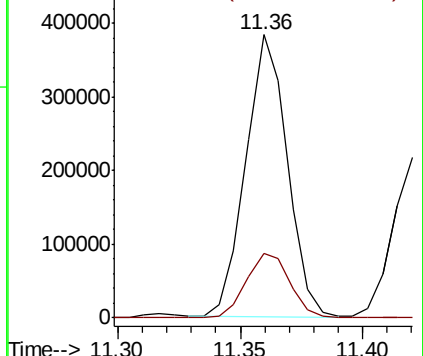
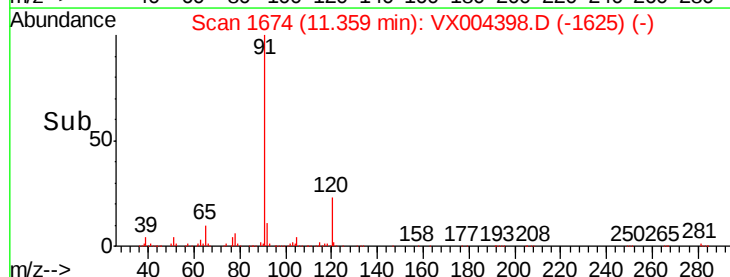
91 100

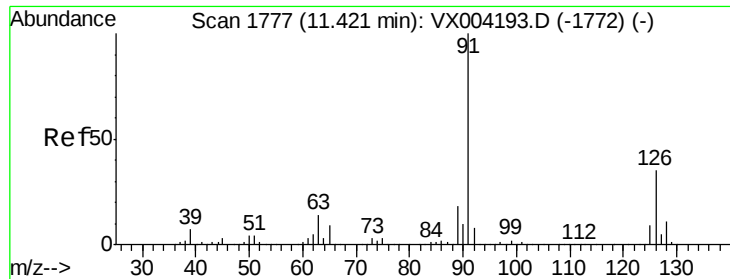
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

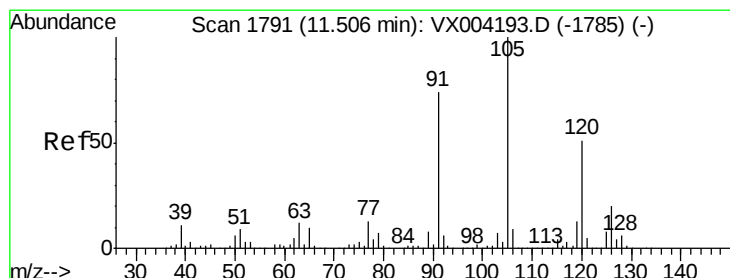
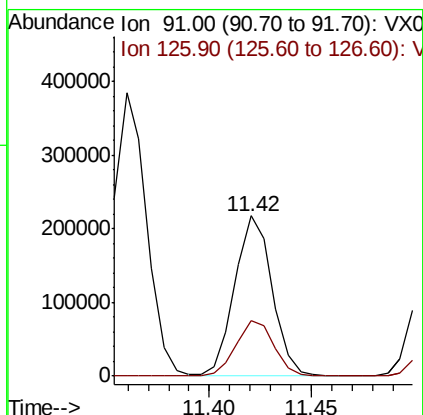
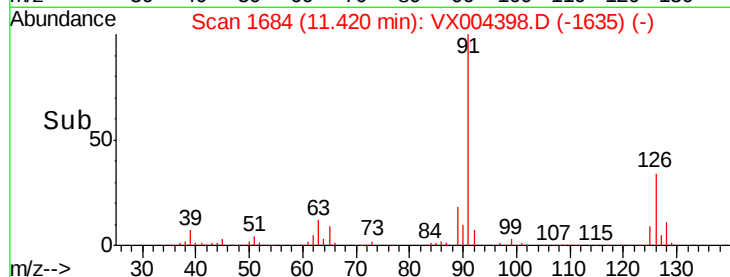
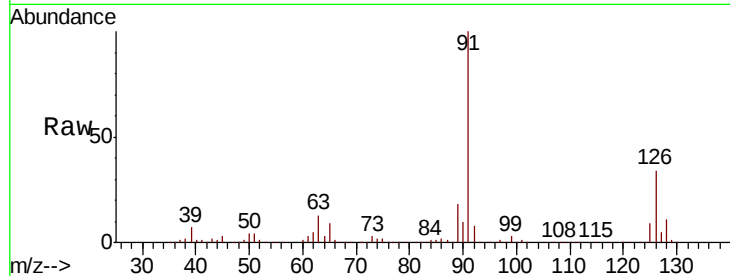




#79
 2-Chlorotoluene
 Concen: 20.17 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

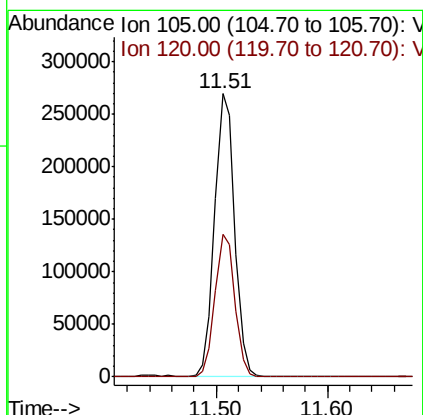
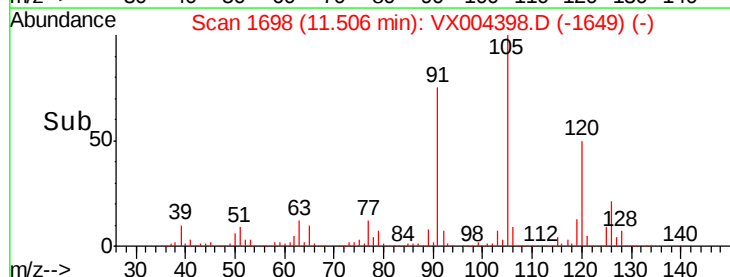
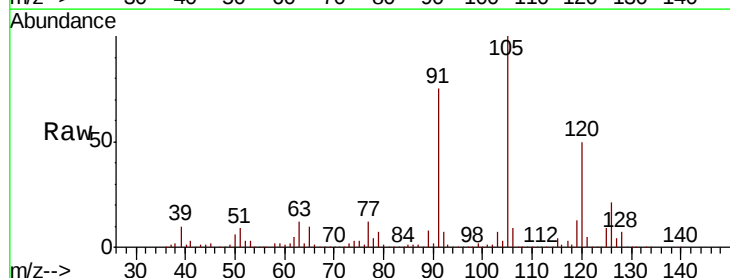
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBSD01

Tot Ion: 91 Resp: 274528
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.06 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Tgt Ion:105 Resp: 335315
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.75 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBSD01

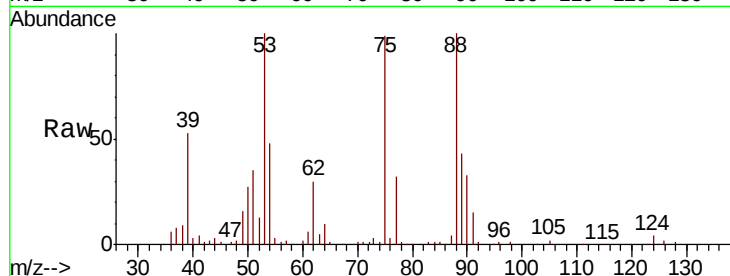
Tot Ion: 75 Resp: 30740

Ion Ratio Lower Upper

75 100

53 105.8 80.1 120.1

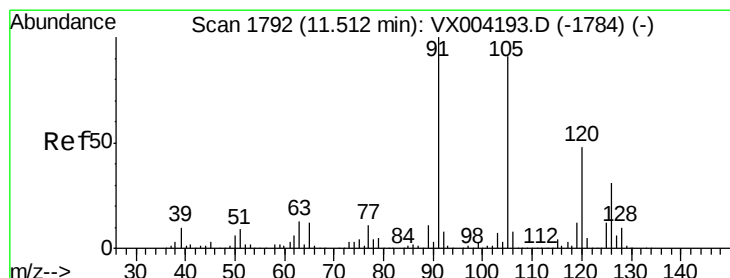
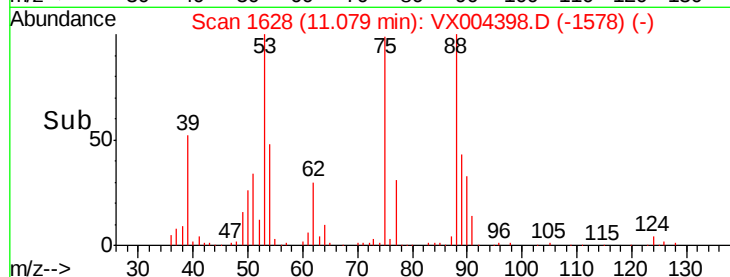
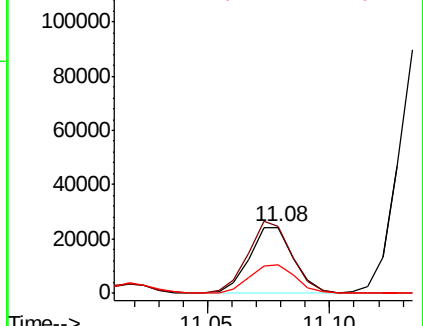
89 45.2 37.2 55.8



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: 19.91 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004398.D

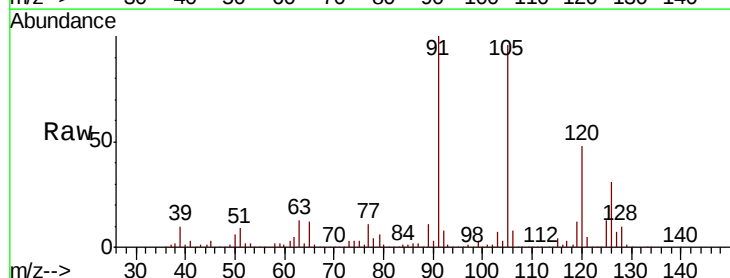
Acq: 06 Sep 2018 21:07

Tgt Ion: 91 Resp: 318987

Ion Ratio Lower Upper

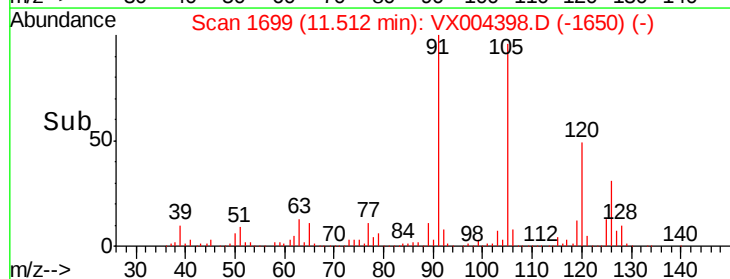
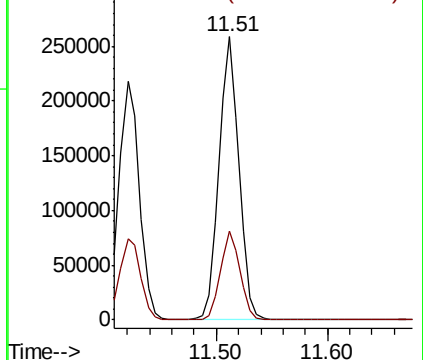
91 100

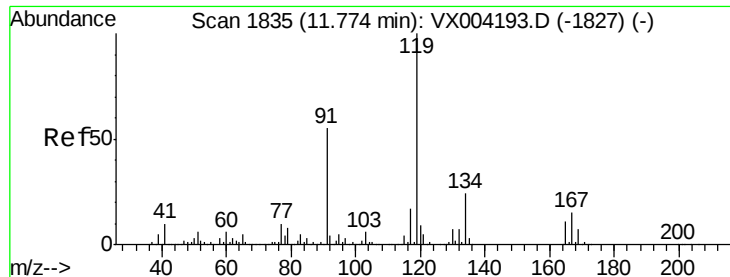
126 31.0 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

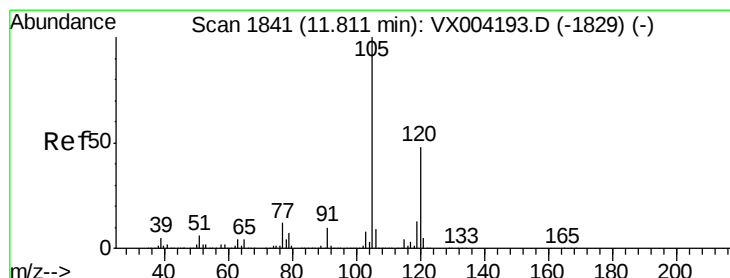
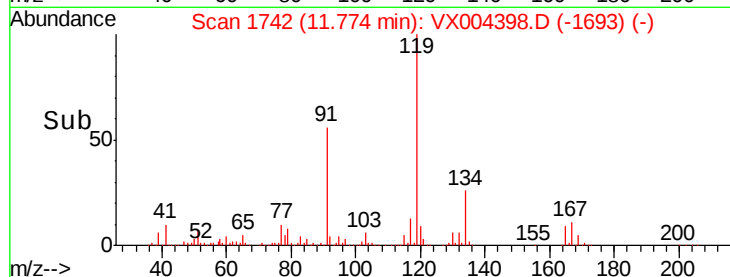
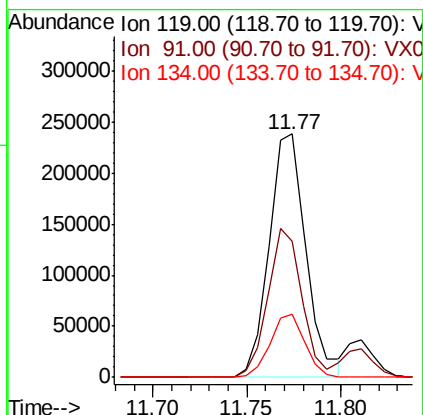
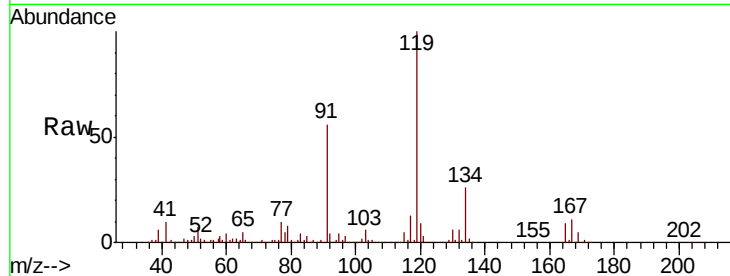




#83
 tert-Butylbenzene
 Concen: 20.18 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

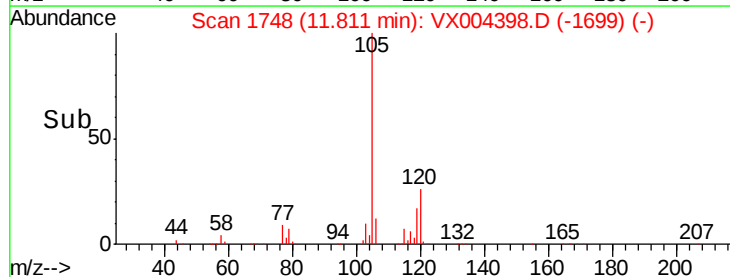
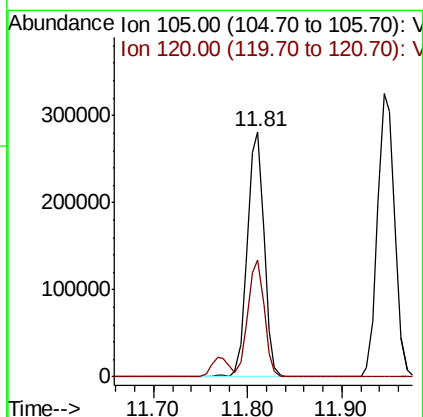
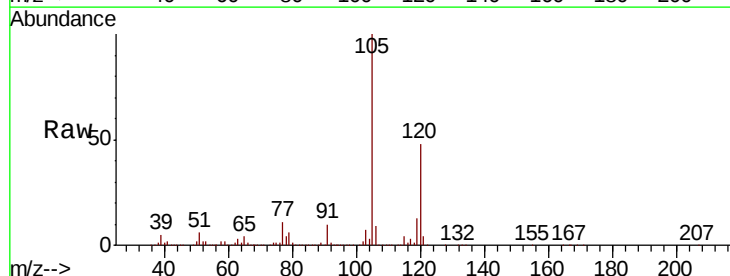
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0906MBSD01

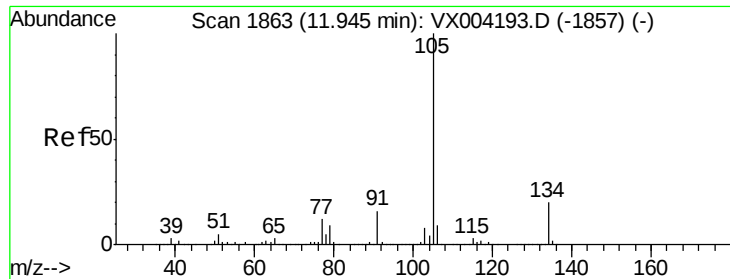
Tot Ion:119 Resp: 323356
 Ion Ratio Lower Upper
 119 100
 91 56.3 27.0 81.0
 134 24.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.41 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Tgt Ion:105 Resp: 349946
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.50 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

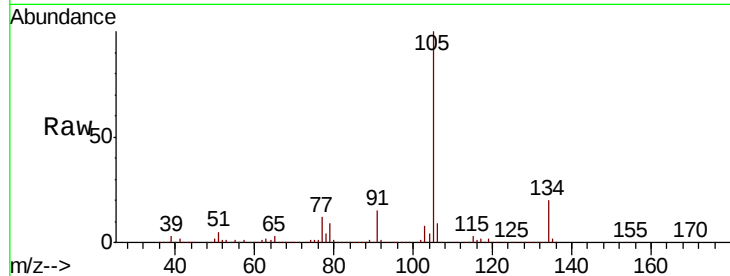
VX0906MBSD01

Tot Ion:105 Resp: 408960

Ion Ratio Lower Upper

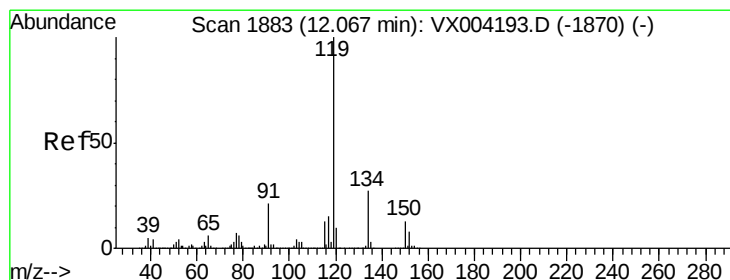
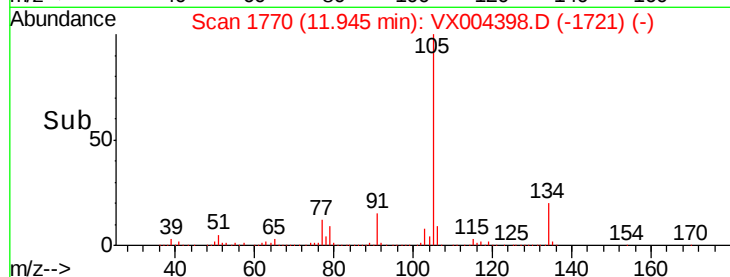
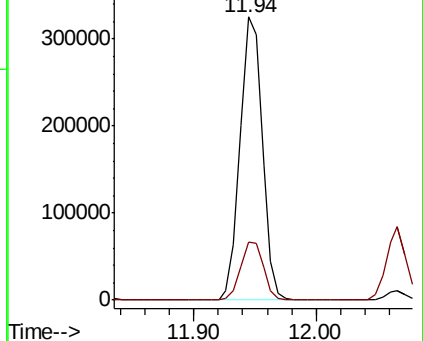
105 100

134 21.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.32 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

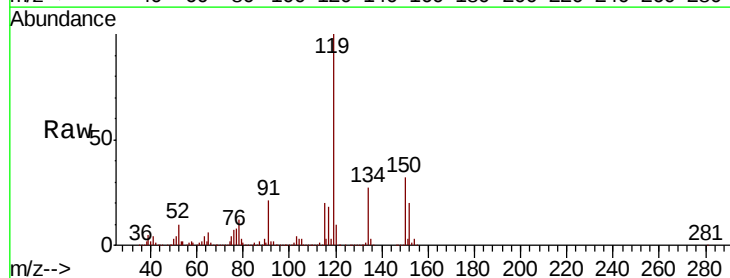
Tgt Ion:119 Resp: 363374

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

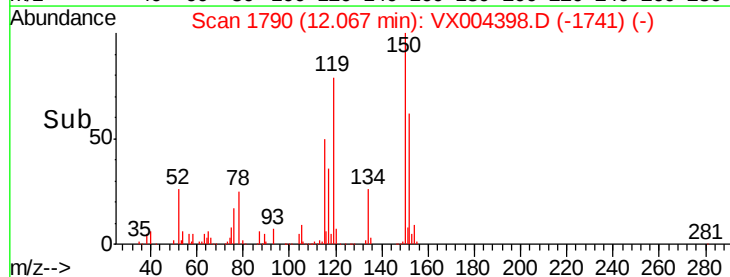
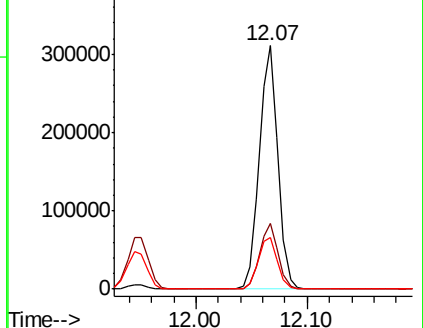
91 21.9 10.9 32.7

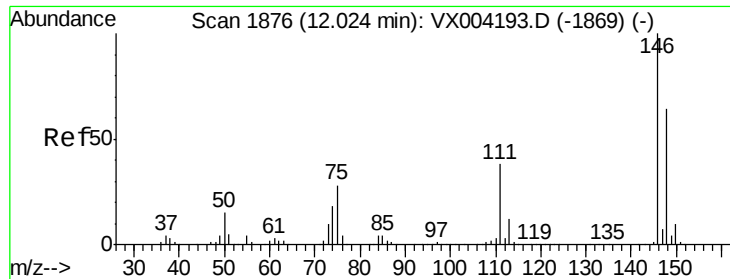


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.40 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBSD01

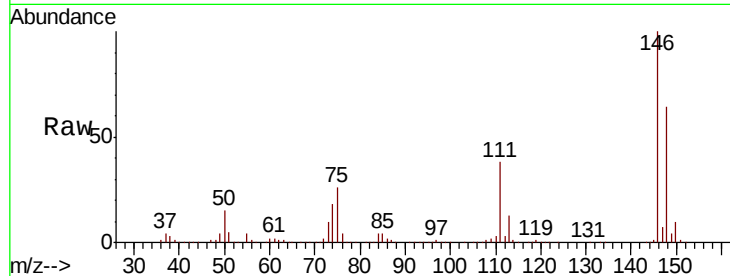
Tot Ion:146 Resp: 197059

Ion Ratio Lower Upper

146 100

111 37.7 18.7 56.1

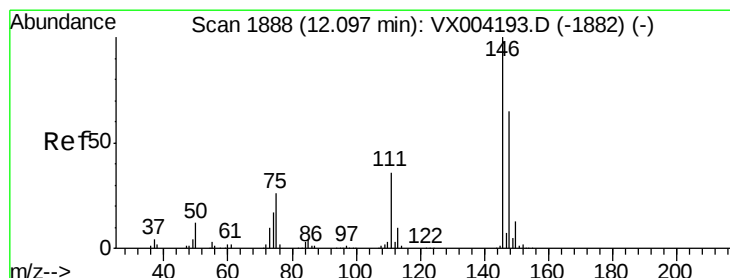
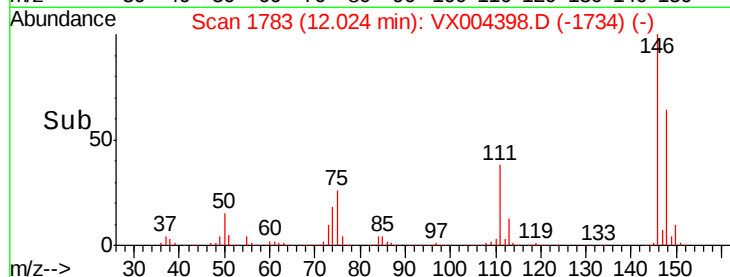
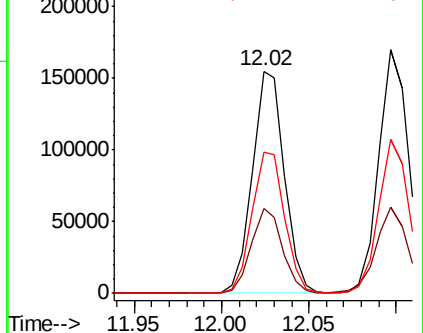
148 65.2 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.94 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

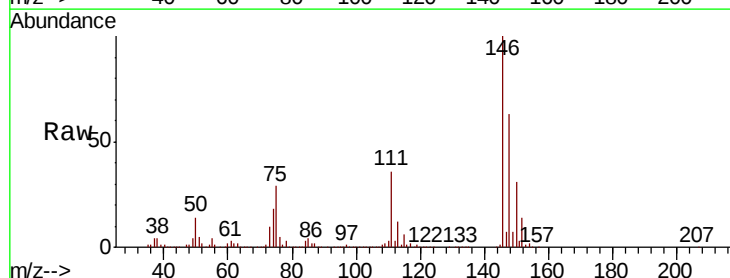
Tgt Ion:146 Resp: 202822

Ion Ratio Lower Upper

146 100

111 36.7 18.1 54.1

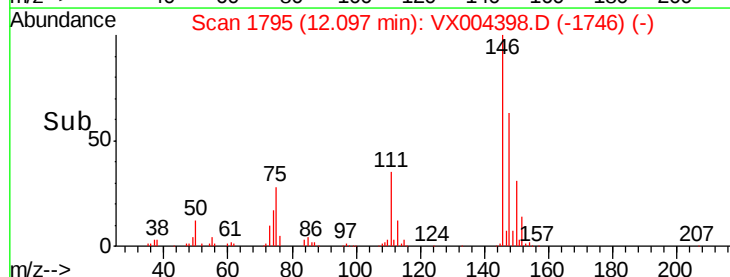
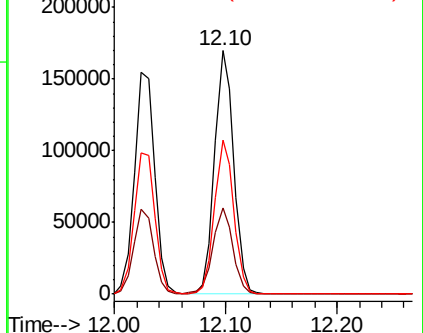
148 63.8 32.0 96.0

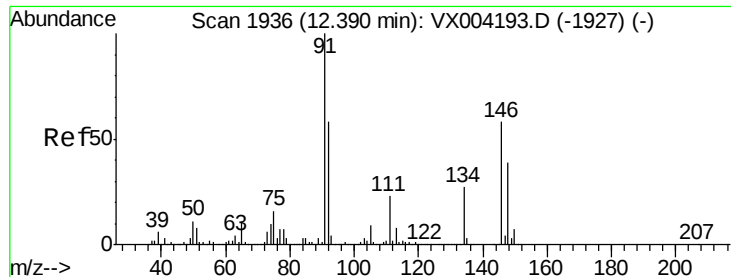


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

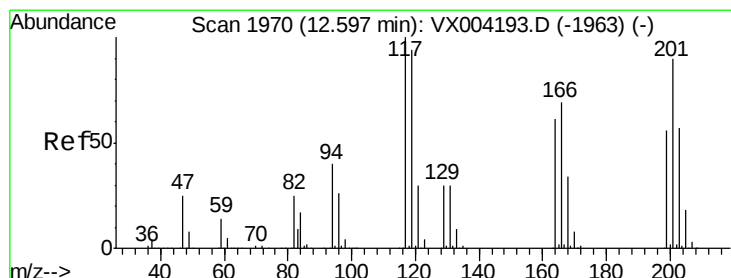
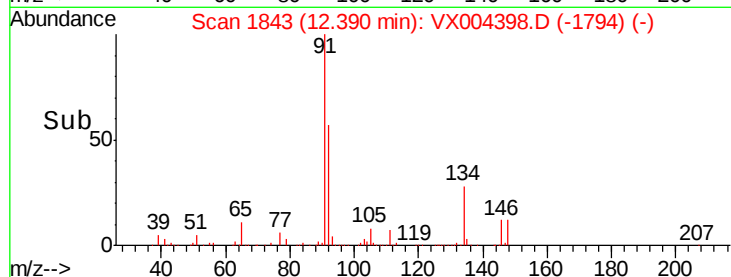
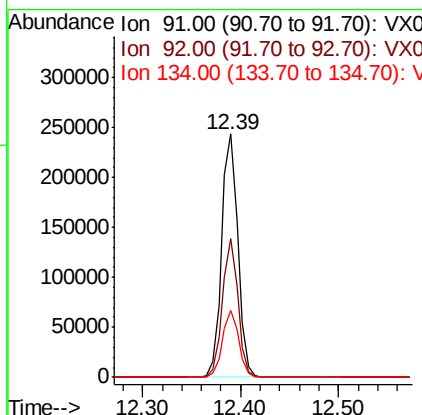
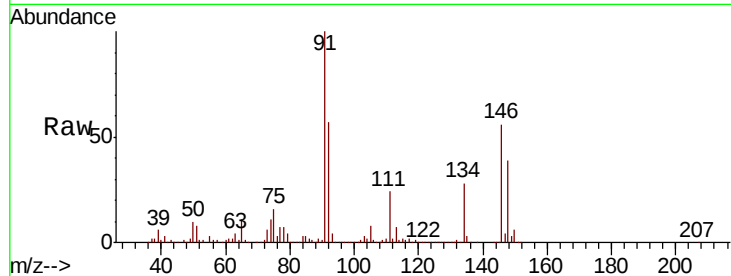




#89
n-Butylbenzene
Concen: 20.17 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

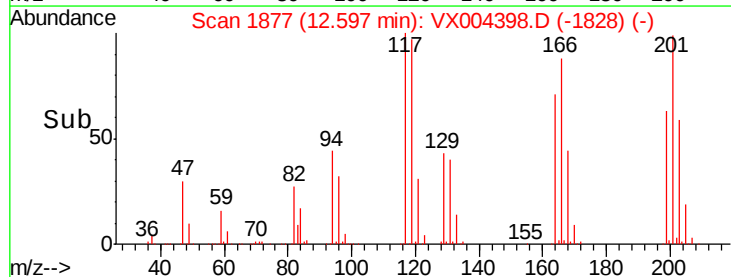
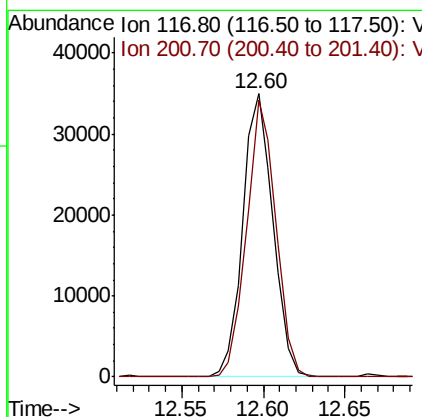
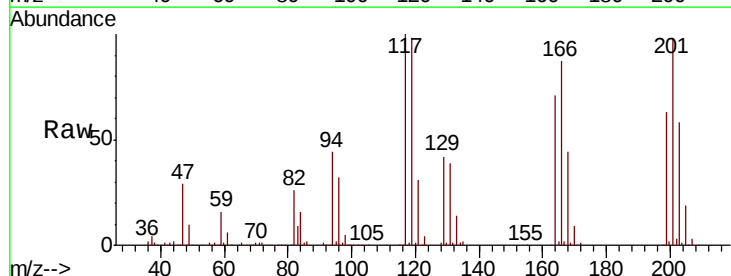
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBSD01

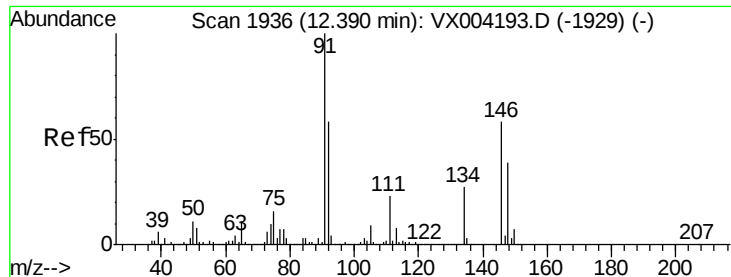
Tot Ion: 91 Resp: 279610
Ion Ratio Lower Upper
91 100
92 54.7 27.3 81.9
134 27.5 13.6 40.7



#90
Hexachloroethane
Concen: 18.92 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004398.D
Acq: 06 Sep 2018 21:07

Tgt Ion: 117 Resp: 45092
Ion Ratio Lower Upper
117 100
201 94.9 46.9 140.6

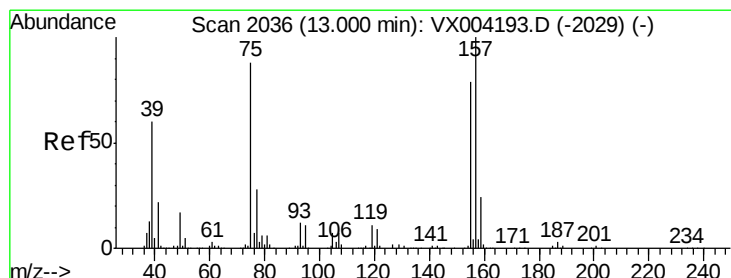
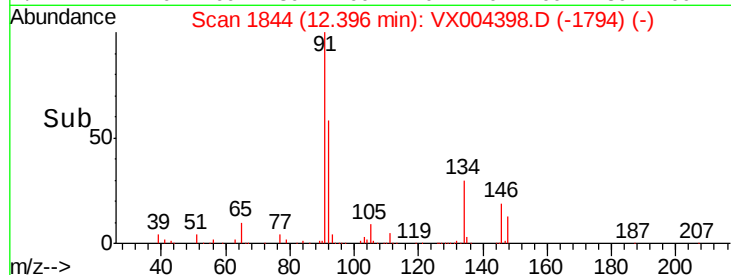
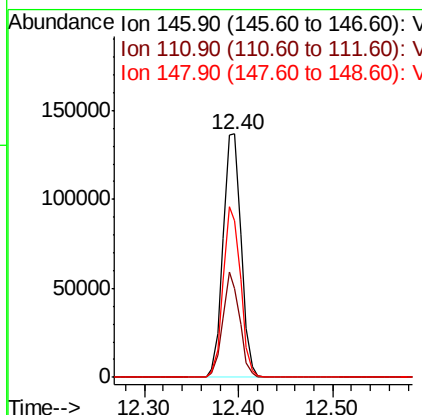
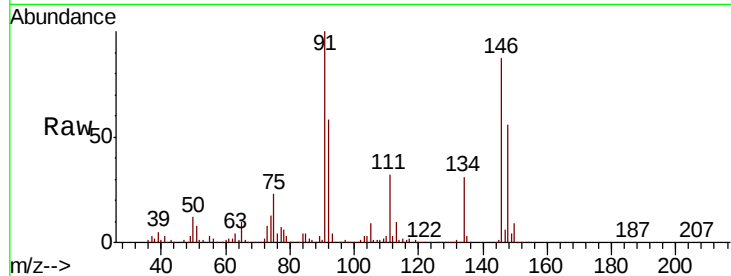




#91
 1,2-Dichlorobenzene
 Concen: 19.62 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

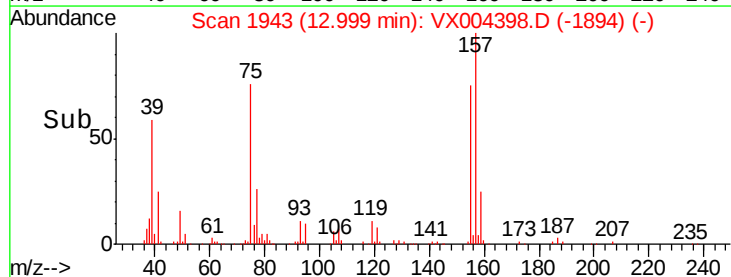
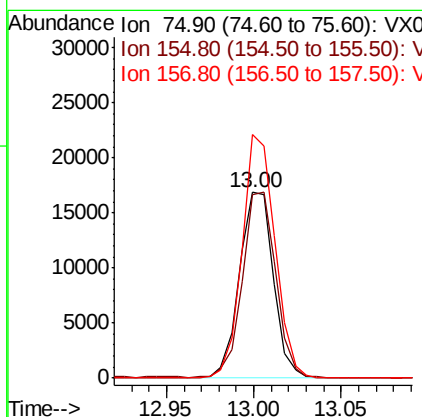
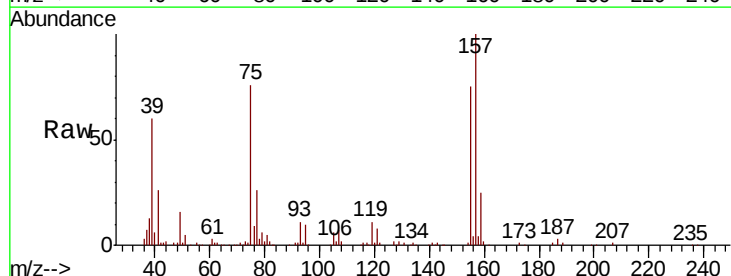
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBSD01

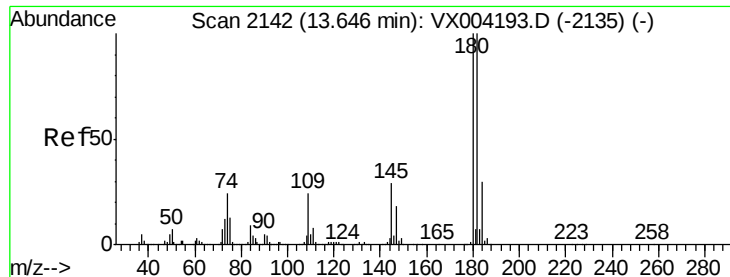
Tot Ion:146 Resp: 182118
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.4 58.1
 148 67.2 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.17 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Tgt Ion: 75 Resp: 22716
 Ion Ratio Lower Upper
 75 100
 155 98.8 48.0 144.2
 157 127.2 61.4 184.1

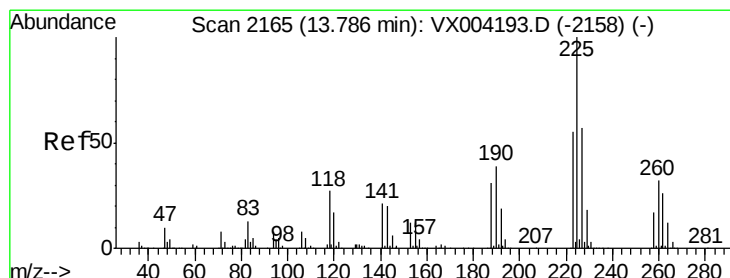
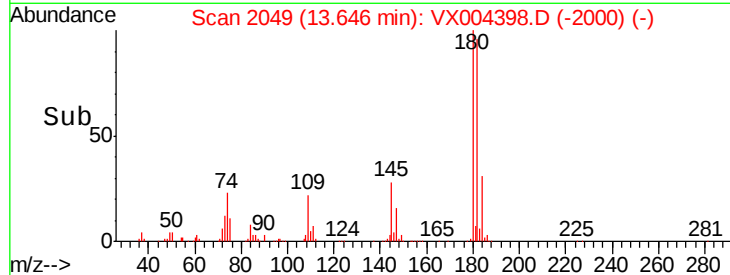
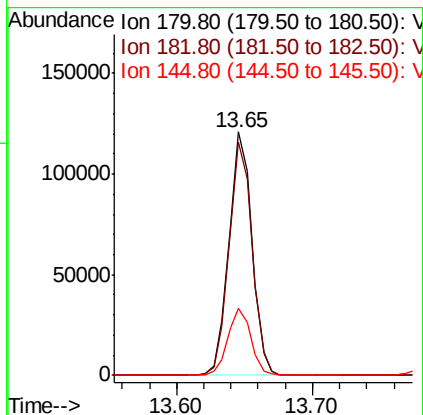
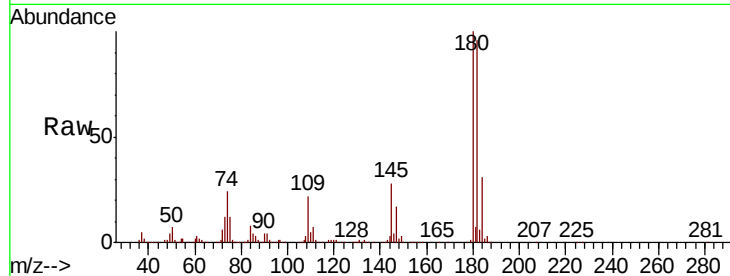




#93
 1,2,4-Trichlorobenzene
 Concen: 21.09 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

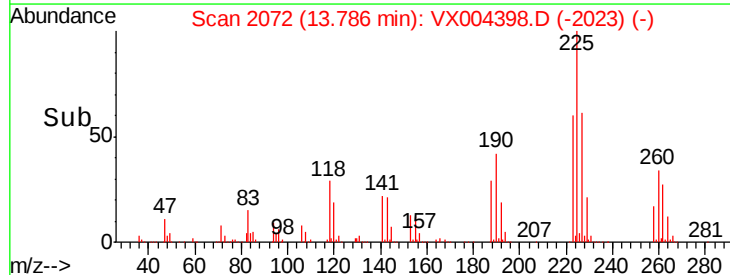
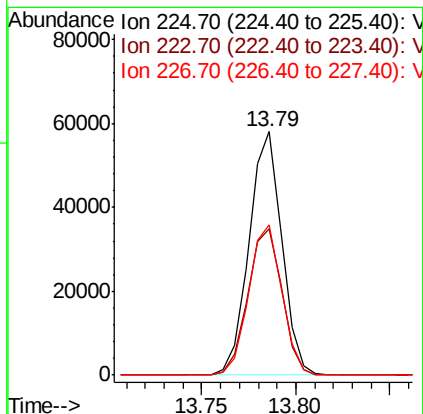
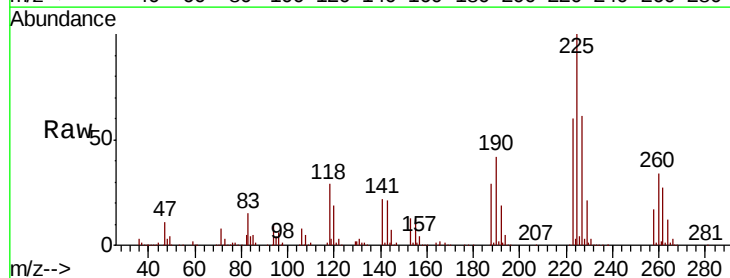
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

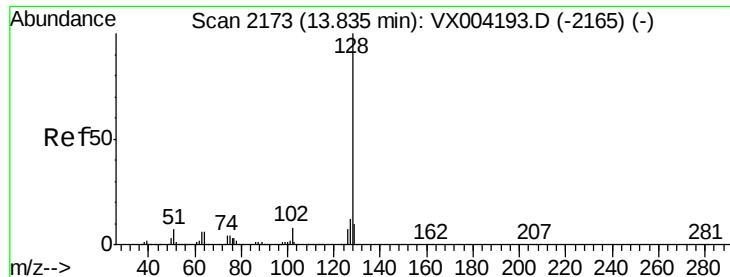
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.4	145.0
145	27.4	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 22.20 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004398.D
 Acq: 06 Sep 2018 21:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.1	90.5
227	62.4	30.8	92.4





#95

Naphthalene

Concen: 22.93 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBSD01

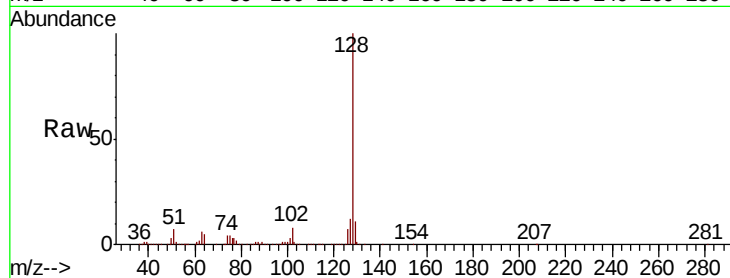
Tot Ion:128 Resp: 438080

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

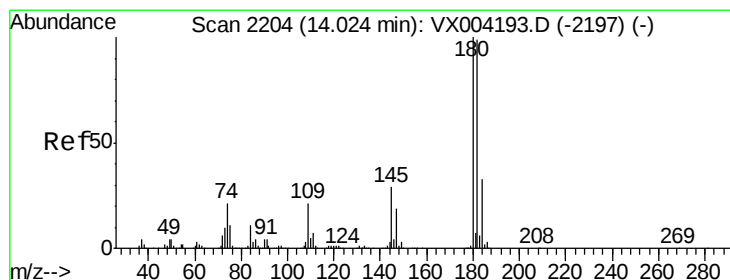
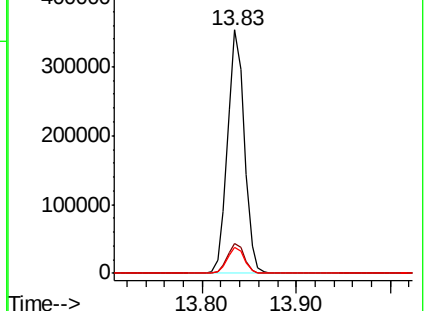
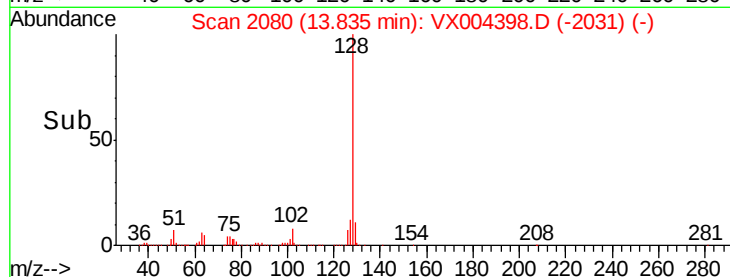
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.11 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004398.D

Acq: 06 Sep 2018 21:07

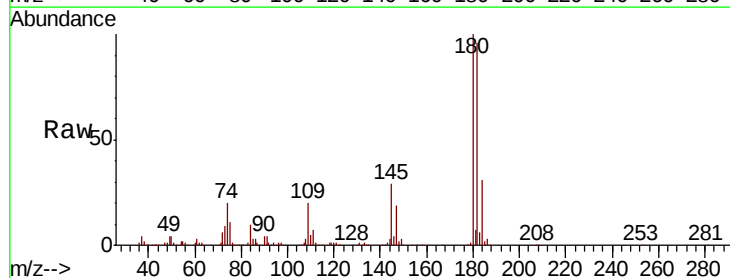
Tgt Ion:180 Resp: 150953

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.6

145 29.7 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

