

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002739.D
 Acq On : 20 Jun 2018 14:07
 Operator : JC/MD
 Sample : VX0620WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 03:56:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193236	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152006	42.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.70%	
35) Dibromofluoromethane	5.51	113	119397	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
50) Toluene-d8	8.72	98	436197	44.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.46%	
62) 4-Bromofluorobenzene	11.14	95	163891	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48420	19.31	ug/l	98
3) Chloromethane	1.32	50	51196	17.16	ug/l	100
4) Vinyl Chloride	1.40	62	55197	17.83	ug/l	100
5) Bromomethane	1.64	94	32111	17.19	ug/l	96
6) Chloroethane	1.72	64	37336	18.30	ug/l	100
7) Trichlorofluoromethane	1.93	101	95901	19.07	ug/l	98
8) Diethyl Ether	2.19	74	33754	17.65	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53985	19.21	ug/l	99
10) Methyl Iodide	2.51	142	49589	16.90	ug/l	99
11) Tert butyl alcohol	3.08	59	70867	95.51	ug/l	98
12) 1,1-Dichloroethene	2.37	96	46459	17.60	ug/l	99
13) Acrolein	2.29	56	41334	122.43	ug/l	99
14) Allyl chloride	2.73	41	94134	17.96	ug/l	100
15) Acrylonitrile	3.15	53	149446	92.30	ug/l	98
16) Acetone	2.45	43	157130	99.23	ug/l	99
17) Carbon Disulfide	2.57	76	119720	19.13	ug/l	97
18) Methyl Acetate	2.78	43	79679	18.89	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	174347	17.61	ug/l	99
20) Methylene Chloride	2.86	84	54275	16.72	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	51228	17.89	ug/l	99
22) Diisopropyl ether	3.88	45	173098	18.26	ug/l	99
23) Vinyl Acetate	3.83	43	731555	92.20	ug/l	99
24) 1,1-Dichloroethane	3.70	63	96547	18.76	ug/l	99
25) 2-Butanone	4.71	43	208119	100.08	ug/l	98
26) 2,2-Dichloropropane	4.59	77	71105	19.23	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55925	19.20	ug/l	97
28) Bromochloromethane	5.02	49	44855	18.61	ug/l	97
29) Tetrahydrofuran	5.17	42	130416	95.69	ug/l	97
30) Chloroform	5.22	83	95494	19.25	ug/l	97
31) Cyclohexane	5.58	56	80232	18.94	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	82687	19.92	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68946	19.95	ug/l	99
37) Ethyl Acetate	4.87	43	77154	19.72	ug/l	98
38) Carbon Tetrachloride	5.79	117	73975	21.49	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79583	19.69	ug/l	97
40) Benzene	6.15	78	205716	19.85	ug/l	100
41) Methacrylonitrile	5.07	41	44213	20.01	ug/l	98
42) 1,2-Dichloroethane	6.20	62	80848	20.15	ug/l	99
43) Isopropyl Acetate	6.47	43	124652	19.23	ug/l	99
44) Trichloroethene	7.22	130	59753	19.97	ug/l	96
45) 1,2-Dichloropropane	7.52	63	54169	19.86	ug/l	97
46) Dibromomethane	7.67	93	37475	20.54	ug/l	99
47) Bromodichloromethane	7.90	83	67296	20.91	ug/l	97
48) Methyl methacrylate	7.78	41	64757	19.55	ug/l	98
49) 1,4-Dioxane	7.76	88	26615	424.27	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	417039	100.20	ug/l	99
52) Toluene	8.79	92	132519	20.04	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	78463	19.93	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	70287	19.40	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	54567	20.42	ug/l	99
56) Ethyl methacrylate	9.18	69	78604	19.12	ug/l	98
57) 1,3-Dichloropropane	9.38	76	89786	19.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	177541	89.28	ug/l	99
59) 2-Hexanone	9.50	43	319702	101.94	ug/l	98
60) Dibromochloromethane	9.59	129	53189	20.13	ug/l	100
61) 1,2-Dibromoethane	9.68	107	57341	20.72	ug/l	99
64) Tetrachloroethene	9.34	164	64311	18.45	ug/l	100
65) Chlorobenzene	10.14	112	153064	19.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	54688	20.80	ug/l	99
67) Ethyl Benzene	10.26	91	253190	19.46	ug/l	100
68) m/p-Xylenes	10.36	106	198910	39.64	ug/l	99
69) o-Xylene	10.70	106	94949	19.26	ug/l	100
70) Styrene	10.71	104	158242	19.52	ug/l	98
71) Bromoform	10.86	173	40546	20.14	ug/l	99
73) Isopropylbenzene	11.02	105	257704	19.94	ug/l	100
74) N-amyl acetate	6.47	43	124652	19.41	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.27	83	81688	21.40	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	89521	24.55	ug/l	80
77) Bromobenzene	11.26	156	73100	20.30	ug/l	96
78) n-propylbenzene	11.37	91	292240	19.72	ug/l	99
79) 2-Chlorotoluene	11.43	91	175078	19.78	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	216948	19.86	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19196	19.62	ug/l	90
82) 4-Chlorotoluene	11.51	91	207335	19.86	ug/l	99
83) tert-Butylbenzene	11.77	119	213494	20.29	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	223603	20.06	ug/l	99
85) sec-Butylbenzene	11.95	105	259985	19.87	ug/l	99
86) p-Isopropyltoluene	12.07	119	232658	19.65	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	130240	19.72	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	133792	19.91	ug/l	99
89) n-Butylbenzene	12.39	91	197457	18.91	ug/l	99
90) Hexachloroethane	12.60	117	32174	19.15	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	131691	19.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16872	21.11	ug/l	97

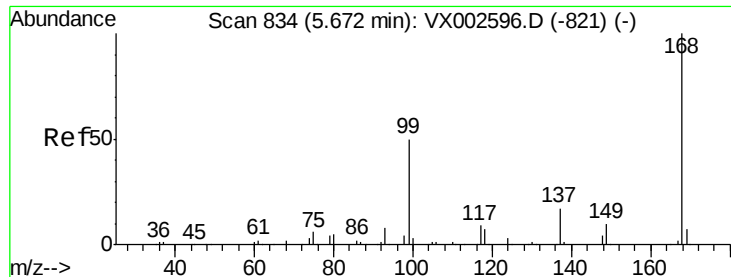
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94071	19.50	ug/l	99
94) Hexachlorobutadiene	13.79	225	48970	19.27	ug/l	99
95) Naphthalene	13.84	128	265220	20.44	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96857	19.99	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

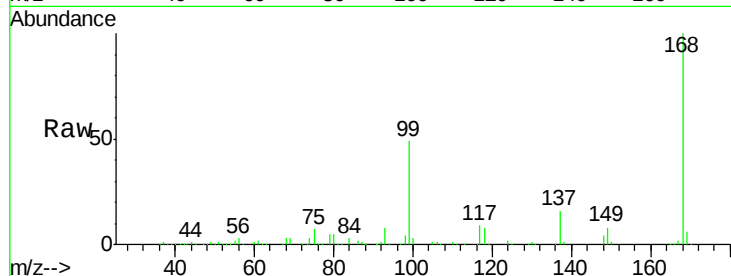
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 236192

Ion Ratio Lower Upper

168 100

99 49.0 39.3 58.9

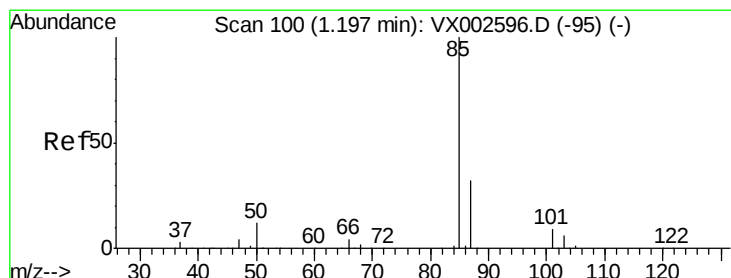
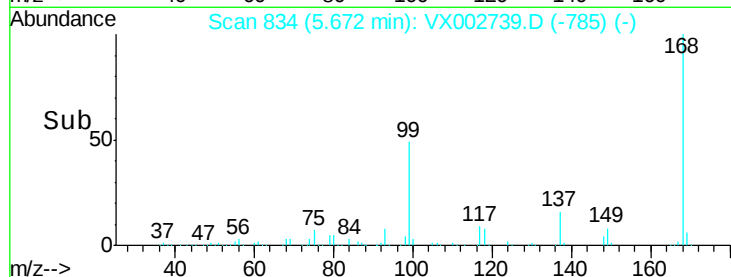


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.31 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002739.D

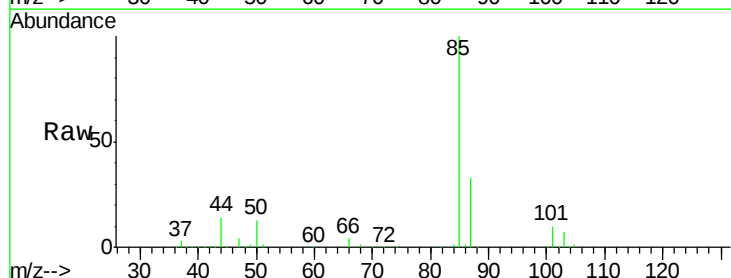
Acq: 20 Jun 2018 14:07

Tgt Ion: 85 Resp: 48420

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9

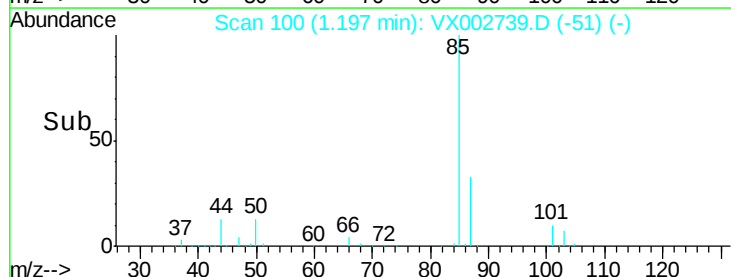


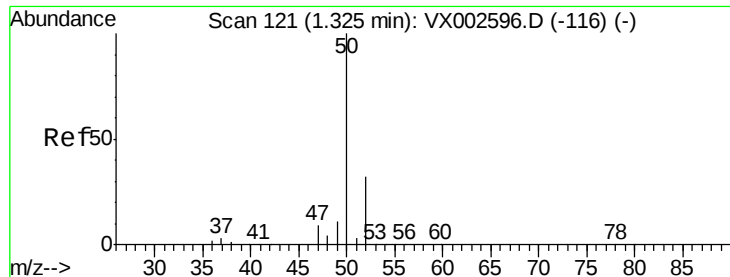
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.16 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

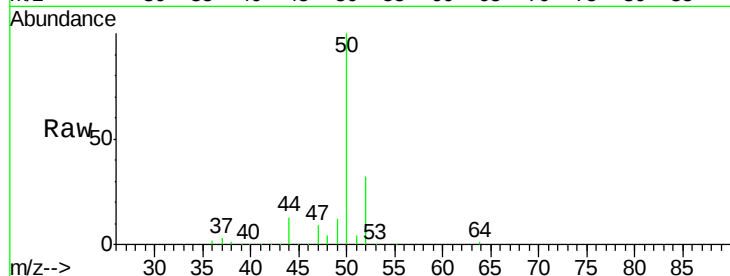
ClientSampleId :

Tot Ion: 50 Resp: 51196

Ion Ratio Lower Upper

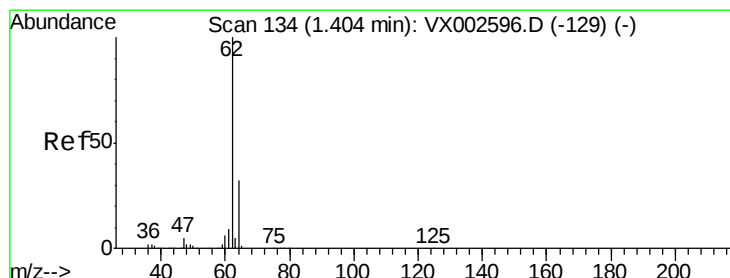
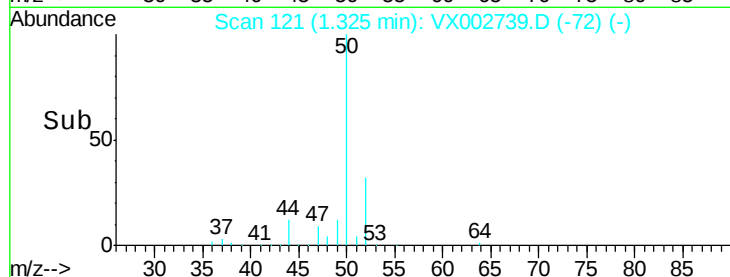
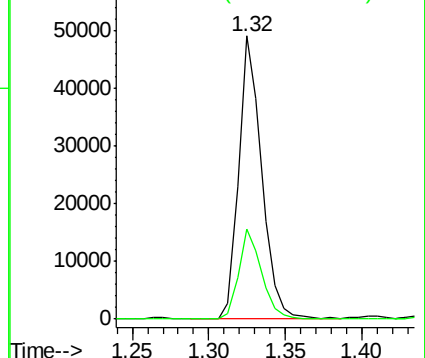
50 100

52 32.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.83 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002739.D

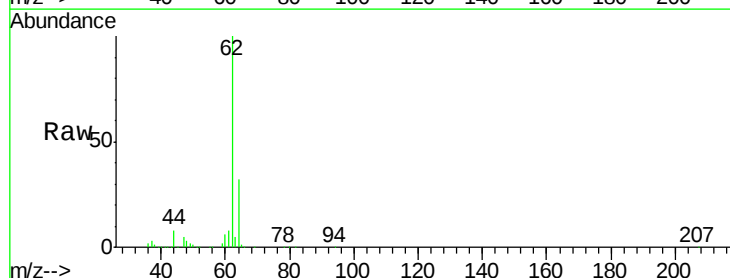
Acq: 20 Jun 2018 14:07

Tgt Ion: 62 Resp: 55197

Ion Ratio Lower Upper

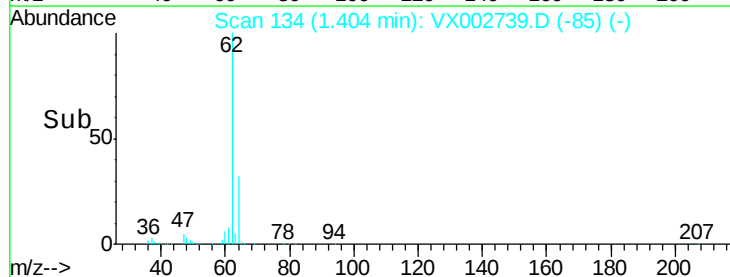
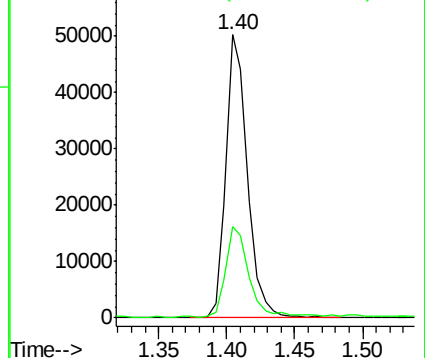
62 100

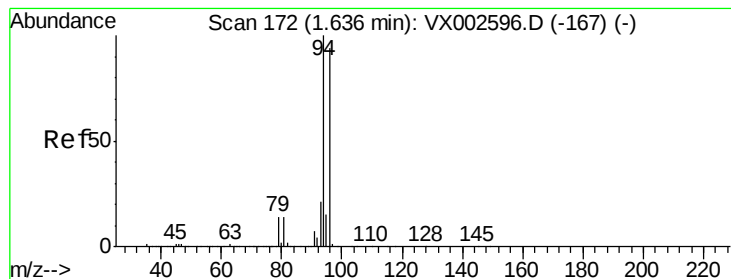
64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.19 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

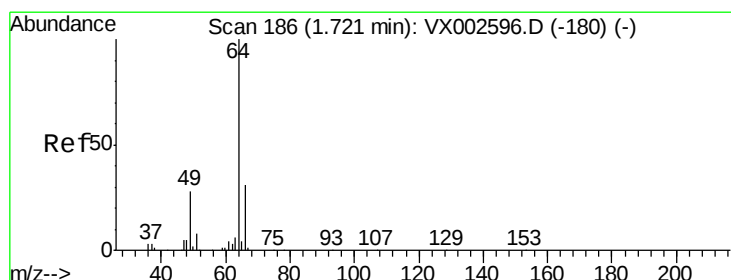
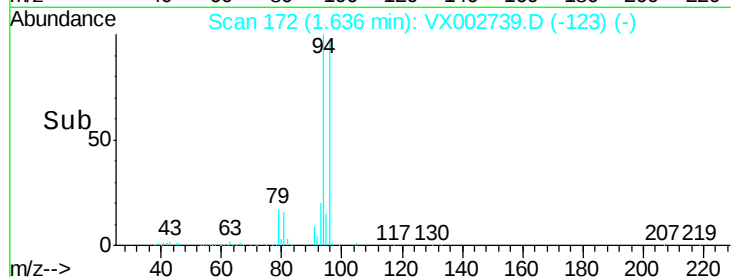
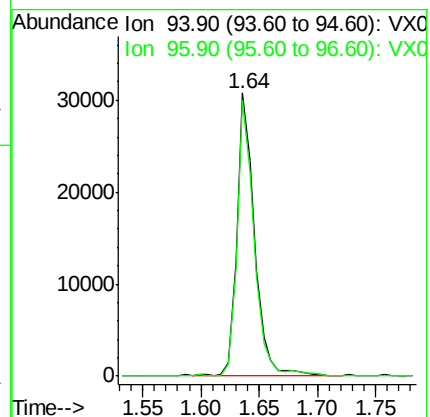
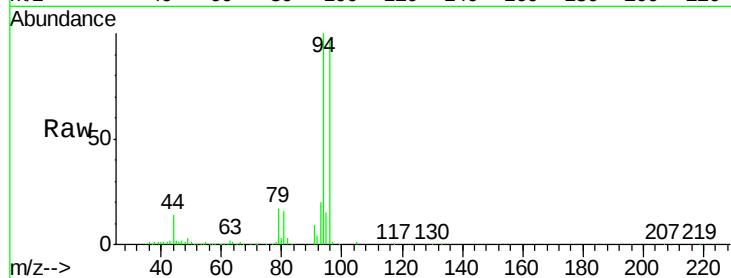
ClientSampleId :

Tot Ion: 94 Resp: 32111

Ion Ratio Lower Upper

94 100

96 97.2 74.9 112.3



#6

Chloroethane

Concen: 18.30 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002739.D

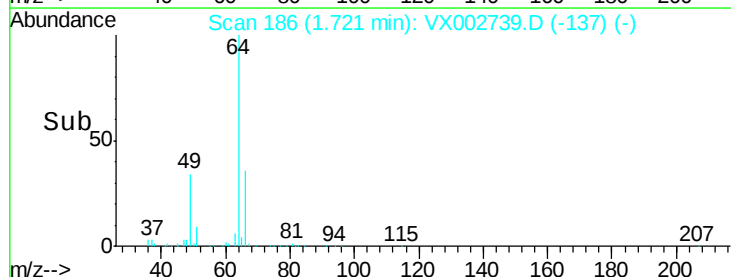
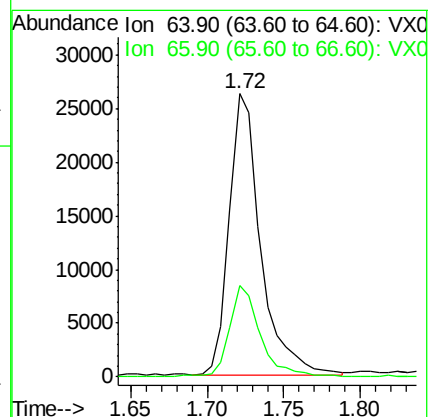
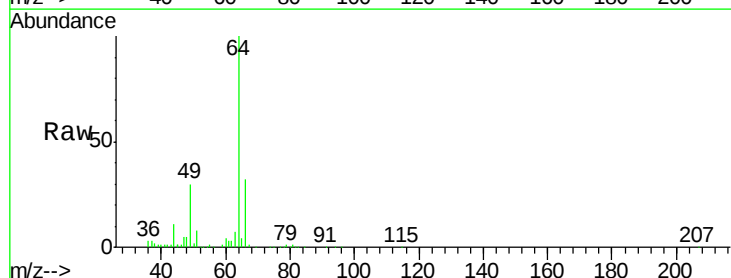
Acq: 20 Jun 2018 14:07

Tgt Ion: 64 Resp: 37336

Ion Ratio Lower Upper

64 100

66 32.0 25.5 38.3



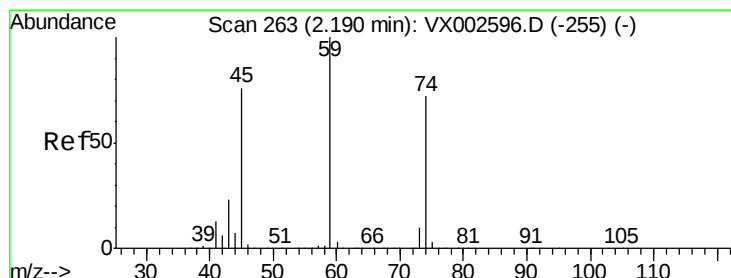
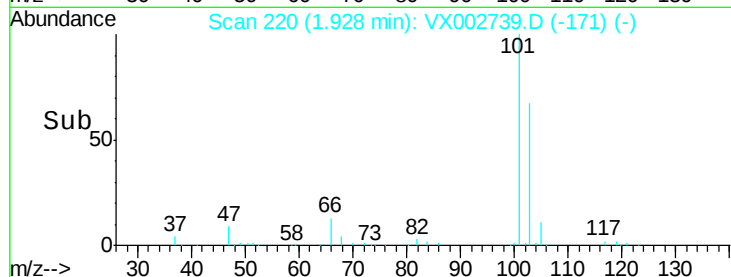
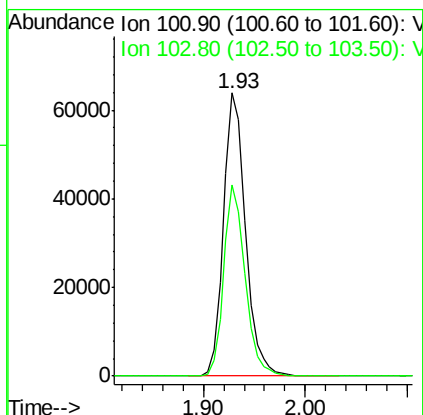
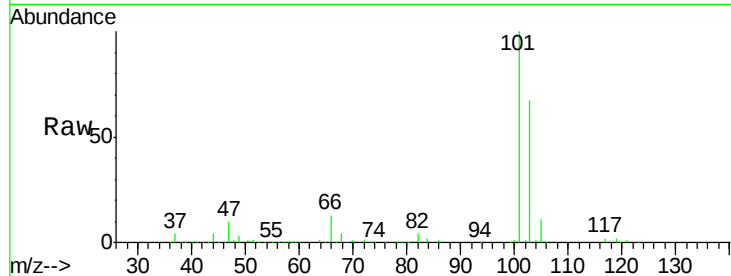


#7

Trichlorofluoromethane
Concen: 19.07 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :

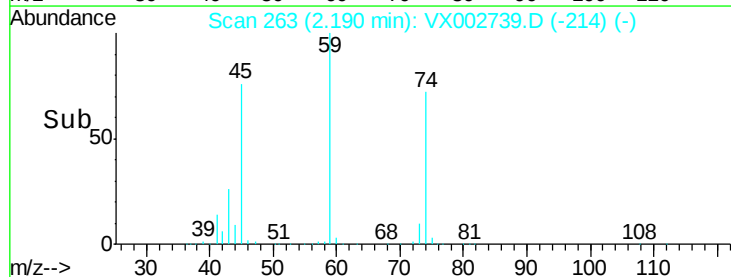
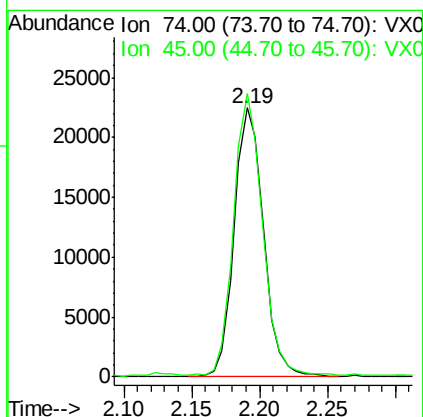
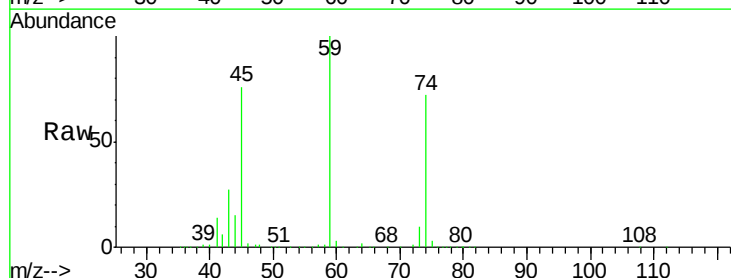
Tot Ion:101 Resp: 95901
Ion Ratio Lower Upper
101 100
103 67.4 52.8 79.2

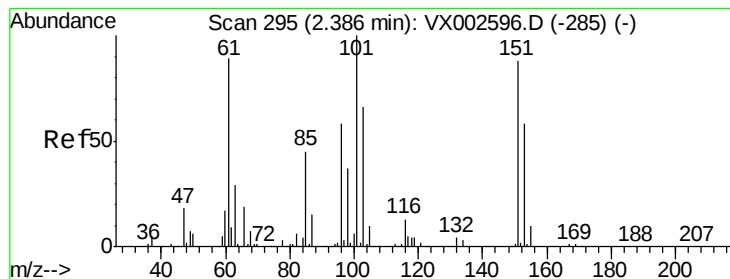


#8

Diethyl Ether
Concen: 17.65 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion: 74 Resp: 33754
Ion Ratio Lower Upper
74 100
45 102.4 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.21 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

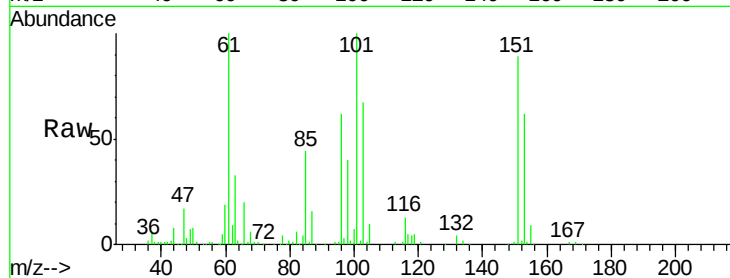
Tot Ion:101 Resp: 53985

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

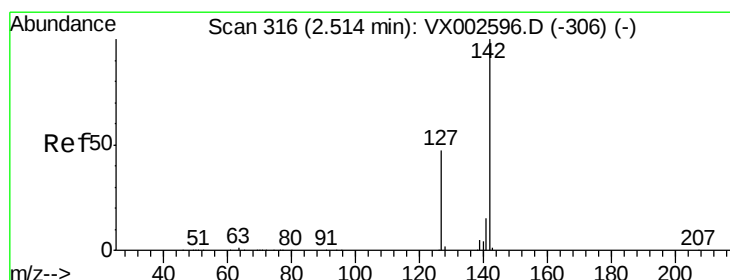
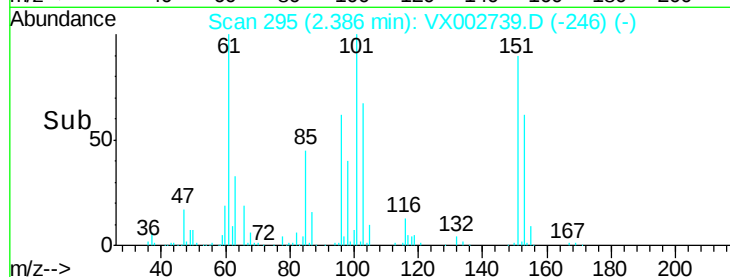
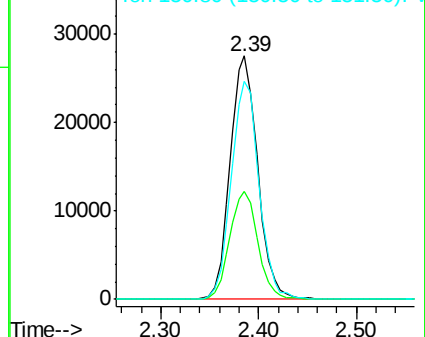
151 90.1 70.9 106.3



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: 16.90 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

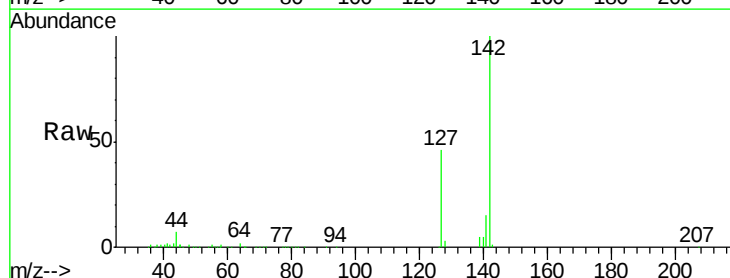
Tgt Ion:142 Resp: 49589

Ion Ratio Lower Upper

142 100

127 45.2 36.6 55.0

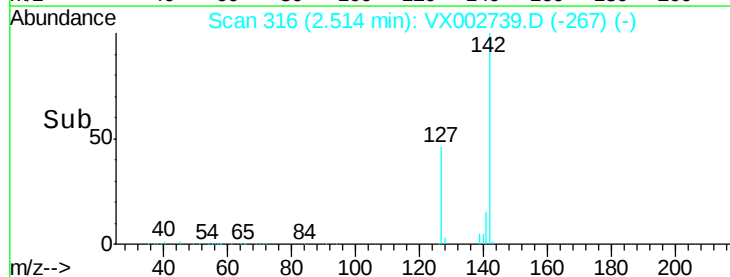
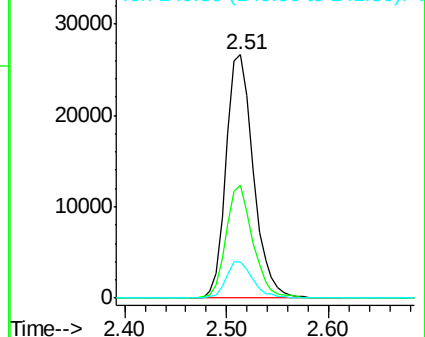
141 14.7 11.3 16.9

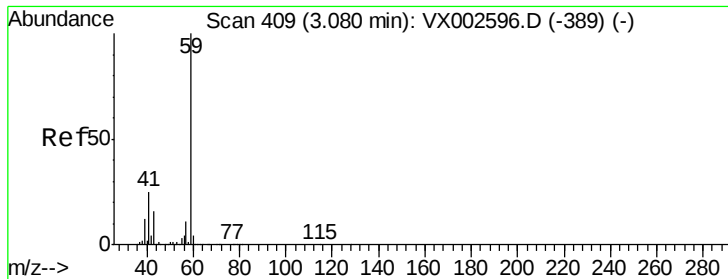


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



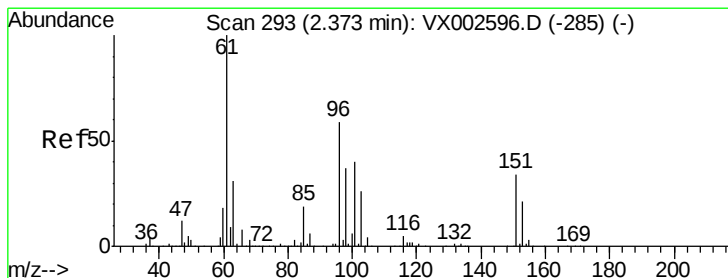
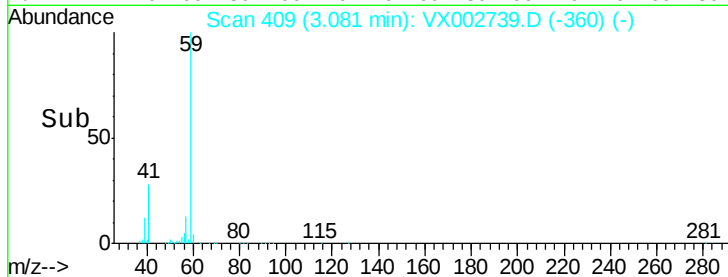
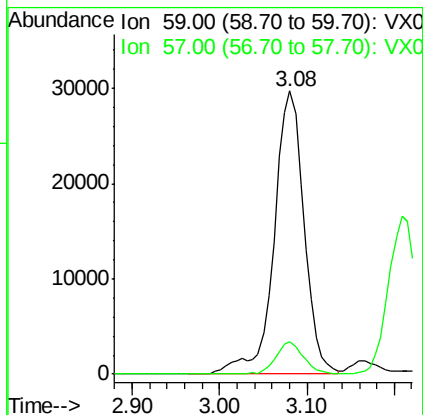
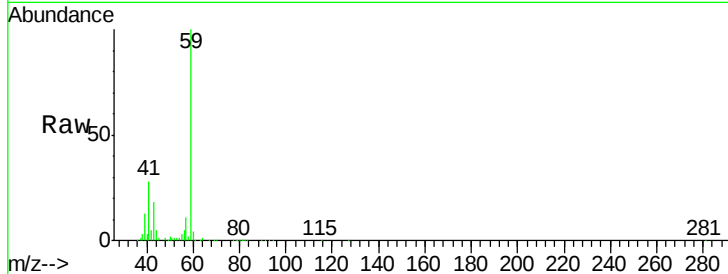


#11

Tert butyl alcohol
 Concen: 95.51 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Instrument :
 MSVOA_X
 ClientSampleId :

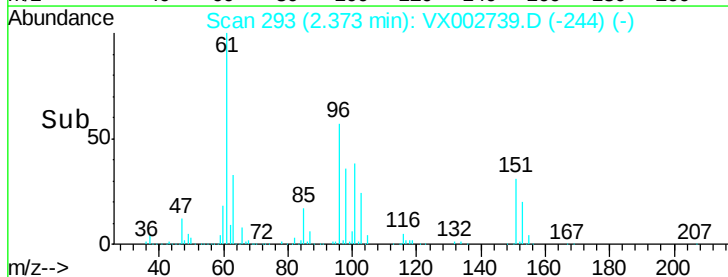
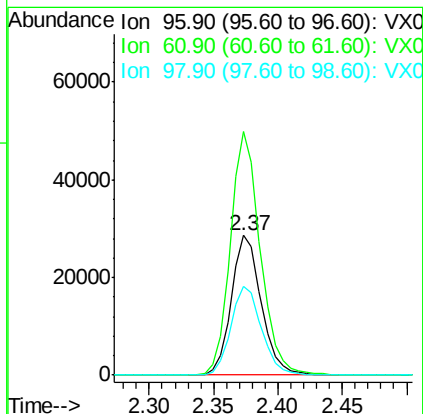
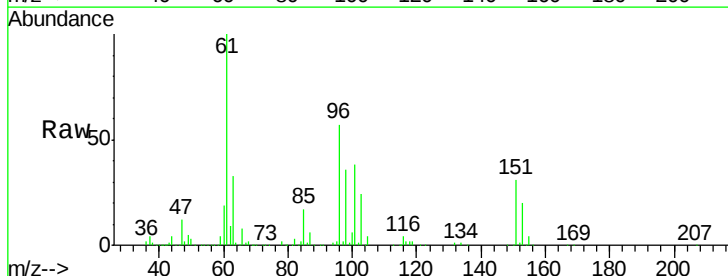
Tot Ion: 59 Resp: 70867
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.2

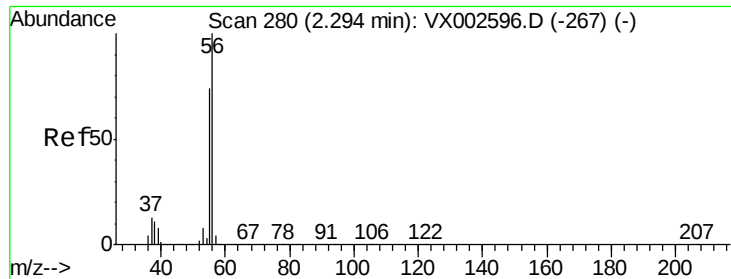


#12

1,1-Dichloroethene
 Concen: 17.60 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Tgt Ion: 96 Resp: 46459
 Ion Ratio Lower Upper
 96 100
 61 174.4 137.9 206.9
 98 63.6 51.6 77.4





#13

Acrolein

Concen: 122.43 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

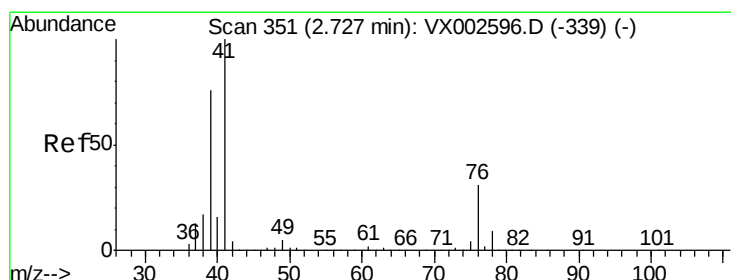
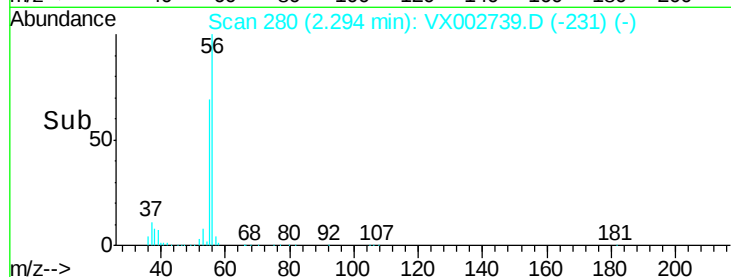
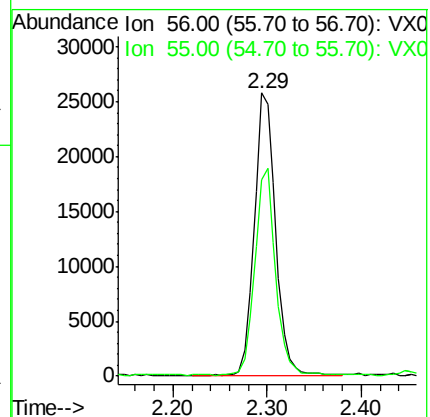
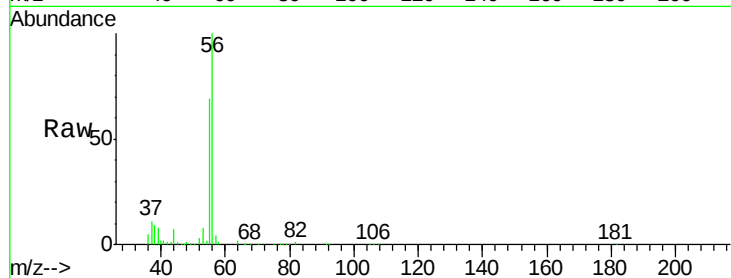
ClientSampleId :

Tot Ion: 56 Resp: 41334

Ion Ratio Lower Upper

56 100

55 72.2 57.0 85.4



#14

Allyl chloride

Concen: 17.96 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

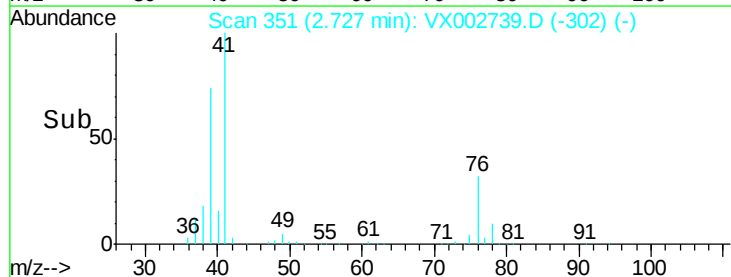
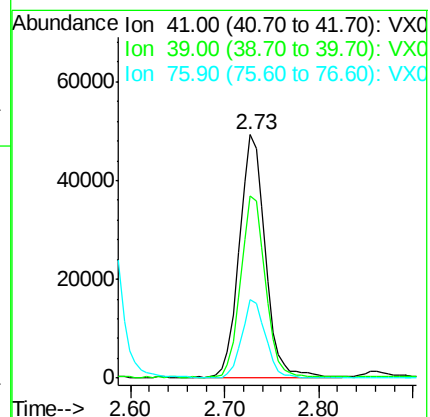
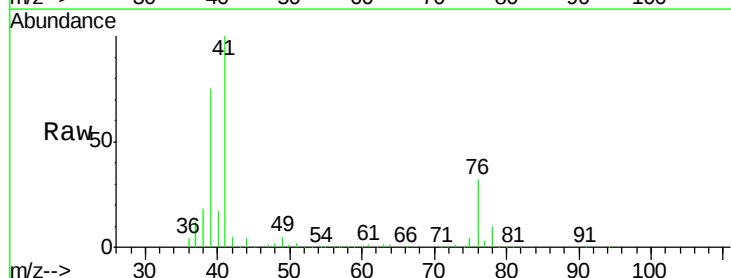
Tgt Ion: 41 Resp: 94134

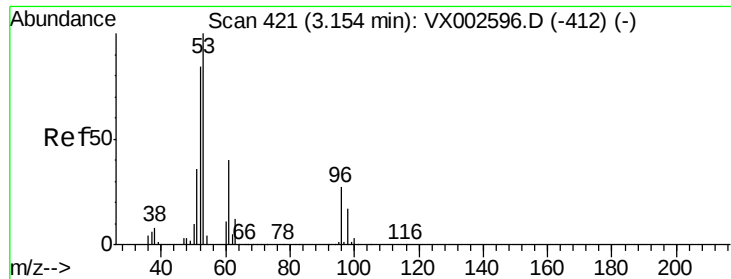
Ion Ratio Lower Upper

41 100

39 71.5 56.8 85.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 92.30 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

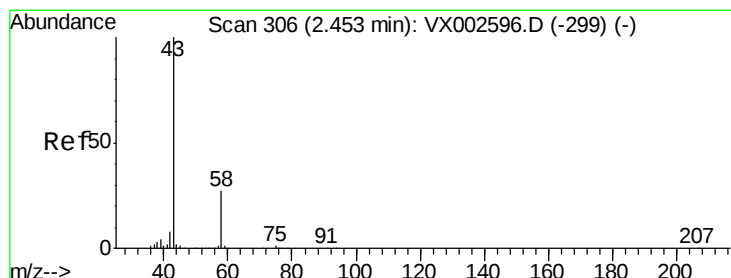
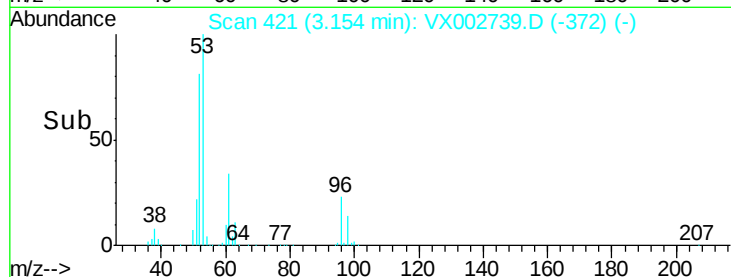
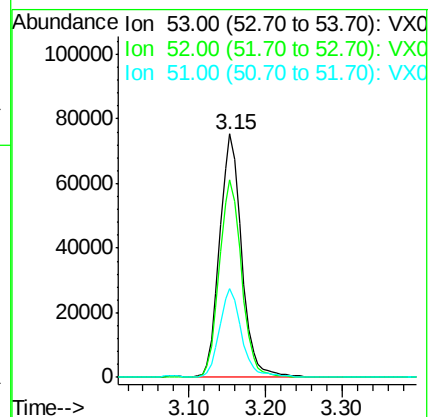
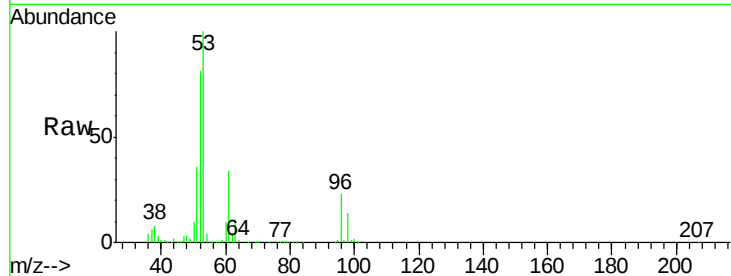
Tot Ion: 53 Resp: 149446

Ion Ratio Lower Upper

53 100

52 81.7 66.7 100.1

51 36.8 29.9 44.9



#16

Acetone

Concen: 99.23 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002739.D

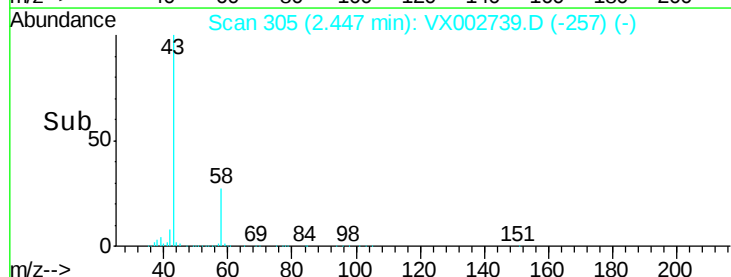
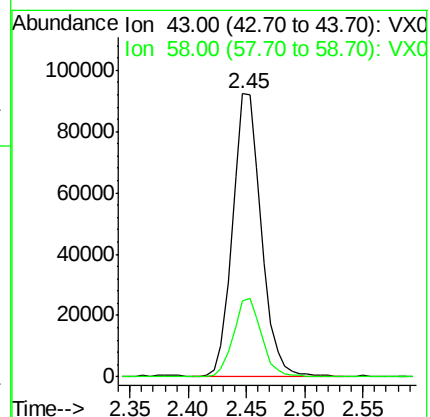
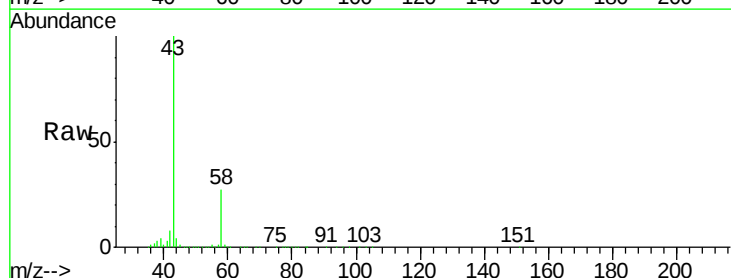
Acq: 20 Jun 2018 14:07

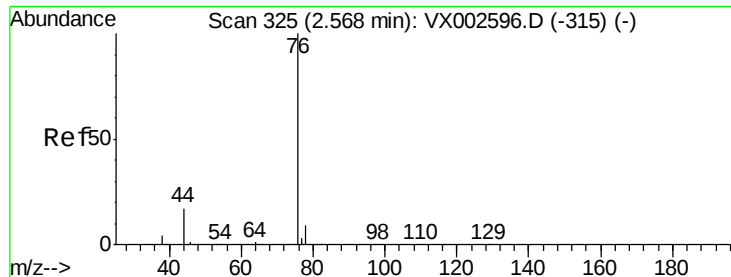
Tgt Ion: 43 Resp: 157130

Ion Ratio Lower Upper

43 100

58 27.1 22.1 33.1





#17

Carbon Disulfide

Concen: 19.13 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

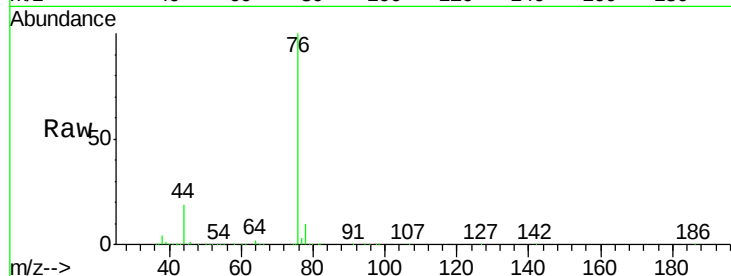
ClientSampleId :

Tot Ion: 76 Resp: 119720

Ion Ratio Lower Upper

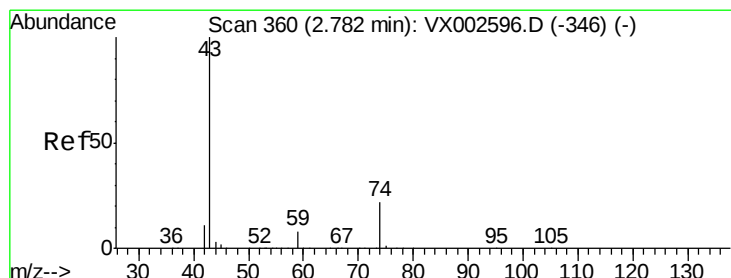
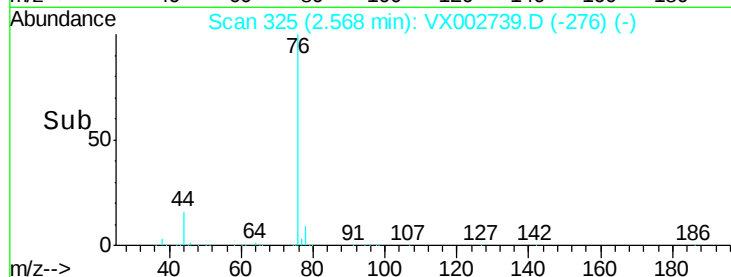
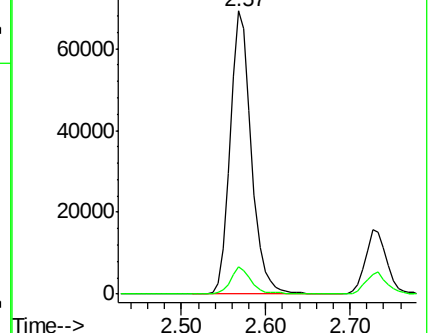
76 100

78 9.5 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX002739.D (-276) (-)

Ion 77.90 (77.60 to 78.60): VX002739.D (-276) (-)



#18

Methyl Acetate

Concen: 18.89 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002739.D

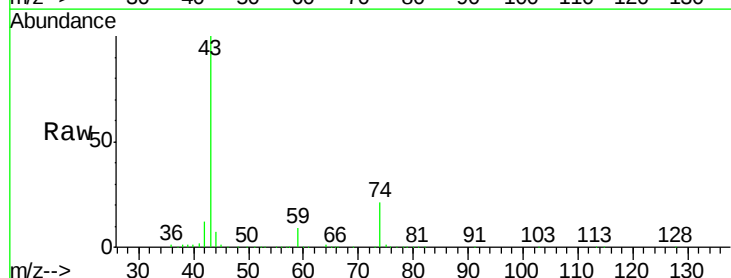
Acq: 20 Jun 2018 14:07

Tgt Ion: 43 Resp: 79679

Ion Ratio Lower Upper

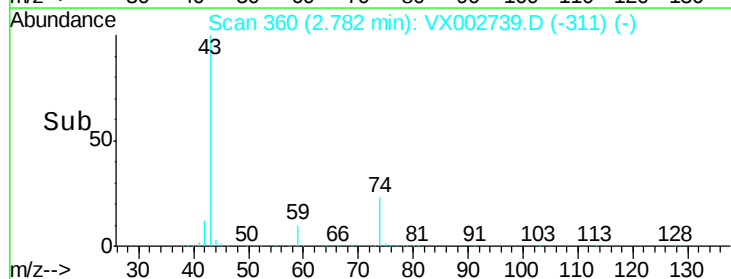
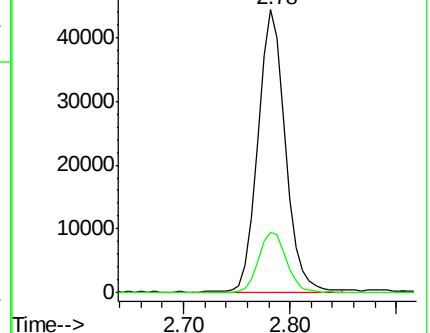
43 100

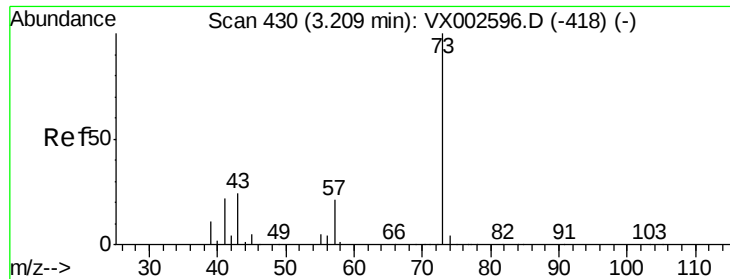
74 22.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX002739.D (-311) (-)

Ion 74.00 (73.70 to 74.70): VX002739.D (-311) (-)

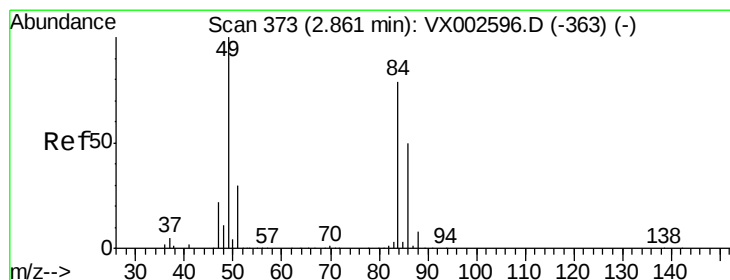
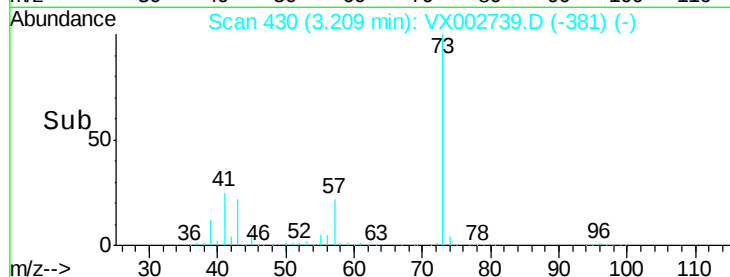
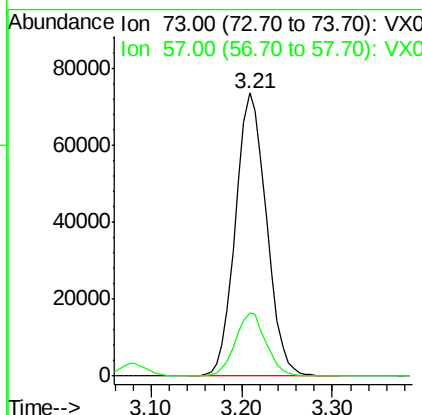
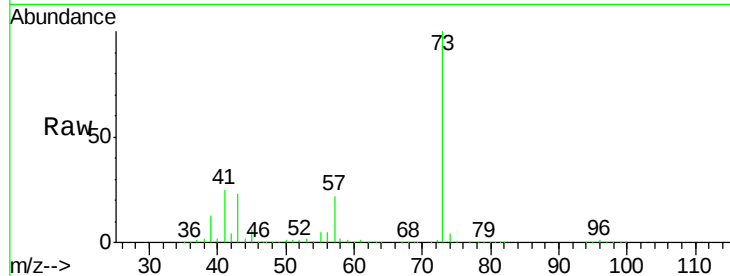




#19
Methyl tert-butyl Ether
Concen: 17.61 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

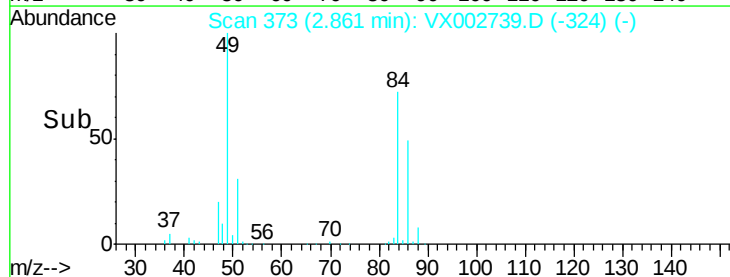
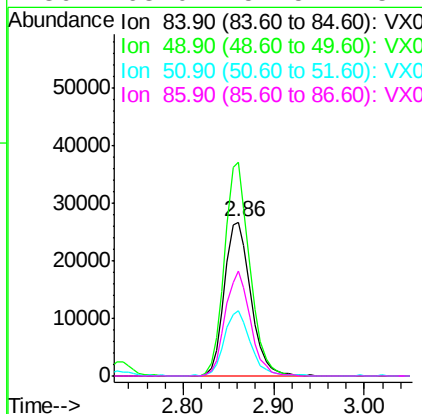
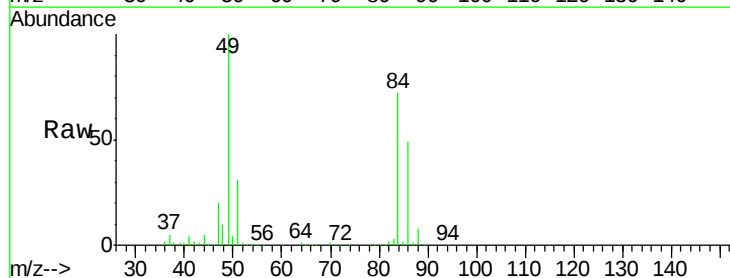
Instrument :
MSVOA_X
ClientSampleId :

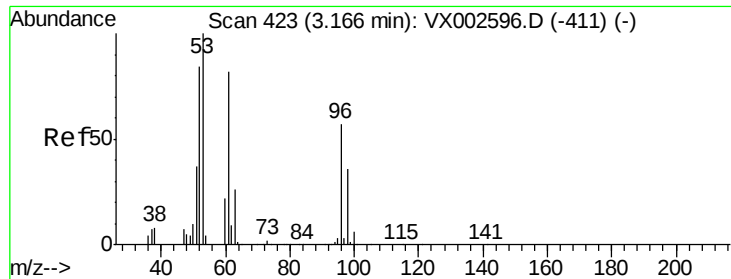
Tot Ion: 73 Resp: 174347
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 16.72 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion: 84 Resp: 54275
Ion Ratio Lower Upper
84 100
49 138.9 107.8 161.6
51 42.5 32.8 49.2
86 68.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.89 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampled :

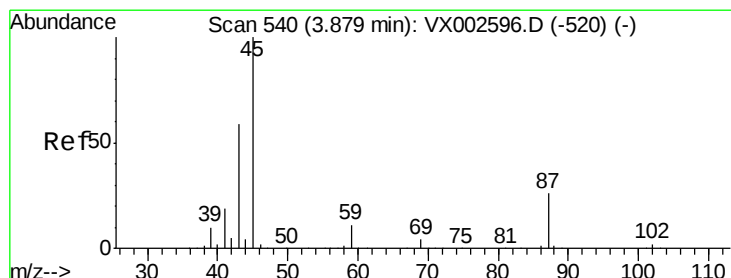
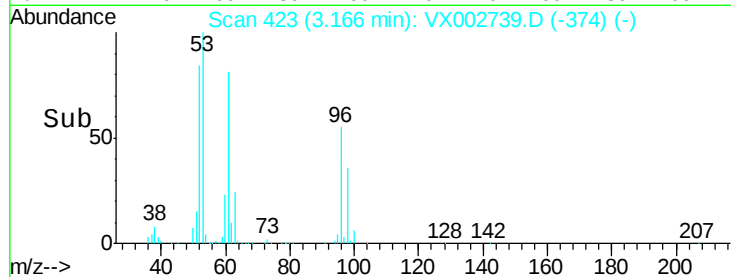
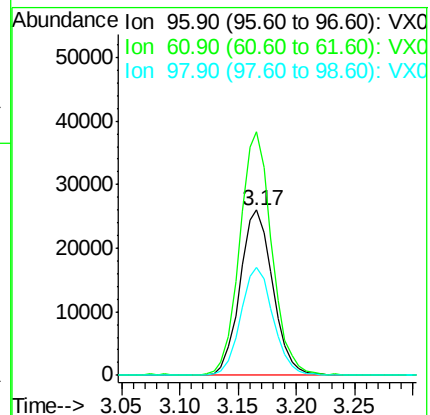
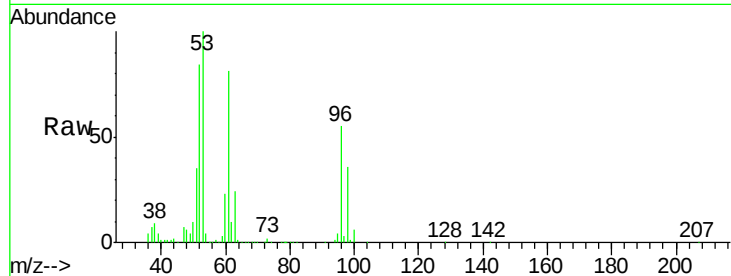
Tot Ion: 96 Resp: 51228

Ion Ratio Lower Upper

96 100

61 147.3 117.0 175.4

98 65.5 52.4 78.6



#22

Diisopropyl ether

Concen: 18.26 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Tgt Ion: 45 Resp: 173098

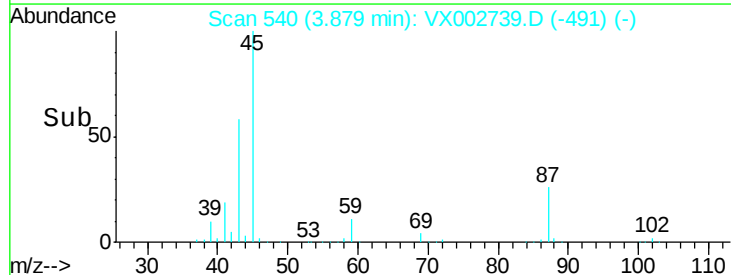
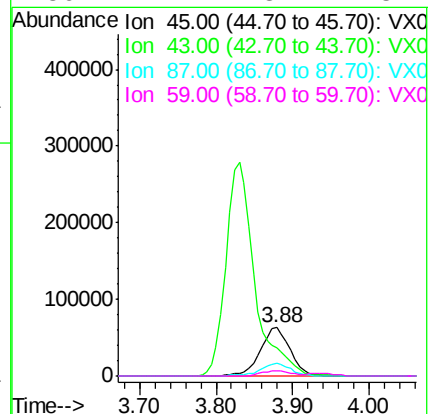
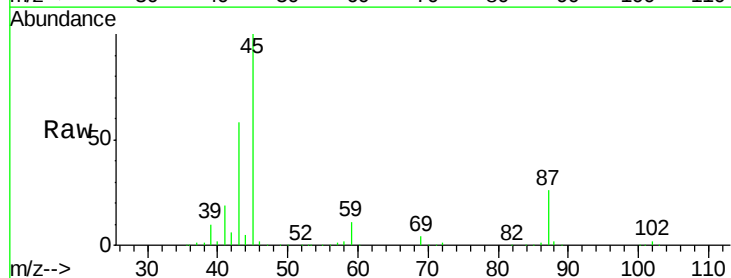
Ion Ratio Lower Upper

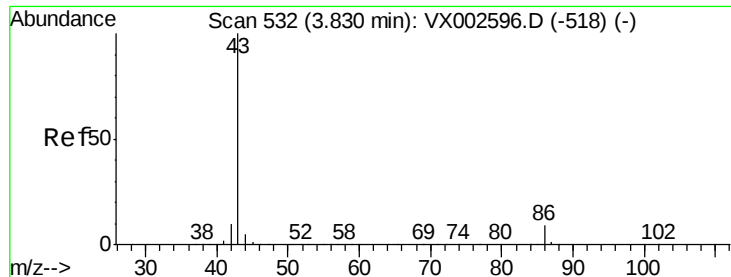
45 100

43 58.2 46.8 70.2

87 26.3 20.2 30.4

59 11.1 8.7 13.1





#23

Vinyl Acetate

Concen: 92.20 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

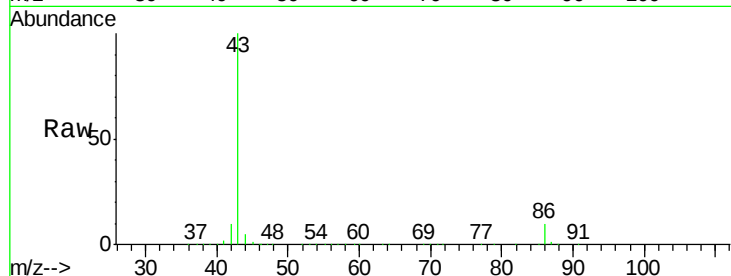
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 731555

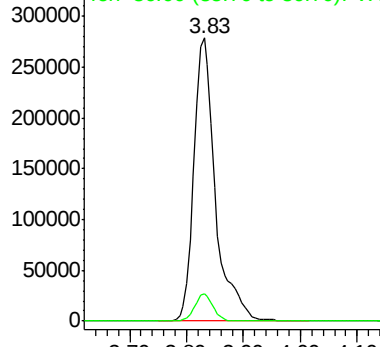
Ion Ratio Lower Upper

43 100

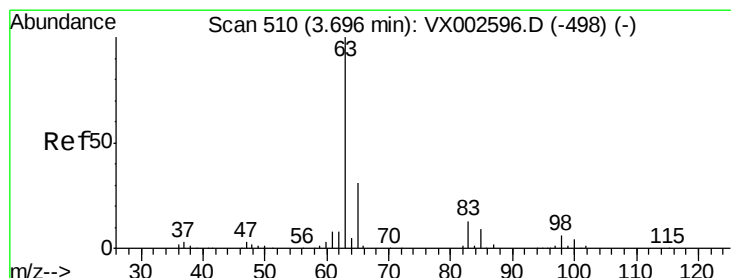
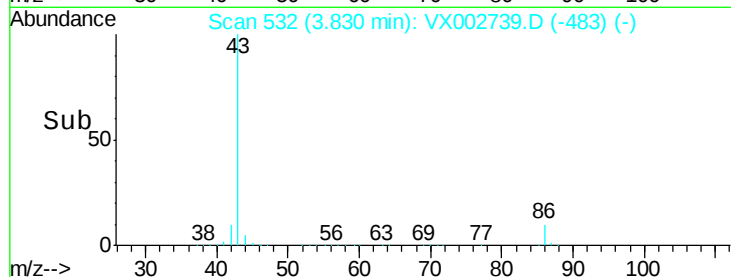
86 9.6 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 18.76 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

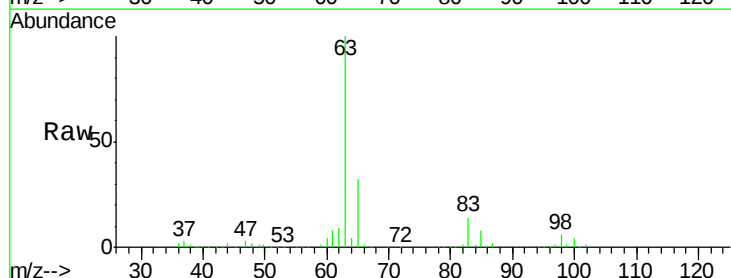
Tgt Ion: 63 Resp: 96547

Ion Ratio Lower Upper

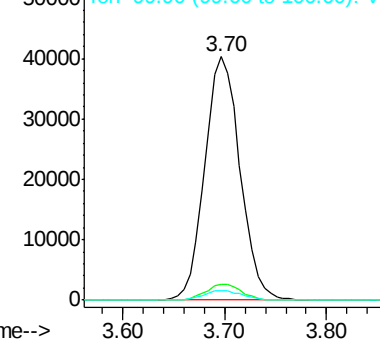
63 100

98 6.4 3.4 10.2

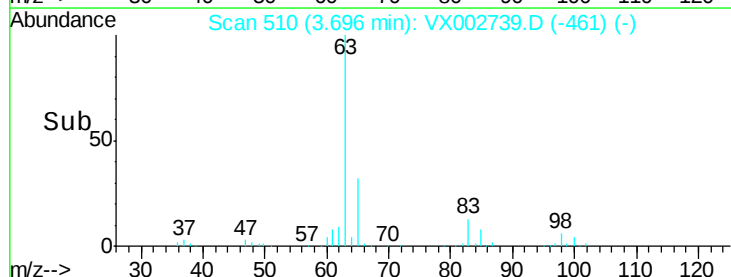
100 4.0 2.0 6.0

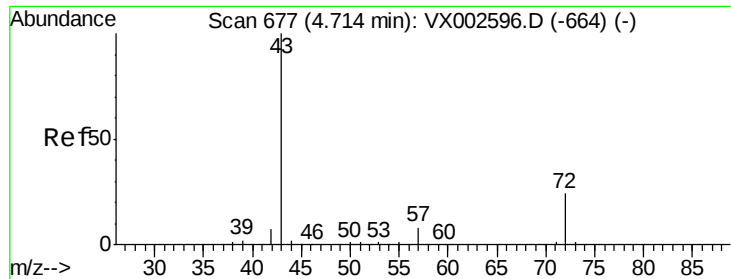


Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 100.08 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

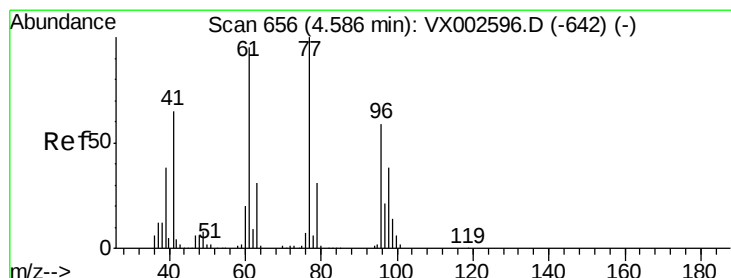
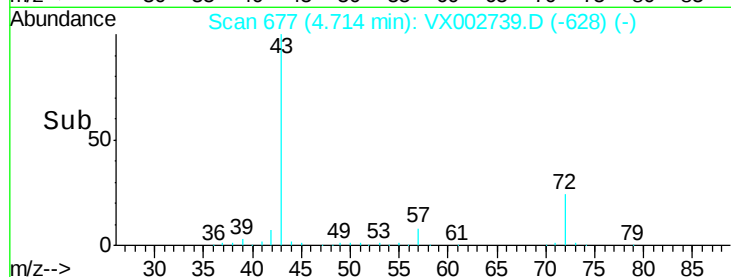
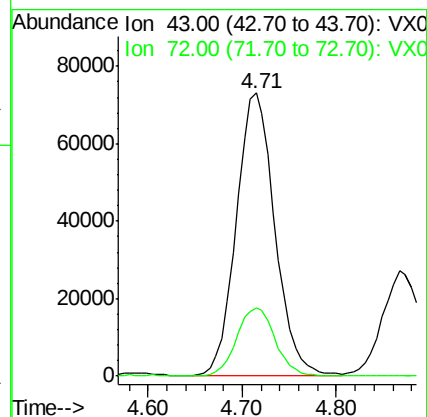
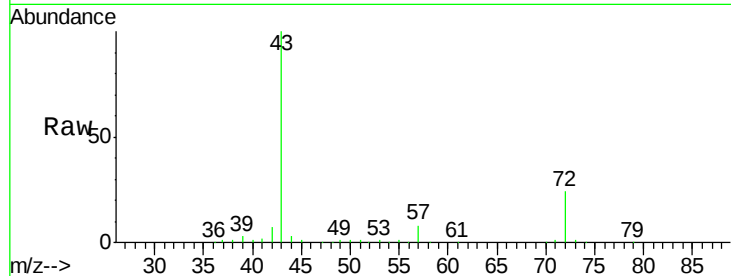
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 208119

Ion Ratio Lower Upper

43 100

72 24.0 18.5 27.7



#26

2,2-Dichloropropane

Concen: 19.23 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002739.D

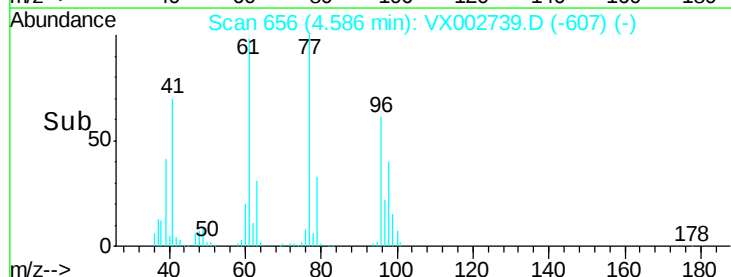
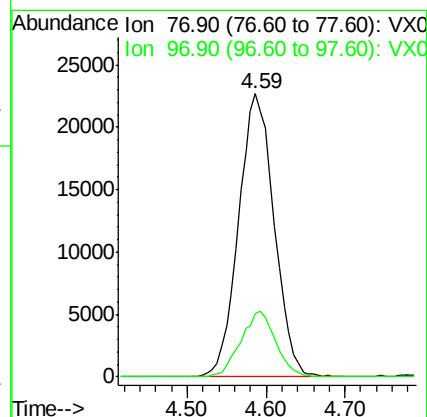
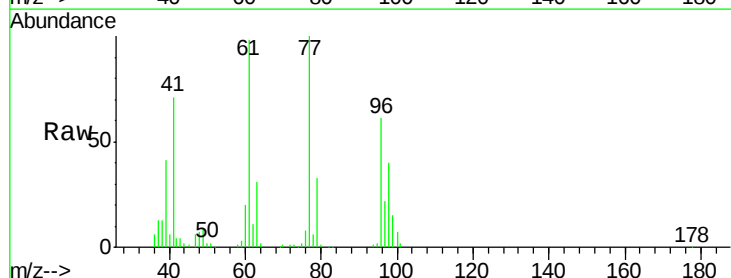
Acq: 20 Jun 2018 14:07

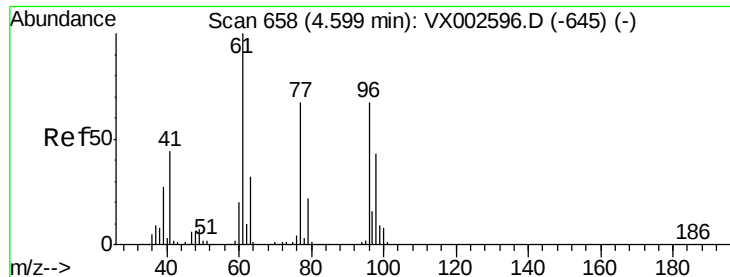
Tgt Ion: 77 Resp: 71105

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5



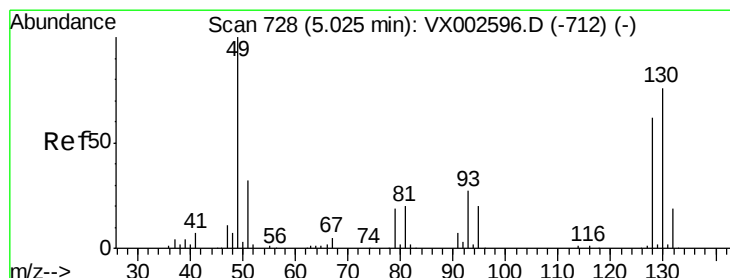
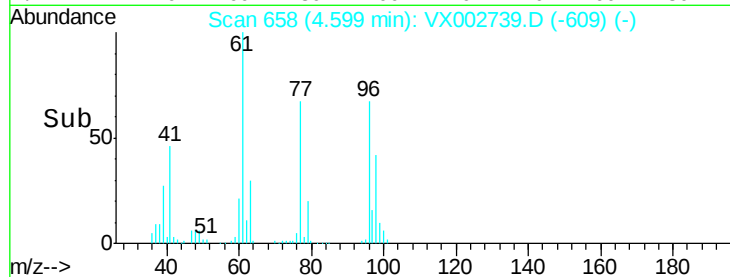
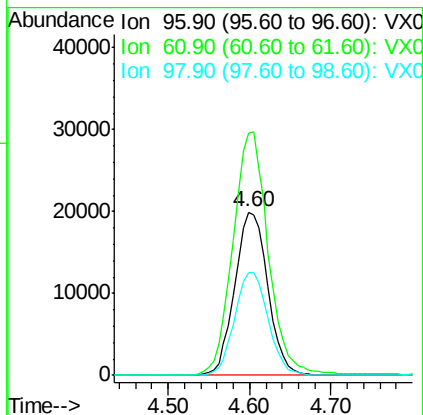
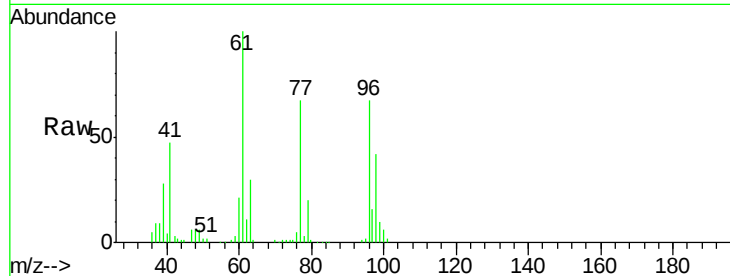


#27

cis-1,2-Dichloroethene
Concen: 19.20 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :

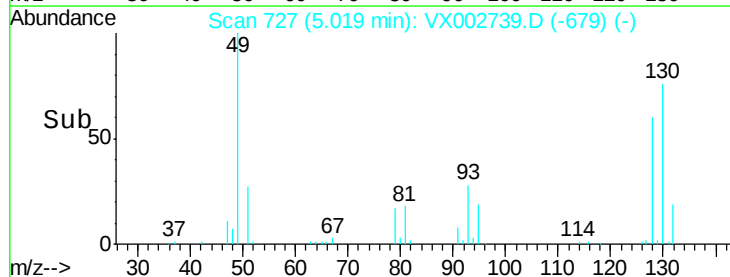
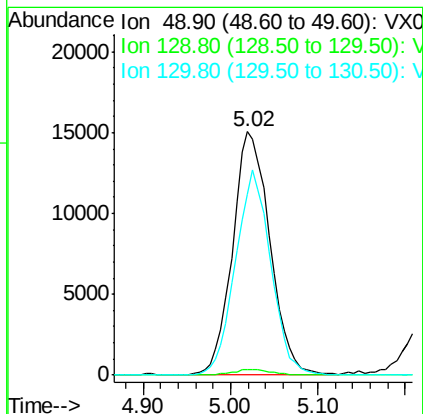
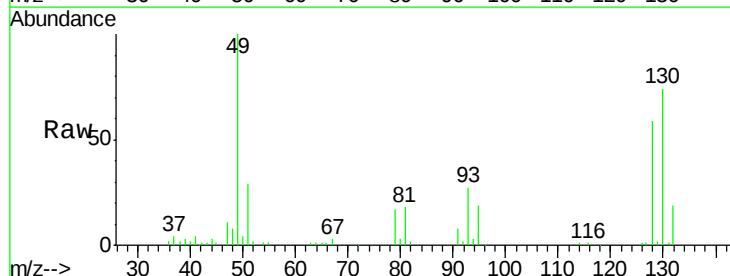
Tot Ion: 96 Resp: 55925
Ion Ratio Lower Upper
96 100
61 160.2 0.0 330.2
98 64.1 0.0 130.2

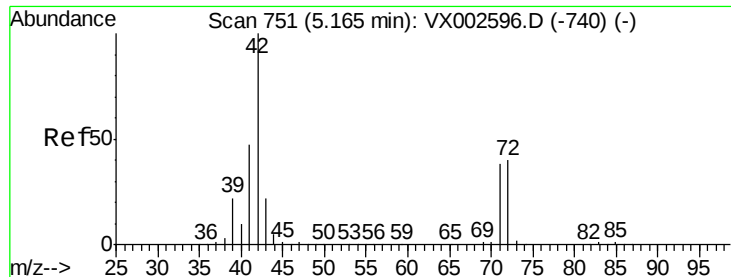


#28

Bromochloromethane
Concen: 18.61 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion: 49 Resp: 44855
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 79.4 61.2 91.8

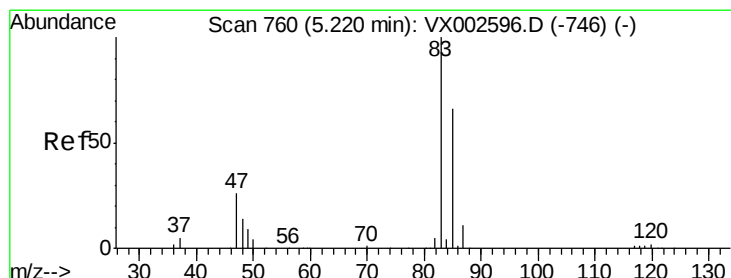
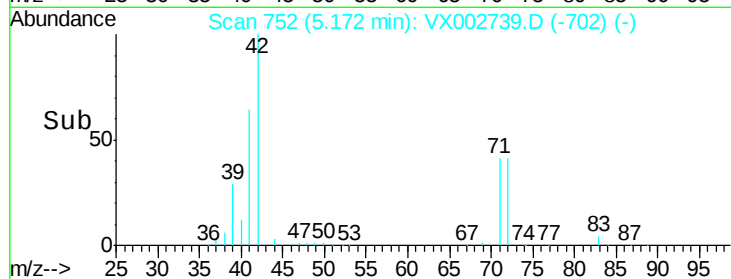
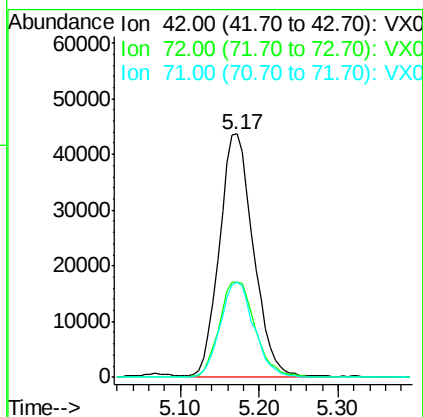
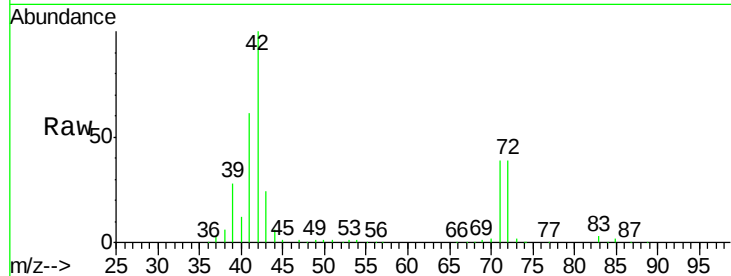




#29
Tetrahydrofuran
Concen: 95.69 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

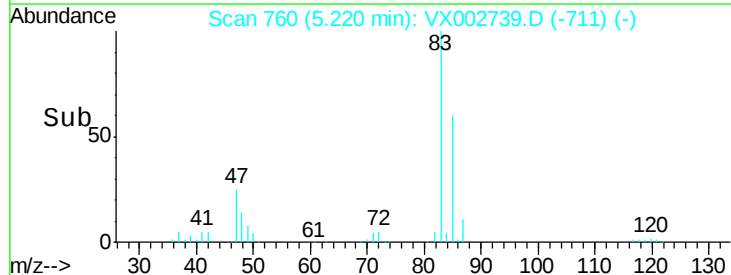
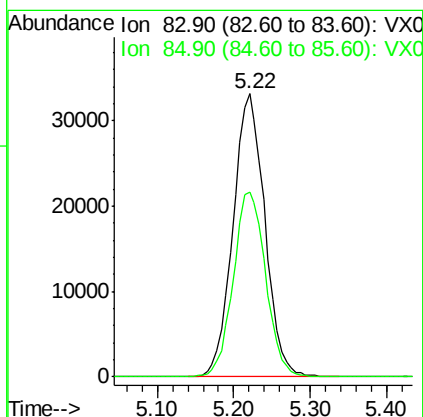
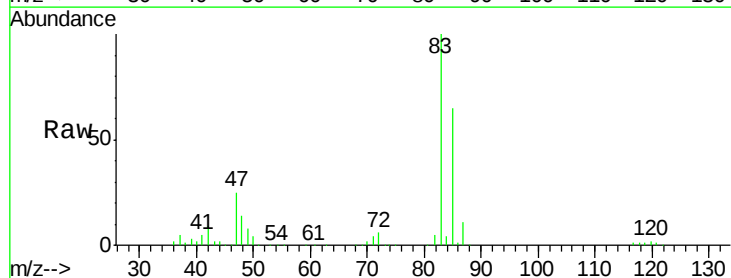
Instrument :
MSVOA_X
ClientSampled :

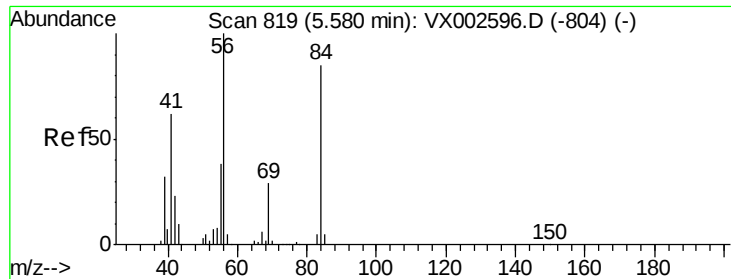
Tot Ion: 42 Resp: 130416
Ion Ratio Lower Upper
42 100
72 41.6 32.0 48.0
71 39.1 30.1 45.1



#30
Chloroform
Concen: 19.25 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion: 83 Resp: 95494
Ion Ratio Lower Upper
83 100
85 65.3 50.4 75.6





#31

Cyclohexane

Concen: 18.94 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :

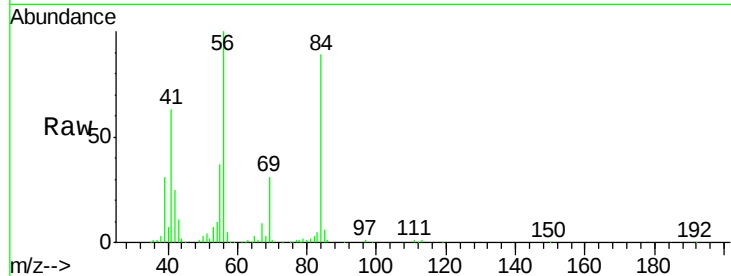
Tot Ion: 56 Resp: 80232

Ion Ratio Lower Upper

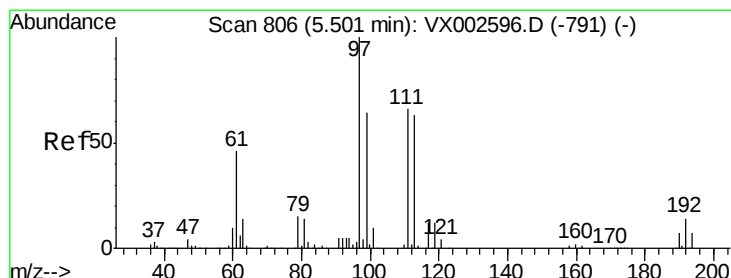
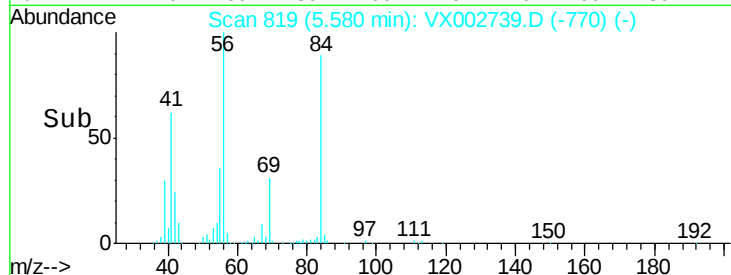
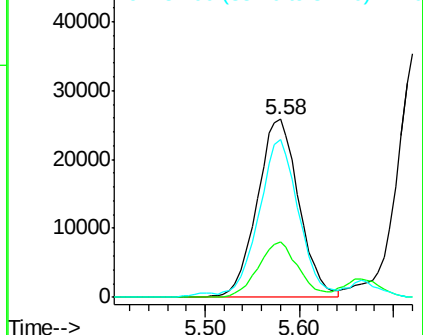
56 100

69 31.2 23.7 35.5

84 87.6 64.1 96.1



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: 19.92 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

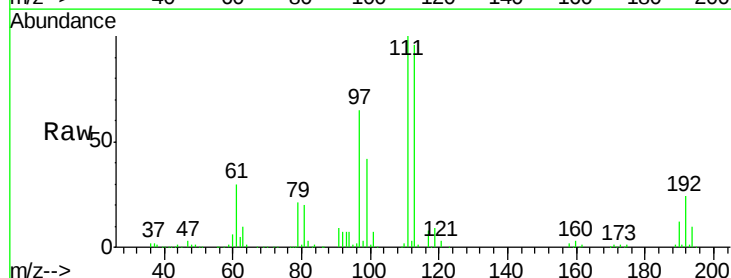
Tgt Ion: 97 Resp: 82687

Ion Ratio Lower Upper

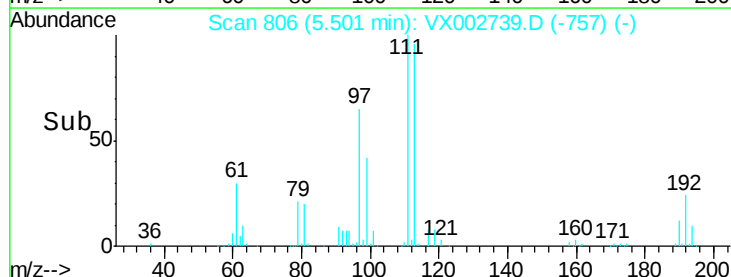
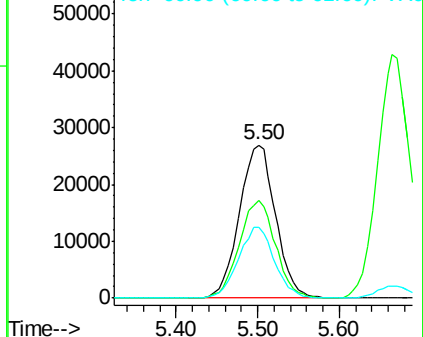
97 100

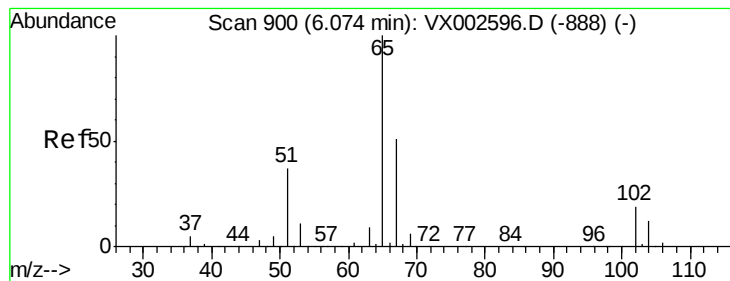
99 64.1 51.6 77.4

61 46.4 36.4 54.6



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: 42.35 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

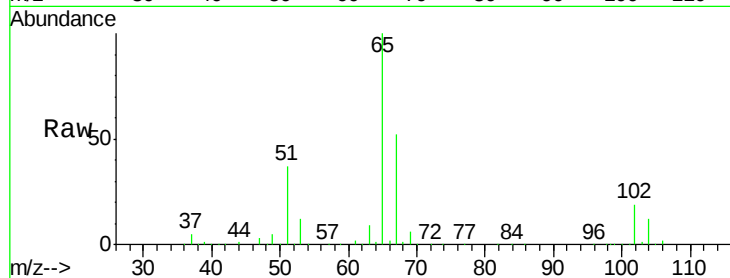
ClientSampleId :

Tot Ion: 65 Resp: 152006

Ion Ratio Lower Upper

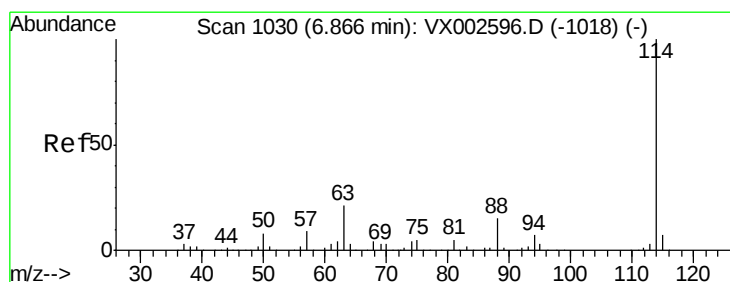
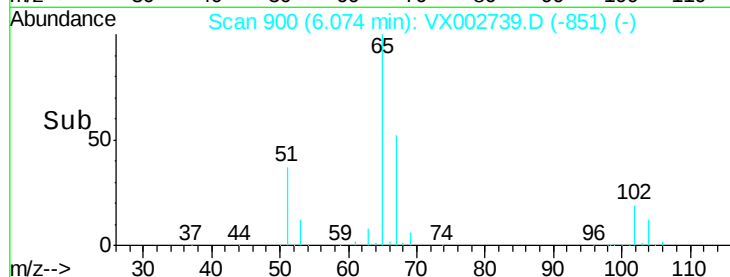
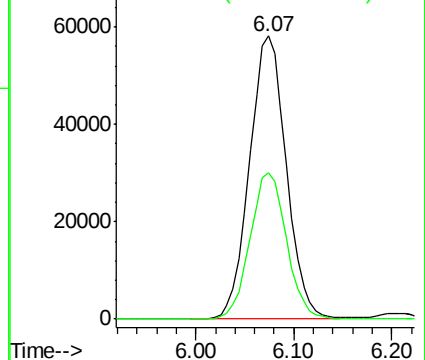
65 100

67 51.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

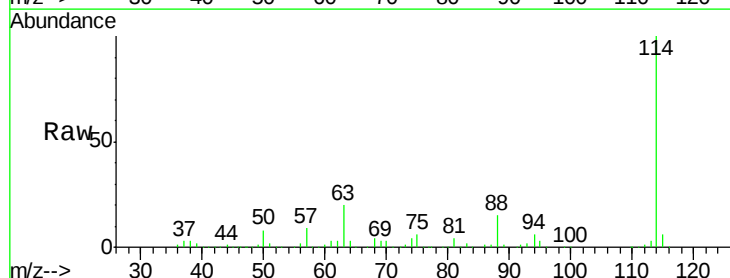
Tgt Ion: 114 Resp: 325468

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

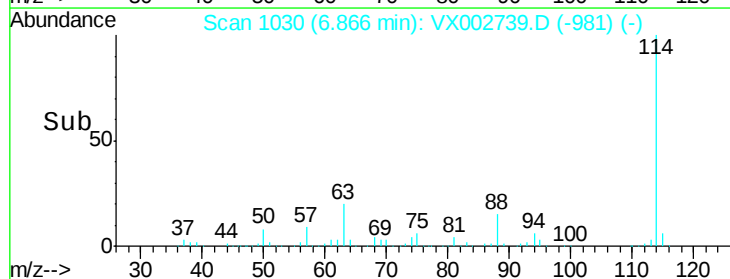
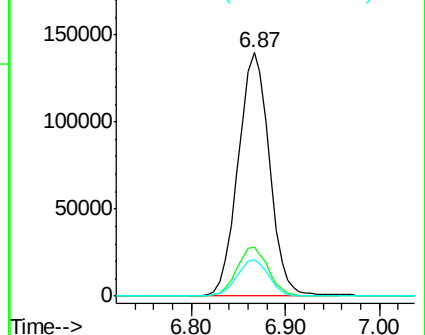
88 14.9 0.0 30.0

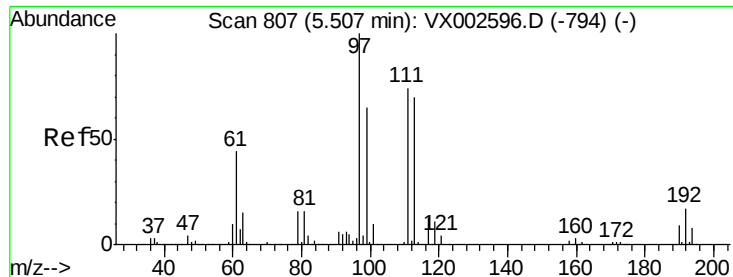


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.97 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

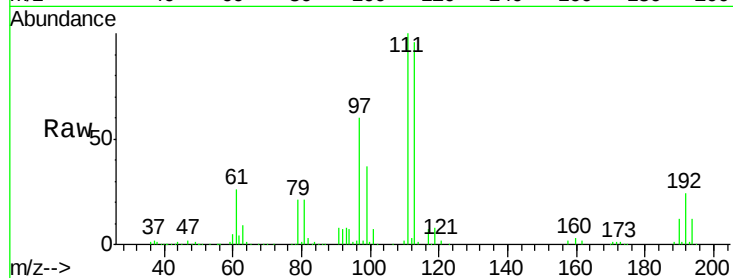
Tot Ion:113 Resp: 119397

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

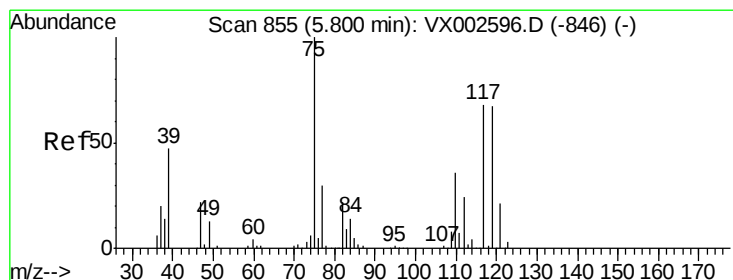
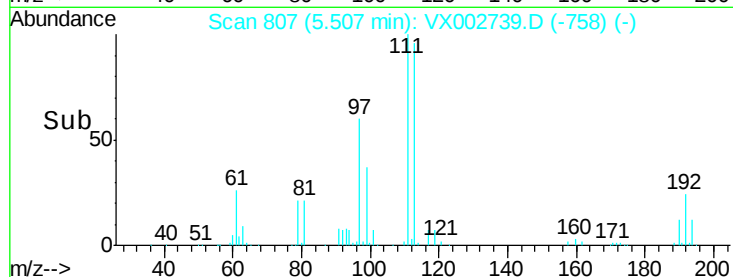
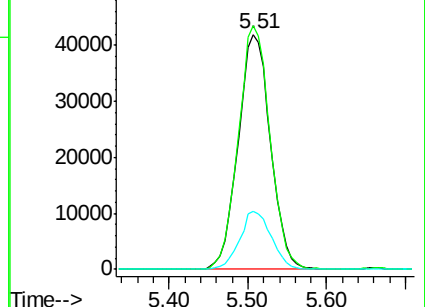
192 24.1 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.95 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

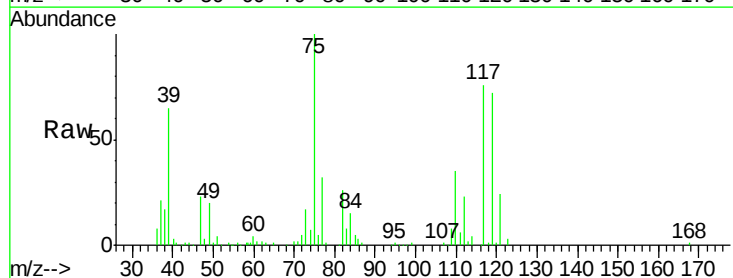
Tgt Ion: 75 Resp: 68946

Ion Ratio Lower Upper

75 100

110 37.2 18.1 54.4

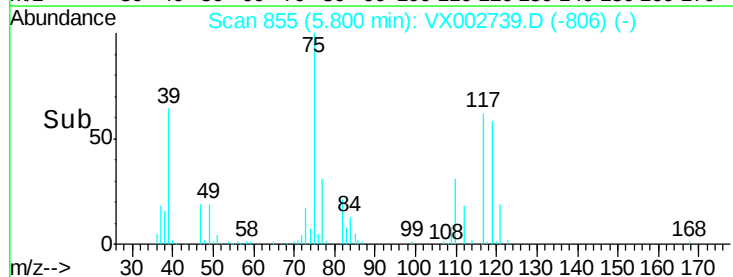
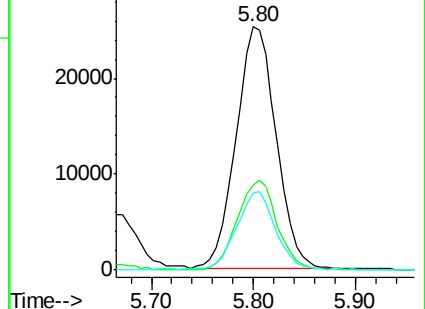
77 30.5 24.3 36.5

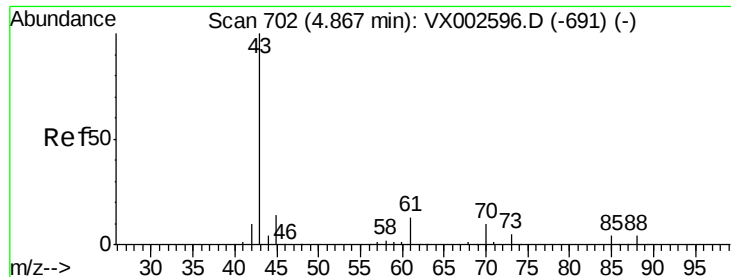


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

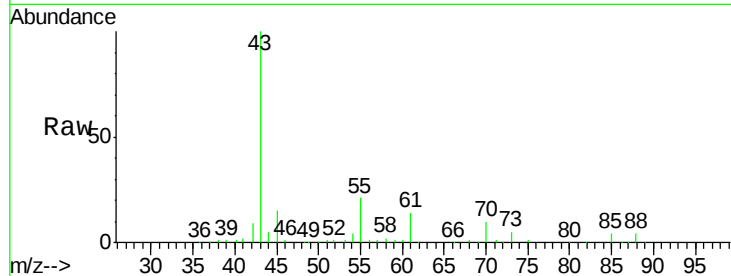




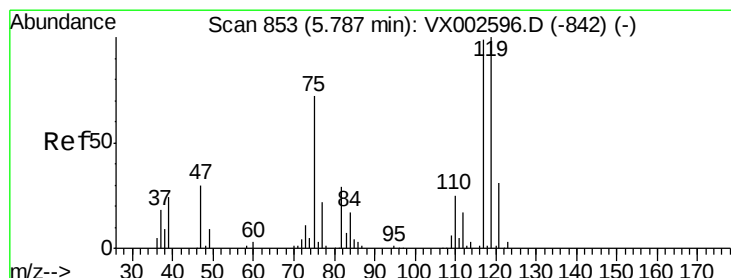
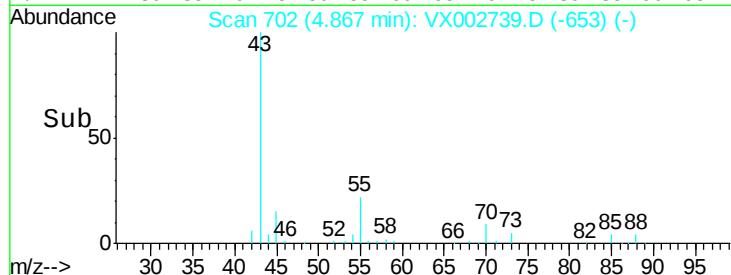
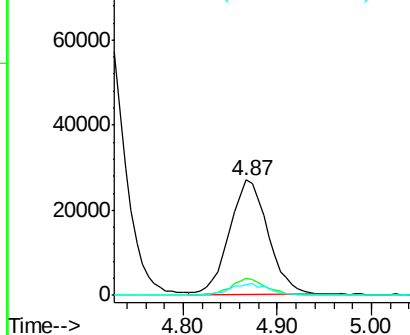
#37
Ethyl Acetate
Concen: 19.72 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 77154
Ion Ratio Lower Upper
43 100
61 13.9 10.4 15.6
70 10.4 7.6 11.4

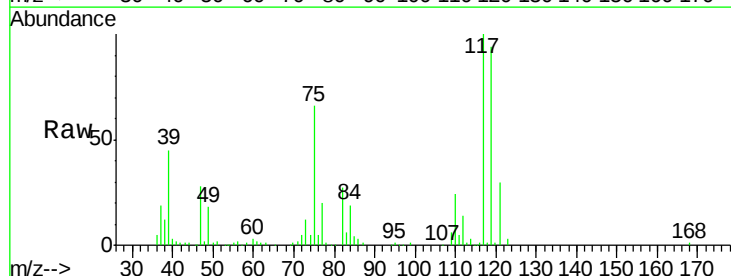


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

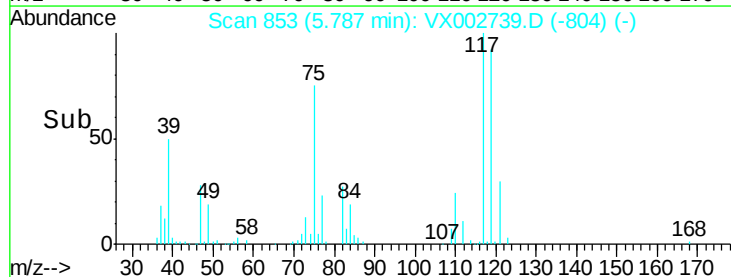
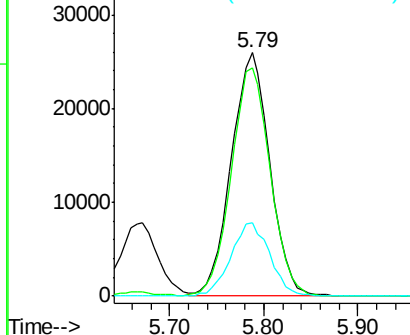


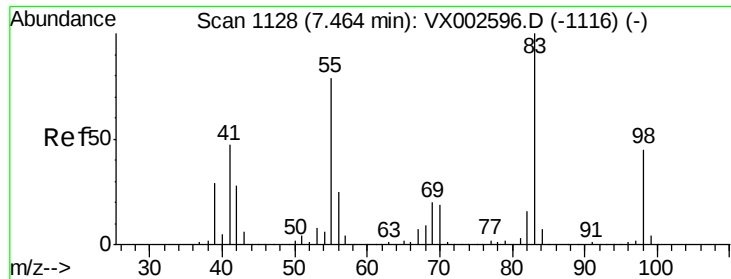
#38
Carbon Tetrachloride
Concen: 21.49 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion: 117 Resp: 73975
Ion Ratio Lower Upper
117 100
119 93.7 77.4 116.0
121 30.3 24.4 36.6



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

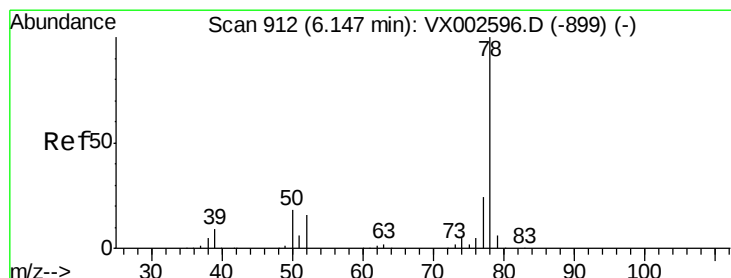
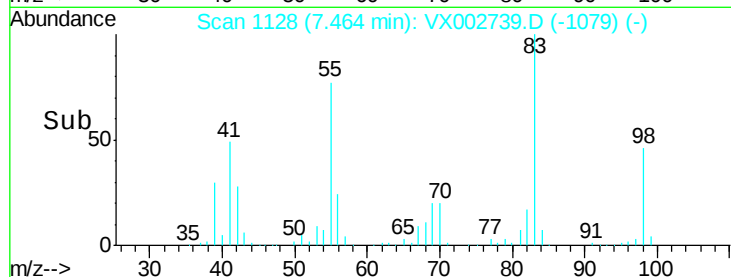
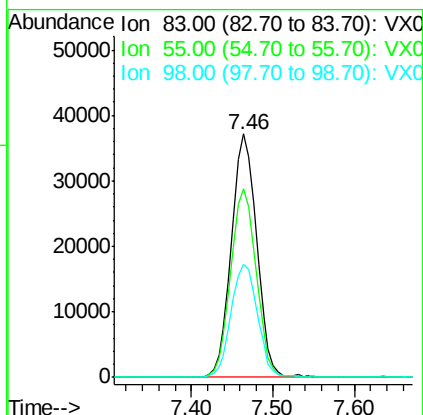
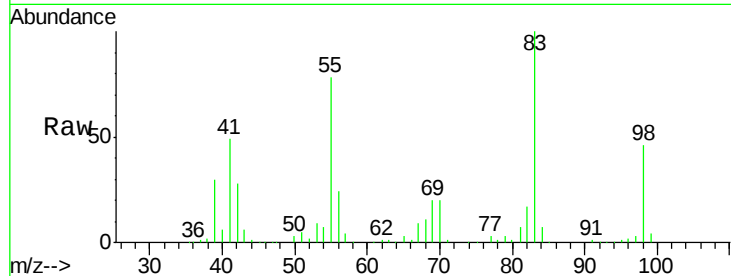




#39
Methvlcvclohexane
Concen: 19.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

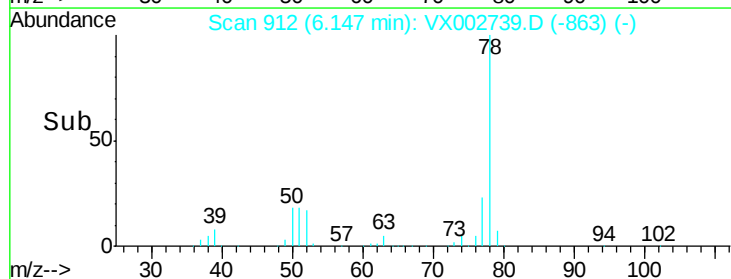
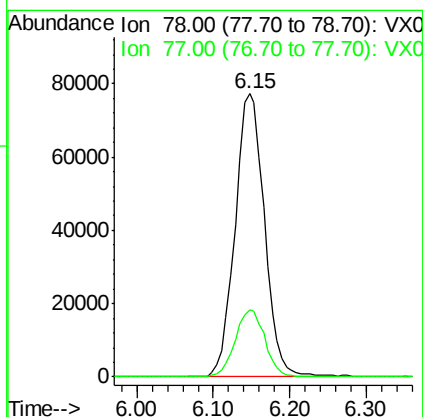
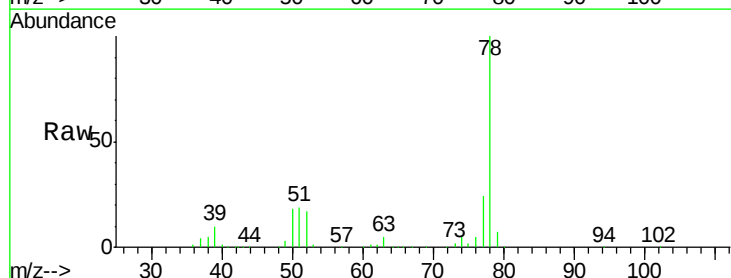
Instrument :
MSVOA_X
ClientSampled :

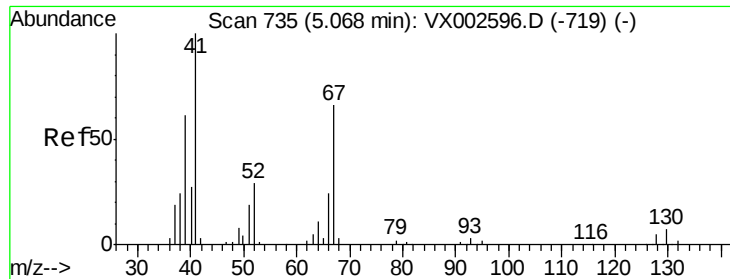
Tot Ion	83	Resp	79583
Ion	Ratio	Lower	Upper
83	100		
55	77.5	65.4	98.0
98	46.2	37.4	56.0



#40
Benzene
Concen: 19.85 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion	78	Resp	205716
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7

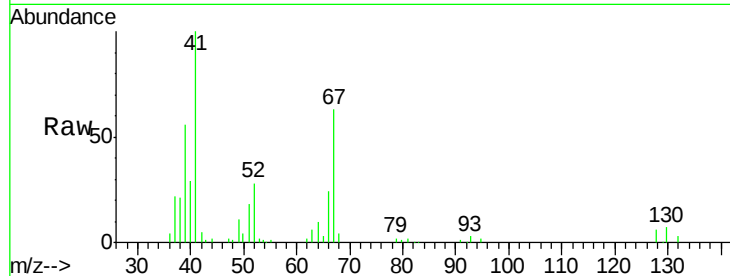




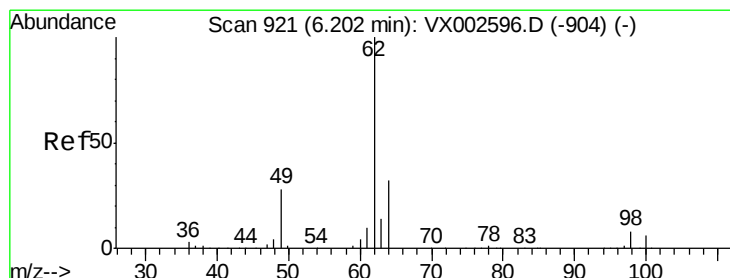
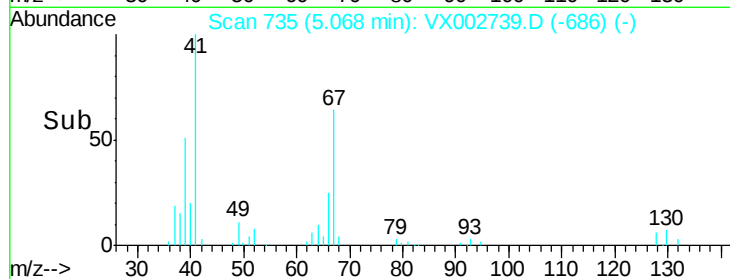
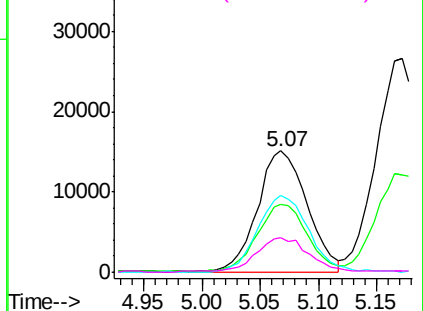
#41
Methacrylonitrile
Concen: 20.01 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	44213
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.8	68.6
67	65.8	51.3	76.9
52	31.0	23.0	34.6

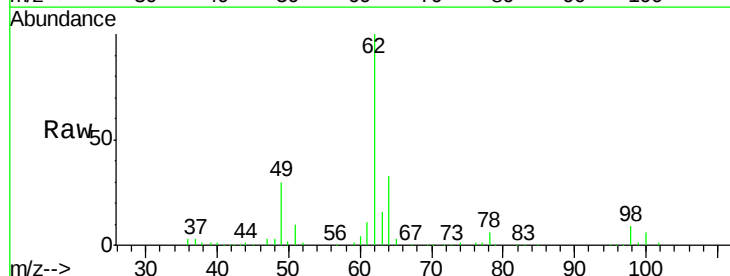


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

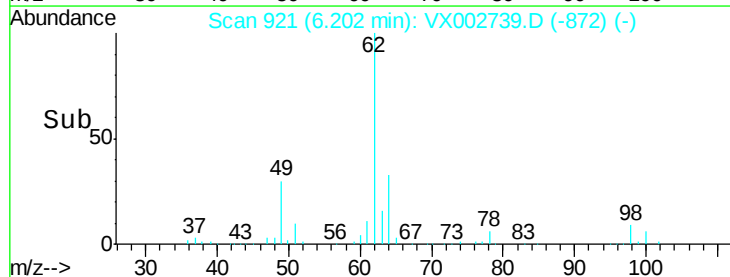
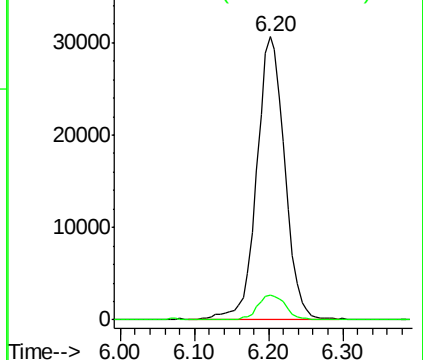


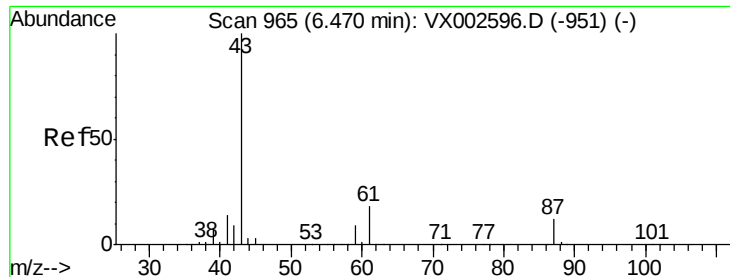
#42
1,2-Dichloroethane
Concen: 20.15 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion:	62	Resp:	80848
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 19.23 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

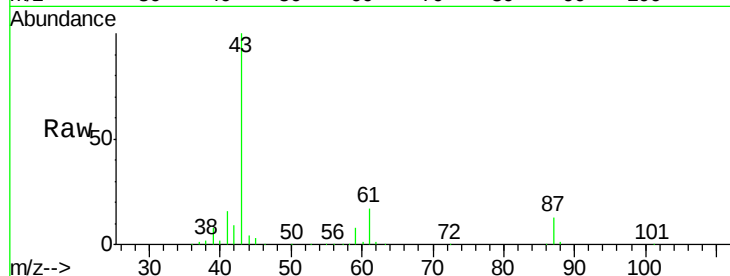
Tot Ion: 43 Resp: 124652

Ion Ratio Lower Upper

43 100

61 17.8 14.4 21.6

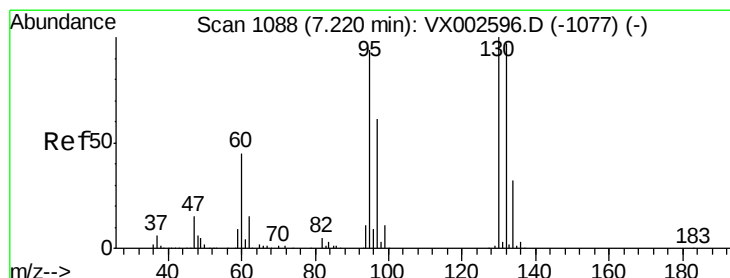
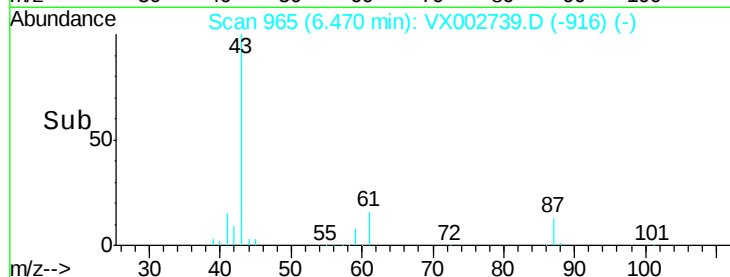
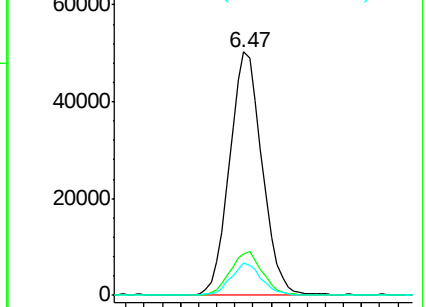
87 12.6 9.5 14.3



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: 19.97 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX002739.D

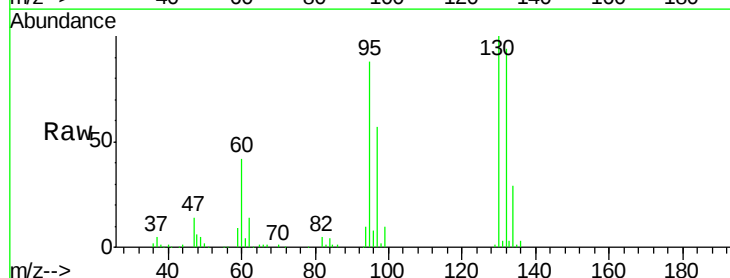
Acq: 20 Jun 2018 14:07

Tgt Ion:130 Resp: 59753

Ion Ratio Lower Upper

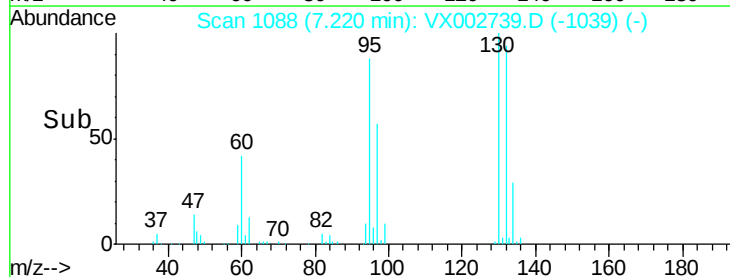
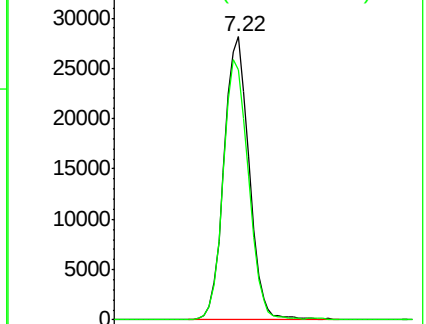
130 100

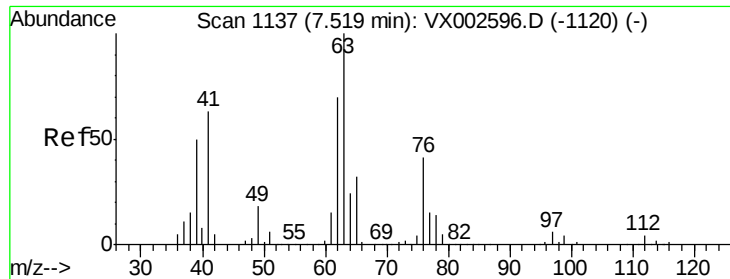
95 88.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.86 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

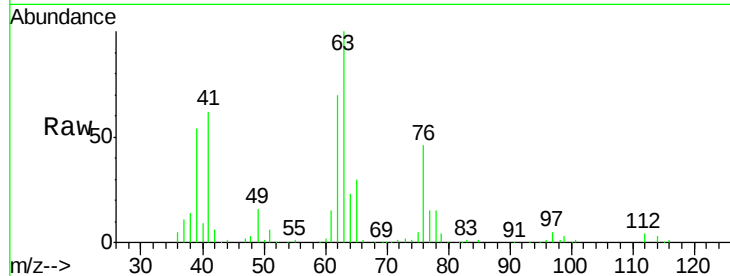
ClientSampleId :

Tot Ion: 63 Resp: 54169

Ion Ratio Lower Upper

63 100

65 29.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

25000

20000

15000

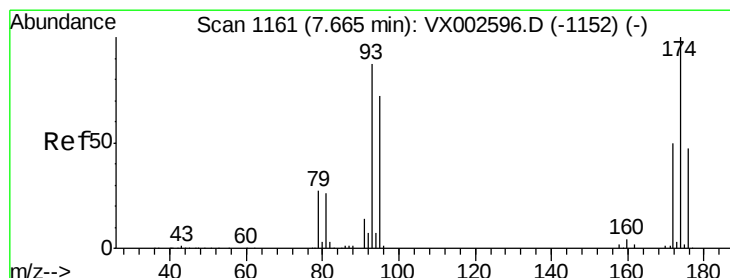
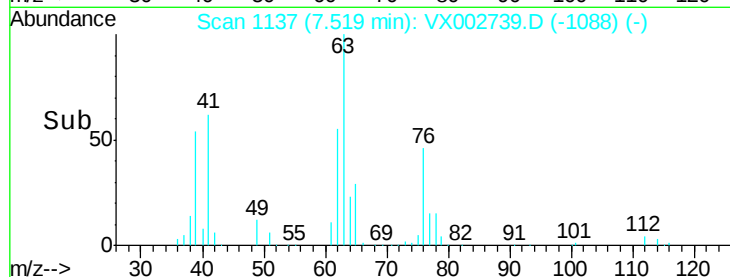
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 20.54 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

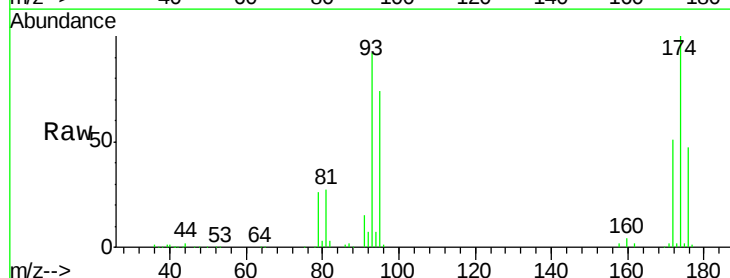
Tgt Ion: 93 Resp: 37475

Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

174 116.9 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.67

25000

20000

15000

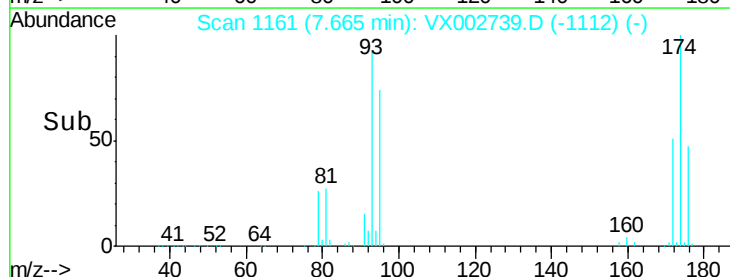
10000

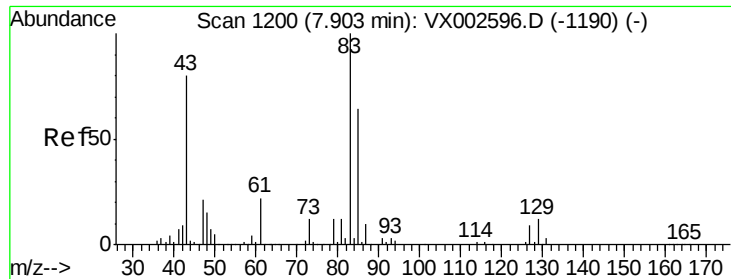
5000

0

7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 20.91 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampled :

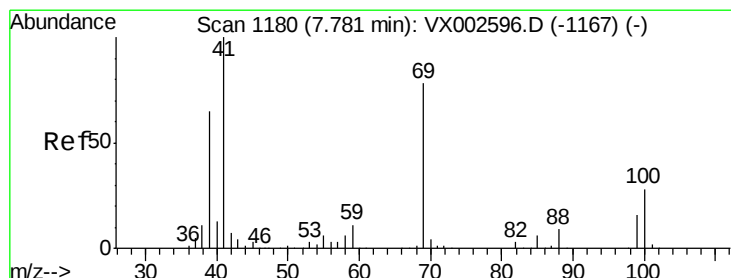
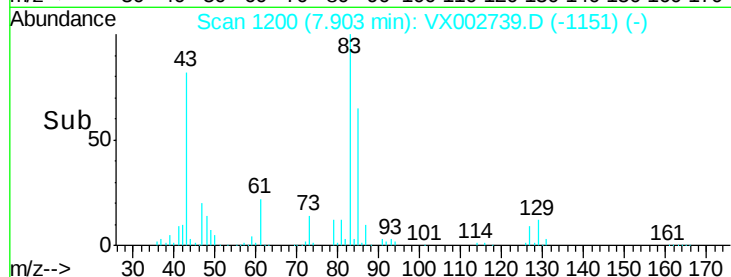
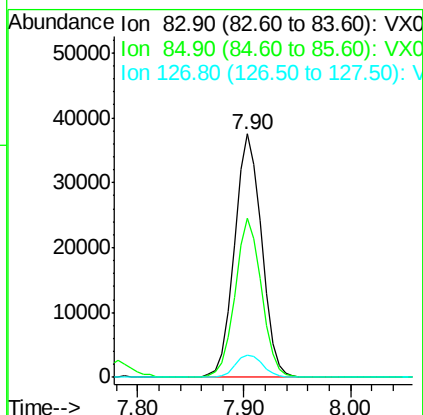
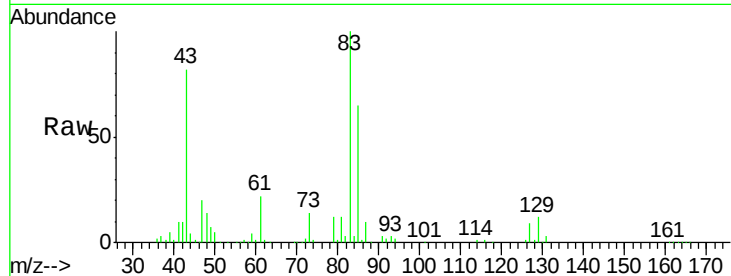
Tot Ion: 83 Resp: 67296

Ion Ratio Lower Upper

83 100

85 65.5 50.3 75.5

127 8.9 7.0 10.4



#48

Methyl methacrylate

Concen: 19.55 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

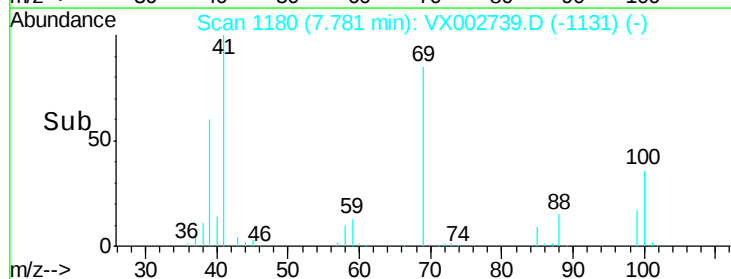
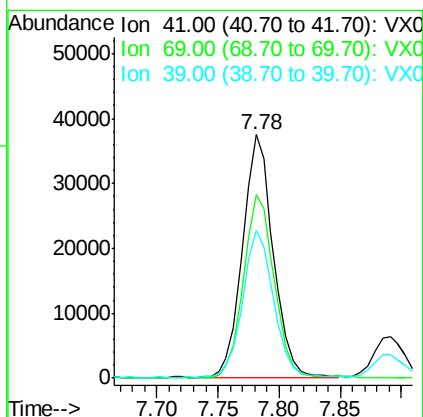
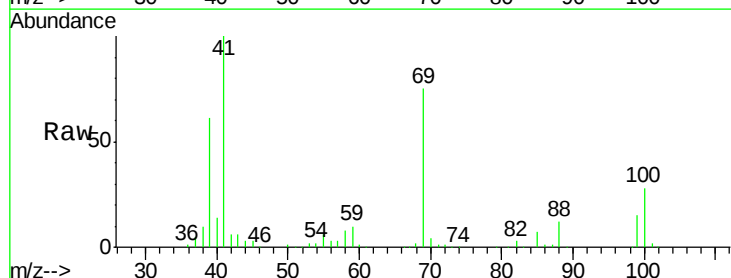
Tgt Ion: 41 Resp: 64757

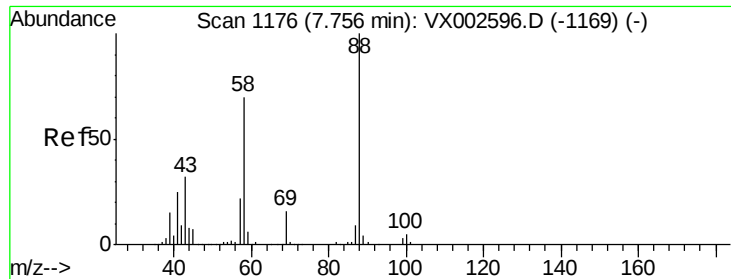
Ion Ratio Lower Upper

41 100

69 76.7 59.1 88.7

39 61.5 48.9 73.3

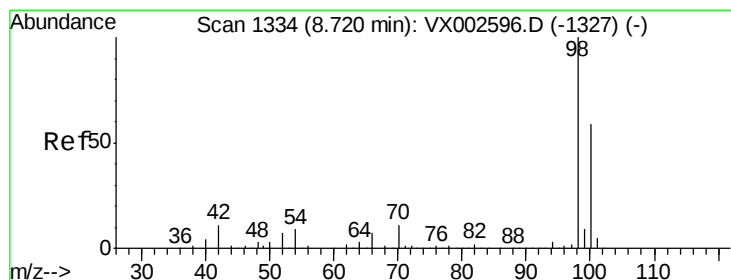
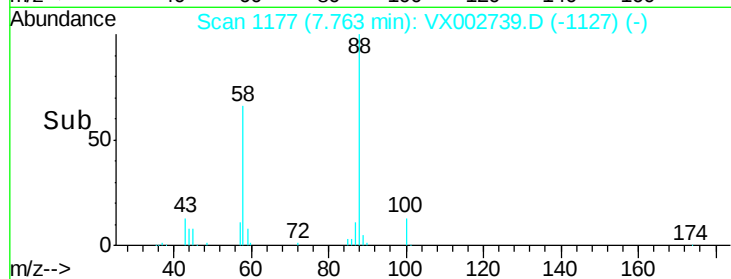
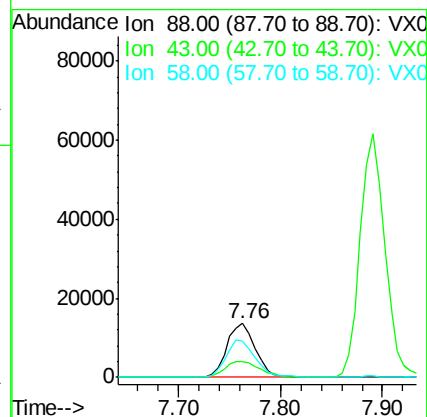
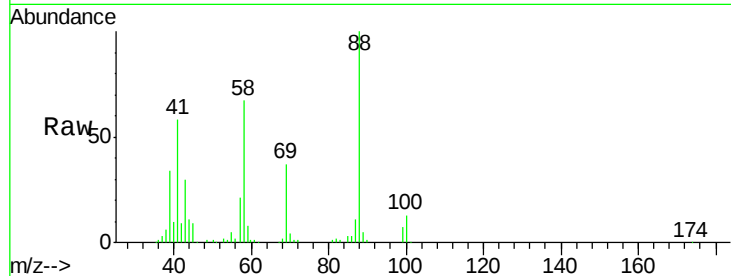




#49
1,4-Dioxane
Concen: 424.27 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

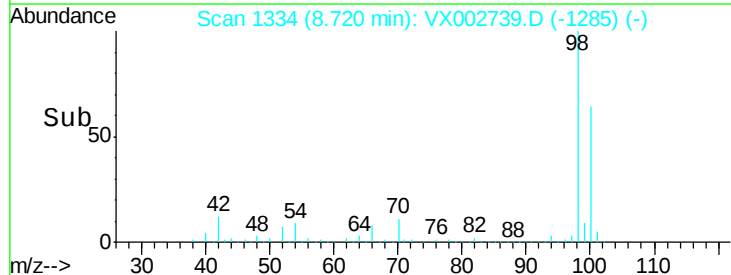
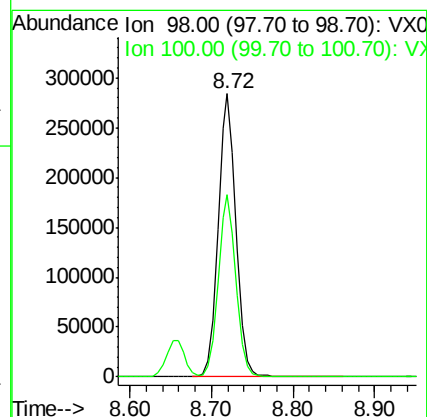
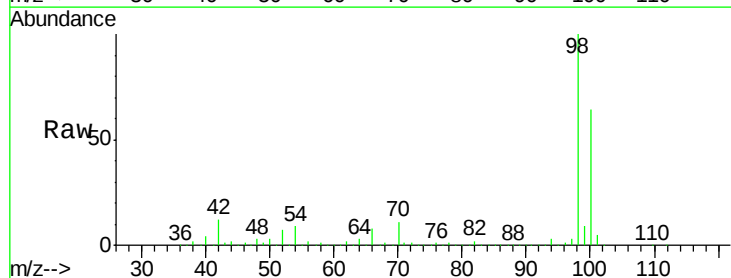
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 26615
Ion Ratio Lower Upper
88 100
43 34.5 29.8 44.6
58 70.8 57.1 85.7



#50
Toluene-d8
Concen: 44.23 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion: 98 Resp: 436197
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 100.20 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

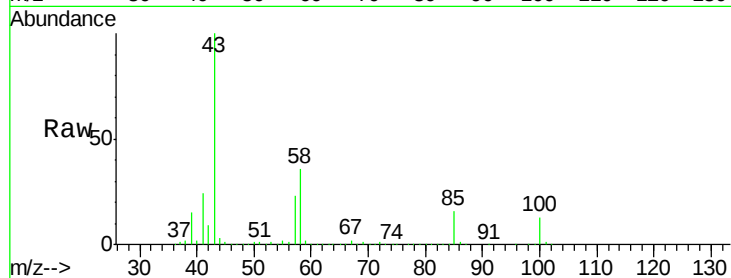
ClientSampleId :

Tot Ion: 43 Resp: 417039

Ion Ratio Lower Upper

43 100

58 36.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

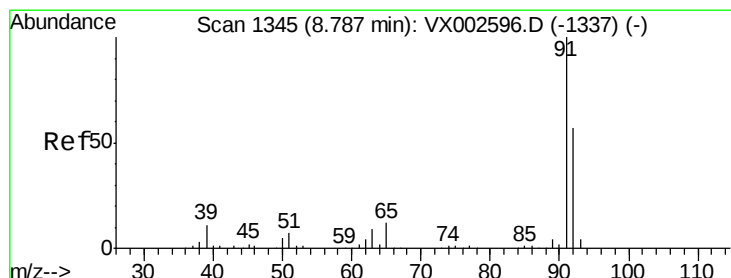
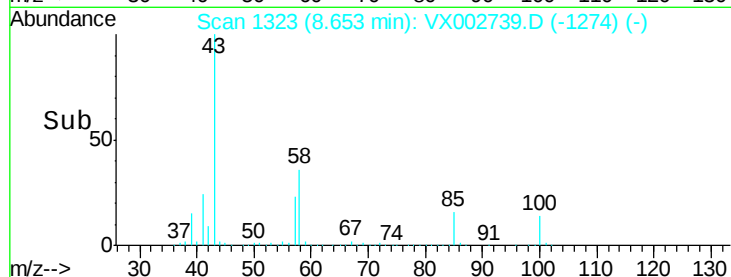
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.04 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002739.D

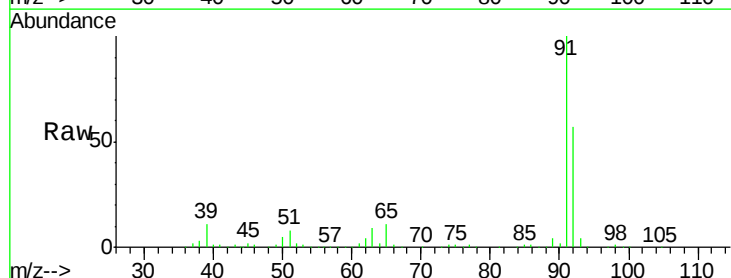
Acq: 20 Jun 2018 14:07

Tgt Ion: 92 Resp: 132519

Ion Ratio Lower Upper

92 100

91 175.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

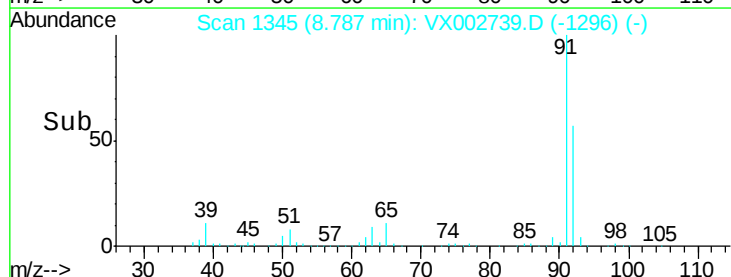
150000

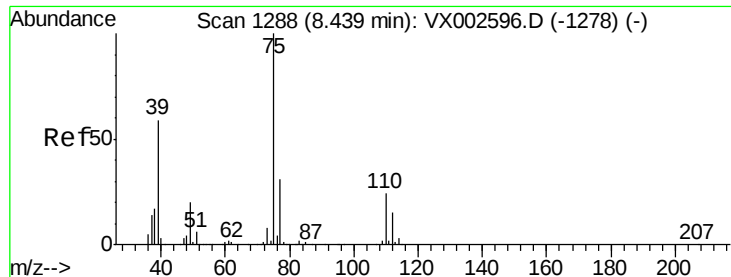
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.93 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

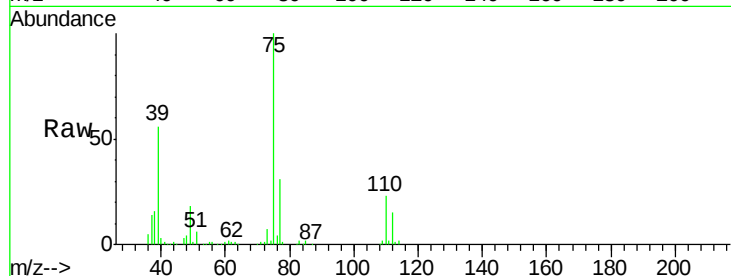
ClientSampled :

Tot Ion: 75 Resp: 78463

Ion Ratio Lower Upper

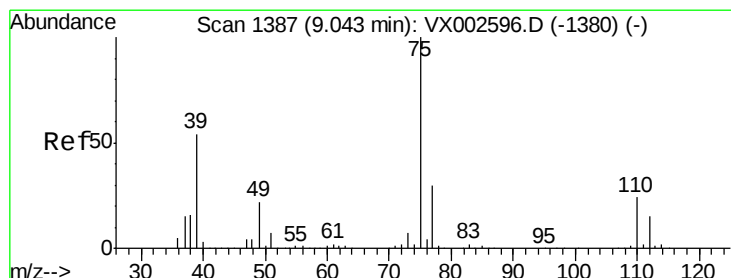
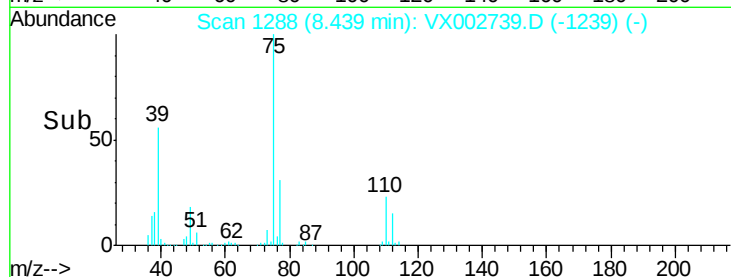
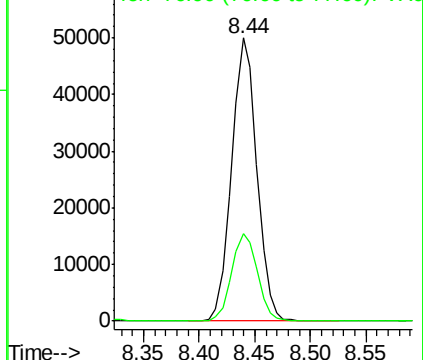
75 100

77 31.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.40 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

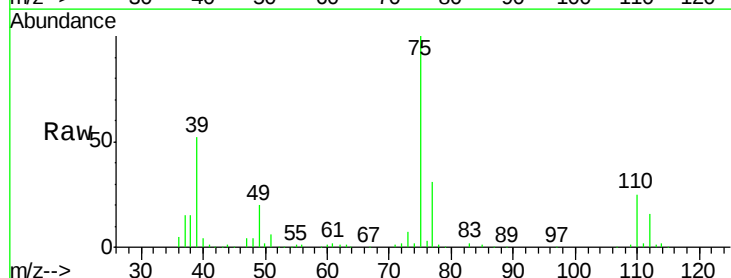
Tgt Ion: 75 Resp: 70287

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

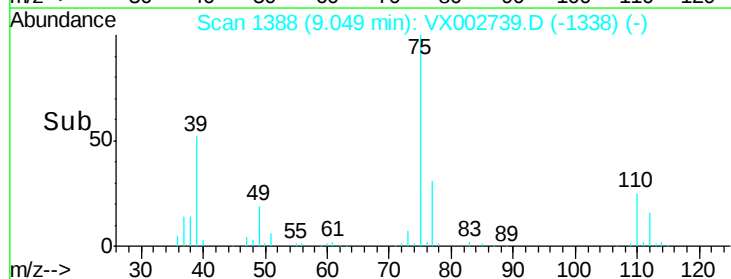
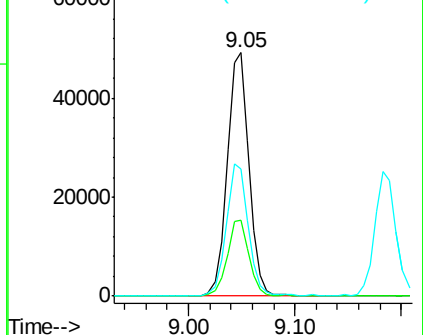
39 51.8 42.4 63.6

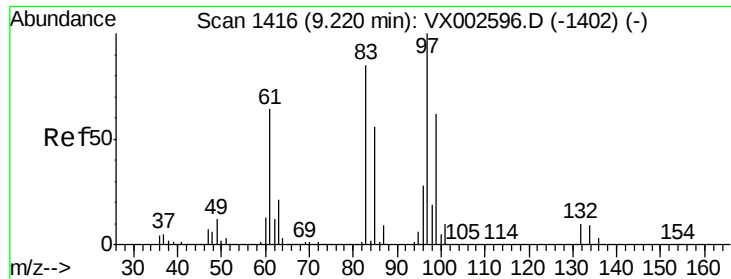


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

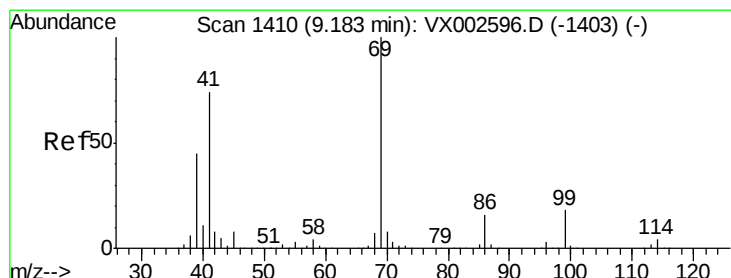
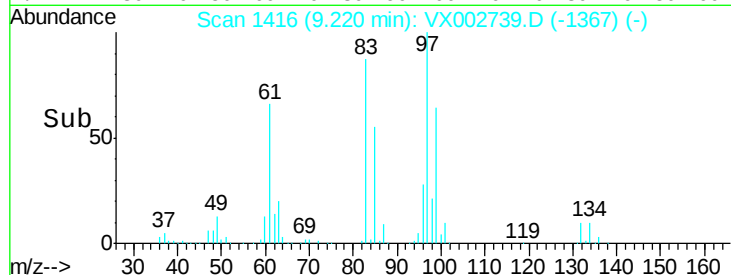
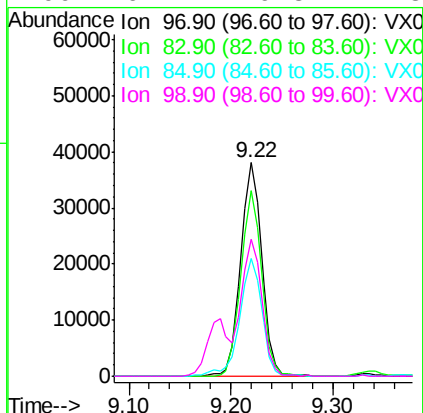
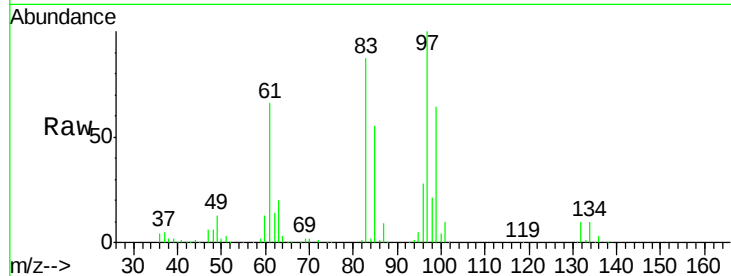




#55
 1,1,2-Trichloroethane
 Concen: 20.42 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

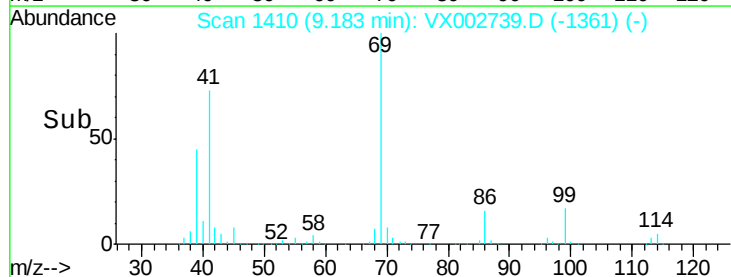
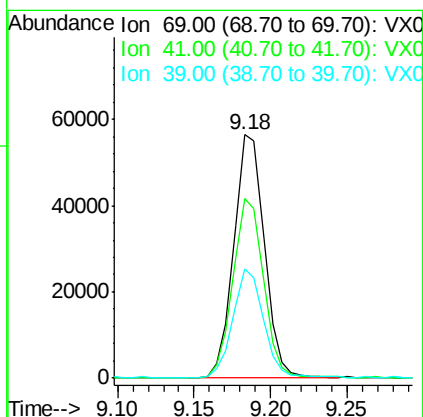
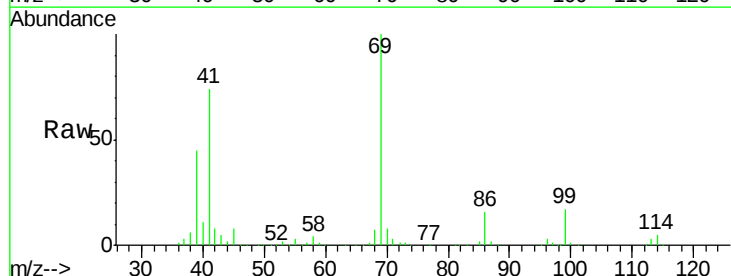
Instrument :
 MSVOA_X
 ClientSampled :

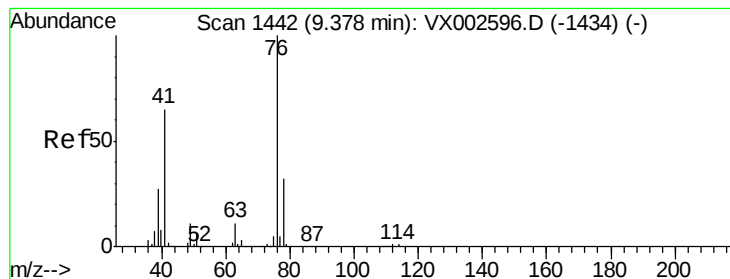
Tot Ion: 97 Resp: 54567
 Ion Ratio Lower Upper
 97 100
 83 87.1 70.2 105.2
 85 55.1 44.9 67.3
 99 64.4 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 19.12 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Tgt Ion: 69 Resp: 78604
 Ion Ratio Lower Upper
 69 100
 41 73.7 60.3 90.5
 39 44.2 35.8 53.8





#57

1,3-Dichloropropane

Concen: 19.87 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

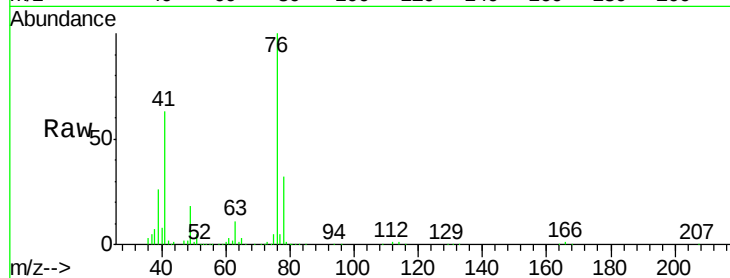
ClientSampleId :

Tot Ion: 76 Resp: 89786

Ion Ratio Lower Upper

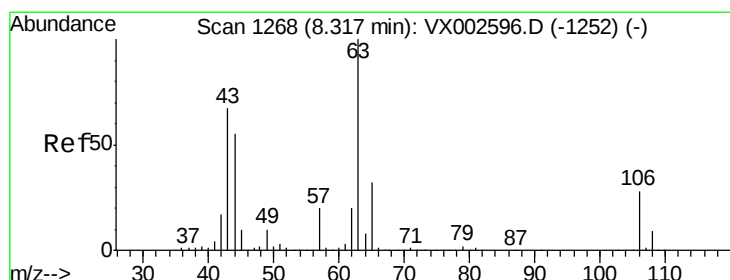
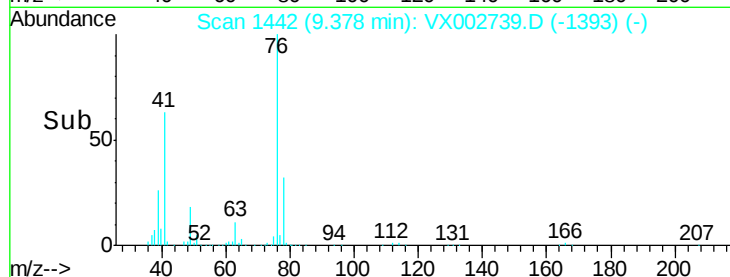
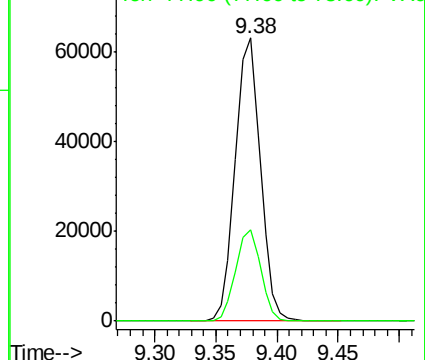
76 100

78 32.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 89.28 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002739.D

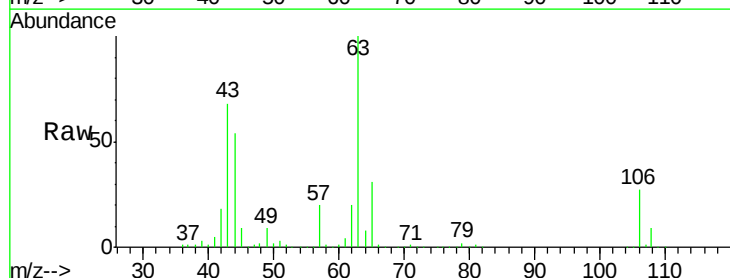
Acq: 20 Jun 2018 14:07

Tgt Ion: 63 Resp: 177541

Ion Ratio Lower Upper

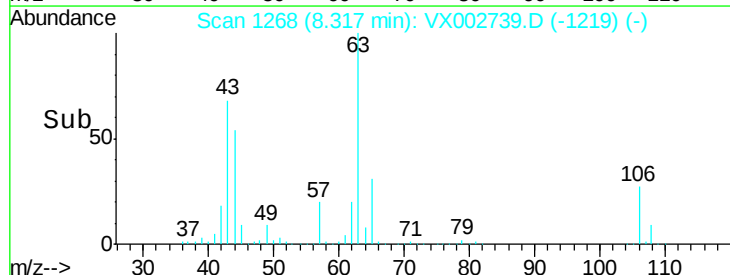
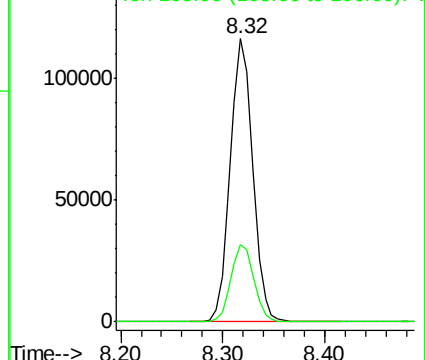
63 100

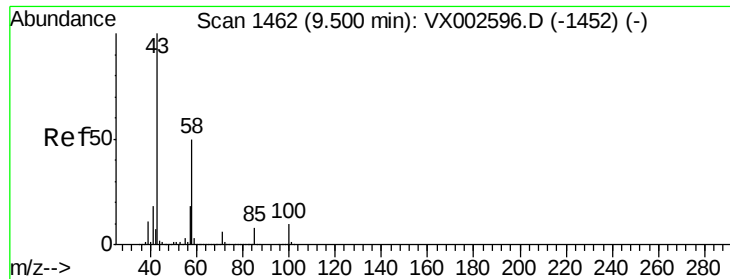
106 27.8 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

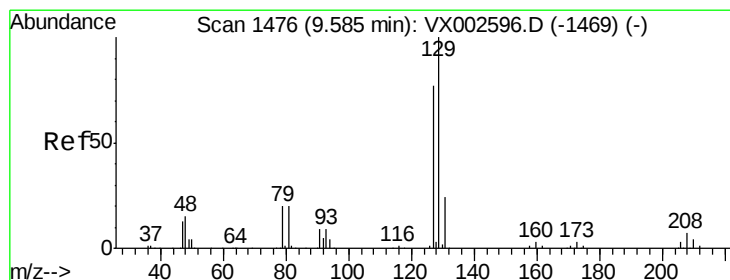
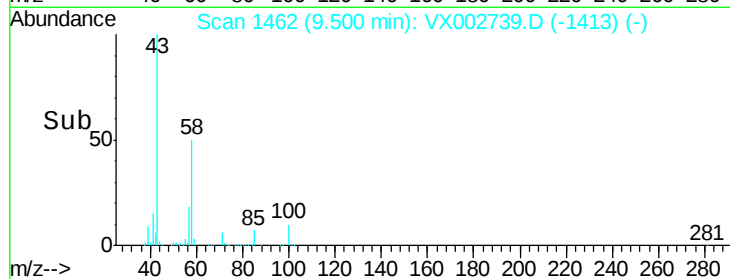
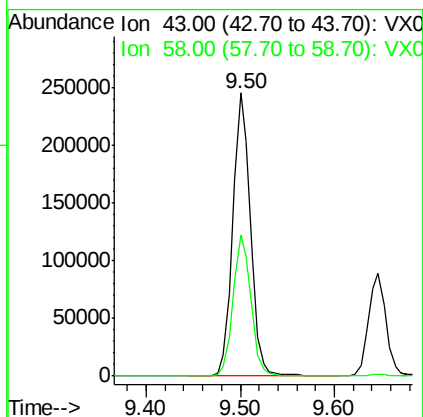
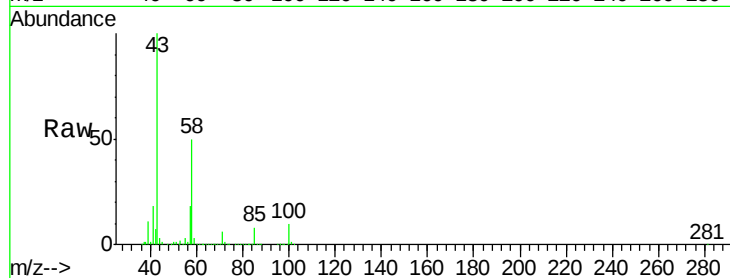




#59
2-Hexanone
Concen: 101.94 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

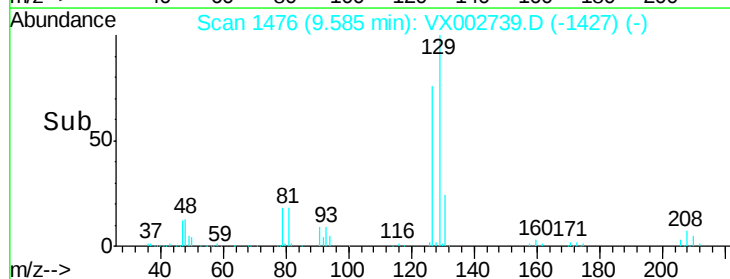
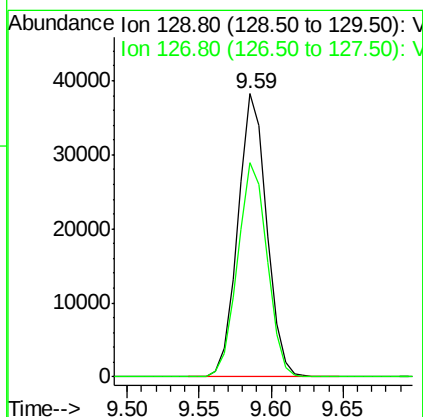
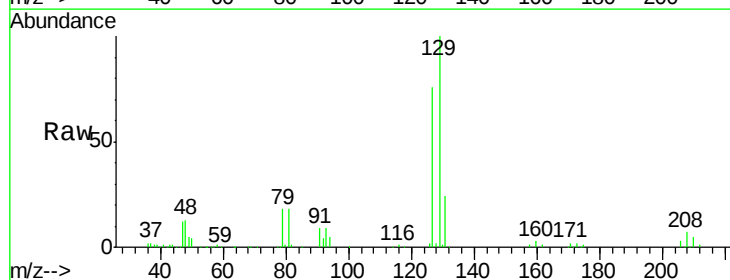
Instrument :
MSVOA_X
ClientSampled :

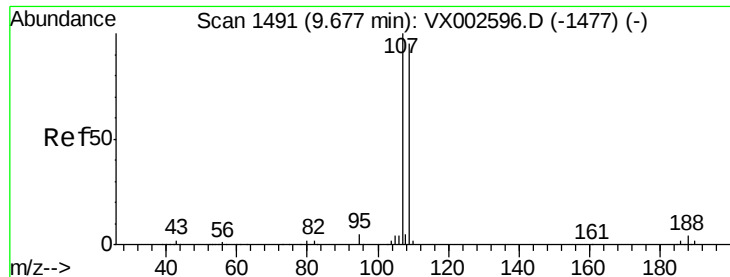
Tot Ion: 43 Resp: 319702
Ion Ratio Lower Upper
43 100
58 50.5 24.6 73.6



#60
Dibromochloromethane
Concen: 20.13 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion: 129 Resp: 53189
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.72 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

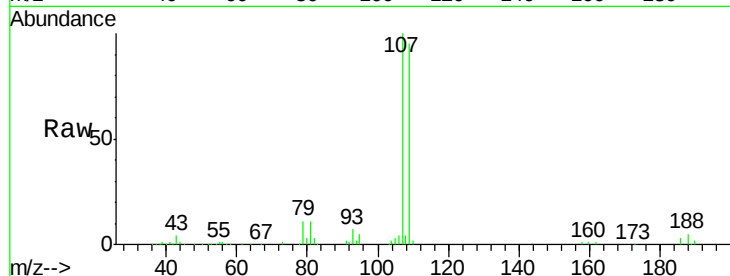
ClientSampleId :

Tot Ion:107 Resp: 57341

Ion Ratio Lower Upper

107 100

109 94.8 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

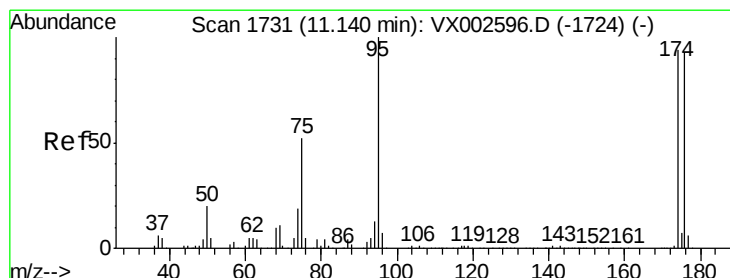
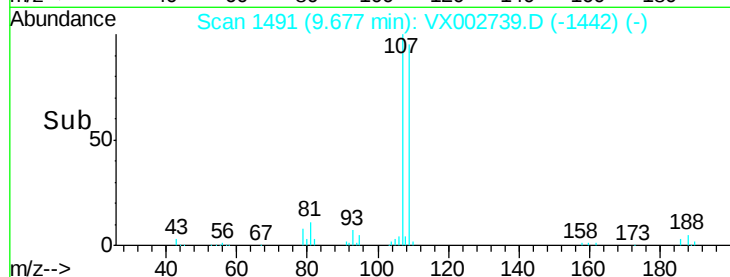
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

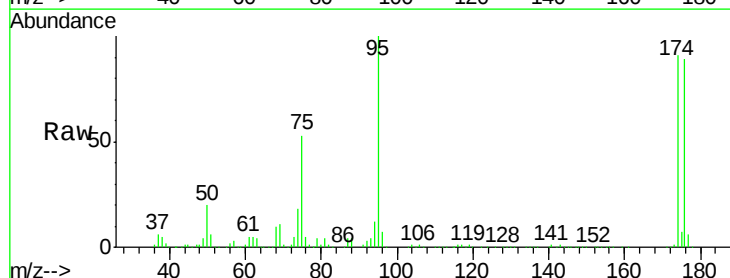
Tgt Ion: 95 Resp: 163891

Ion Ratio Lower Upper

95 100

174 97.1 0.0 187.4

176 94.4 0.0 181.0



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

11.14

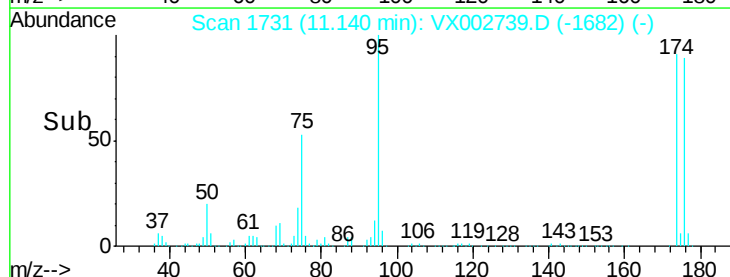
150000

100000

50000

0

Time-->

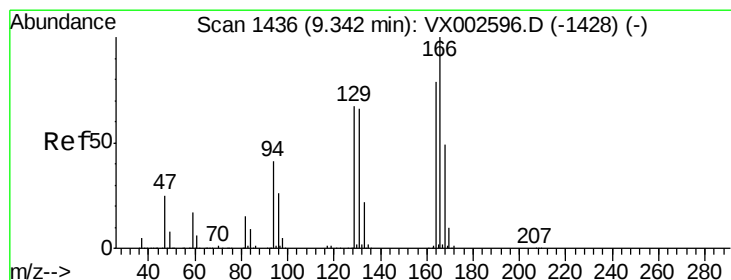
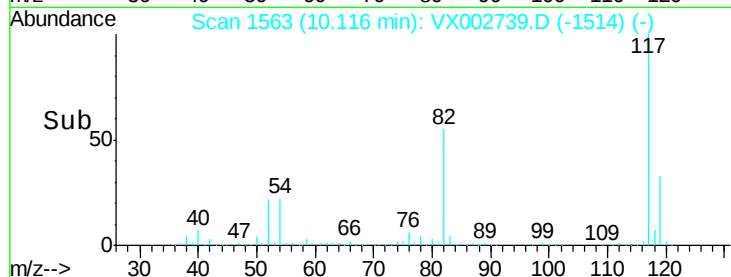
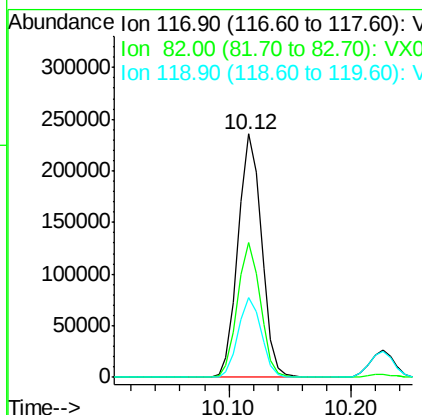
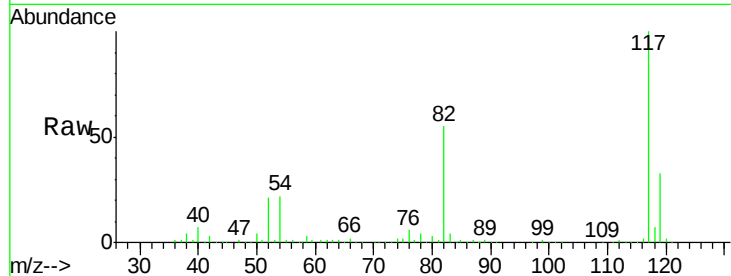




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

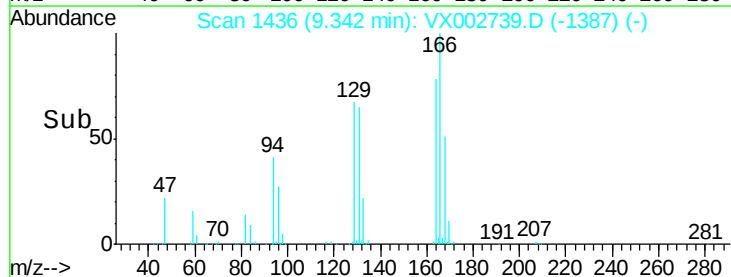
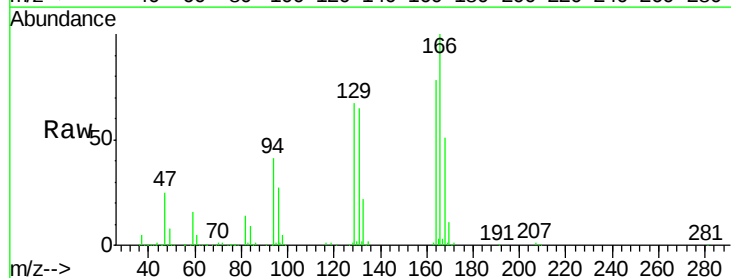
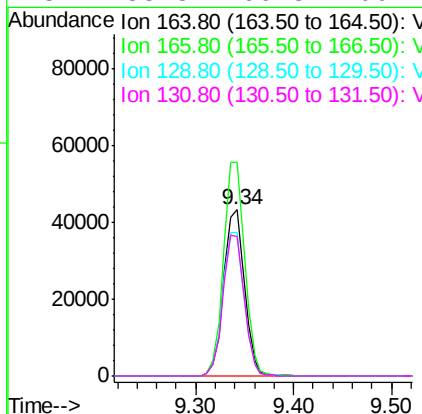
Instrument :
MSVOA_X
ClientSampleId :

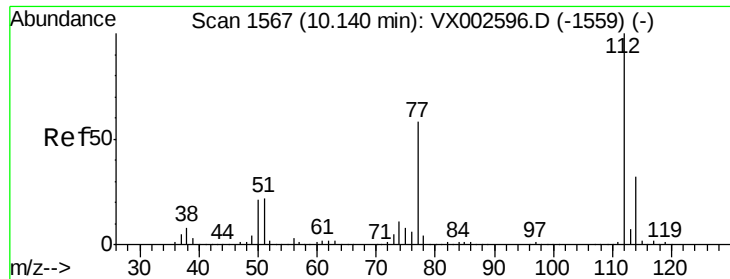
Tot Ion:117 Resp: 314035
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.8 25.8 38.6



#64
Tetrachloroethene
Concen: 18.45 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion:164 Resp: 64311
Ion Ratio Lower Upper
164 100
166 128.4 102.9 154.3
129 86.2 68.6 102.8
131 83.8 66.8 100.2





#65

Chlorobenzene

Concen: 19.85 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

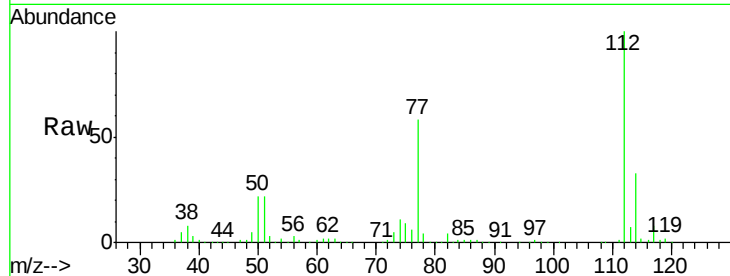
ClientSampleId :

Tot Ion:112 Resp: 153064

Ion Ratio Lower Upper

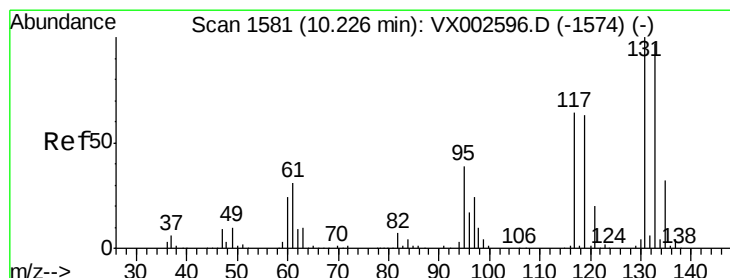
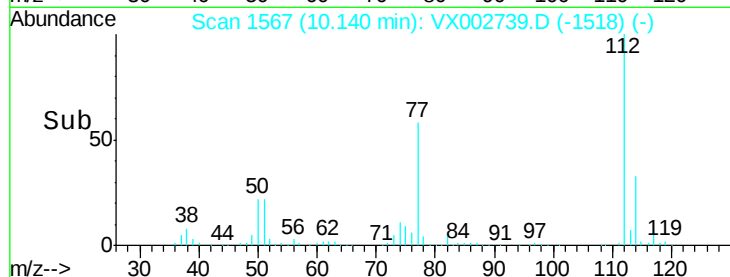
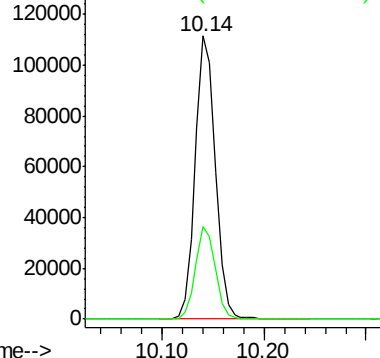
112 100

114 32.9 25.3 37.9



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: 20.80 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

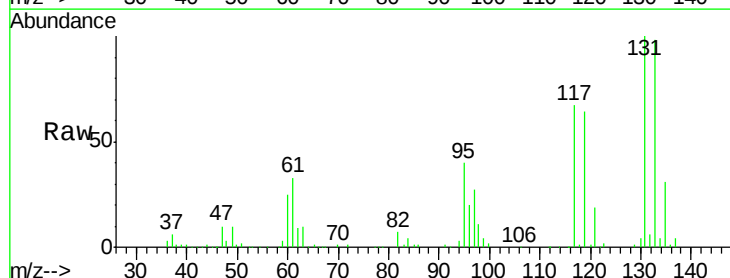
Tgt Ion:131 Resp: 54688

Ion Ratio Lower Upper

131 100

133 97.0 47.9 143.6

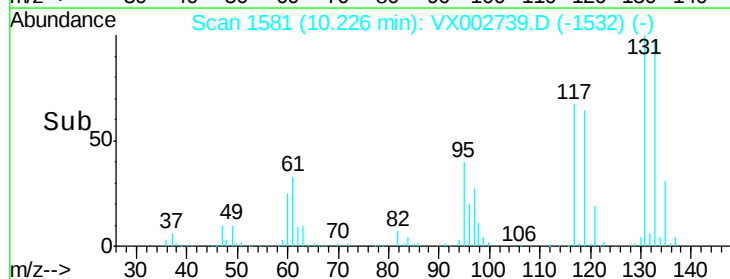
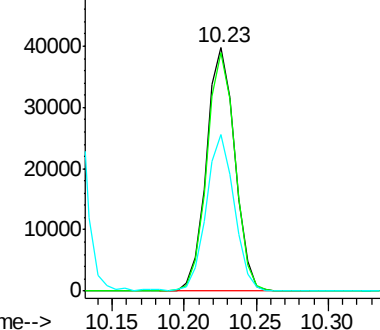
119 63.5 31.8 95.3

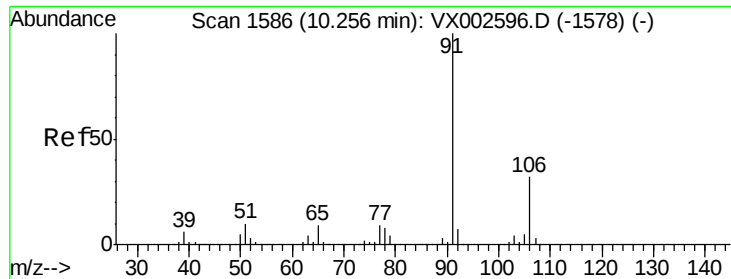


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

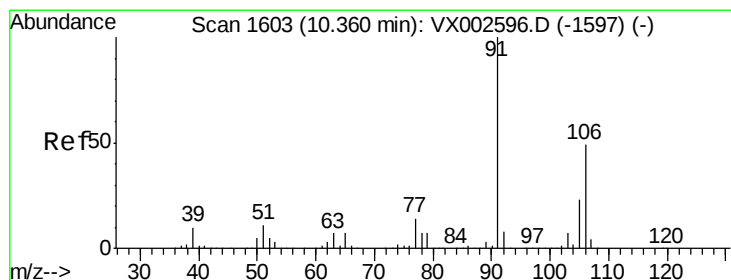
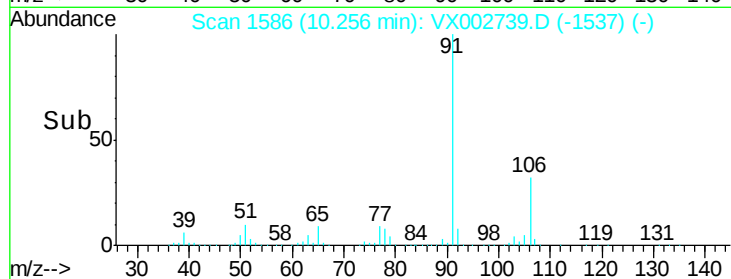
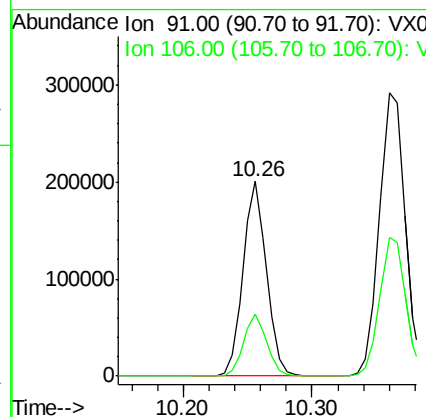
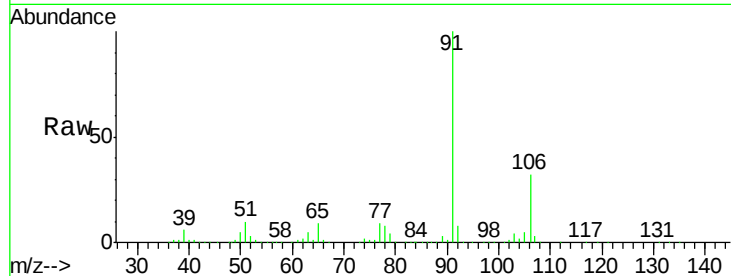




#67
Ethyl Benzene
Concen: 19.46 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

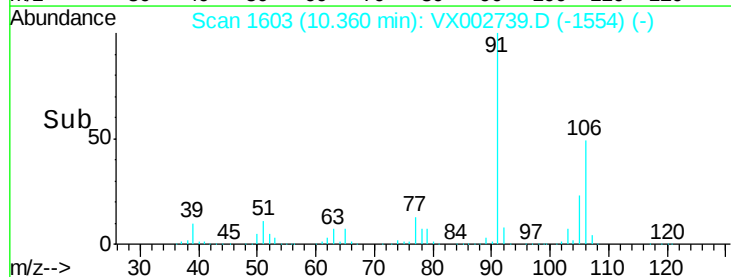
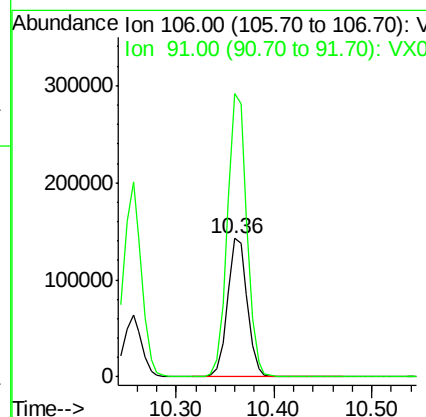
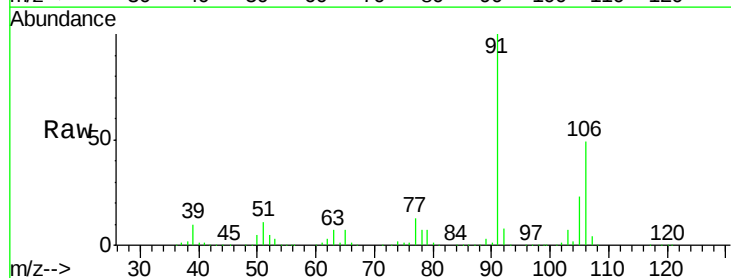
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 253190
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 39.64 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion: 106 Resp: 198910
Ion Ratio Lower Upper
106 100
91 202.9 163.4 245.2

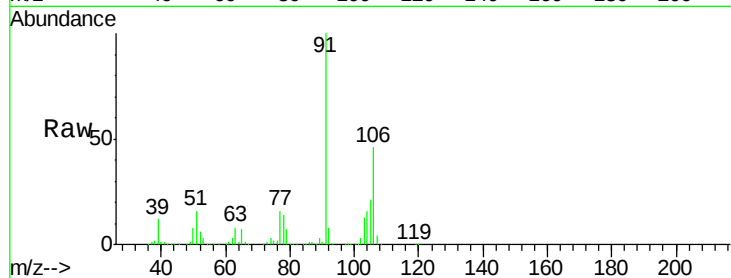




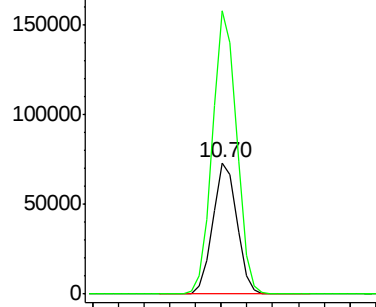
#69
o-Xylene
Concen: 19.26 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :

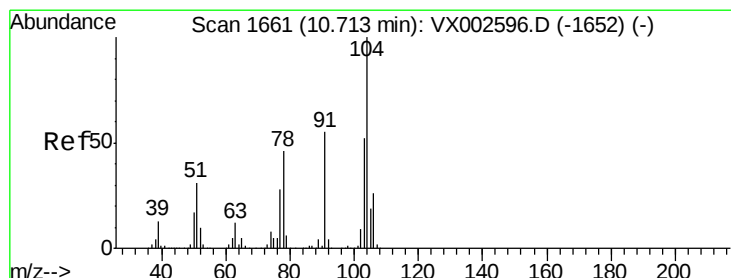
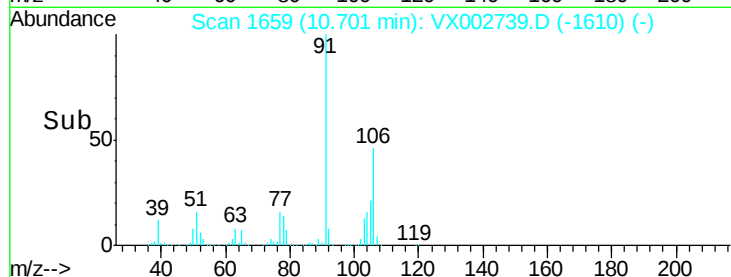
Tot Ion:106 Resp: 94949
Ion Ratio Lower Upper
106 100
91 215.8 108.2 324.6



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

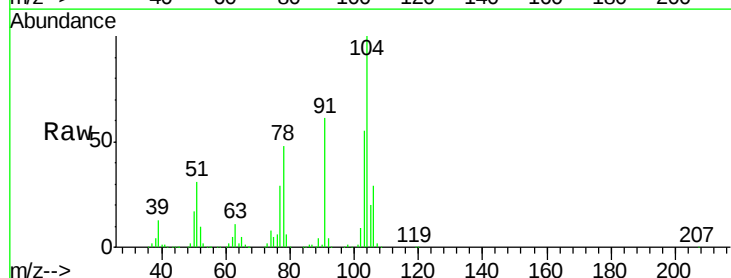


Time--> 10.60 10.70 10.80

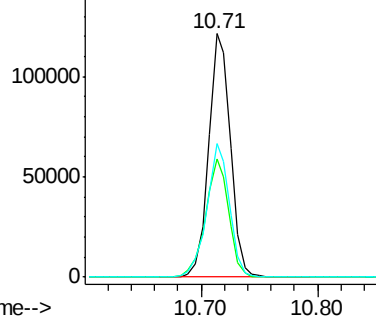


#70
Styrene
Concen: 19.52 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

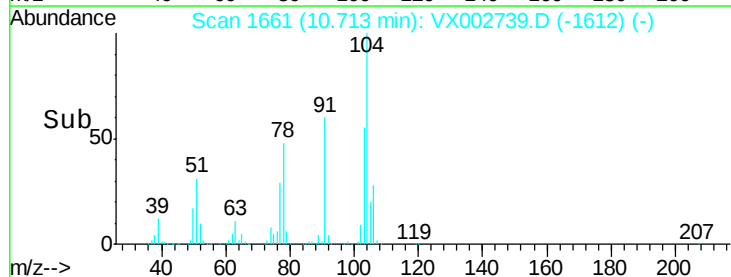
Tgt Ion:104 Resp: 158242
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.6
103 57.1 44.2 66.4

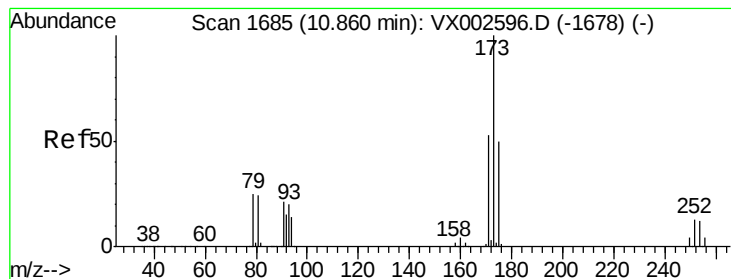


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.70 10.80





#71

Bromoform

Concen: 20.14 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

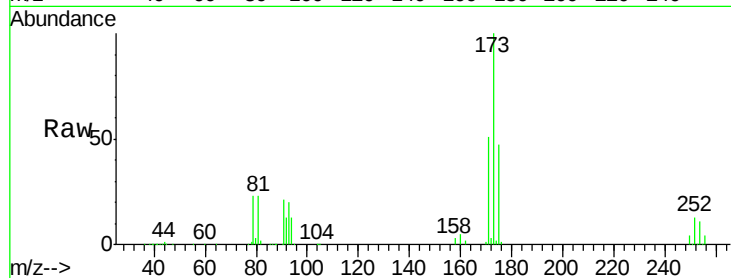
Tot Ion:173 Resp: 40546

Ion Ratio Lower Upper

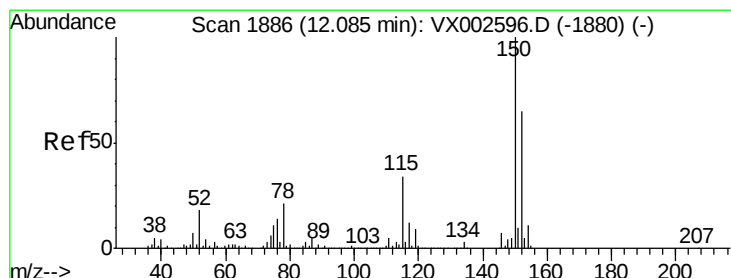
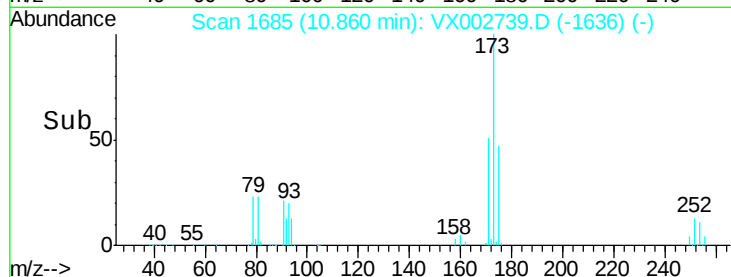
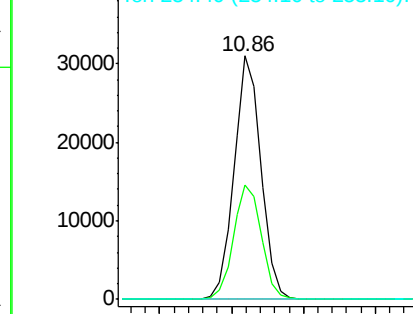
173 100

175 48.6 24.7 74.1

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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

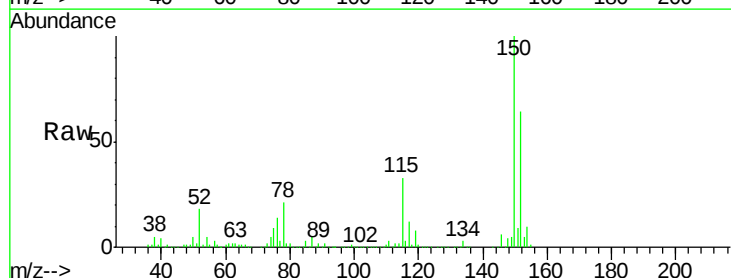
Tgt Ion:152 Resp: 193236

Ion Ratio Lower Upper

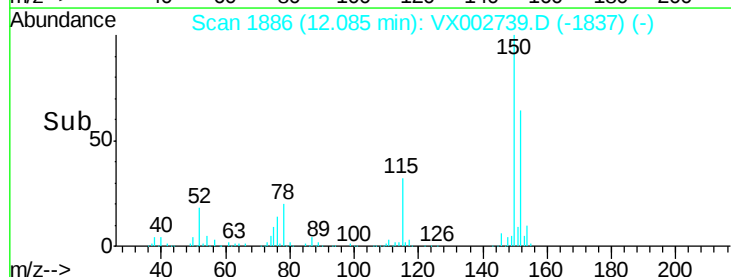
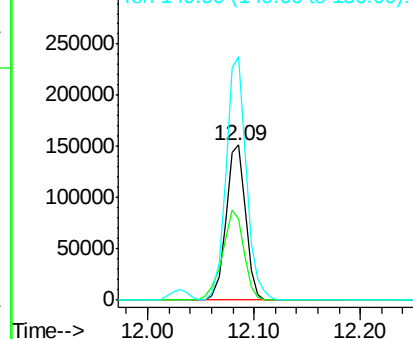
152 100

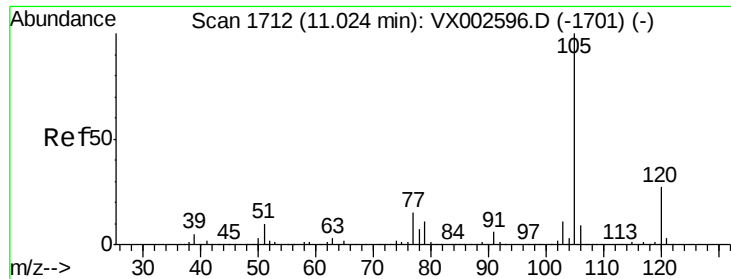
115 63.5 40.1 120.2

150 163.4 0.0 347.2



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





#73

Isopropylbenzene

Concen: 19.94 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

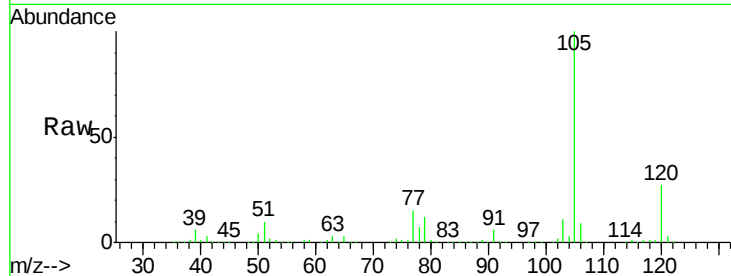
ClientSampleId :

Tot Ion:105 Resp: 257704

Ion Ratio Lower Upper

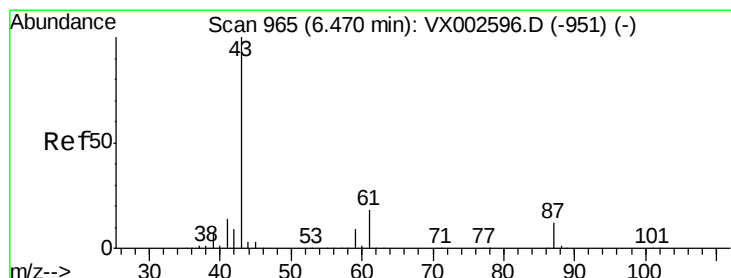
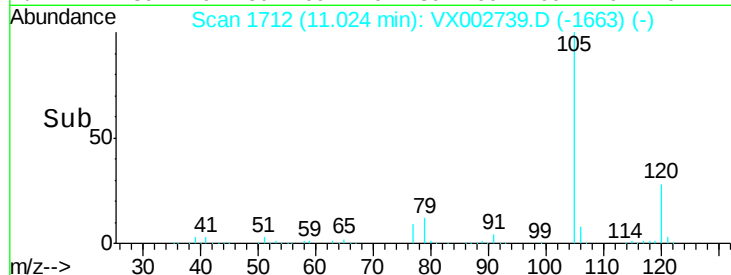
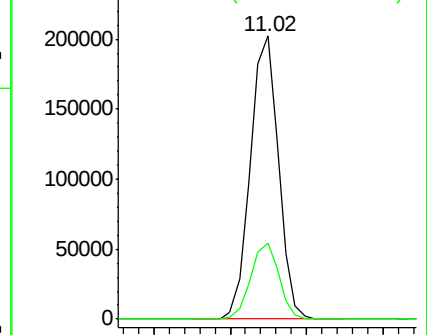
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.41 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Tgt Ion: 43 Resp: 124652

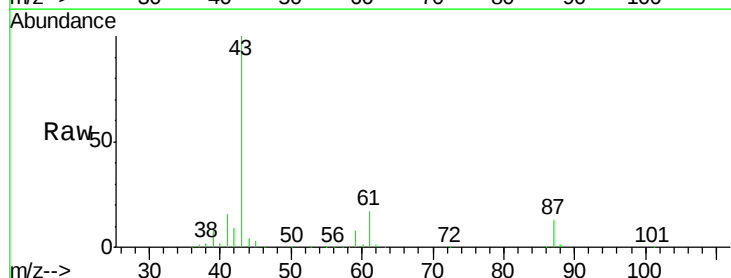
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 0.0 14.4 21.6#

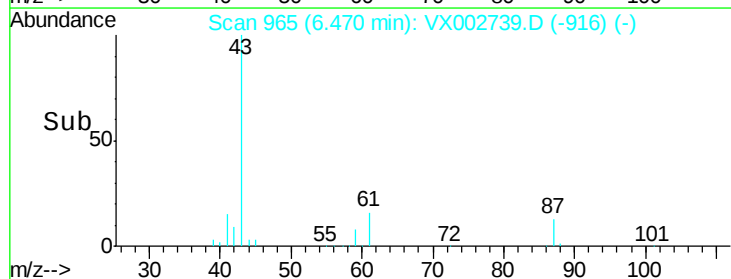
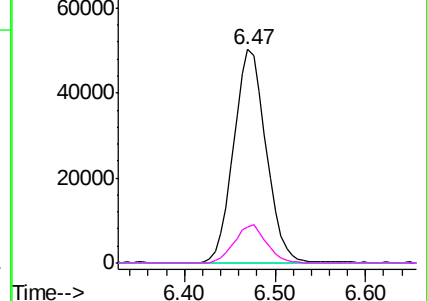


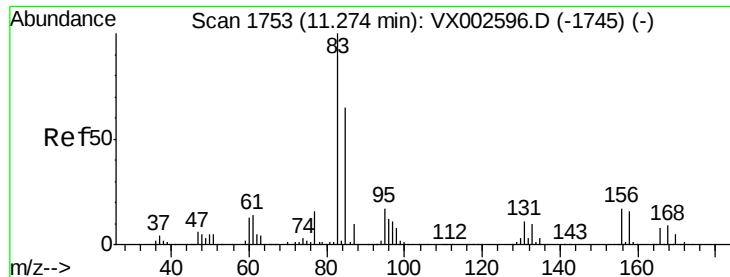
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.40 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

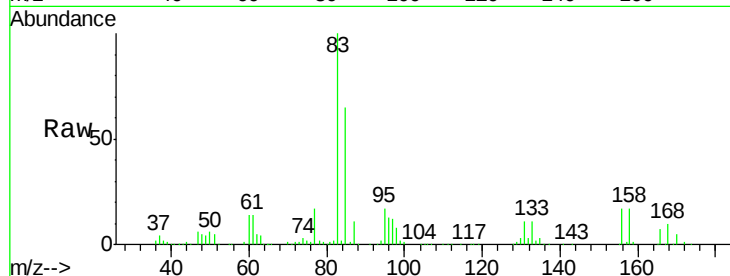
Tot Ion: 83 Resp: 81688

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

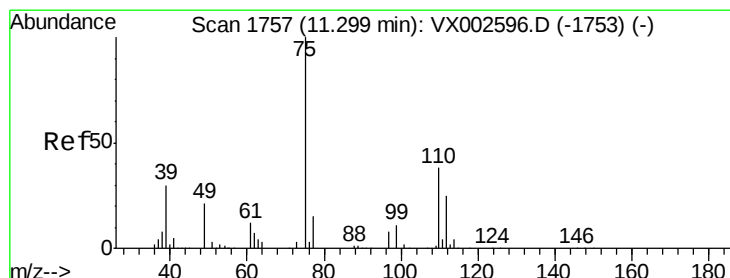
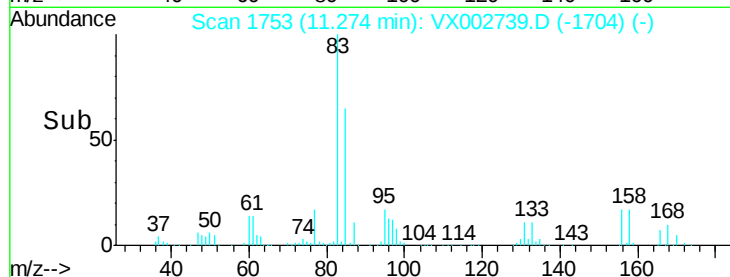
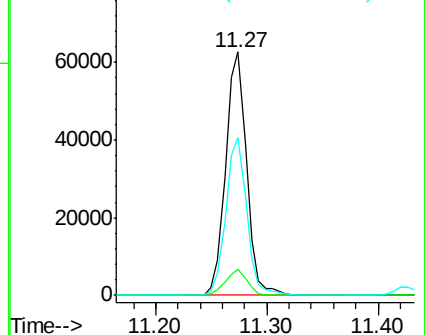
85 64.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.55 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002739.D

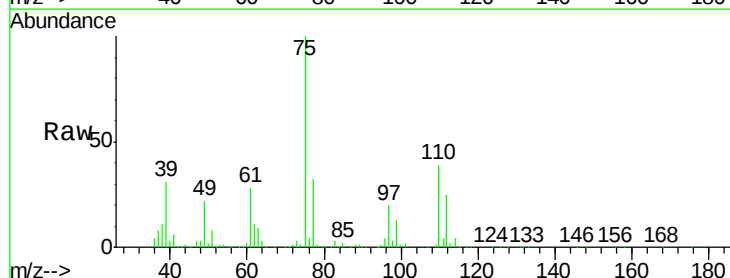
Acq: 20 Jun 2018 14:07

Tgt Ion: 75 Resp: 89521

Ion Ratio Lower Upper

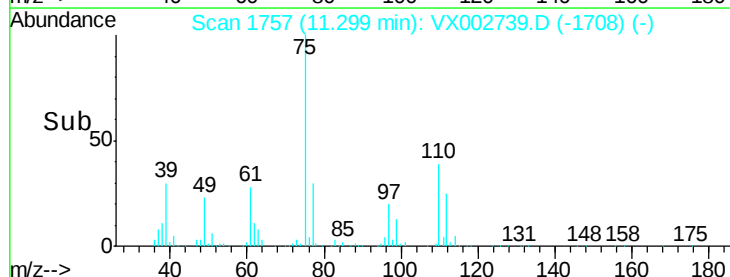
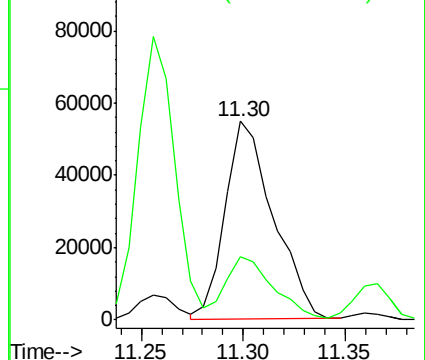
75 100

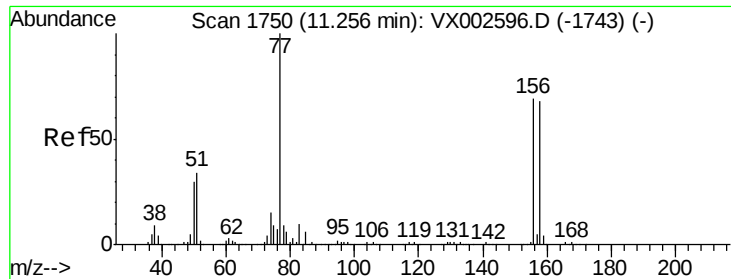
77 32.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.30 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

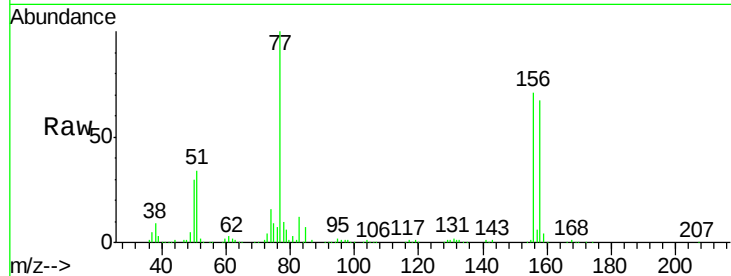
Tot Ion:156 Resp: 73100

Ion Ratio Lower Upper

156 100

77 135.7 71.4 214.2

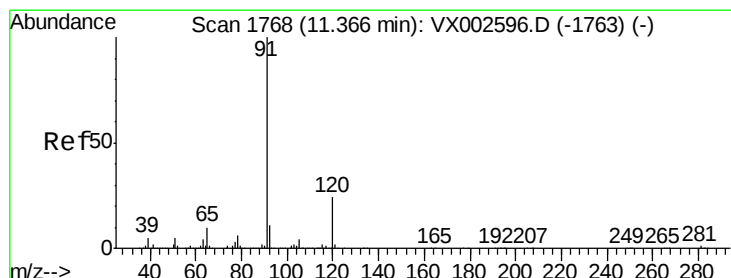
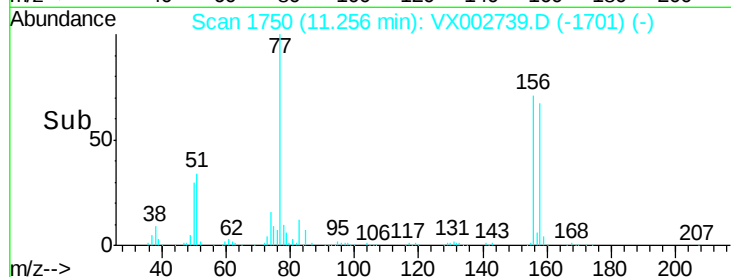
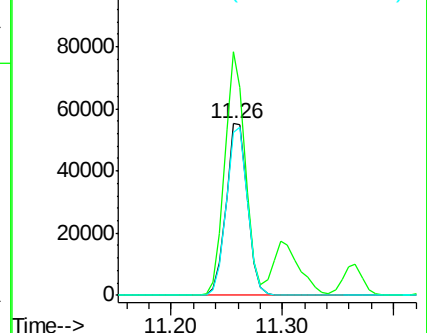
158 97.2 48.9 146.6



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: 19.72 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002739.D

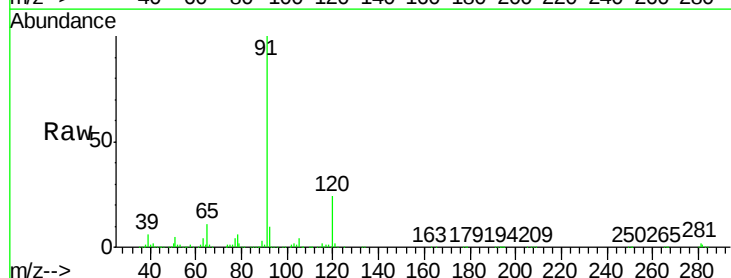
Acq: 20 Jun 2018 14:07

Tgt Ion: 91 Resp: 292240

Ion Ratio Lower Upper

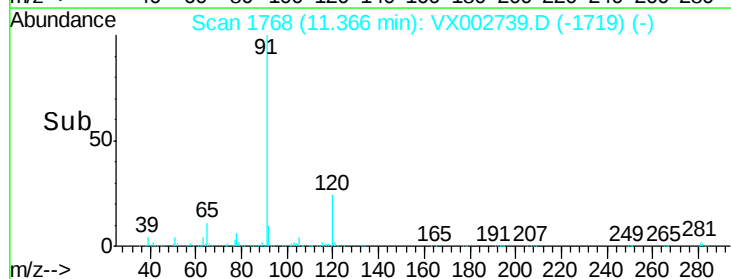
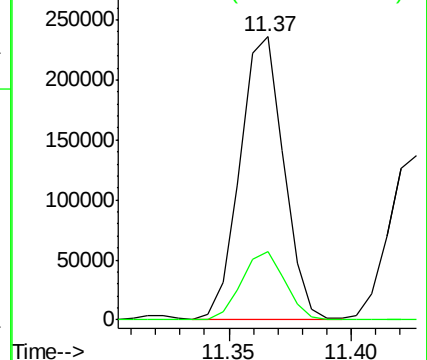
91 100

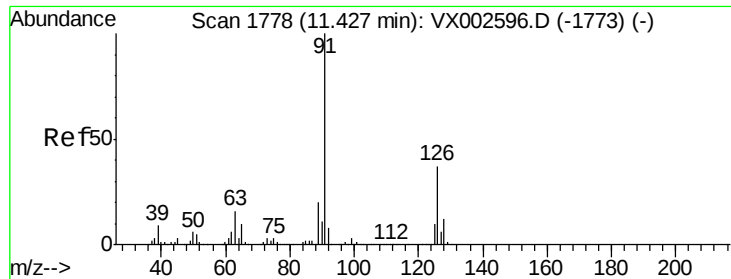
120 24.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.78 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

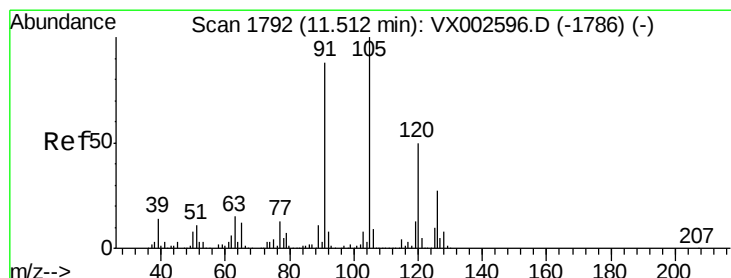
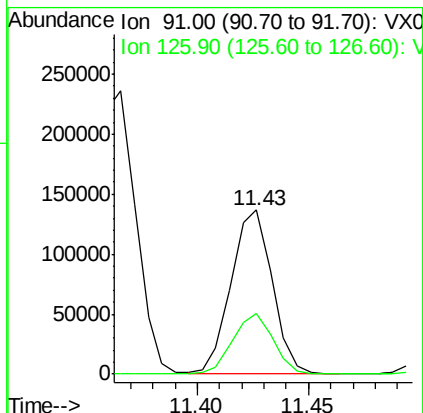
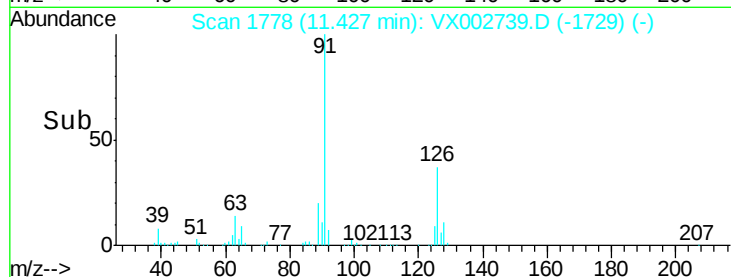
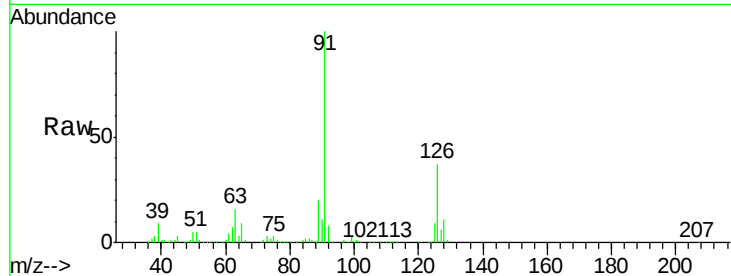
ClientSampled :

Tot Ion: 91 Resp: 175078

Ion Ratio Lower Upper

91 100

126 36.5 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 19.86 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002739.D

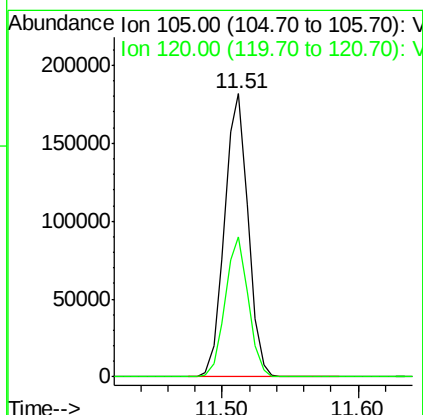
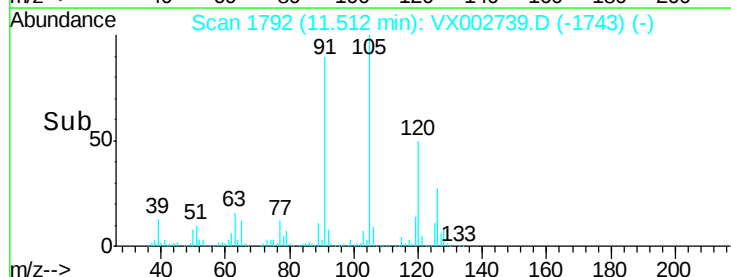
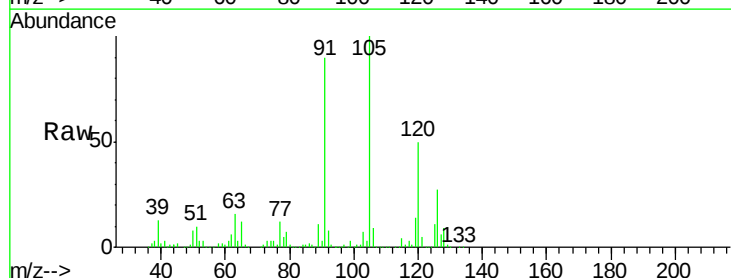
Acq: 20 Jun 2018 14:07

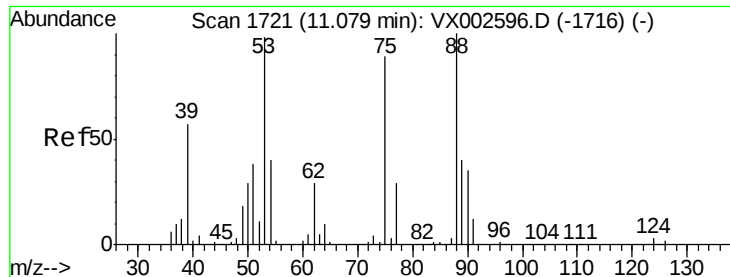
Tgt Ion: 105 Resp: 216948

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.62 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

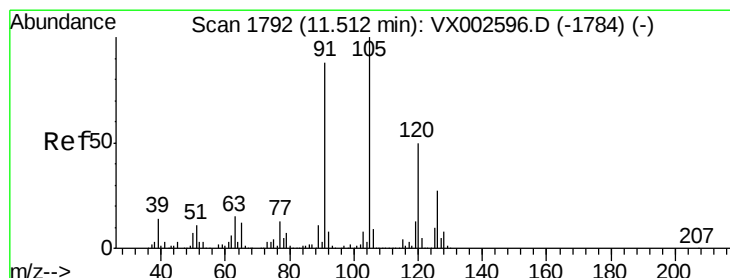
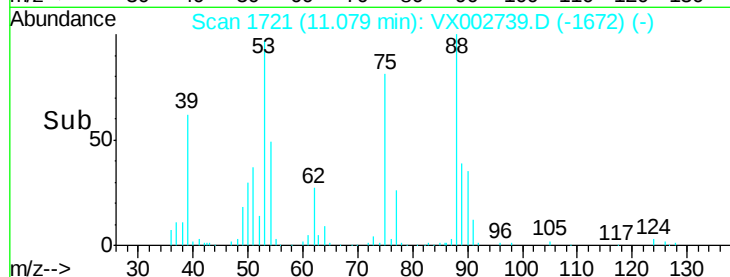
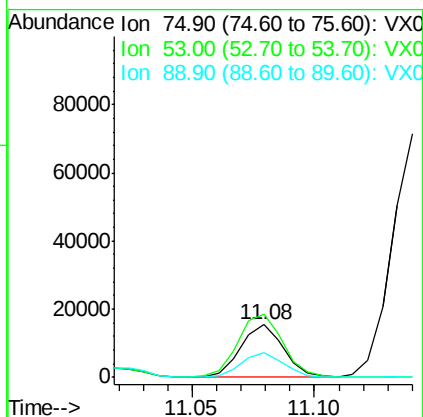
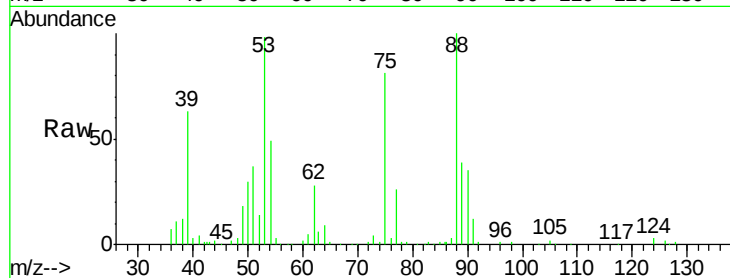
Tot Ion: 75 Resp: 19196

Ion Ratio Lower Upper

75 100

53 122.2 86.8 130.2

89 46.4 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.86 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002739.D

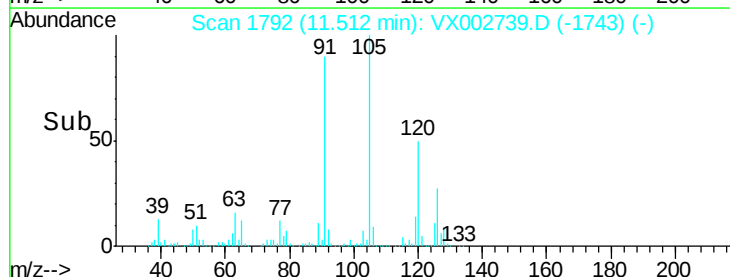
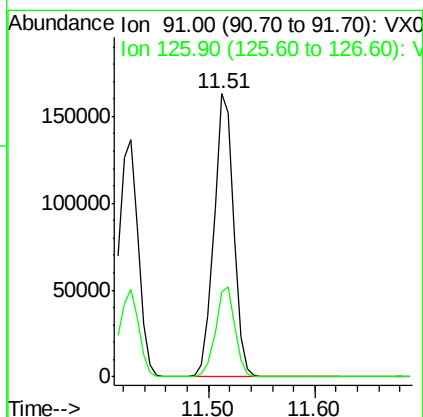
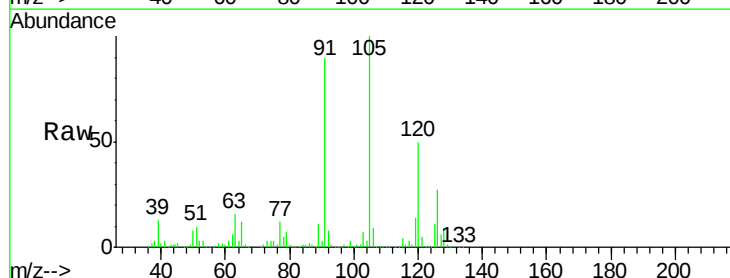
Acq: 20 Jun 2018 14:07

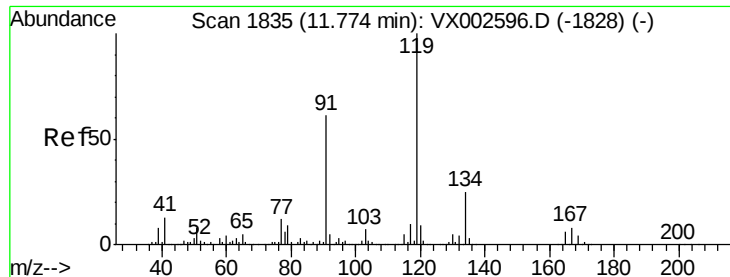
Tgt Ion: 91 Resp: 207335

Ion Ratio Lower Upper

91 100

126 31.5 15.4 46.4

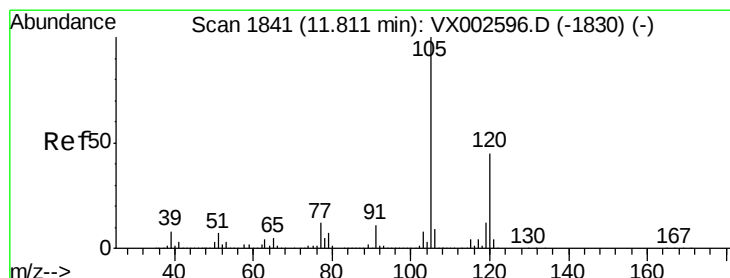
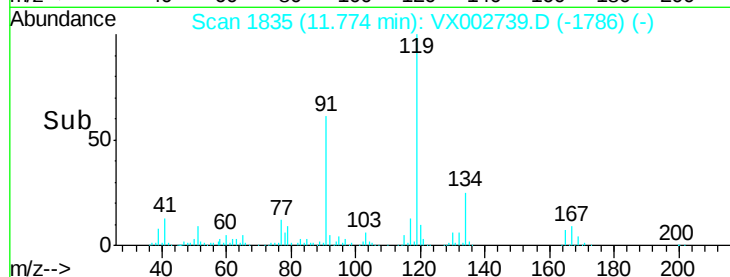
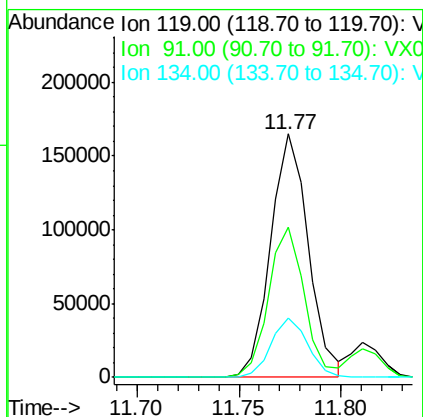
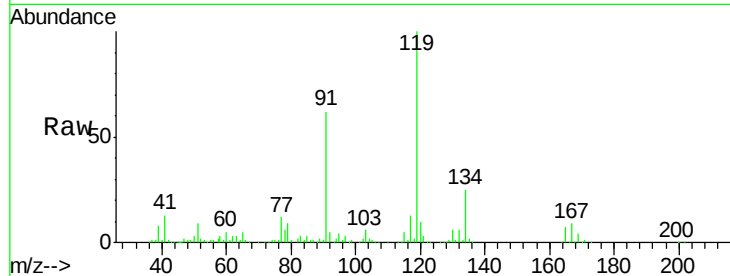




#83
tert-Butylbenzene
Concen: 20.29 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

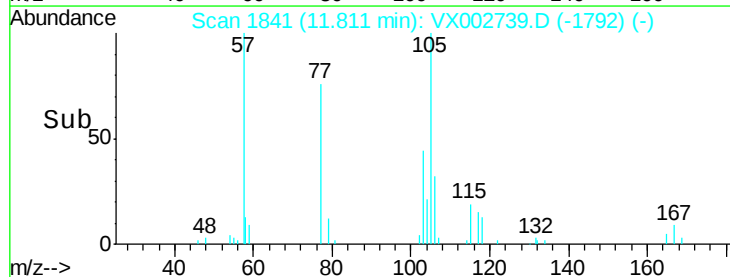
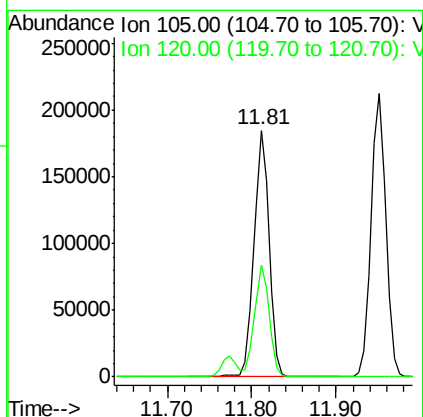
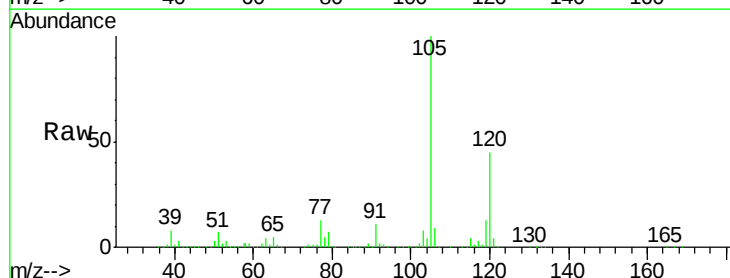
Instrument :
MSVOA_X
ClientSampled :

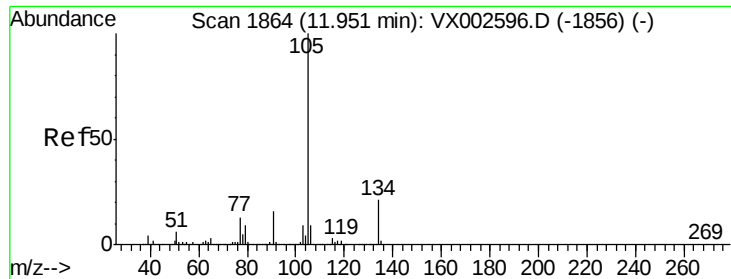
Tot Ion:119 Resp: 213494
Ion Ratio Lower Upper
119 100
91 58.8 30.3 90.9
134 23.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.06 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion:105 Resp: 223603
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.87 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

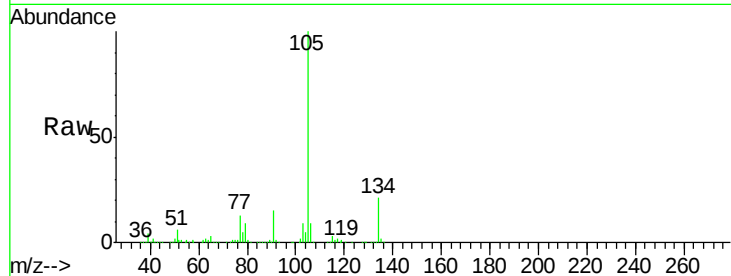
ClientSampleId :

Tot Ion:105 Resp: 259985

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

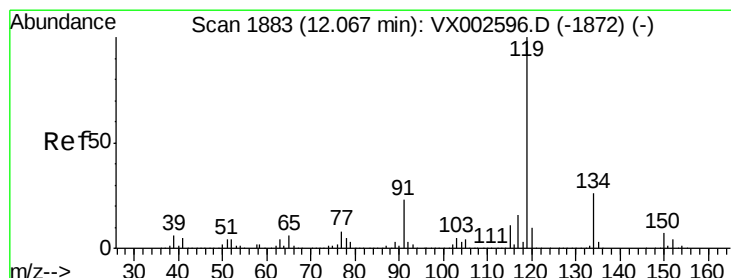
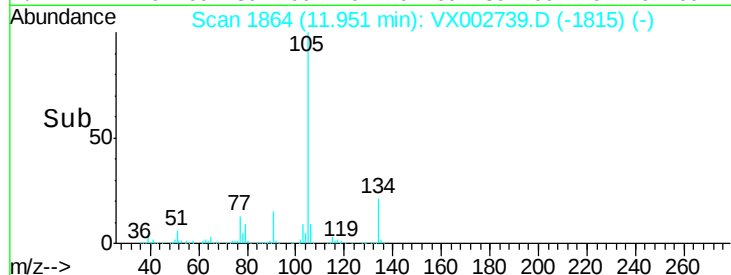
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.65 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

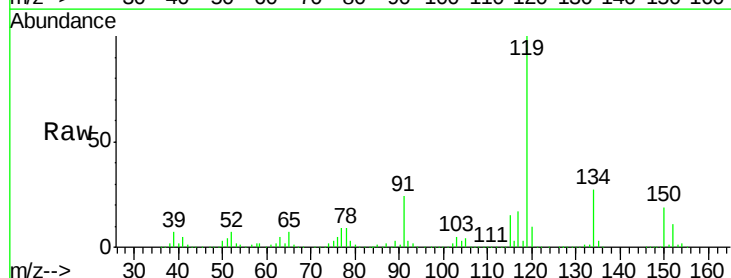
Tgt Ion:119 Resp: 232658

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 24.1 11.9 35.7



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): V

250000

200000

150000

100000

50000

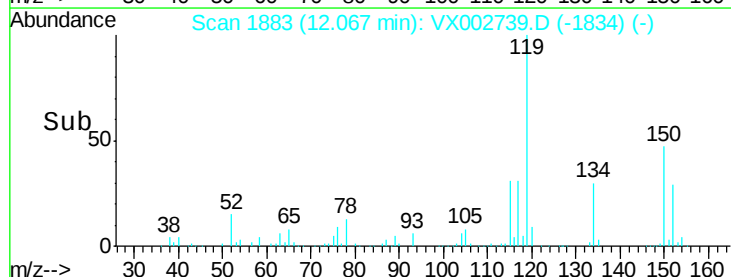
0

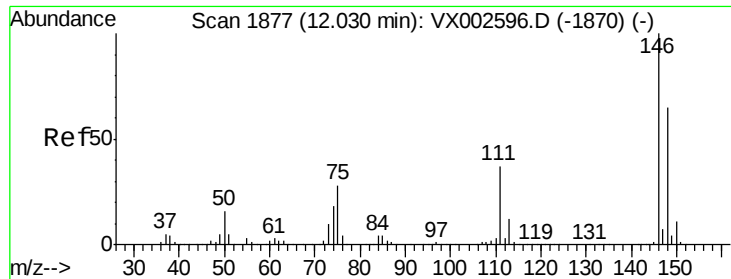
12.00

12.10

12.20

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.72 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampled :

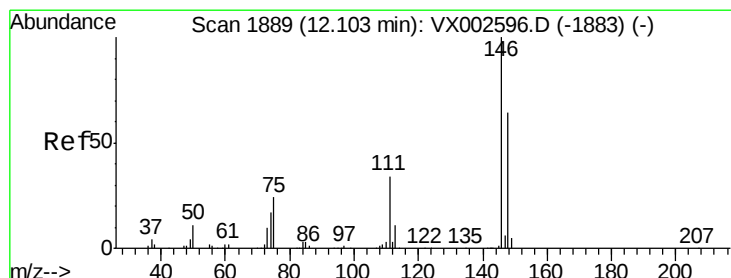
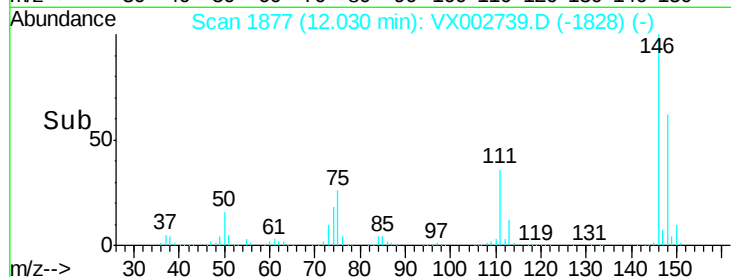
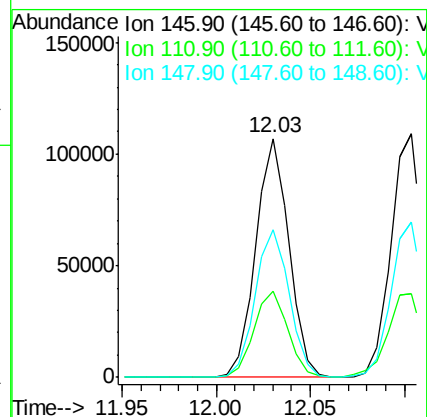
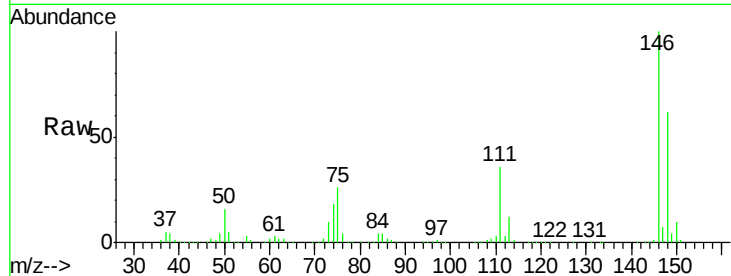
Tot Ion:146 Resp: 130240

Ion Ratio Lower Upper

146 100

111 37.0 18.9 56.7

148 63.6 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.91 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

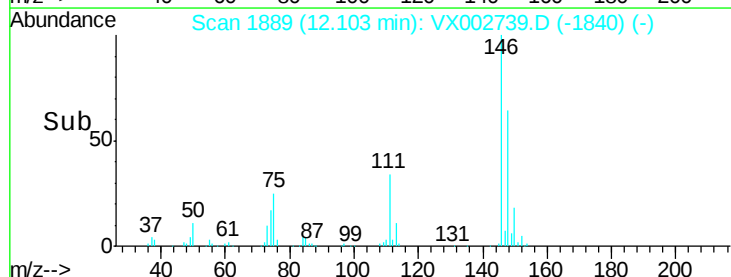
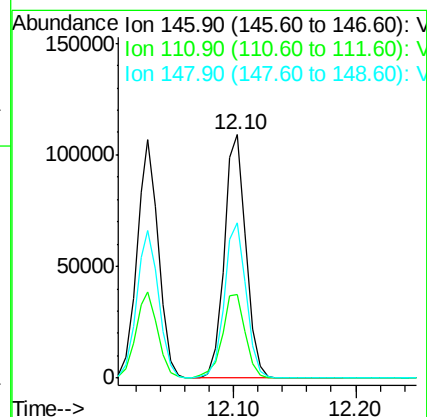
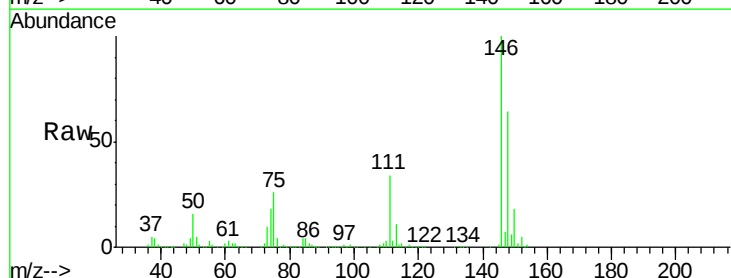
Tgt Ion:146 Resp: 133792

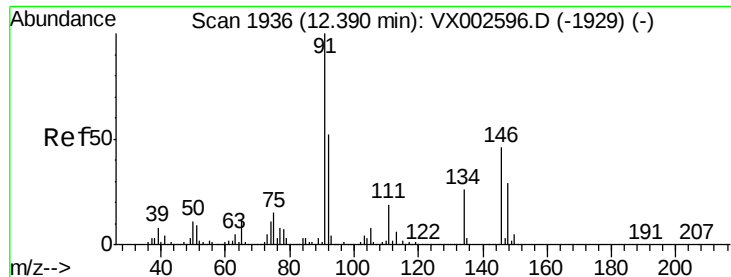
Ion Ratio Lower Upper

146 100

111 36.9 18.7 56.1

148 64.4 32.4 97.0





#89

n-Butylbenzene

Concen: 18.91 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

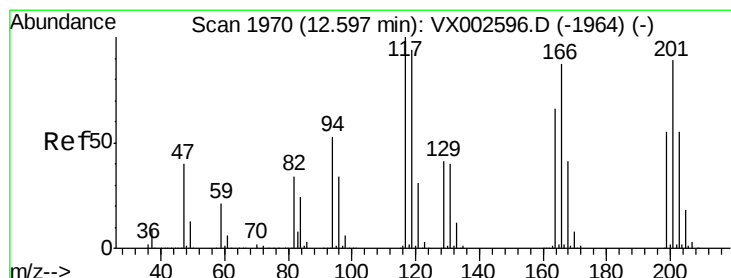
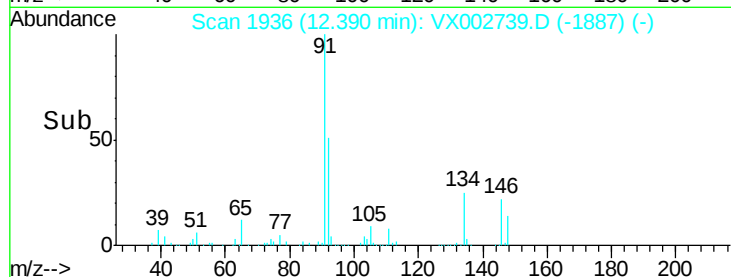
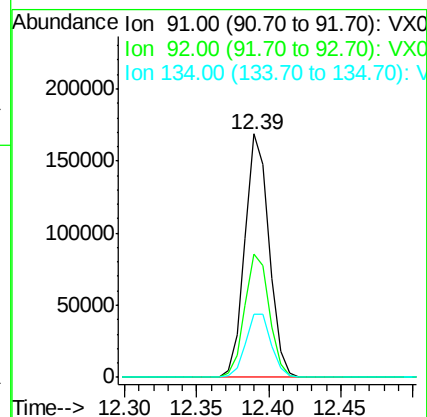
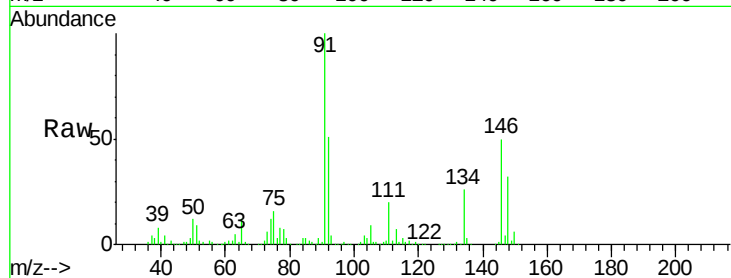
Tot Ion: 91 Resp: 197457

Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.0	78.0
134	27.2	13.5	40.5

91 100

92 51.4 26.0 78.0

134 27.2 13.5 40.5



#90

Hexachloroethane

Concen: 19.15 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002739.D

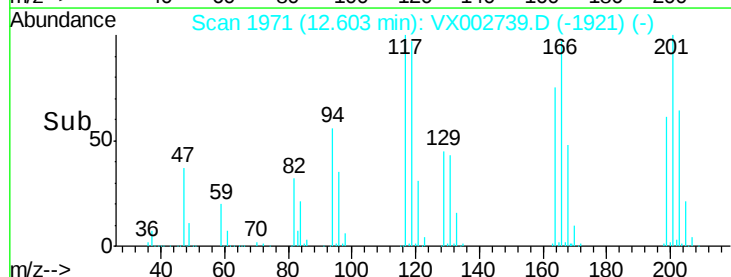
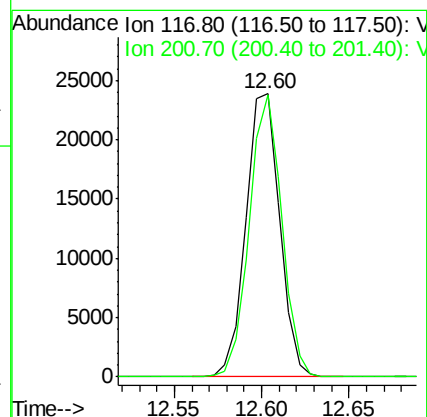
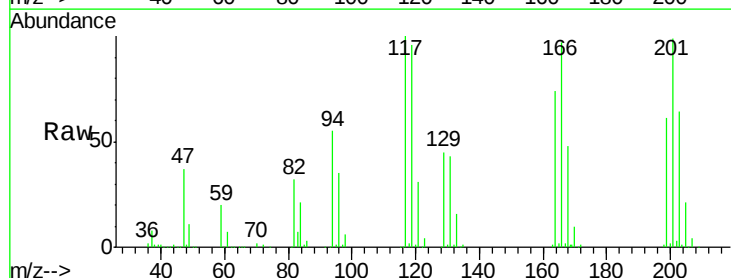
Acq: 20 Jun 2018 14:07

Tgt Ion: 117 Resp: 32174

Ion	Ratio	Lower	Upper
117	100		
201	94.9	49.0	147.0

117 100

201 94.9 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 19.82 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

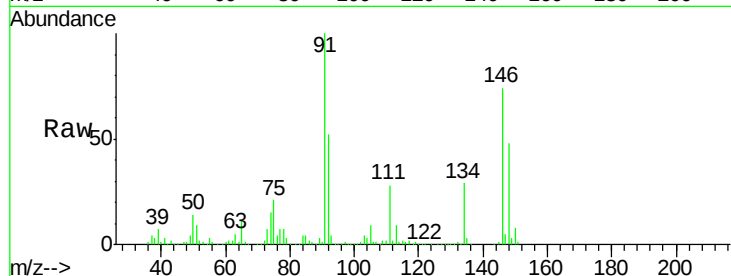
Tot Ion:146 Resp: 131691

Ion Ratio Lower Upper

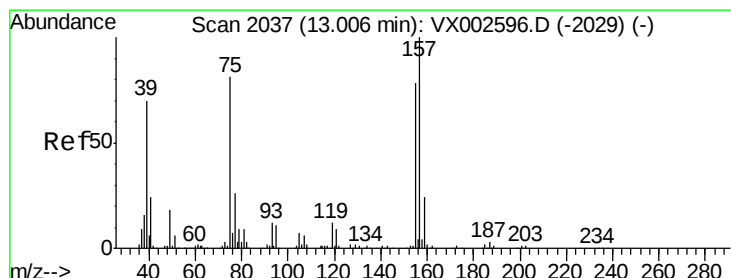
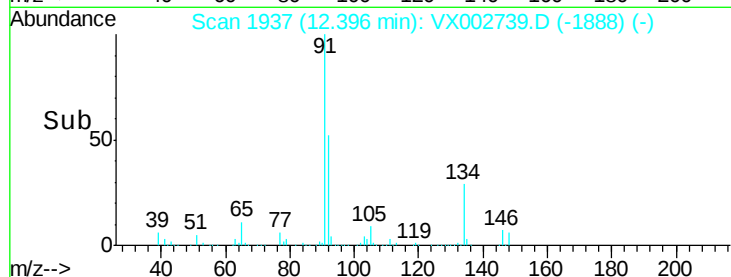
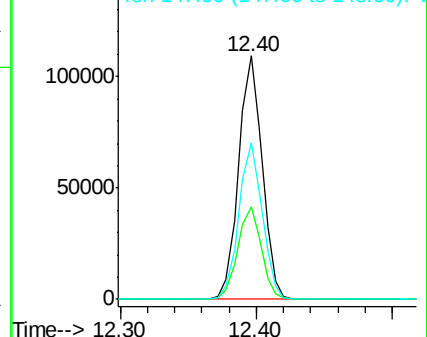
146 100

111 38.2 19.4 58.1

148 63.9 31.7 95.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.11 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

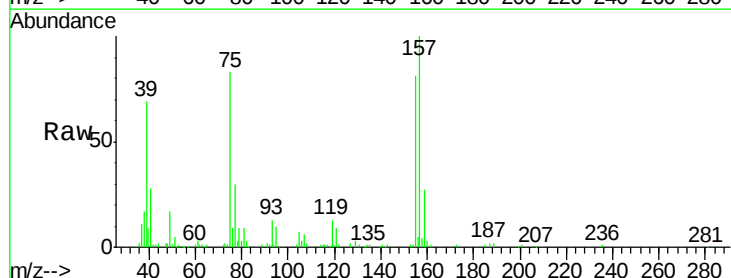
Tgt Ion: 75 Resp: 16872

Ion Ratio Lower Upper

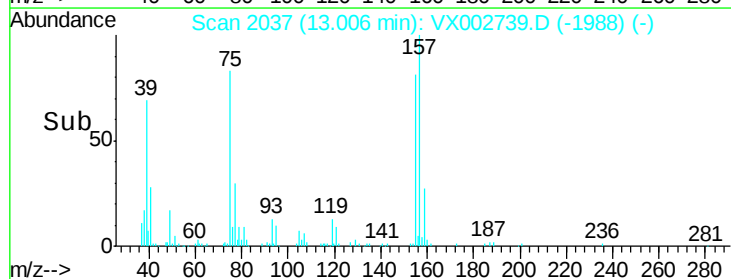
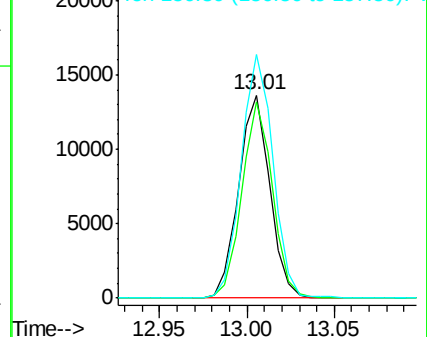
75 100

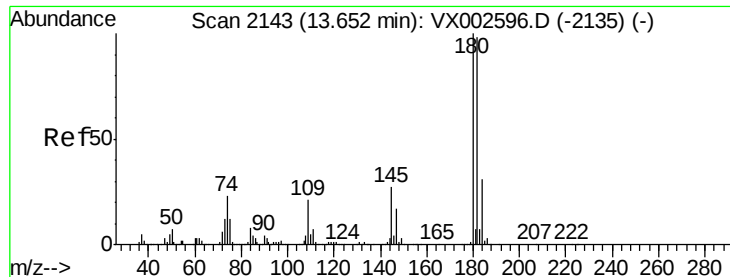
155 94.7 45.8 137.4

157 122.4 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.50 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

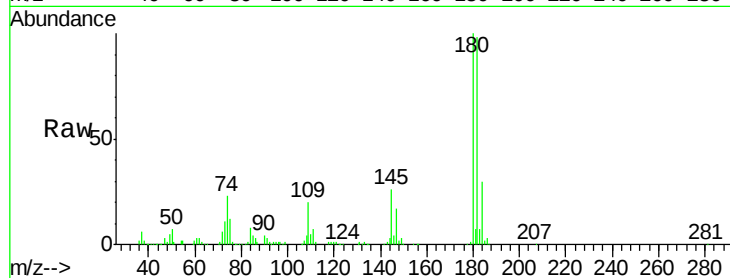
Tot Ion:180 Resp: 94071

Ion Ratio Lower Upper

180 100

182 96.5 47.7 143.1

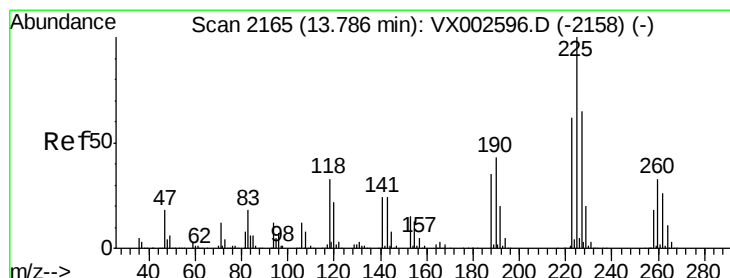
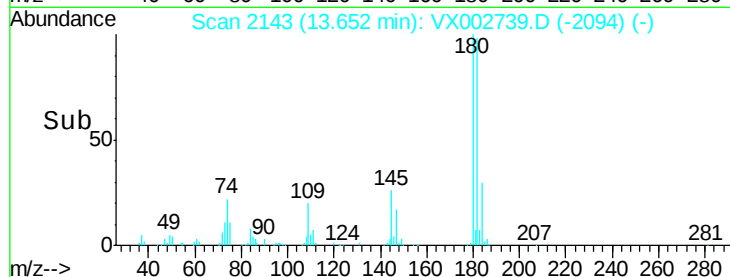
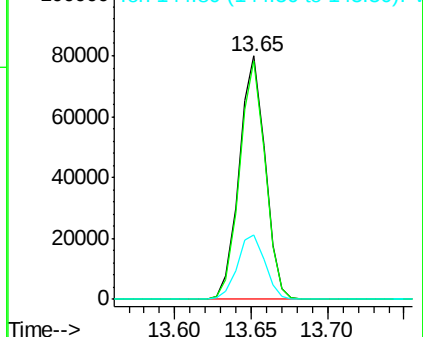
145 27.8 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.27 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

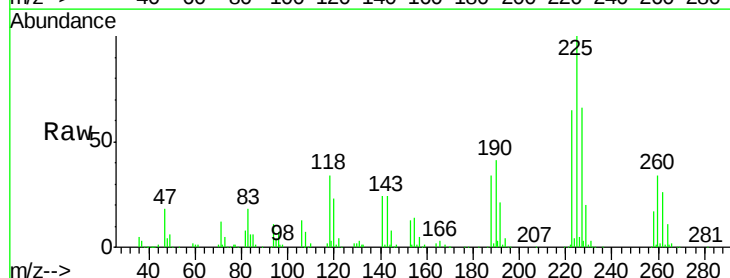
Tgt Ion:225 Resp: 48970

Ion Ratio Lower Upper

225 100

223 62.4 31.6 95.0

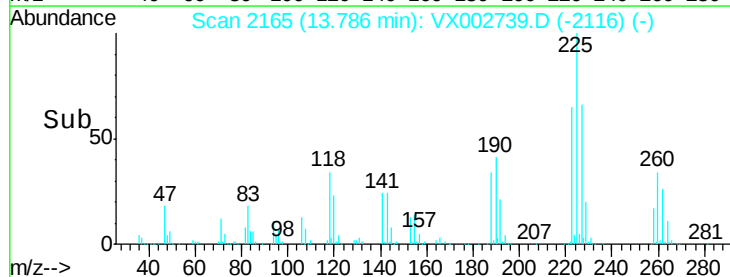
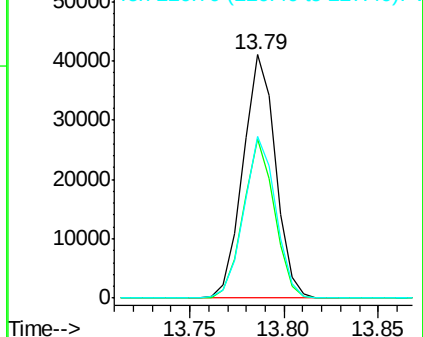
227 65.0 32.4 97.2

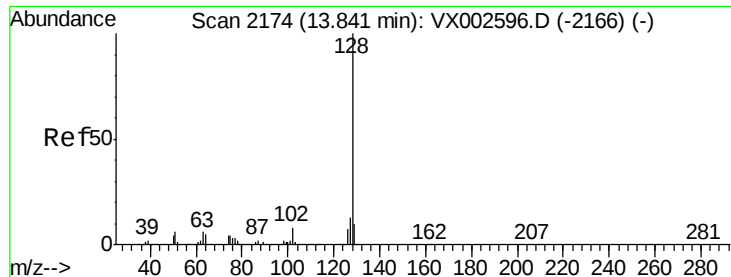


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.44 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampled :

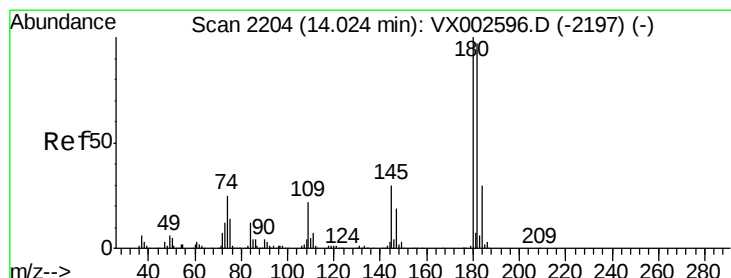
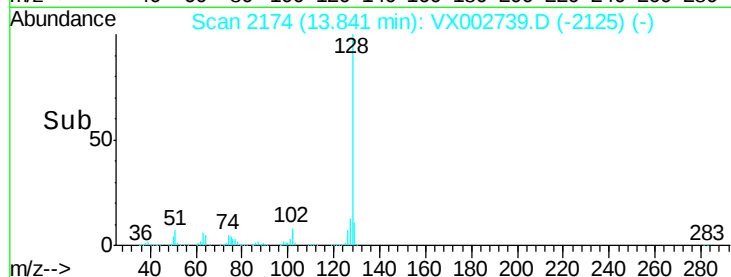
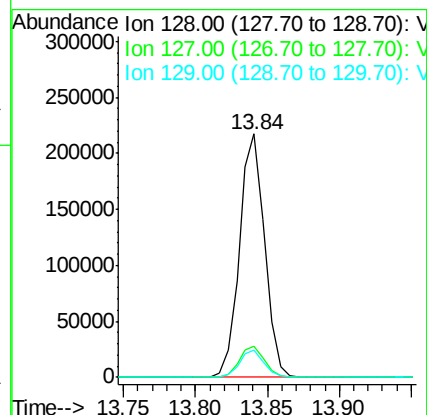
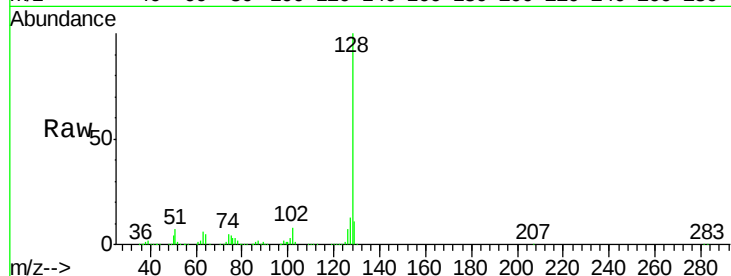
Tot Ion:128 Resp: 265220

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.99 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Tgt Ion:180 Resp: 96857

Ion Ratio Lower Upper

180 100

182 94.3 48.0 144.0

145 29.6 14.8 44.3

