

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002906.D
 Acq On : 26 Jun 2018 21:04
 Operator : JC/MD
 Sample : VX0626MBSD02
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:41:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	210536	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	183081	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.66%		
35) Dibromofluoromethane	5.51	113	144361	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.36%		
50) Toluene-d8	8.72	98	521456	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.26%		
62) 4-Bromofluorobenzene	11.14	95	196130	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.78%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	43229	18.58	ug/l	97
3) Chloromethane	1.32	50	48194	19.42	ug/l	99
4) Vinyl Chloride	1.40	62	54393	18.64	ug/l	95
5) Bromomethane	1.64	94	27032	18.11	ug/l	100
6) Chloroethane	1.72	64	35872	19.67	ug/l	98
7) Trichlorofluoromethane	1.93	101	94546	19.21	ug/l	98
8) Diethyl Ether	2.19	74	35367	19.76	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53140	18.63	ug/l	99
10) Methyl Iodide	2.51	142	46566	20.32	ug/l	100
11) Tert butyl alcohol	3.07	59	75777	106.66	ug/l	97
12) 1,1-Dichloroethene	2.37	96	47921	18.83	ug/l	95
13) Acrolein	2.29	56	49104	126.79	ug/l	99
14) Allyl chloride	2.73	41	99951	19.93	ug/l	97
15) Acrylonitrile	3.15	53	154981	102.13	ug/l	100
16) Acetone	2.45	43	145524	98.53	ug/l	100
17) Carbon Disulfide	2.57	76	123707	18.25	ug/l	98
18) Methyl Acetate	2.78	43	91635	22.19	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	184232	20.14	ug/l	98
20) Methylene Chloride	2.86	84	56833	19.77	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	52401	18.91	ug/l	95
22) Diisopropyl ether	3.87	45	192412	20.07	ug/l	93
23) Vinyl Acetate	3.83	43	795755	98.01	ug/l	99
24) 1,1-Dichloroethane	3.70	63	103018	19.77	ug/l	99
25) 2-Butanone	4.71	43	224040	102.21	ug/l	98
26) 2,2-Dichloropropane	4.58	77	69263	16.34	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	60175	19.36	ug/l	100
28) Bromochloromethane	5.02	49	50619	20.29	ug/l	95
29) Tetrahydrofuran	5.17	42	142722	101.54	ug/l	97
30) Chloroform	5.22	83	106972	20.00	ug/l	98
31) Cyclohexane	5.57	56	82648	18.48	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	93112	19.79	ug/l	99
36) 1,1-Dichloropropene	5.80	75	74106	18.79	ug/l	99
37) Ethyl Acetate	4.87	43	84379	19.87	ug/l	99
38) Carbon Tetrachloride	5.78	117	81467	18.82	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002906.D
 Acq On : 26 Jun 2018 21:04
 Operator : JC/MD
 Sample : VX0626MBSD02
 Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:41:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81779	17.80	ug/l	98
40) Benzene	6.15	78	223932	19.54	ug/l	100
41) Methacrylonitrile	5.07	41	48653	19.89	ug/l	98
42) 1,2-Dichloroethane	6.20	62	90838	19.62	ug/l	100
43) Isopropyl Acetate	6.47	43	138622	19.46	ug/l	99
44) Trichloroethene	7.21	130	65421	19.15	ug/l	96
45) 1,2-Dichloropropane	7.52	63	59131	19.45	ug/l	100
46) Dibromomethane	7.67	93	40870	19.37	ug/l	95
47) Bromodichloromethane	7.90	83	78069	20.02	ug/l	99
48) Methyl methacrylate	7.78	41	72280	19.69	ug/l	98
49) 1,4-Dioxane	7.76	88	28846	403.98	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	457358	102.63	ug/l	99
52) Toluene	8.79	92	143082	19.49	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	84956	19.23	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	78206	18.40	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	60028	19.90	ug/l	98
56) Ethyl methacrylate	9.18	69	85464	19.38	ug/l	98
57) 1,3-Dichloropropane	9.37	76	98488	19.88	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	216934	101.98	ug/l	99
59) 2-Hexanone	9.50	43	345525	102.02	ug/l	98
60) Dibromochloromethane	9.59	129	62077	19.55	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62960	19.90	ug/l	100
64) Tetrachloroethene	9.34	164	72580	19.21	ug/l	97
65) Chlorobenzene	10.14	112	167900	19.45	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62386	19.90	ug/l	98
67) Ethyl Benzene	10.26	91	277709	19.48	ug/l	99
68) m/p-Xylenes	10.36	106	213364	38.83	ug/l	99
69) o-Xylene	10.70	106	105292	19.68	ug/l	99
70) Styrene	10.71	104	169511	19.50	ug/l	99
71) Bromoform	10.86	173	46675	19.09	ug/l	# 100
73) Isopropylbenzene	11.02	105	284326	20.07	ug/l	100
74) N-amyl acetate	6.47	43	138622	20.00	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	90159	20.66	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	97833	25.65	ug/l	80
77) Bromobenzene	11.26	156	79955	19.82	ug/l	99
78) n-propylbenzene	11.37	91	320964	19.91	ug/l	99
79) 2-Chlorotoluene	11.42	91	195128	19.99	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	238894	20.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20492	17.90	ug/l	94
82) 4-Chlorotoluene	11.51	91	230162	19.92	ug/l	100
83) tert-Butylbenzene	11.77	119	237049	20.16	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	248383	20.10	ug/l	99
85) sec-Butylbenzene	11.95	105	284982	19.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	255399	19.92	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	145883	19.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146463	19.32	ug/l	99
89) n-Butylbenzene	12.39	91	212358	19.03	ug/l	99
90) Hexachloroethane	12.60	117	35336	18.53	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	146940	19.76	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18585	18.95	ug/l	99

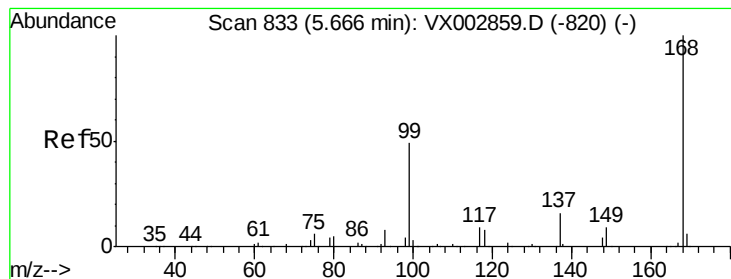
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
Data File : VX002906.D
Acq On : 26 Jun 2018 21:04
Operator : JC/MD
Sample : VX0626MBSD02
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 27 02:41:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104495	19.31	ug/l	99
94) Hexachlorobutadiene	13.79	225	50720	18.79	ug/l	99
95) Naphthalene	13.84	128	294494	20.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	108175	20.01	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

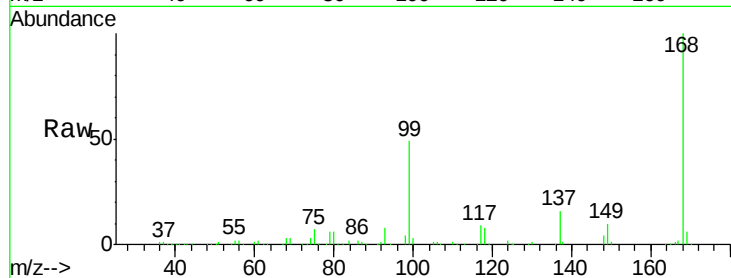
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 258025

Ion Ratio Lower Upper

168 100

99 49.2 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

100000

80000

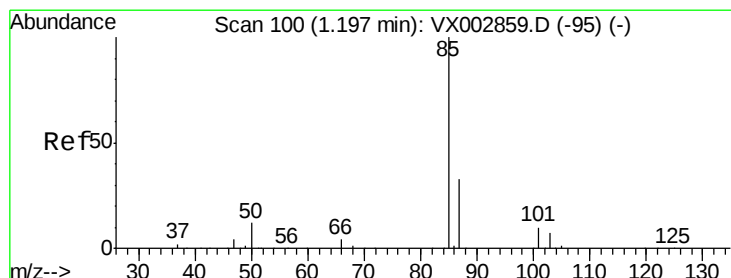
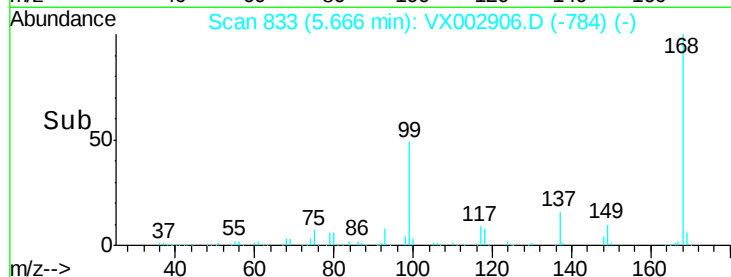
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.58 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002906.D

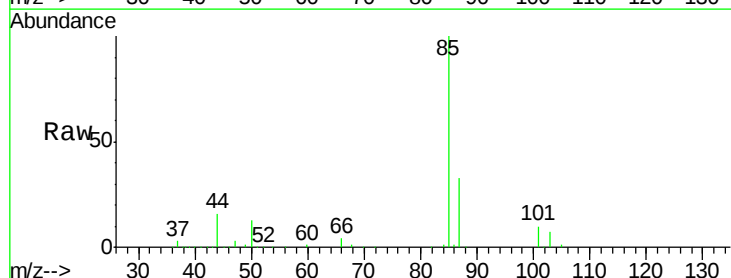
Acq: 26 Jun 2018 21:04

Tgt Ion: 85 Resp: 43229

Ion Ratio Lower Upper

85 100

87 33.5 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

50000

40000

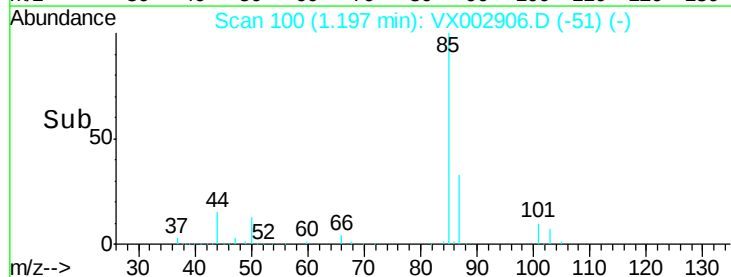
30000

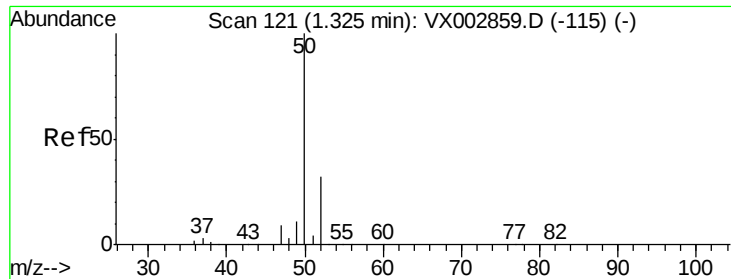
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.42 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

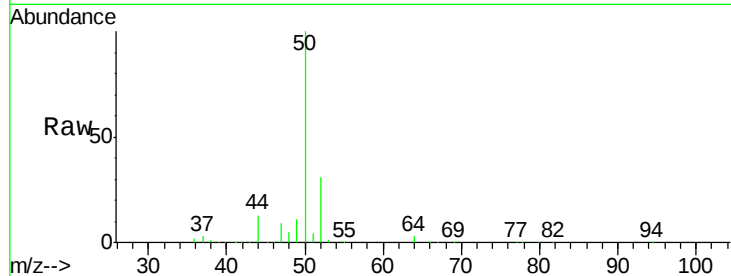
ClientSampleId :

Tot Ion: 50 Resp: 48194

Ion Ratio Lower Upper

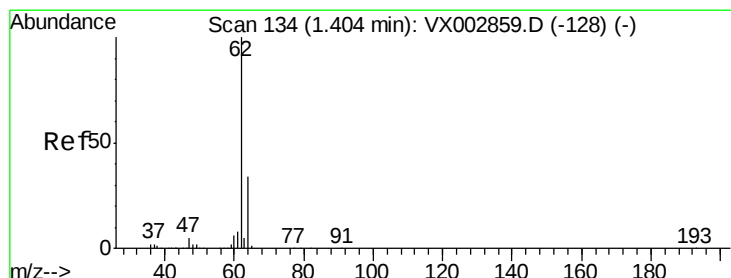
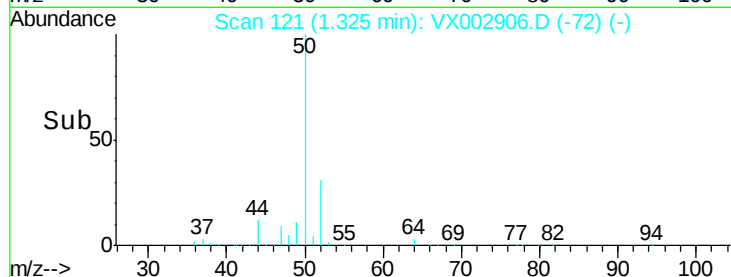
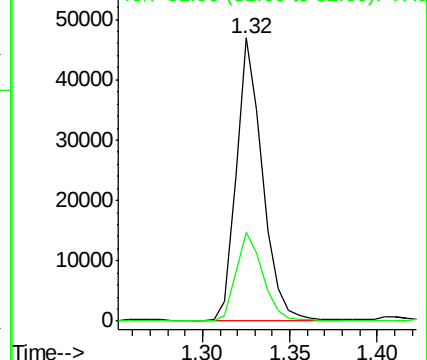
50 100

52 31.4 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: 18.64 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002906.D

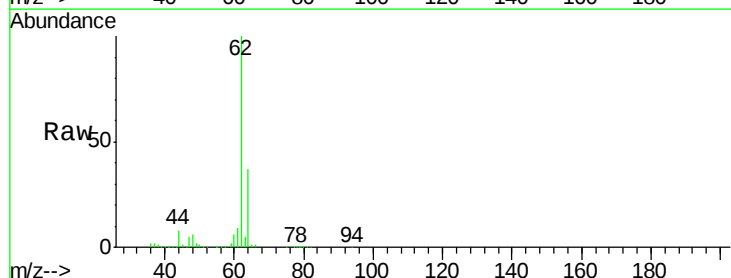
Acq: 26 Jun 2018 21:04

Tgt Ion: 62 Resp: 54393

Ion Ratio Lower Upper

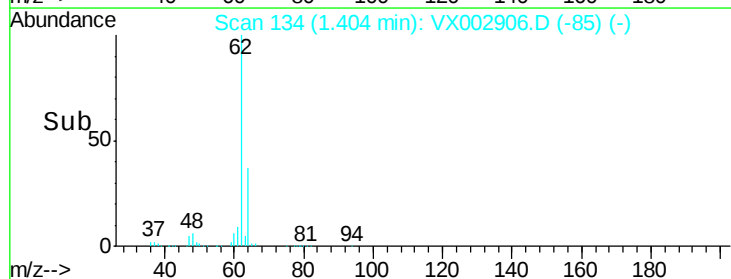
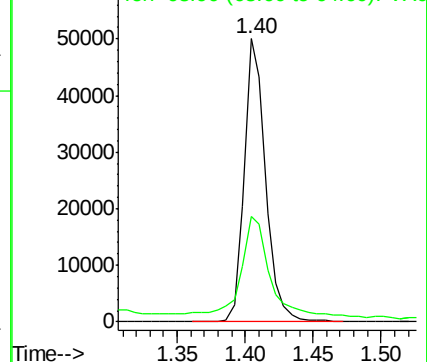
62 100

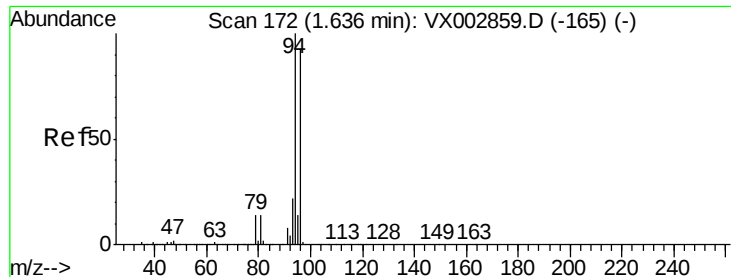
64 34.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.11 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

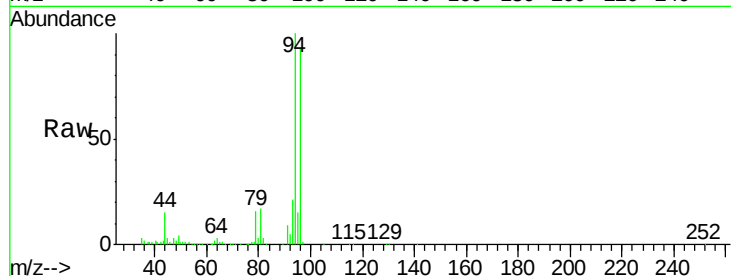
ClientSampleId :

Tot Ion: 94 Resp: 27032

Ion Ratio Lower Upper

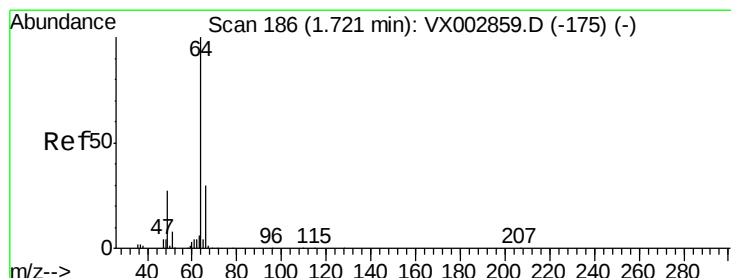
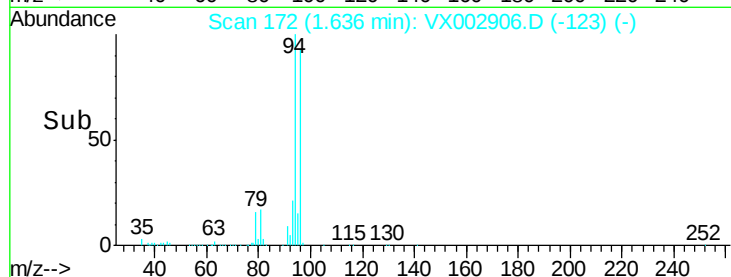
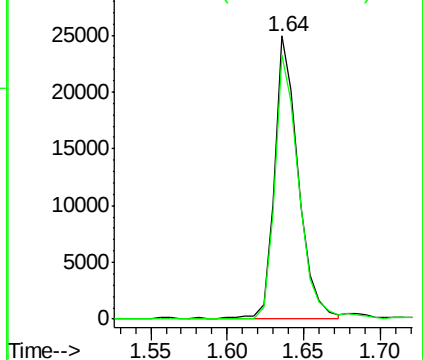
94 100

96 93.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.67 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002906.D

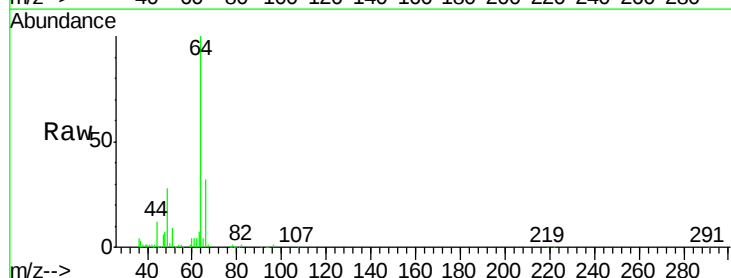
Acq: 26 Jun 2018 21:04

Tgt Ion: 64 Resp: 35872

Ion Ratio Lower Upper

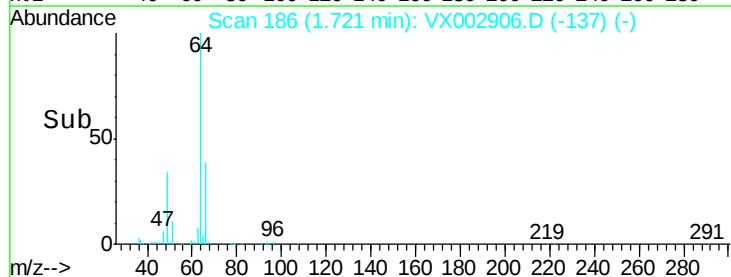
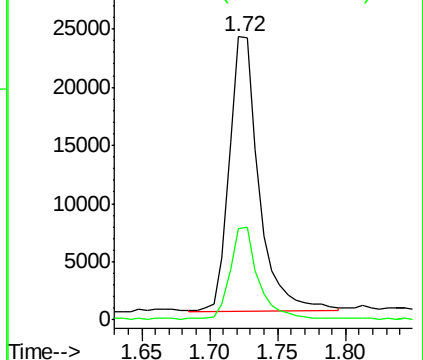
64 100

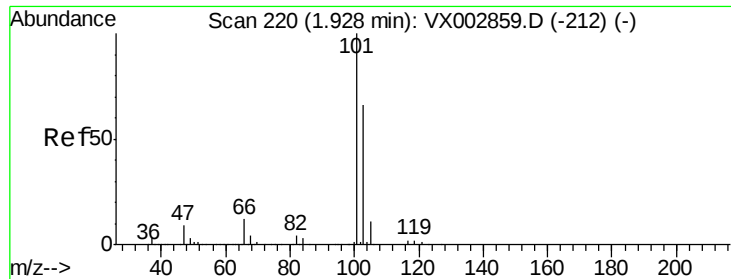
66 32.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



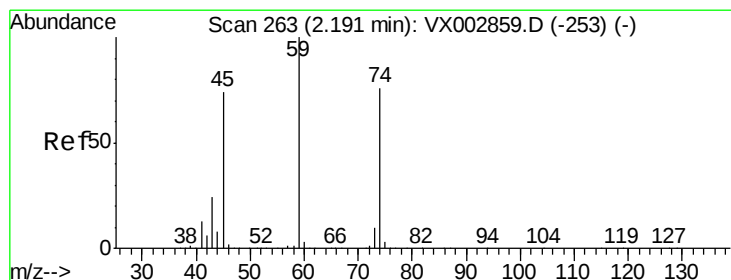
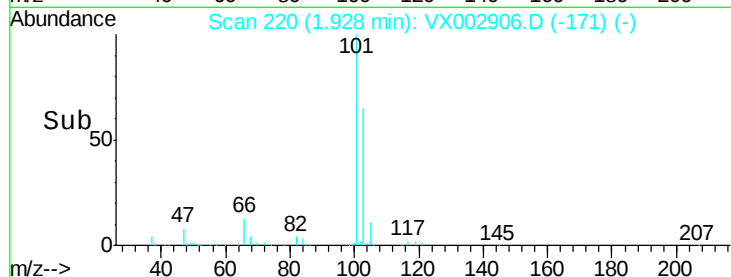
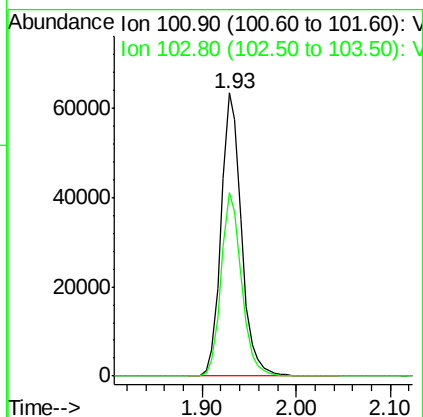
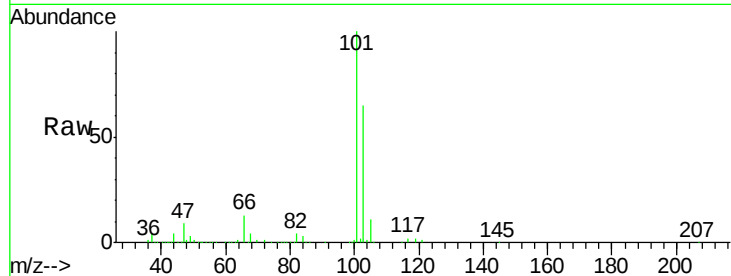


#7

Trichlorofluoromethane
 Concen: 19.21 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :

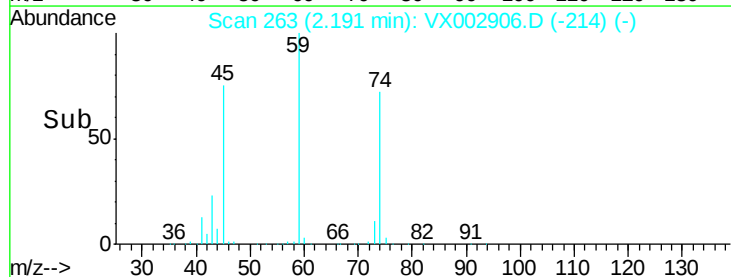
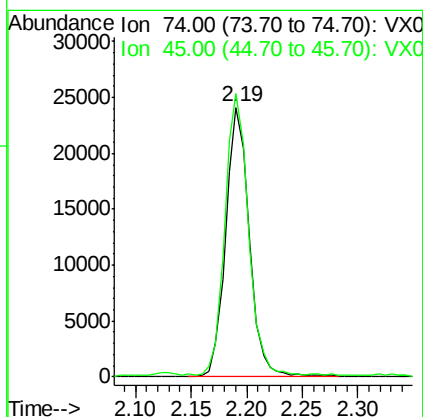
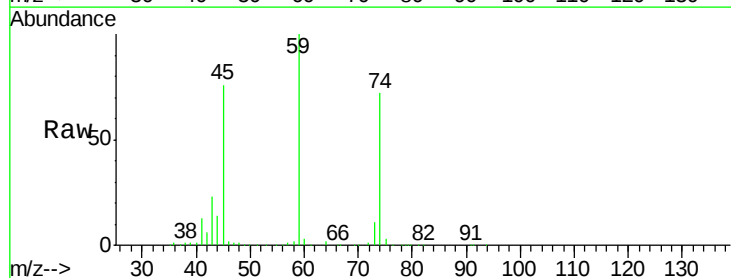
Tot Ion:101 Resp: 94546
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.8 79.2

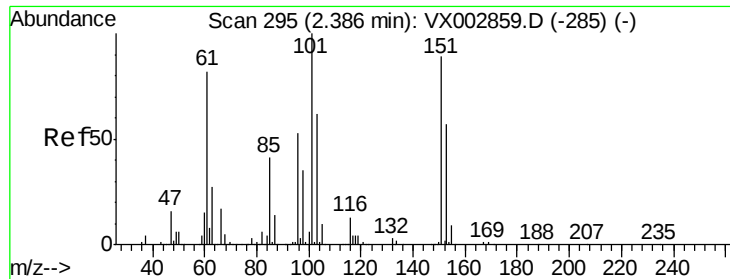


#8

Diethyl Ether
 Concen: 19.76 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion: 74 Resp: 35367
 Ion Ratio Lower Upper
 74 100
 45 103.7 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.63 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampled :

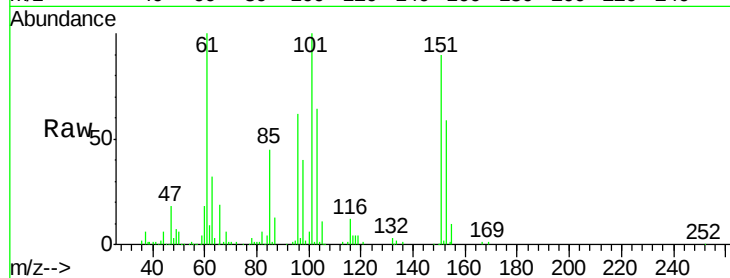
Tot Ion:101 Resp: 53140

Ion Ratio Lower Upper

101 100

85 45.2 36.0 54.0

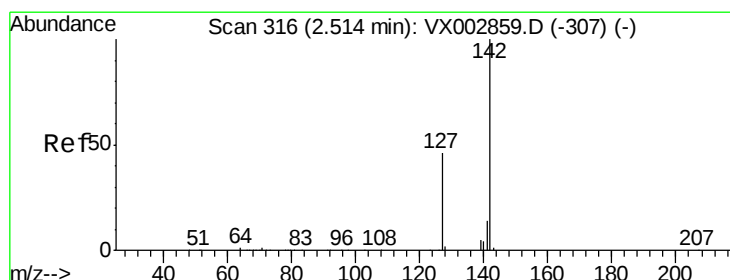
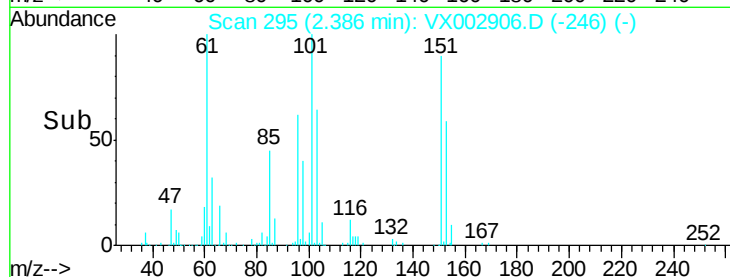
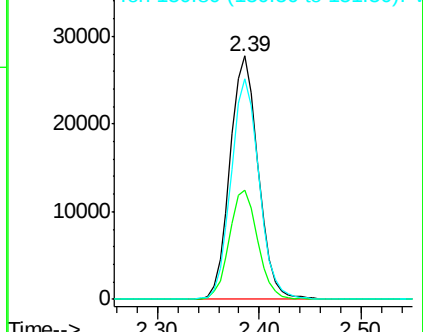
151 89.9 70.9 106.3



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: 20.32 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

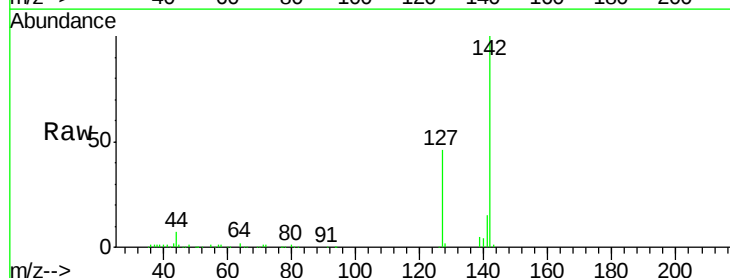
Tgt Ion:142 Resp: 46566

Ion Ratio Lower Upper

142 100

127 45.6 36.6 55.0

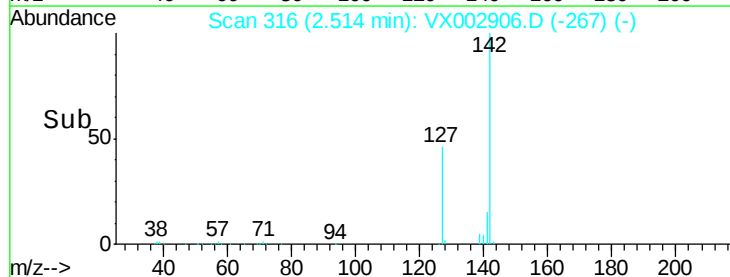
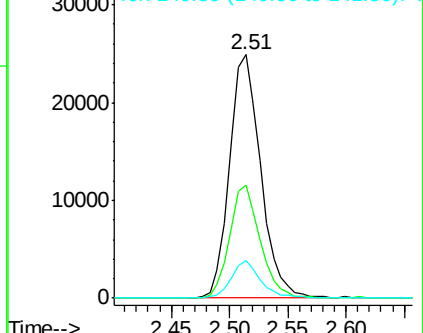
141 14.5 11.3 16.9

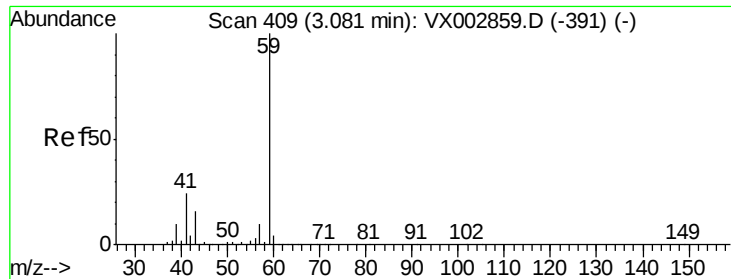


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

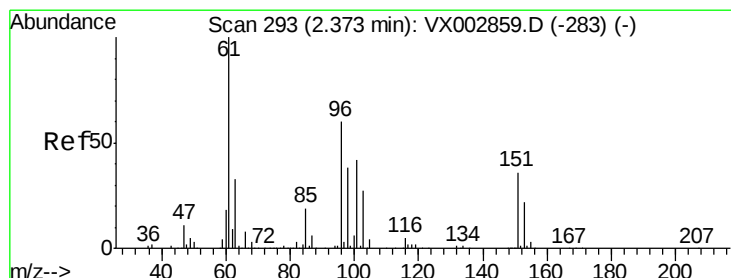
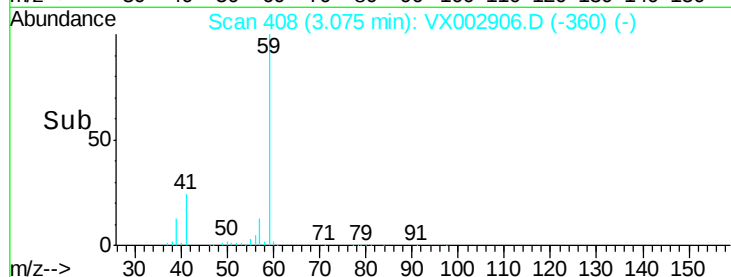
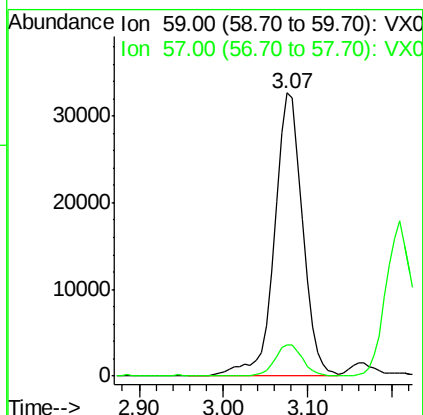
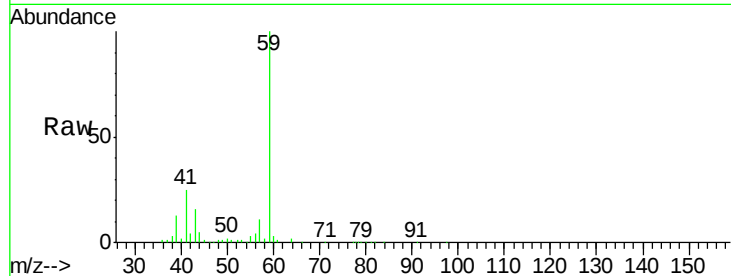




#11
Tert butyl alcohol
Concen: 106.66 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

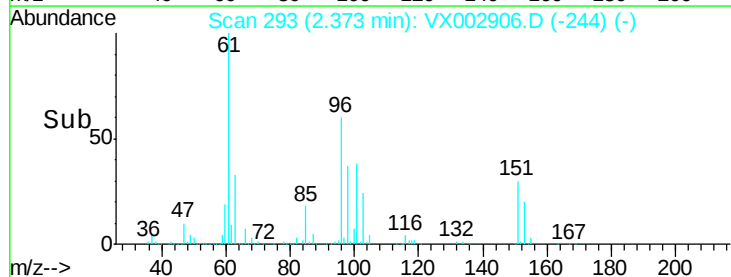
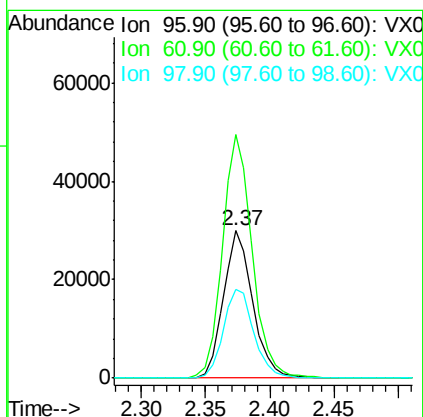
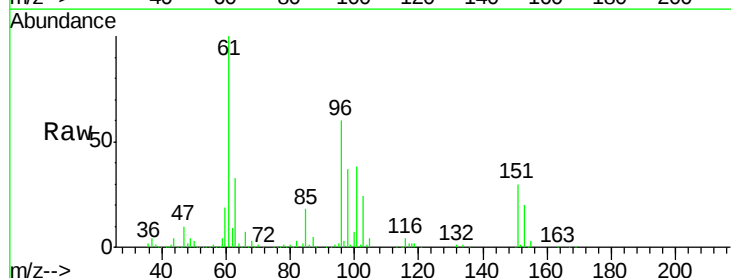
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 75777
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.83 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion: 96 Resp: 47921
Ion Ratio Lower Upper
96 100
61 165.3 137.9 206.9
98 60.3 51.6 77.4





#13

Acrolein

Concen: 126.79 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

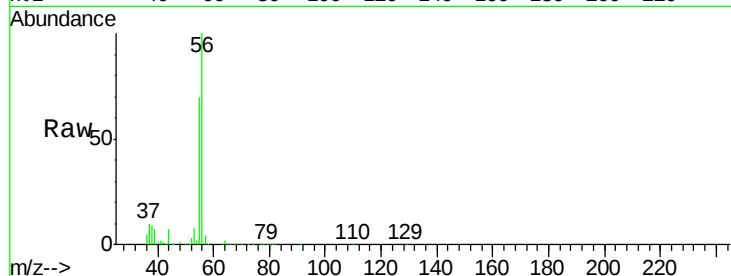
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 49104

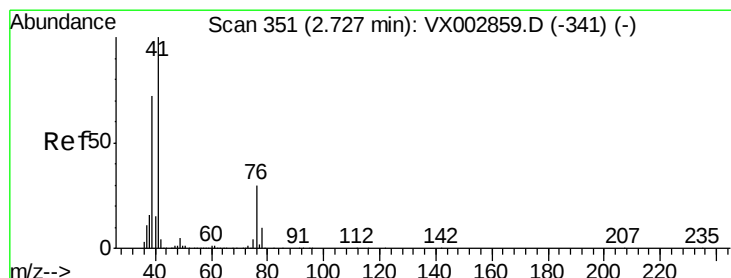
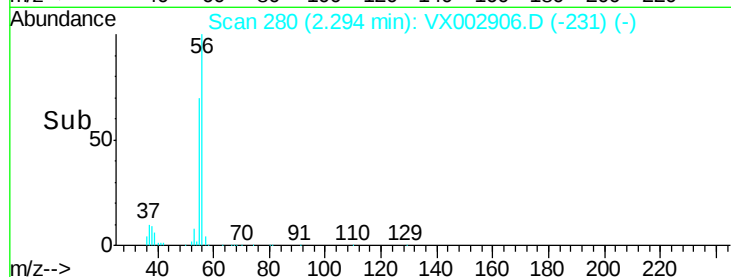
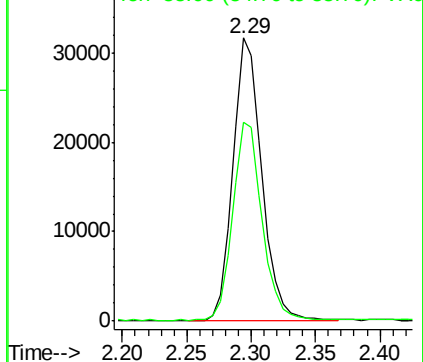
Ion Ratio Lower Upper

56 100

55 71.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.93 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

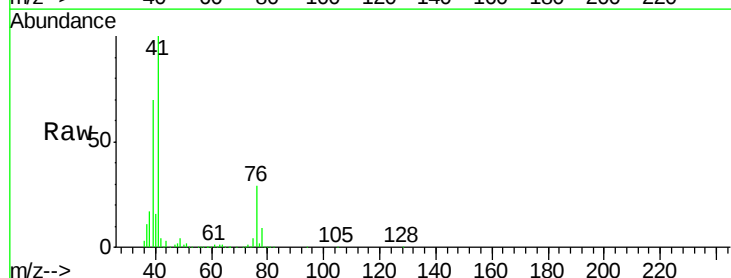
Tgt Ion: 41 Resp: 99951

Ion Ratio Lower Upper

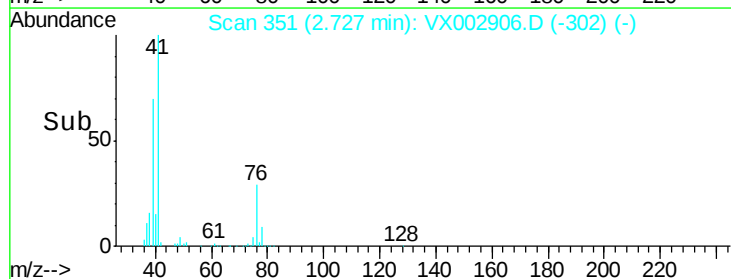
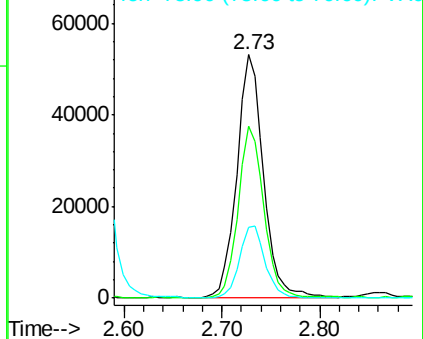
41 100

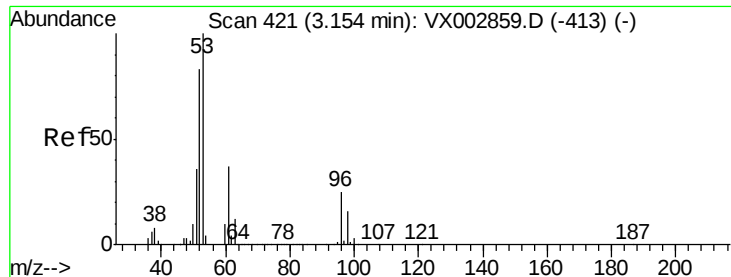
39 67.7 56.8 85.2

76 28.6 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 102.13 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :

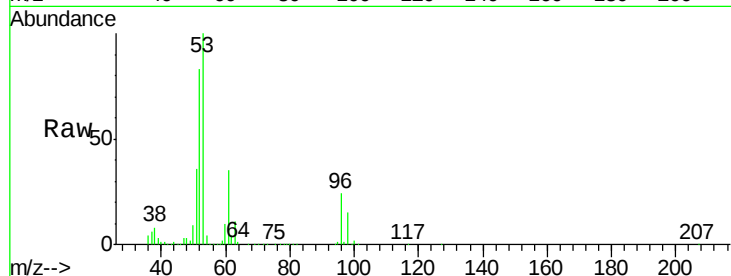
Tot Ion: 53 Resp: 154981

Ion Ratio Lower Upper

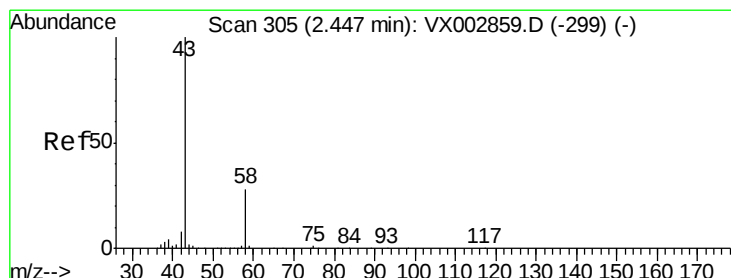
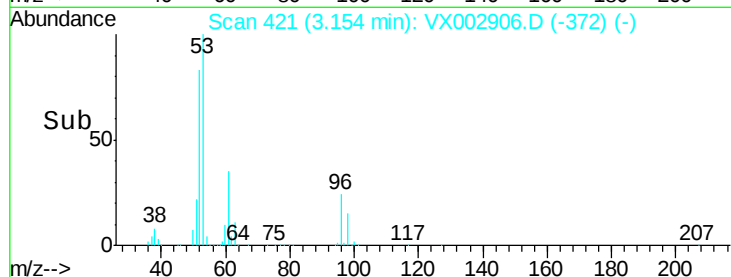
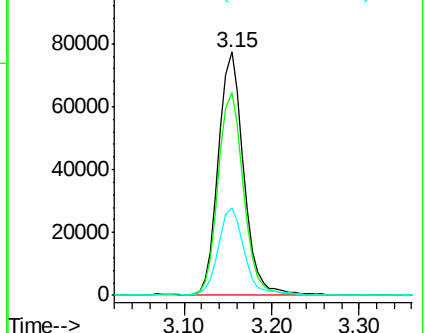
53 100

52 83.6 66.7 100.1

51 36.9 29.9 44.9



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



#16

Acetone

Concen: 98.53 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX002906.D

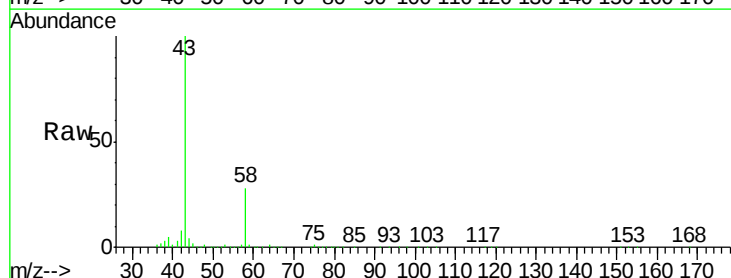
Acq: 26 Jun 2018 21:04

Tgt Ion: 43 Resp: 145524

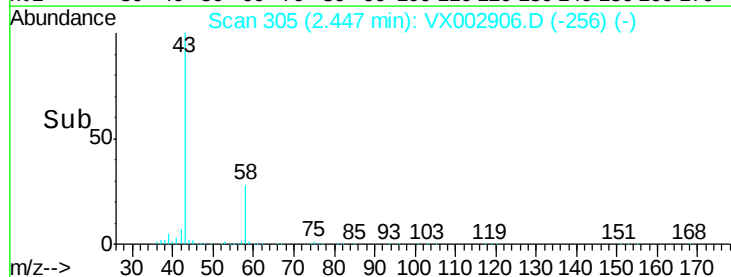
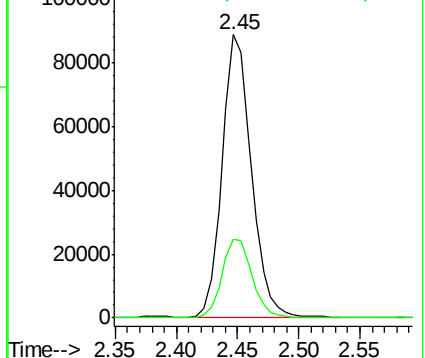
Ion Ratio Lower Upper

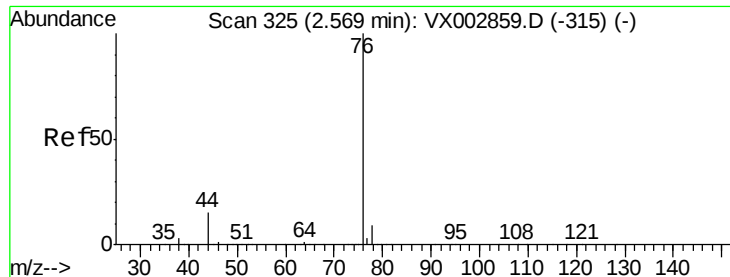
43 100

58 27.8 22.1 33.1



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

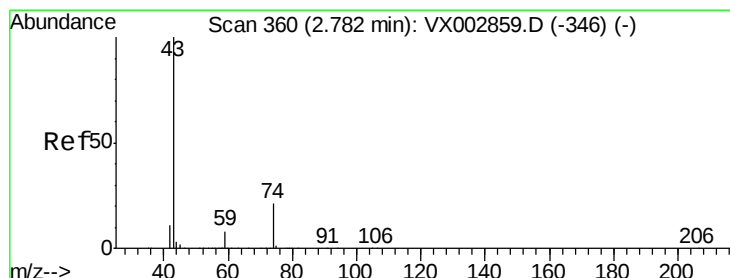
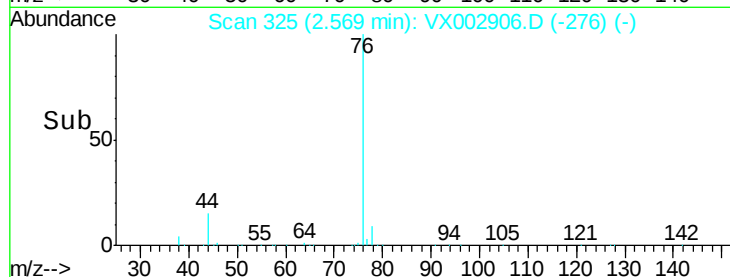
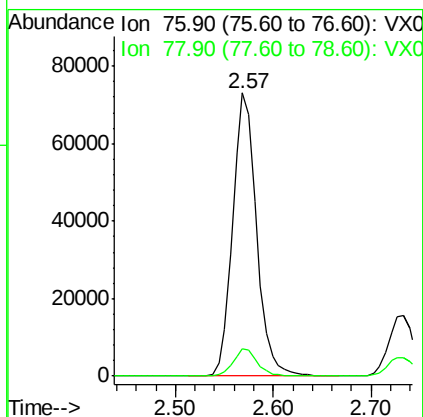
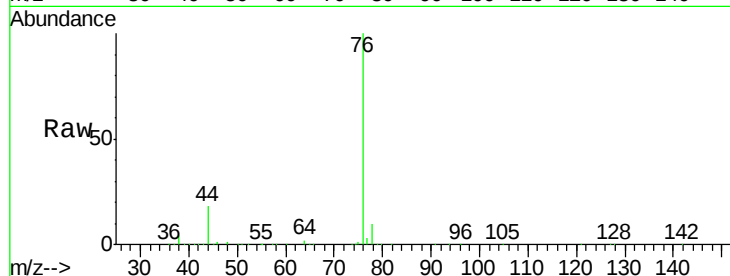




#17
Carbon Disulfide
Concen: 18.25 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

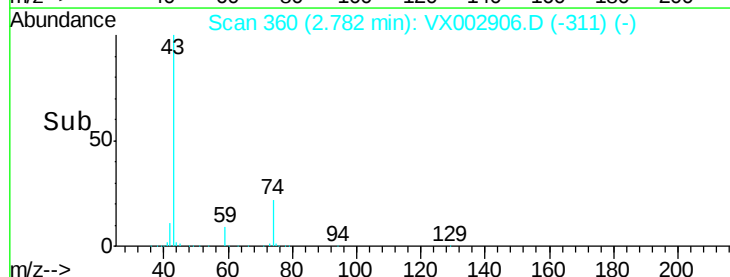
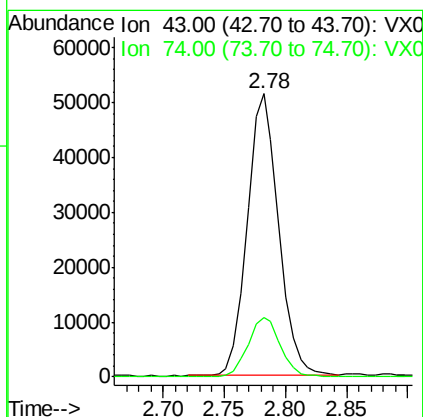
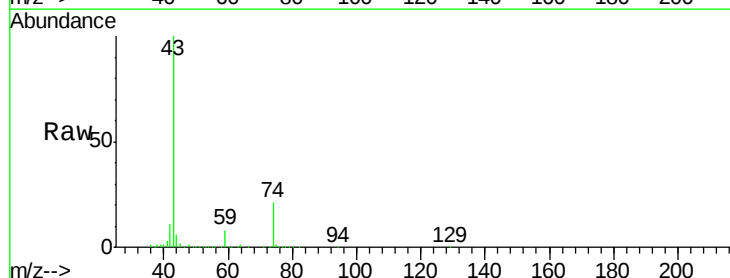
Instrument :
MSVOA_X
ClientSampleId :

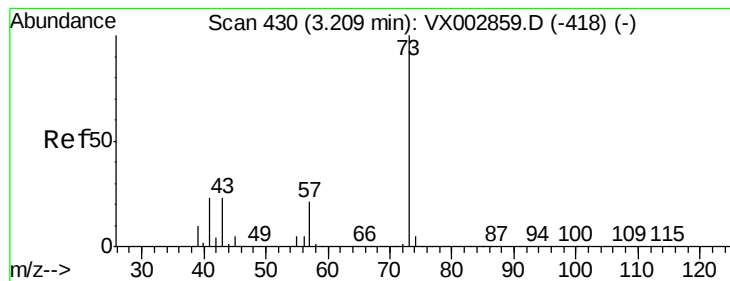
Tot Ion: 76 Resp: 123707
Ion Ratio Lower Upper
76 100
78 9.5 6.9 10.3



#18
Methyl Acetate
Concen: 22.19 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion: 43 Resp: 91635
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1



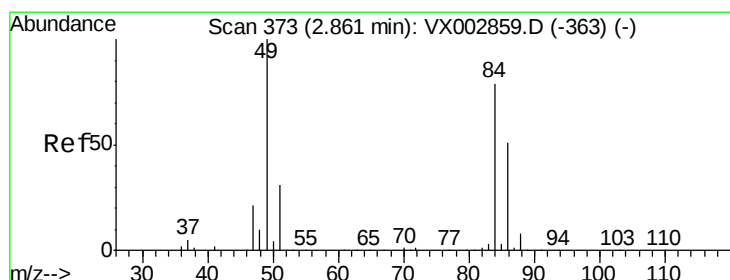
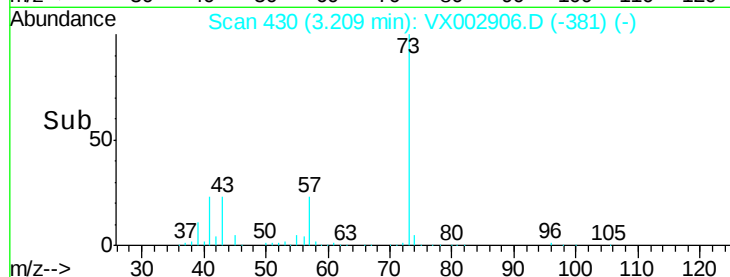
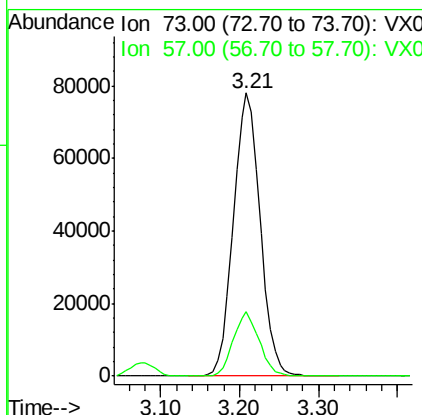
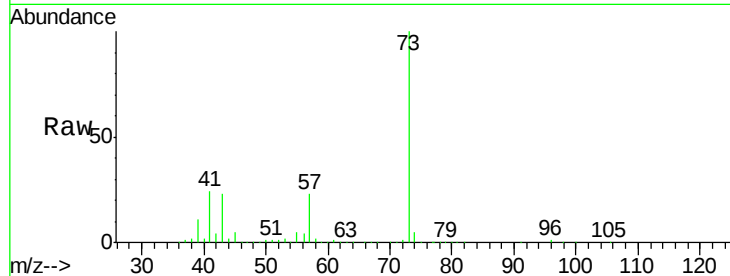


#19

Methyl tert-butyl Ether
 Concen: 20.14 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleID :

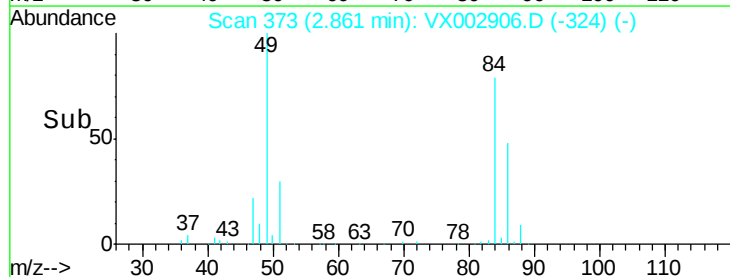
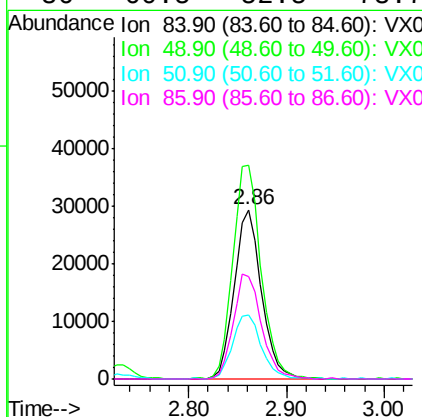
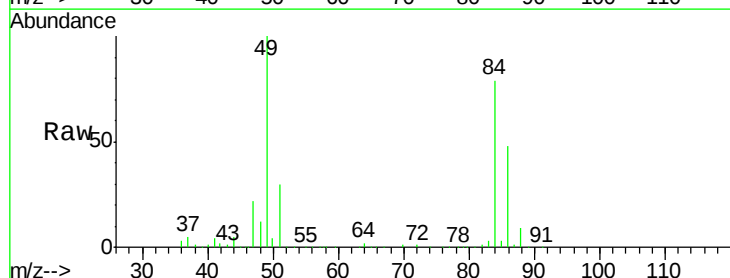
Tot Ion: 73 Resp: 184232
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.7 26.5

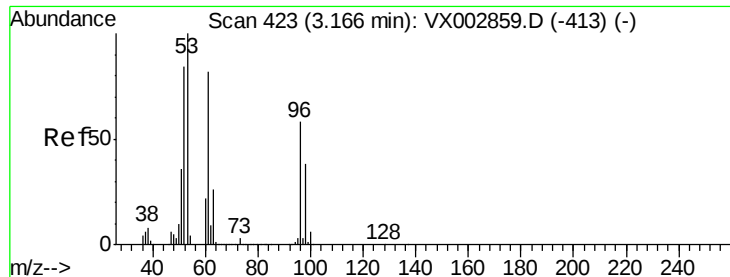


#20

Methylene Chloride
 Concen: 19.77 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion: 84 Resp: 56833
 Ion Ratio Lower Upper
 84 100
 49 126.1 107.8 161.6
 51 37.6 32.8 49.2
 86 60.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.91 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :

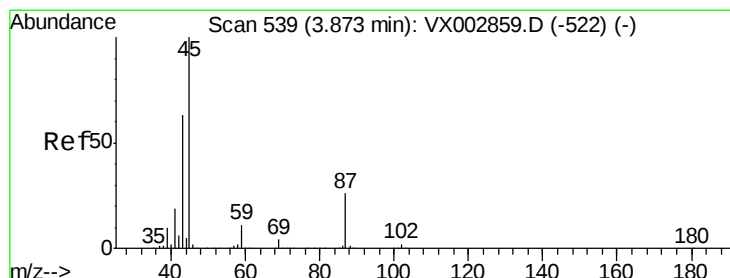
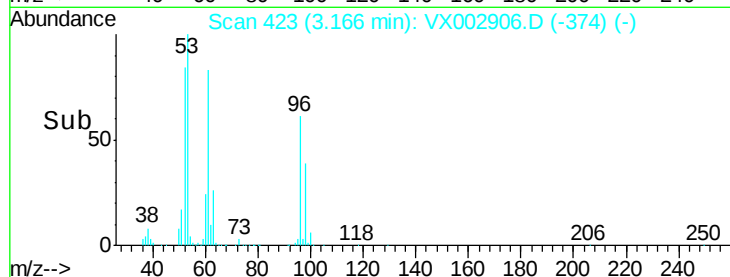
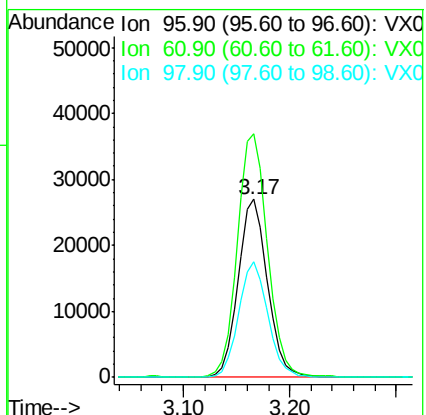
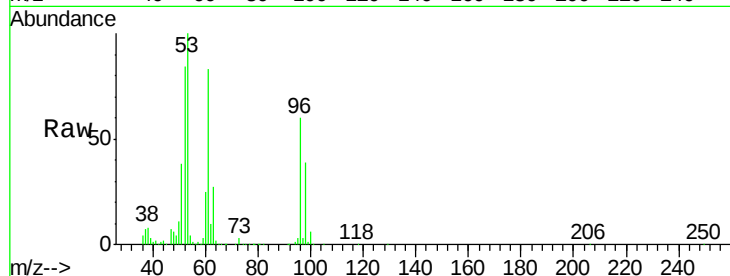
Tot Ion: 96 Resp: 52401

Ion Ratio Lower Upper

96 100

61 136.7 117.0 175.4

98 65.1 52.4 78.6



#22

Diisopropyl ether

Concen: 20.07 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Tgt Ion: 45 Resp: 192412

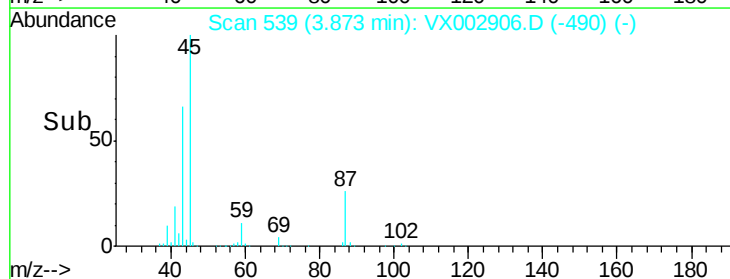
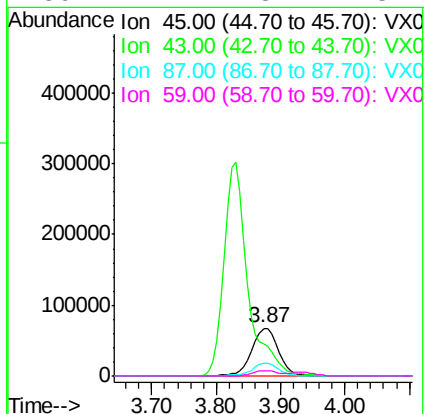
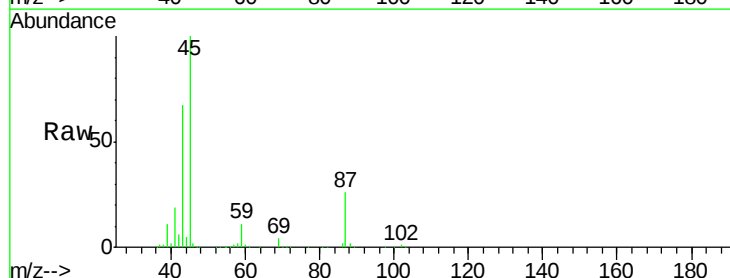
Ion Ratio Lower Upper

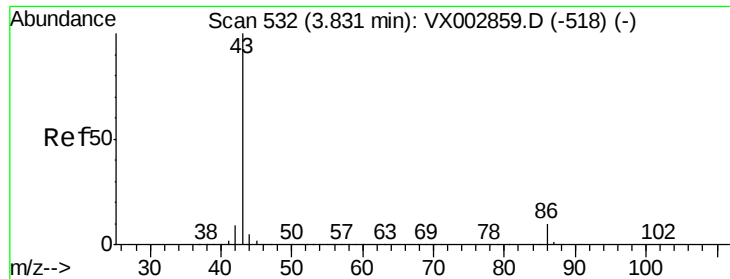
45 100

43 66.3 46.8 70.2

87 26.4 20.2 30.4

59 11.4 8.7 13.1





#23

Vinyl Acetate

Concen: 98.01 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

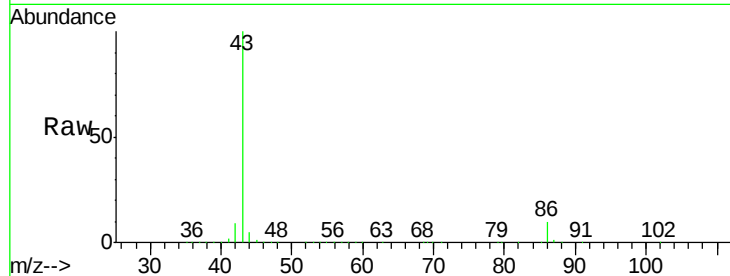
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 795755

Ion Ratio Lower Upper

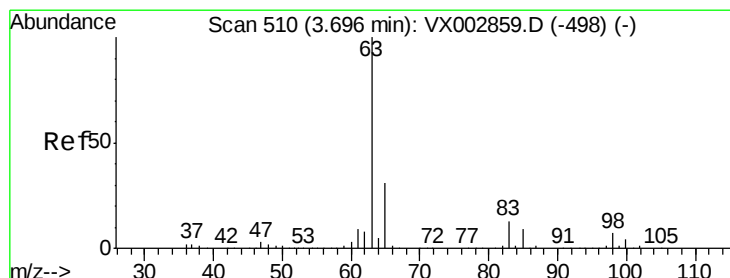
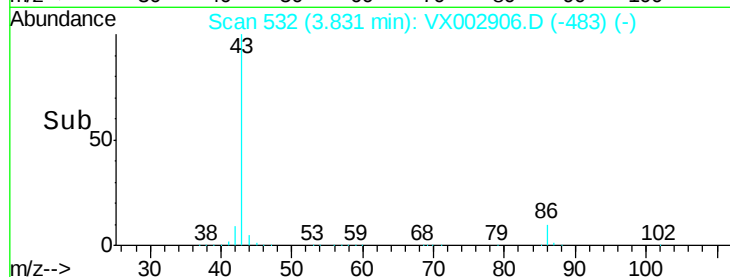
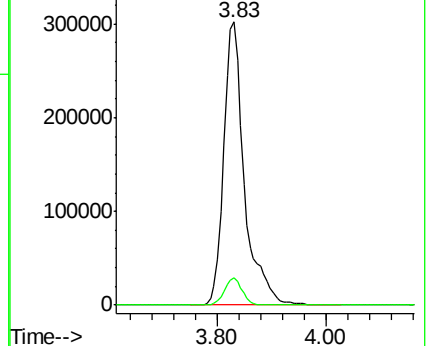
43 100

86 9.5 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.77 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

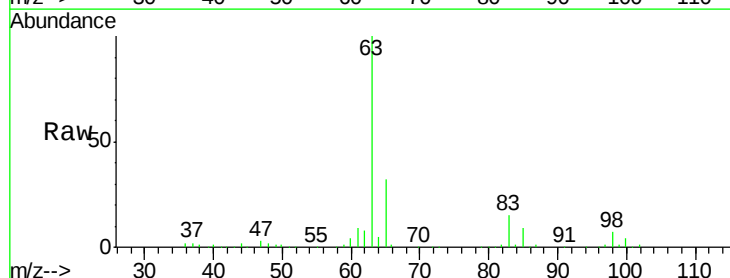
Tgt Ion: 63 Resp: 103018

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

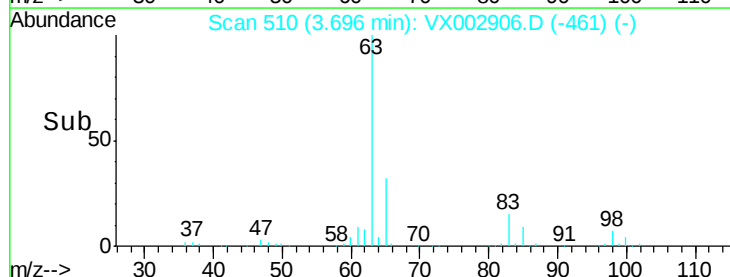
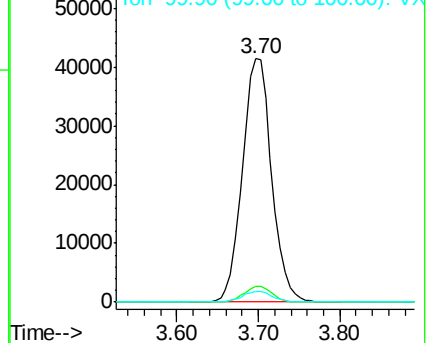
100 4.4 2.0 6.0

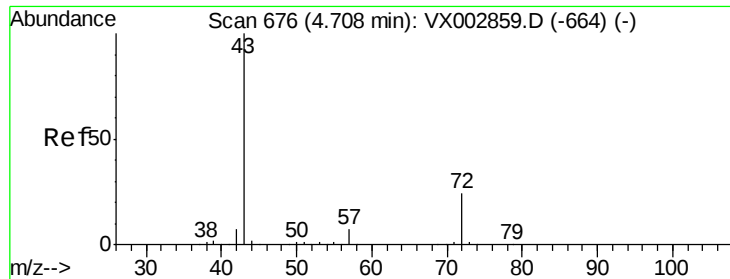


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.21 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

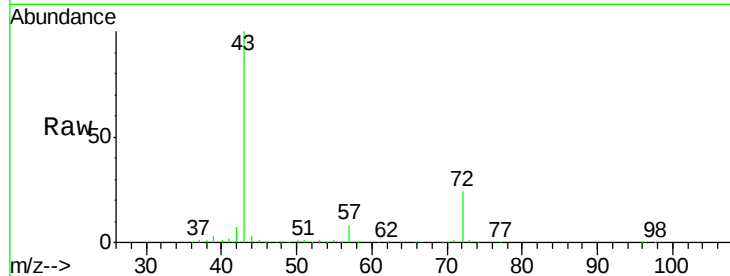
ClientSampled :

Tot Ion: 43 Resp: 224040

Ion Ratio Lower Upper

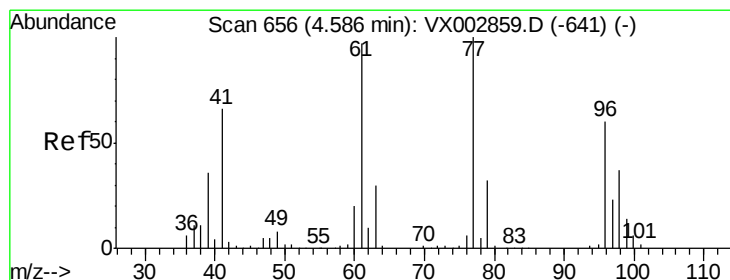
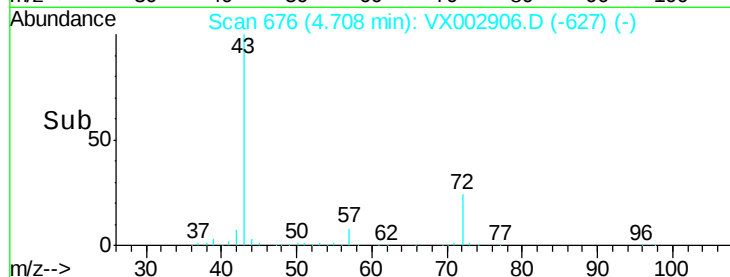
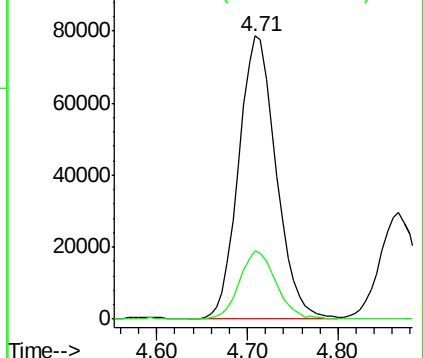
43 100

72 24.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.34 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX002906.D

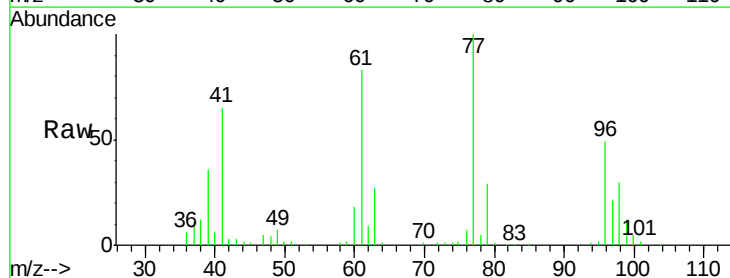
Acq: 26 Jun 2018 21:04

Tgt Ion: 77 Resp: 69263

Ion Ratio Lower Upper

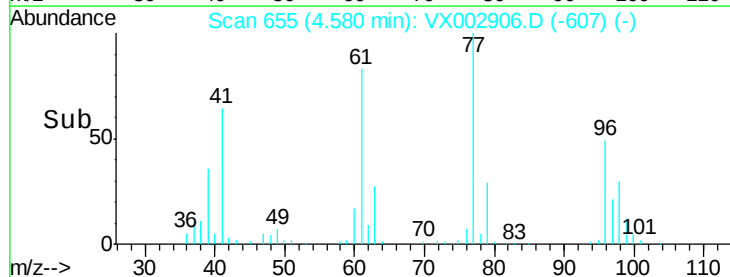
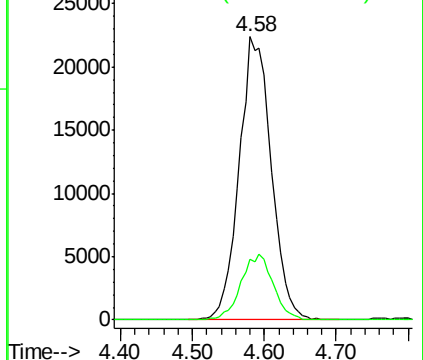
77 100

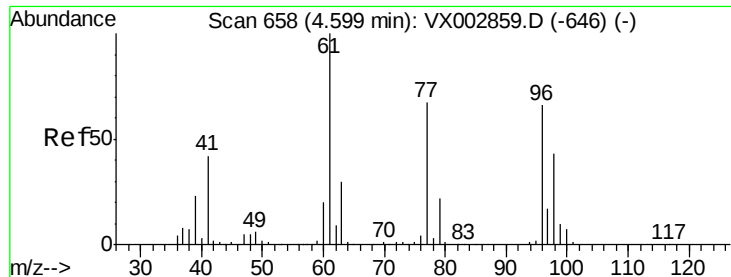
97 23.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.36 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

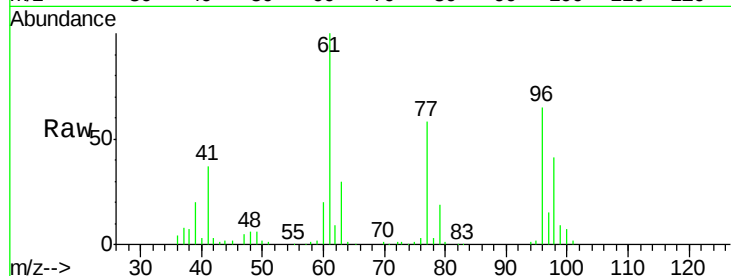
Tot Ion: 96 Resp: 60175

Ion Ratio Lower Upper

96 100

61 165.0 0.0 330.2

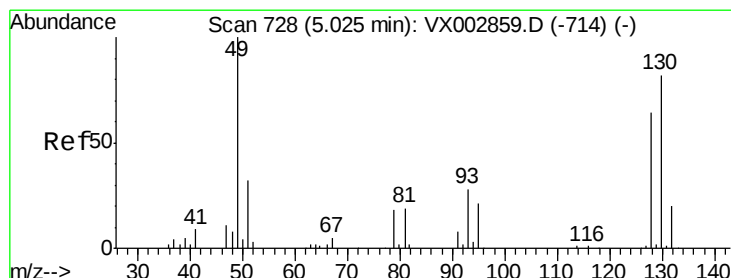
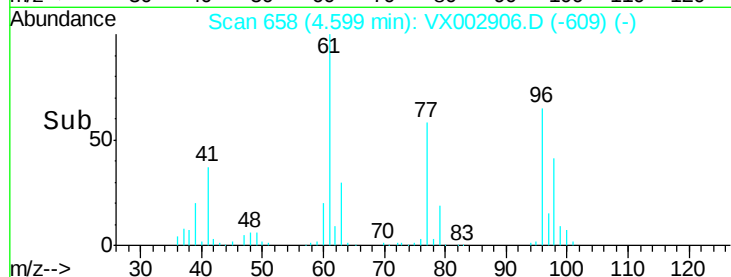
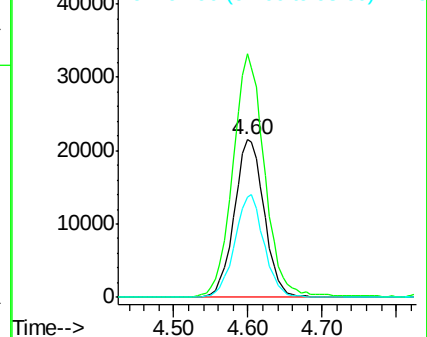
98 64.0 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.29 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

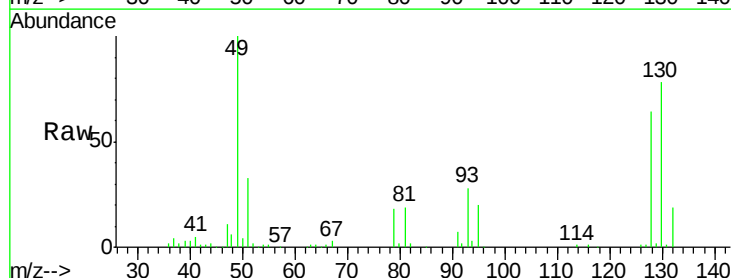
Tgt Ion: 49 Resp: 50619

Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.2

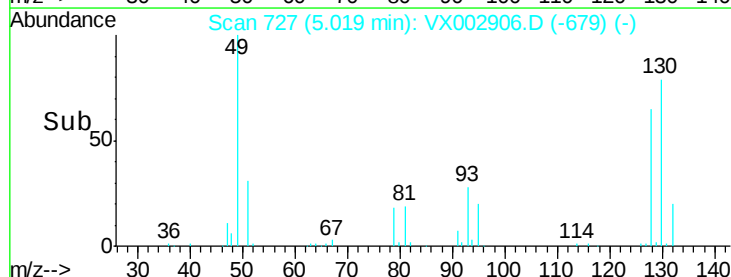
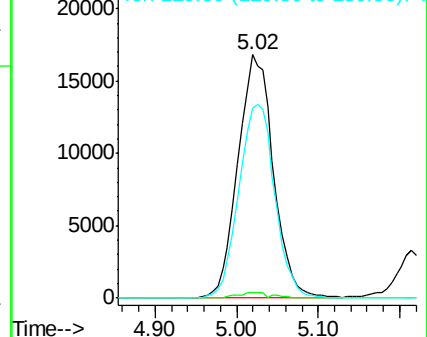
130 80.7 61.2 91.8

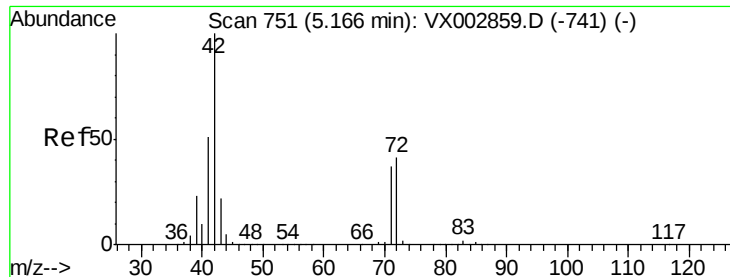


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.54 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

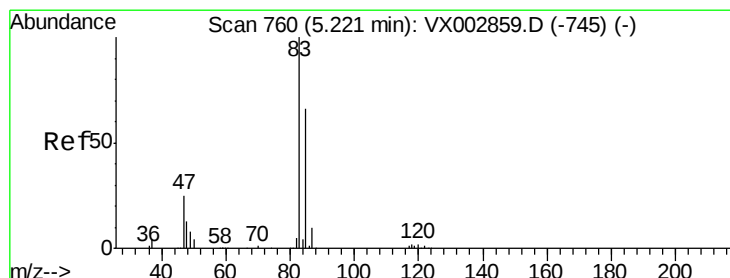
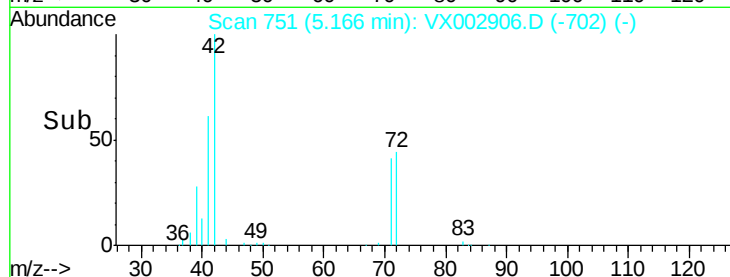
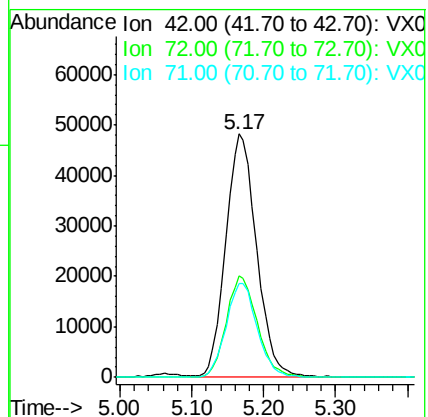
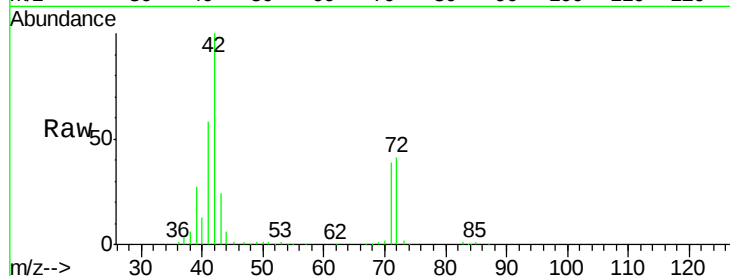
Tot Ion: 42 Resp: 142722

Ion Ratio Lower Upper

42 100

72 42.2 32.0 48.0

71 39.3 30.1 45.1



#30

Chloroform

Concen: 20.00 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002906.D

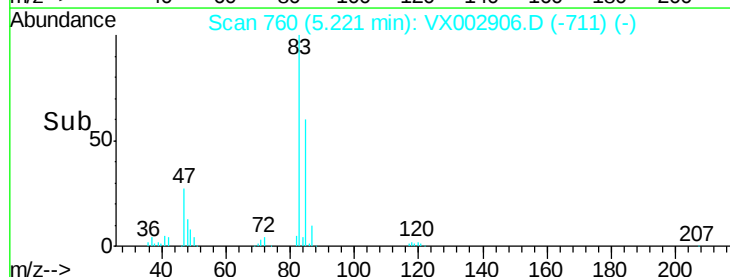
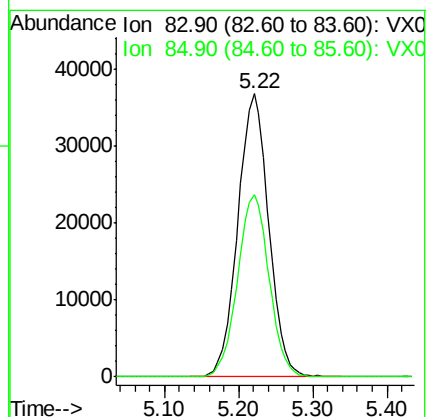
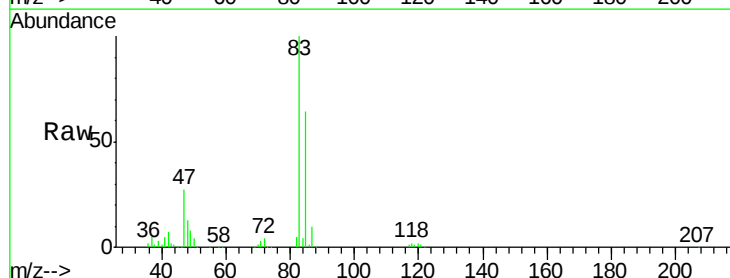
Acq: 26 Jun 2018 21:04

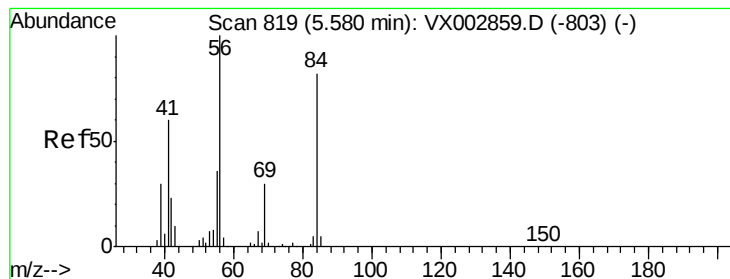
Tgt Ion: 83 Resp: 106972

Ion Ratio Lower Upper

83 100

85 64.2 50.4 75.6





#31

Cyclohexane

Concen: 18.48 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampled :

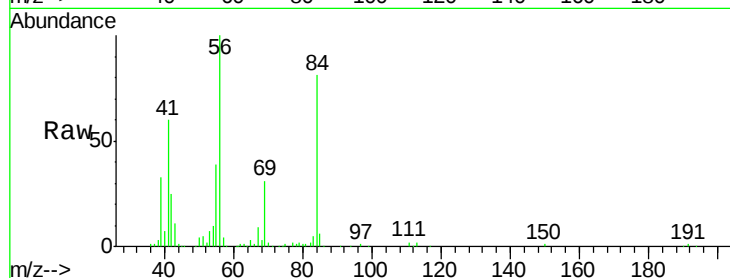
Tot Ion: 56 Resp: 82648

Ion Ratio Lower Upper

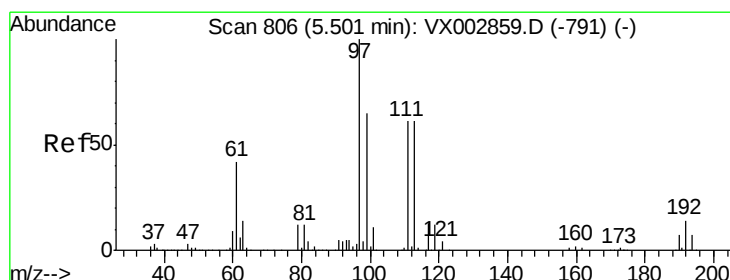
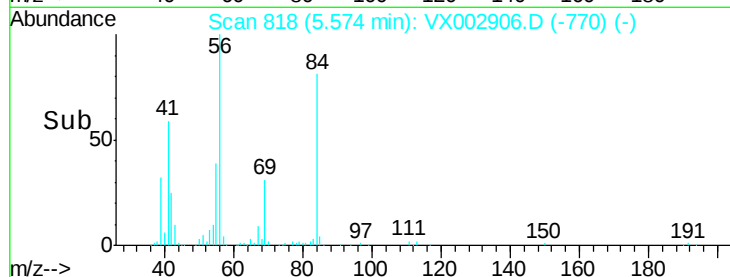
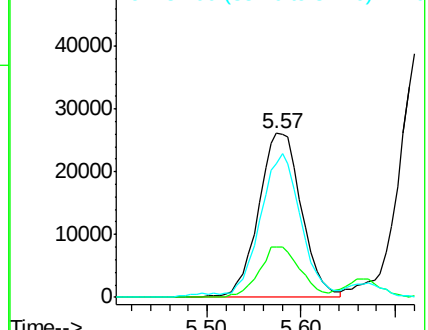
56 100

69 31.1 23.7 35.5

84 79.2 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: 19.79 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

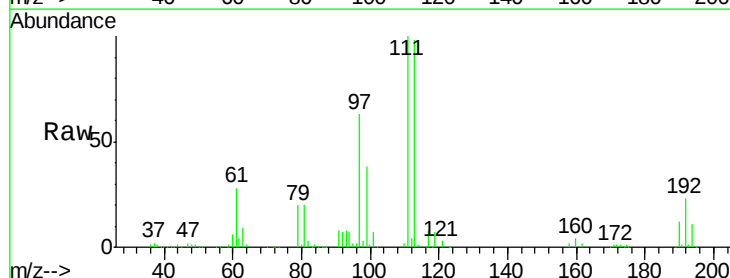
Tgt Ion: 97 Resp: 93112

Ion Ratio Lower Upper

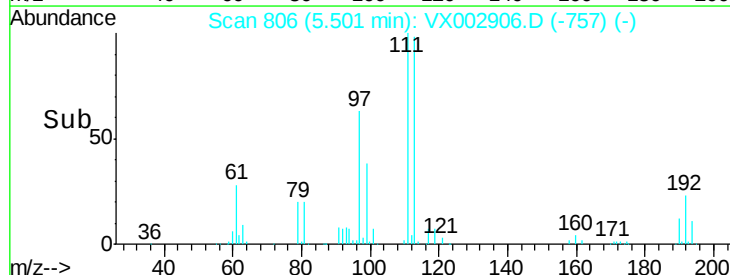
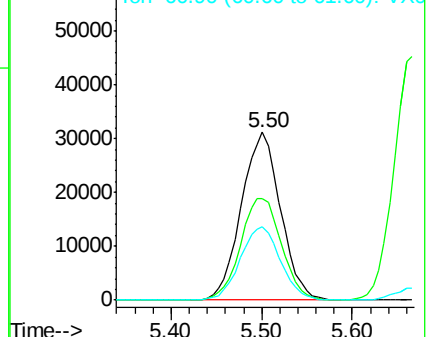
97 100

99 63.5 51.6 77.4

61 45.0 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

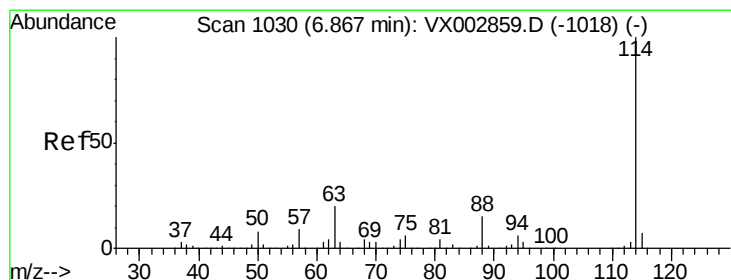
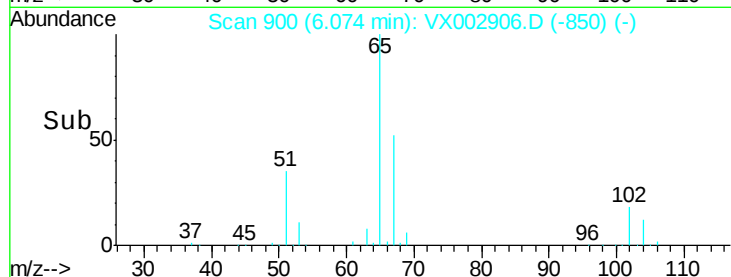
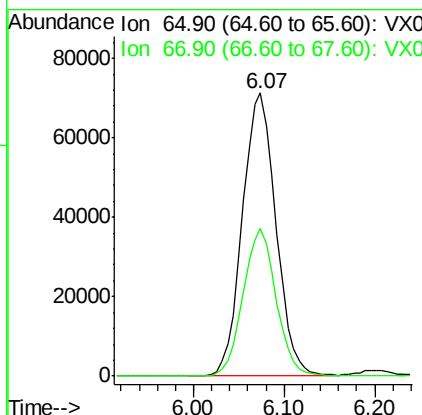
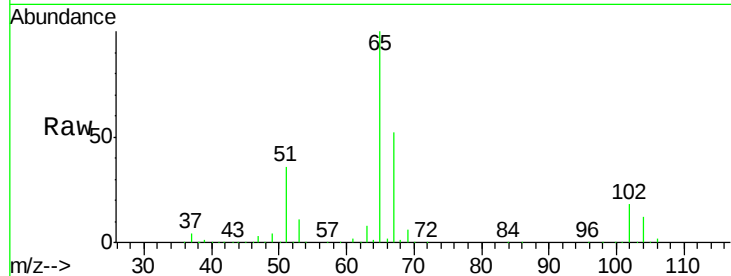




#33
 1,2-Dichloroethane-d4
 Concen: 51.33 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

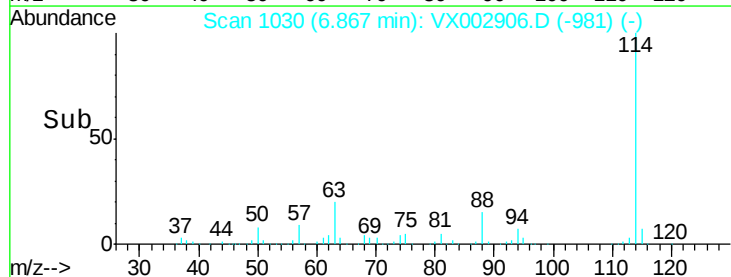
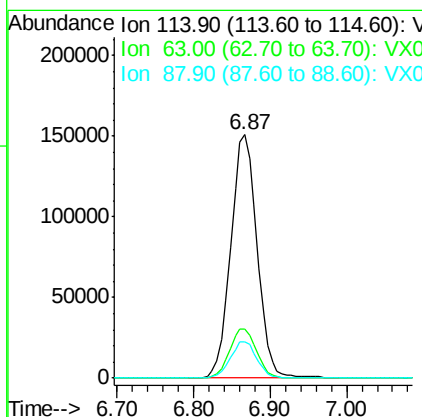
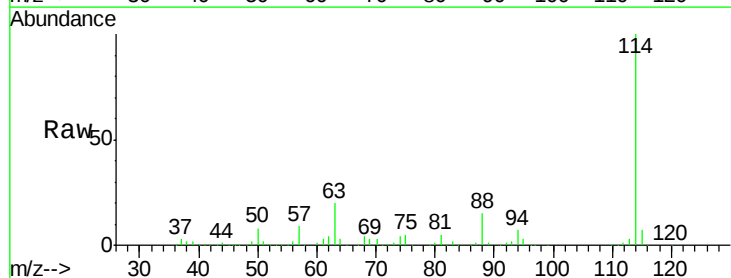
Instrument :
 MSVOA_X
 ClientSampleId :

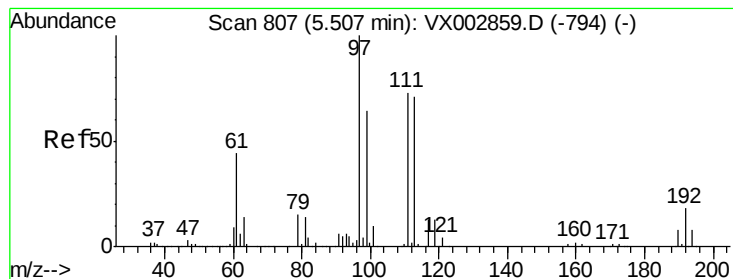
Tot Ion: 65 Resp: 183081
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion: 114 Resp: 359691
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.68 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

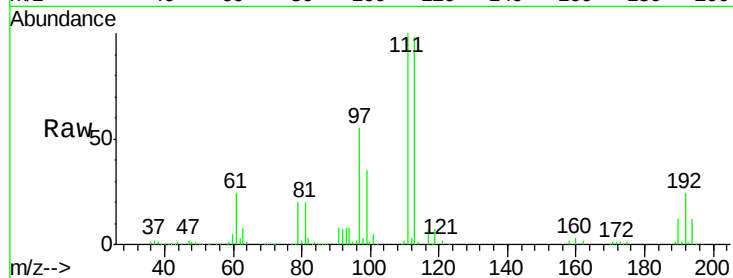
Tot Ion:113 Resp: 144361

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

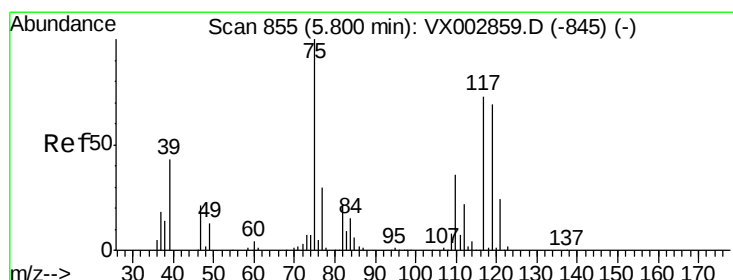
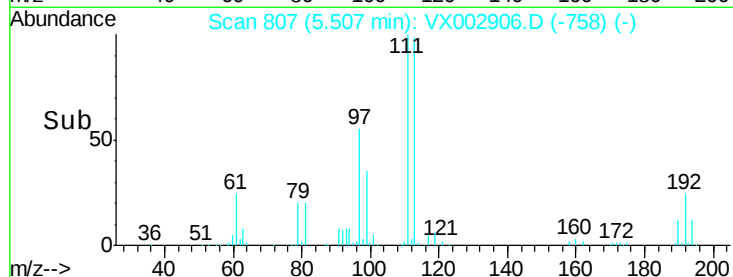
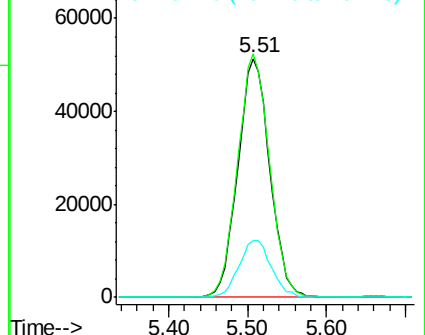
192 24.2 19.1 28.7



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: 18.79 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

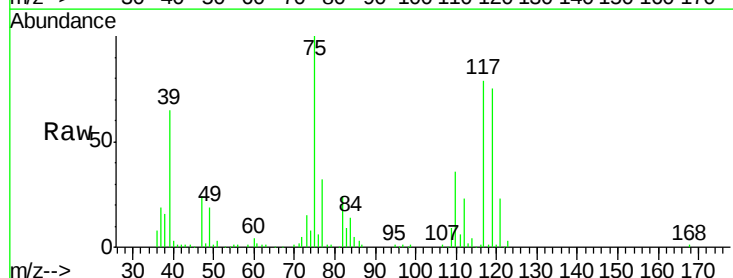
Tgt Ion: 75 Resp: 74106

Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.4

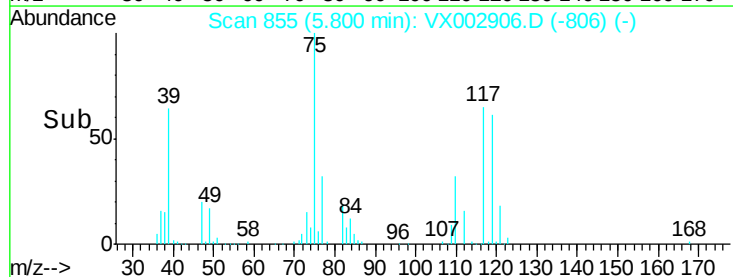
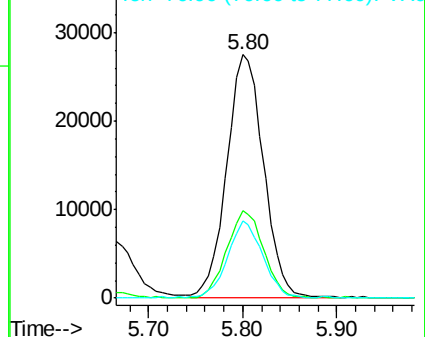
77 29.6 24.3 36.5

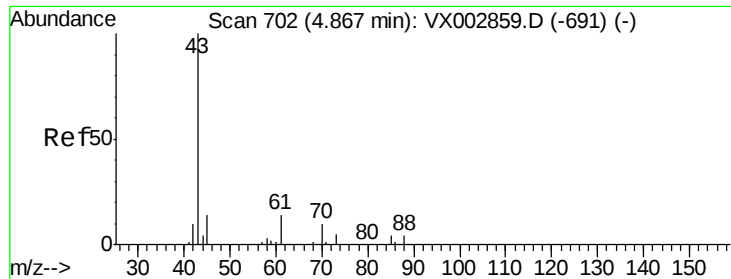


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

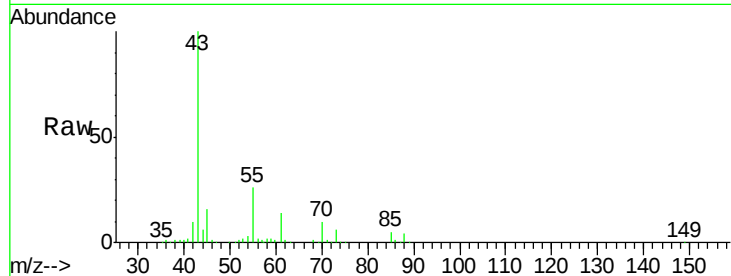




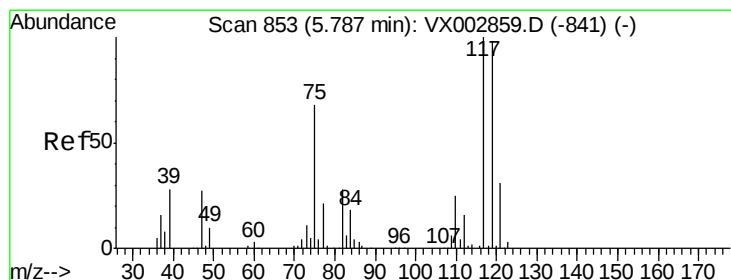
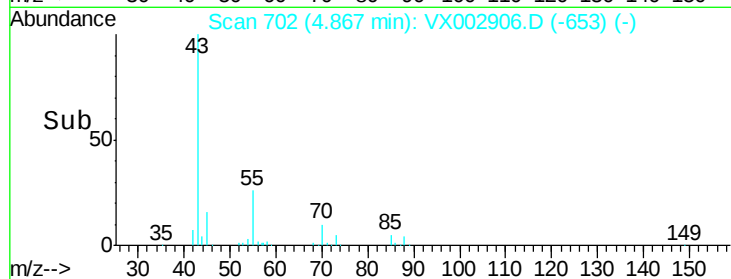
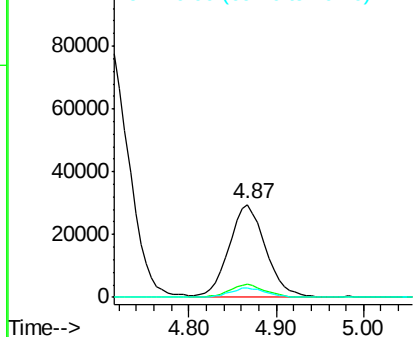
#37
Ethyl Acetate
Concen: 19.87 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 84379
Ion Ratio Lower Upper
43 100
61 13.1 10.4 15.6
70 10.2 7.6 11.4

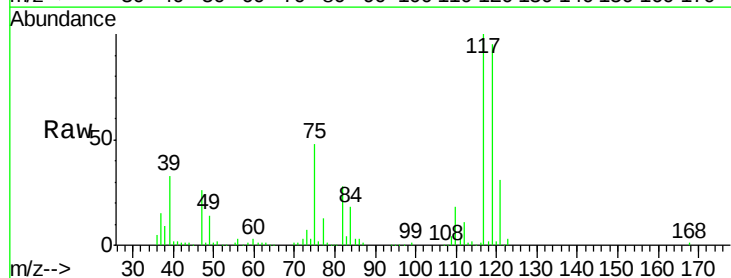


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

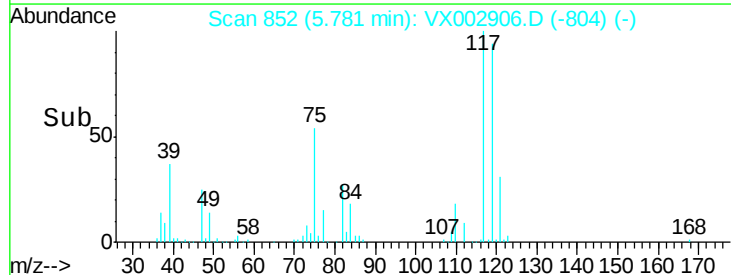
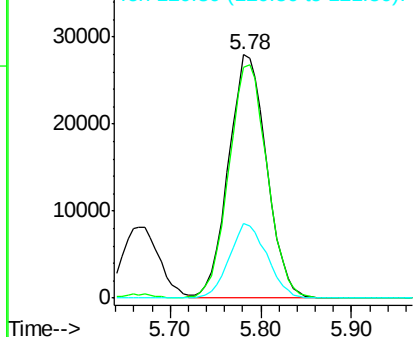


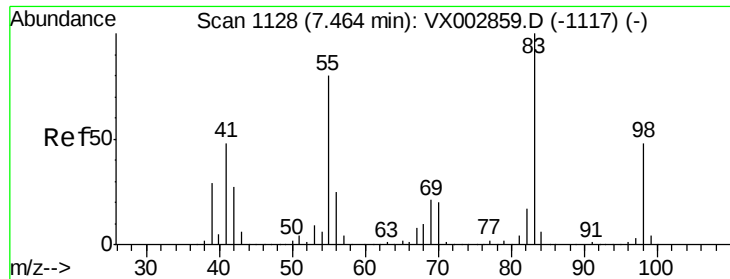
#38
Carbon Tetrachloride
Concen: 18.82 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion: 117 Resp: 81467
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.0
121 30.9 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

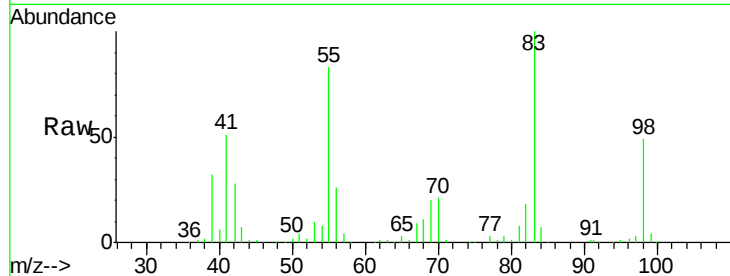




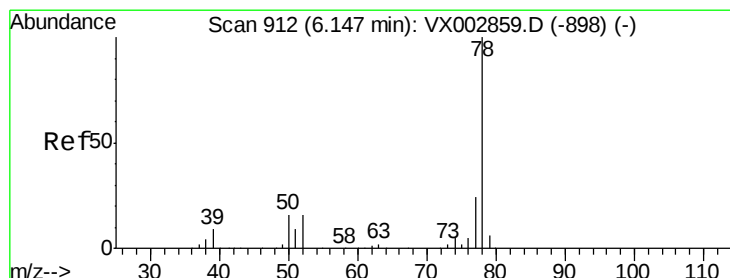
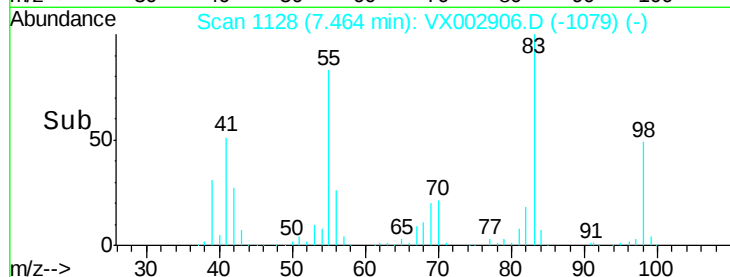
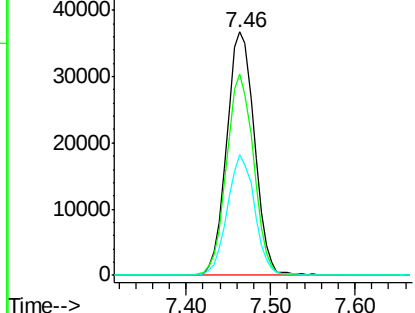
#39
Methvlcvclohexane
Concen: 17.80 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 81779
Ion Ratio Lower Upper
83 100
55 82.9 65.4 98.0
98 49.4 37.4 56.0

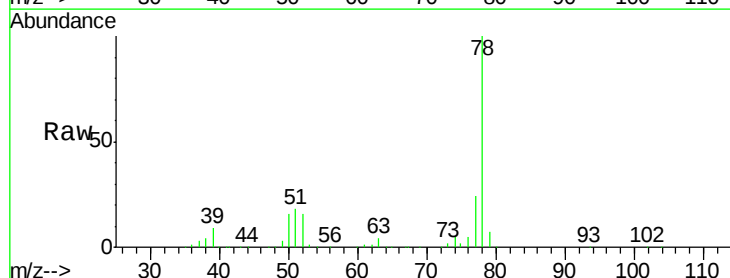


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

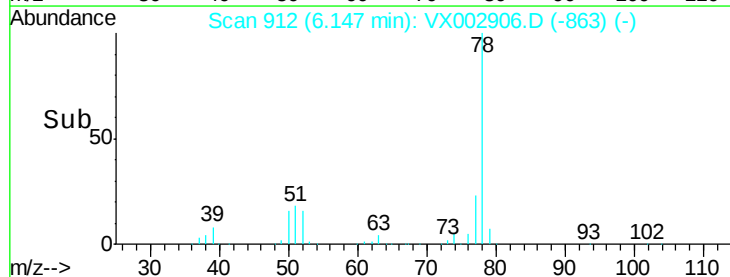
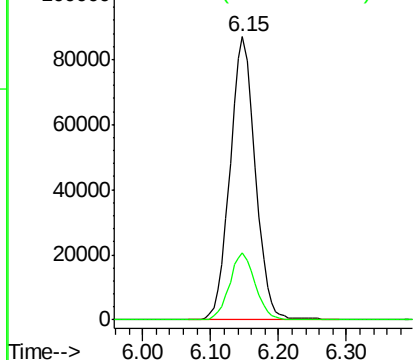


#40
Benzene
Concen: 19.54 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion: 78 Resp: 223932
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7



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

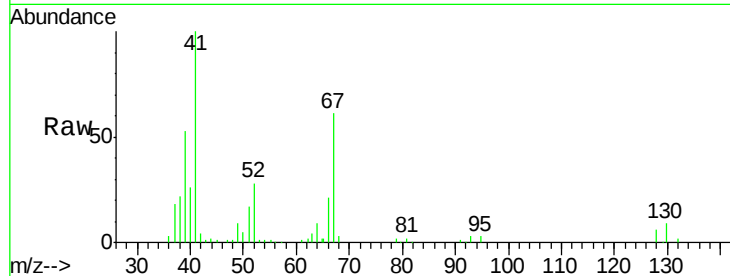




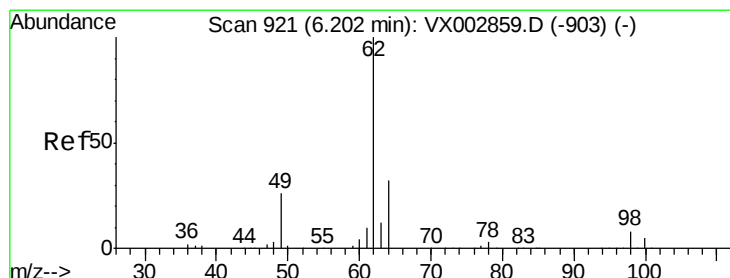
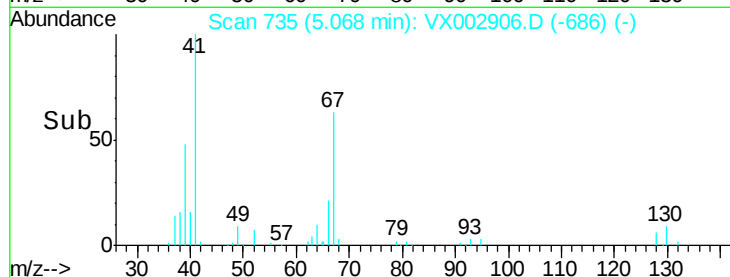
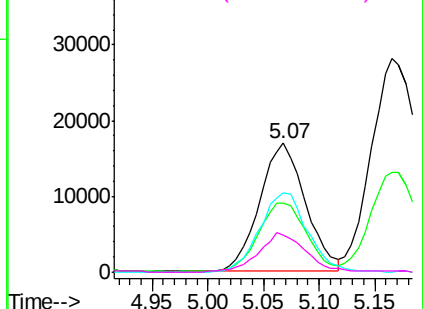
#41
Methacrylonitrile
Concen: 19.89 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	48653
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.8	68.6
67	65.0	51.3	76.9
52	30.6	23.0	34.6

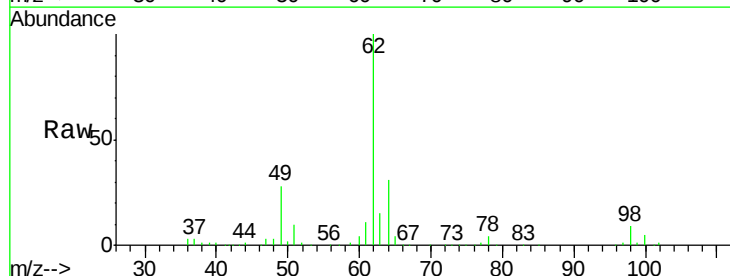


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

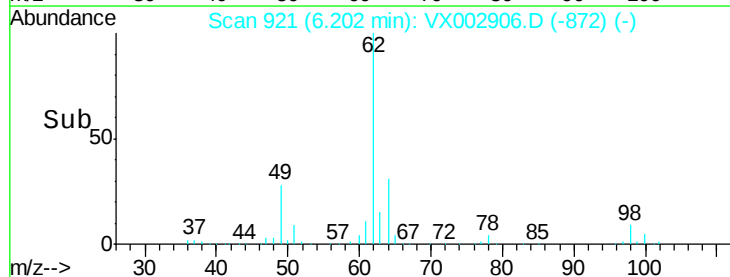
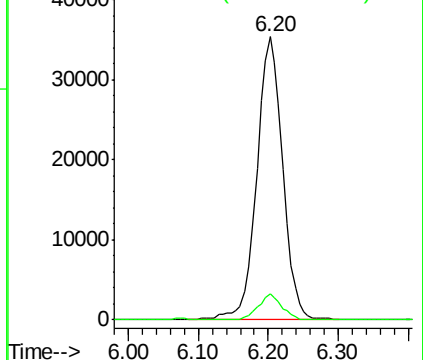


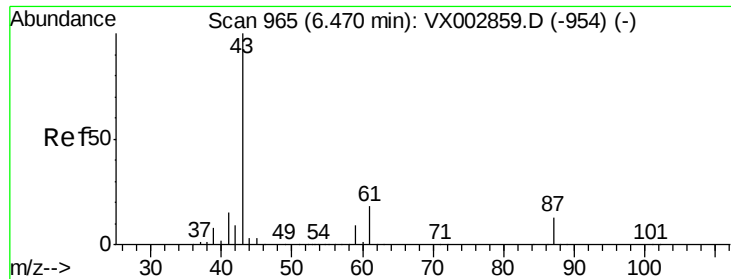
#42
1,2-Dichloroethane
Concen: 19.62 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion:	62	Resp:	90838
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



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



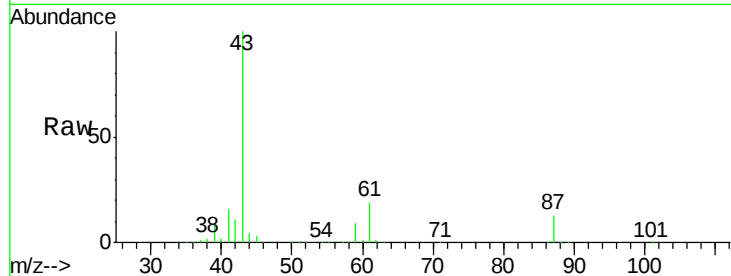


#43

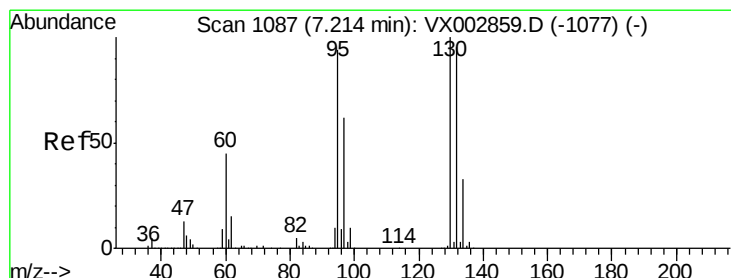
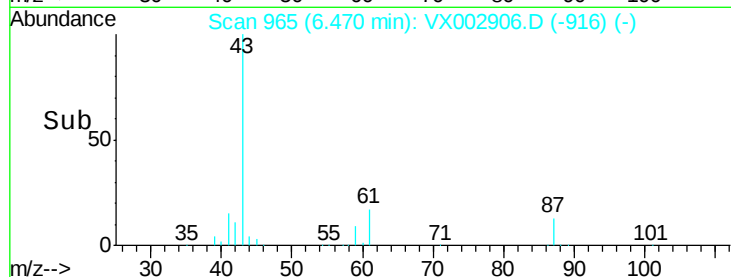
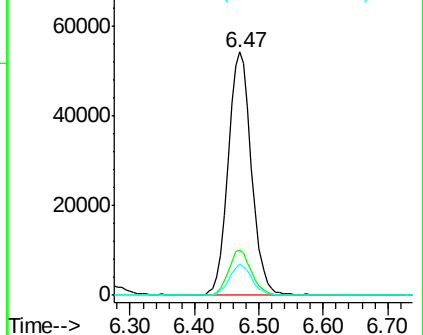
Isopropyl Acetate
 Concen: 19.46 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 138622
 Ion Ratio Lower Upper
 43 100
 61 18.2 14.4 21.6
 87 12.4 9.5 14.3



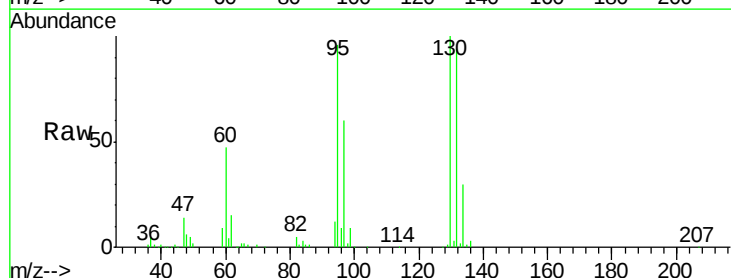
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



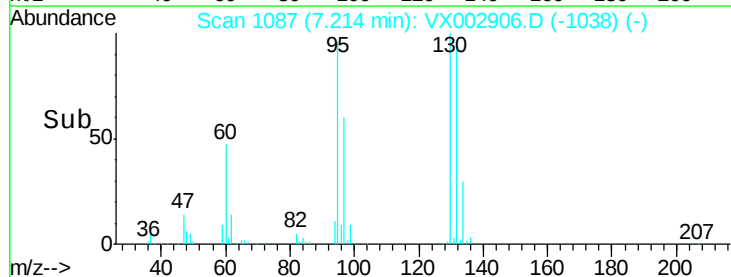
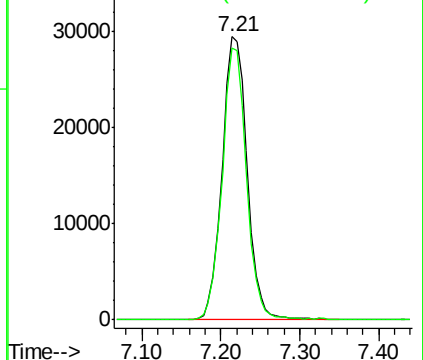
#44

Trichloroethene
 Concen: 19.15 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion:130 Resp: 65421
 Ion Ratio Lower Upper
 130 100
 95 96.2 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: 19.45 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

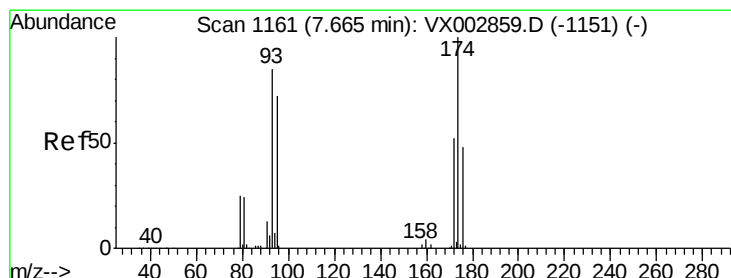
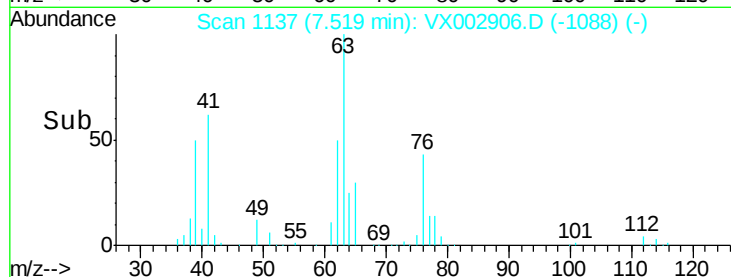
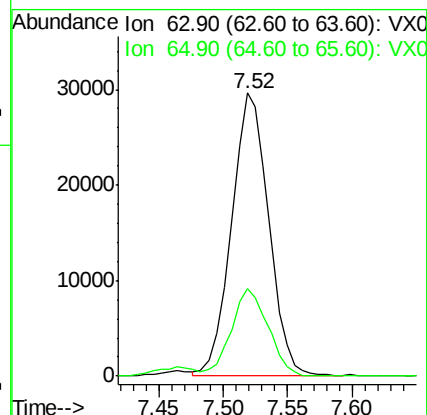
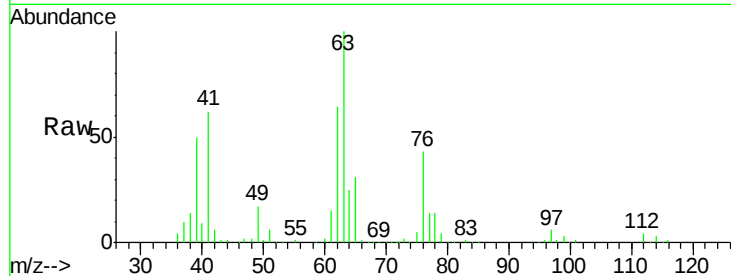
ClientSampleId :

Tot Ion: 63 Resp: 59131

Ion Ratio Lower Upper

63 100

65 31.0 24.7 37.1



#46

Dibromomethane

Concen: 19.37 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

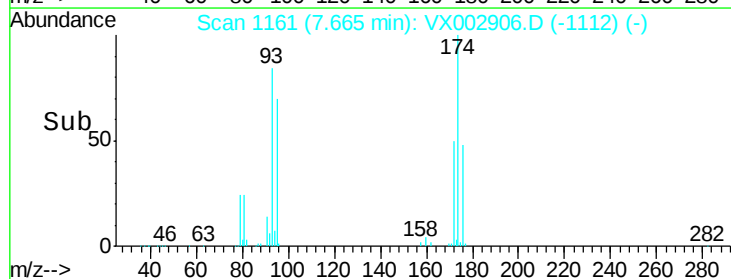
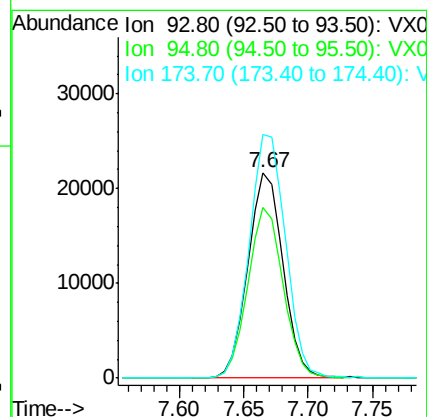
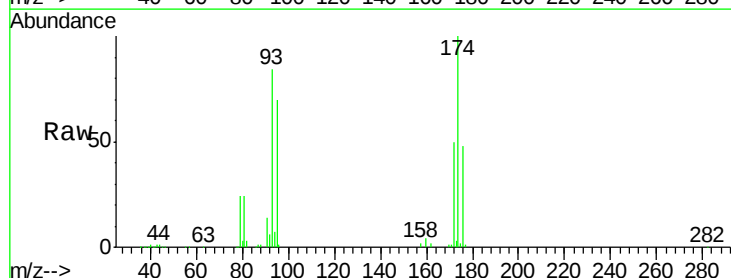
Tgt Ion: 93 Resp: 40870

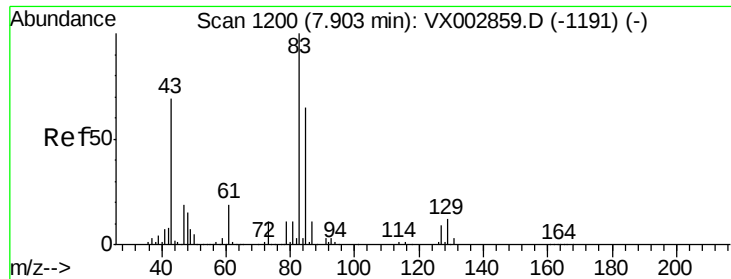
Ion Ratio Lower Upper

93 100

95 83.4 65.9 98.9

174 123.2 92.4 138.6





#47

Bromodichloromethane

Concen: 20.02 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :

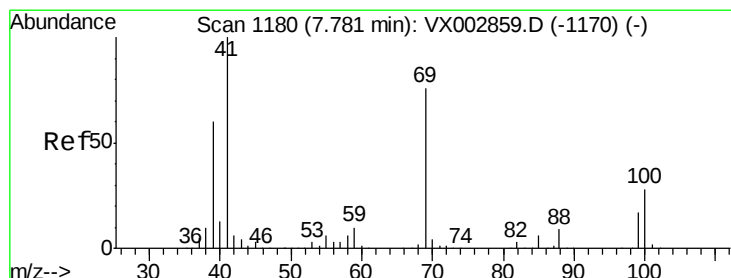
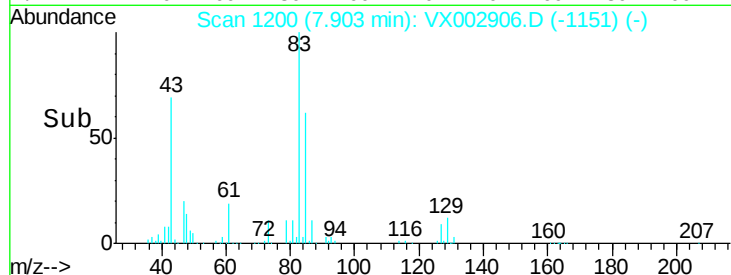
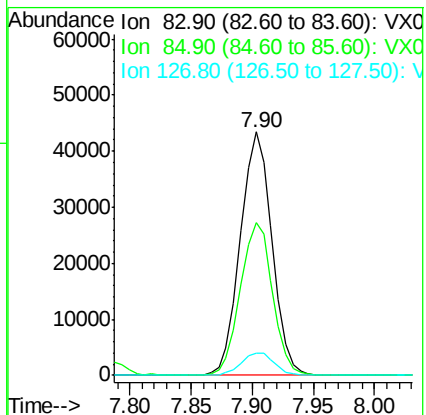
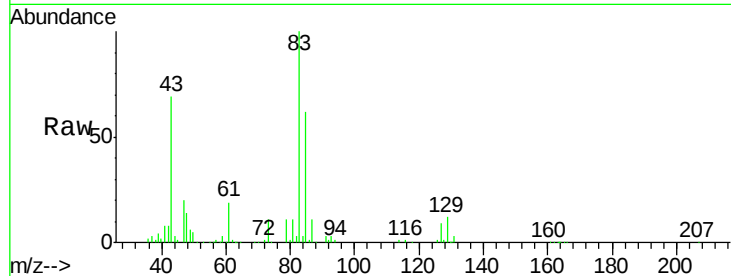
Tot Ion: 83 Resp: 78069

Ion Ratio Lower Upper

83 100

85 62.5 50.3 75.5

127 9.0 7.0 10.4



#48

Methyl methacrylate

Concen: 19.69 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

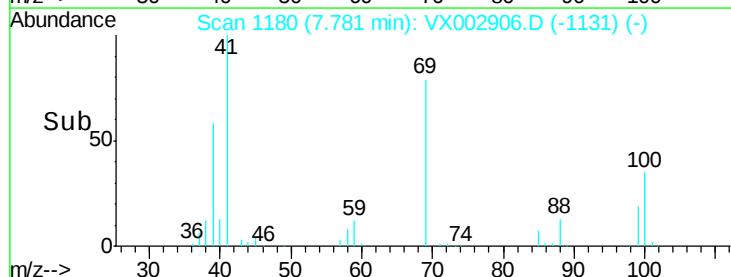
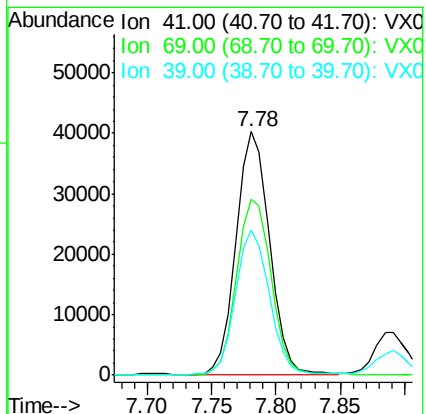
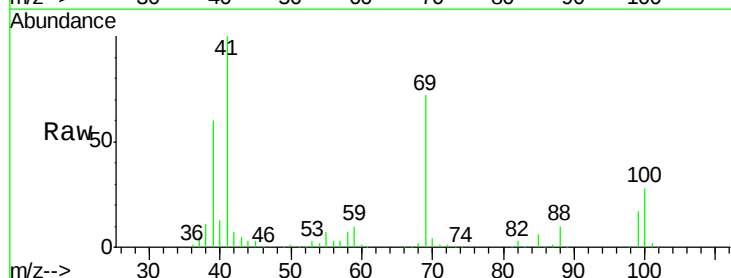
Tgt Ion: 41 Resp: 72280

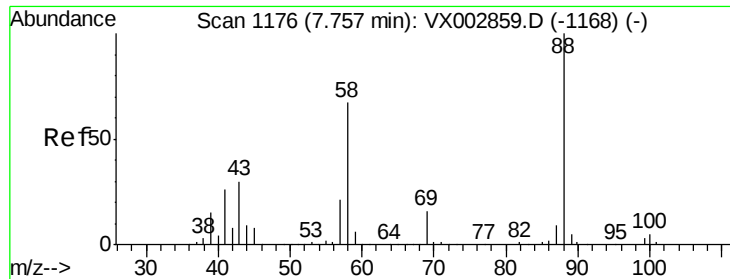
Ion Ratio Lower Upper

41 100

69 75.6 59.1 88.7

39 59.9 48.9 73.3

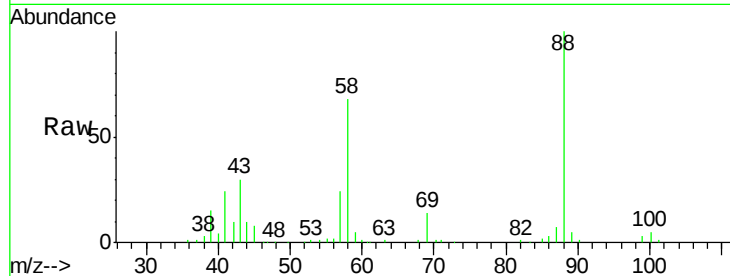




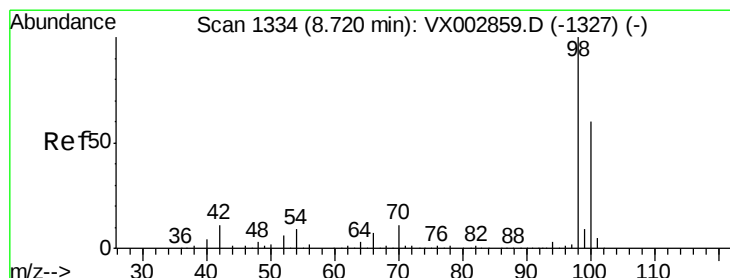
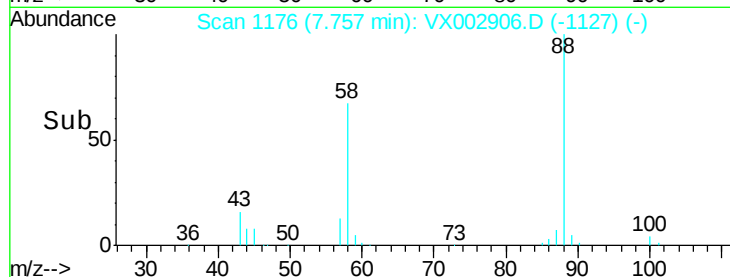
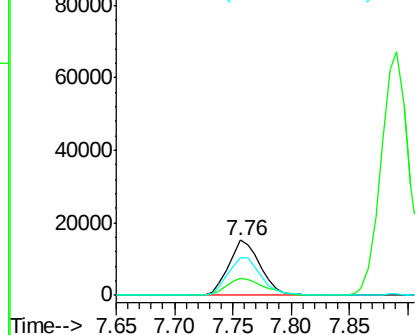
#49
1,4-Dioxane
Concen: 403.98 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 28846
Ion Ratio Lower Upper
88 100
43 34.6 29.8 44.6
58 70.7 57.1 85.7

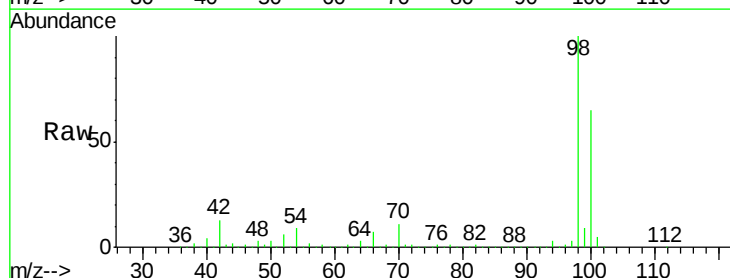


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

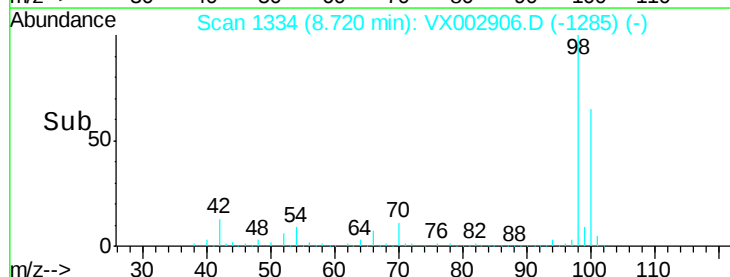
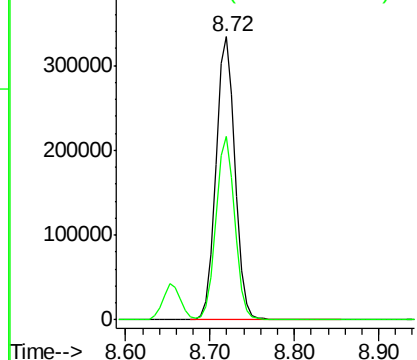


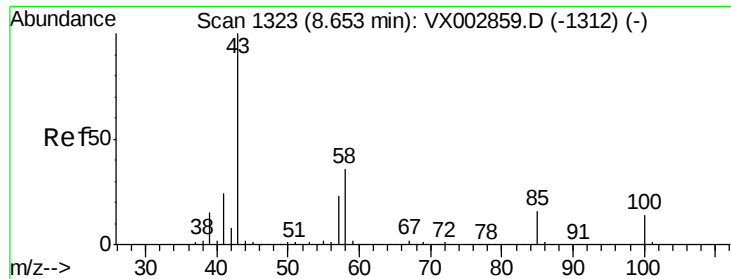
#50
Toluene-d8
Concen: 50.13 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion: 98 Resp: 521456
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 102.63 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

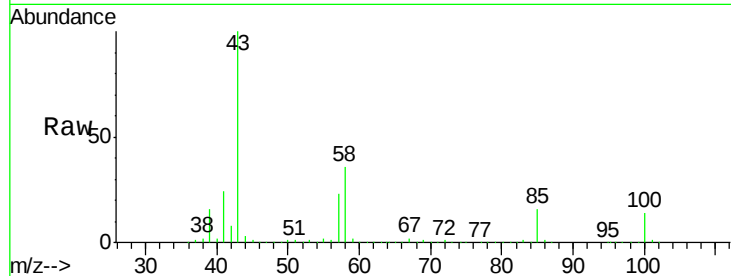
ClientSampleId :

Tot Ion: 43 Resp: 457358

Ion Ratio Lower Upper

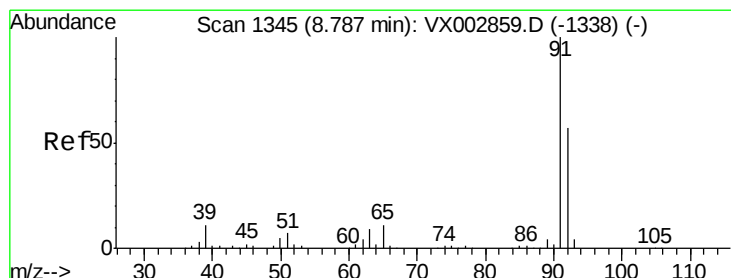
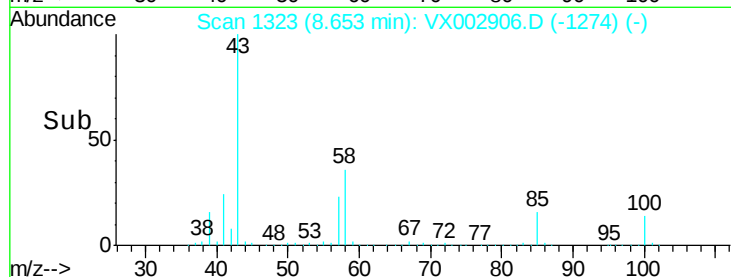
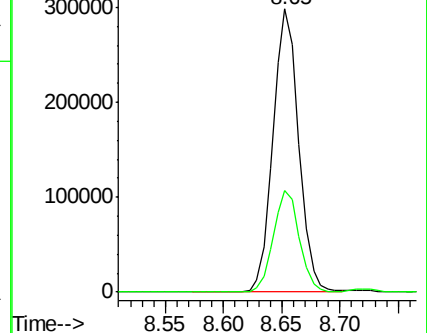
43 100

58 36.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.49 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002906.D

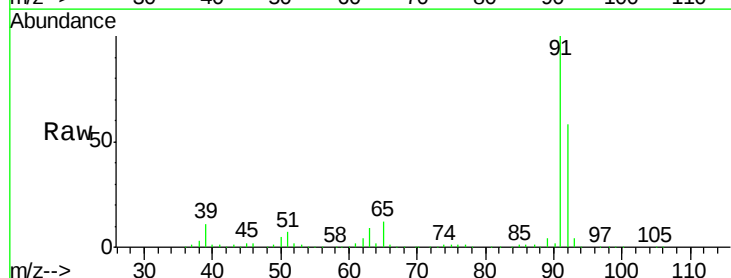
Acq: 26 Jun 2018 21:04

Tgt Ion: 92 Resp: 143082

Ion Ratio Lower Upper

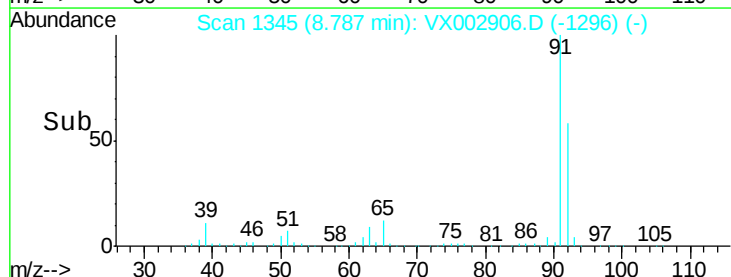
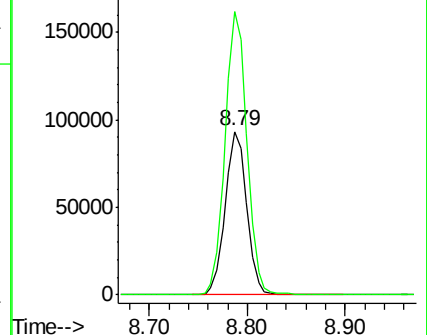
92 100

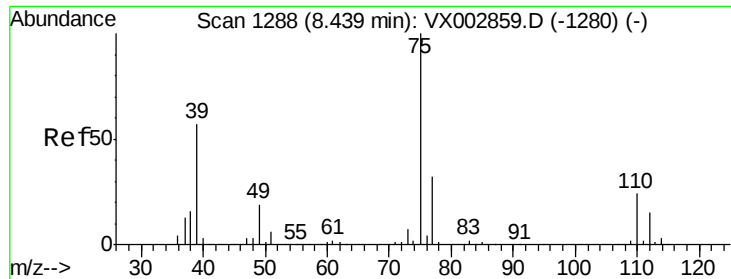
91 175.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

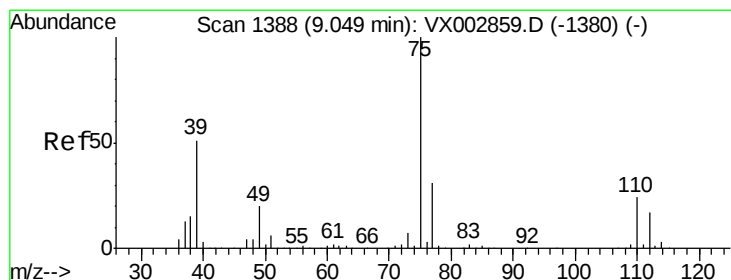
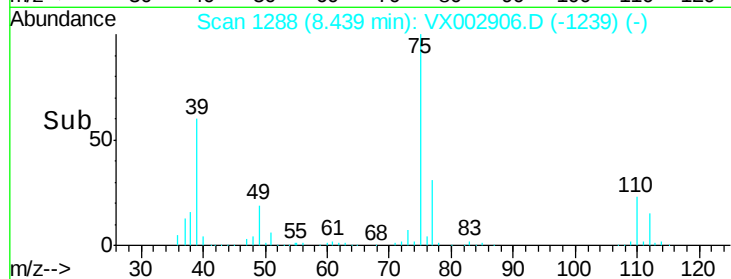
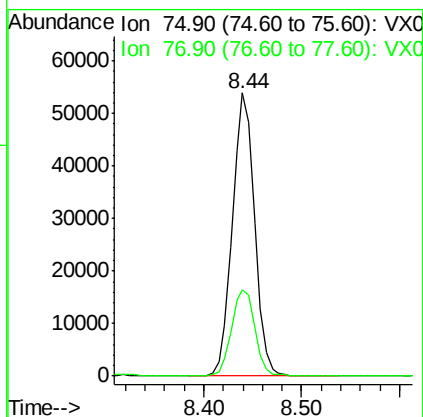
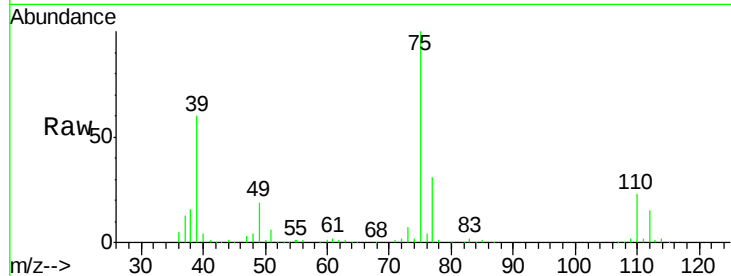




#53
t-1,3-Dichloropropene
Concen: 19.23 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

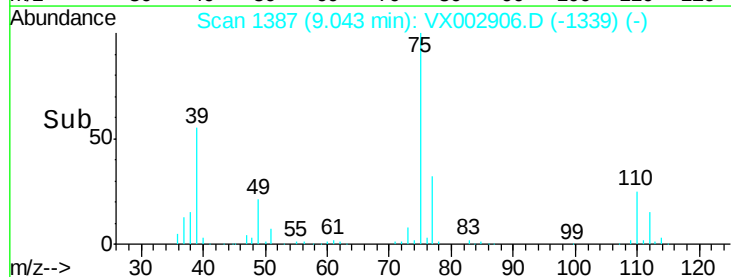
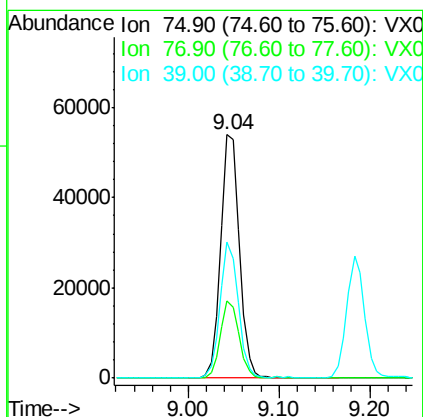
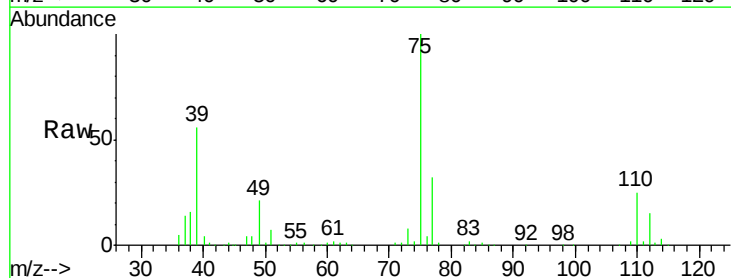
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 84956
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.40 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion: 75 Resp: 78206
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 55.6 42.4 63.6

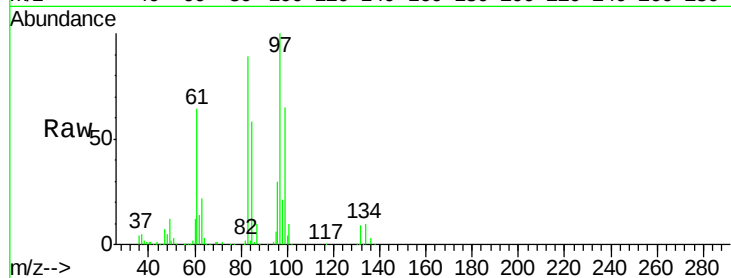




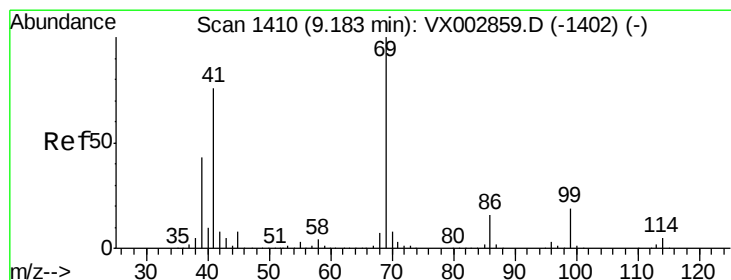
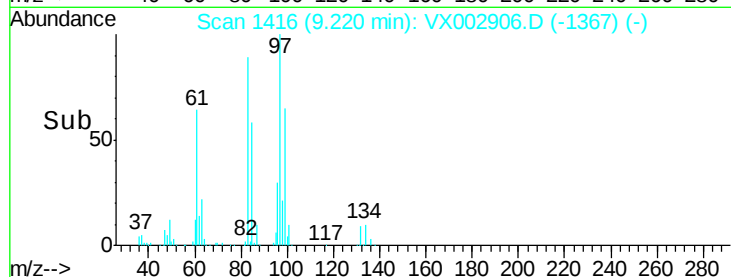
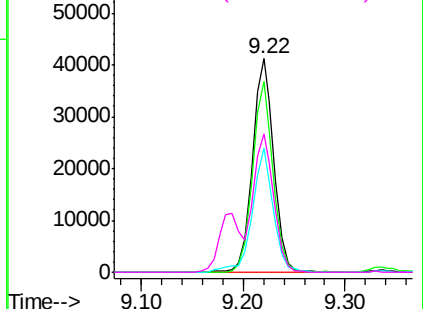
#55
 1,1,2-Trichloroethane
 Concen: 19.90 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 60028
 Ion Ratio Lower Upper
 97 100
 83 89.1 70.2 105.2
 85 57.9 44.9 67.3
 99 64.6 49.8 74.8

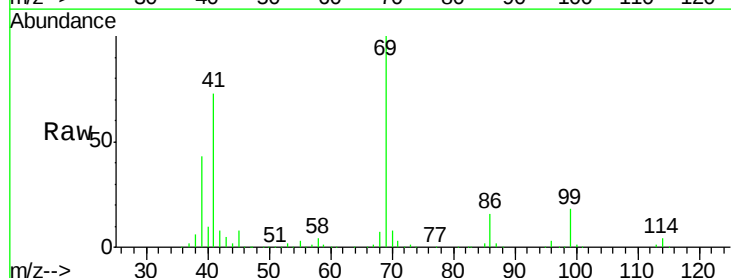


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

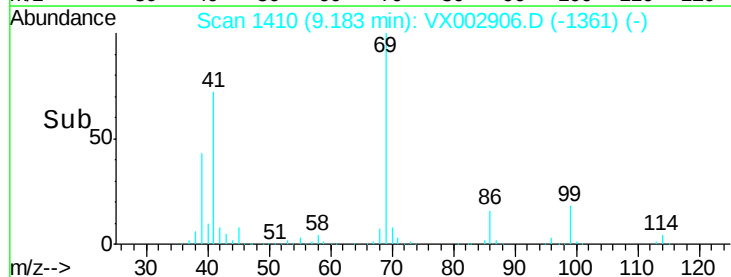
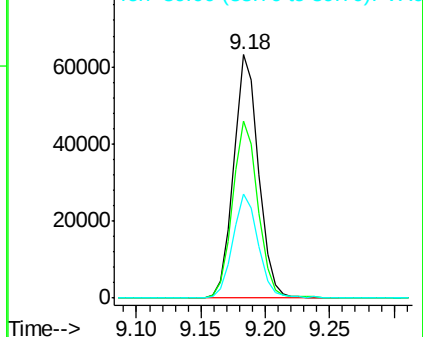


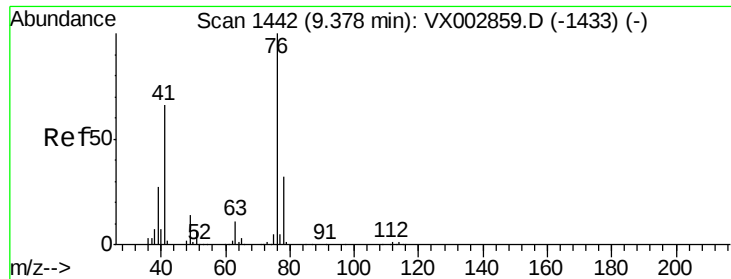
#56
 Ethyl methacrylate
 Concen: 19.38 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion: 69 Resp: 85464
 Ion Ratio Lower Upper
 69 100
 41 73.9 60.3 90.5
 39 43.1 35.8 53.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

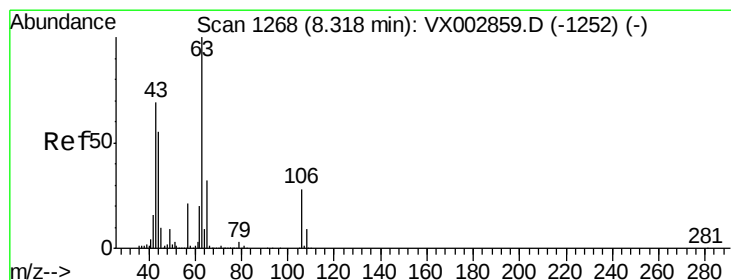
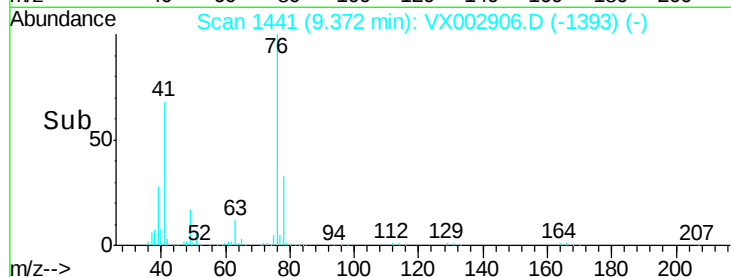
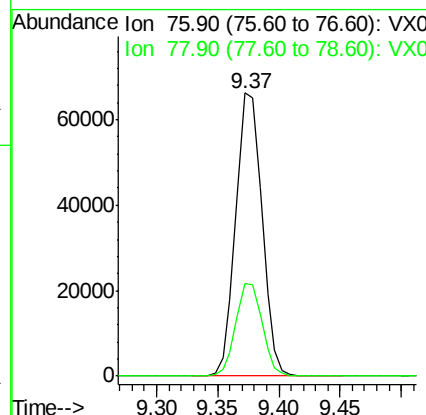
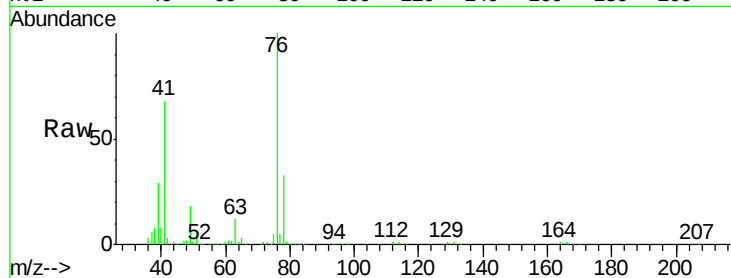




#57
 1,3-Dichloropropane
 Concen: 19.88 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

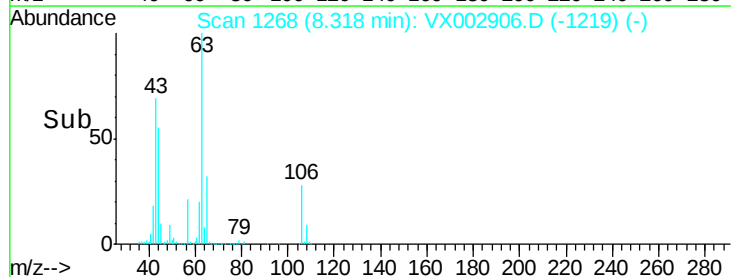
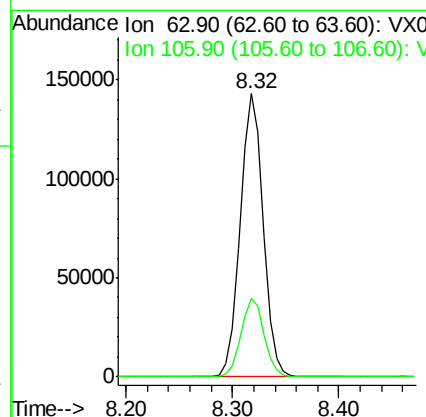
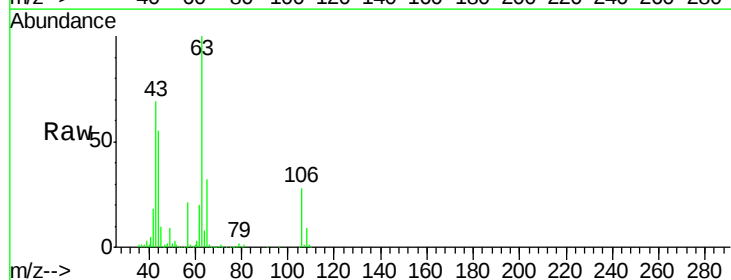
Instrument :
 MSVOA_X
 ClientSampleId :

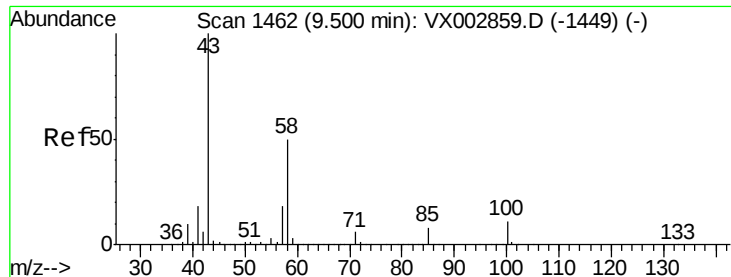
Tot Ion: 76 Resp: 98488
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.98 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion: 63 Resp: 216934
 Ion Ratio Lower Upper
 63 100
 106 27.9 21.8 32.8

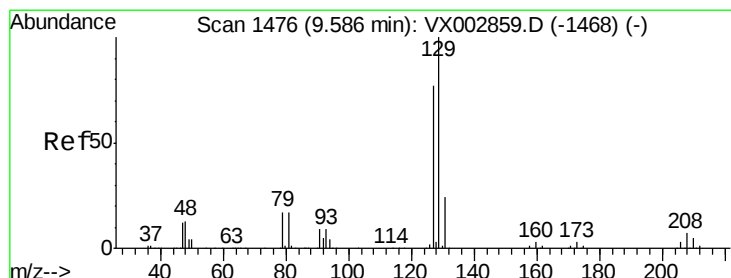
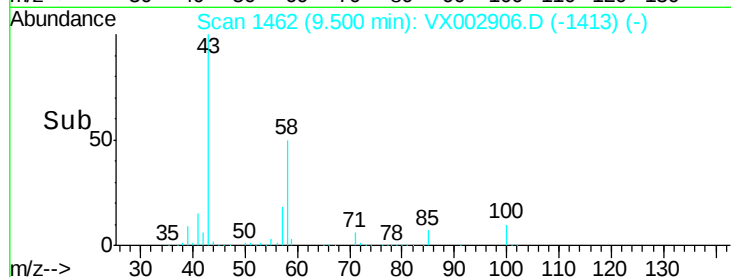
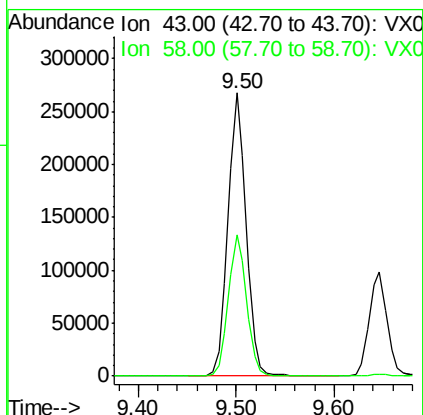
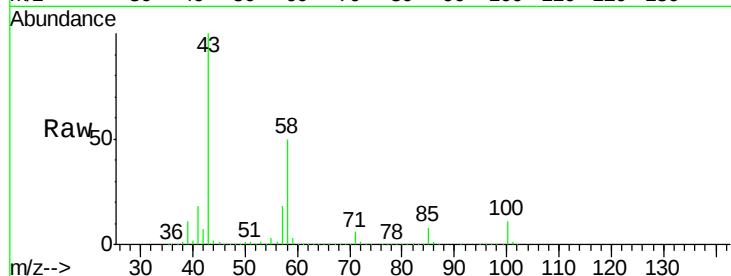




#59
2-Hexanone
Concen: 102.02 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

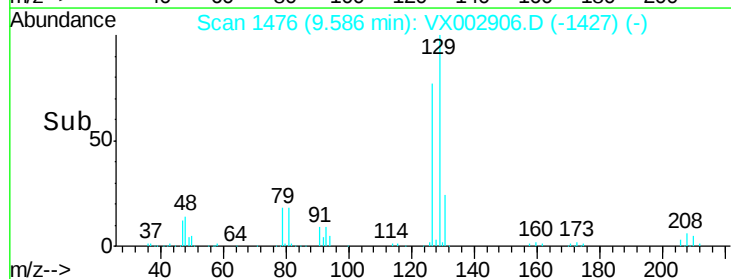
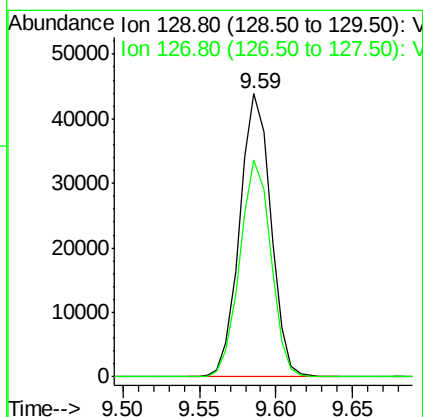
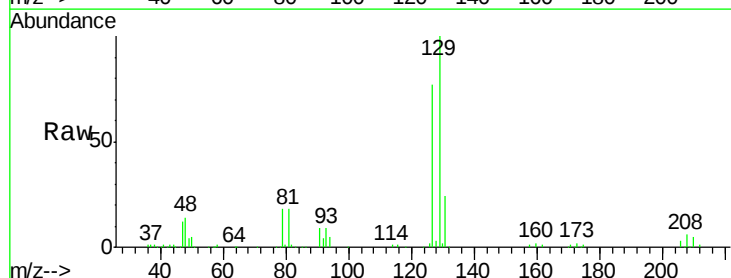
Instrument :
MSVOA_X
ClientSampleId :

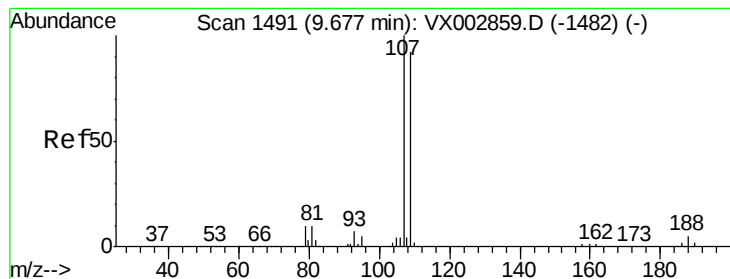
Tot Ion: 43 Resp: 34525
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6



#60
Dibromochloromethane
Concen: 19.55 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion: 129 Resp: 62077
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.90 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

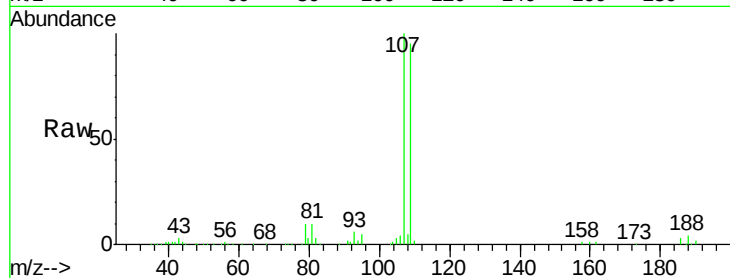
ClientSampleId :

Tot Ion:107 Resp: 62960

Ion Ratio Lower Upper

107 100

109 94.3 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

50000

40000

30000

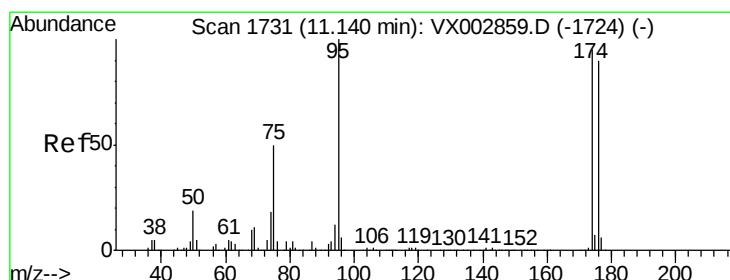
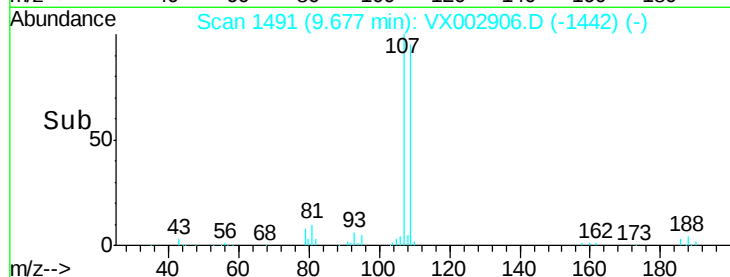
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.89 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

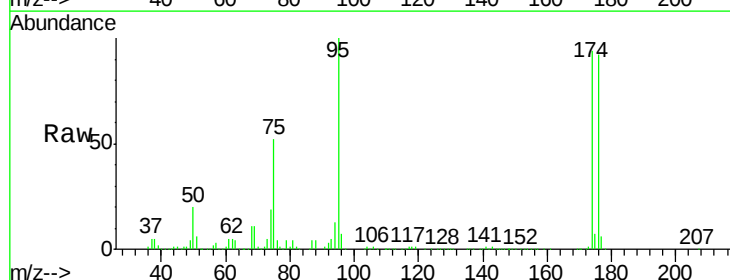
Tgt Ion: 95 Resp: 196130

Ion Ratio Lower Upper

95 100

174 95.8 0.0 187.4

176 94.2 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

200000

150000

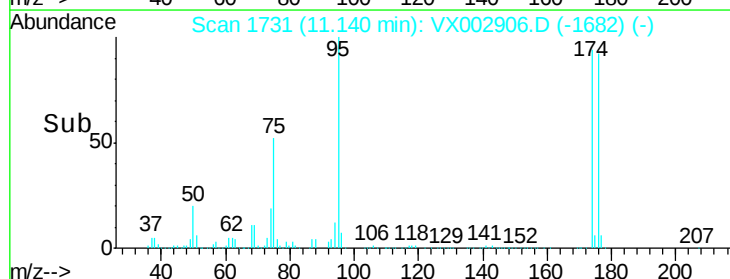
100000

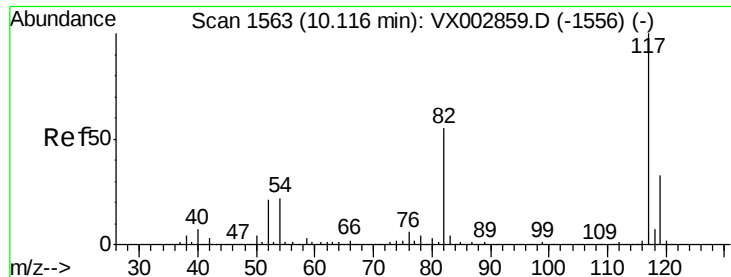
50000

0

Time-->

11.10 11.20

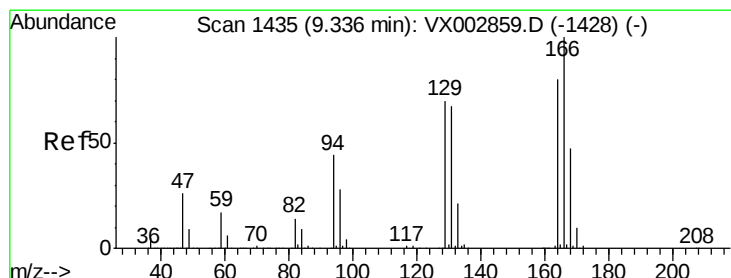
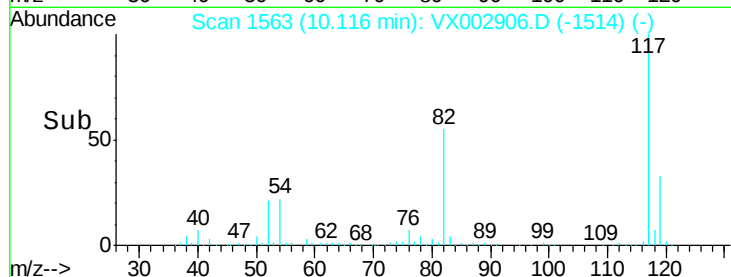
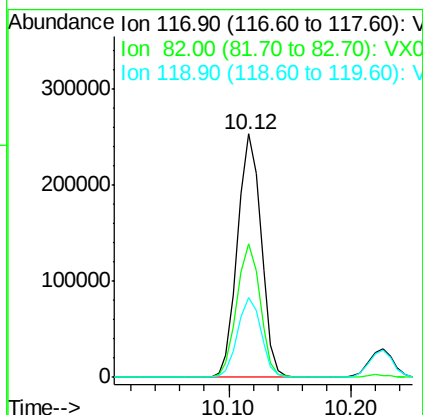
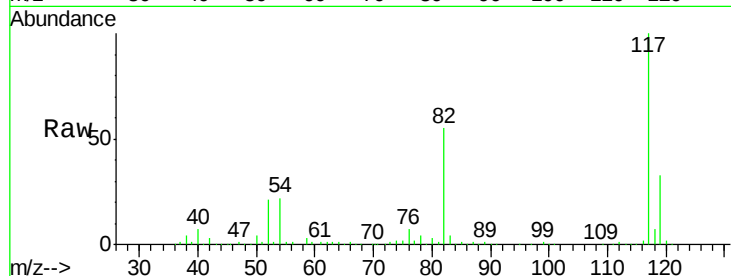




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

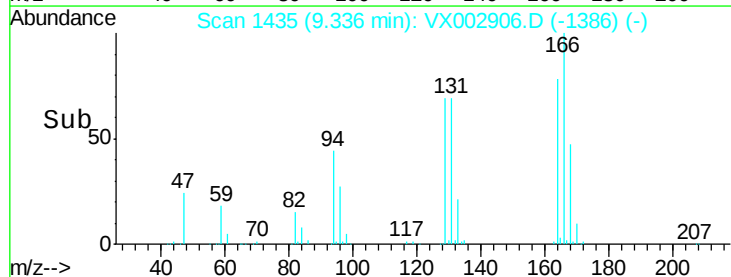
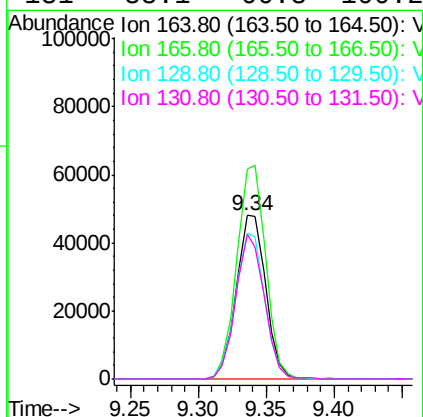
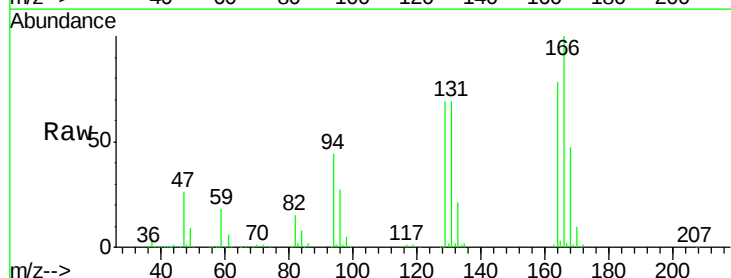
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 339788
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 19.21 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion:164 Resp: 72580
Ion Ratio Lower Upper
164 100
166 128.0 102.9 154.3
129 88.9 68.6 102.8
131 88.1 66.8 100.2





#65

Chlorobenzene

Concen: 19.45 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

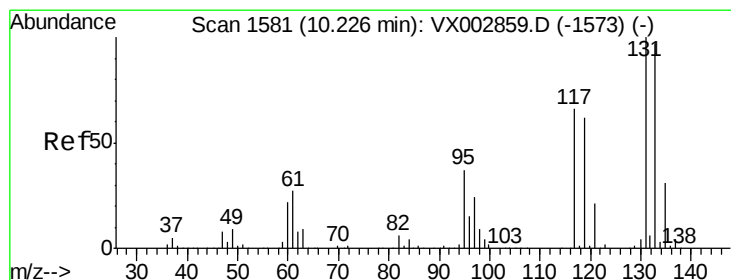
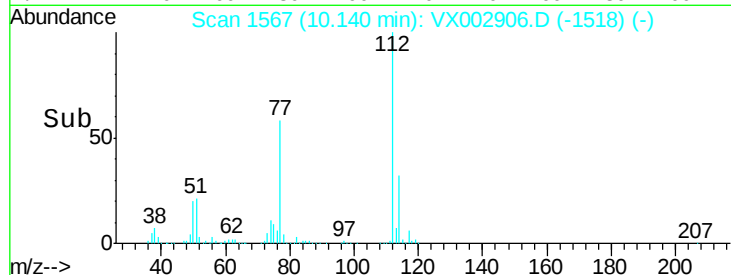
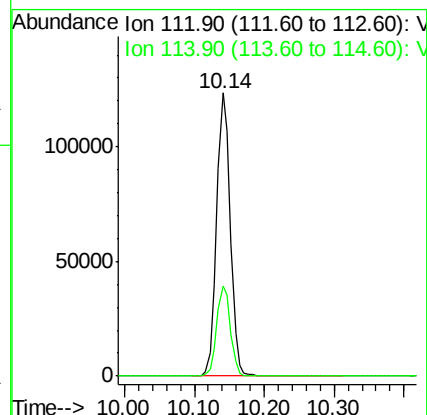
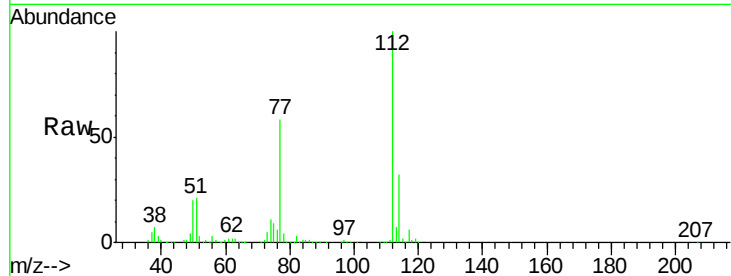
ClientSampled :

Tot Ion:112 Resp: 167900

Ion Ratio Lower Upper

112 100

114 32.0 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 19.90 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

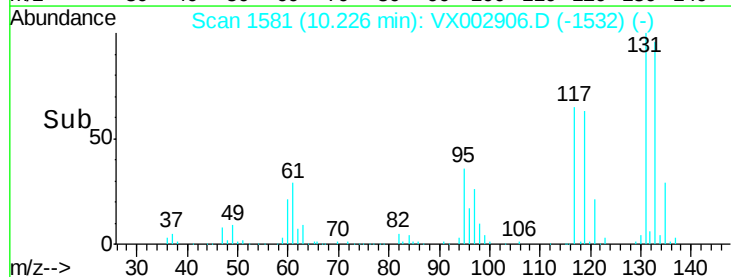
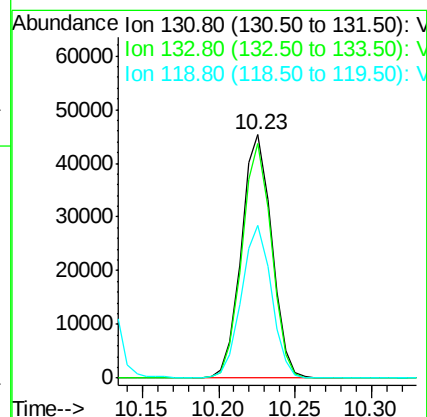
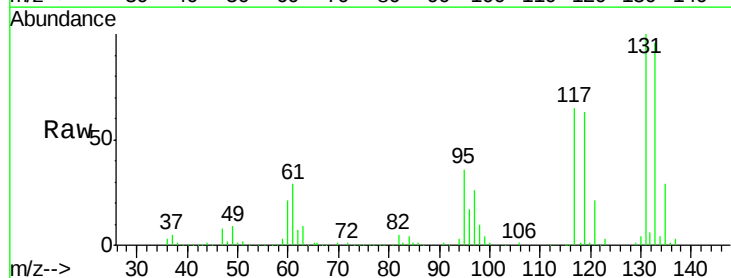
Tgt Ion:131 Resp: 62386

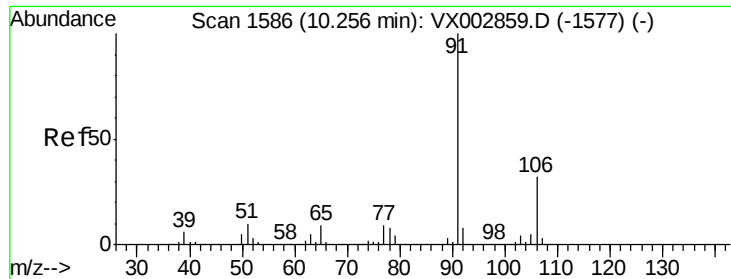
Ion Ratio Lower Upper

131 100

133 94.1 47.9 143.6

119 62.0 31.8 95.3





#67

Ethyl Benzene

Concen: 19.48 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

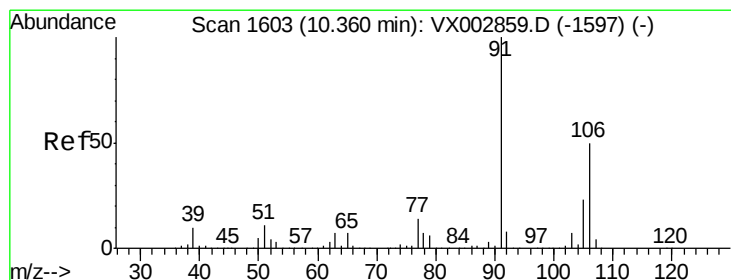
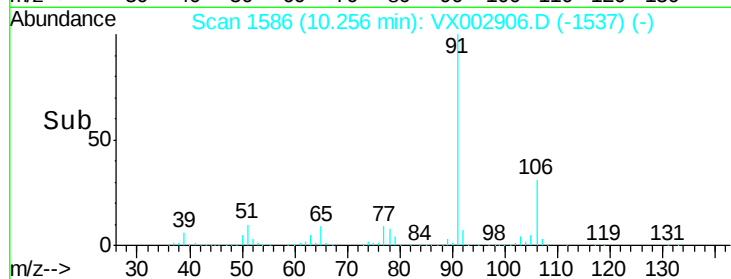
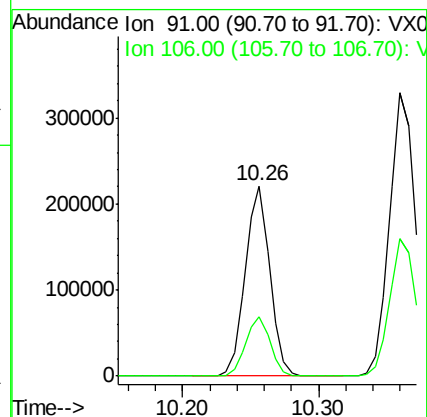
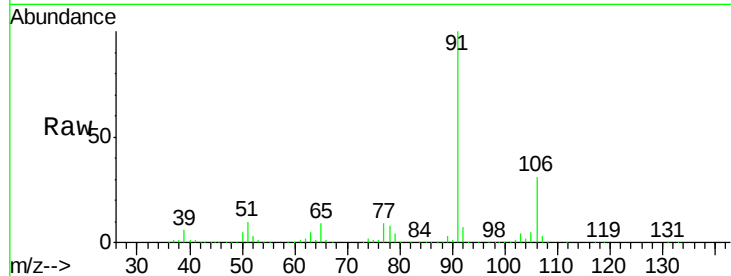
ClientSampleId :

Tot Ion: 91 Resp: 277709

Ion Ratio Lower Upper

91 100

106 31.3 25.5 38.3



#68

m/p-Xylenes

Concen: 38.83 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002906.D

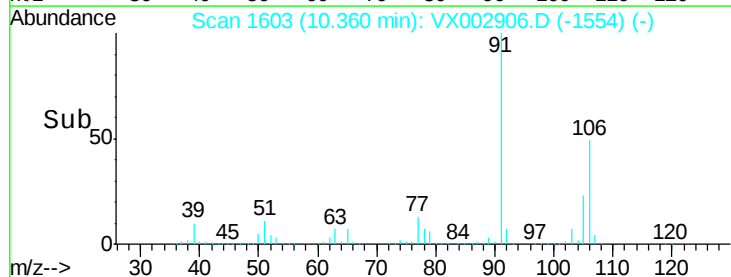
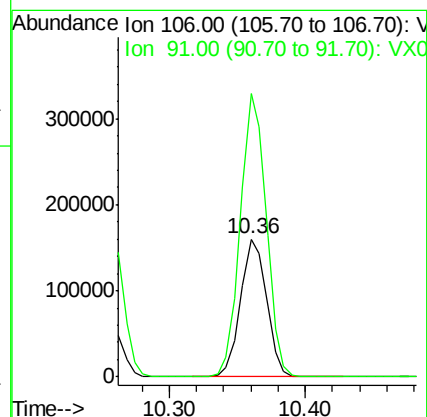
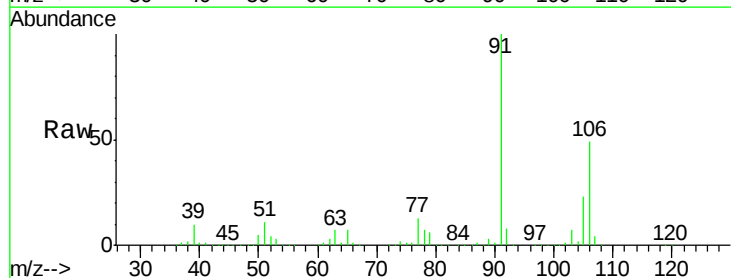
Acq: 26 Jun 2018 21:04

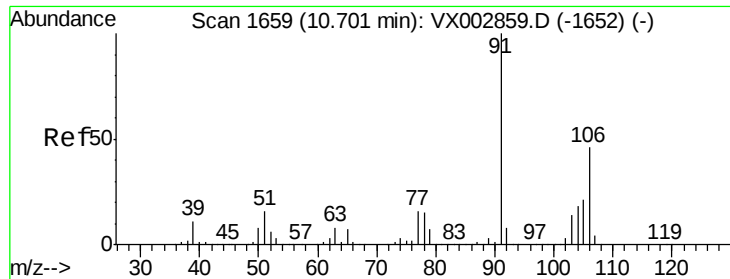
Tgt Ion: 106 Resp: 213364

Ion Ratio Lower Upper

106 100

91 205.2 163.4 245.2

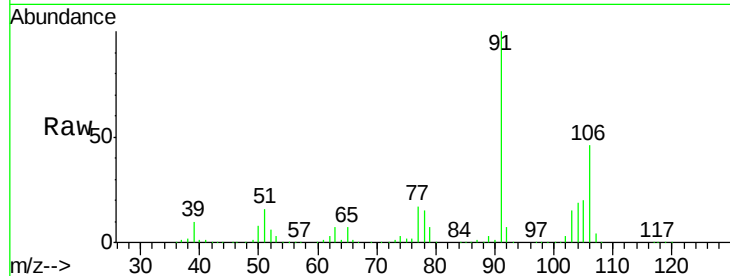




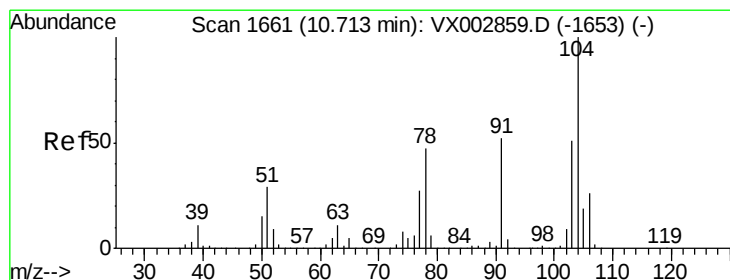
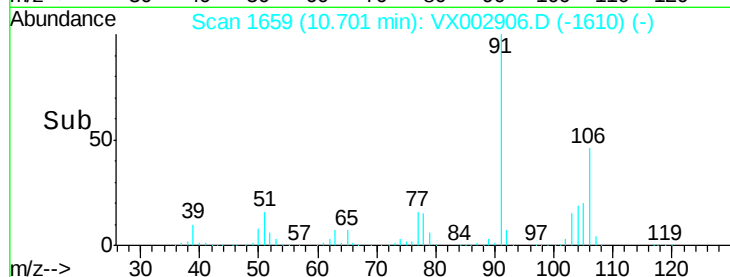
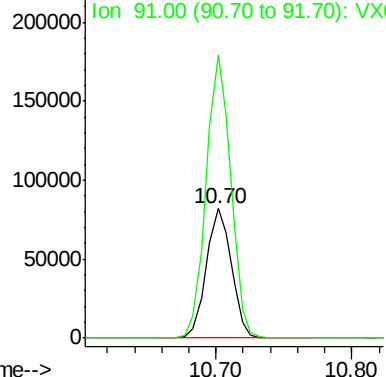
#69
o-Xylene
Concen: 19.68 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 105292
Ion Ratio Lower Upper
106 100
91 214.6 108.2 324.6

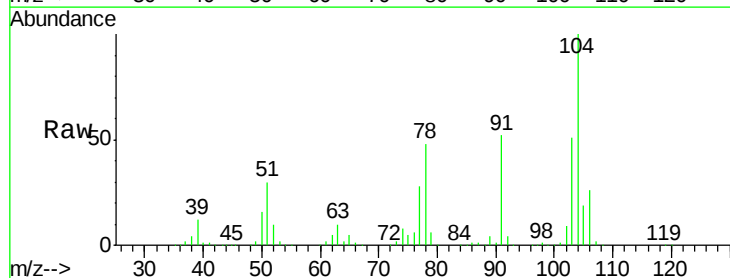


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

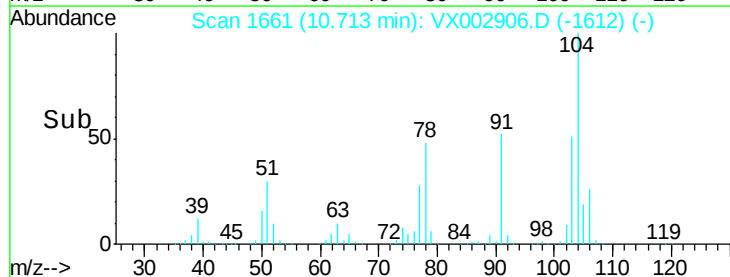
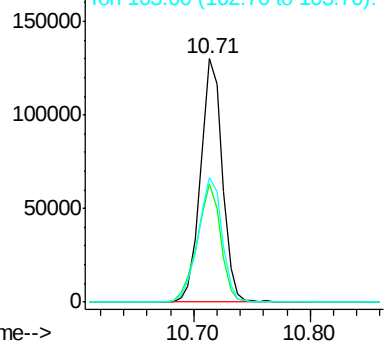


#70
Styrene
Concen: 19.50 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion:104 Resp: 169511
Ion Ratio Lower Upper
104 100
78 52.2 41.0 61.6
103 56.4 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

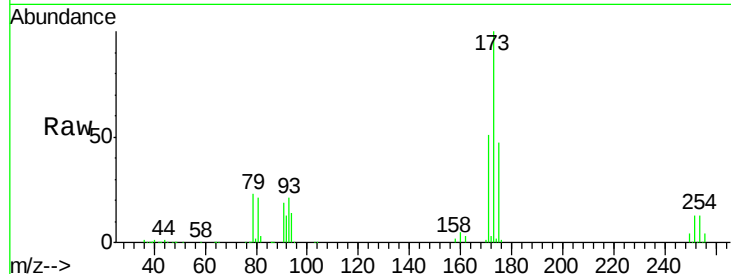




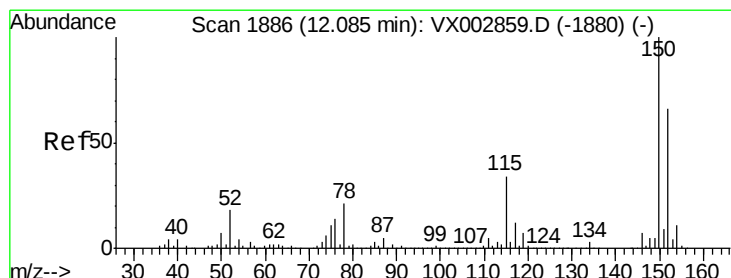
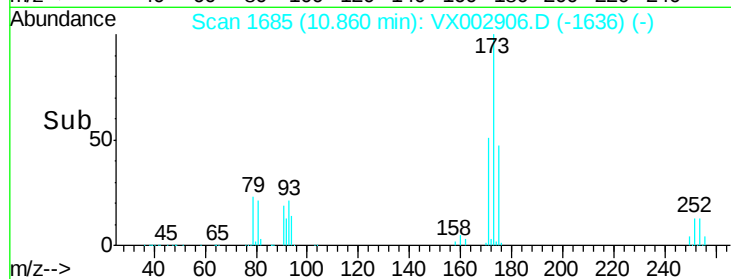
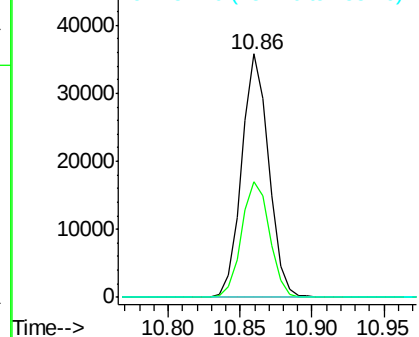
#71
Bromoform
Concen: 19.09 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 46675
Ion Ratio Lower Upper
173 100
175 49.2 24.7 74.1
254 0.2 0.2 0.2#

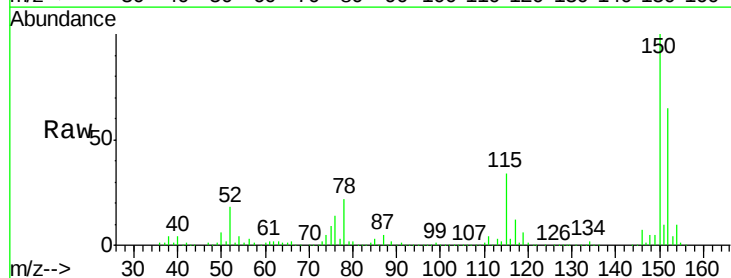


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

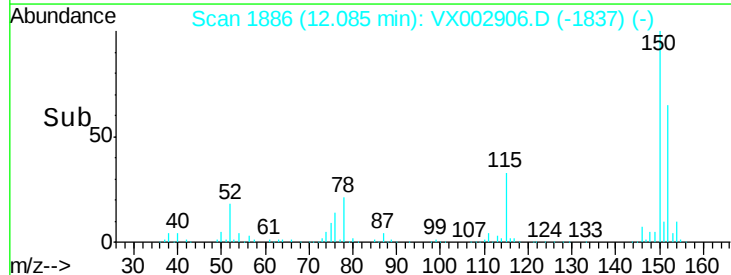
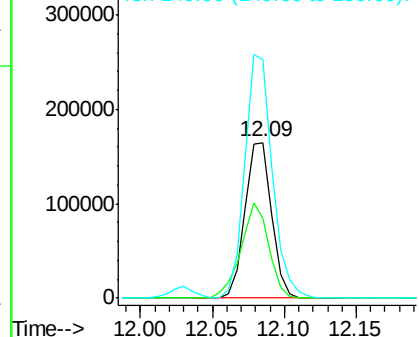


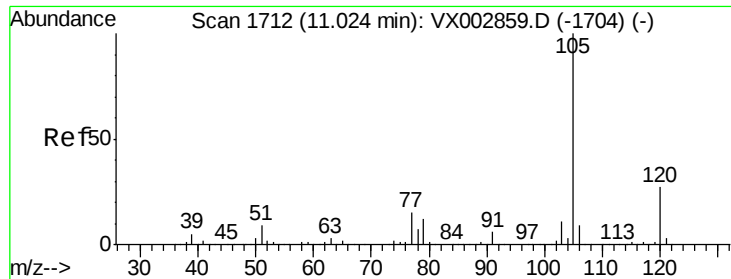
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion:152 Resp: 210536
Ion Ratio Lower Upper
152 100
115 64.2 40.1 120.2
150 162.0 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: 20.07 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

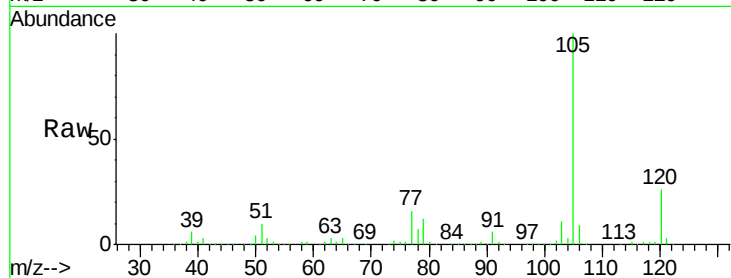
ClientSampled :

Tot Ion:105 Resp: 284326

Ion Ratio Lower Upper

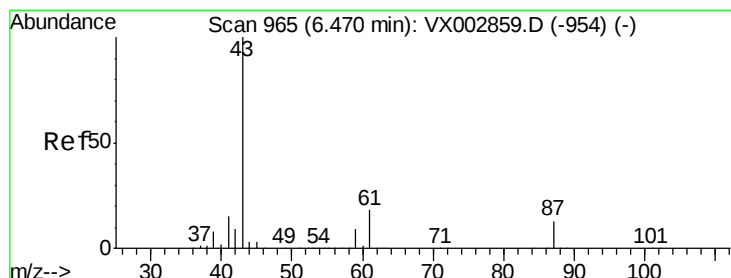
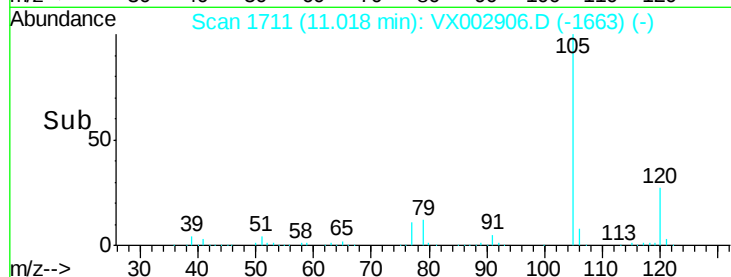
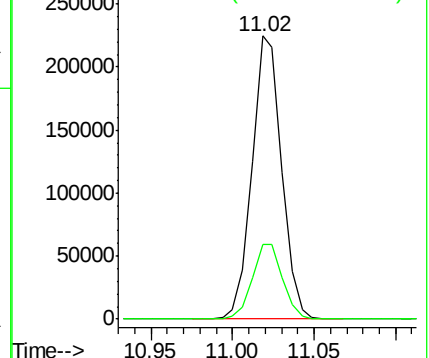
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.00 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Tgt Ion: 43 Resp: 138622

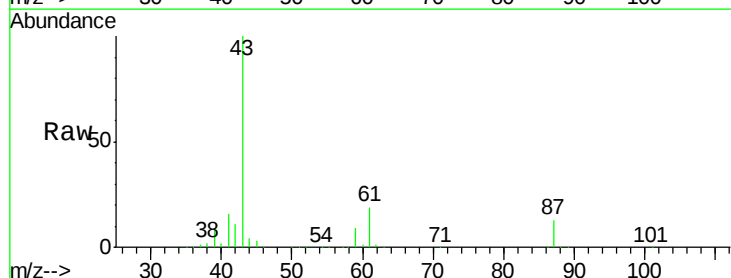
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.2 14.4 21.6

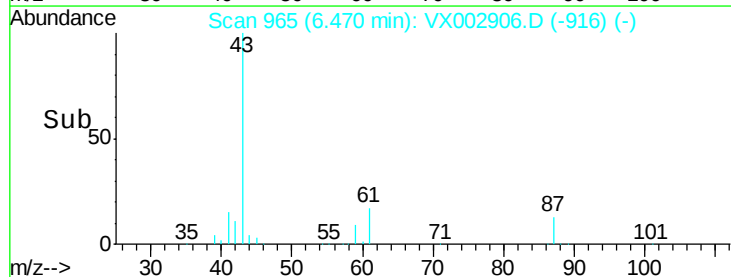
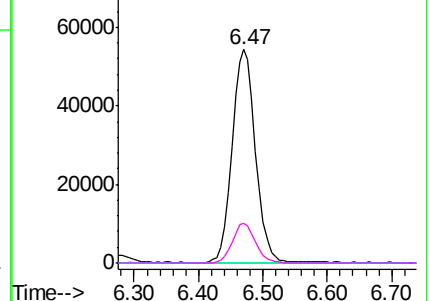


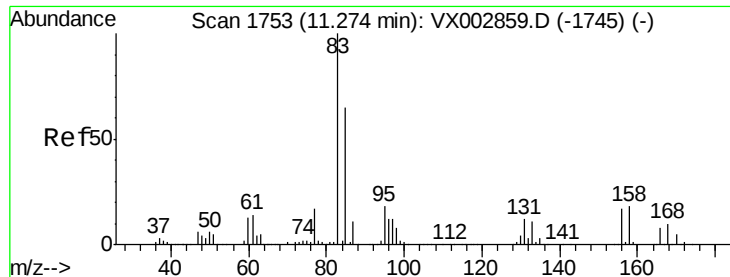
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.66 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampled :

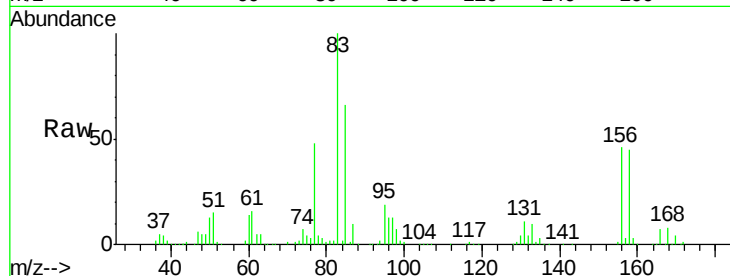
Tot Ion: 83 Resp: 90159

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

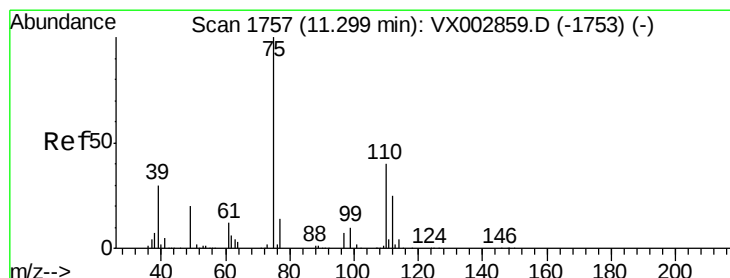
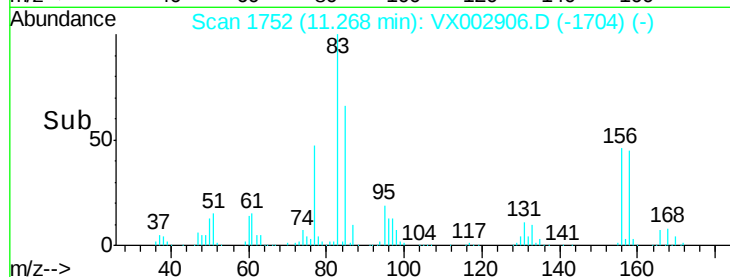
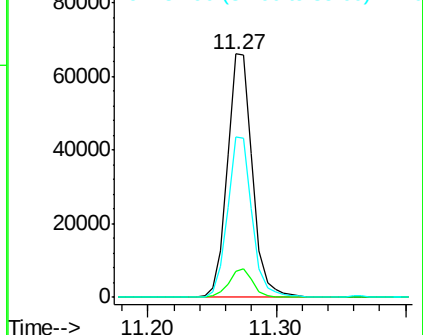
85 64.8 32.4 97.2



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: 25.65 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002906.D

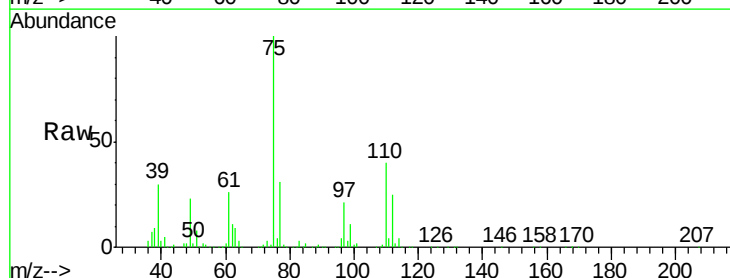
Acq: 26 Jun 2018 21:04

Tgt Ion: 75 Resp: 97833

Ion Ratio Lower Upper

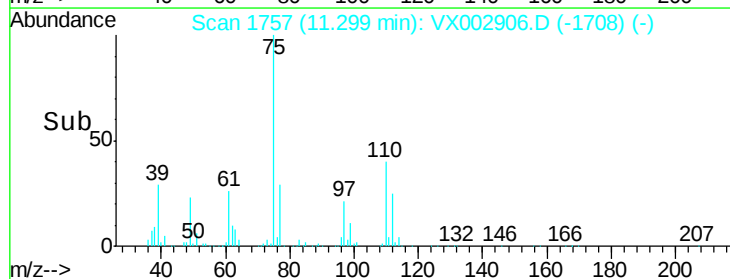
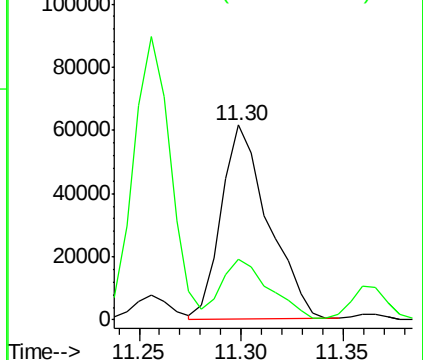
75 100

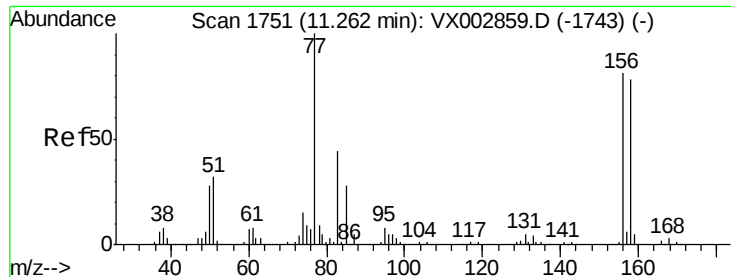
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.82 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampled :

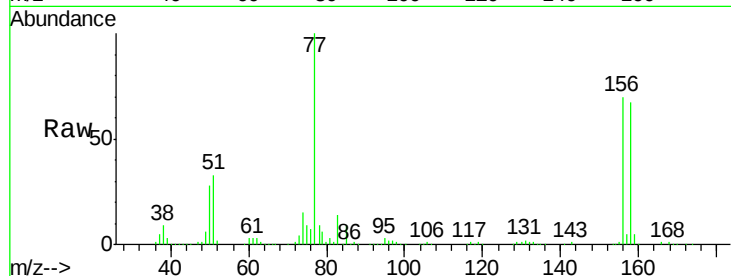
Tot Ion:156 Resp: 79955

Ion Ratio Lower Upper

156 100

77 141.7 71.4 214.2

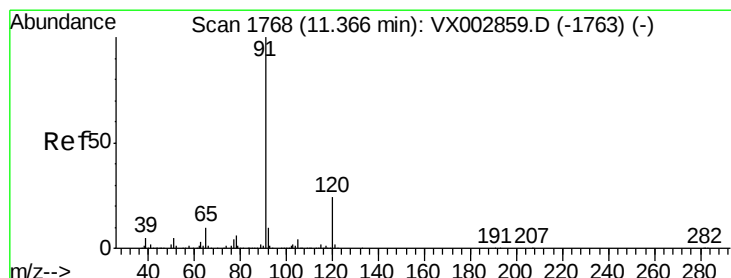
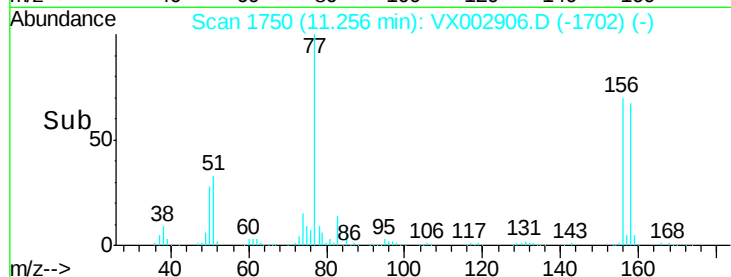
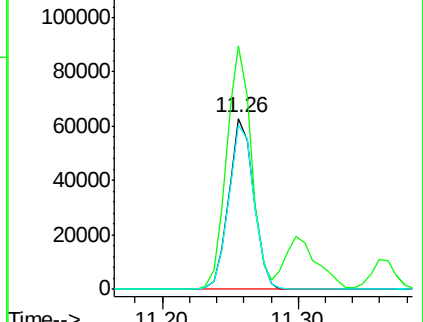
158 98.1 48.9 146.6



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: 19.91 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002906.D

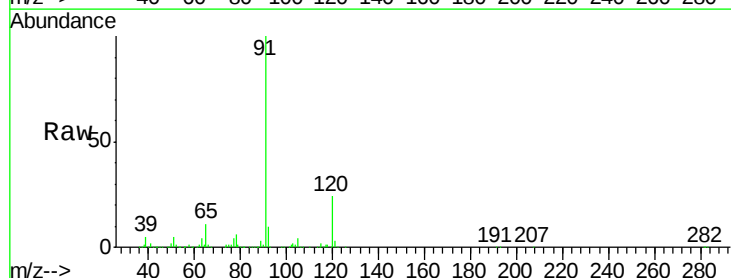
Acq: 26 Jun 2018 21:04

Tgt Ion: 91 Resp: 320964

Ion Ratio Lower Upper

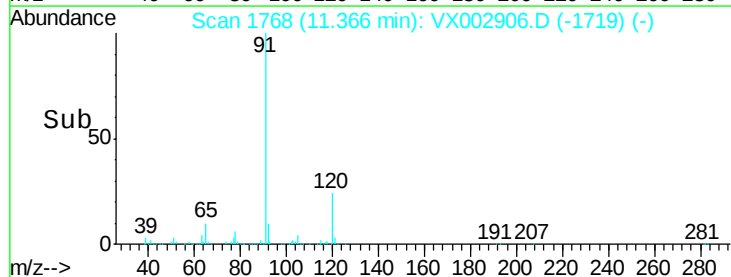
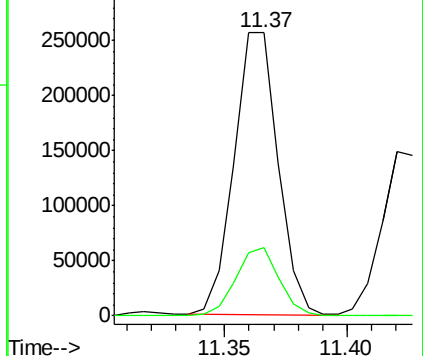
91 100

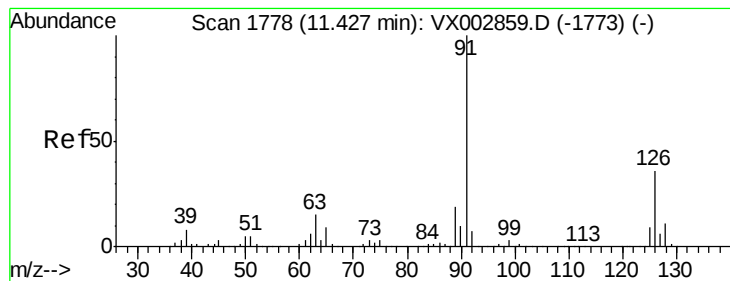
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.99 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

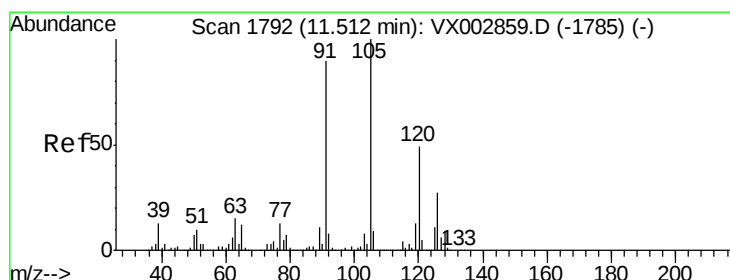
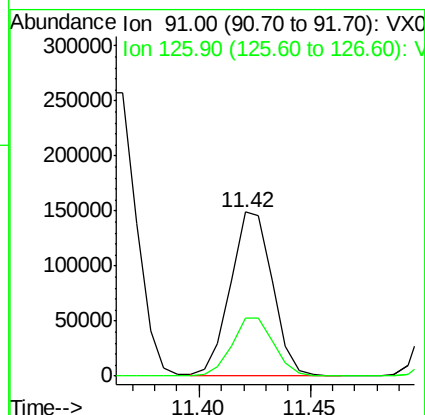
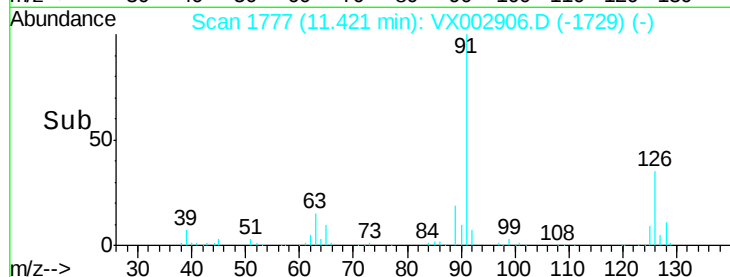
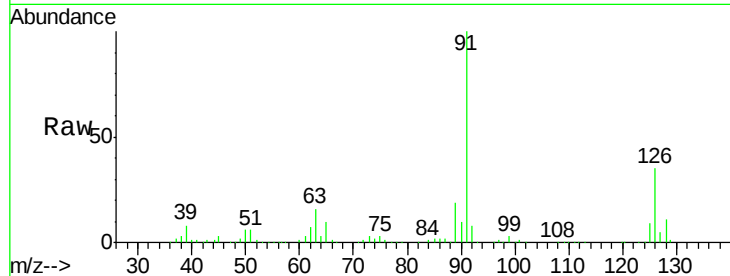
ClientSampleId :

Tot Ion: 91 Resp: 195128

Ion Ratio Lower Upper

91 100

126 35.9 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 20.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002906.D

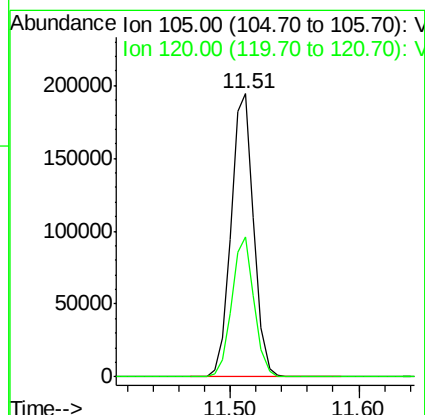
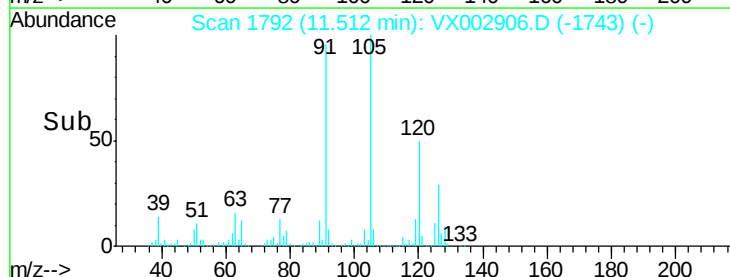
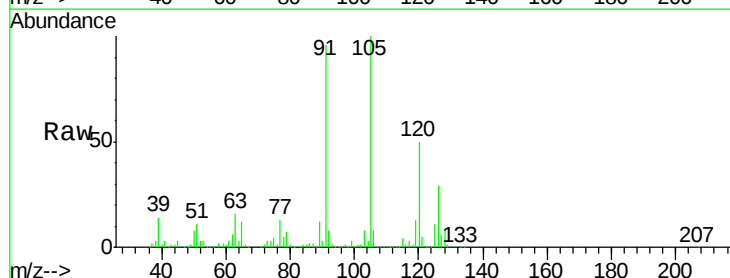
Acq: 26 Jun 2018 21:04

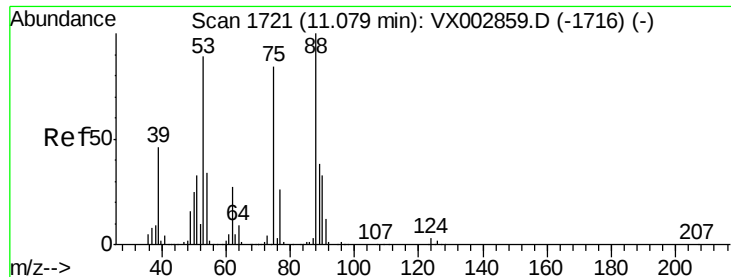
Tgt Ion: 105 Resp: 238894

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.4

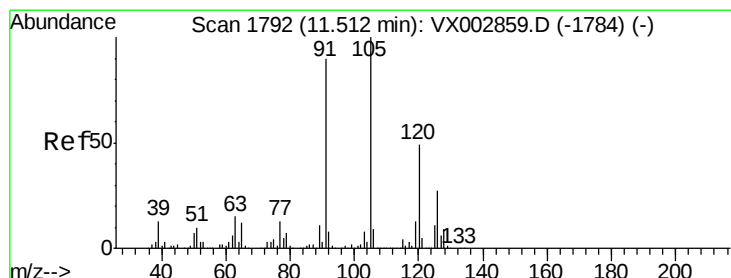
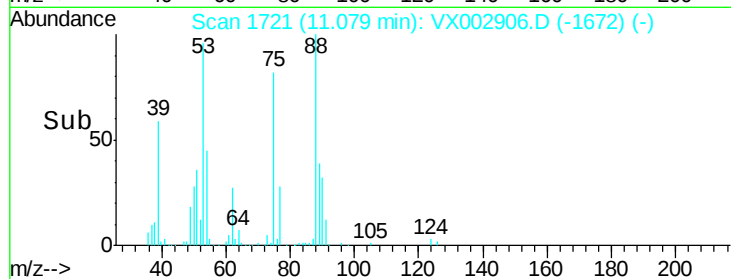
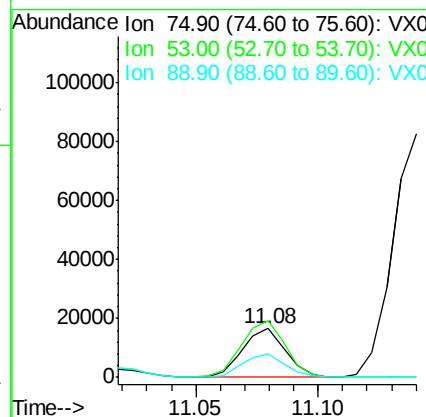
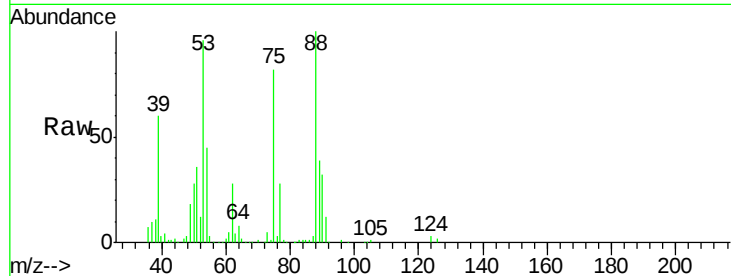




#81
trans-1,4-Dichloro-2-butene
Concen: 17.90 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

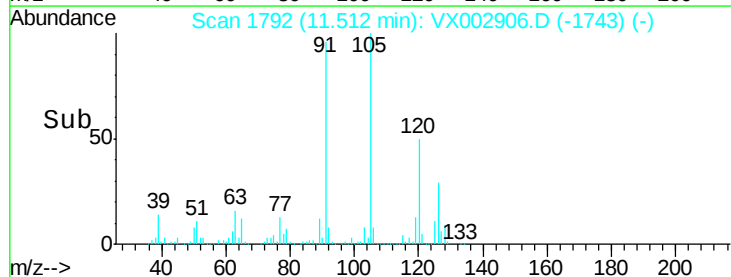
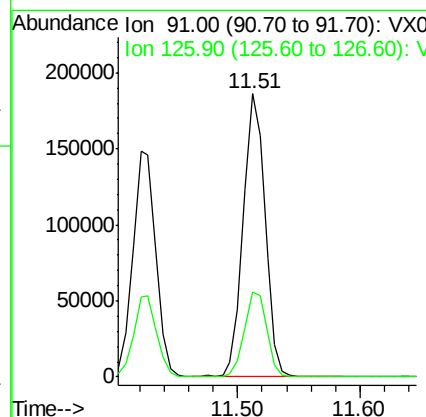
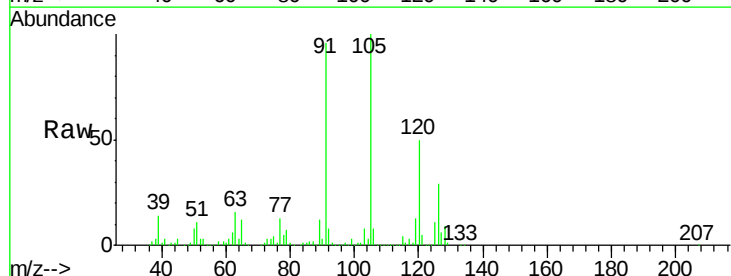
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 20492
Ion Ratio Lower Upper
75 100
53 117.2 86.8 130.2
89 47.9 38.2 57.2



#82
4-Chlorotoluene
Concen: 19.92 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion: 91 Resp: 230162
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.4

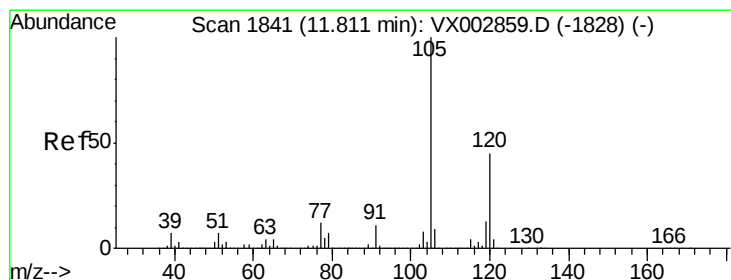
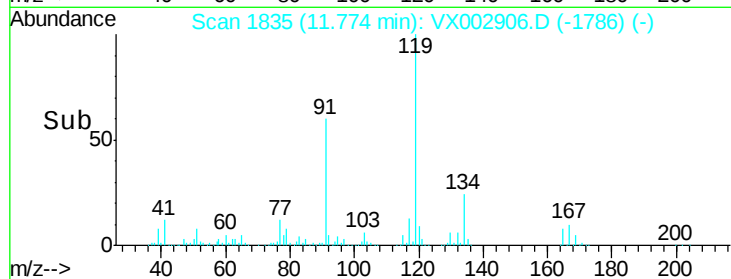
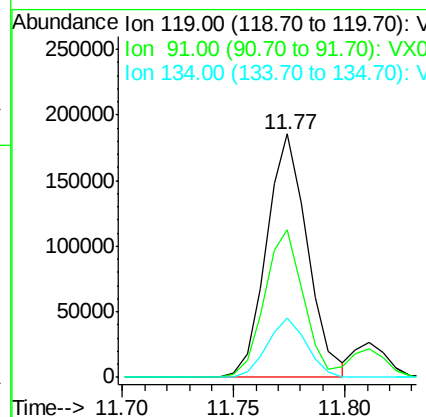
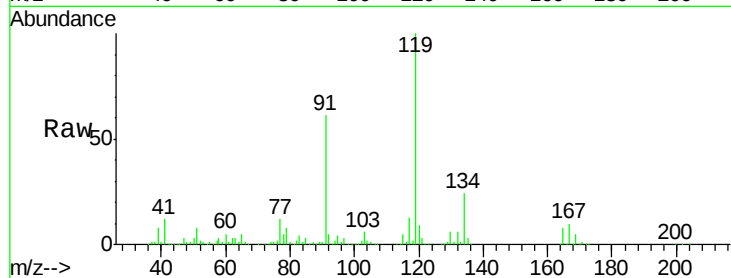




#83
tert-Butylbenzene
Concen: 20.16 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

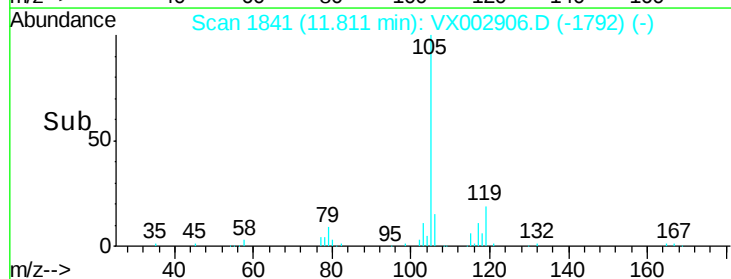
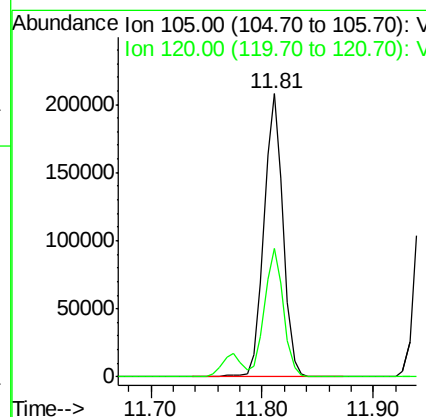
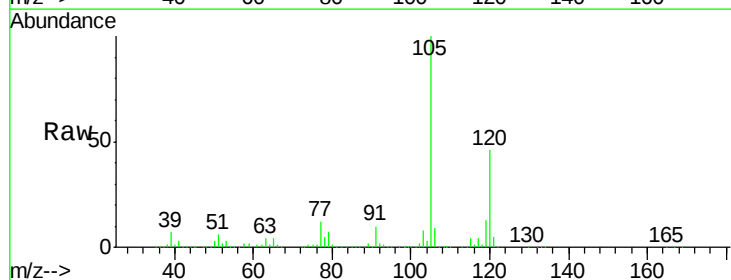
Instrument :
MSVOA_X
ClientSampleId :

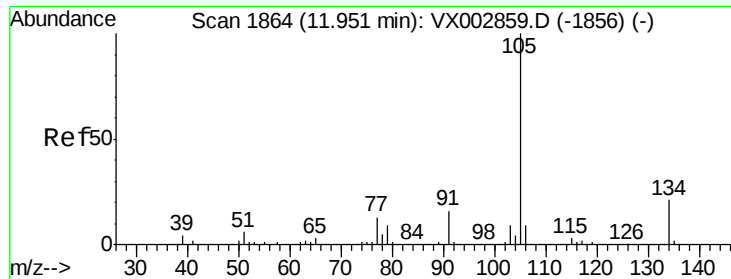
Tot Ion:119 Resp: 237049
Ion Ratio Lower Upper
119 100
91 57.6 30.3 90.9
134 23.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.10 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion:105 Resp: 248383
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.98 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

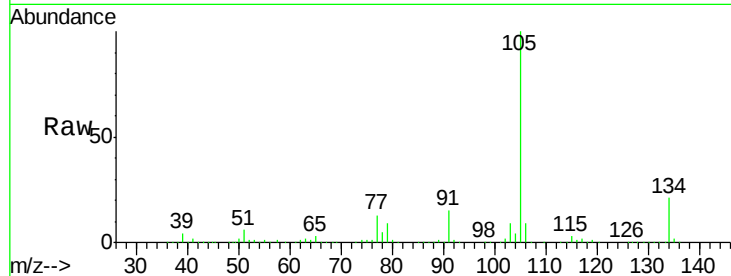
ClientSampleId :

Tot Ion:105 Resp: 284982

Ion Ratio Lower Upper

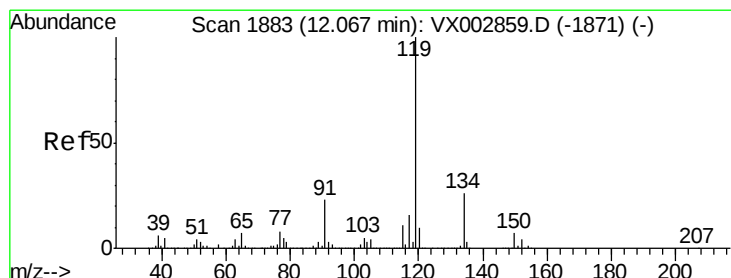
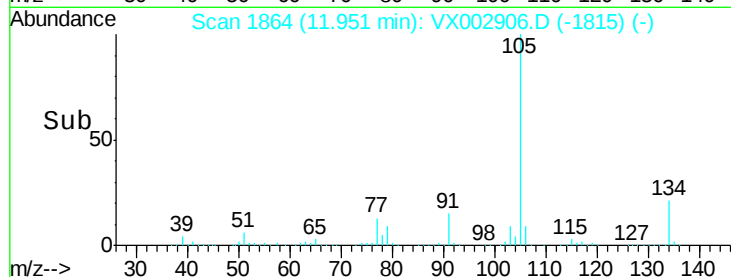
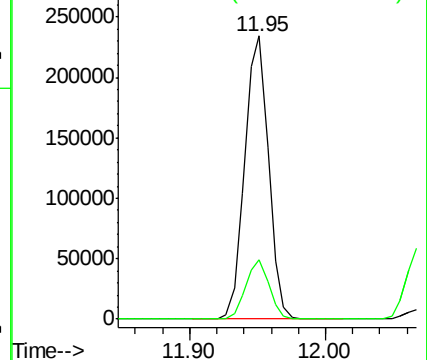
105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.92 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

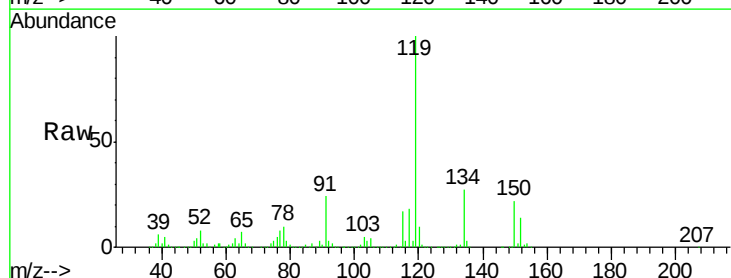
Tgt Ion:119 Resp: 255399

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

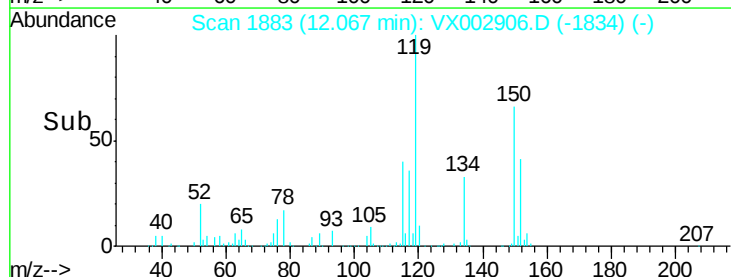
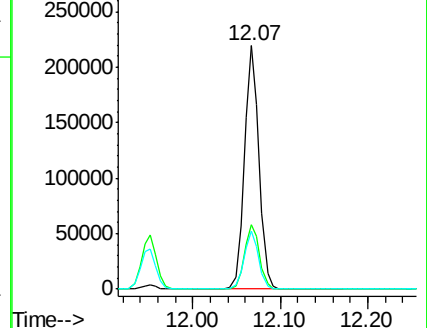
91 23.8 11.9 35.7

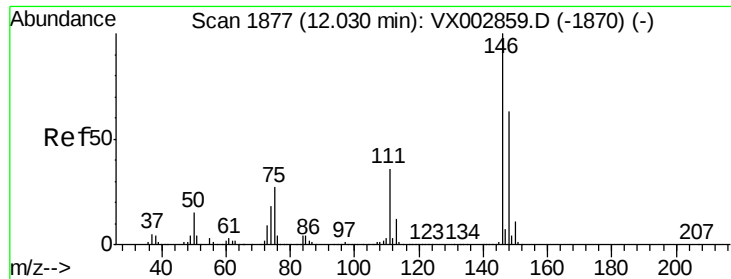


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.80 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

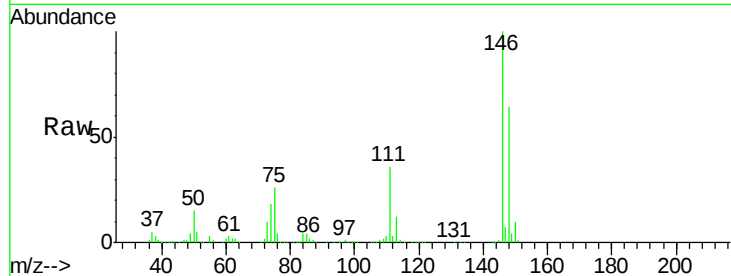
Tot Ion:146 Resp: 145883

Ion Ratio Lower Upper

146 100

111 36.8 18.9 56.7

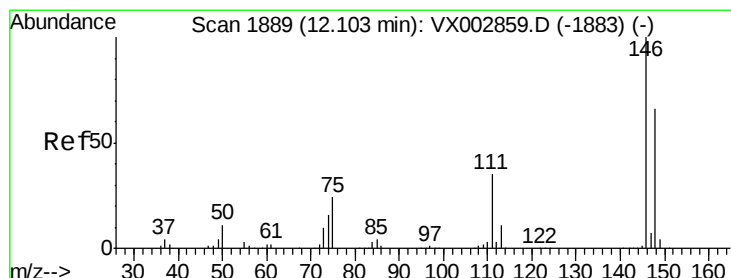
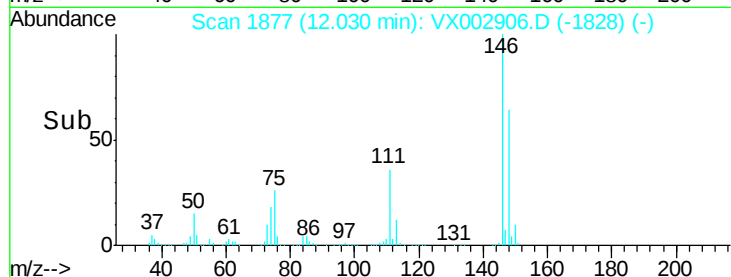
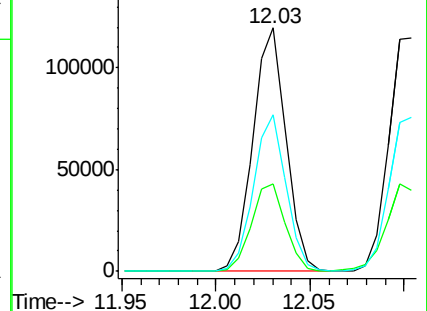
148 63.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.32 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

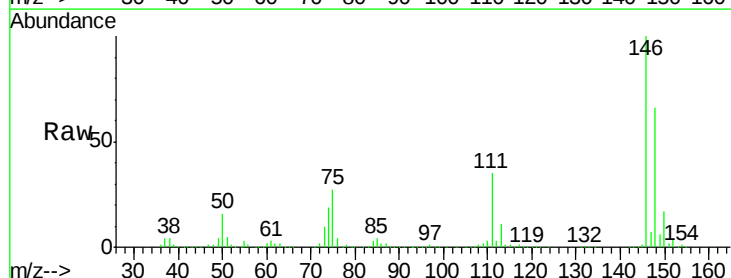
Tgt Ion:146 Resp: 146463

Ion Ratio Lower Upper

146 100

111 37.7 18.7 56.1

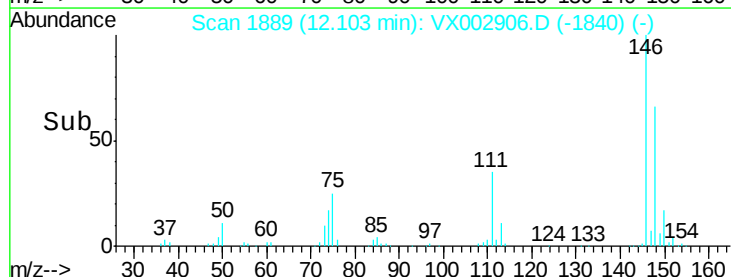
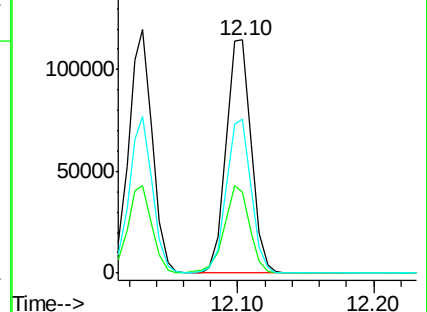
148 65.4 32.4 97.0

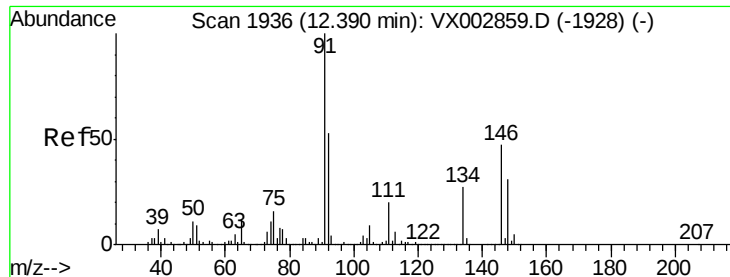


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.03 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampled :

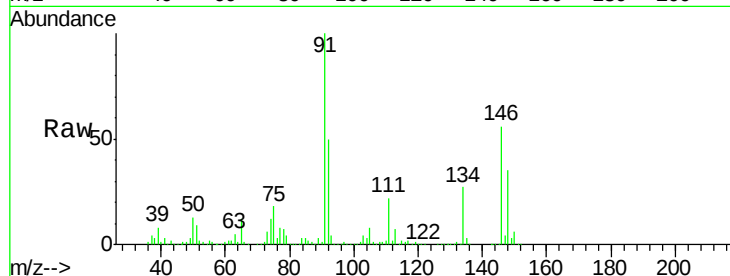
Tot Ion: 91 Resp: 212358

Ion Ratio Lower Upper

91 100

92 50.7 26.0 78.0

134 26.6 13.5 40.5

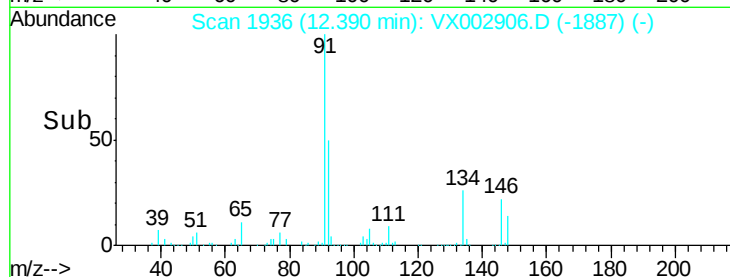


Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1928) (-)

Ion 92.00 (91.70 to 92.70): VX002859.D (-1928) (-)

Ion 134.00 (133.70 to 134.70): VX002859.D (-1928) (-)

Time-->

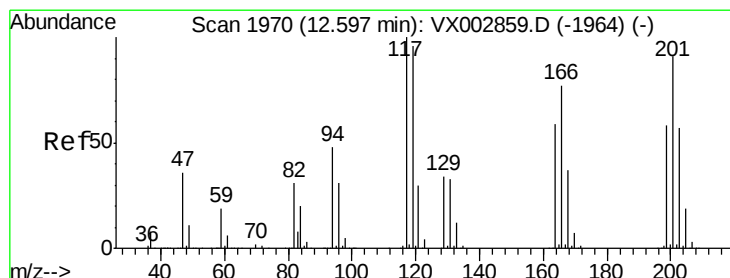


Abundance Ion 91.00 (90.70 to 91.70): VX002906.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX002906.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX002906.D (-1887) (-)

Time-->



#90

Hexachloroethane

Concen: 18.53 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX002906.D

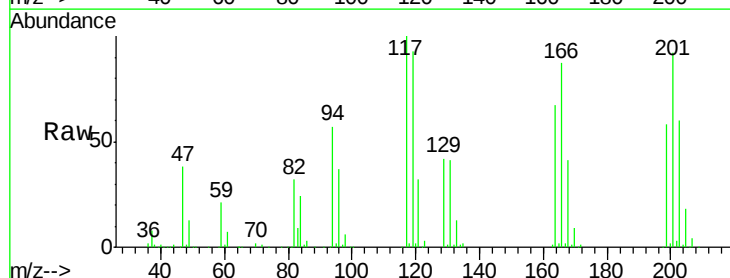
Acq: 26 Jun 2018 21:04

Tgt Ion: 117 Resp: 35336

Ion Ratio Lower Upper

117 100

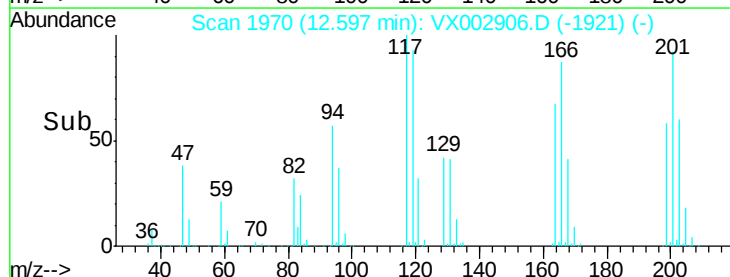
201 98.7 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002859.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX002859.D (-1964) (-)

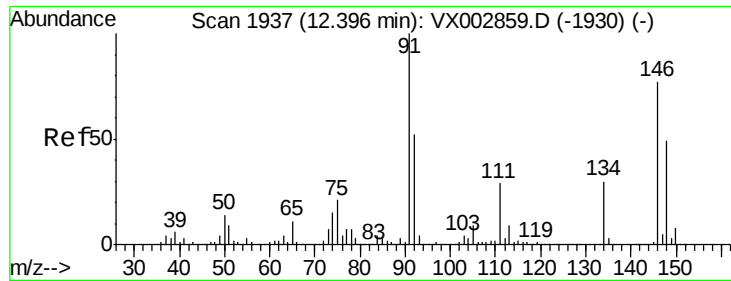
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX002906.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX002906.D (-1921) (-)

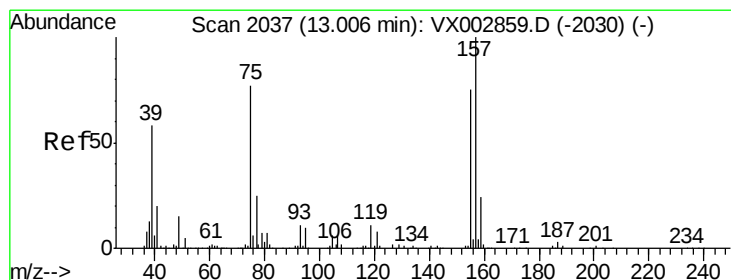
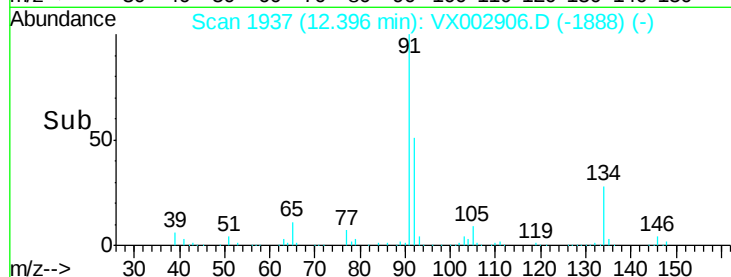
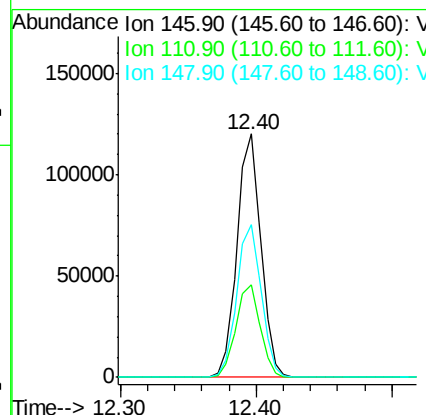
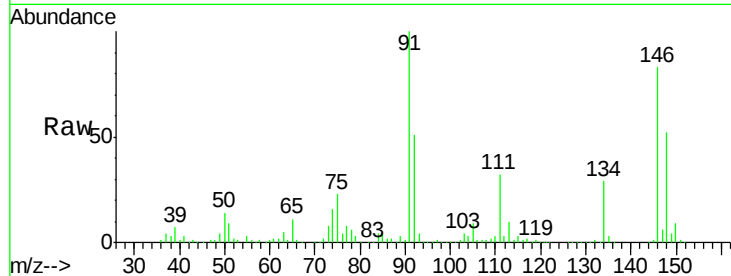
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 19.76 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

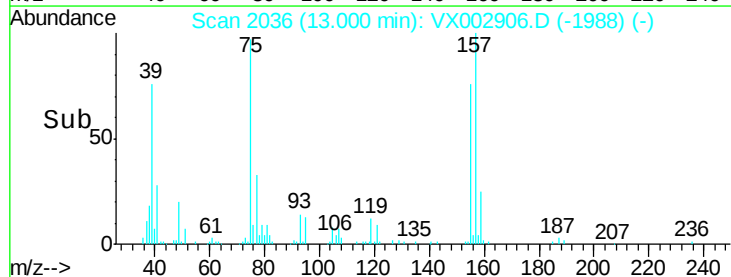
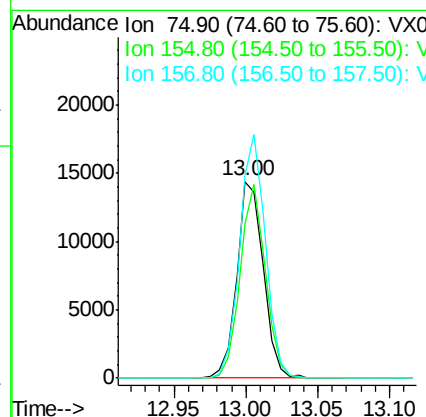
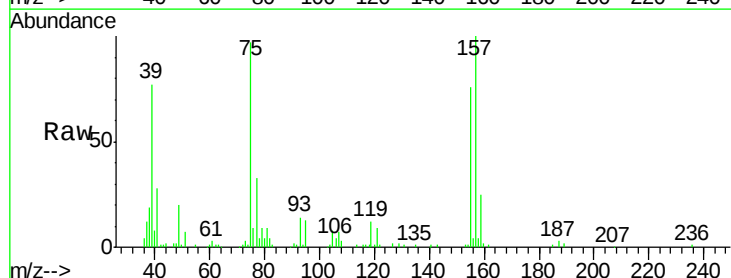
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 146940
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.1
 148 64.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.95 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion: 75 Resp: 18585
 Ion Ratio Lower Upper
 75 100
 155 93.4 45.8 137.4
 157 119.7 60.1 180.3

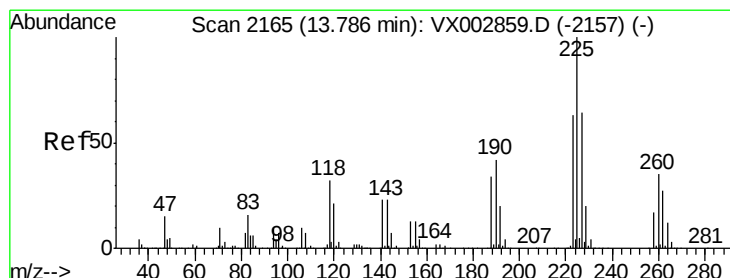
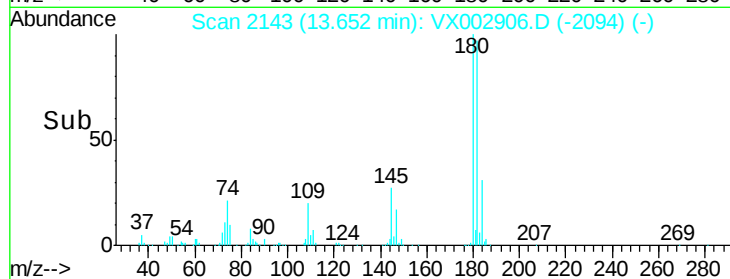
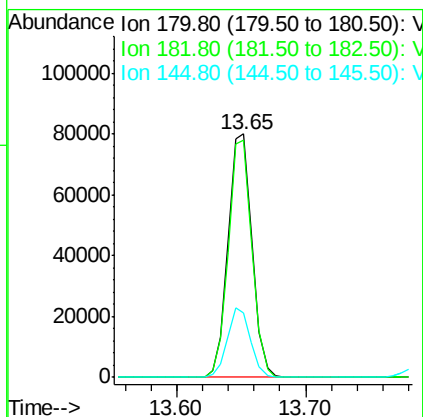
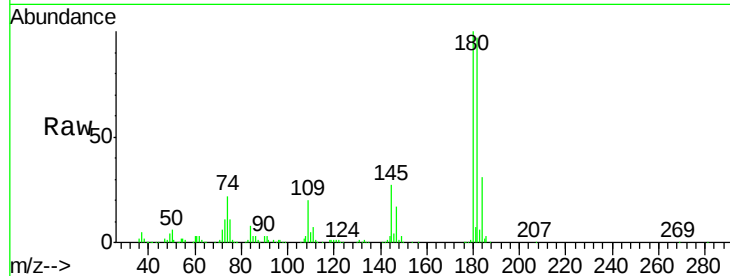




#93
 1,2,4-Trichlorobenzene
 Concen: 19.31 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

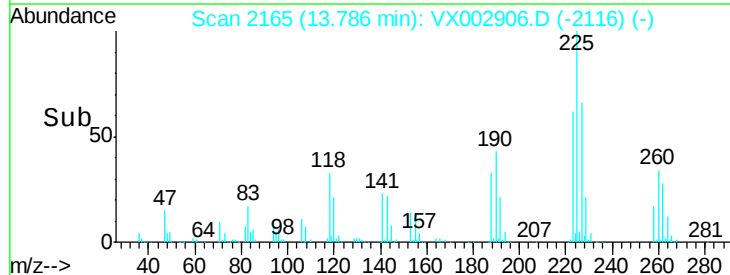
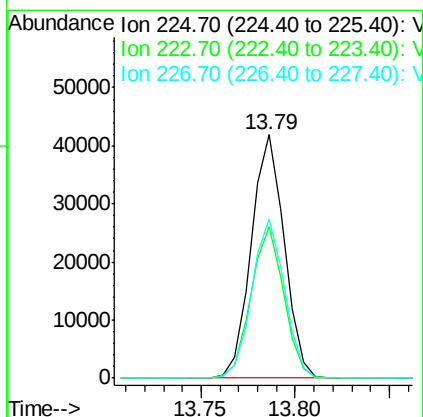
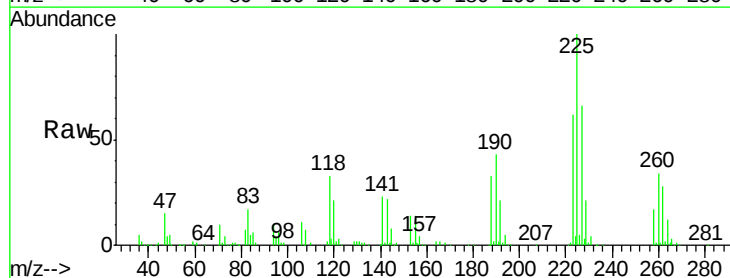
Instrument :
 MSVOA_X
 ClientSampleId :

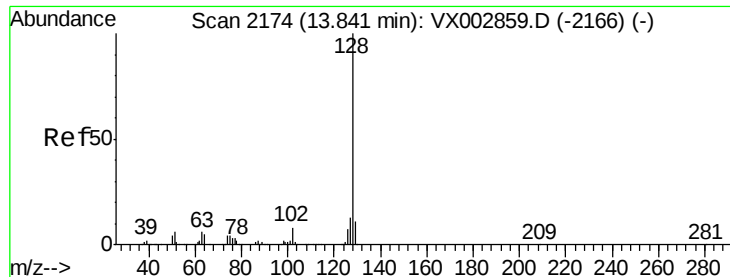
Tot Ion:180 Resp: 104495
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.7 143.1
 145 27.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.79 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion:225 Resp: 50720
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.6 95.0
 227 64.7 32.4 97.2

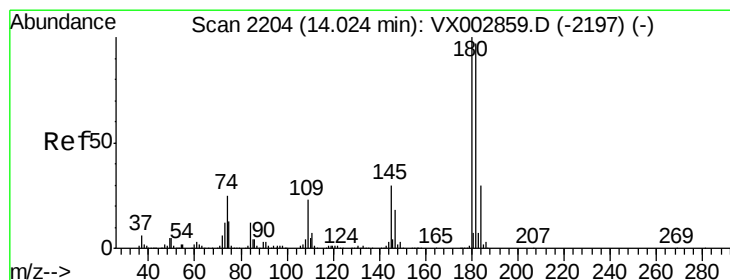
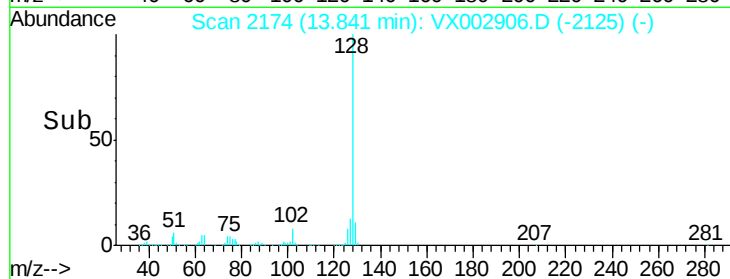
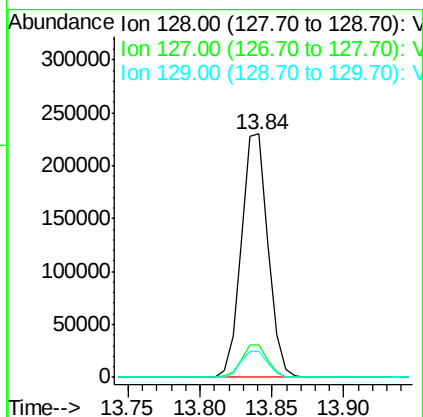
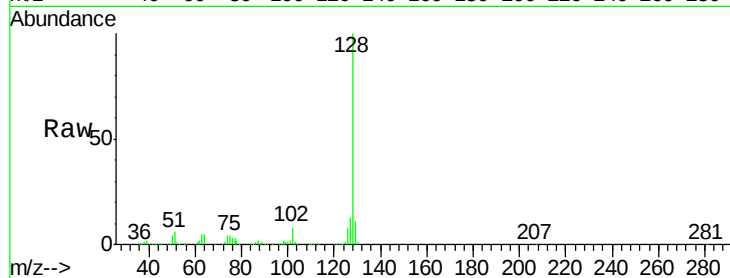




#95
Naphthalene
Concen: 20.43 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 294494
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.01 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion:180 Resp: 108175
Ion Ratio Lower Upper
180 100
182 95.7 48.0 144.0
145 29.6 14.8 44.3

