

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002201.D
 Acq On : 01 Jun 2018 05:08
 Operator : JC/MD
 Sample : VX0531WBSD04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 01 06:02:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	124242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	180218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	164856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	98430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	112117	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	5.51	113	79724	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
50) Toluene-d8	8.72	98	270025	41.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.78%	
62) 4-Bromofluorobenzene	11.14	95	100019	39.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26418	15.59	ug/l	99
3) Chloromethane	1.32	50	37426	19.58	ug/l	97
4) Vinyl Chloride	1.41	62	37988	20.58	ug/l	96
5) Bromomethane	1.64	94	25494	29.61	ug/l	95
6) Chloroethane	1.73	64	25515	23.45	ug/l	99
7) Trichlorofluoromethane	1.93	101	61644	22.24	ug/l	99
8) Diethyl Ether	2.19	74	28153	27.99	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34832	22.52	ug/l	96
10) Methyl Iodide	2.51	142	40775	19.48	ug/l	97
11) Tert butyl alcohol	3.07	59	91687	210.32	ug/l	97
12) 1,1-Dichloroethene	2.38	96	31716	21.90	ug/l	99
13) Acrolein	2.29	56	20863	110.69	ug/l	99
14) Allyl chloride	2.73	41	73239	24.09	ug/l	98
15) Acrylonitrile	3.15	53	159207	177.60	ug/l	100
16) Acetone	2.45	43	157441	183.69	ug/l	99
17) Carbon Disulfide	2.57	76	67729	16.25	ug/l	96
18) Methyl Acetate	2.78	43	81051	39.01	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	153849	28.25	ug/l	98
20) Methylene Chloride	2.86	84	42398	27.83	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	34328	23.51	ug/l	97
22) Diisopropyl ether	3.88	45	138835	22.45	ug/l	100
23) Vinyl Acetate	3.83	43	627756	122.45	ug/l	99
24) 1,1-Dichloroethane	3.70	63	73642	25.07	ug/l	98
25) 2-Butanone	4.71	43	220487	140.36	ug/l	99
26) 2,2-Dichloropropane	4.59	77	36940	12.43	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	38429	20.35	ug/l	87
28) Bromochloromethane	5.03	49	37372	29.44	ug/l	98
29) Tetrahydrofuran	5.17	42	142293	139.22	ug/l	99
30) Chloroform	5.23	83	68517	20.71	ug/l	100
31) Cyclohexane	5.58	56	53505	17.48	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	53869	17.46	ug/l	98
36) 1,1-Dichloropropene	5.81	75	42830	17.09	ug/l	97
37) Ethyl Acetate	4.87	43	81179	24.84	ug/l	99
38) Carbon Tetrachloride	5.79	117	45221	15.47	ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 01 06:02:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51840	16.83	ug/l	95
40) Benzene	6.15	78	142792	19.44	ug/l	99
41) Methacrylonitrile	5.07	41	45312	25.61	ug/l	98
42) 1,2-Dichloroethane	6.20	62	63322	21.59	ug/l	99
43) Isopropyl Acetate	6.47	43	121298	22.28	ug/l	100
44) Trichloroethene	7.22	130	38820	18.14	ug/l	97
45) 1,2-Dichloropropane	7.52	63	39513	19.81	ug/l	97
46) Dibromomethane	7.67	93	28774	21.79	ug/l	98
47) Bromodichloromethane	7.90	83	46977	16.69	ug/l	99
48) Methyl methacrylate	7.78	41	62370	22.50	ug/l	98
49) 1,4-Dioxane	7.76	88	29402	602.03	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	431492	131.45	ug/l	98
52) Toluene	8.79	92	86640	18.54	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	54043	16.67	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	49738	15.74	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	42030	21.53	ug/l	98
56) Ethyl methacrylate	9.18	69	68418	20.37	ug/l	98
57) 1,3-Dichloropropane	9.38	76	70565	21.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	40069	26.92	ug/l	100
59) 2-Hexanone	9.50	43	332417	131.34	ug/l	99
60) Dibromochloromethane	9.59	129	36638	15.84	ug/l	98
61) 1,2-Dibromoethane	9.68	107	43655	21.31	ug/l	99
64) Tetrachloroethene	9.34	164	42443	17.96	ug/l	99
65) Chlorobenzene	10.14	112	100296	19.20	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	36700	17.40	ug/l	100
67) Ethyl Benzene	10.26	91	164897	18.17	ug/l	100
68) m/p-Xylenes	10.36	106	123841	35.70	ug/l	99
69) o-Xylene	10.70	106	64386	18.59	ug/l	99
70) Styrene	10.71	104	102820	17.90	ug/l	99
71) Bromoform	10.86	173	27836	13.92	ug/l #	97
73) Isopropylbenzene	11.02	105	166438	19.97	ug/l	99
74) N-amyl acetate	6.47	43	121298	26.57	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	62647	26.90	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	77406	32.74	ug/l	81
77) Bromobenzene	11.26	156	46843	21.18	ug/l	96
78) n-propylbenzene	11.37	91	176294	18.88	ug/l	99
79) 2-Chlorotoluene	11.43	91	111692	20.45	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	138096	19.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14458	14.70	ug/l #	78
82) 4-Chlorotoluene	11.51	91	125261	19.02	ug/l	99
83) tert-Butylbenzene	11.77	119	134647	19.26	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	141926	19.28	ug/l	98
85) sec-Butylbenzene	11.95	105	159831	19.02	ug/l	99
86) p-Isopropyltoluene	12.07	119	138780	18.46	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	76516	19.32	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	77896	19.67	ug/l	99
89) n-Butylbenzene	12.39	91	107812	16.92	ug/l	99
90) Hexachloroethane	12.60	117	19308	13.02	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	83750	20.75	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15028	20.28	ug/l	97

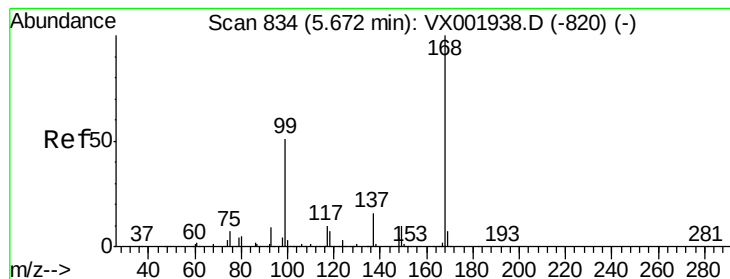
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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51871	17.98	ug/l	99
94) Hexachlorobutadiene	13.79	225	26157	16.85	ug/l	97
95) Naphthalene	13.84	128	202558	22.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	58221	19.50	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. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

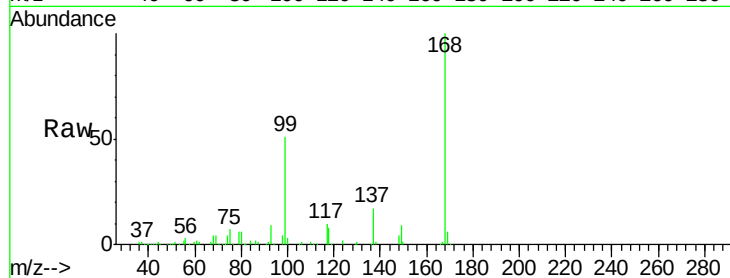
ClientSampled :

Tot Ion:168 Resp: 124242

Ion Ratio Lower Upper

168 100

99 50.7 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

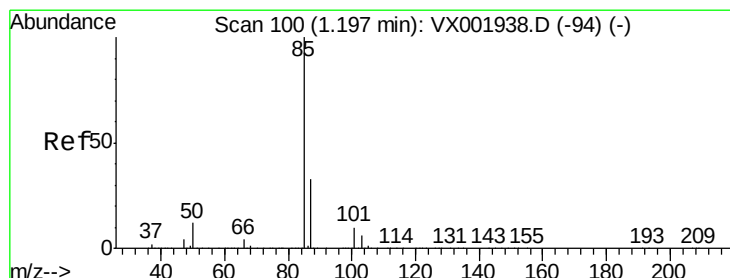
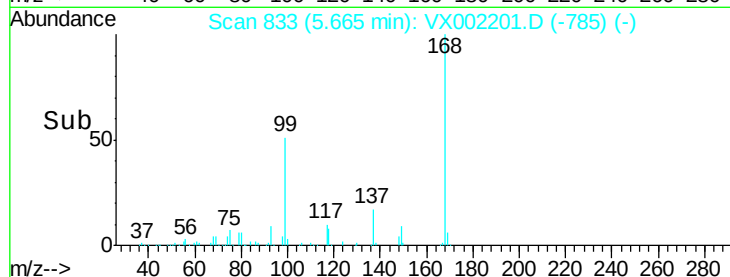
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 15.59 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002201.D

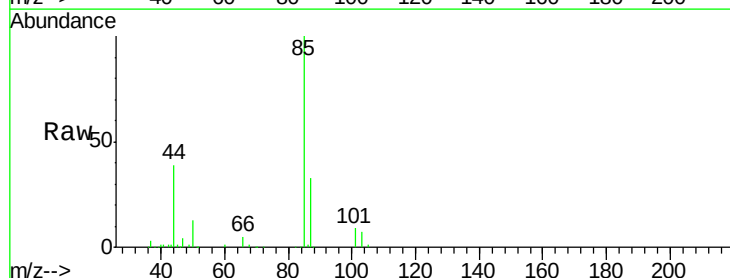
Acq: 01 Jun 2018 05:08

Tgt Ion: 85 Resp: 26418

Ion Ratio Lower Upper

85 100

87 32.9 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

25000

20000

15000

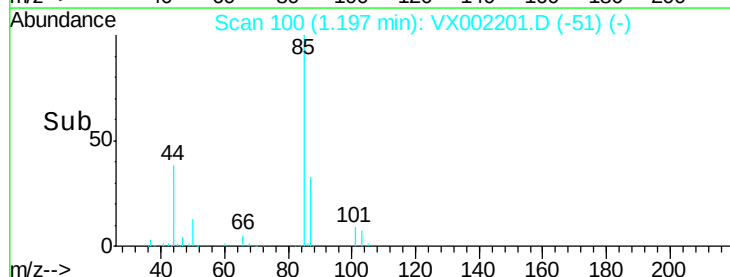
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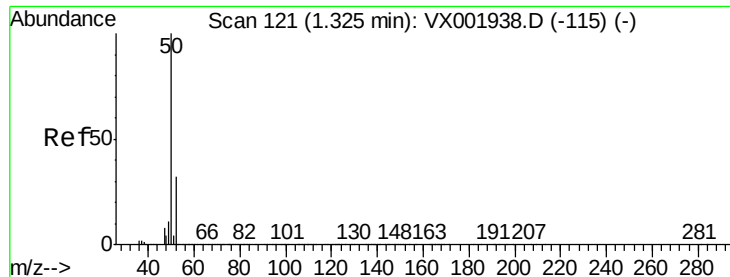
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.58 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

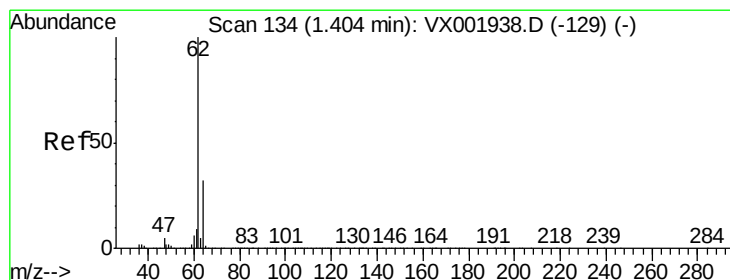
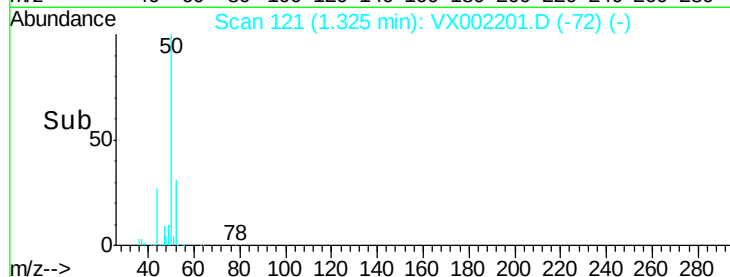
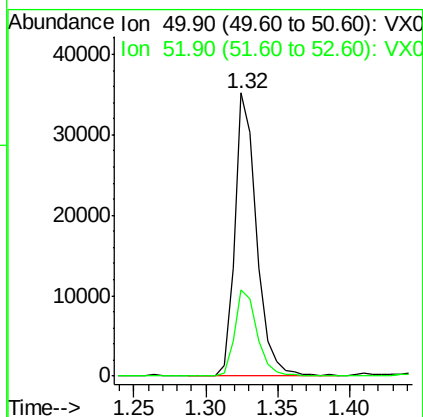
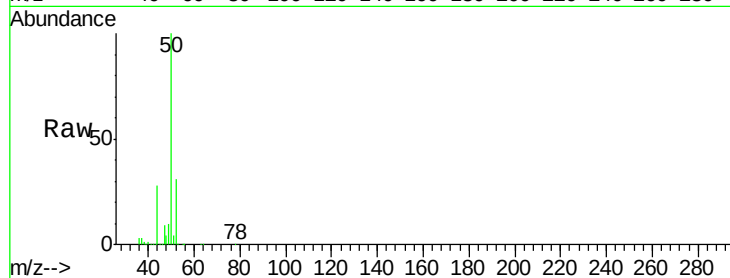
ClientSampleId :

Tot Ion: 50 Resp: 37426

Ion Ratio Lower Upper

50 100

52 30.6 26.0 39.0



#4

Vinyl Chloride

Concen: 20.58 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002201.D

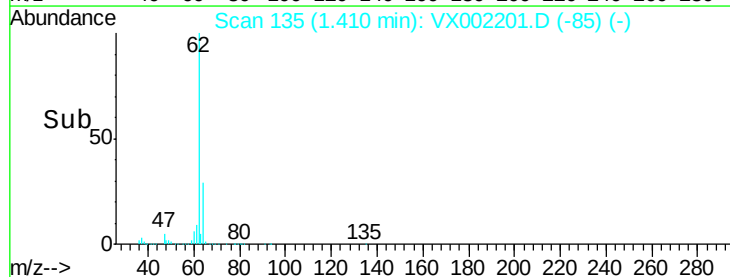
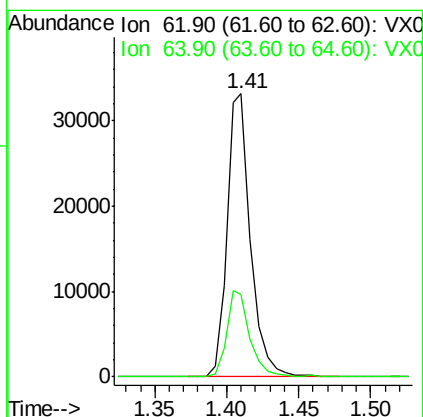
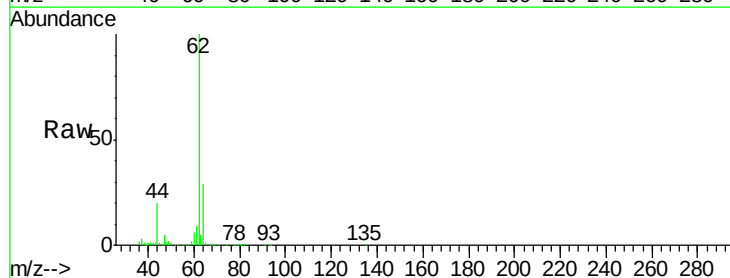
Acq: 01 Jun 2018 05:08

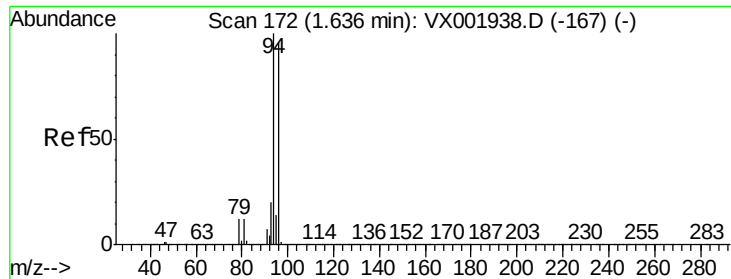
Tgt Ion: 62 Resp: 37988

Ion Ratio Lower Upper

62 100

64 29.2 25.4 38.0





#5

Bromomethane

Concen: 29.61 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

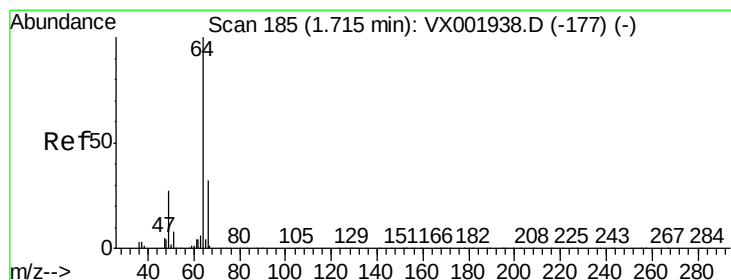
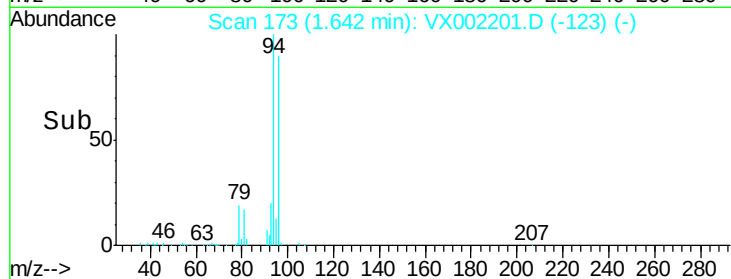
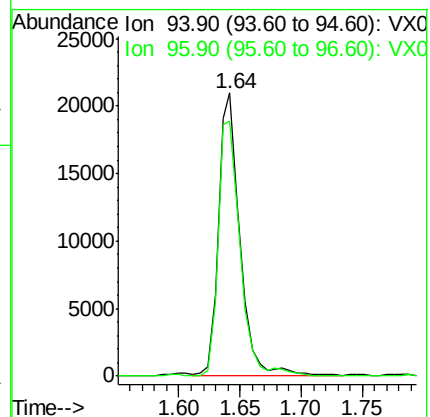
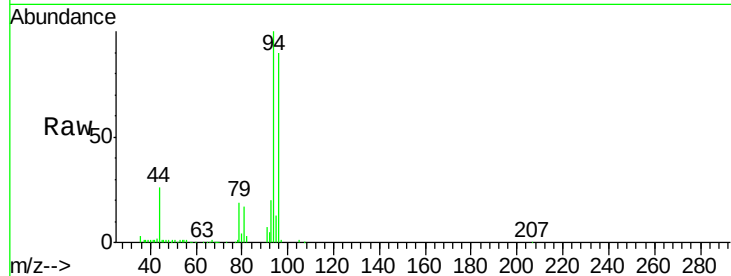
ClientSampleId :

Tot Ion: 94 Resp: 25494

Ion Ratio Lower Upper

94 100

96 90.2 75.9 113.9



#6

Chloroethane

Concen: 23.45 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002201.D

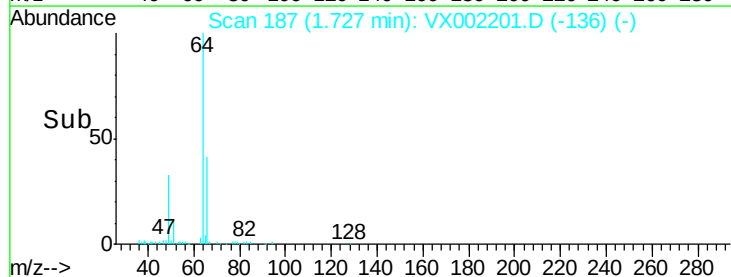
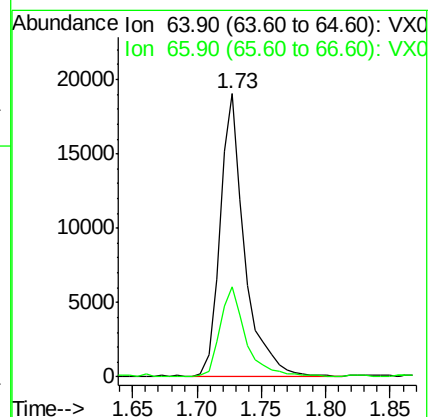
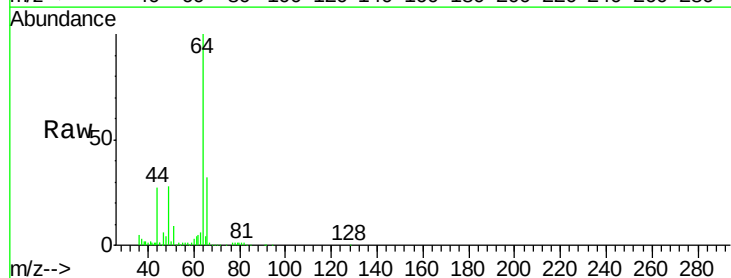
Acq: 01 Jun 2018 05:08

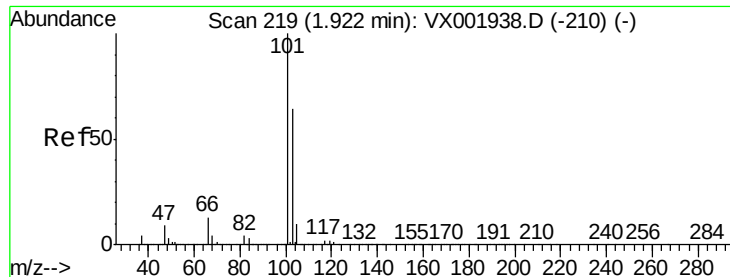
Tgt Ion: 64 Resp: 25515

Ion Ratio Lower Upper

64 100

66 31.6 25.6 38.4



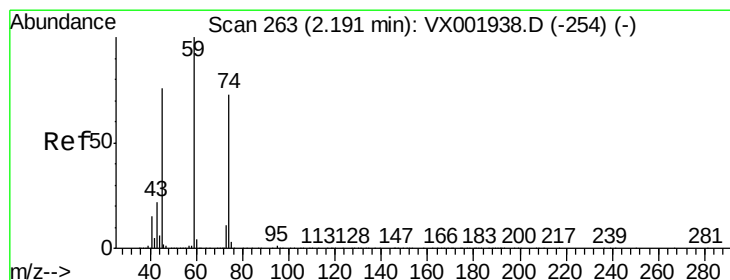
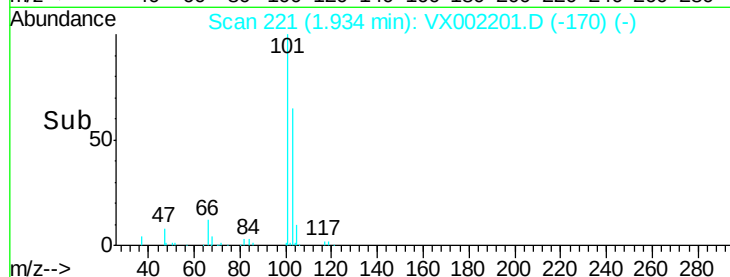
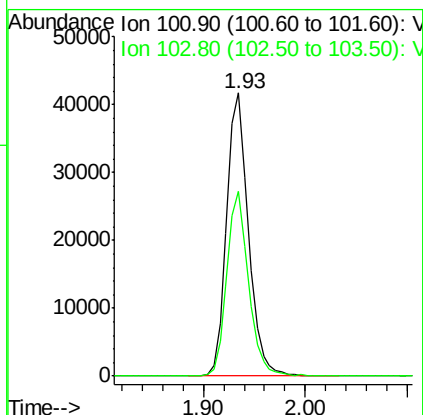
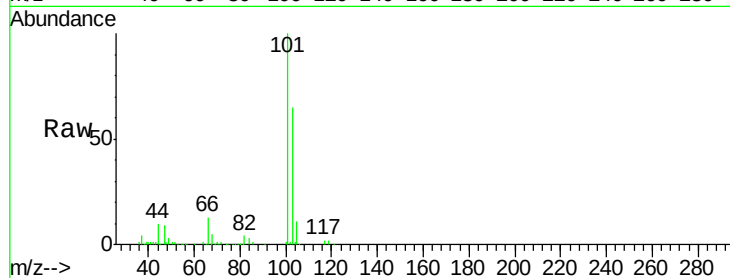


#7

Trichlorofluoromethane
Concen: 22.24 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampled :

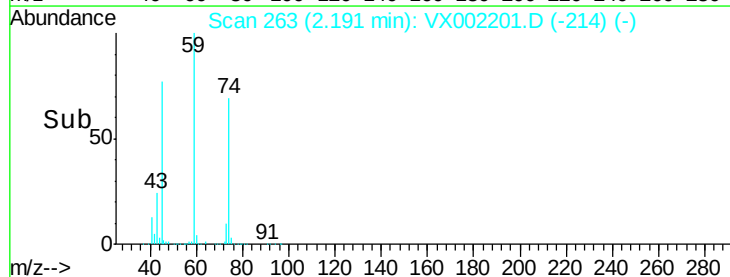
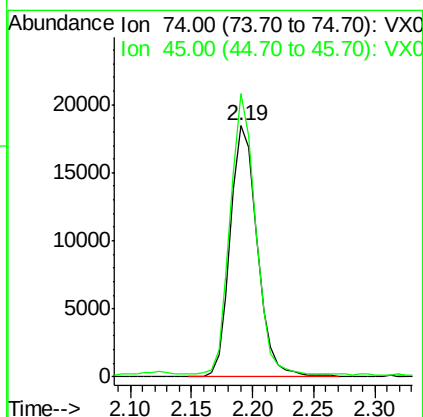
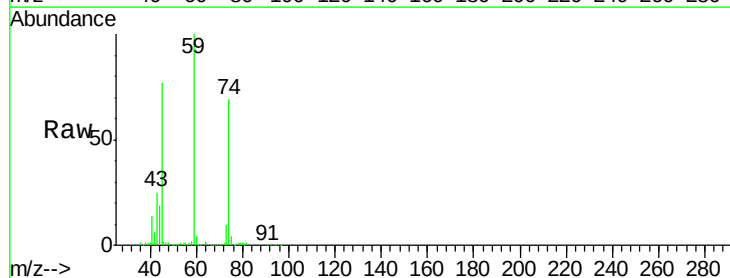
Tot Ion:101 Resp: 61644
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

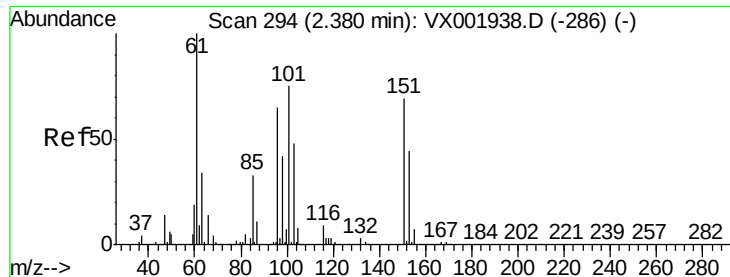


#8

Diethyl Ether
Concen: 27.99 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion: 74 Resp: 28153
Ion Ratio Lower Upper
74 100
45 106.2 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.52 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

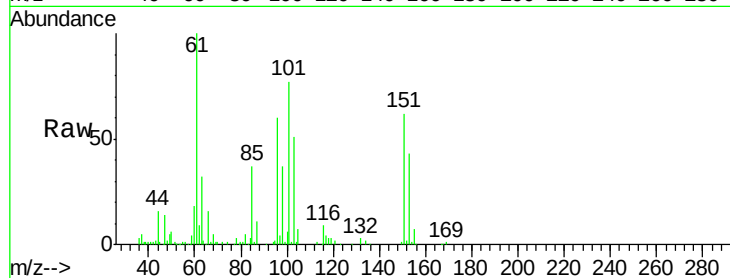
Tot Ion:101 Resp: 34832

Ion Ratio Lower Upper

101 100

85 46.4 35.6 53.4

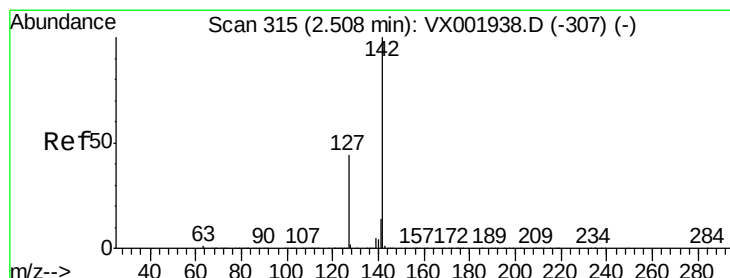
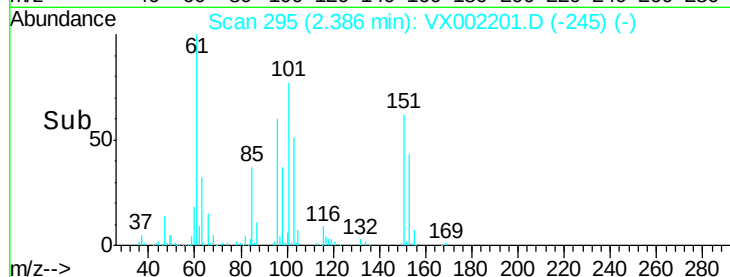
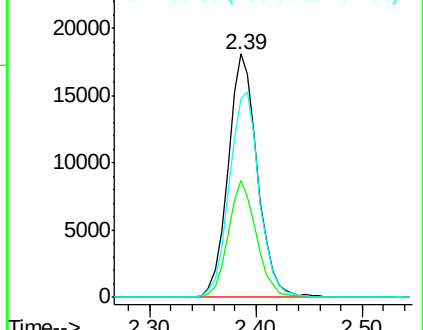
151 86.5 73.2 109.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.48 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

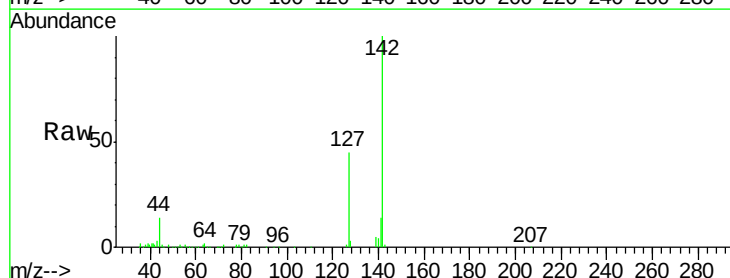
Tgt Ion:142 Resp: 40775

Ion Ratio Lower Upper

142 100

127 47.0 35.5 53.3

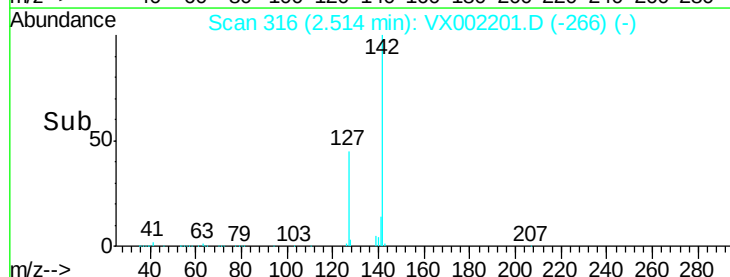
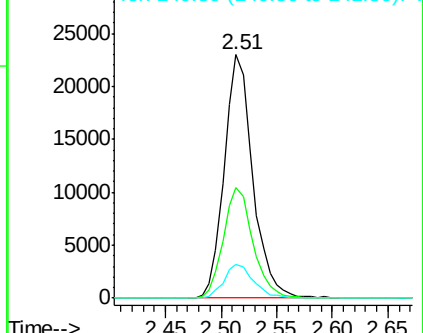
141 14.5 11.3 16.9

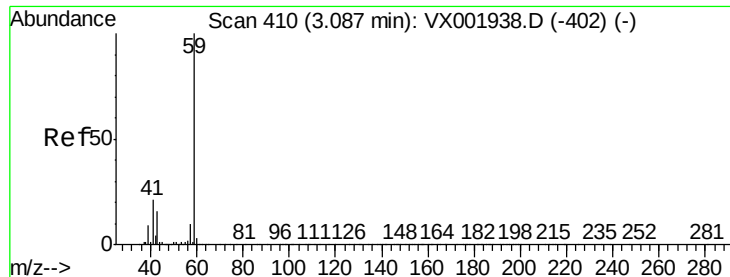


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



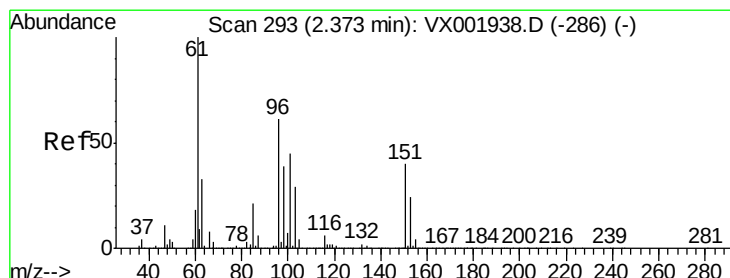
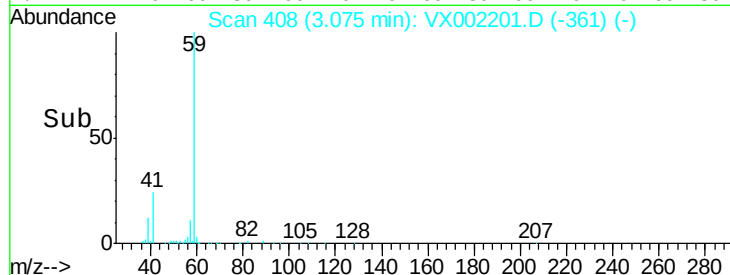
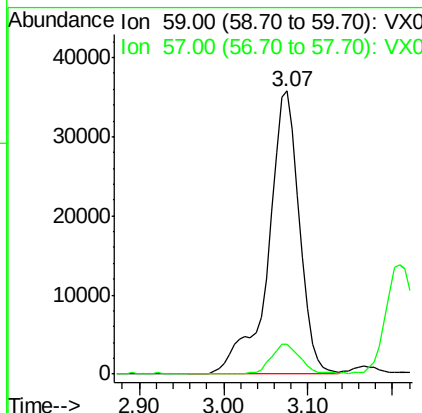
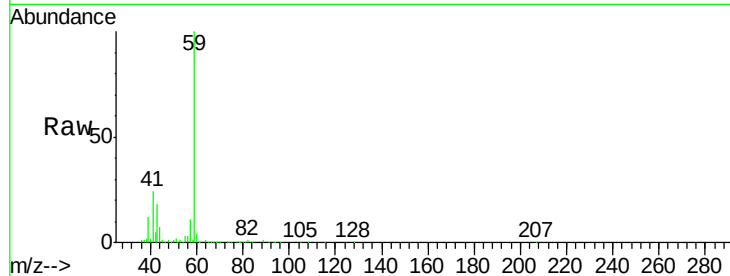


#11

Tert butyl alcohol
Concen: 210.32 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :

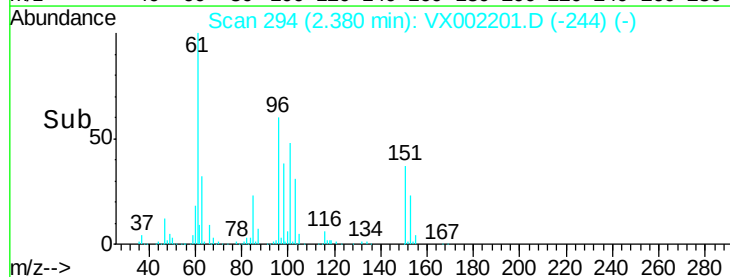
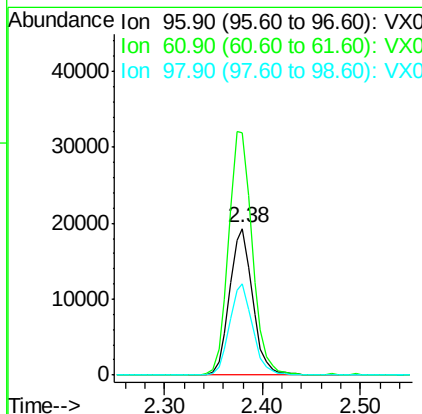
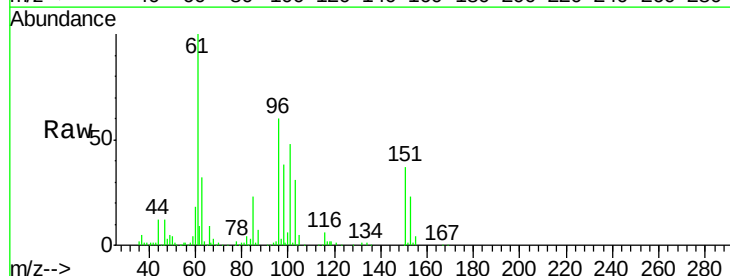
Tot Ion: 59 Resp: 91687
Ion Ratio Lower Upper
59 100
57 10.0 8.9 13.3

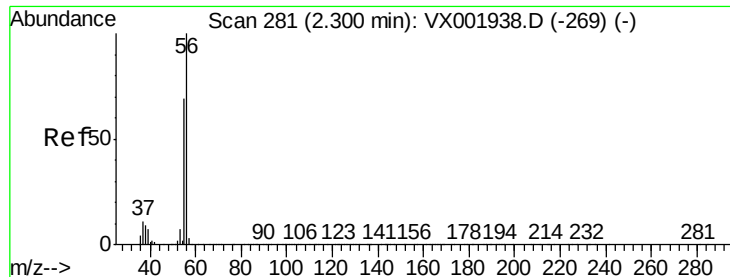


#12

1,1-Dichloroethene
Concen: 21.90 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion: 96 Resp: 31716
Ion Ratio Lower Upper
96 100
61 165.6 131.7 197.5
98 62.3 51.6 77.4





#13

Acrolein

Concen: 110.69 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

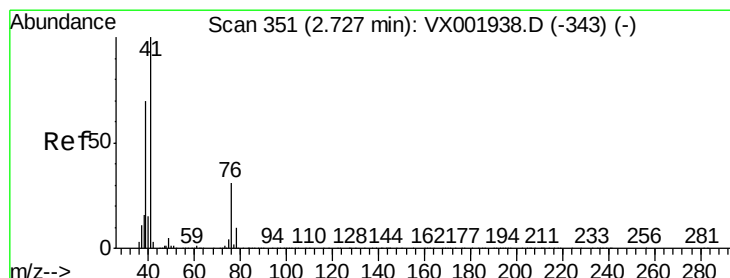
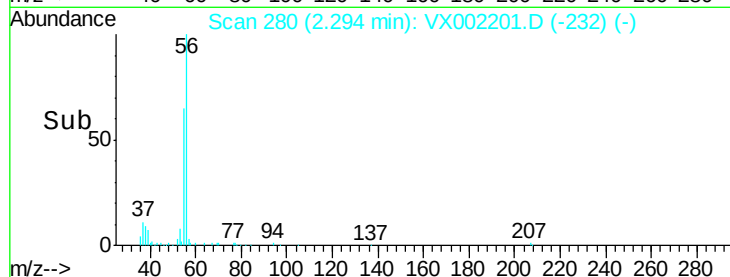
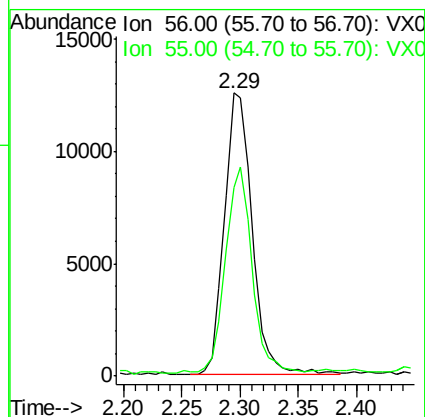
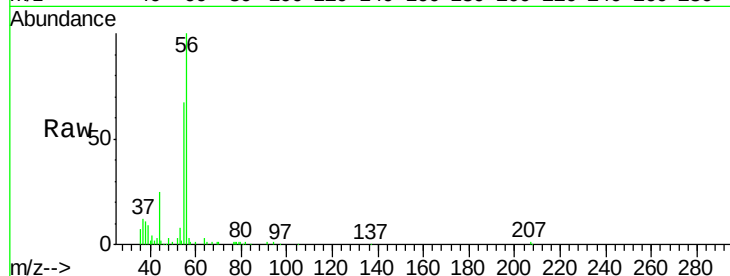
ClientSampleId :

Tot Ion: 56 Resp: 20863

Ion Ratio Lower Upper

56 100

55 70.1 56.8 85.2



#14

Allyl chloride

Concen: 24.09 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

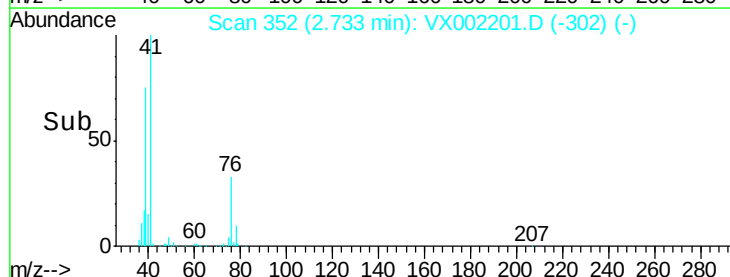
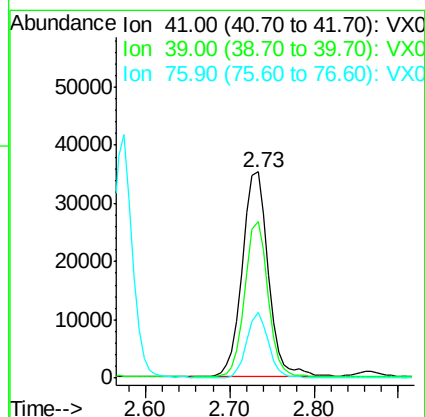
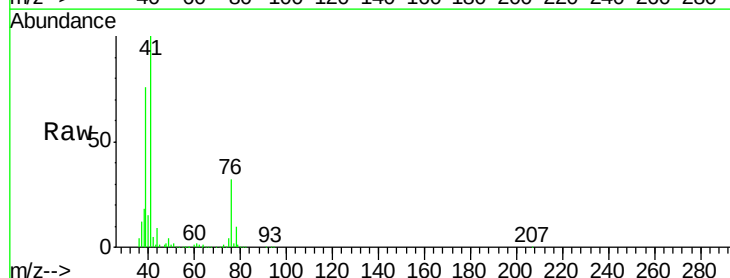
Tgt Ion: 41 Resp: 73239

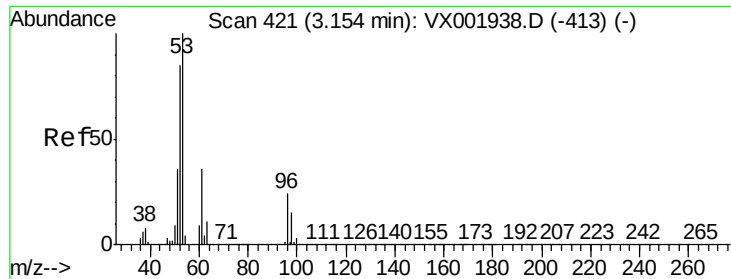
Ion Ratio Lower Upper

41 100

39 67.8 54.3 81.5

76 27.0 24.2 36.4





#15

Acrylonitrile

Concen: 177.60 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampled :

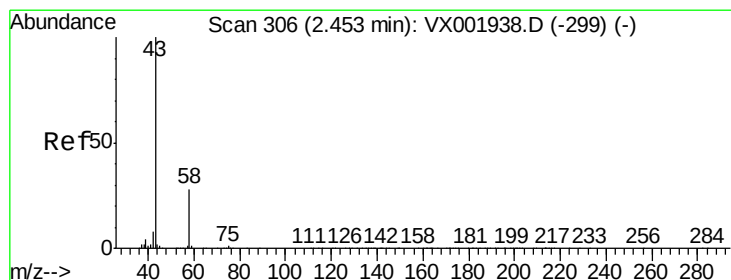
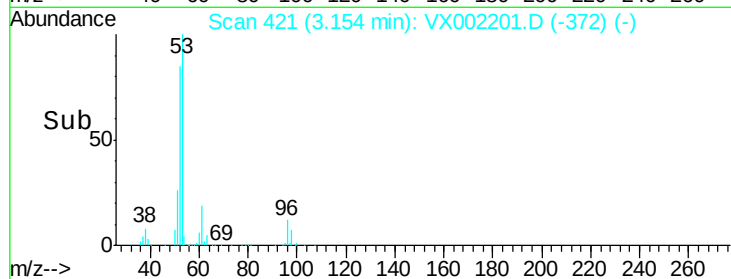
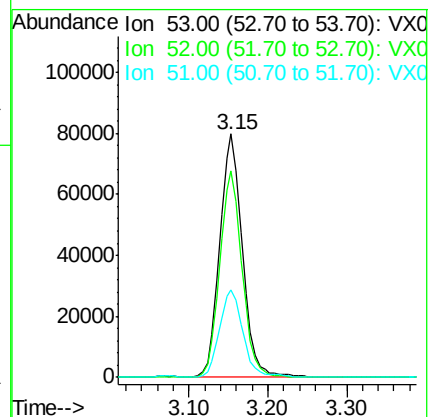
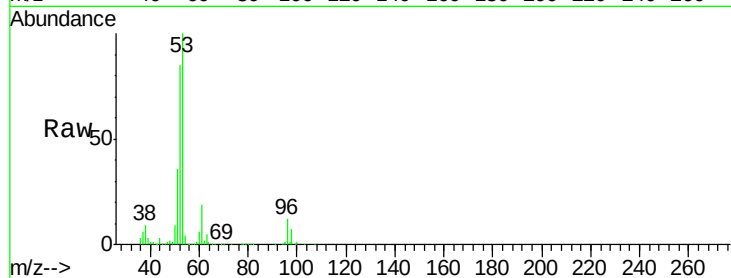
Tot Ion: 53 Resp: 159207

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

51 36.7 29.3 43.9



#16

Acetone

Concen: 183.69 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002201.D

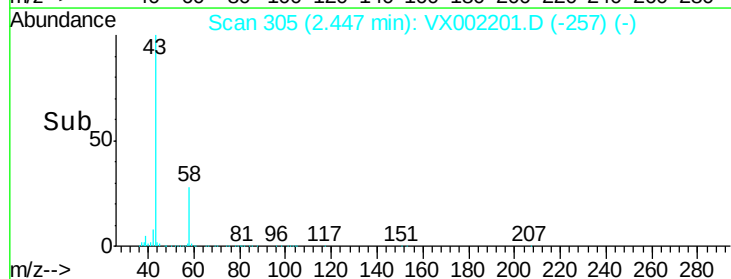
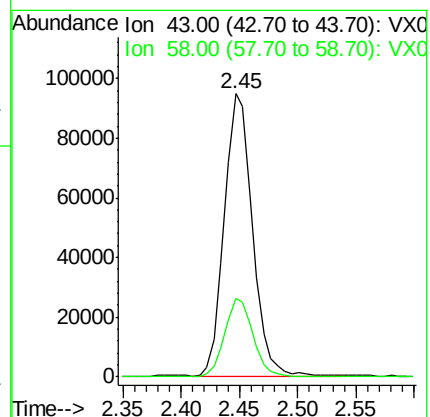
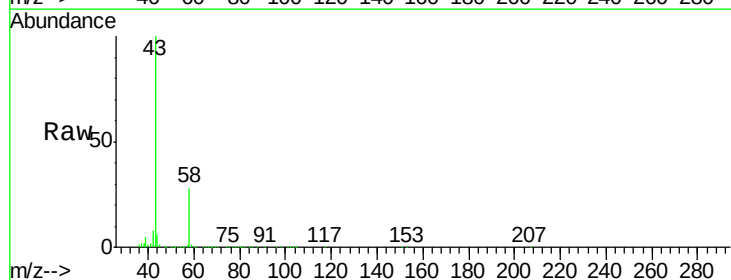
Acq: 01 Jun 2018 05:08

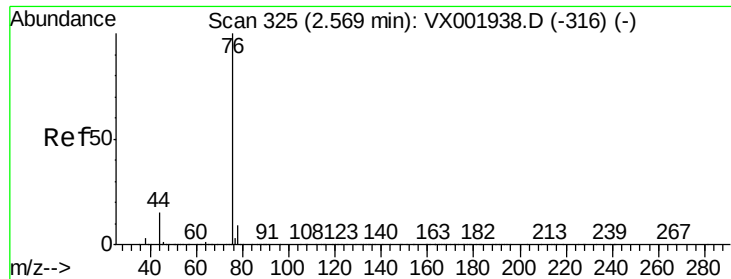
Tgt Ion: 43 Resp: 157441

Ion Ratio Lower Upper

43 100

58 27.6 22.3 33.5

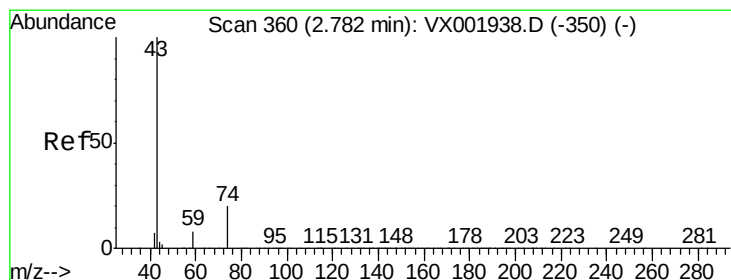
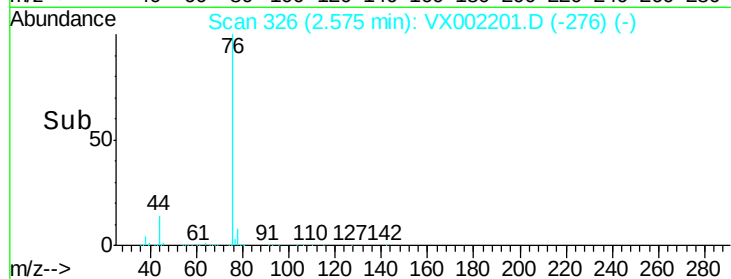
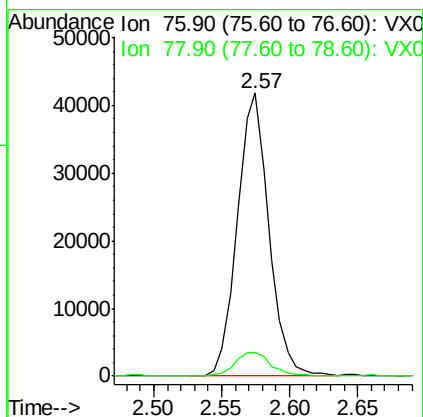
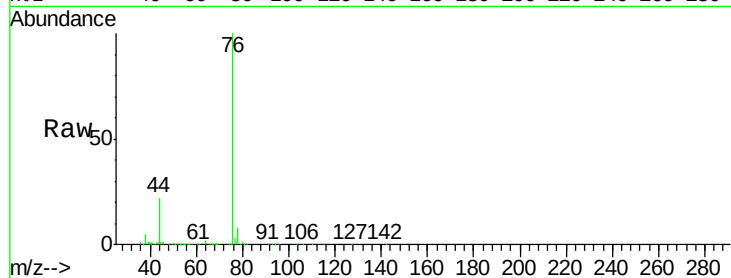




#17
Carbon Disulfide
Concen: 16.25 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

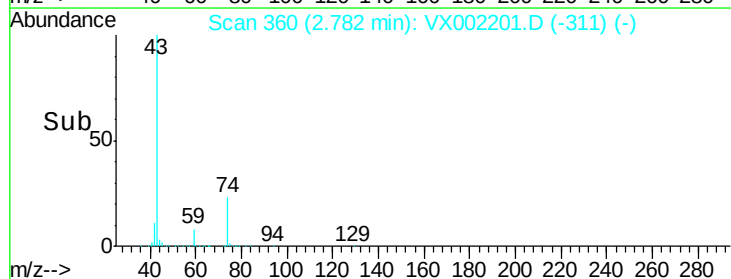
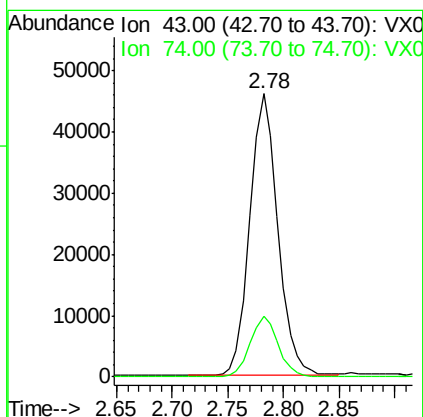
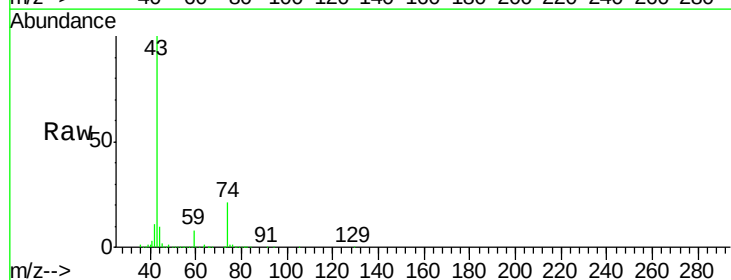
Instrument :
MSVOA_X
ClientSampleId :

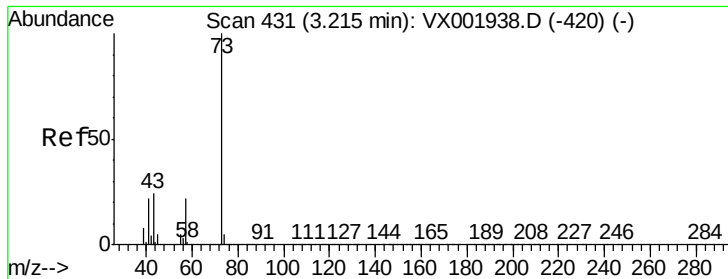
Tot Ion: 76 Resp: 67729
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.2



#18
Methyl Acetate
Concen: 39.01 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion: 43 Resp: 81051
Ion Ratio Lower Upper
43 100
74 21.8 16.8 25.2



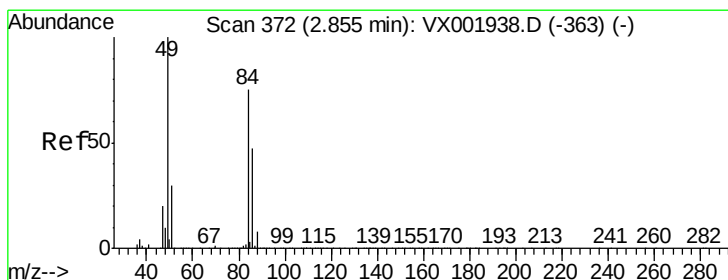
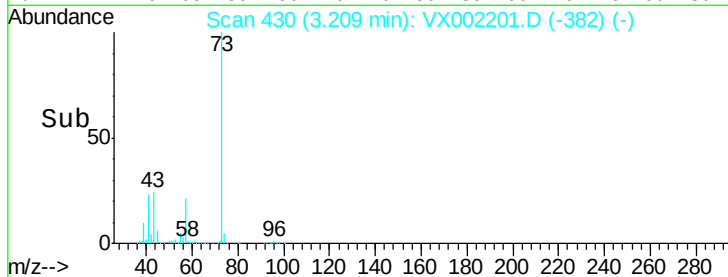
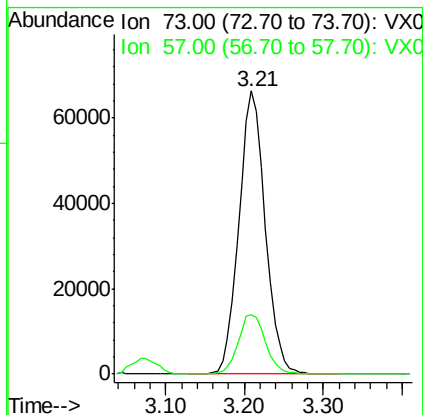
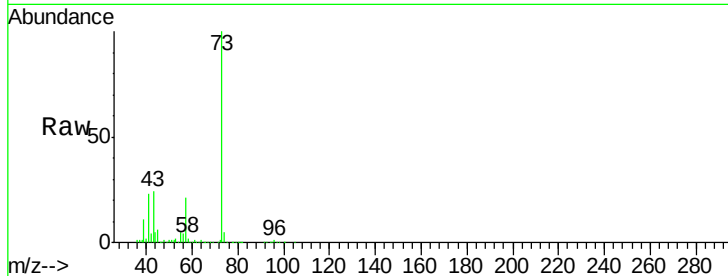


#19

Methyl tert-butyl Ether
 Concen: 28.25 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :

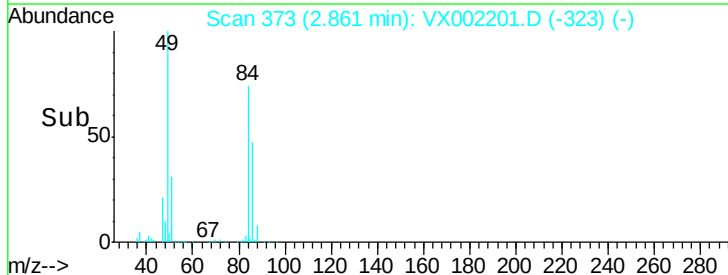
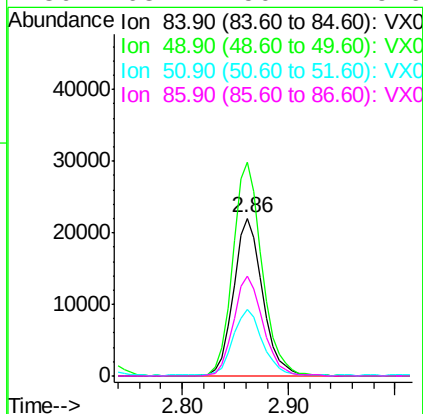
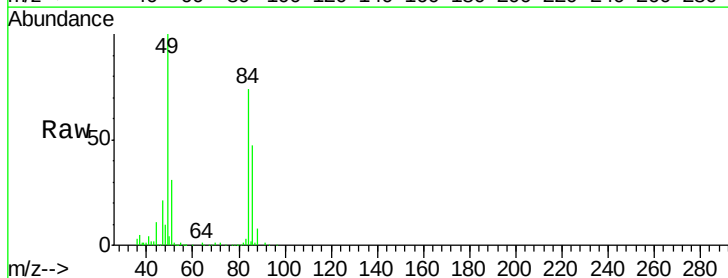
Tot Ion: 73 Resp: 153849
 Ion Ratio Lower Upper
 73 100
 57 20.6 17.4 26.0

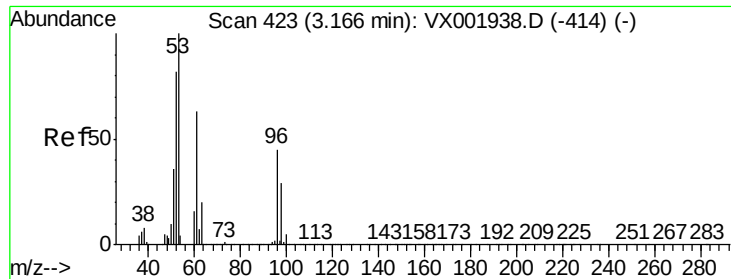


#20

Methylene Chloride
 Concen: 27.83 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Tgt Ion: 84 Resp: 42398
 Ion Ratio Lower Upper
 84 100
 49 135.1 107.2 160.8
 51 41.8 32.4 48.6
 86 63.4 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 23.51 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

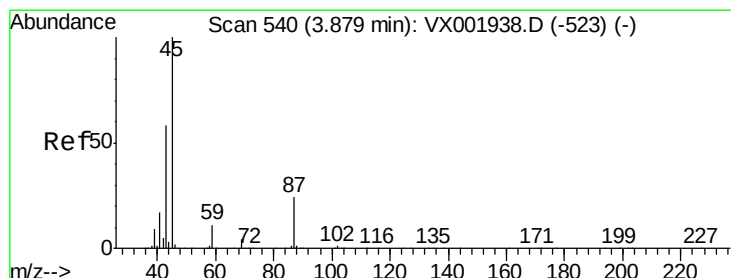
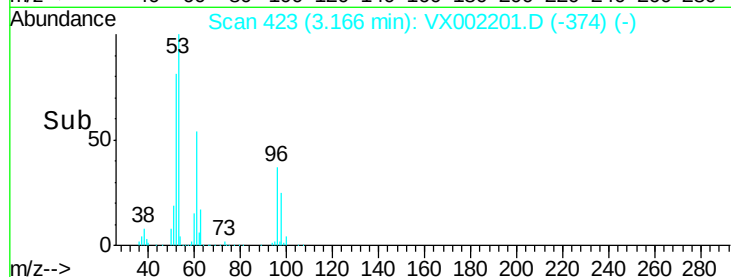
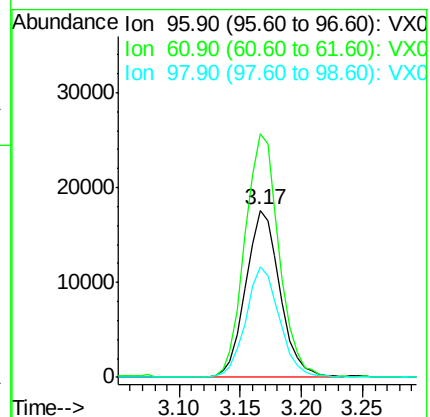
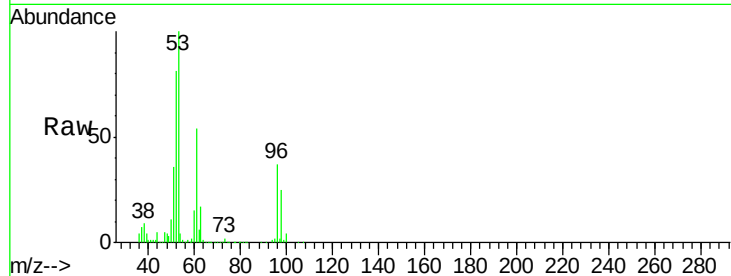
Tot Ion: 96 Resp: 34328

Ion Ratio Lower Upper

96 100

61 145.4 113.3 169.9

98 66.3 51.7 77.5



#22

Diisopropyl ether

Concen: 22.45 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Tgt Ion: 45 Resp: 138835

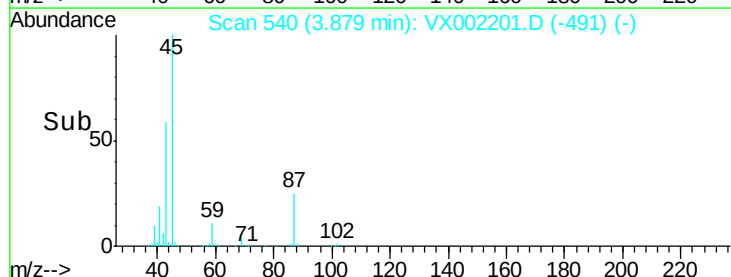
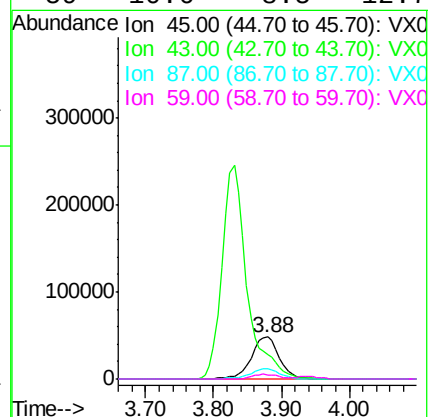
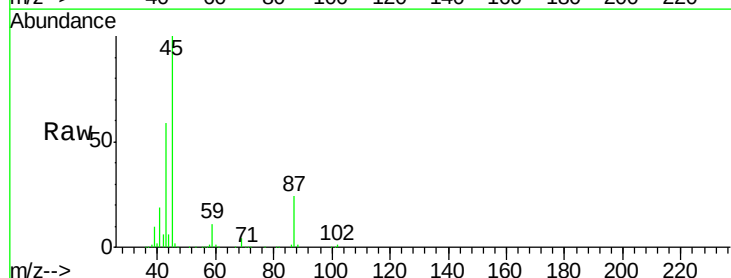
Ion Ratio Lower Upper

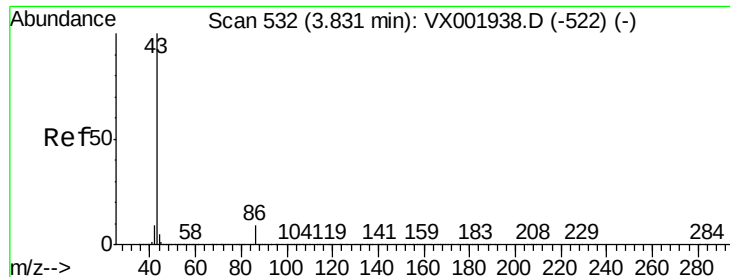
45 100

43 58.8 47.0 70.6

87 24.5 19.4 29.0

59 10.6 8.5 12.7

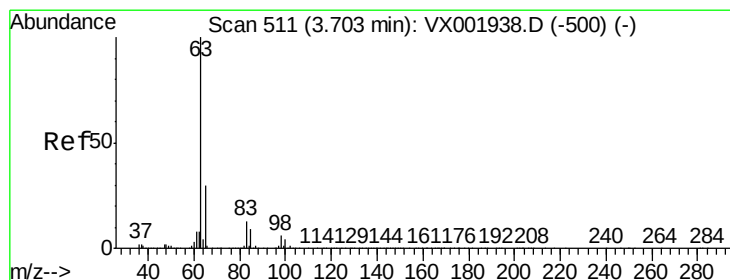
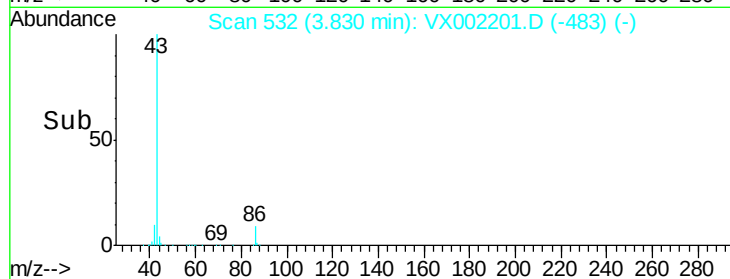
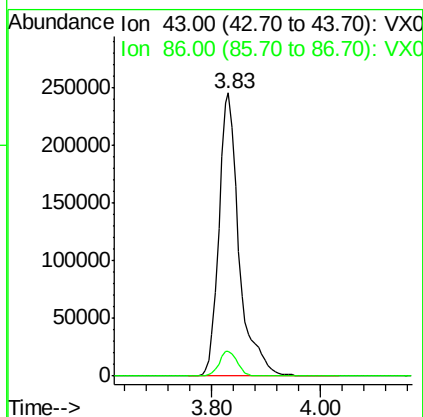
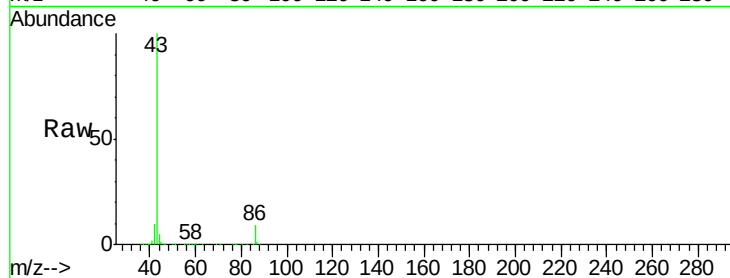




#23
 Vinyl Acetate
 Concen: 122.45 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

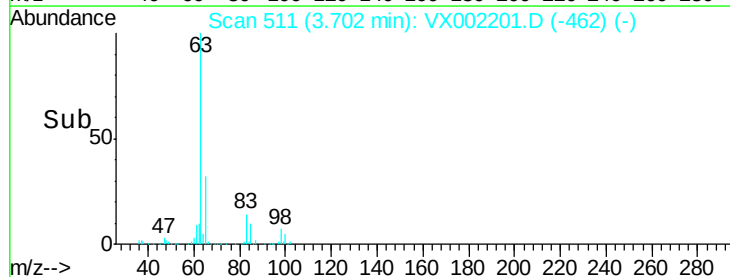
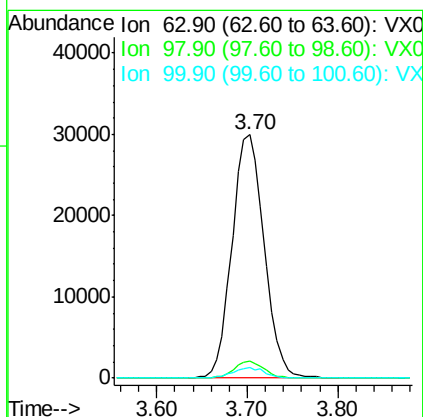
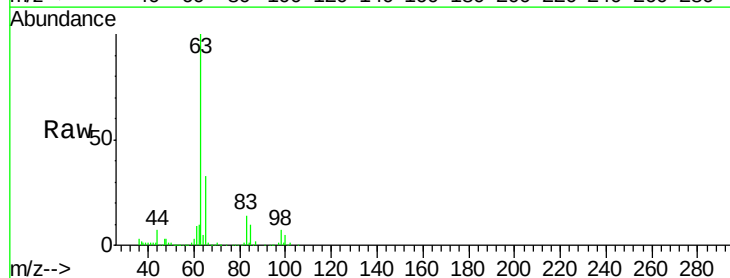
Instrument :
 MSVOA_X
 ClientSampled :

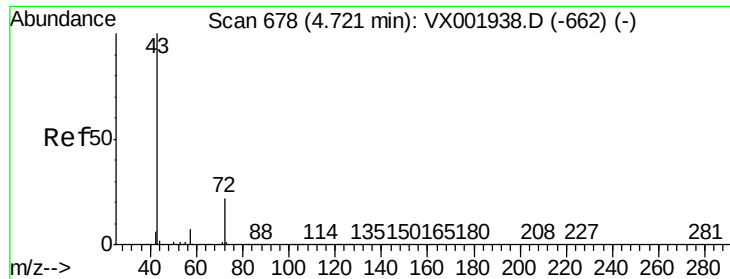
Tot Ion: 43 Resp: 627756
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 25.07 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Tgt Ion: 63 Resp: 73642
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 140.36 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

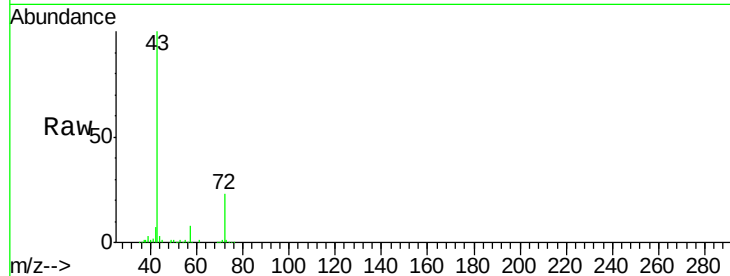
ClientSampled :

Tot Ion: 43 Resp: 220487

Ion Ratio Lower Upper

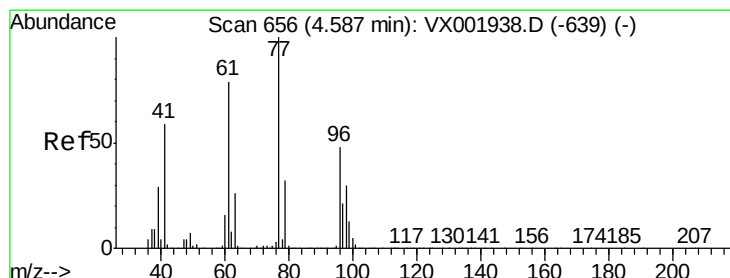
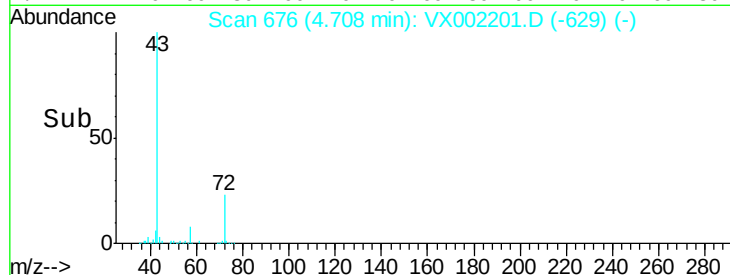
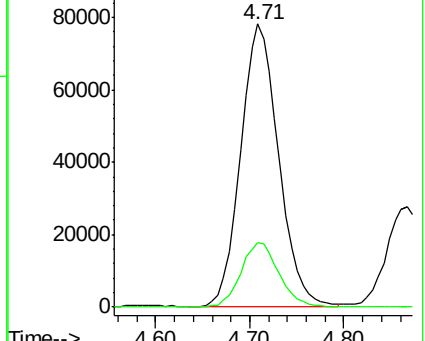
43 100

72 22.7 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 12.43 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002201.D

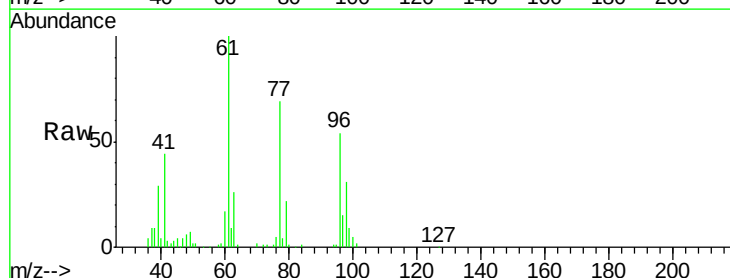
Acq: 01 Jun 2018 05:08

Tgt Ion: 77 Resp: 36940

Ion Ratio Lower Upper

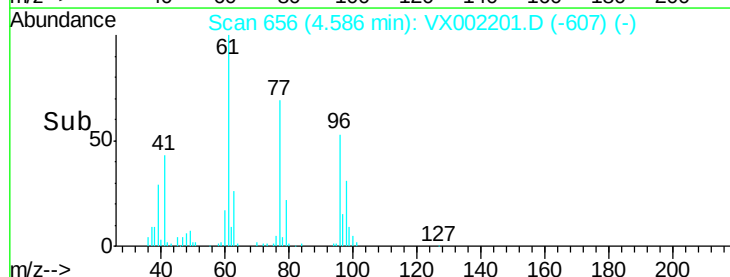
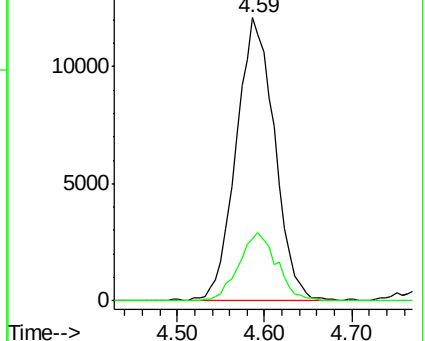
77 100

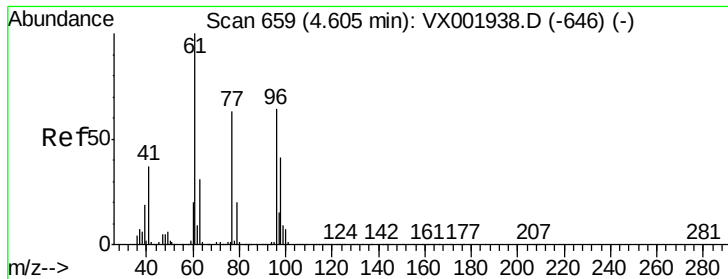
97 23.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



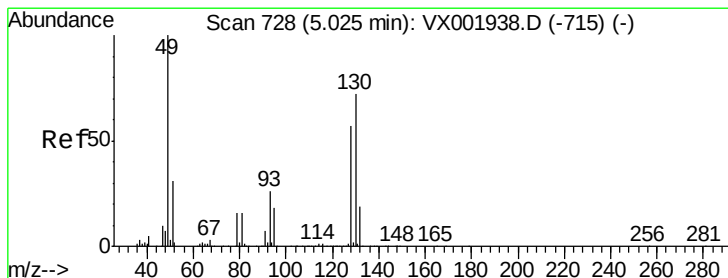
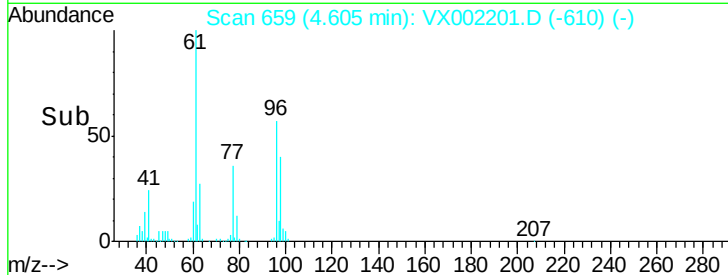
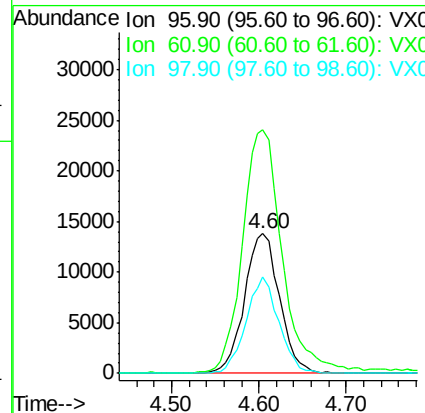
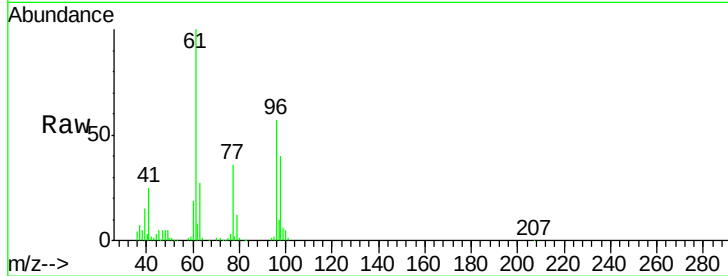


#27

cis-1,2-Dichloroethene
 Concen: 20.35 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Instrument :
 MSVOA_X
 ClientSampled :

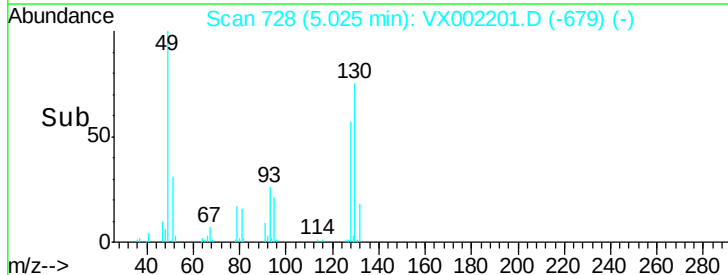
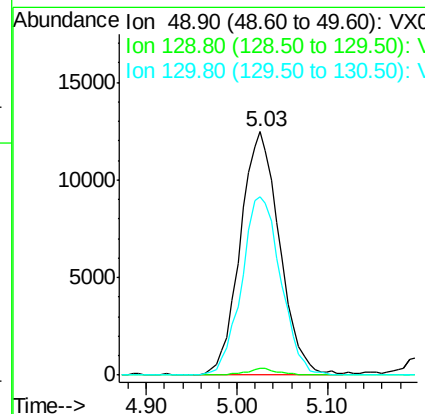
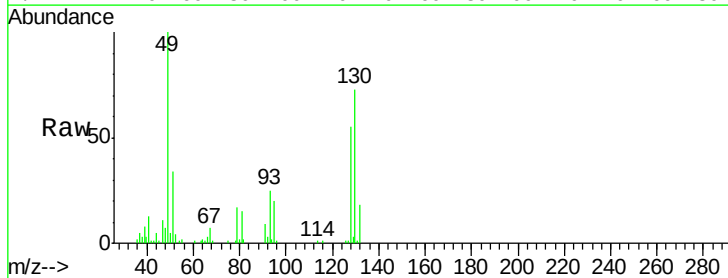
Tot Ion	96	Resp	38429
Ion	Ratio	Lower	Upper
96	100		
61	198.5	0.0	348.4
98	64.5	0.0	128.6

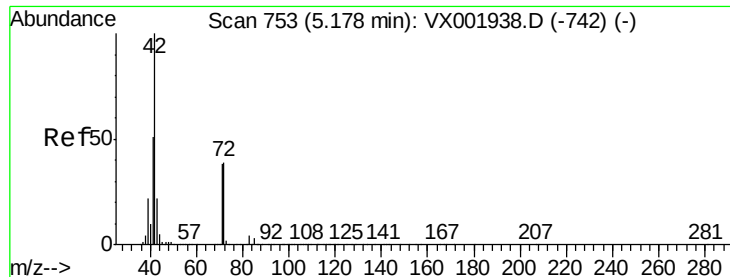


#28

Bromochloromethane
 Concen: 29.44 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Tgt Ion	49	Resp	37372
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	73.0	59.4	89.2





#29

Tetrahydrofuran

Concen: 139.22 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

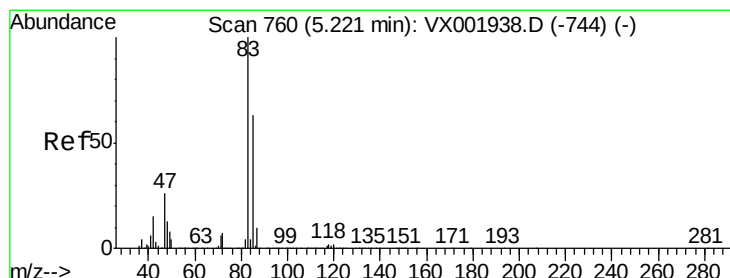
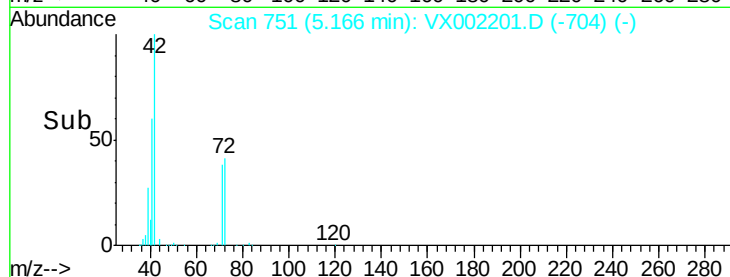
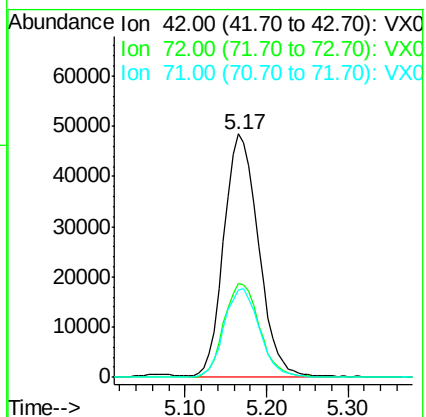
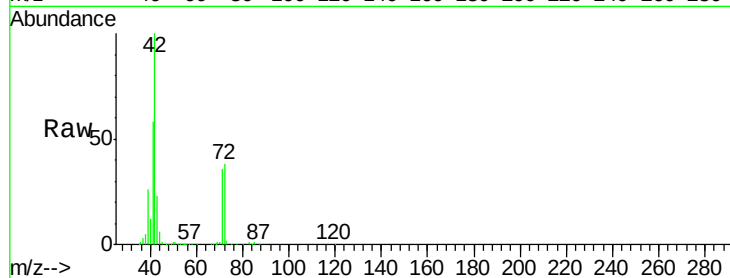
Tot Ion: 42 Resp: 142293

Ion Ratio Lower Upper

42 100

72 39.9 31.4 47.0

71 37.4 29.5 44.3



#30

Chloroform

Concen: 20.71 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX002201.D

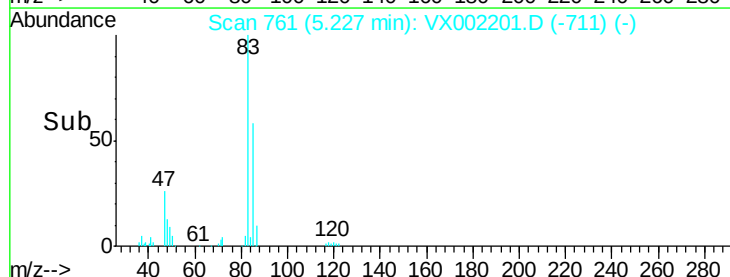
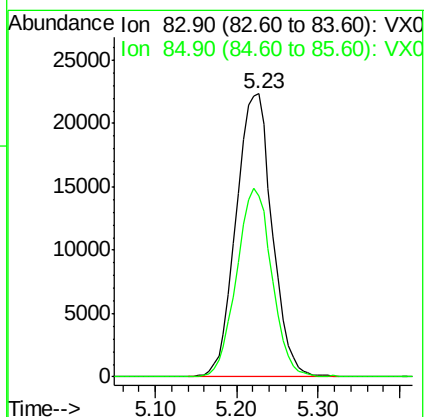
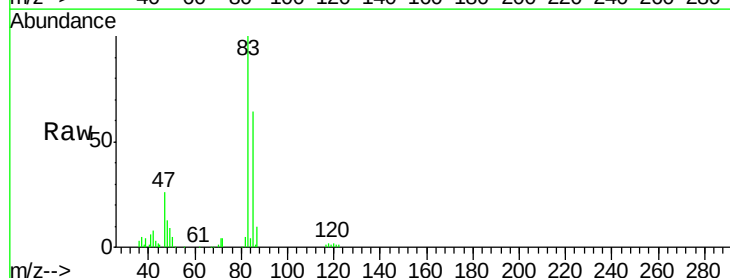
Acq: 01 Jun 2018 05:08

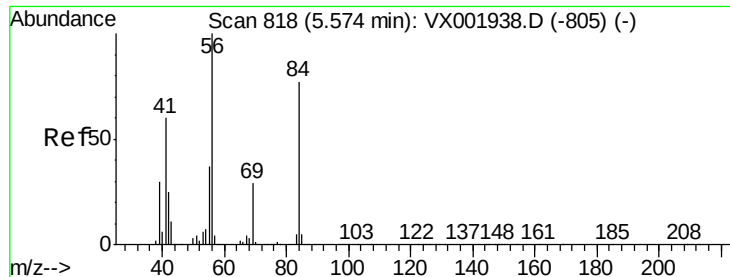
Tgt Ion: 83 Resp: 68517

Ion Ratio Lower Upper

83 100

85 63.9 50.9 76.3

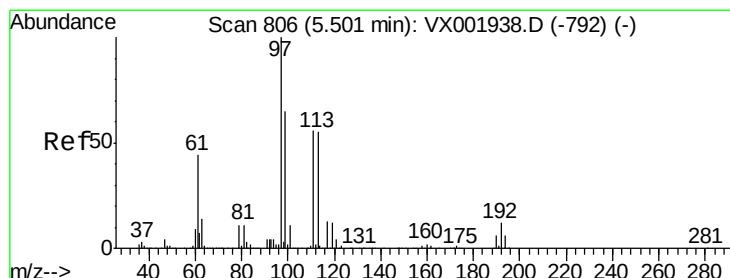
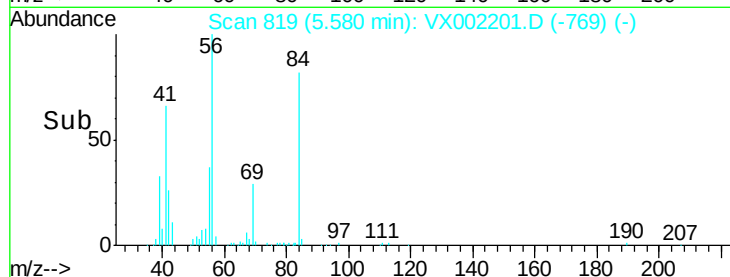
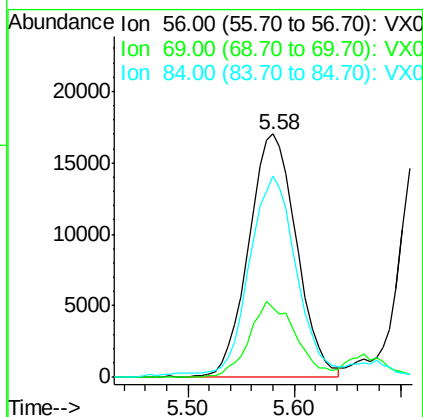
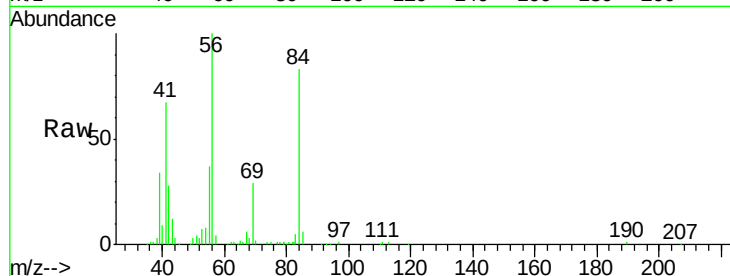




#31
Cyclohexane
Concen: 17.48 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

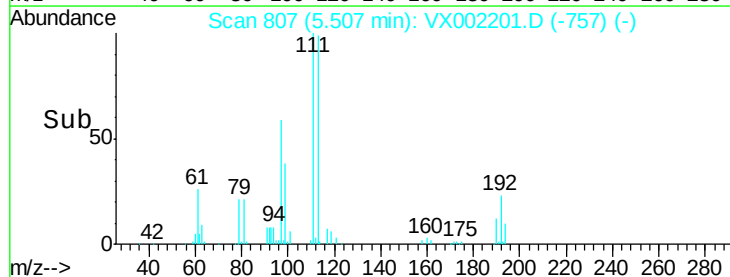
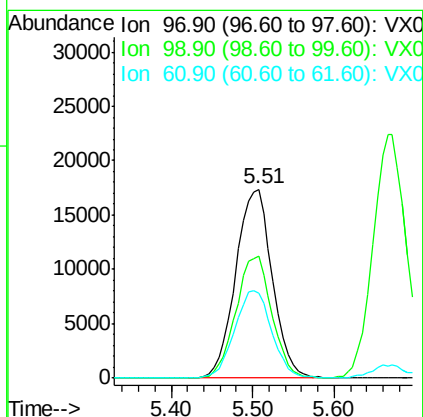
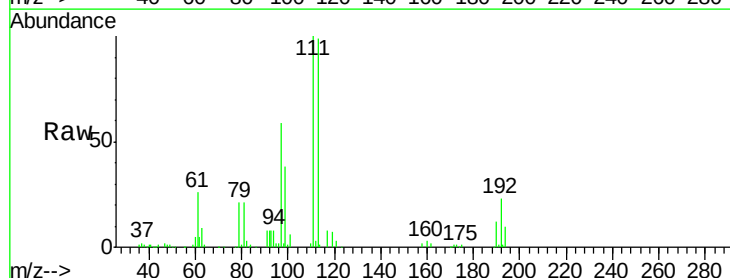
Instrument :
MSVOA_X
ClientSampleId :

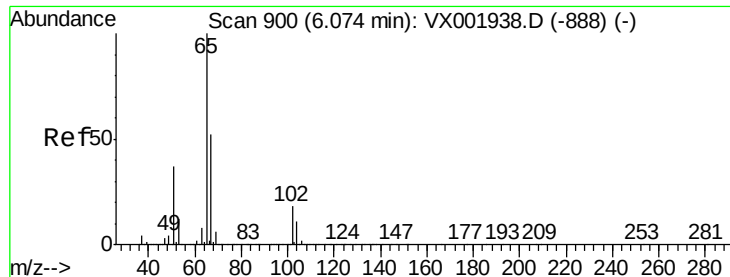
Tot Ion: 56 Resp: 53505
Ion Ratio Lower Upper
56 100
69 28.7 23.1 34.7
84 80.7 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 17.46 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion: 97 Resp: 53869
Ion Ratio Lower Upper
97 100
99 63.8 51.9 77.9
61 47.0 35.9 53.9

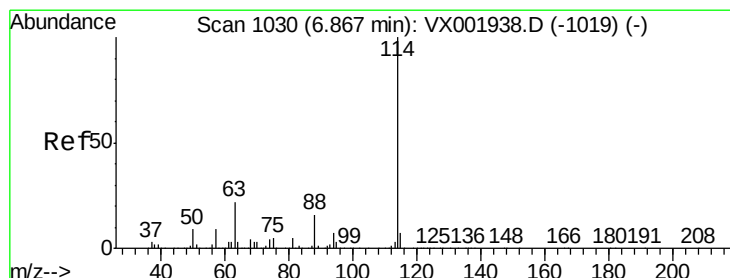
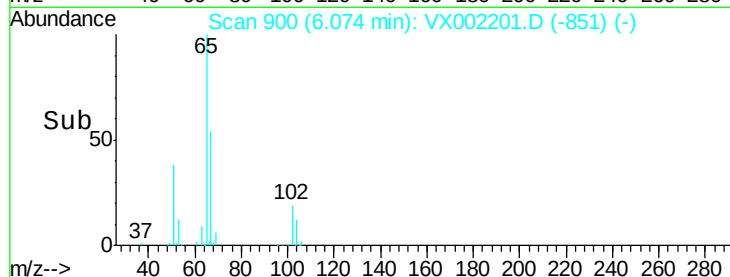
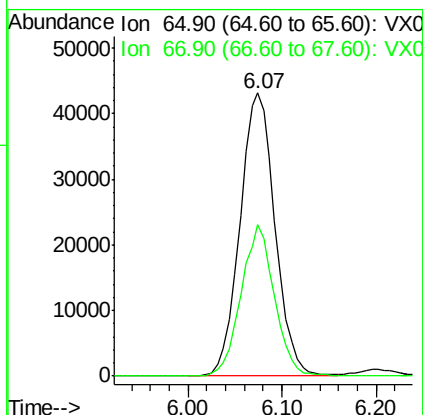
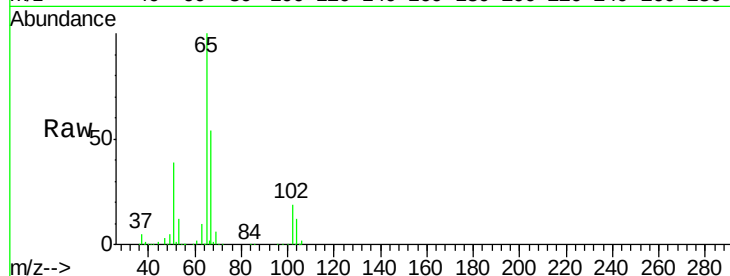




#33
 1,2-Dichloroethane-d4
 Concen: 50.48 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

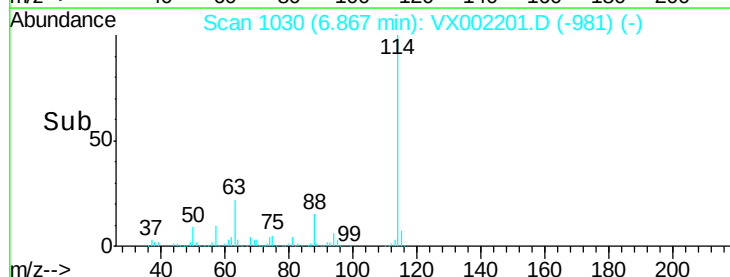
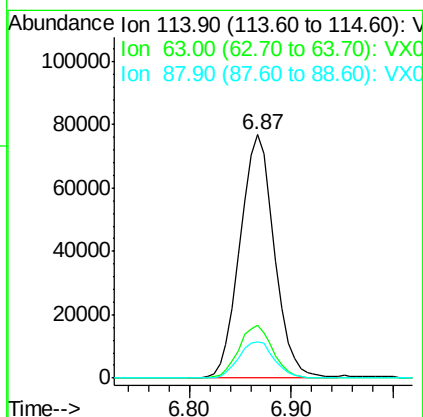
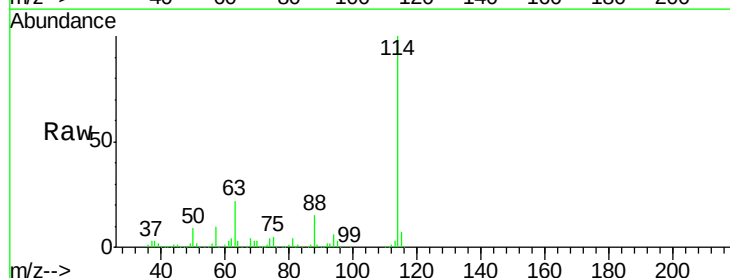
Instrument :
 MSVOA_X
 ClientSampleId :

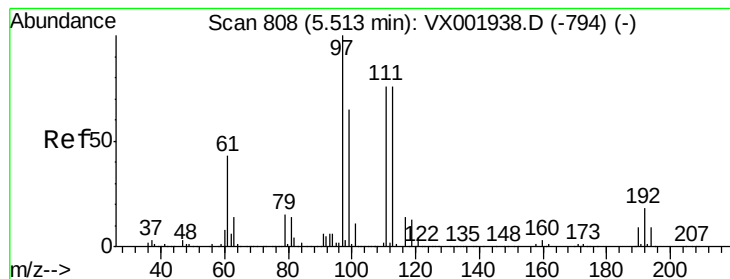
Tot Ion: 65 Resp: 112117
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Tgt Ion: 114 Resp: 180218
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 15.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 44.24 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

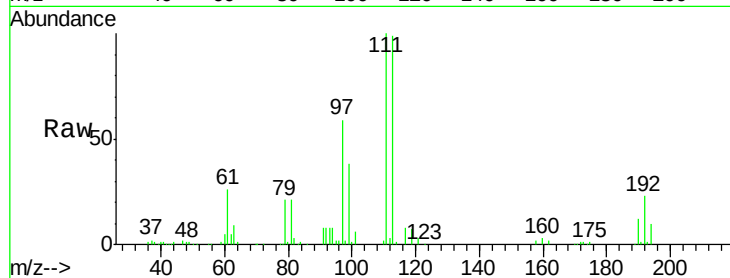
Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 79724

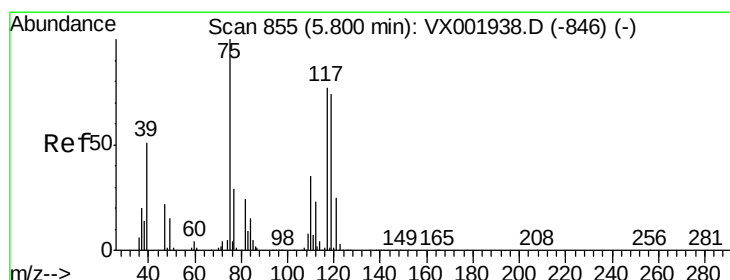
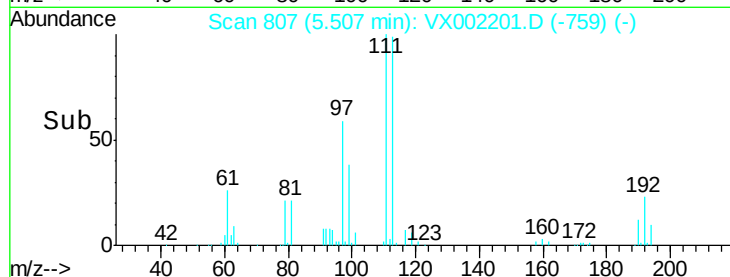
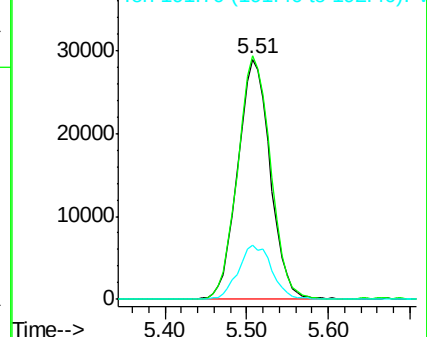
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	23.3	18.9	28.3



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: 17.09 ug/l

RT: 5.81 min Scan# 856

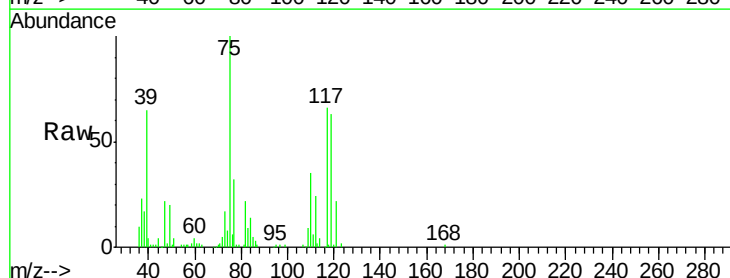
Delta R.T. 0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Tgt Ion: 75 Resp: 42830

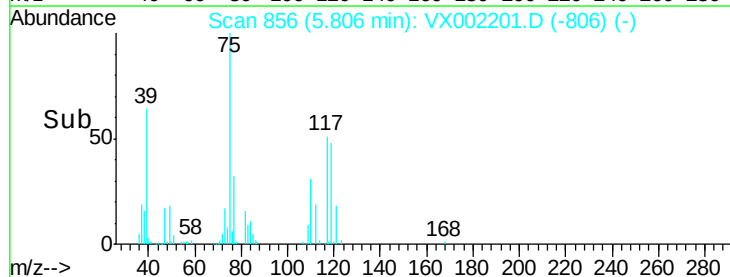
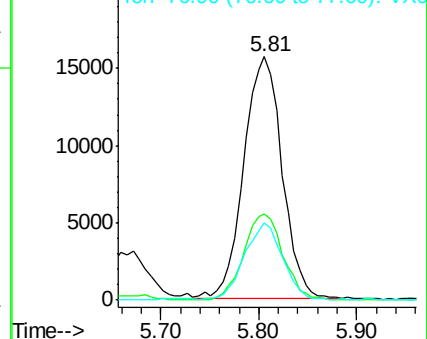
Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.4	52.2
77	31.8	24.4	36.6

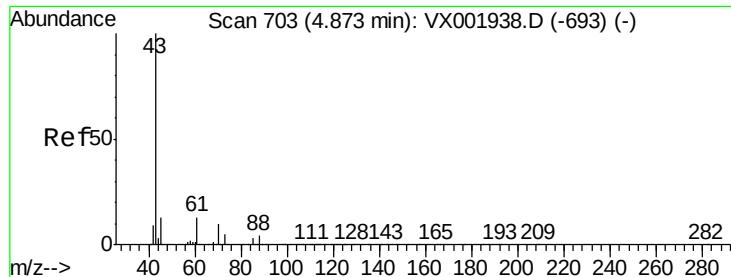


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

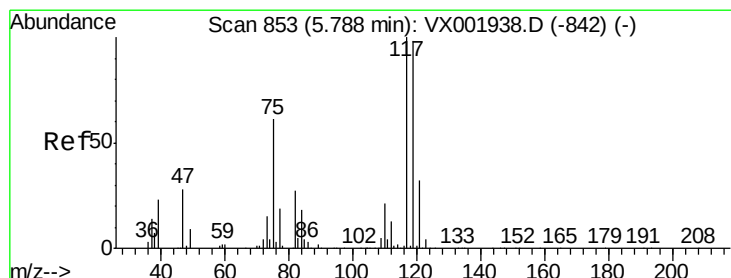
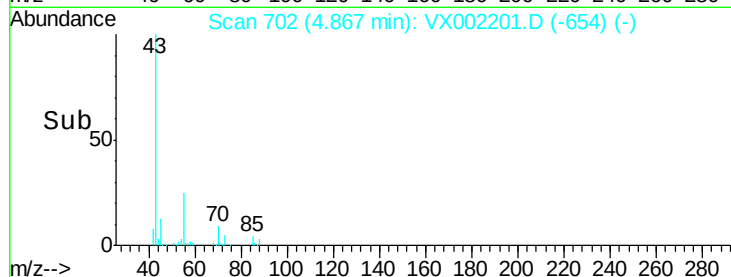
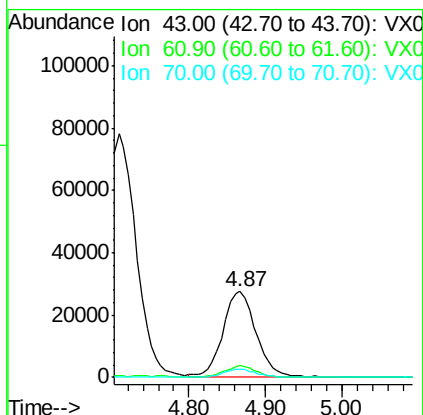
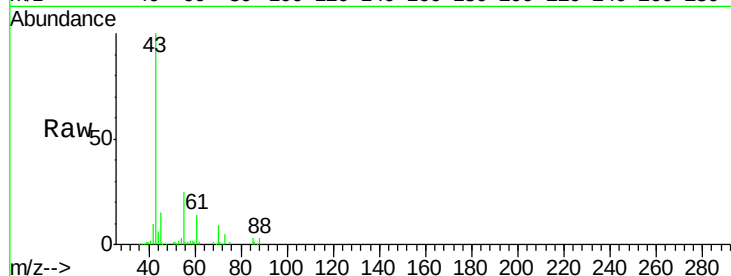




#37
Ethyl Acetate
Concen: 24.84 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

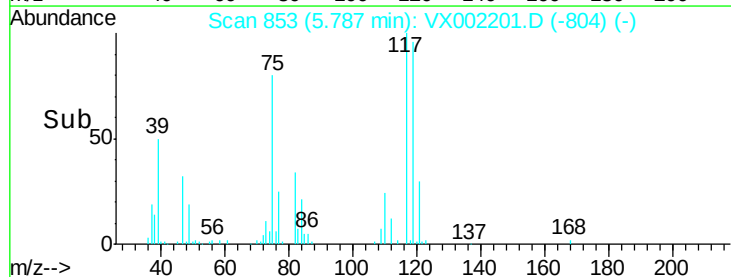
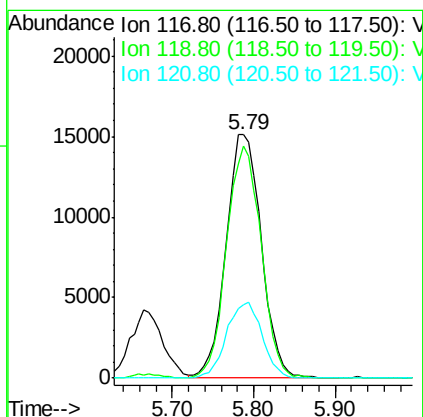
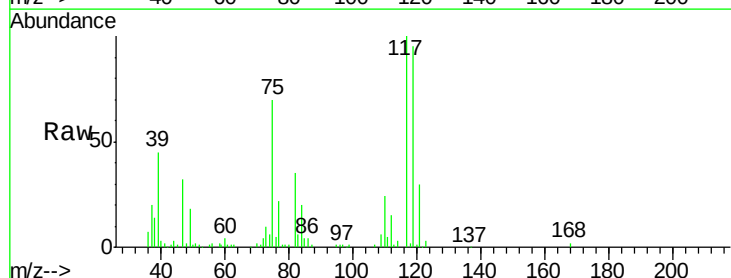
Instrument :
MSVOA_X
ClientSampleId :

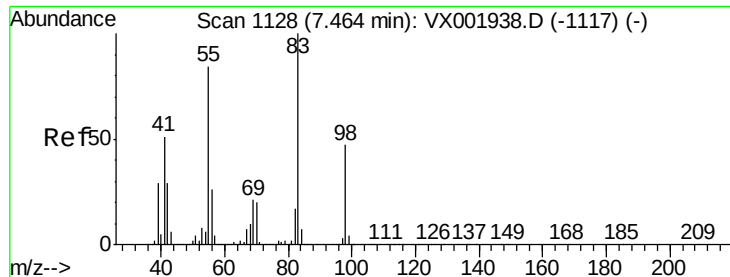
Tot Ion: 43 Resp: 81179
Ion Ratio Lower Upper
43 100
61 12.5 10.2 15.2
70 9.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 15.47 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion: 117 Resp: 45221
Ion Ratio Lower Upper
117 100
119 95.1 78.5 117.7
121 30.0 25.5 38.3

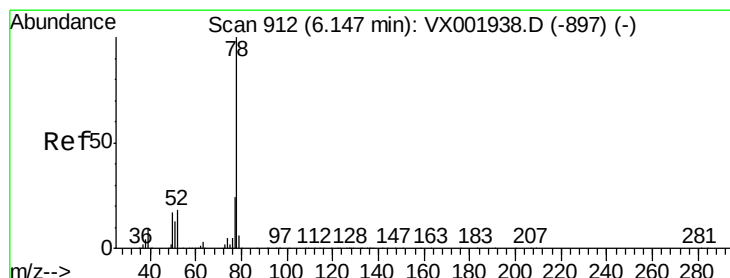
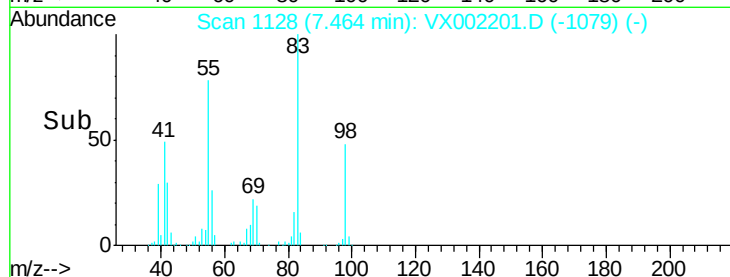
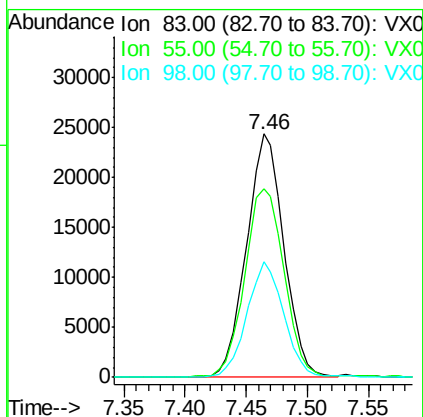
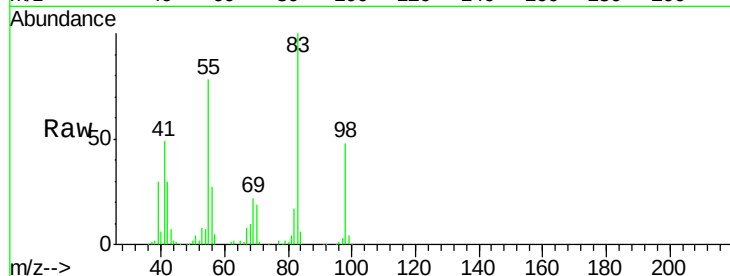




#39
Methylvlcyclohexane
Concen: 16.83 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

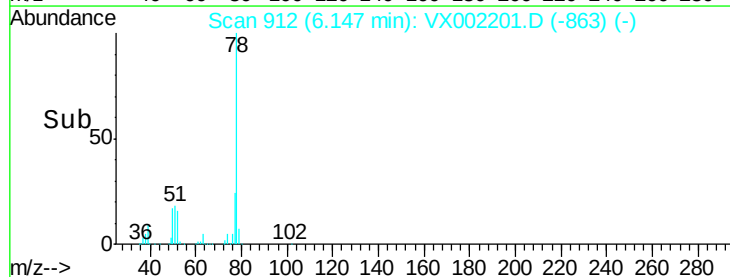
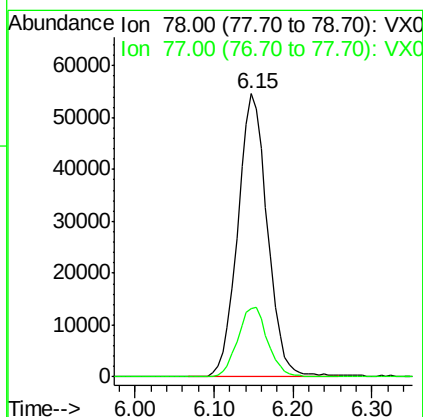
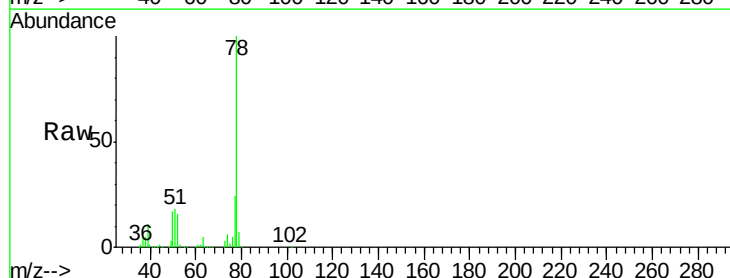
Instrument :
MSVOA_X
ClientSampleId :

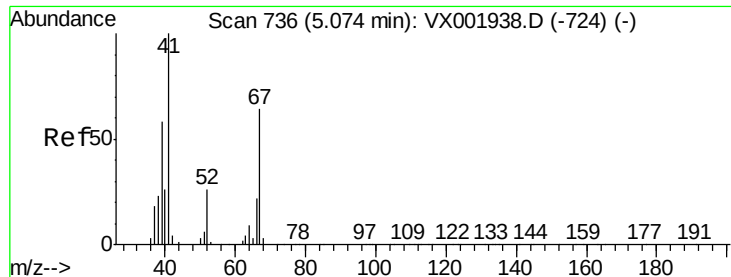
Tot Ion: 83 Resp: 51840
Ion Ratio Lower Upper
83 100
55 77.7 67.3 100.9
98 47.6 37.5 56.3



#40
Benzene
Concen: 19.44 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion: 78 Resp: 142792
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

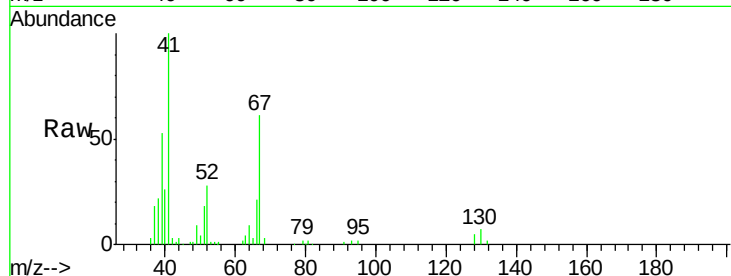




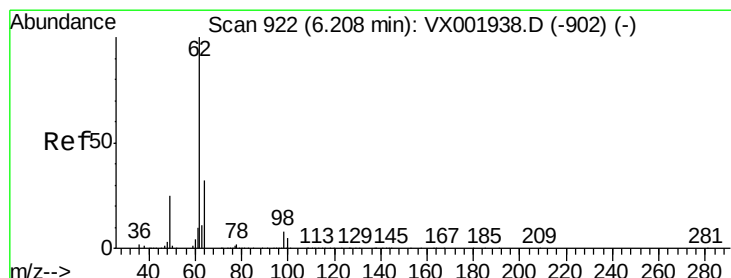
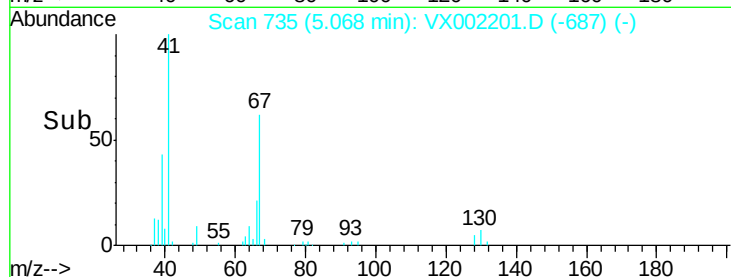
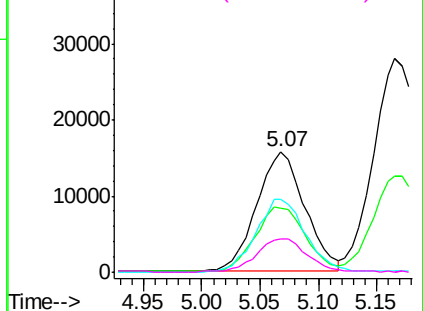
#41
Methacrylonitrile
Concen: 25.61 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	45312
Ion	Ratio	Lower	Upper
41	100		
39	55.8	46.0	69.0
67	62.6	50.6	75.8
52	29.9	21.9	32.9

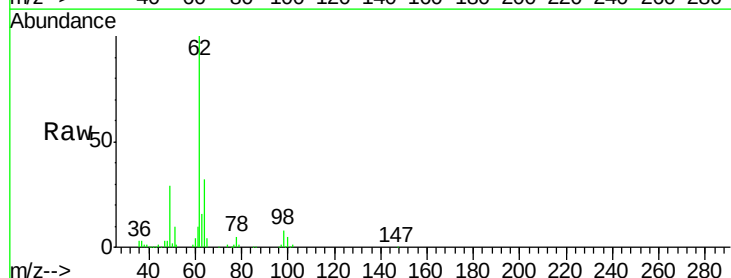


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

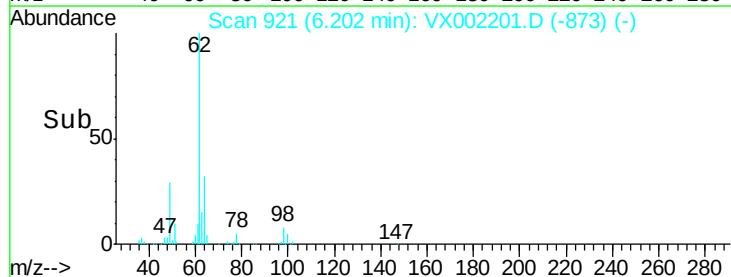
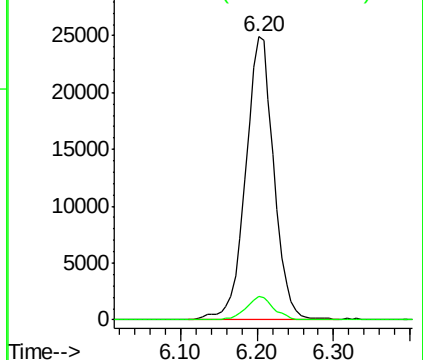


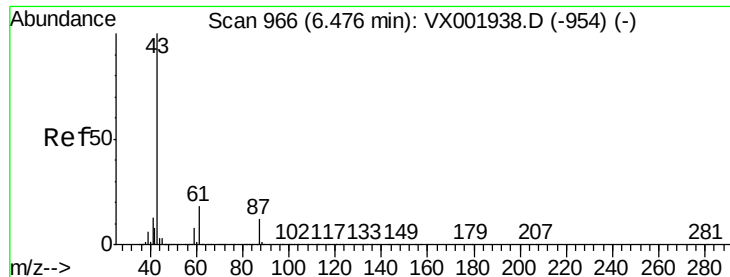
#42
1,2-Dichloroethane
Concen: 21.59 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion:	62	Resp:	63322
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 22.28 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

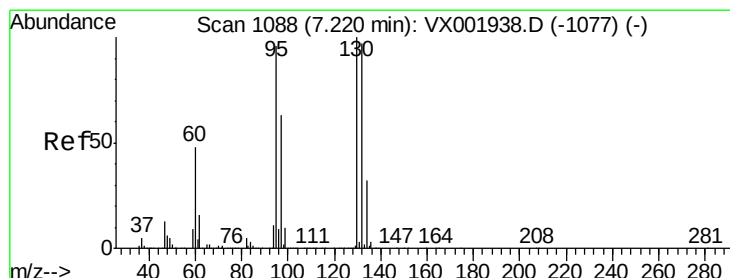
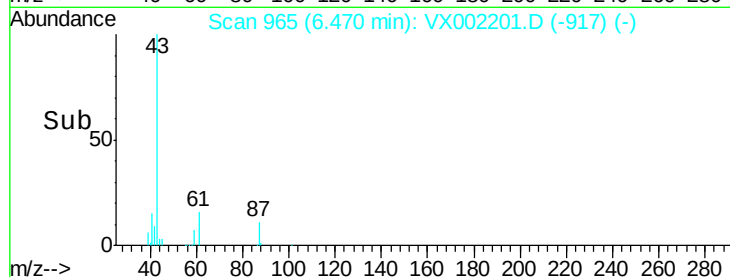
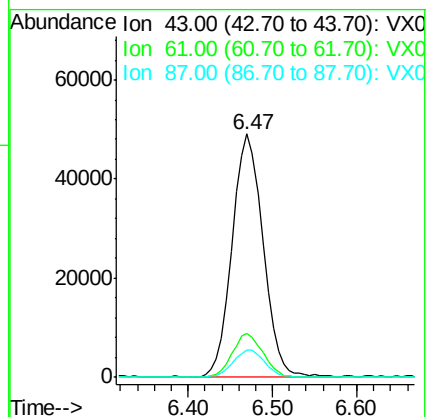
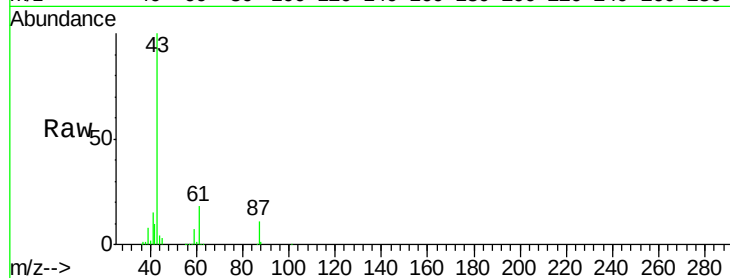
Tot Ion: 43 Resp: 121298

Ion Ratio Lower Upper

43 100

61 18.2 14.5 21.7

87 11.9 9.5 14.3



#44

Trichloroethene

Concen: 18.14 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002201.D

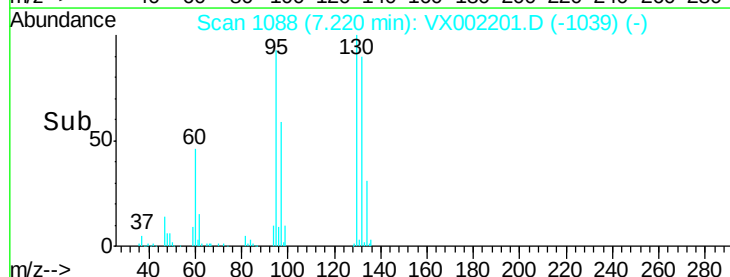
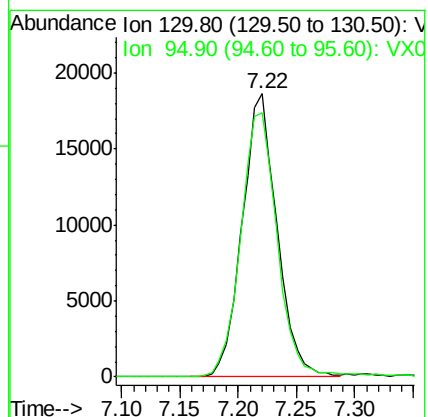
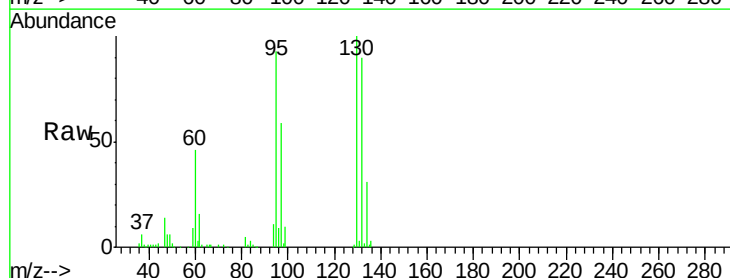
Acq: 01 Jun 2018 05:08

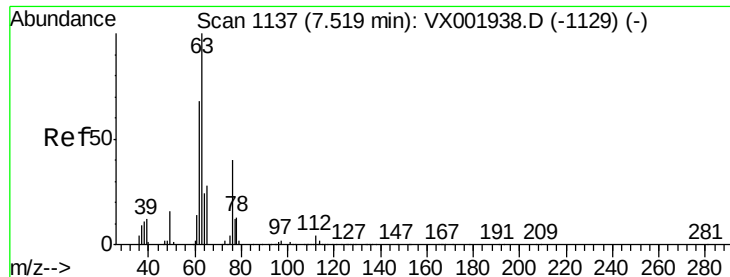
Tgt Ion: 130 Resp: 38820

Ion Ratio Lower Upper

130 100

95 93.4 0.0 192.0





#45

1,2-Dichloropropane

Concen: 19.81 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

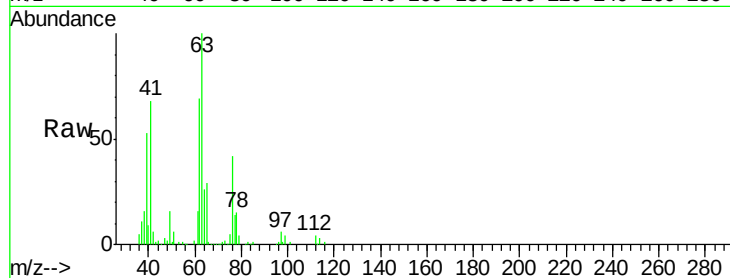
ClientSampleId :

Tot Ion: 63 Resp: 39513

Ion Ratio Lower Upper

63 100

65 28.7 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

20000

15000

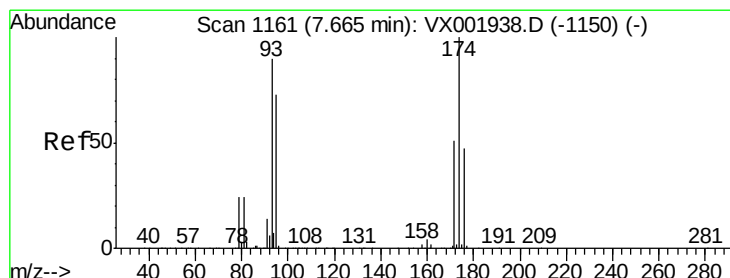
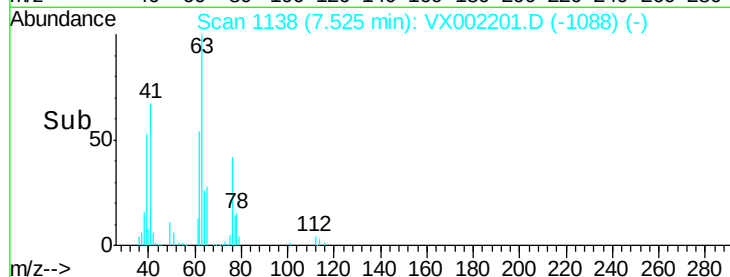
10000

5000

0

7.45 7.50 7.55 7.60

Time-->



#46

Dibromomethane

Concen: 21.79 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

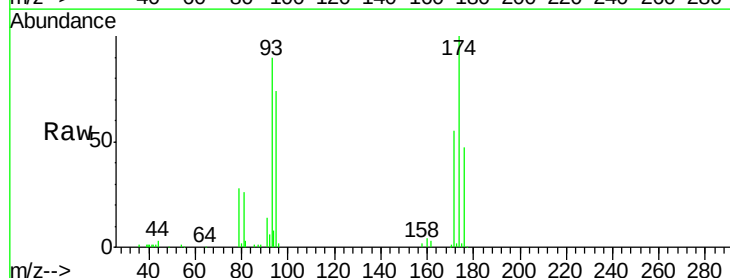
Tgt Ion: 93 Resp: 28774

Ion Ratio Lower Upper

93 100

95 83.9 66.1 99.1

174 112.6 92.5 138.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

20000

15000

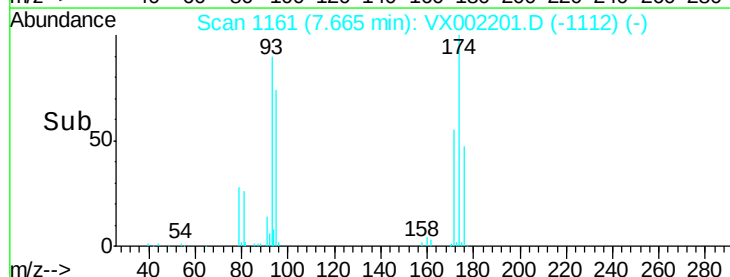
10000

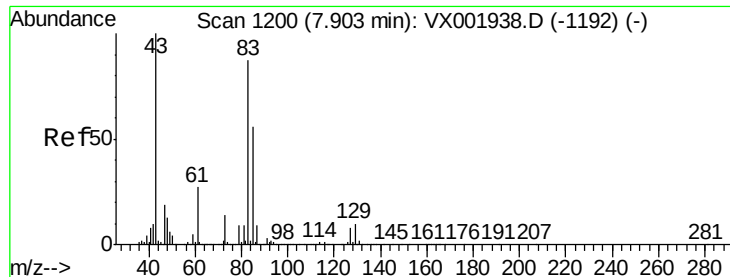
5000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 16.69 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :

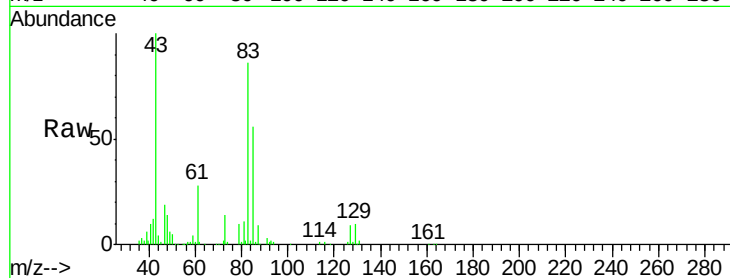
Tot Ion: 83 Resp: 46977

Ion Ratio Lower Upper

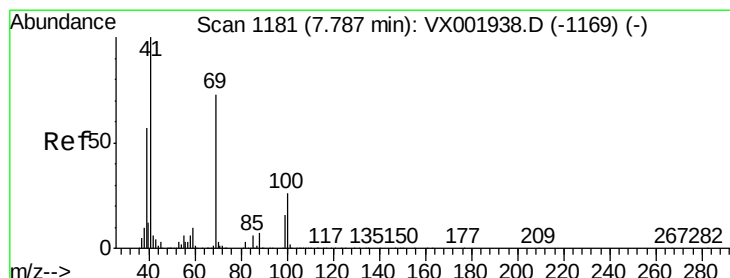
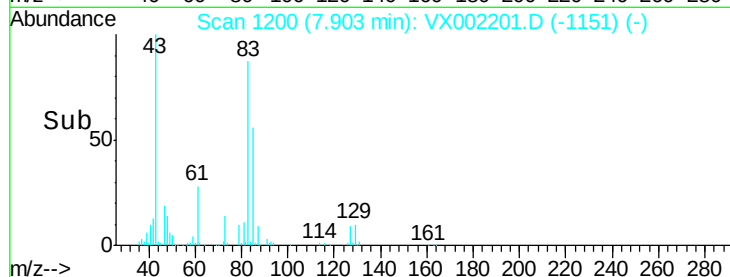
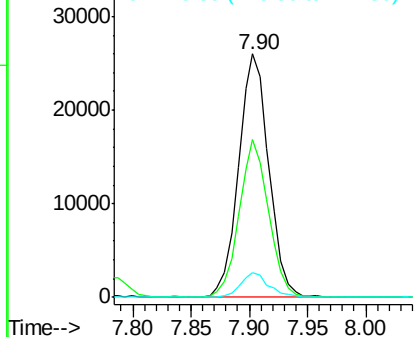
83 100

85 65.0 51.4 77.2

127 10.0 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.50 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

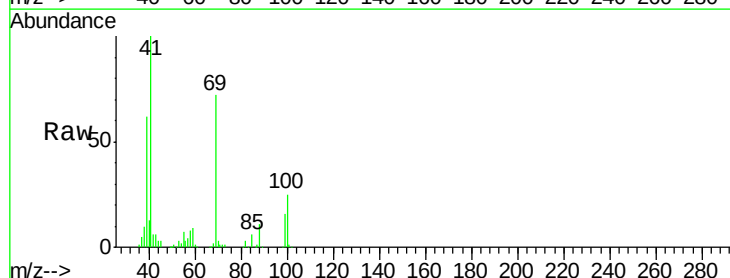
Tgt Ion: 41 Resp: 62370

Ion Ratio Lower Upper

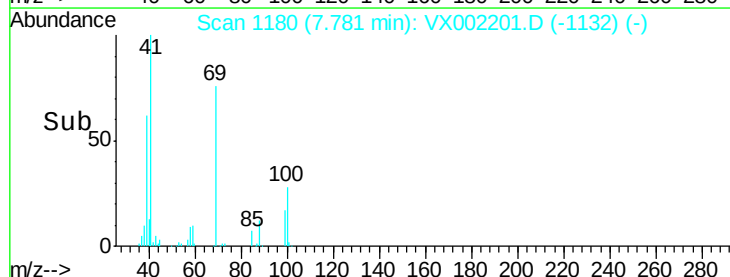
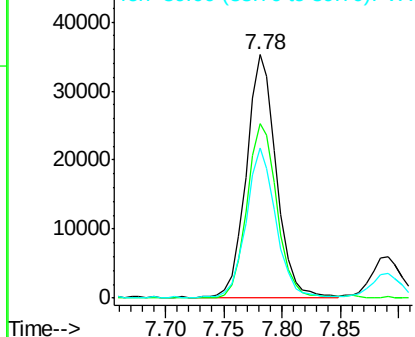
41 100

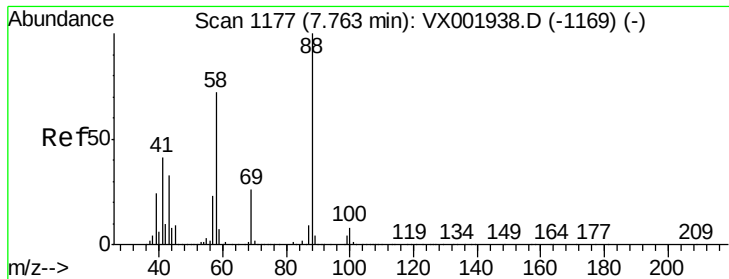
69 73.0 58.6 87.8

39 61.0 46.3 69.5



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





#49

1,4-Dioxane

Concen: 602.03 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampled :

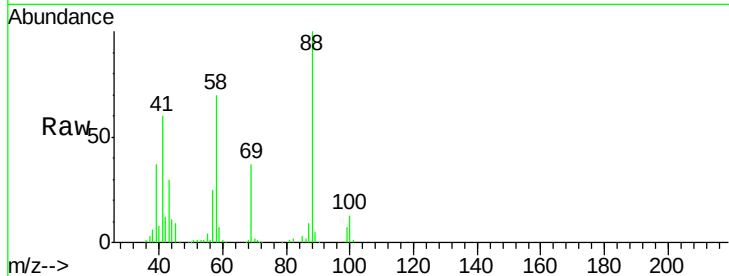
Tot Ion: 88 Resp: 29402

Ion Ratio Lower Upper

88 100

43 37.2 29.8 44.8

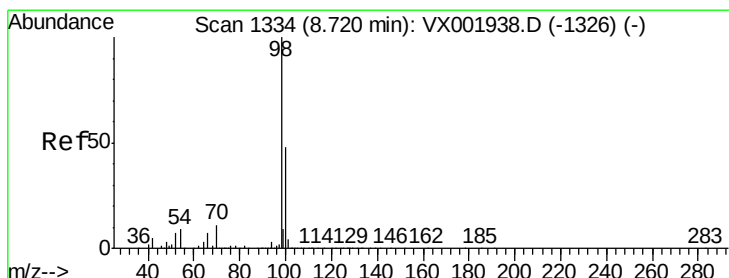
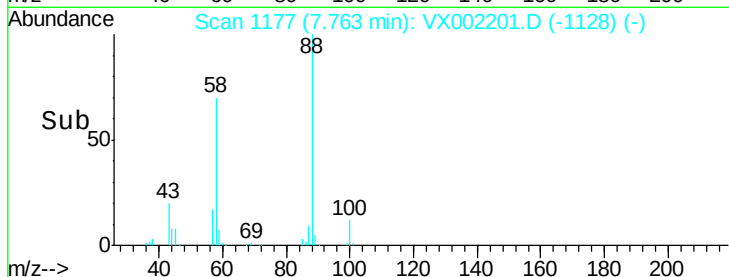
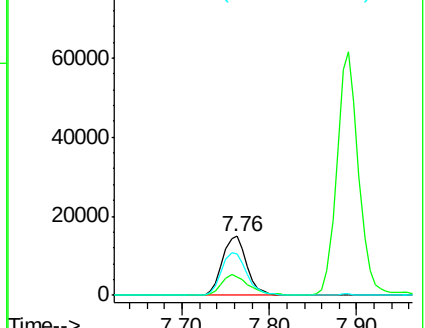
58 75.1 58.7 88.1



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: 41.39 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002201.D

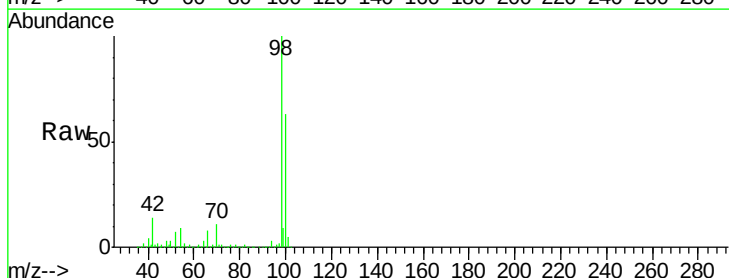
Acq: 01 Jun 2018 05:08

Tgt Ion: 98 Resp: 270025

Ion Ratio Lower Upper

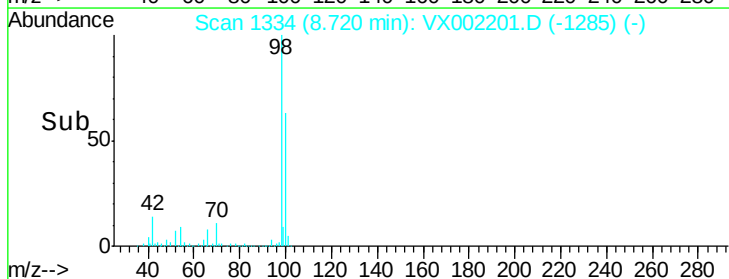
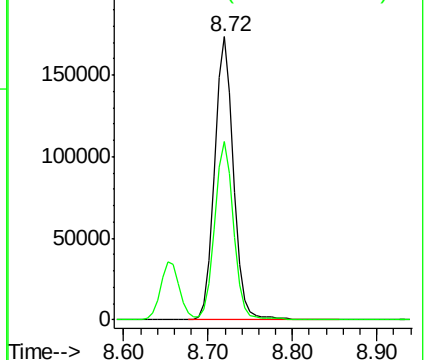
98 100

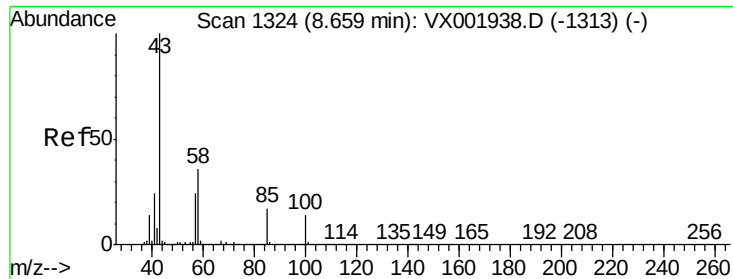
100 64.0 51.5 77.3



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: 131.45 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

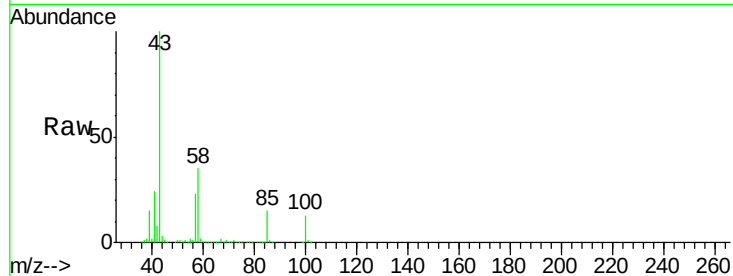
ClientSampled :

Tot Ion: 43 Resp: 431492

Ion Ratio Lower Upper

43 100

58 34.4 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

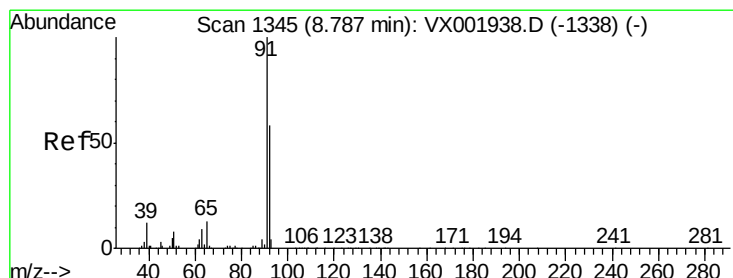
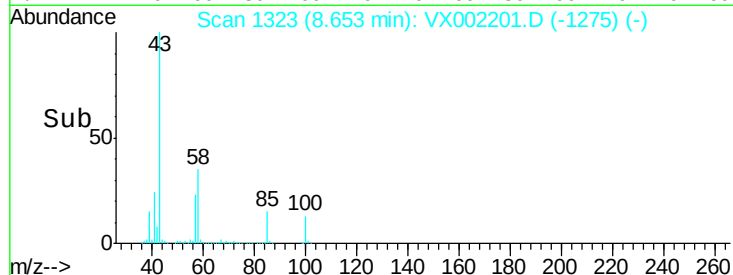
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.54 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002201.D

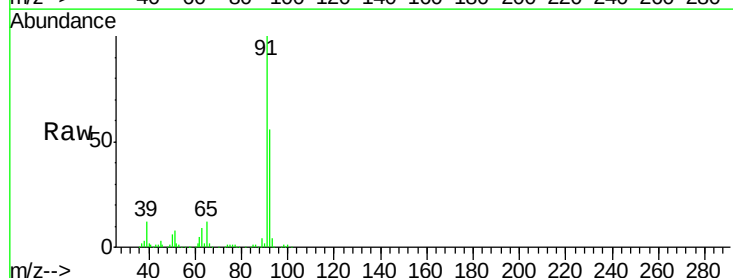
Acq: 01 Jun 2018 05:08

Tgt Ion: 92 Resp: 86640

Ion Ratio Lower Upper

92 100

91 178.2 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

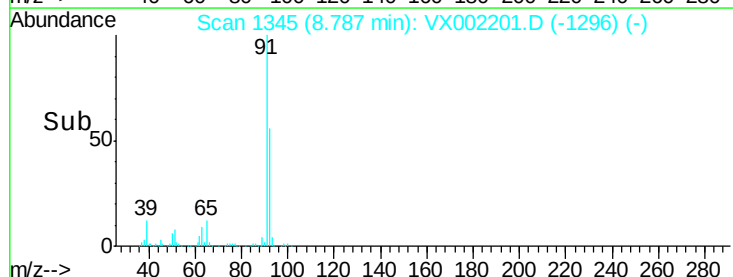
60000

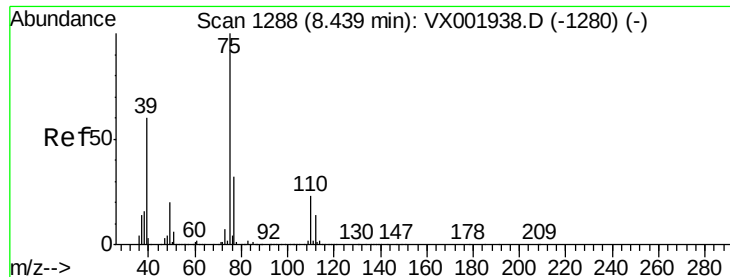
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.67 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

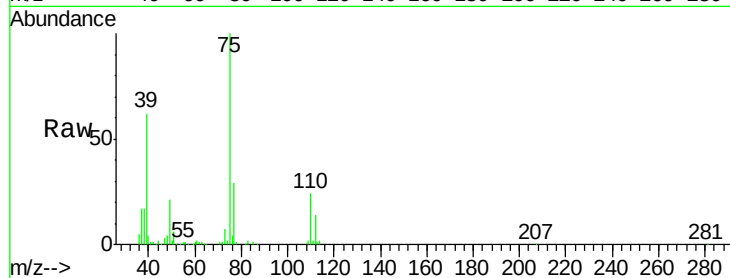
ClientSampleId :

Tot Ion: 75 Resp: 54043

Ion Ratio Lower Upper

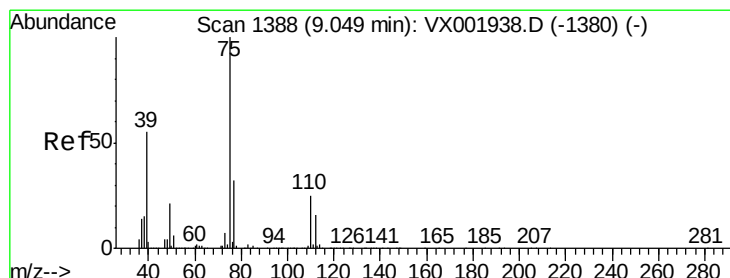
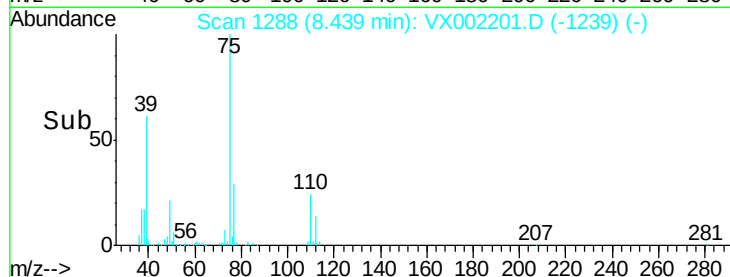
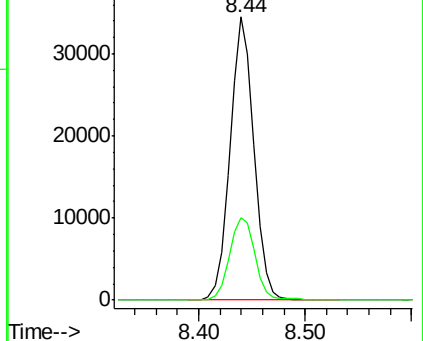
75 100

77 29.0 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 15.74 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

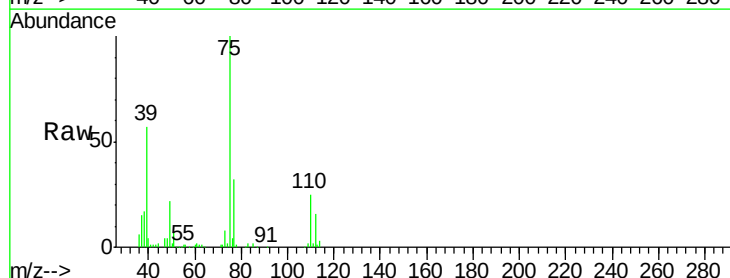
Tgt Ion: 75 Resp: 49738

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

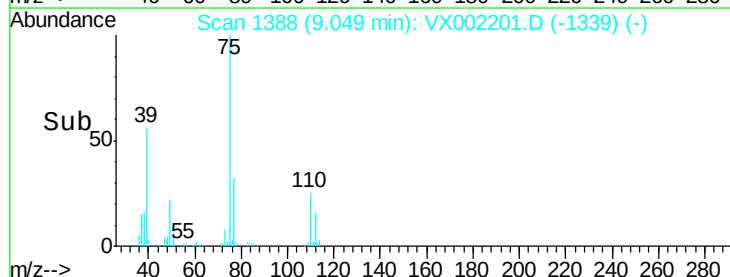
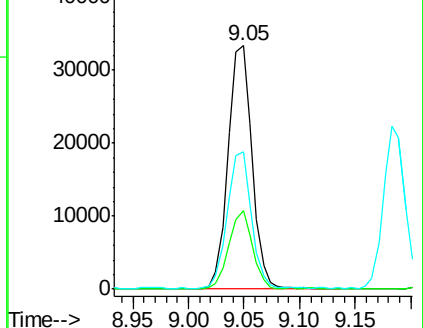
39 56.3 44.1 66.1

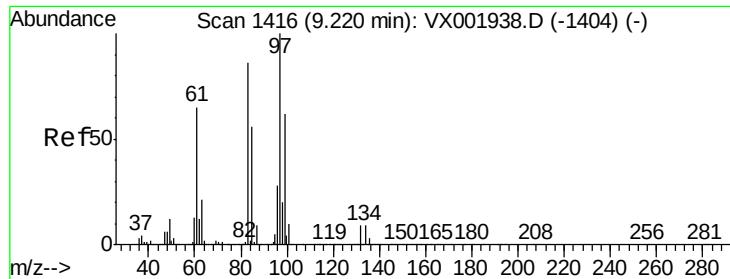


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

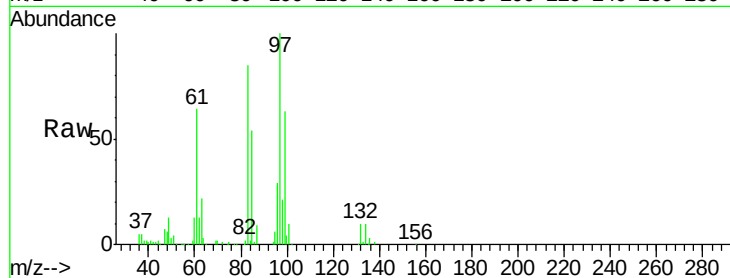




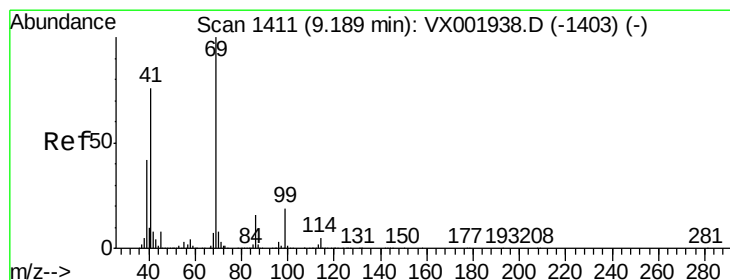
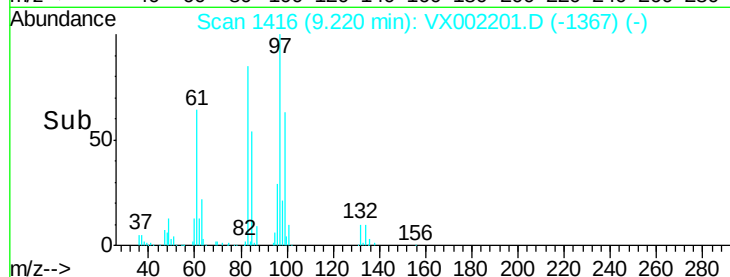
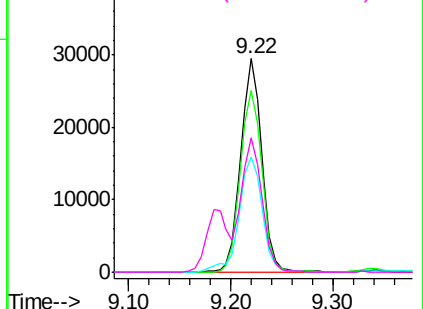
#55
 1,1,2-Trichloroethane
 Concen: 21.53 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	42030
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.1	103.7
85	53.7	45.2	67.8
99	62.9	49.6	74.4

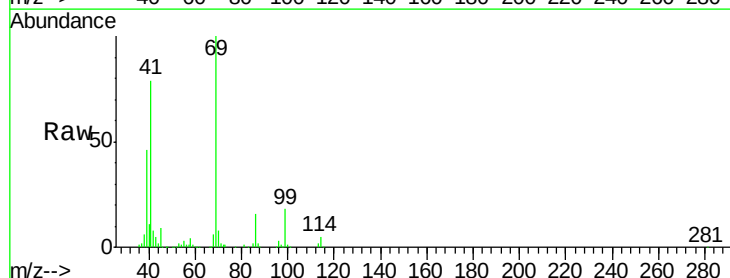


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

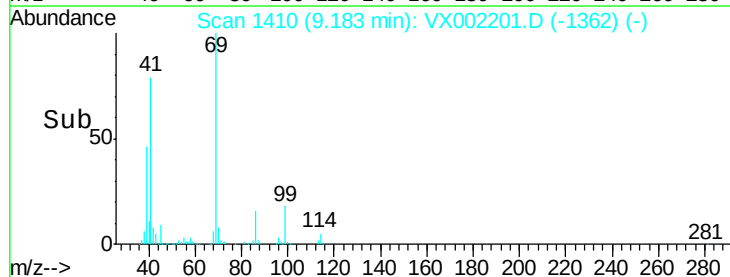
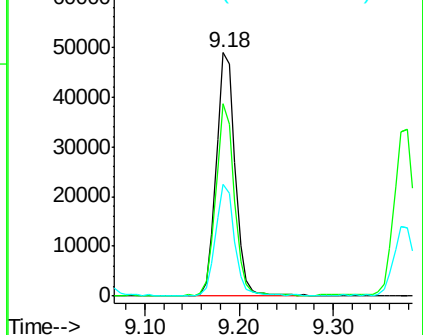


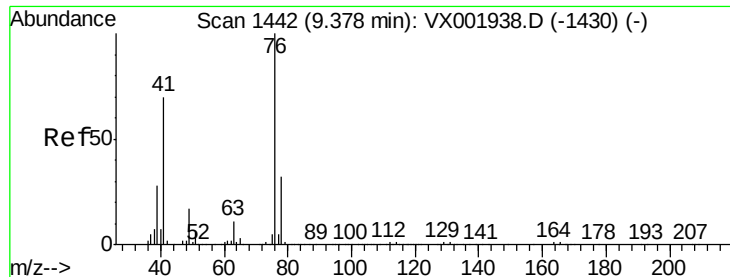
#56
 Ethyl methacrylate
 Concen: 20.37 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Tgt Ion:	69	Resp:	68418
Ion	Ratio	Lower	Upper
69	100		
41	76.8	61.0	91.6
39	45.1	34.4	51.6



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: 21.94 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

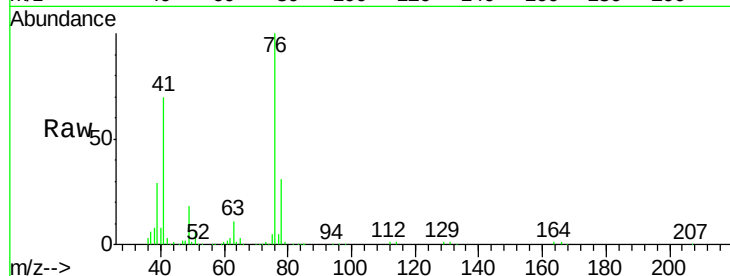
ClientSampleId :

Tot Ion: 76 Resp: 70565

Ion Ratio Lower Upper

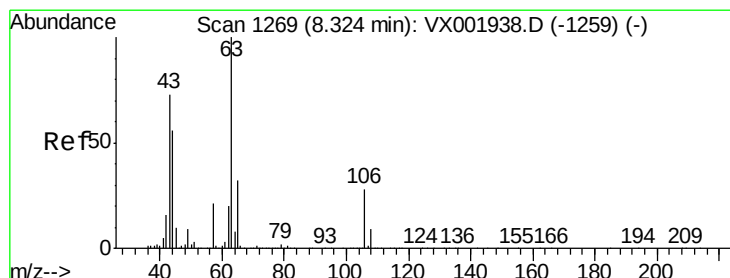
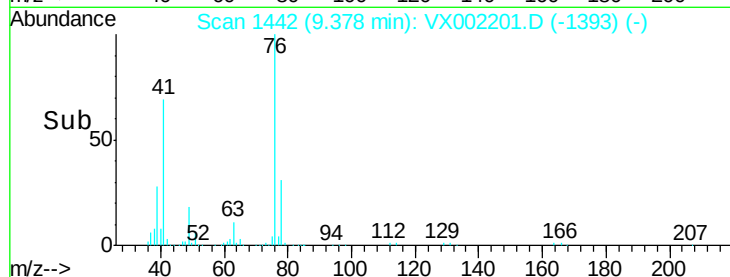
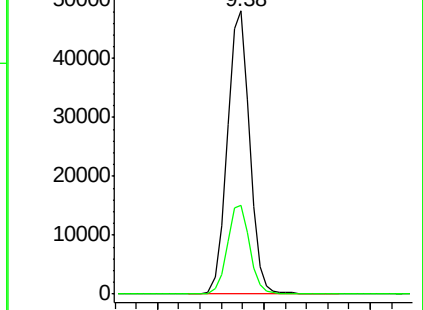
76 100

78 31.6 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 26.92 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002201.D

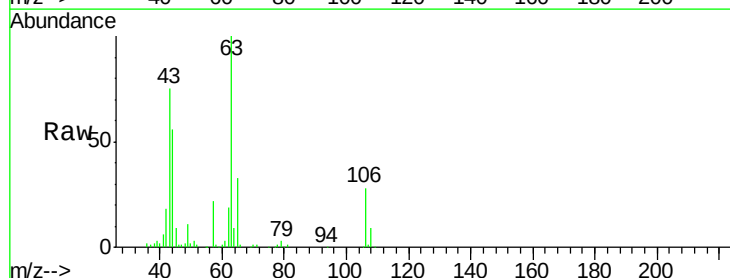
Acq: 01 Jun 2018 05:08

Tgt Ion: 63 Resp: 40069

Ion Ratio Lower Upper

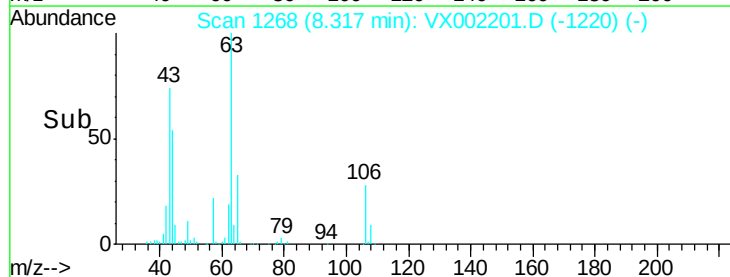
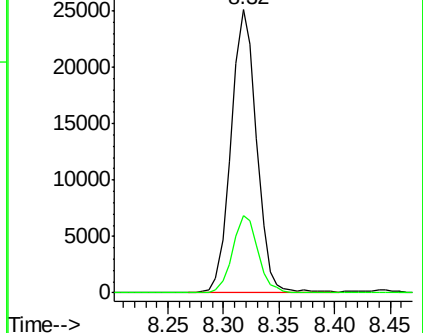
63 100

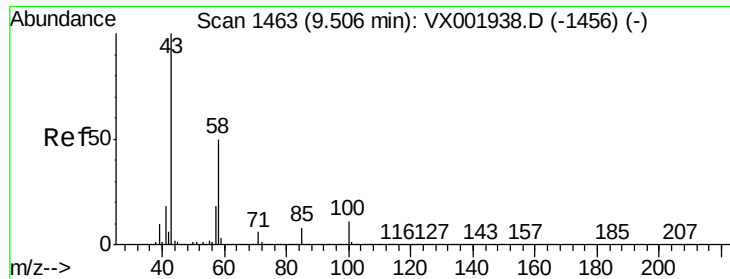
106 27.1 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

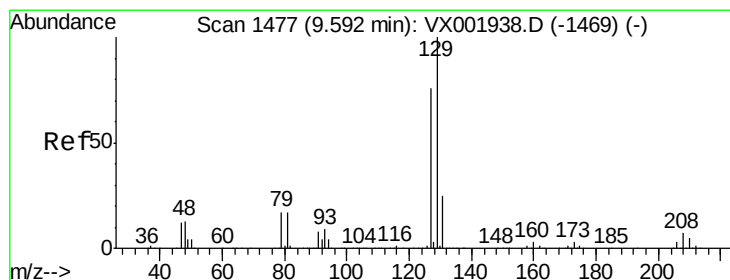
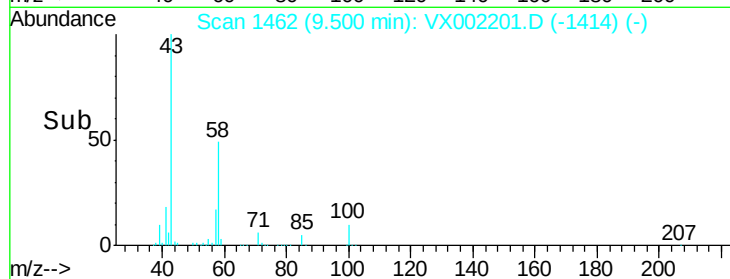
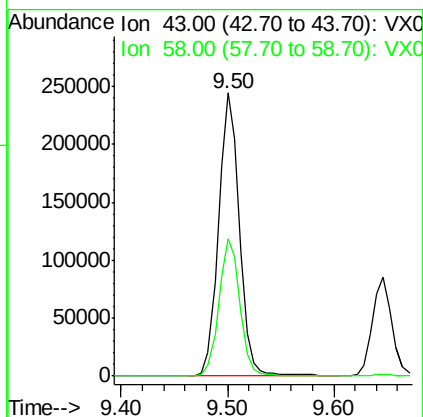
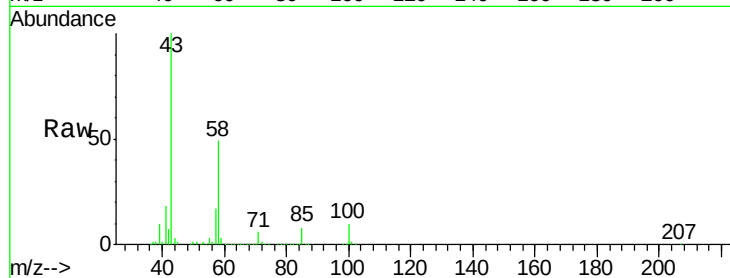




#59
2-Hexanone
Concen: 131.34 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

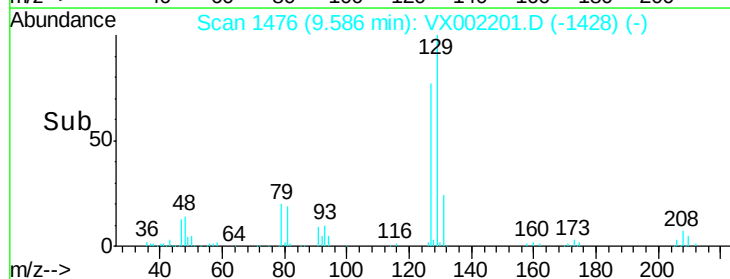
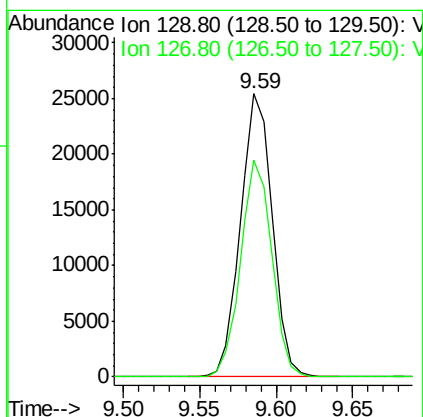
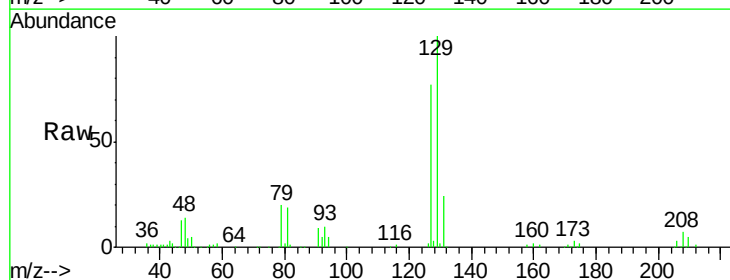
Instrument :
MSVOA_X
ClientSampled :

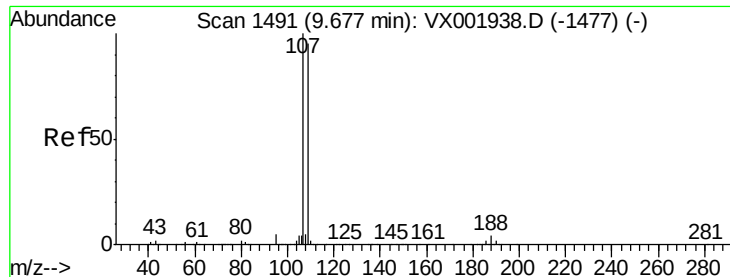
Tot Ion: 43 Resp: 332417
Ion Ratio Lower Upper
43 100
58 49.0 24.9 74.6



#60
Dibromochloromethane
Concen: 15.84 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion: 129 Resp: 36638
Ion Ratio Lower Upper
129 100
127 75.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 21.31 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

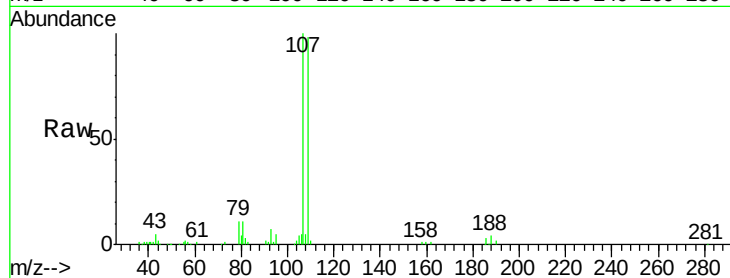
ClientSampleId :

Tot Ion:107 Resp: 43655

Ion Ratio Lower Upper

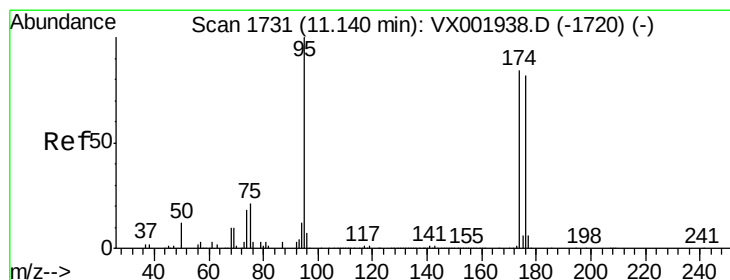
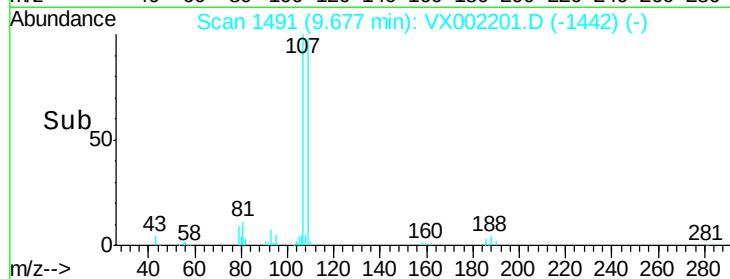
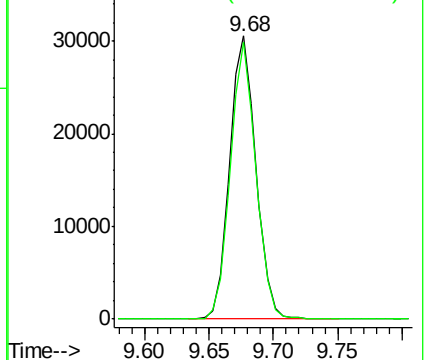
107 100

109 95.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 39.18 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

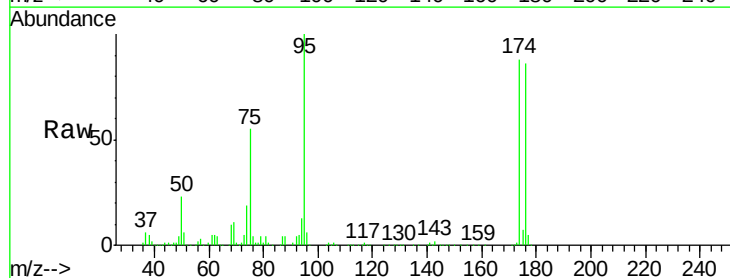
Tgt Ion: 95 Resp: 100019

Ion Ratio Lower Upper

95 100

174 93.0 0.0 178.8

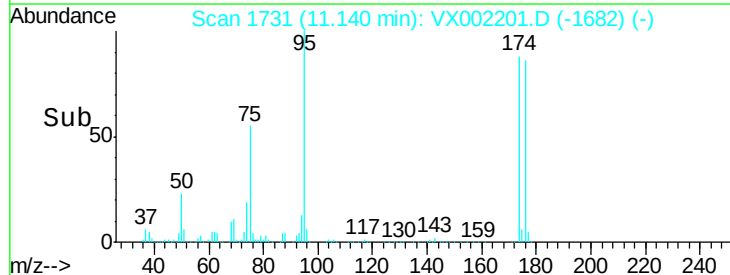
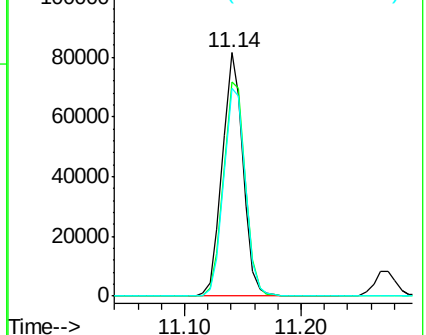
176 90.0 0.0 175.6

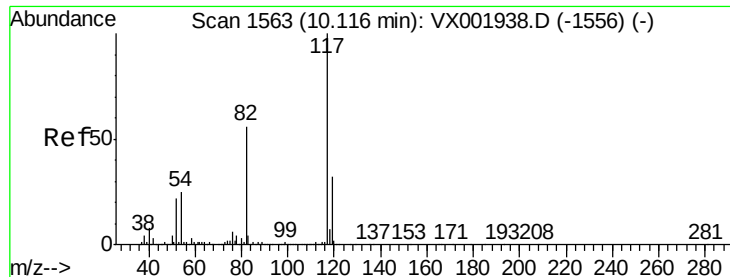


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

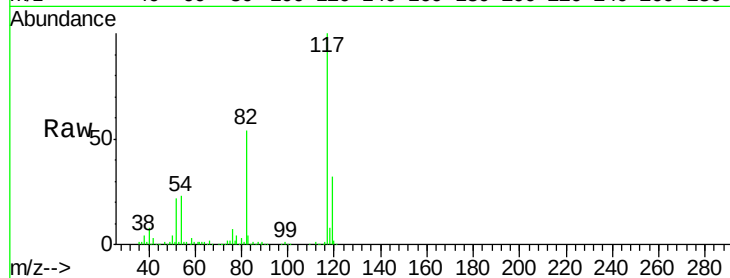
Tot Ion:117 Resp: 164856

Ion Ratio Lower Upper

117 100

82 54.2 44.8 67.2

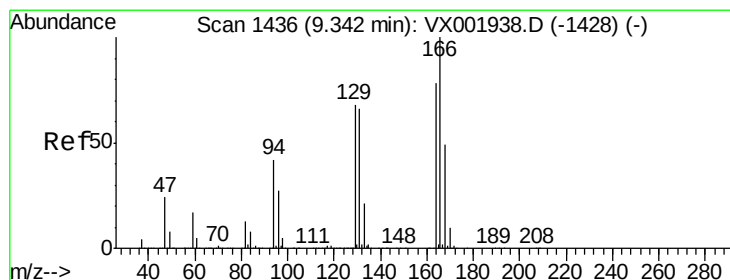
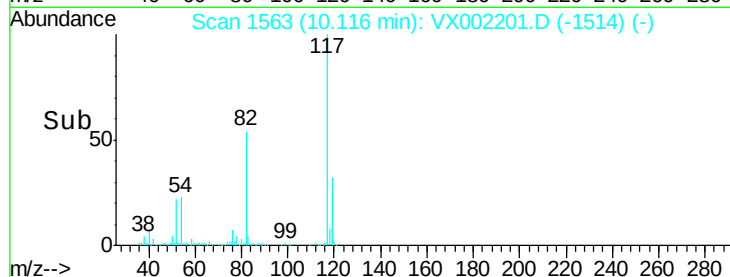
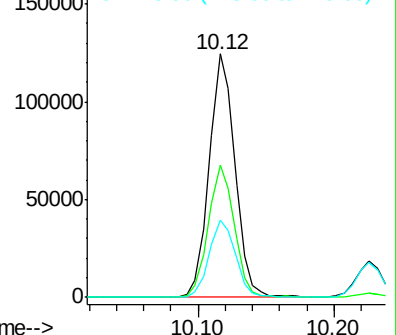
119 31.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 17.96 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Tgt Ion:164 Resp: 42443

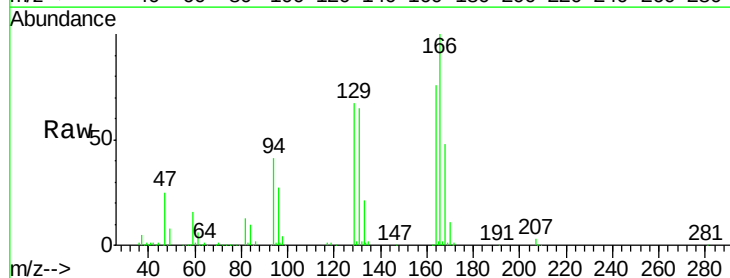
Ion Ratio Lower Upper

164 100

166 131.8 102.7 154.1

129 87.9 70.3 105.5

131 85.7 68.2 102.4

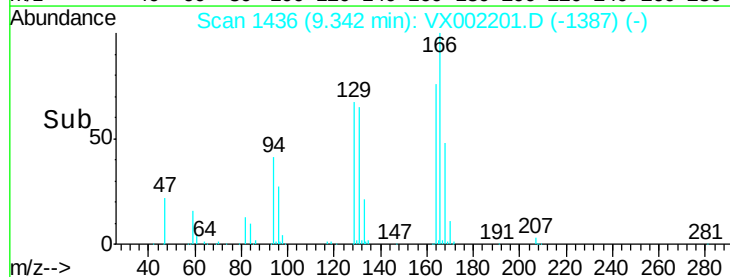
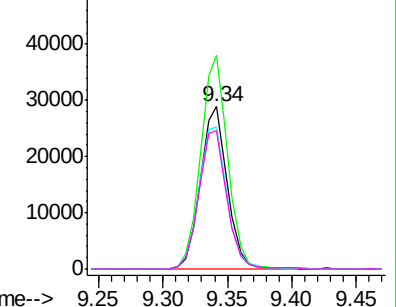


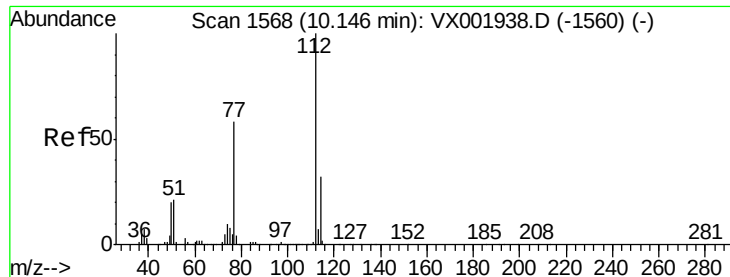
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.20 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

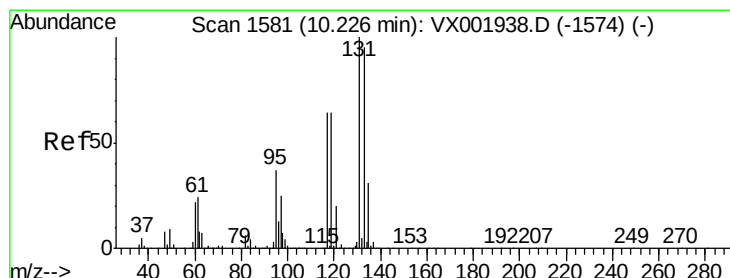
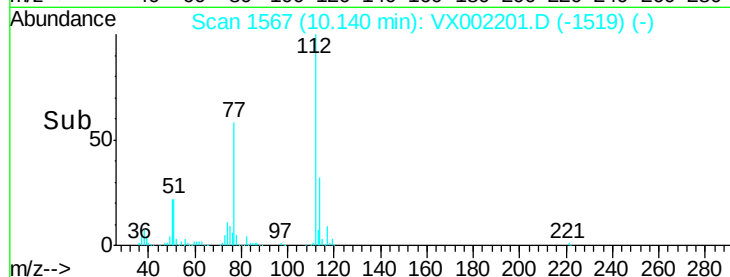
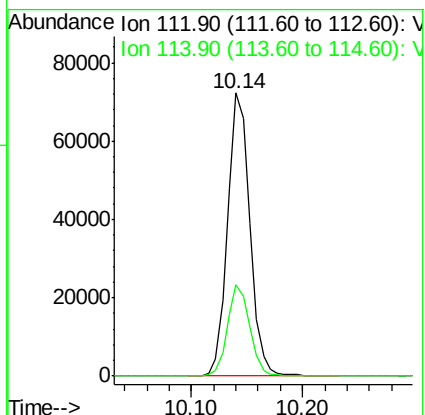
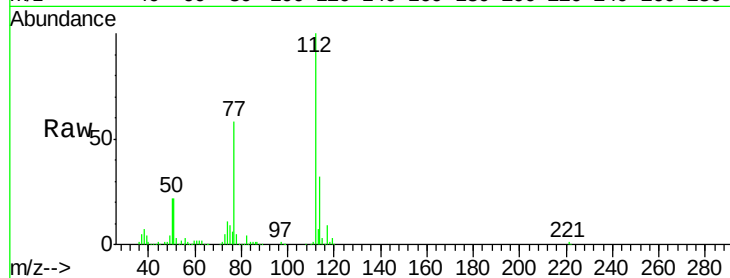
ClientSampleId :

Tot Ion:112 Resp: 100296

Ion Ratio Lower Upper

112 100

114 32.5 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 17.40 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

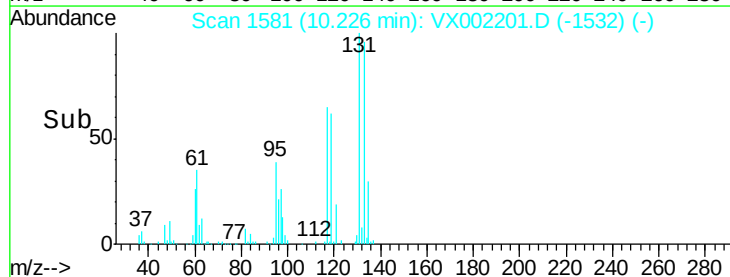
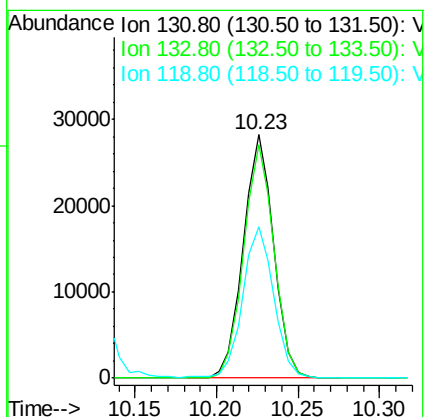
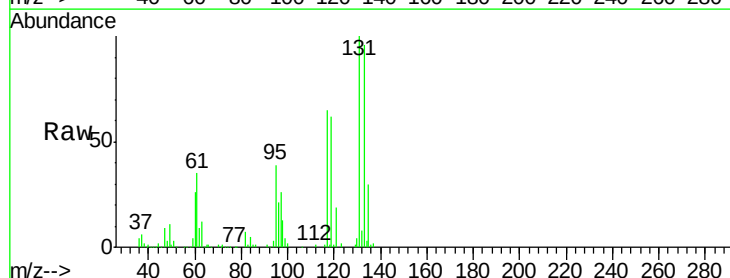
Tgt Ion:131 Resp: 36700

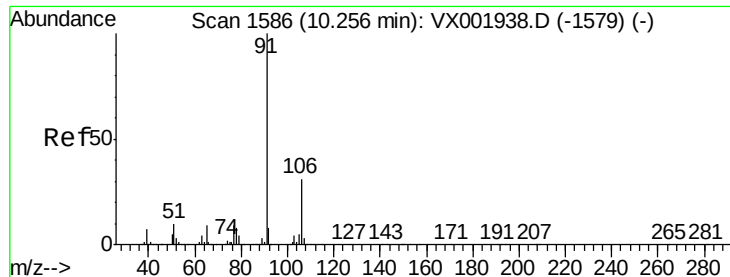
Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.0

119 63.2 31.9 95.5





#67

Ethyl Benzene

Concen: 18.17 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

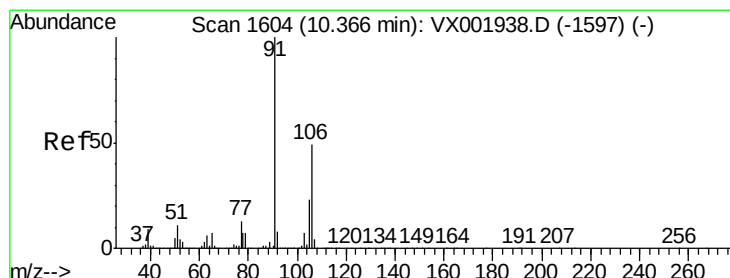
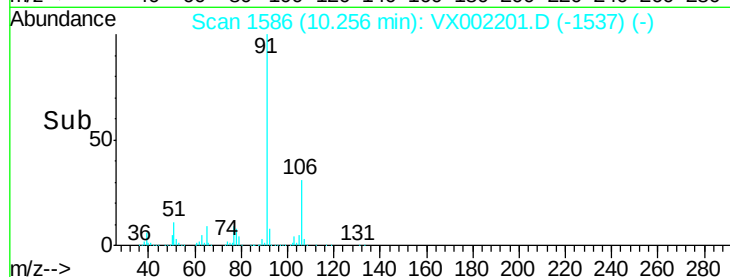
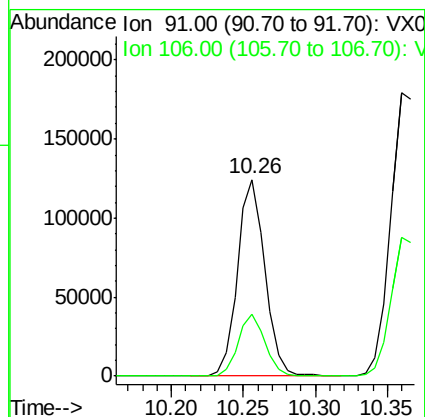
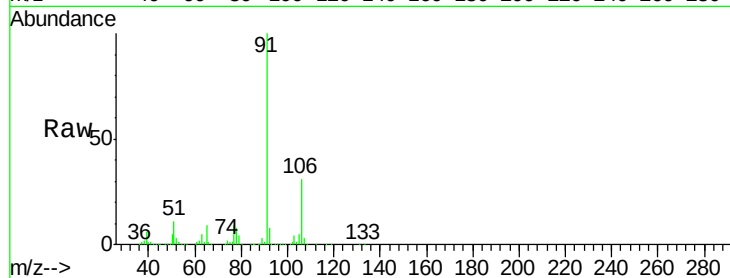
ClientSampled :

Tot Ion: 91 Resp: 164897

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.6



#68

m/p-Xylenes

Concen: 35.70 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002201.D

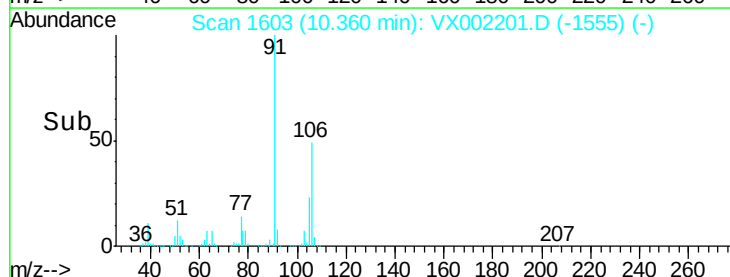
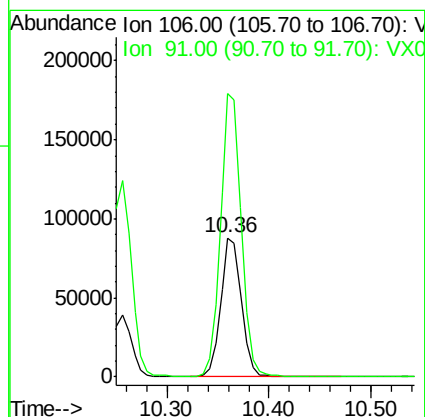
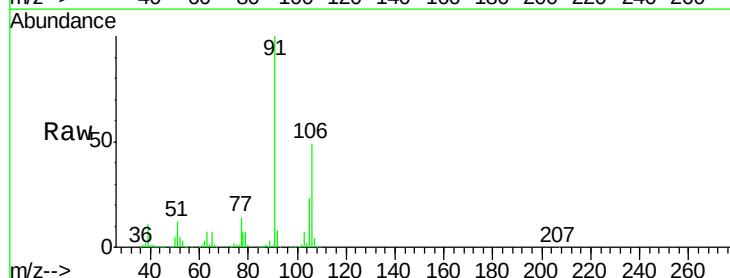
Acq: 01 Jun 2018 05:08

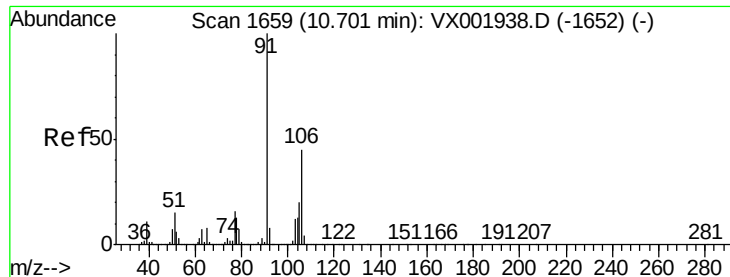
Tgt Ion: 106 Resp: 123841

Ion Ratio Lower Upper

106 100

91 205.4 165.0 247.6

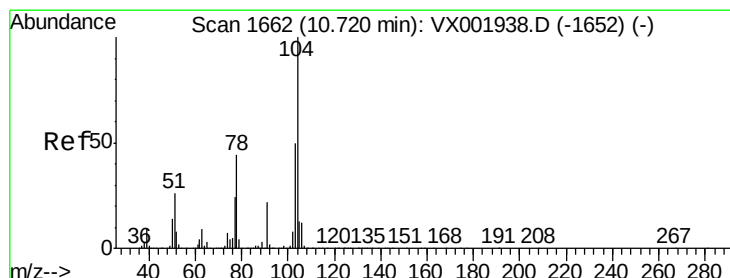
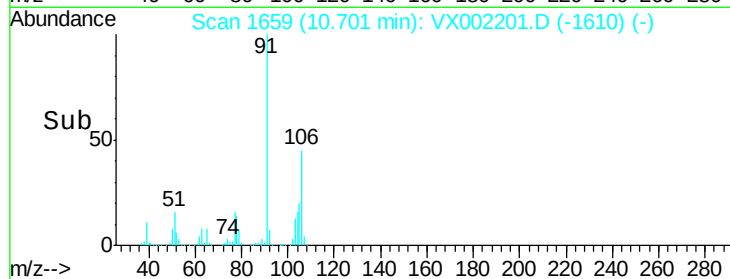
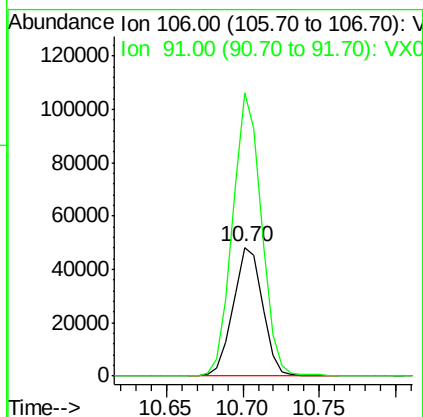
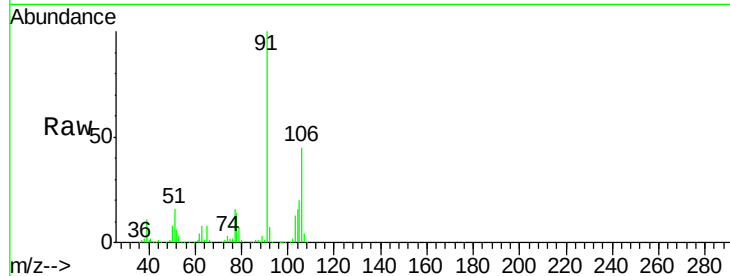




#69
o-Xylene
Concen: 18.59 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

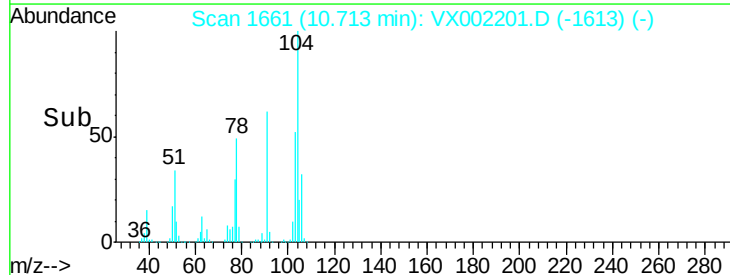
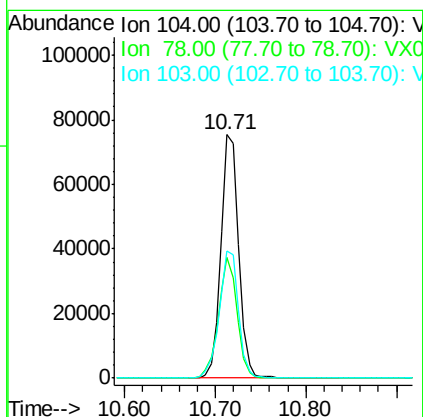
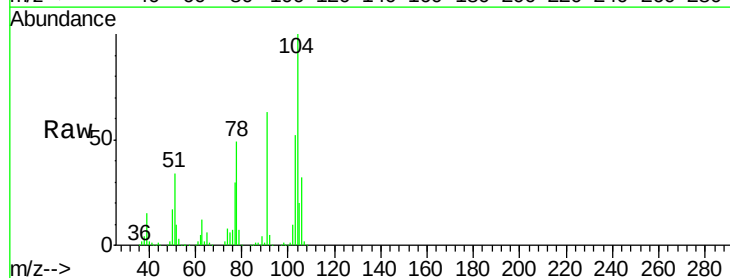
Instrument :
MSVOA_X
ClientSampleId :

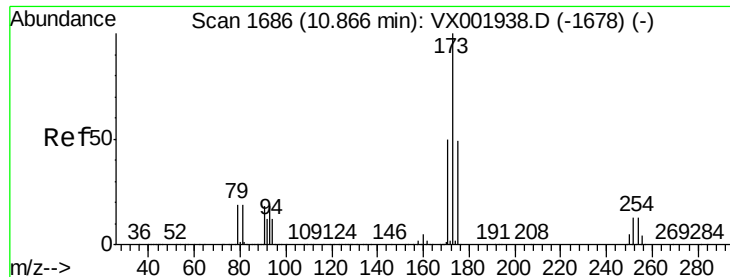
Tot Ion:106 Resp: 64386
Ion Ratio Lower Upper
106 100
91 215.4 108.7 325.9



#70
Styrene
Concen: 17.90 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion:104 Resp: 102820
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.6
103 56.5 44.6 67.0





#71

Bromoform

Concen: 13.92 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

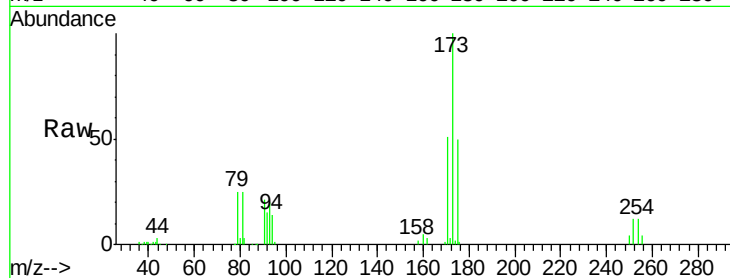
Tot Ion:173 Resp: 27836

Ion Ratio Lower Upper

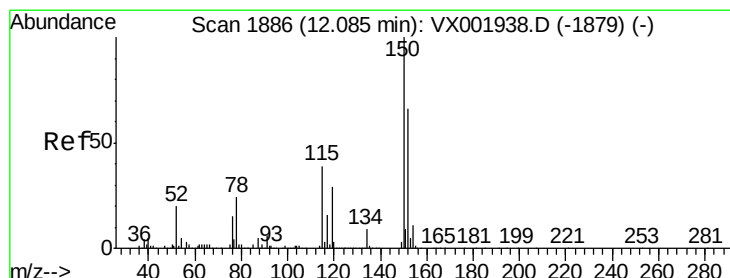
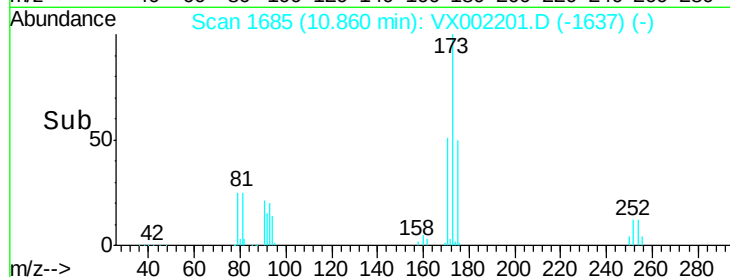
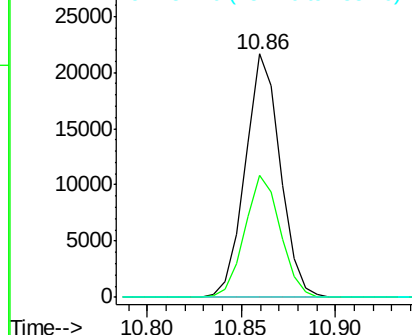
173 100

175 50.8 24.3 72.9

254 0.0 0.1 0.1#



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: VX002201.D

Acq: 01 Jun 2018 05:08

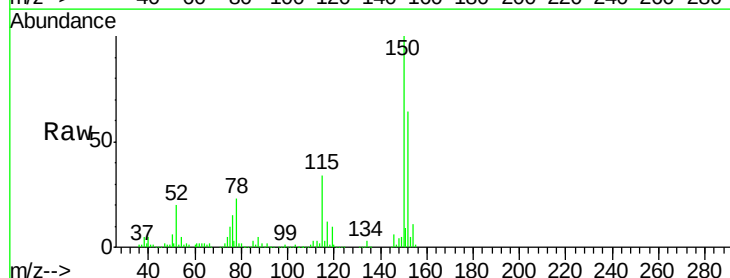
Tgt Ion:152 Resp: 98430

Ion Ratio Lower Upper

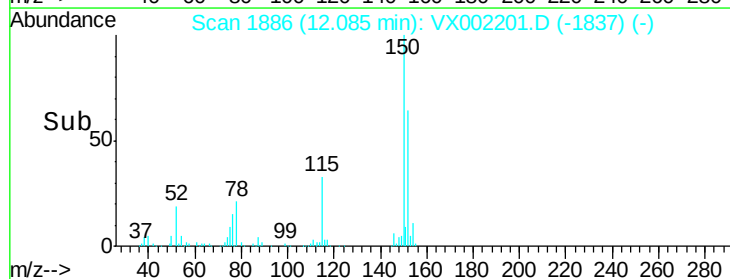
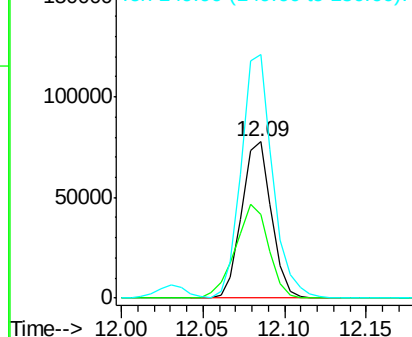
152 100

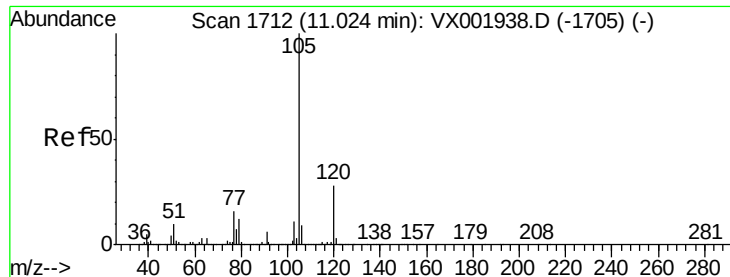
115 67.1 42.3 126.8

150 165.1 0.0 351.0



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





#73

Isopropylbenzene

Concen: 19.97 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

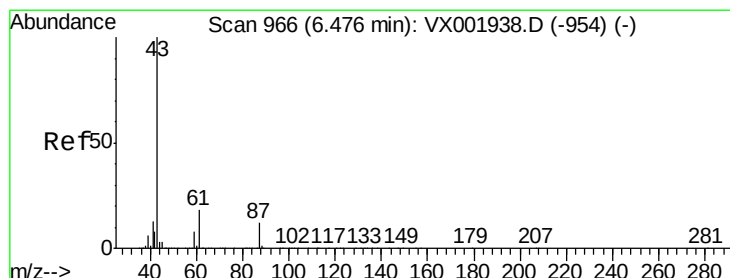
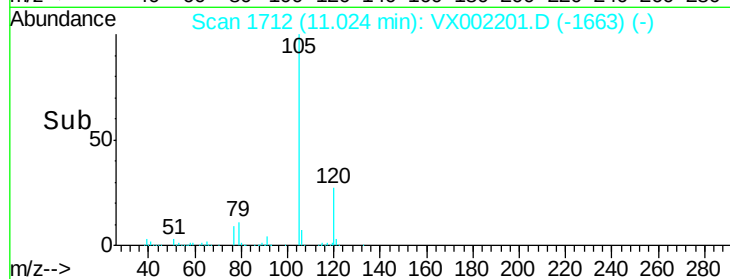
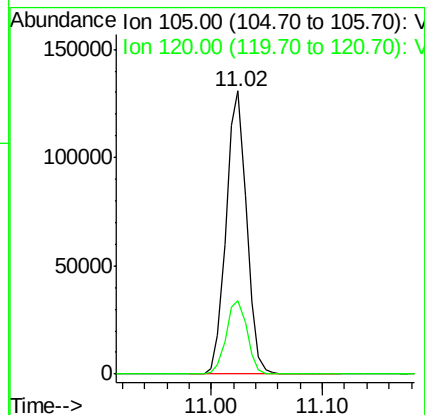
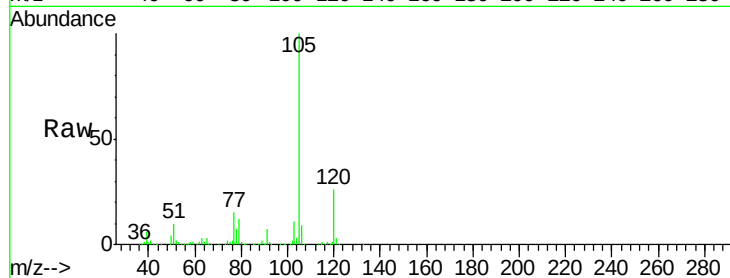
ClientSampled :

Tot Ion:105 Resp: 166438

Ion Ratio Lower Upper

105 100

120 26.5 13.6 40.7



#74

N-ethyl acetate

Concen: 26.57 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Tgt Ion: 43 Resp: 121298

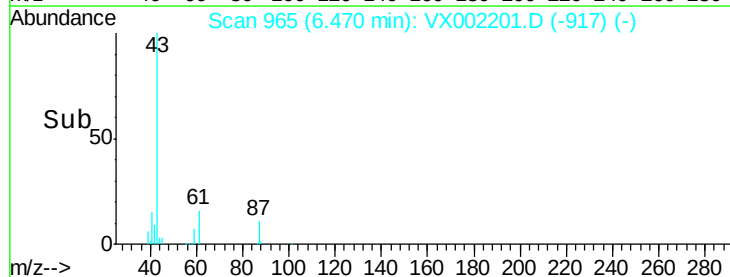
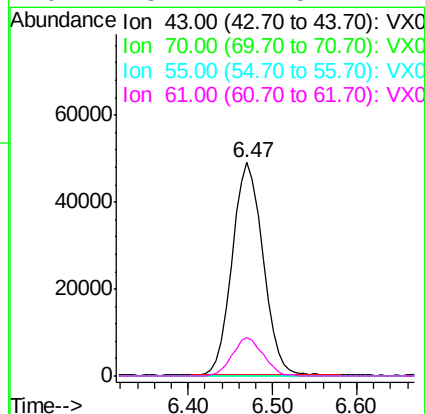
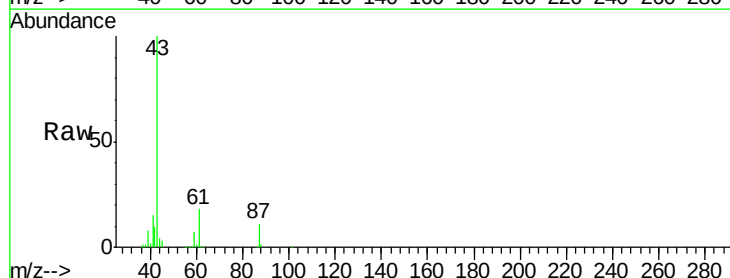
Ion Ratio Lower Upper

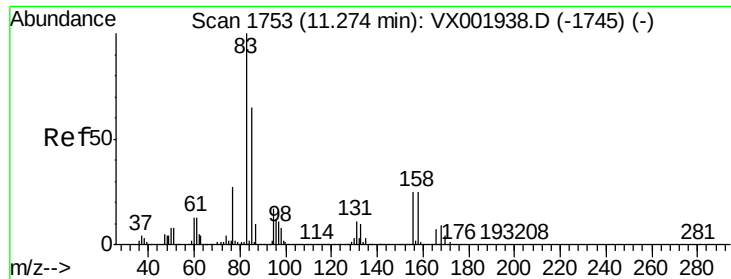
43 100

70 0.0 0.1 0.1#

55 0.2 0.1 0.1#

61 18.2 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 26.90 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

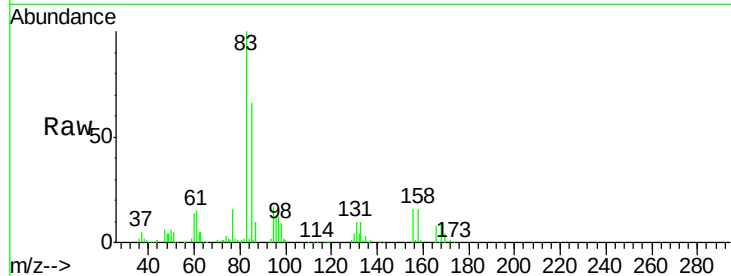
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 83 Resp: 62647

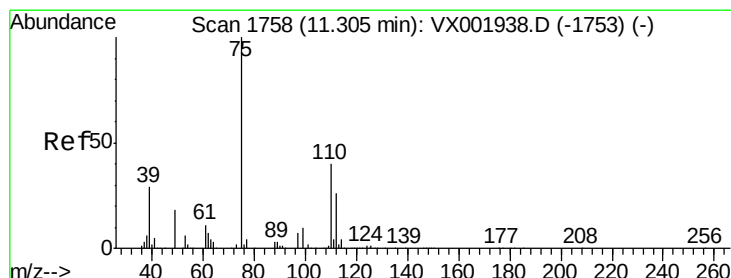
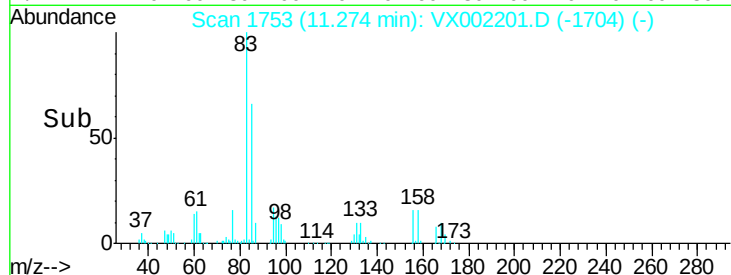
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.7	17.0
85	65.2	32.6	97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 32.74 ug/l

RT: 11.30 min Scan# 1757

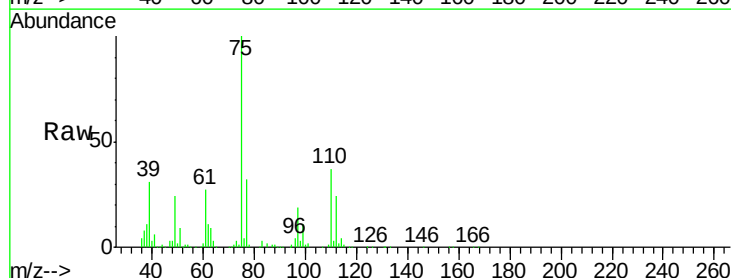
Delta R.T. -0.01 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

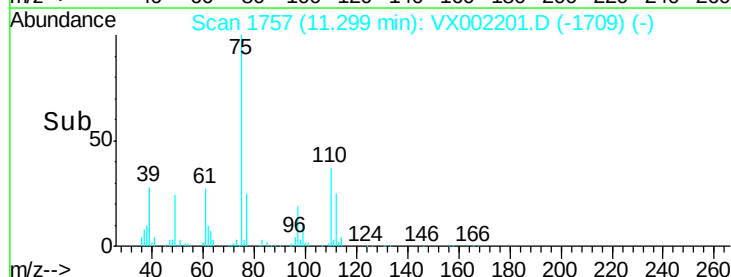
Tgt Ion: 75 Resp: 77406

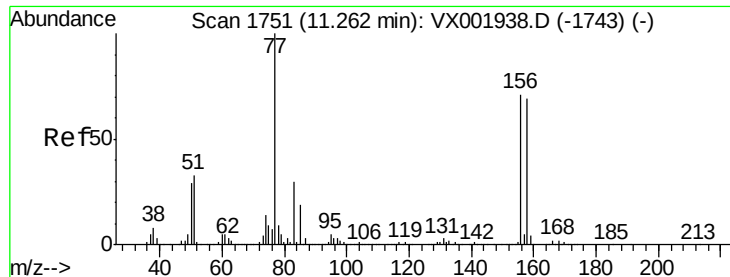
Ion	Ratio	Lower	Upper
75	100		
77	32.9	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.18 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampled :

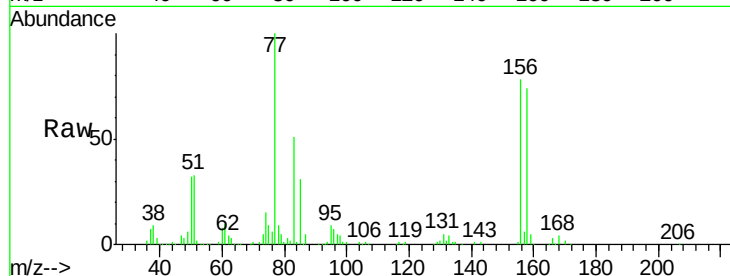
Tot Ion:156 Resp: 46843

Ion Ratio Lower Upper

156 100

77 143.7 75.2 225.6

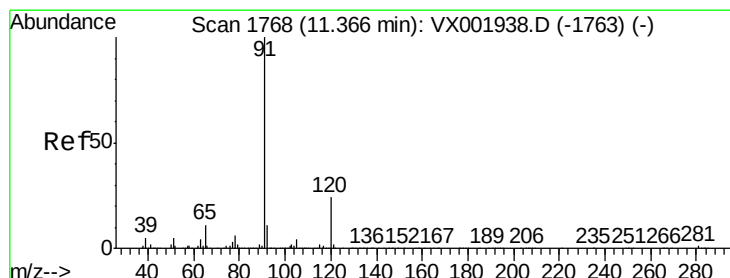
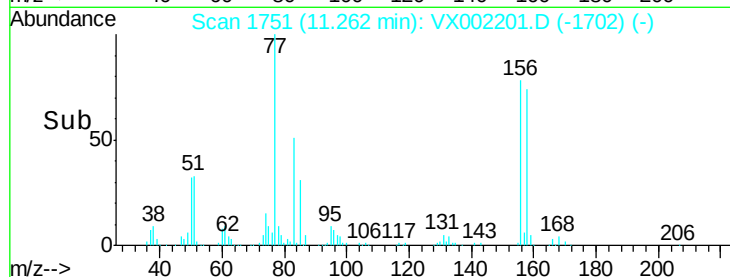
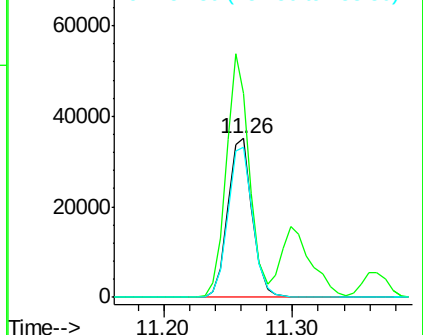
158 96.0 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.88 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002201.D

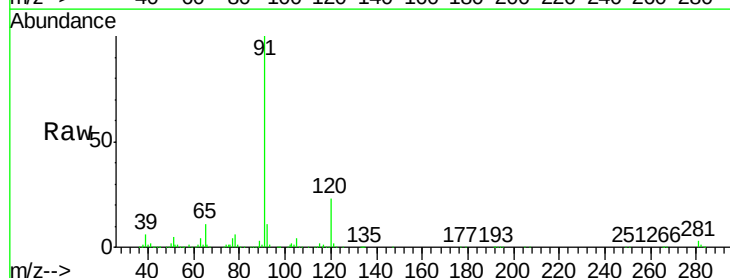
Acq: 01 Jun 2018 05:08

Tgt Ion: 91 Resp: 176294

Ion Ratio Lower Upper

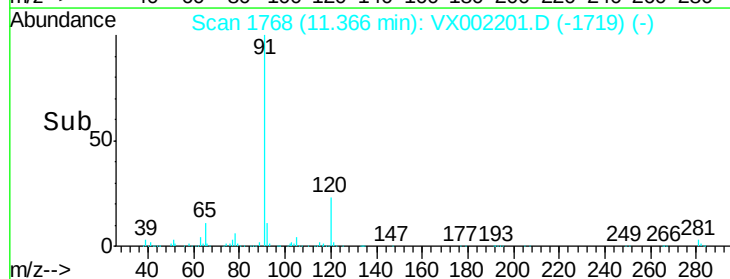
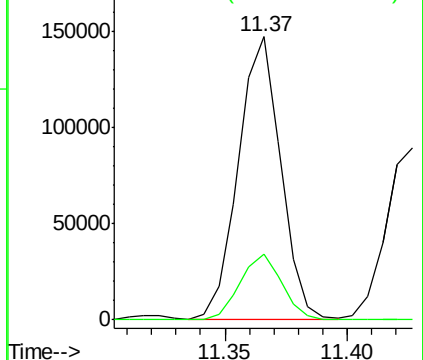
91 100

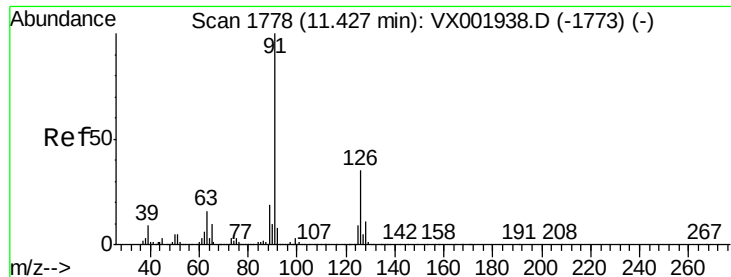
120 23.3 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.45 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

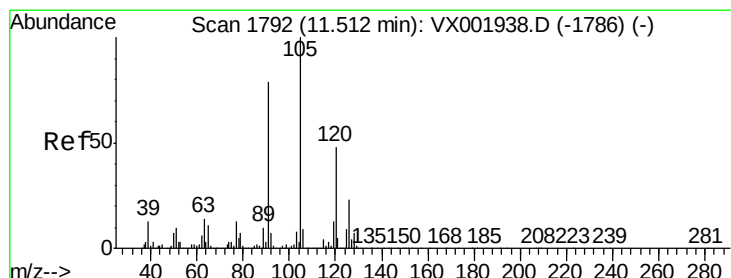
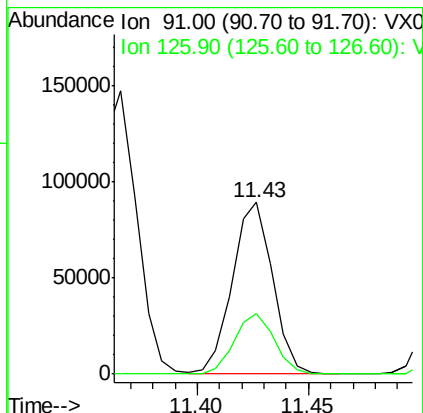
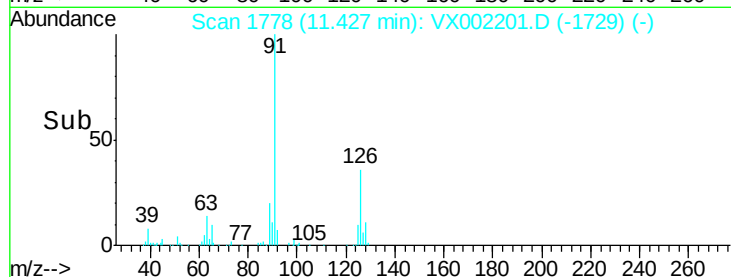
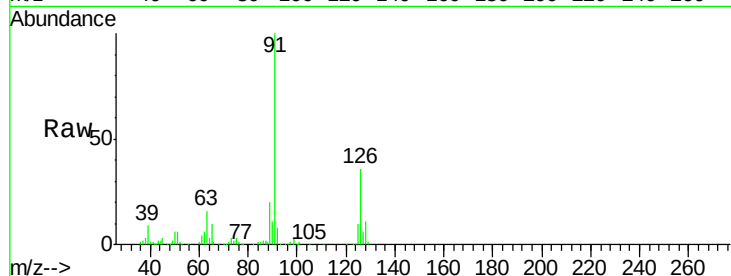
ClientSampleId :

Tot Ion: 91 Resp: 111692

Ion Ratio Lower Upper

91 100

126 35.8 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 19.39 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002201.D

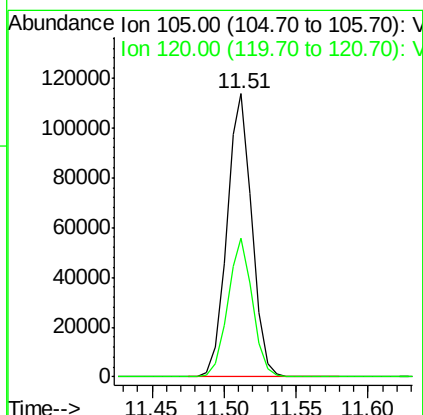
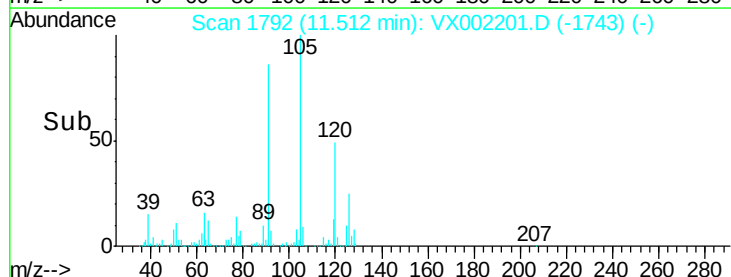
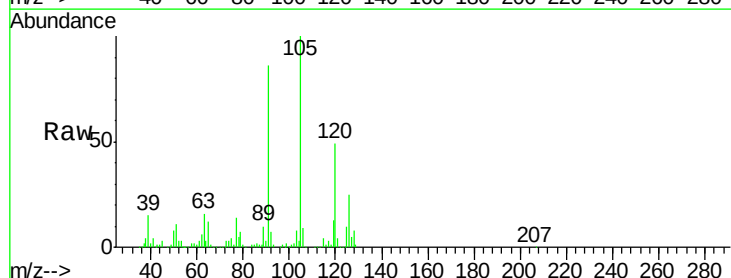
Acq: 01 Jun 2018 05:08

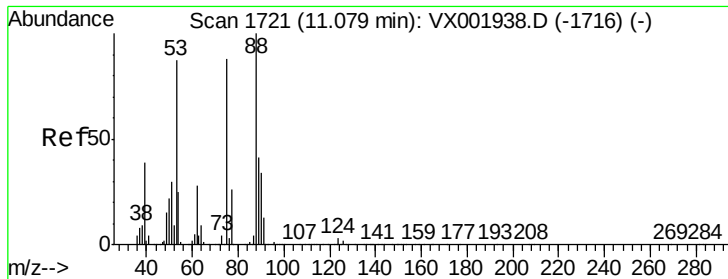
Tgt Ion: 105 Resp: 138096

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 14.70 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

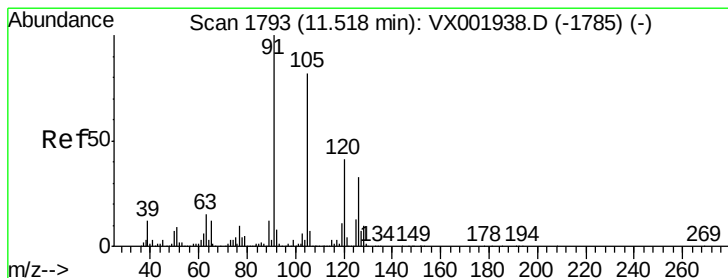
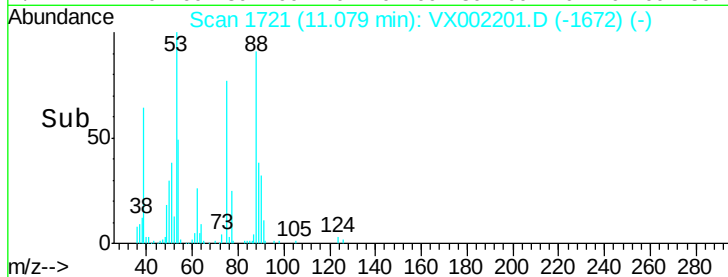
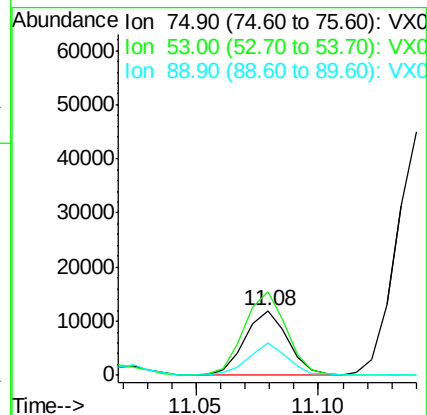
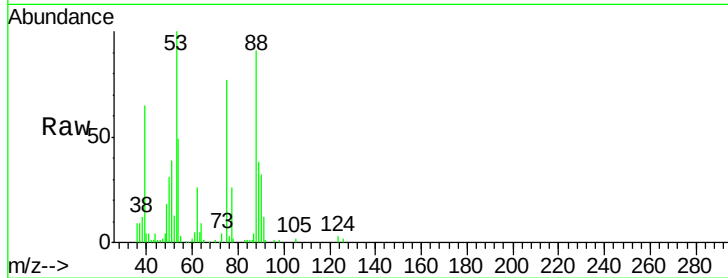
Tot Ion: 75 Resp: 14458

Ion Ratio Lower Upper

75 100

53 127.8 78.0 117.0#

89 46.9 39.4 59.2



#82

4-Chlorotoluene

Concen: 19.02 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002201.D

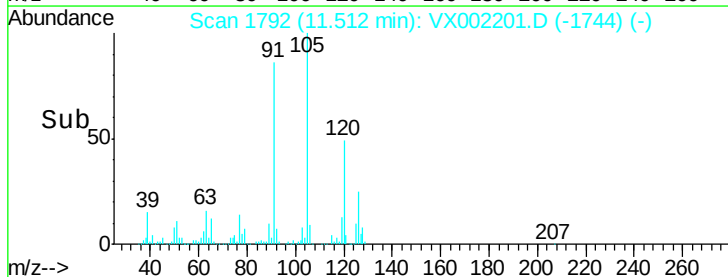
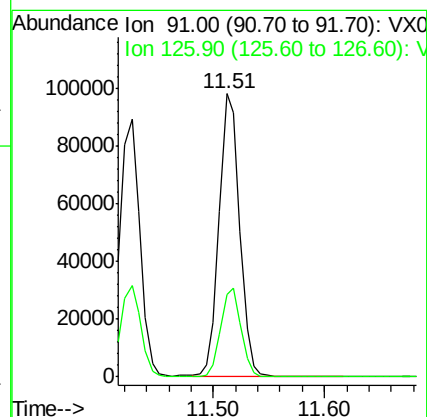
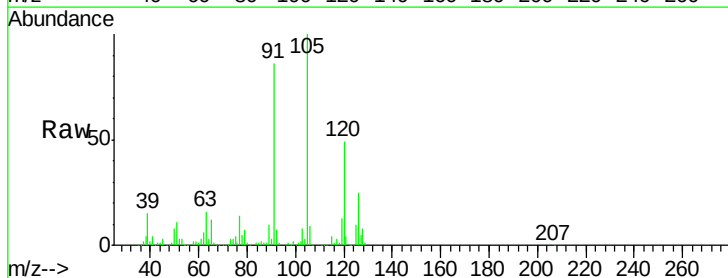
Acq: 01 Jun 2018 05:08

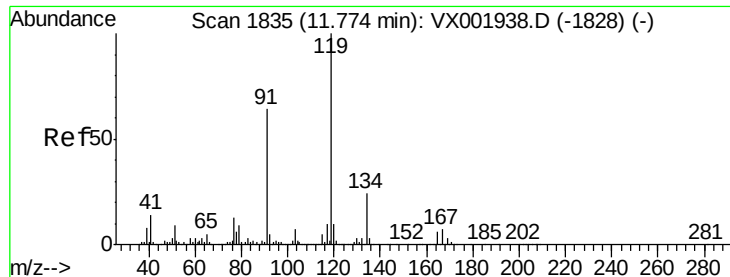
Tgt Ion: 91 Resp: 125261

Ion Ratio Lower Upper

91 100

126 31.1 15.3 45.8

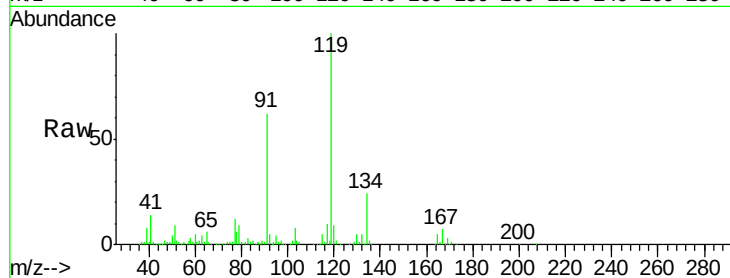




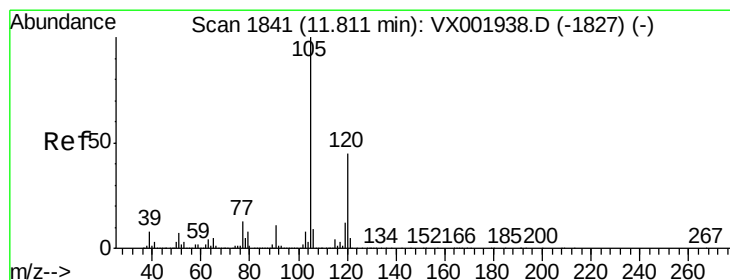
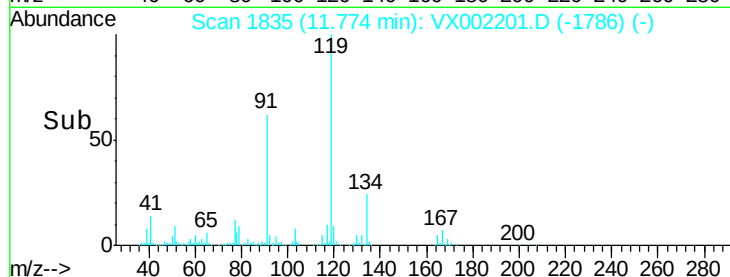
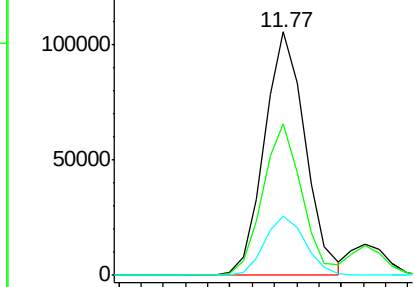
#83
 tert-Butylbenzene
 Concen: 19.26 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:119 Resp: 134647
 Ion Ratio Lower Upper
 119 100
 91 60.2 30.6 91.8
 134 24.2 11.7 35.0

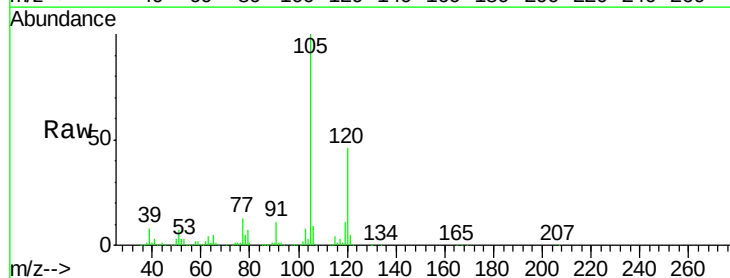


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

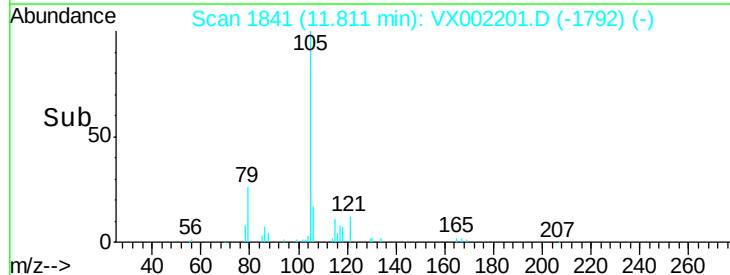
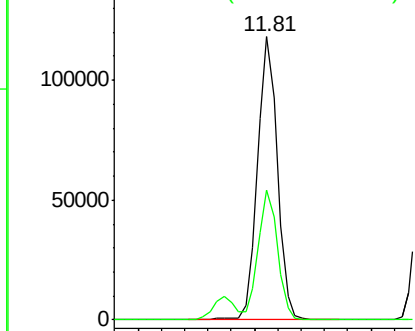


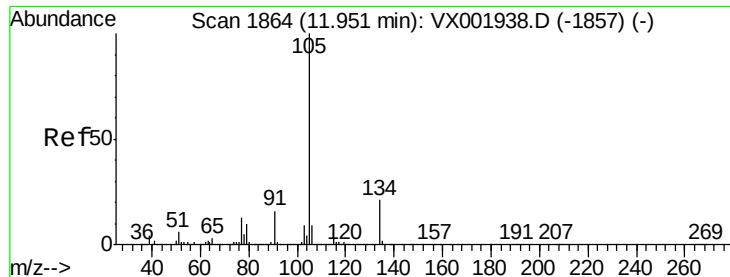
#84
 1,2,4-Trimethylbenzene
 Concen: 19.28 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Tgt Ion:105 Resp: 141926
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.1 66.5



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





#85

sec-Butylbenzene

Concen: 19.02 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

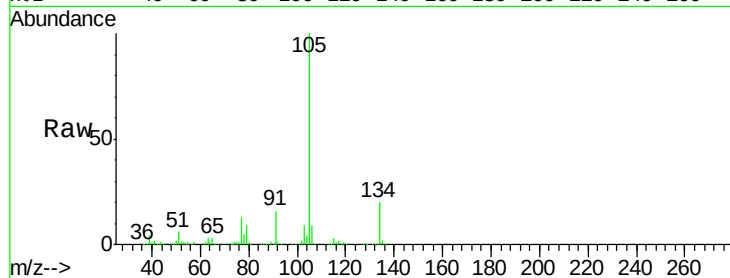
ClientSampleId :

Tot Ion:105 Resp: 159831

Ion Ratio Lower Upper

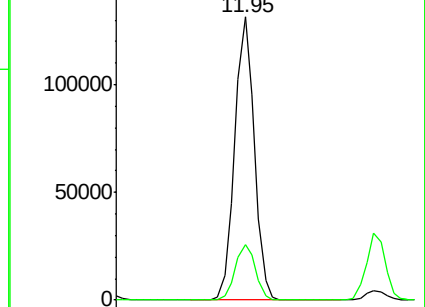
105 100

134 20.3 10.4 31.4

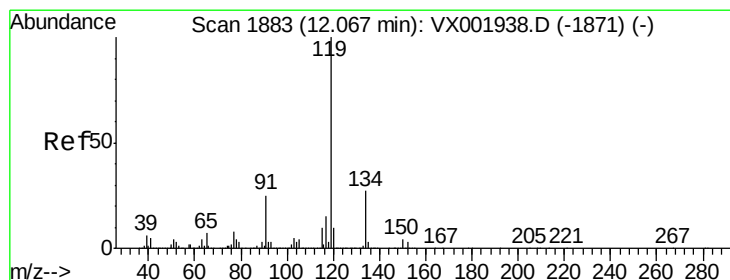
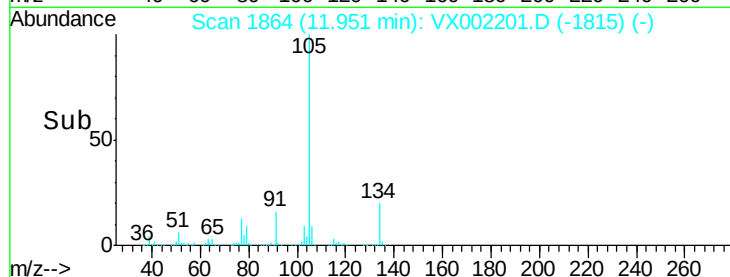


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 18.46 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

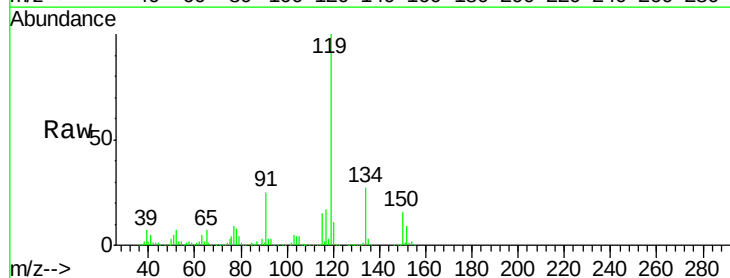
Tgt Ion:119 Resp: 138780

Ion Ratio Lower Upper

119 100

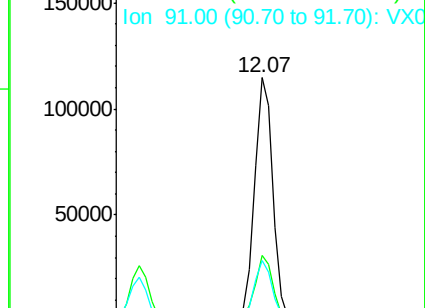
134 26.8 13.6 40.8

91 24.8 12.2 36.4

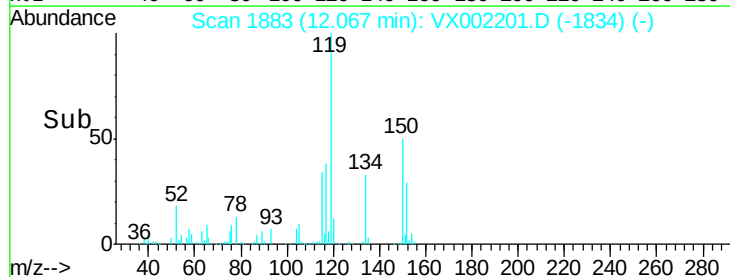


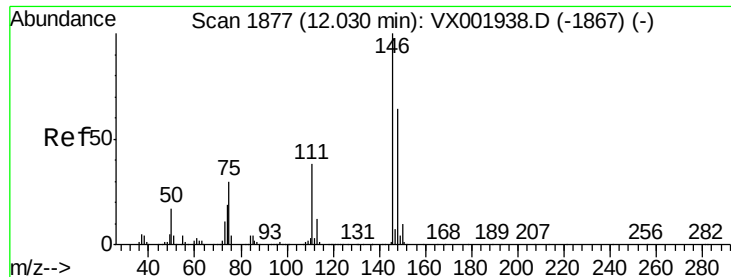
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->

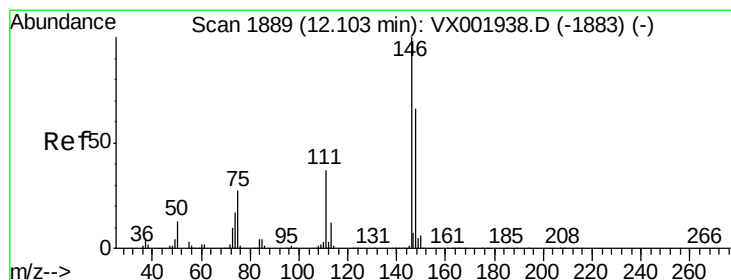
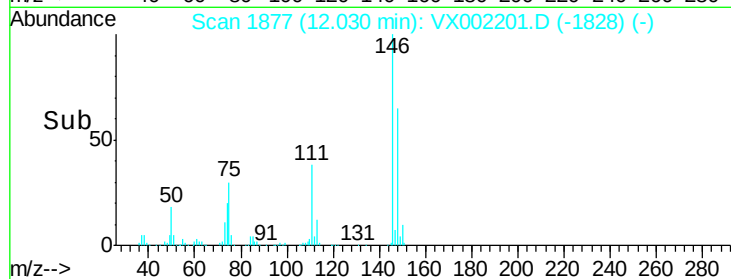
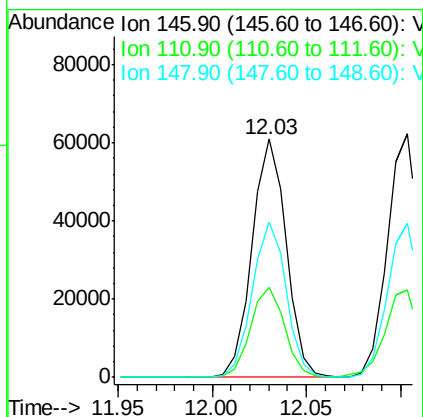
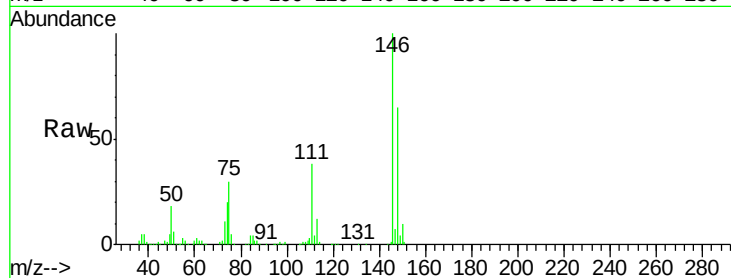




#87
 1,3-Dichlorobenzene
 Concen: 19.32 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

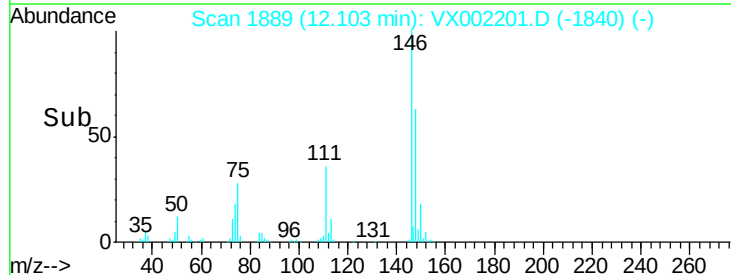
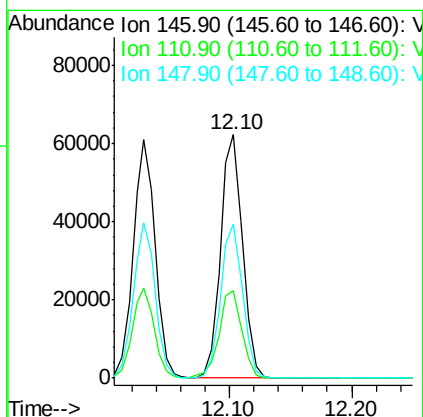
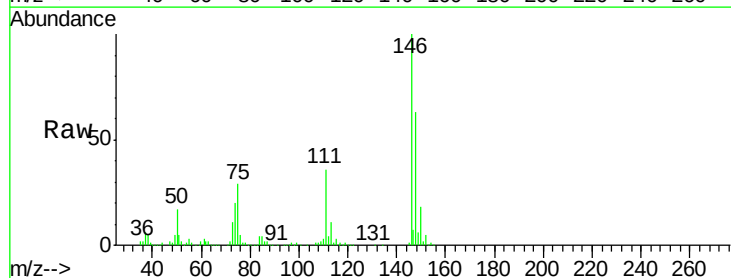
Instrument :
 MSVOA_X
 ClientSampleId :

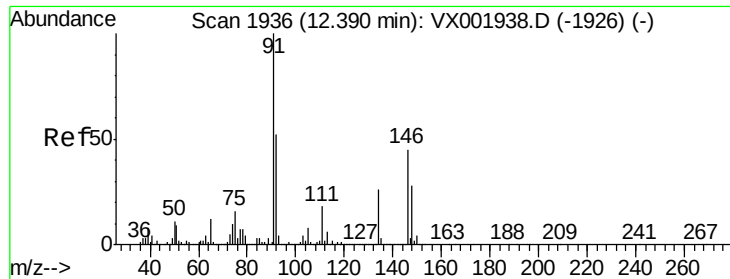
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.3	57.8
148	64.9	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.67 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.5
148	63.6	32.3	96.8





#89

n-Butylbenzene

Concen: 16.92 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

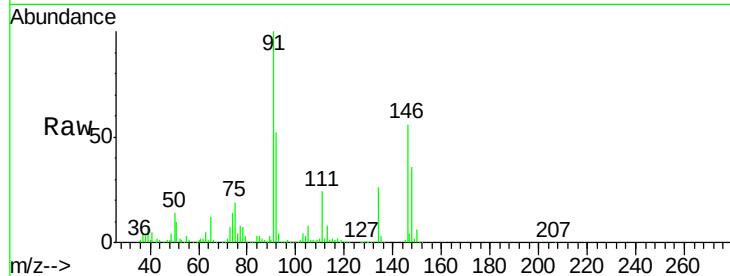
Tot Ion: 91 Resp: 107812

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 26.6 13.6 40.7

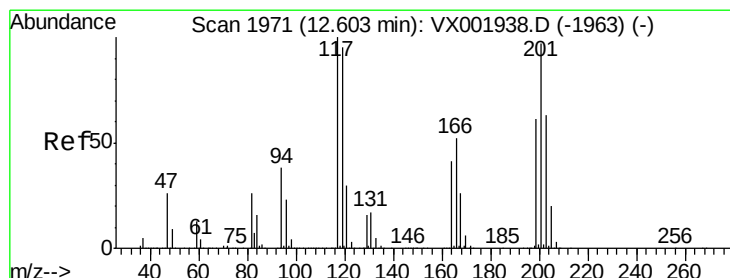
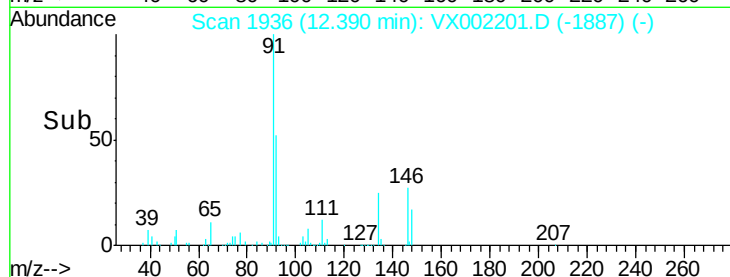


Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1926) (-)

Ion 92.00 (91.70 to 92.70): VX001938.D (-1926) (-)

Ion 134.00 (133.70 to 134.70): VX001938.D (-1926) (-)

Time--> 12.30 12.35 12.40 12.45



#90

Hexachloroethane

Concen: 13.02 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002201.D

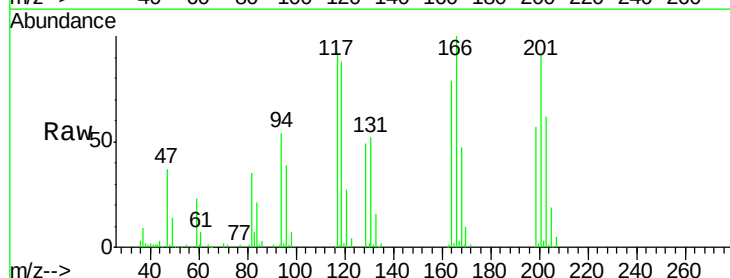
Acq: 01 Jun 2018 05:08

Tgt Ion: 117 Resp: 19308

Ion Ratio Lower Upper

117 100

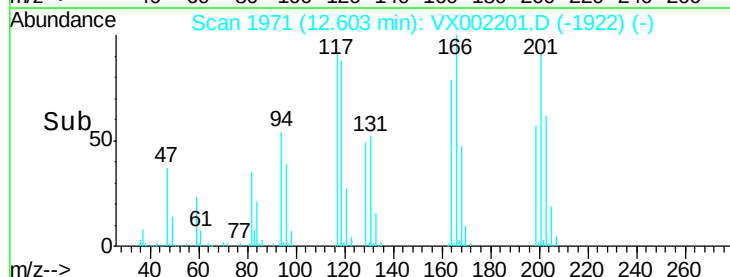
201 94.3 48.0 144.0

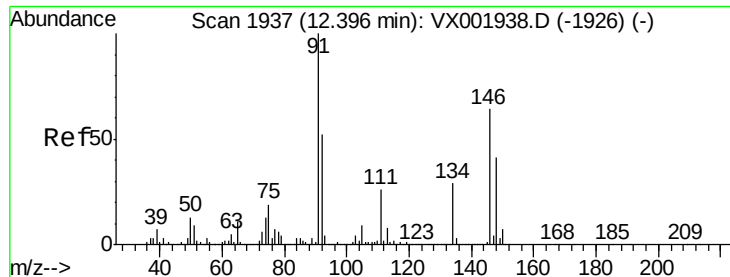


Abundance Ion 116.80 (116.50 to 117.50): VX001938.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX001938.D (-1963) (-)

Time--> 12.55 12.60 12.65

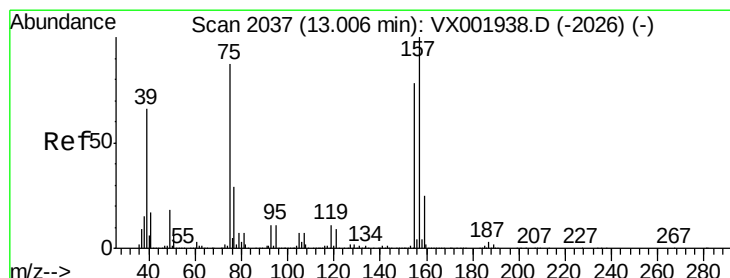
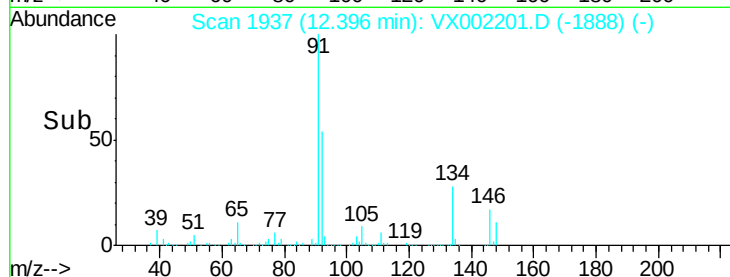
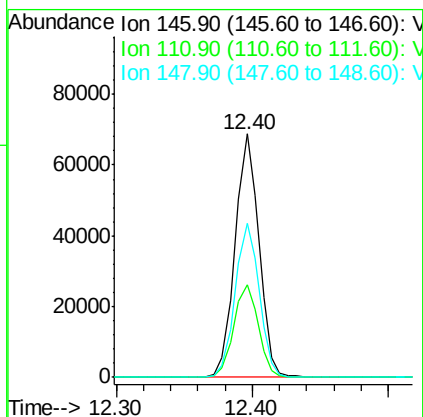
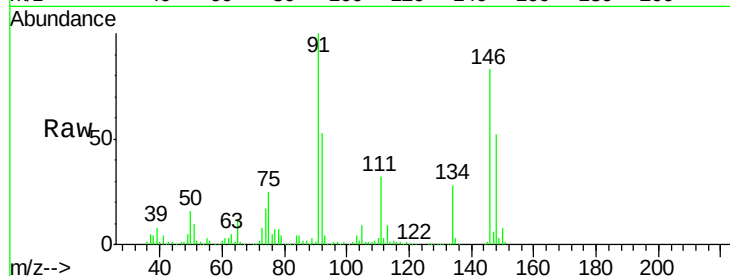




#91
1,2-Dichlorobenzene
Concen: 20.75 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

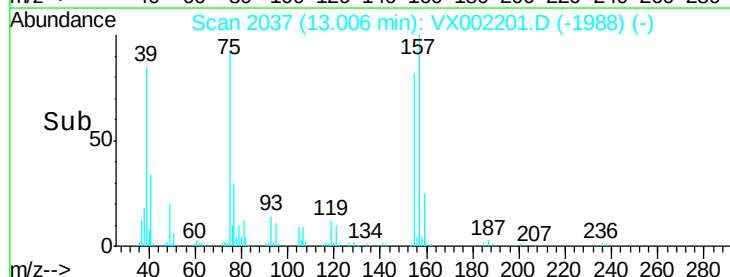
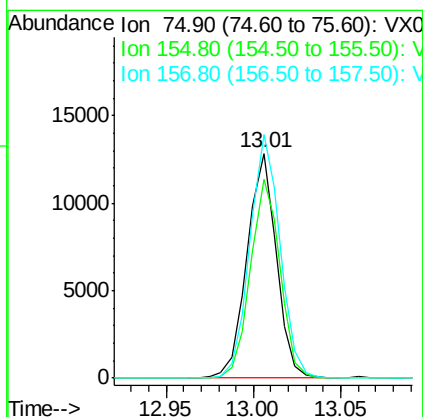
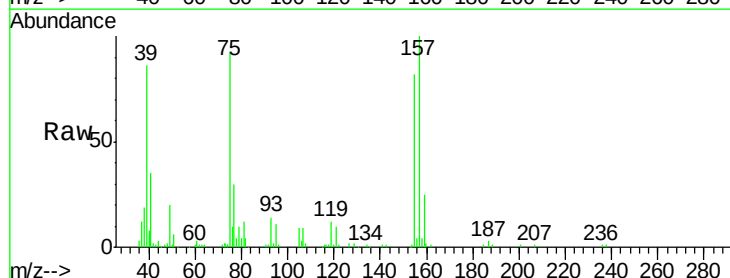
Instrument :
MSVOA_X
ClientSampleId :

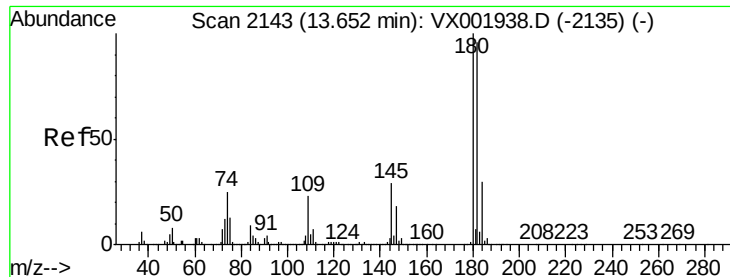
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.3
148	63.9	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.28 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX002201.D
Acq: 01 Jun 2018 05:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.1	45.1	135.2
157	111.9	58.1	174.2

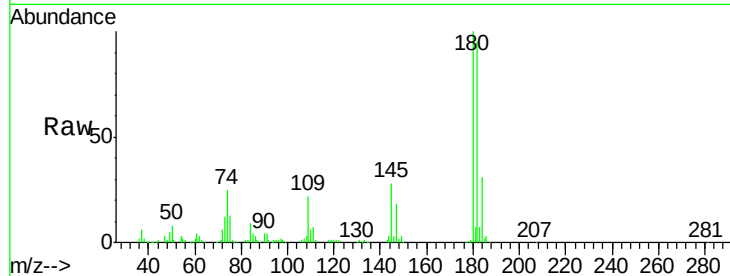




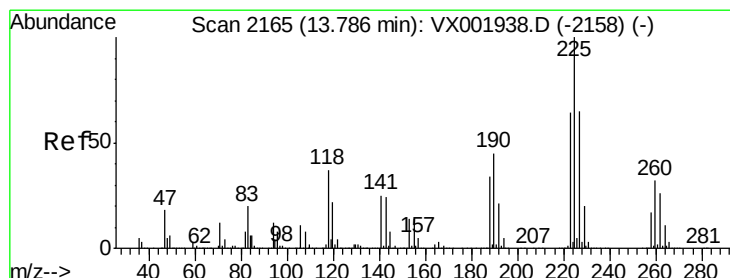
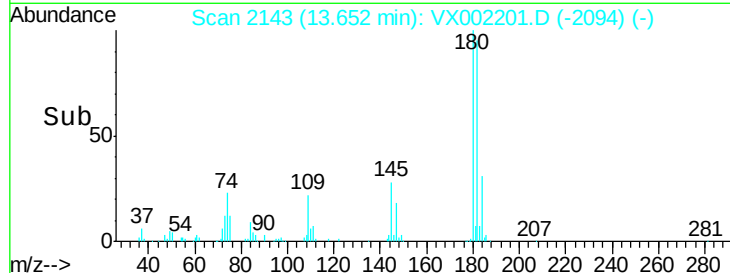
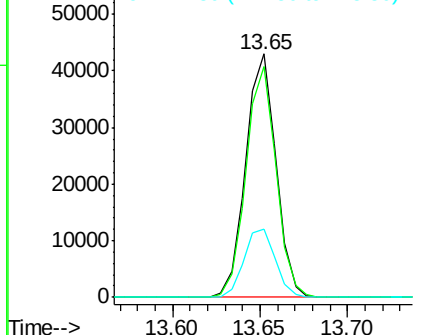
#93
 1,2,4-Trichlorobenzene
 Concen: 17.98 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 51871
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.7 143.1
 145 29.0 14.4 43.0

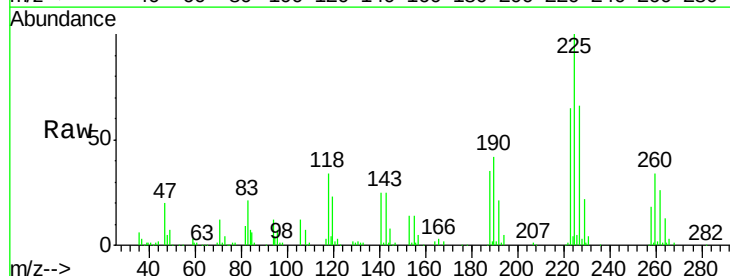


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

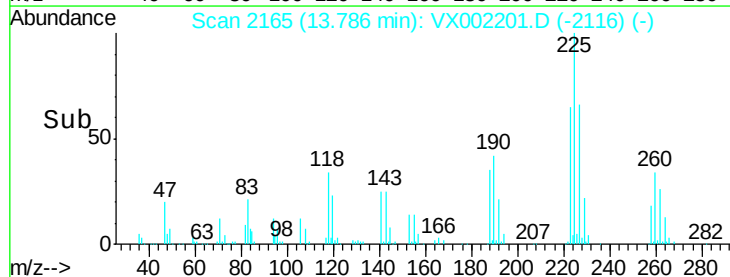
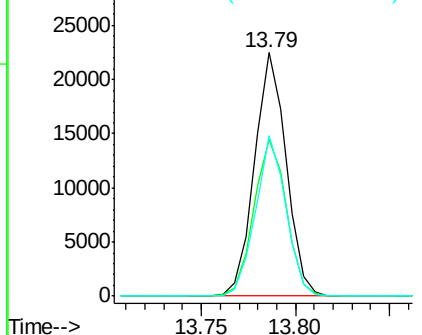


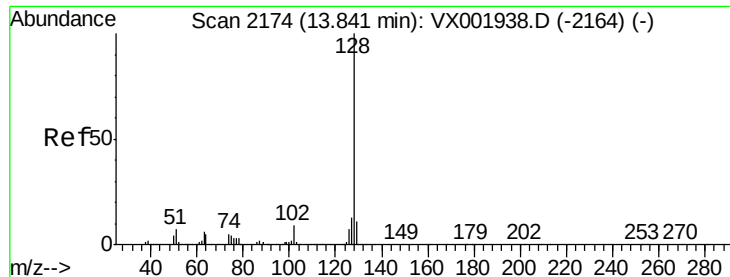
#94
 Hexachlorobutadiene
 Concen: 16.85 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002201.D
 Acq: 01 Jun 2018 05:08

Tgt Ion:225 Resp: 26157
 Ion Ratio Lower Upper
 225 100
 223 66.2 31.1 93.5
 227 63.4 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 22.79 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

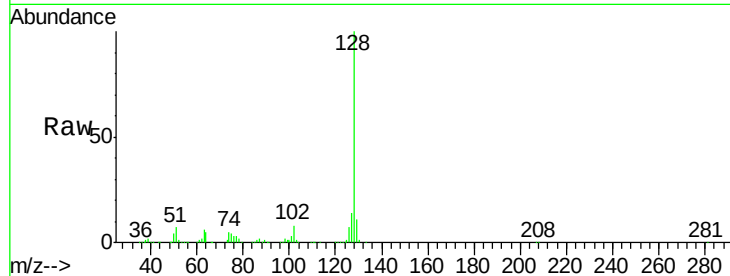
Tot Ion:128 Resp: 202558

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

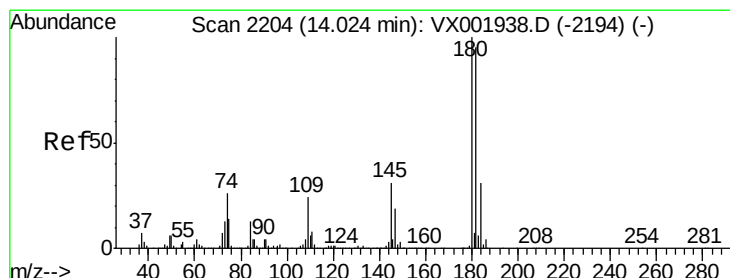
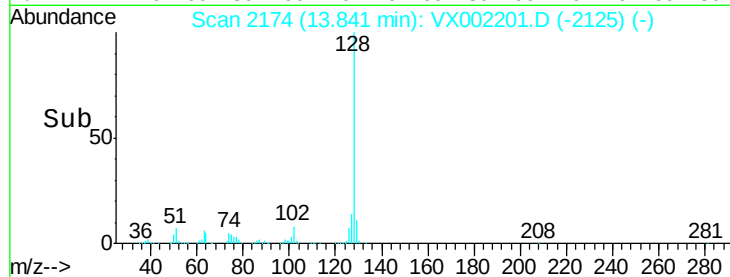
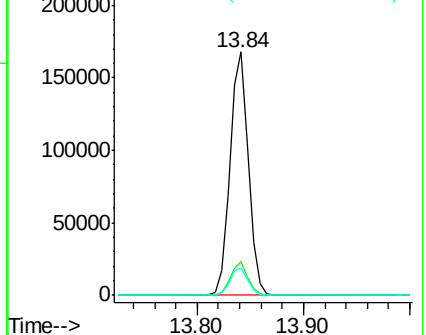
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.50 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002201.D

Acq: 01 Jun 2018 05:08

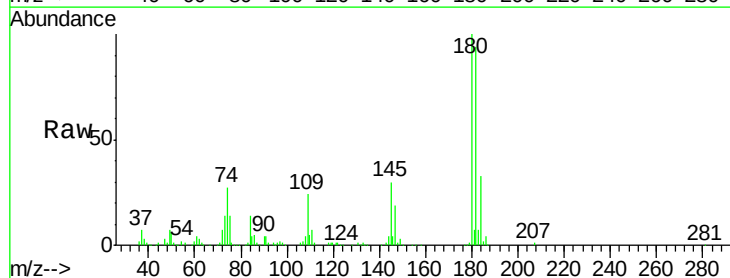
Tgt Ion:180 Resp: 58221

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.6

145 29.4 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

