

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060118\
 Data File : VX002215.D
 Acq On : 01 Jun 2018 13:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 02 03:17:01 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	199471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	279082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	264642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	189355	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200121	56.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.26%	
35) Dibromofluoromethane	5.51	113	149575	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
50) Toluene-d8	8.72	98	580641	57.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.94%	
62) 4-Bromofluorobenzene	11.14	95	232640	58.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99366	39.37	ug/l	97
3) Chloromethane	1.32	50	130135	42.40	ug/l	100
4) Vinyl Chloride	1.41	62	137310	46.34	ug/l	99
5) Bromomethane	1.64	94	80705	59.35	ug/l	99
6) Chloroethane	1.72	64	93109	53.30	ug/l	99
7) Trichlorofluoromethane	1.93	101	233868	52.55	ug/l	98
8) Diethyl Ether	2.19	74	93161	57.70	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	136675	55.04	ug/l	96
10) Methyl Iodide	2.51	142	161125	47.95	ug/l	97
11) Tert butyl alcohol	3.07	59	187466	267.85	ug/l	99
12) 1,1-Dichloroethene	2.37	96	118052	50.77	ug/l	96
13) Acrolein	2.30	56	58629	193.75	ug/l	99
14) Allyl chloride	2.73	41	266411	54.59	ug/l	97
15) Acrylonitrile	3.15	53	409679	284.65	ug/l	99
16) Acetone	2.45	43	429947	312.45	ug/l	100
17) Carbon Disulfide	2.57	76	268366	40.11	ug/l	99
18) Methyl Acetate	2.78	43	210560	63.83	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	499684	57.14	ug/l	99
20) Methylene Chloride	2.86	84	147635	62.38	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	130950	58.11	ug/l	99
22) Diisopropyl ether	3.87	45	523675	52.75	ug/l	96
23) Vinyl Acetate	3.82	43	2317527	281.57	ug/l	99
24) 1,1-Dichloroethane	3.70	63	269698	57.19	ug/l	99
25) 2-Butanone	4.71	43	572461	226.98	ug/l	98
26) 2,2-Dichloropropane	4.59	77	199921	41.89	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	139387	45.98	ug/l	97
28) Bromochloromethane	5.03	49	120818	61.44	ug/l	99
29) Tetrahydrofuran	5.17	42	365218	222.57	ug/l	99
30) Chloroform	5.22	83	253558	47.73	ug/l	97
31) Cyclohexane	5.57	56	209648	42.67	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	213859	43.18	ug/l	99
36) 1,1-Dichloropropene	5.80	75	176877	45.56	ug/l	99
37) Ethyl Acetate	4.87	43	221916	43.85	ug/l	99
38) Carbon Tetrachloride	5.79	117	185748	41.03	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	220986	46.34	ug/l	97
40) Benzene	6.15	78	546374	48.04	ug/l	100
41) Methacrylonitrile	5.07	41	127252	47.58	ug/l	99
42) 1,2-Dichloroethane	6.20	62	221761	48.82	ug/l	99
43) Isopropyl Acetate	6.47	43	379093	44.96	ug/l	99
44) Trichloroethene	7.21	130	155489	46.92	ug/l	98
45) 1,2-Dichloropropane	7.52	63	150773	48.82	ug/l	98
46) Dibromomethane	7.67	93	100151	48.98	ug/l	99
47) Bromodichloromethane	7.90	83	187649	43.04	ug/l	100
48) Methyl methacrylate	7.78	41	196839	45.86	ug/l	98
49) 1,4-Dioxane	7.76	88	68621	907.33	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1222240	240.44	ug/l	99
52) Toluene	8.79	92	358217	49.49	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	230555	45.91	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	218238	44.60	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	150644	49.82	ug/l	97
56) Ethyl methacrylate	9.18	69	240360	46.22	ug/l	99
57) 1,3-Dichloropropane	9.38	76	249308	50.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	516195	223.94	ug/l	100
59) 2-Hexanone	9.50	43	951652	242.80	ug/l	99
60) Dibromochloromethane	9.59	129	153356	42.82	ug/l	98
61) 1,2-Dibromoethane	9.68	107	157854	49.76	ug/l	99
64) Tetrachloroethene	9.34	164	177852	46.87	ug/l	97
65) Chlorobenzene	10.14	112	414455	49.43	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	153623	45.37	ug/l	99
67) Ethyl Benzene	10.26	91	711847	48.86	ug/l	100
68) m/p-Xylenes	10.36	106	554572	99.59	ug/l	99
69) o-Xylene	10.70	106	275542	49.56	ug/l	99
70) Styrene	10.71	104	461747	50.07	ug/l	99
71) Bromoform	10.86	173	119942	37.36	ug/l	# 99
73) Isopropylbenzene	11.02	105	739499	46.12	ug/l	99
74) N-amyl acetate	6.47	43	379093	45.28	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	220157	50.21	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	274107	60.27	ug/l	81
77) Bromobenzene	11.26	156	200077	47.03	ug/l	96
78) n-propylbenzene	11.37	91	842806	46.93	ug/l	100
79) 2-Chlorotoluene	11.43	91	504037	51.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	638656	46.61	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	66716	35.25	ug/l	88
82) 4-Chlorotoluene	11.52	91	607031	47.92	ug/l	99
83) tert-Butylbenzene	11.77	119	610575	45.41	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	662312	46.77	ug/l	99
85) sec-Butylbenzene	11.95	105	756920	46.83	ug/l	100
86) p-Isopropyltoluene	12.07	119	689390	47.66	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	369304	48.47	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	378118	49.64	ug/l	99
89) n-Butylbenzene	12.39	91	604111	49.29	ug/l	99
90) Hexachloroethane	12.60	117	104161	36.51	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	379665	48.91	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50930	35.72	ug/l	99

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

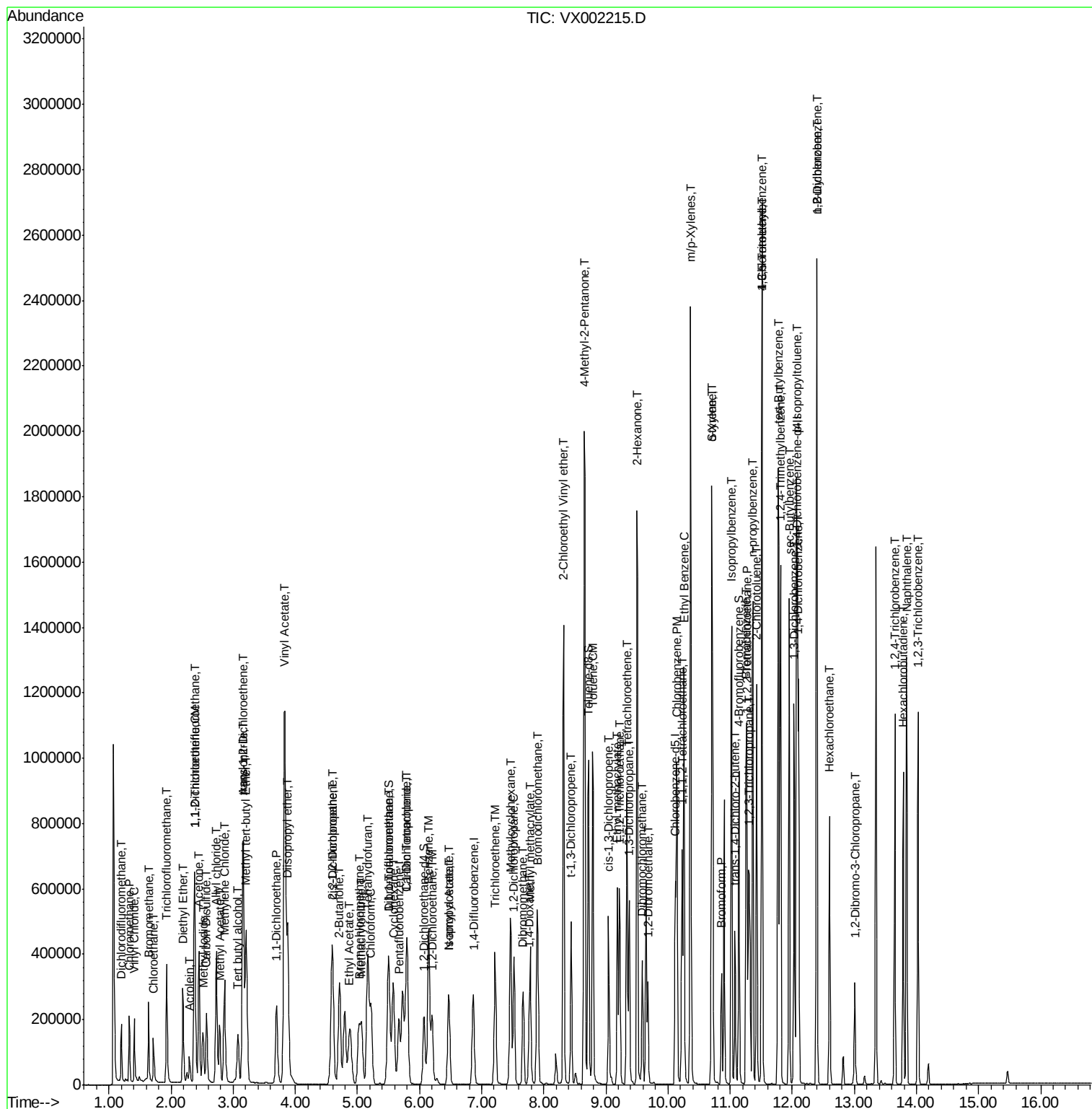
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	273175	49.21	ug/l	99
94) Hexachlorobutadiene	13.79	225	141701	47.46	ug/l	100
95) Naphthalene	13.84	128	786441	45.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	280602	48.85	ug/l	100

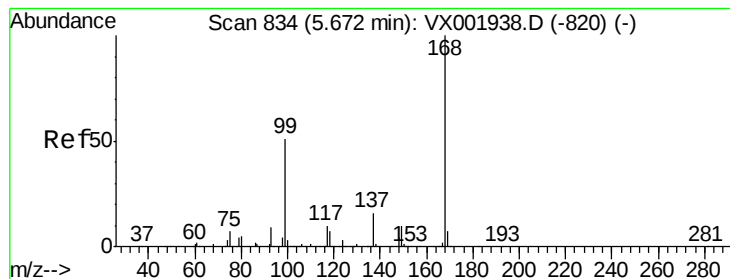
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : VSTDCCC050  
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ALS Vial  : 2      Sample Multiplier: 1
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Instrument :
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

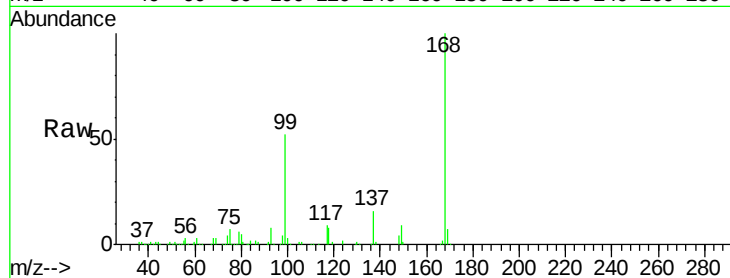
ClientSampled :

Tot Ion:168 Resp: 199471

Ion Ratio Lower Upper

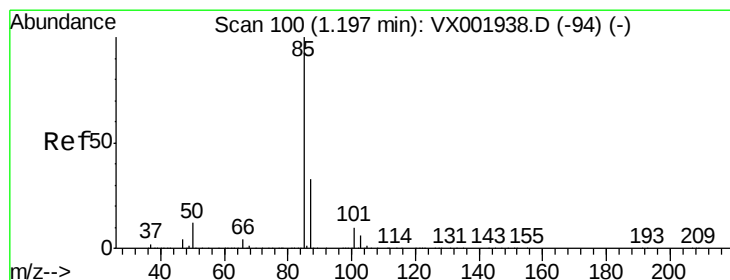
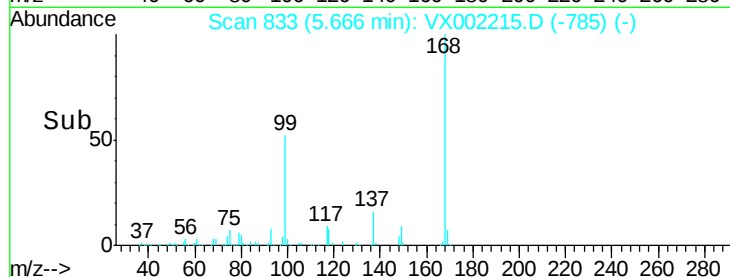
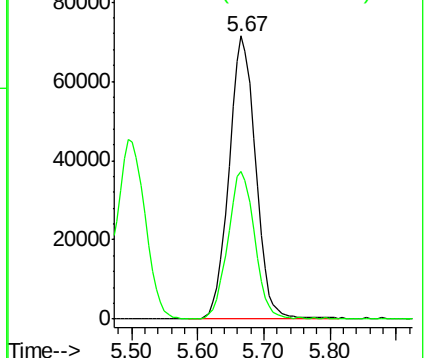
168 100

99 51.8 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 39.37 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002215.D

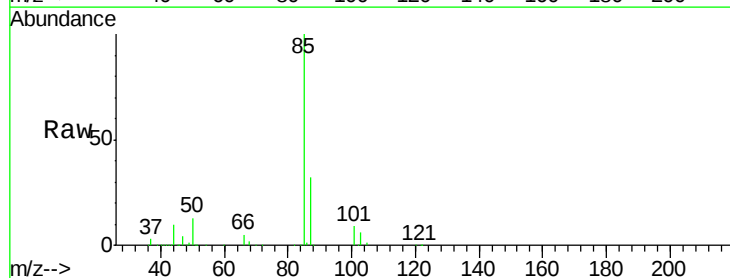
Acq: 01 Jun 2018 13:59

Tgt Ion: 85 Resp: 99366

Ion Ratio Lower Upper

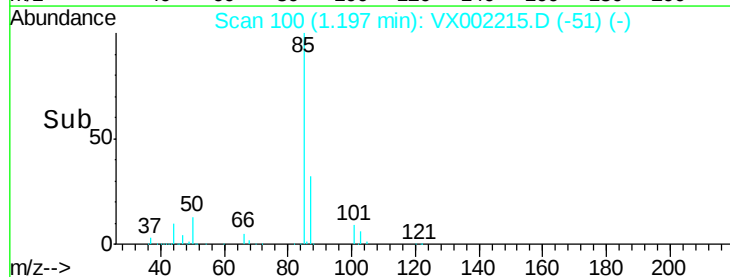
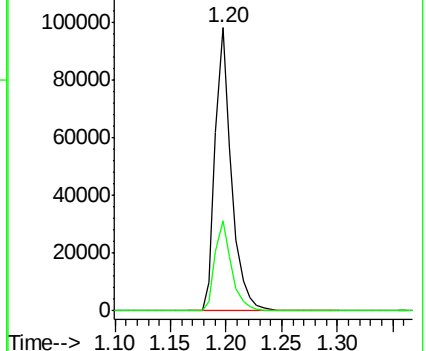
85 100

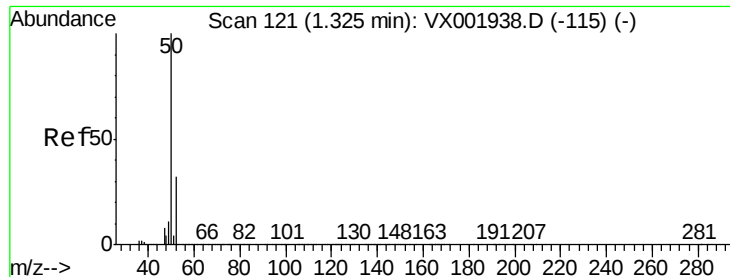
87 31.6 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.40 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

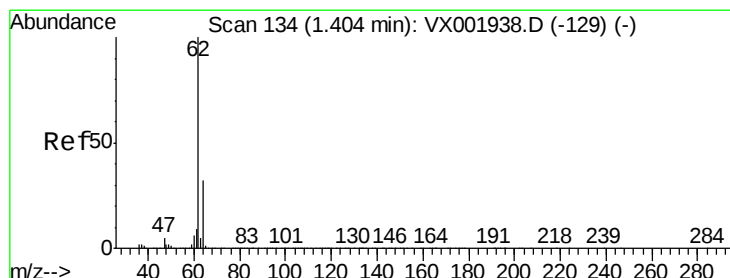
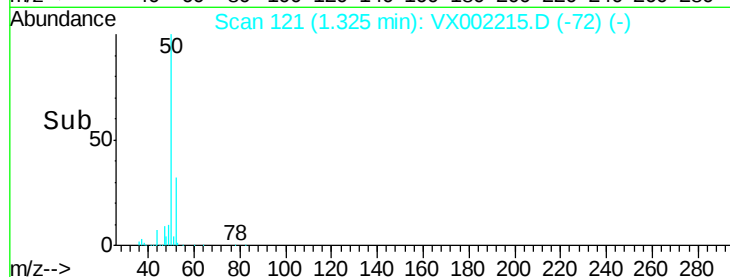
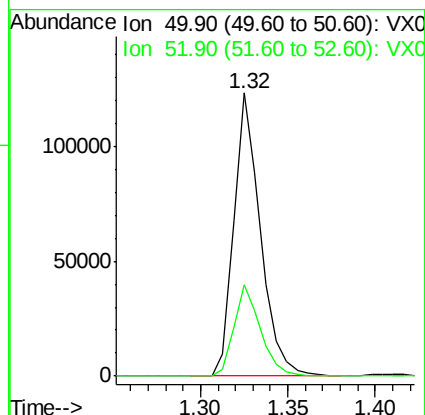
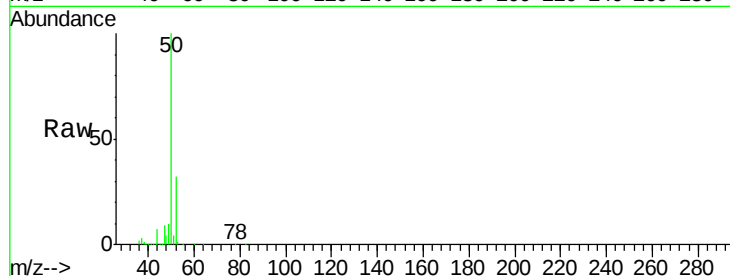
ClientSampleId :

Tot Ion: 50 Resp: 130135

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



#4

Vinyl Chloride

Concen: 46.34 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002215.D

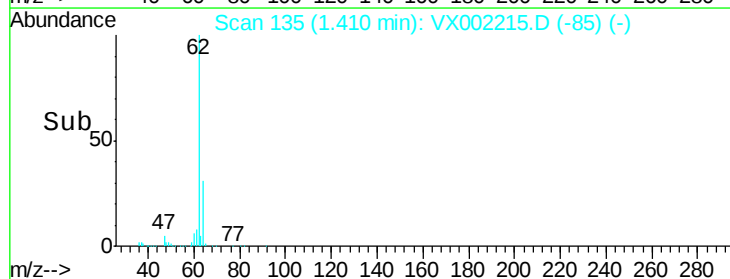
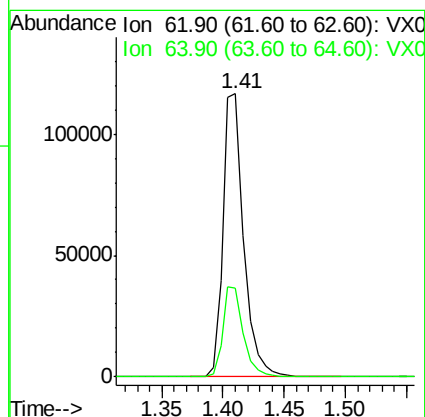
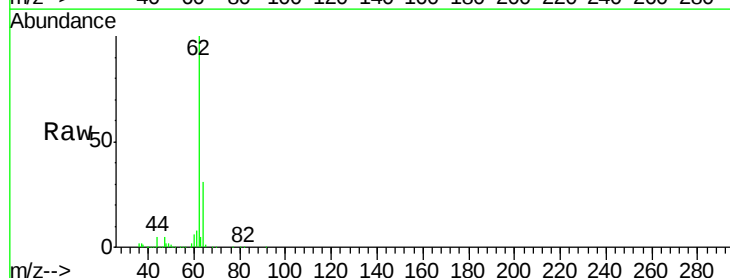
Acq: 01 Jun 2018 13:59

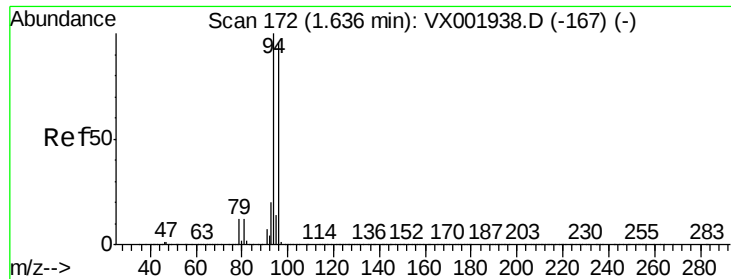
Tgt Ion: 62 Resp: 137310

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.0





#5

Bromomethane

Concen: 59.35 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

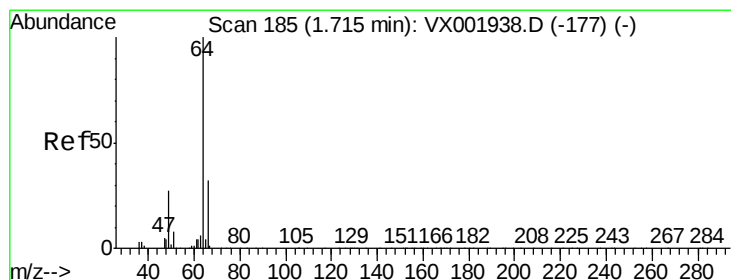
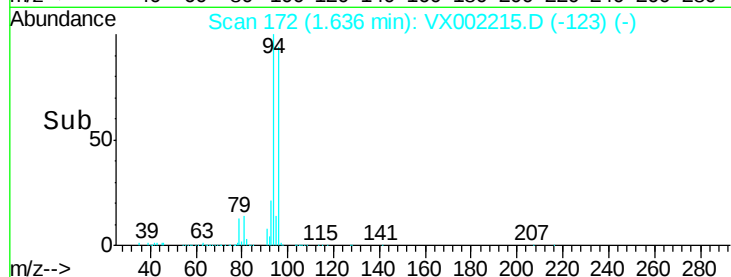
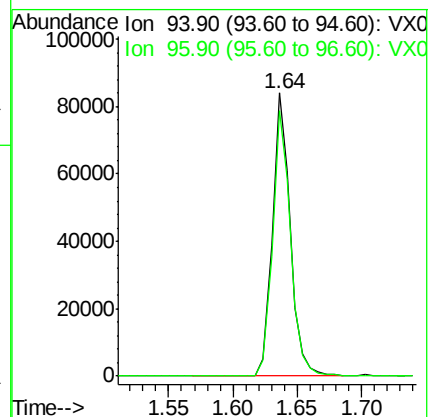
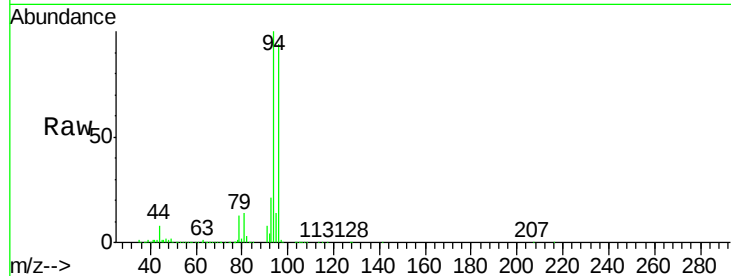
ClientSampleId :

Tot Ion: 94 Resp: 80705

Ion Ratio Lower Upper

94 100

96 93.7 75.9 113.9



#6

Chloroethane

Concen: 53.30 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX002215.D

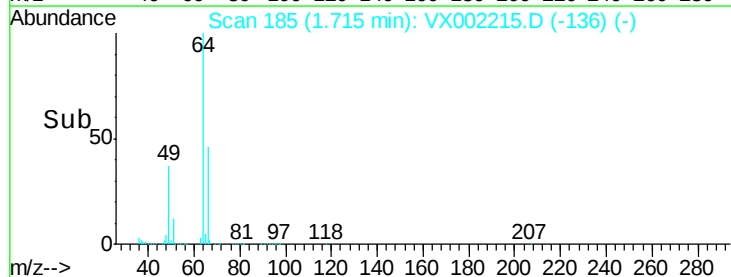
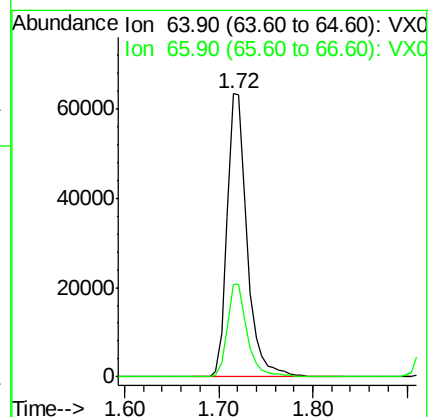
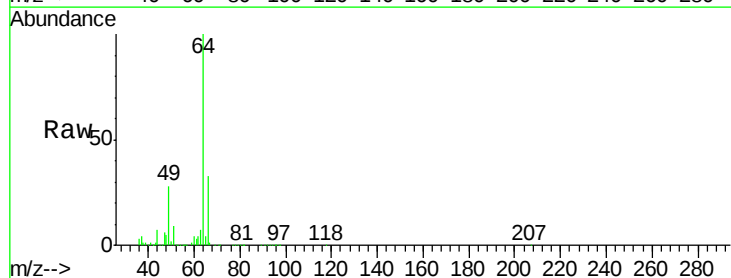
Acq: 01 Jun 2018 13:59

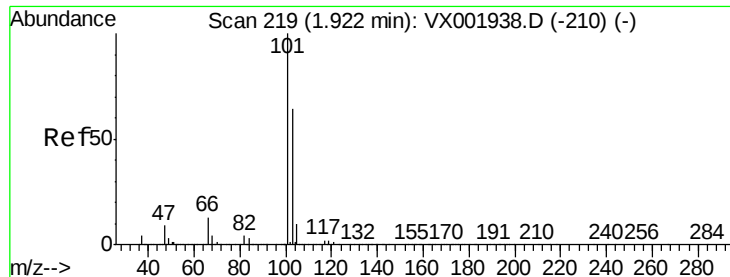
Tgt Ion: 64 Resp: 93109

Ion Ratio Lower Upper

64 100

66 32.7 25.6 38.4



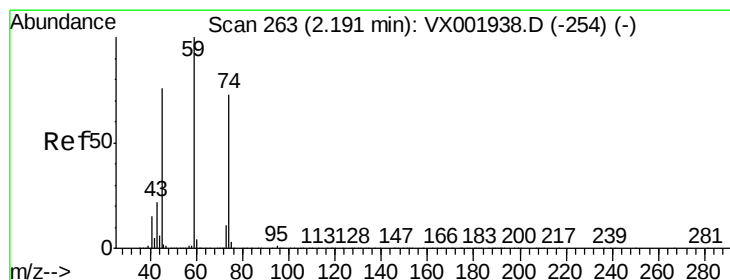
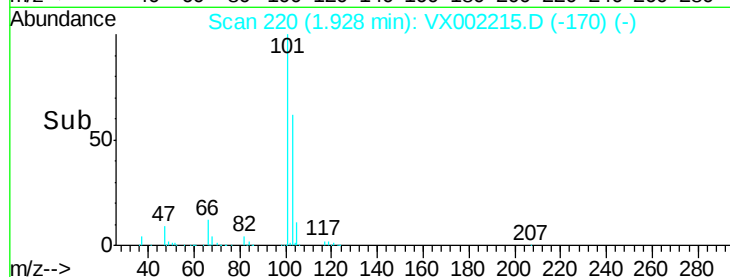
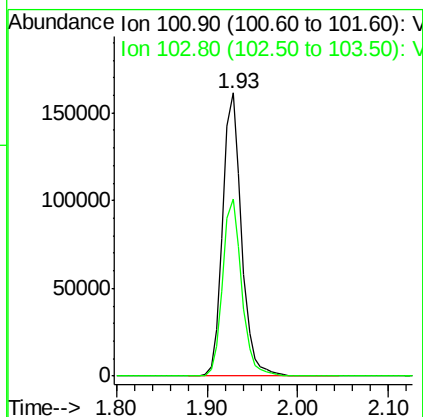
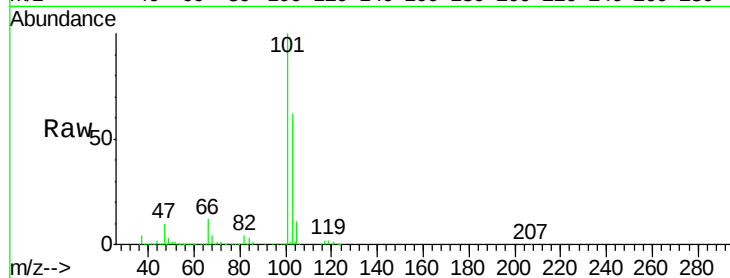


#7

Trichlorofluoromethane
Concen: 52.55 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :

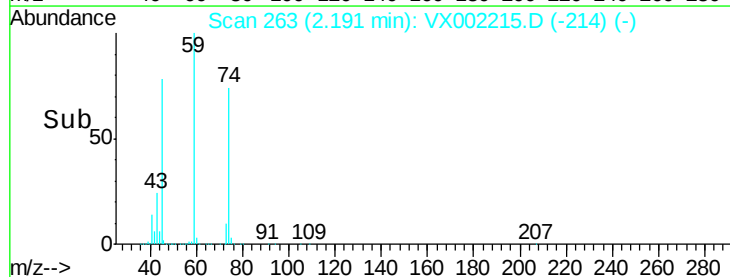
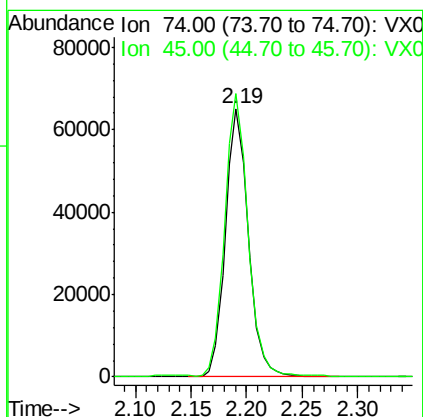
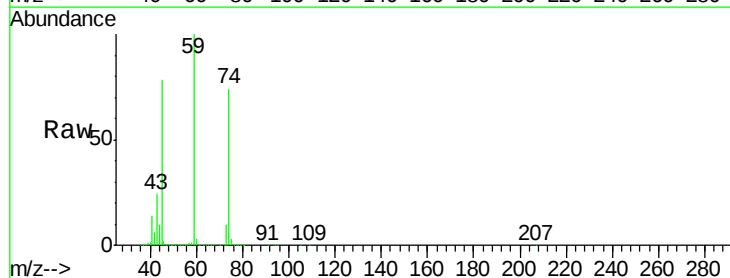
Tot Ion:101 Resp: 233868
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.0

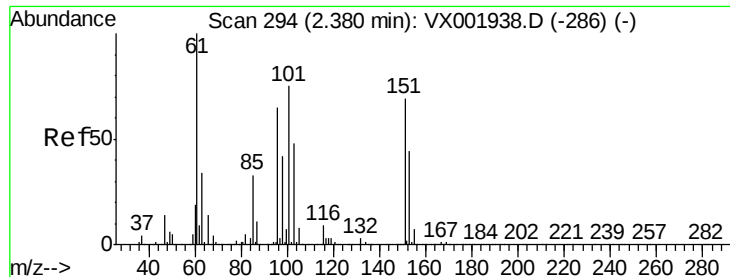


#8

Diethyl Ether
Concen: 57.70 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion: 74 Resp: 93161
Ion Ratio Lower Upper
74 100
45 106.0 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.04 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampled :

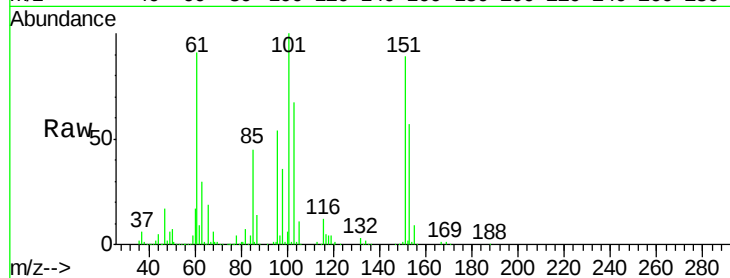
Tot Ion:101 Resp: 136675

Ion Ratio Lower Upper

101 100

85 45.6 35.6 53.4

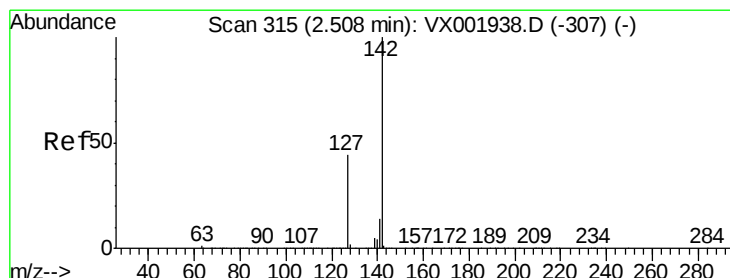
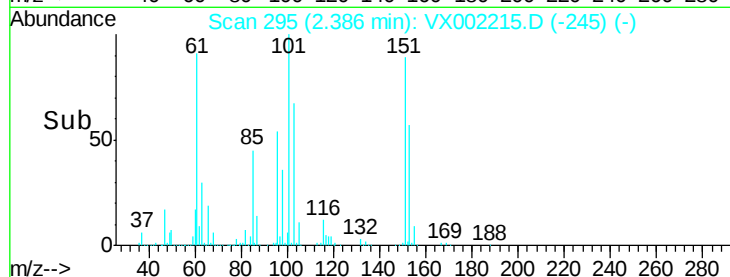
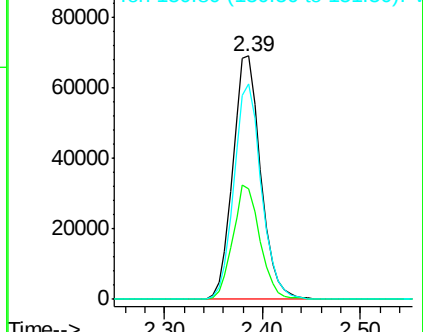
151 87.2 73.2 109.8



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: 47.95 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

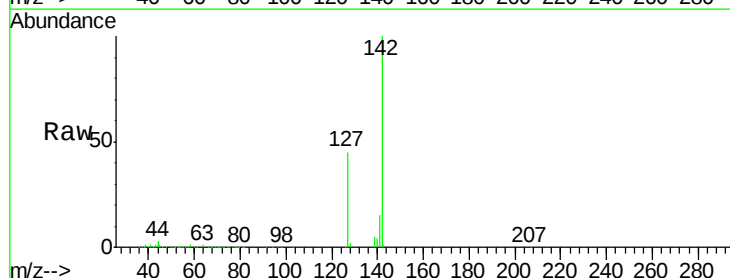
Tgt Ion:142 Resp: 161125

Ion Ratio Lower Upper

142 100

127 46.7 35.5 53.3

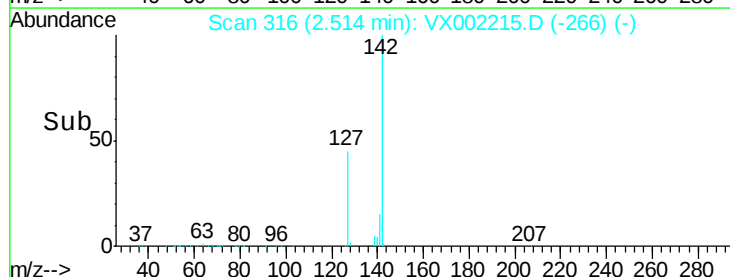
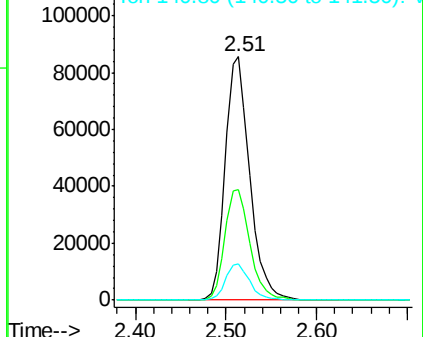
141 14.6 11.3 16.9

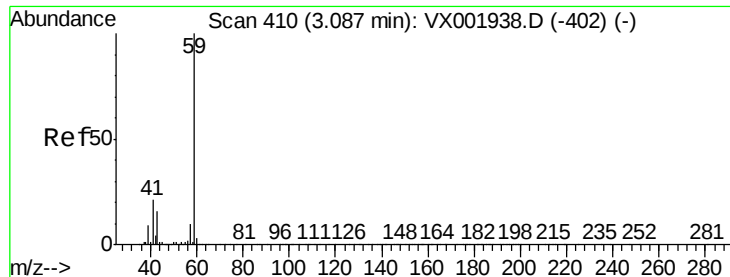


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



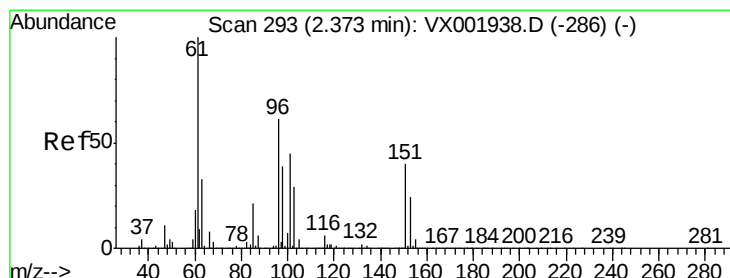
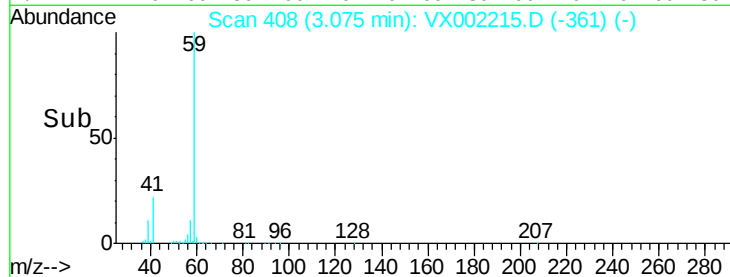
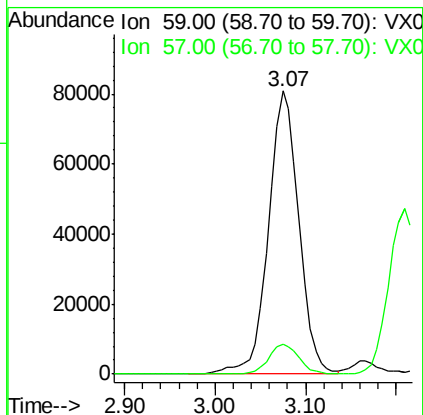
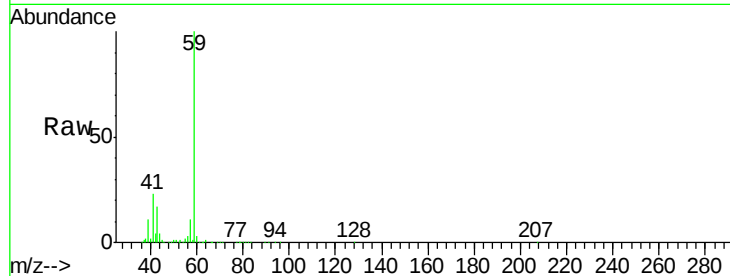


#11

Tert butyl alcohol
Concen: 267.85 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :

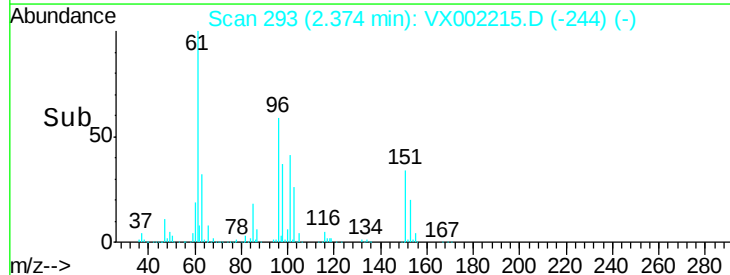
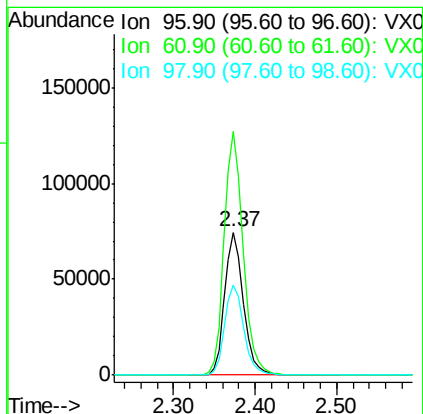
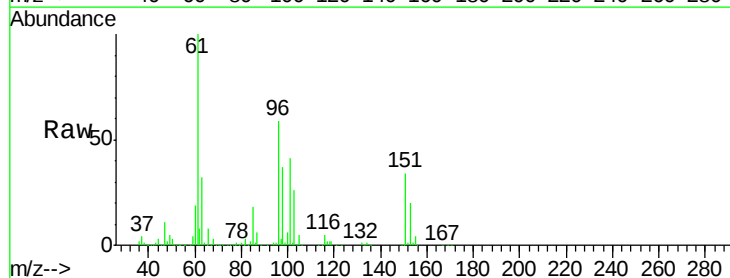
Tot Ion: 59 Resp: 187466
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3

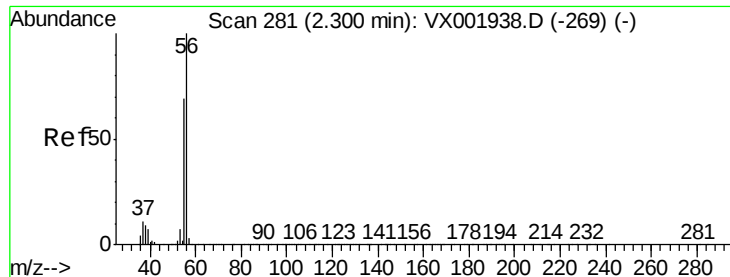


#12

1,1-Dichloroethene
Concen: 50.77 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion: 96 Resp: 118052
Ion Ratio Lower Upper
96 100
61 170.4 131.7 197.5
98 63.0 51.6 77.4





#13

Acrolein

Concen: 193.75 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

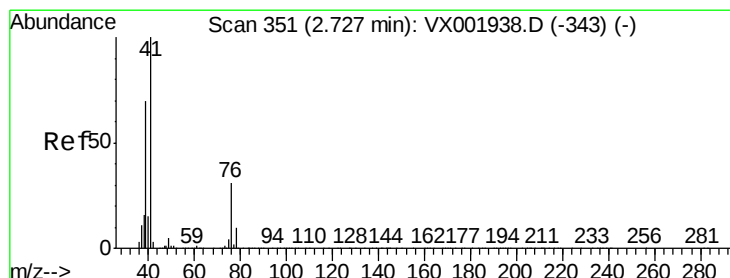
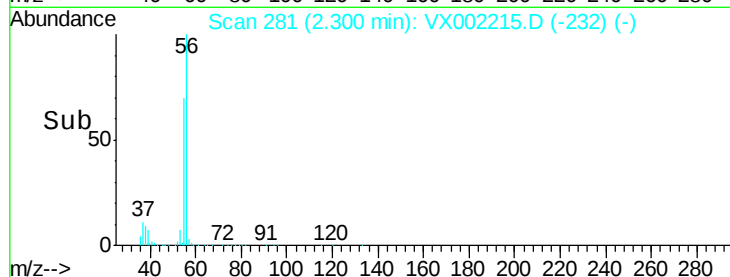
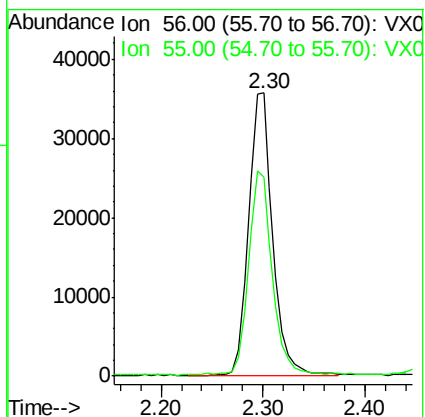
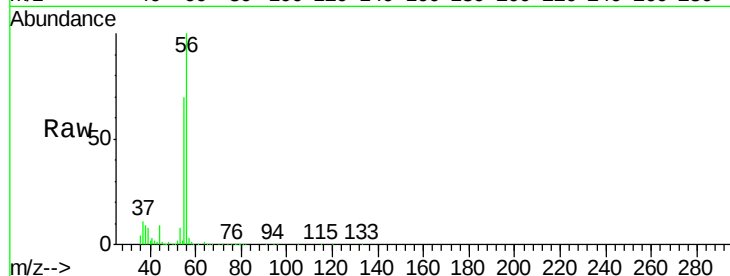
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 58629

Ion Ratio Lower Upper

56 100

55 71.4 56.8 85.2



#14

Allyl chloride

Concen: 54.59 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

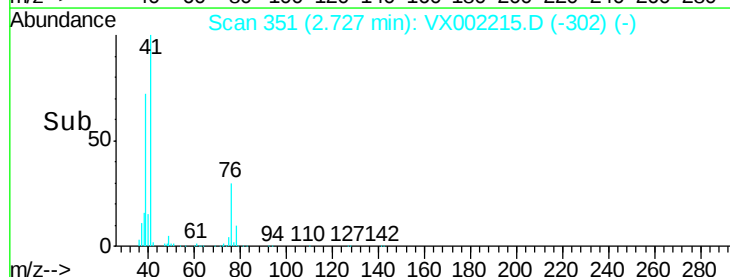
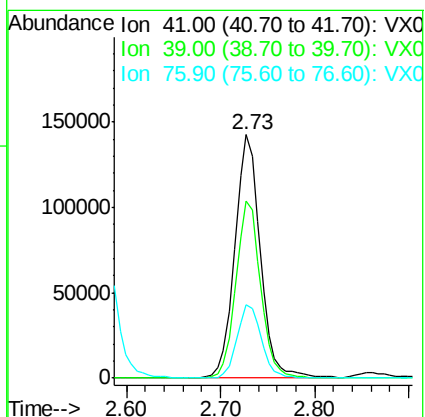
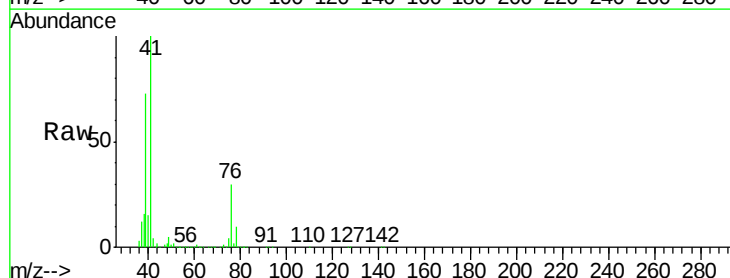
Tgt Ion: 41 Resp: 266411

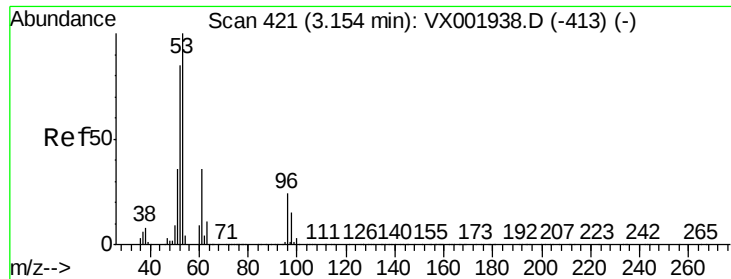
Ion Ratio Lower Upper

41 100

39 70.5 54.3 81.5

76 28.8 24.2 36.4

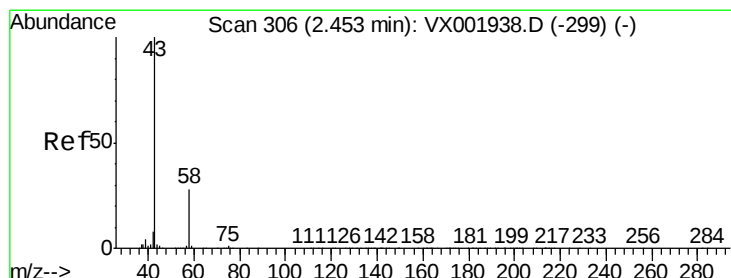
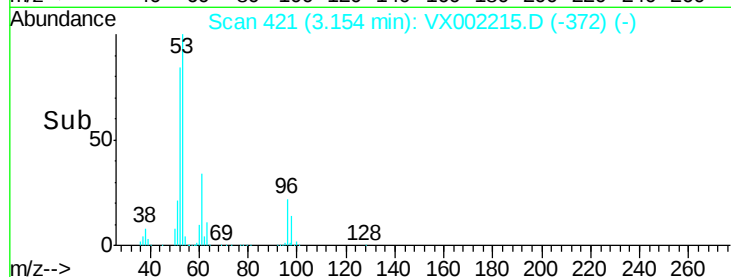
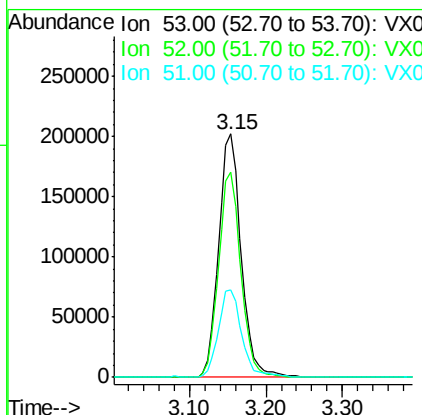
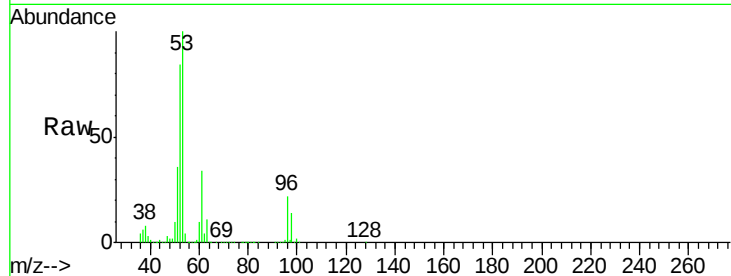




#15
 Acrylonitrile
 Concen: 284.65 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

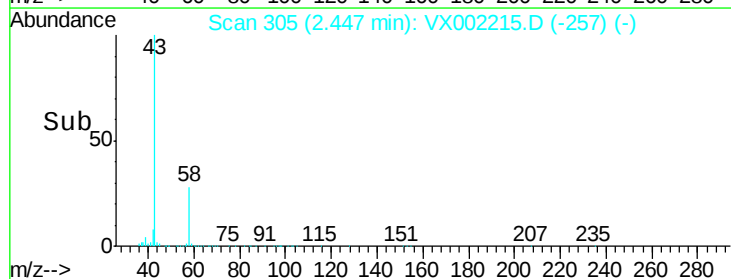
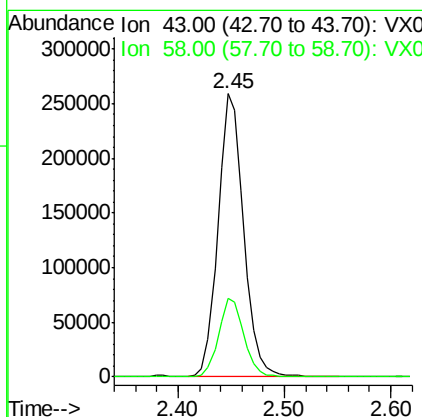
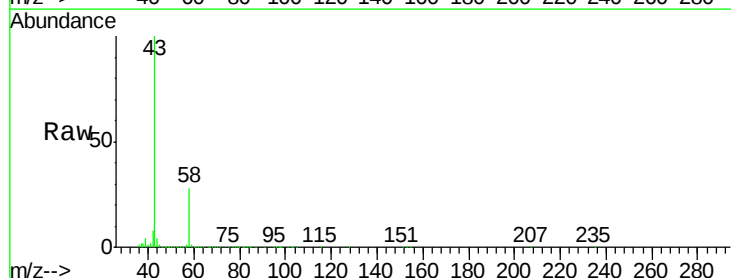
Instrument :
 MSVOA_X
 ClientSampleId :

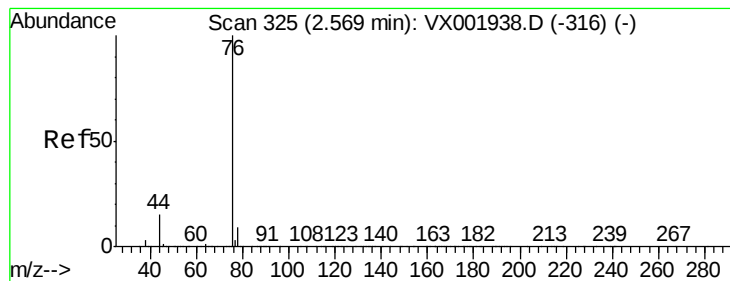
Tot Ion	53	Resp	409679
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.4	99.6
51	37.4	29.3	43.9



#16
 Acetone
 Concen: 312.45 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Tgt Ion	43	Resp	429947
Ion Ratio	Lower	Upper	
43	100		
58	27.9	22.3	33.5





#17

Carbon Disulfide

Concen: 40.11 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

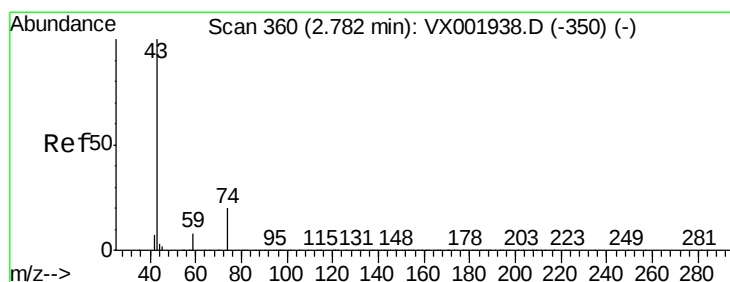
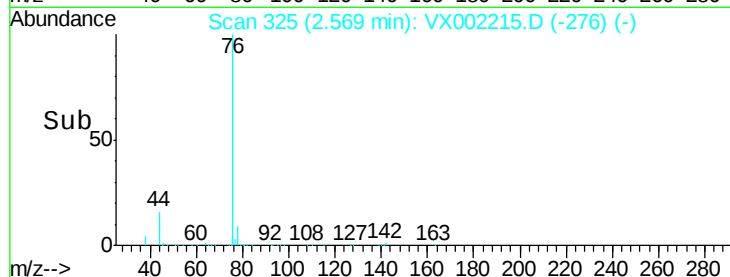
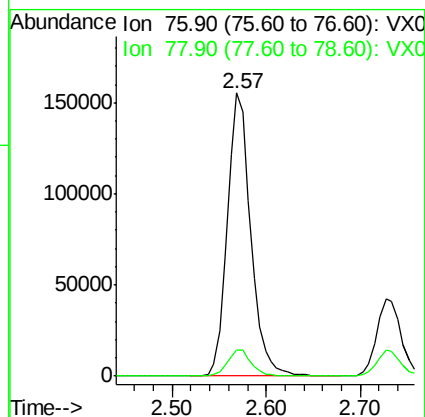
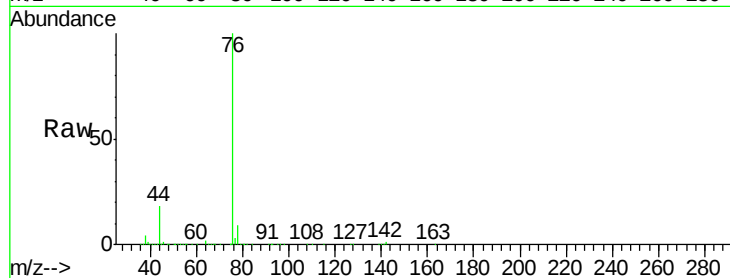
ClientSampleId :

Tot Ion: 76 Resp: 268366

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



#18

Methyl Acetate

Concen: 63.83 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002215.D

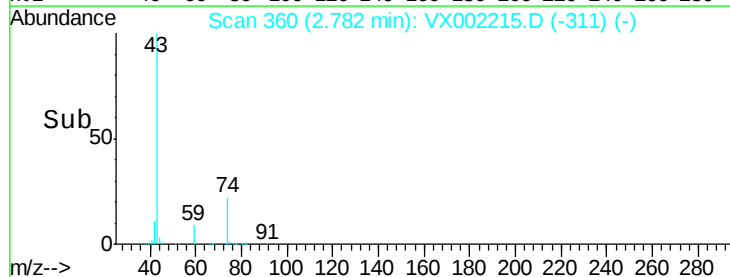
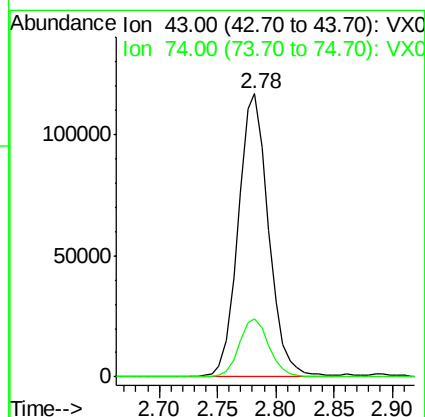
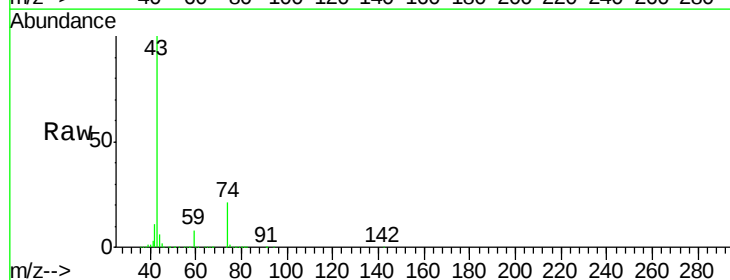
Acq: 01 Jun 2018 13:59

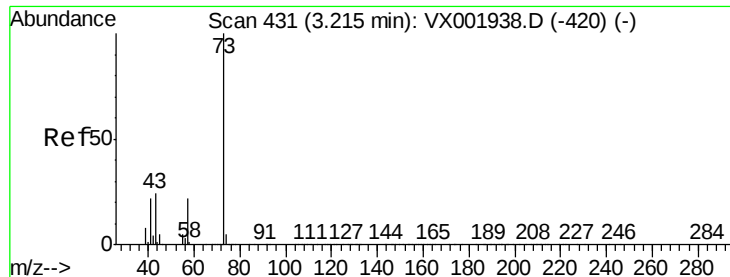
Tgt Ion: 43 Resp: 210560

Ion Ratio Lower Upper

43 100

74 20.9 16.8 25.2



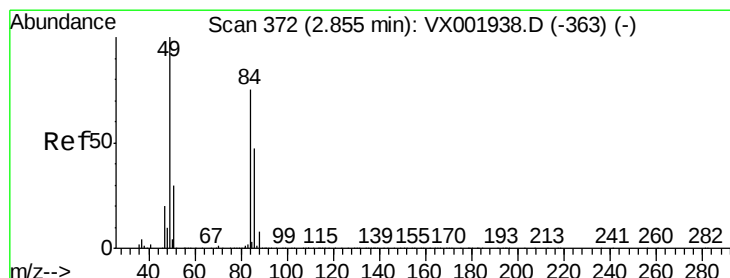
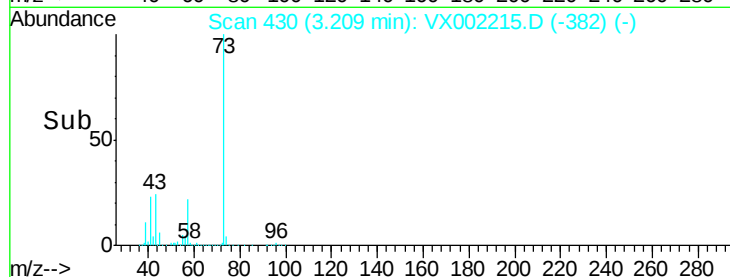
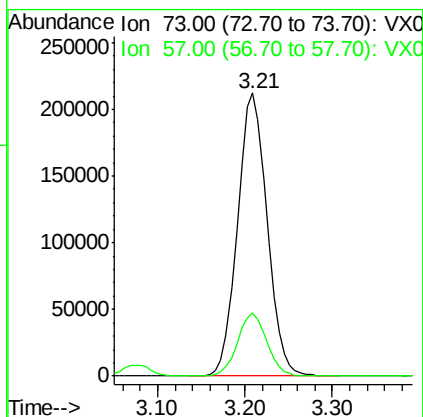
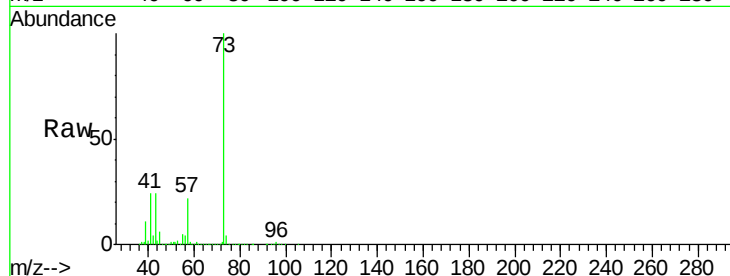


#19

Methvl tert-butvl Ether
 Concen: 57.14 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Instrument :
 MSVOA_X
 ClientSampleId :

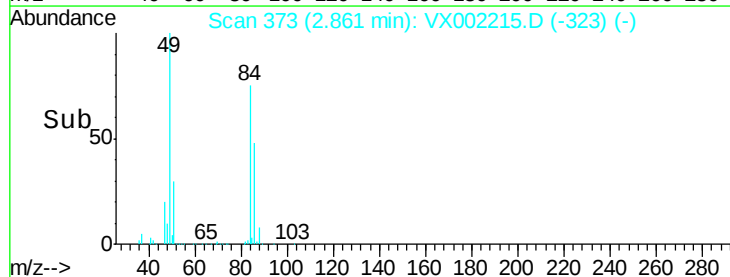
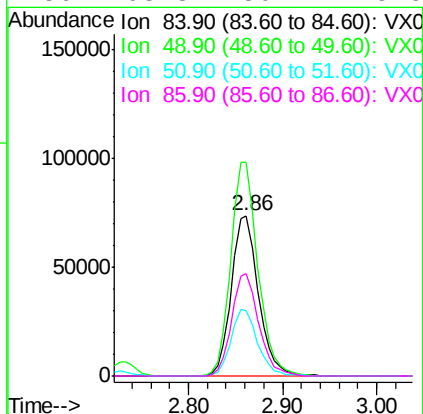
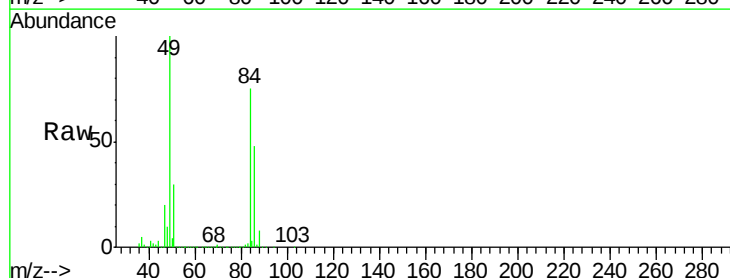
Tot Ion: 73 Resp: 499684
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.4 26.0

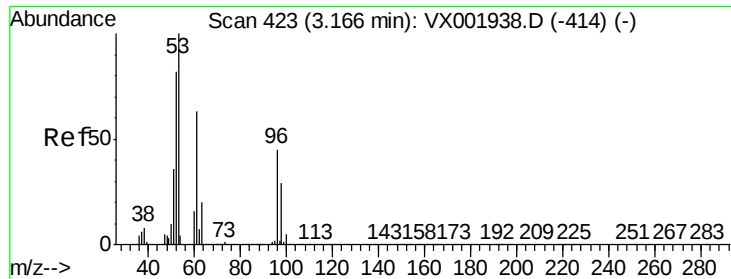


#20

Methylene Chloride
 Concen: 62.38 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Tgt Ion: 84 Resp: 147635
 Ion Ratio Lower Upper
 84 100
 49 133.0 107.2 160.8
 51 40.4 32.4 48.6
 86 63.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 58.11 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

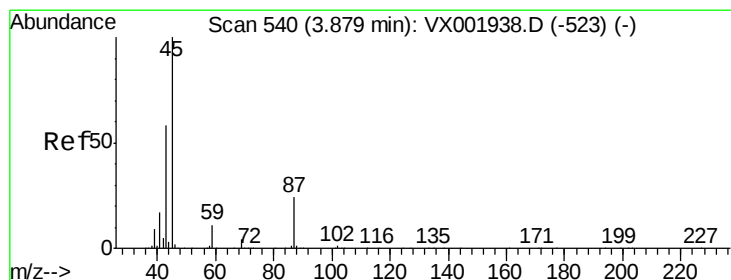
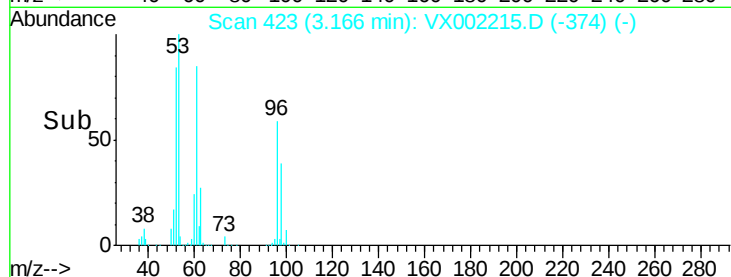
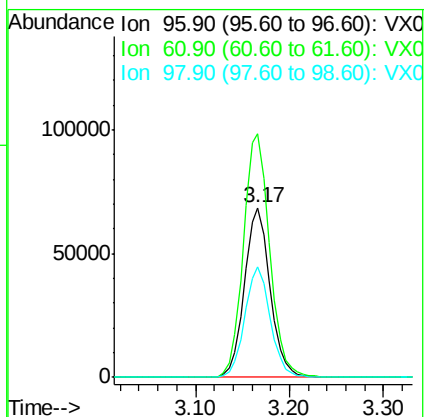
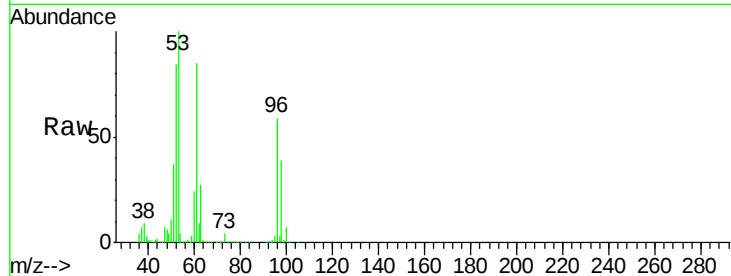
Tot Ion: 96 Resp: 130950

Ion Ratio Lower Upper

96 100

61 143.2 113.3 169.9

98 65.1 51.7 77.5



#22

Diisopropyl ether

Concen: 52.75 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Tgt Ion: 45 Resp: 523675

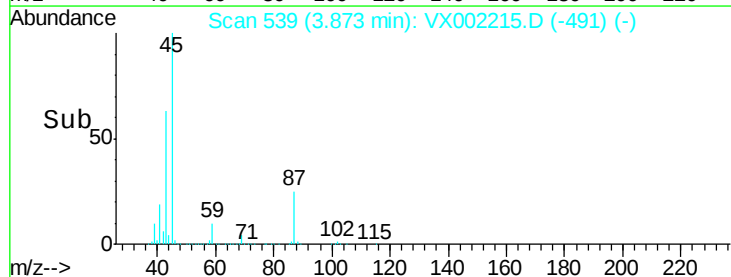
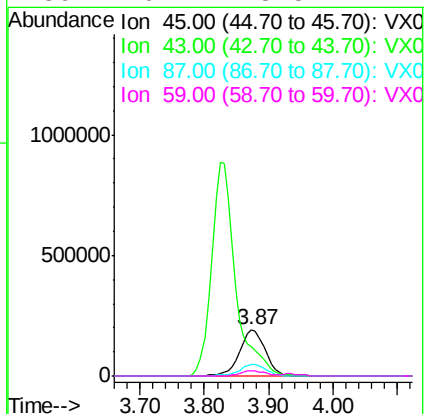
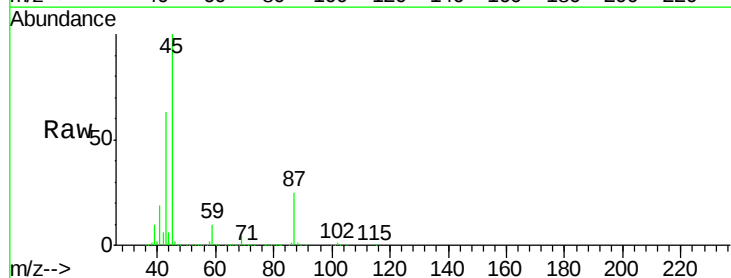
Ion Ratio Lower Upper

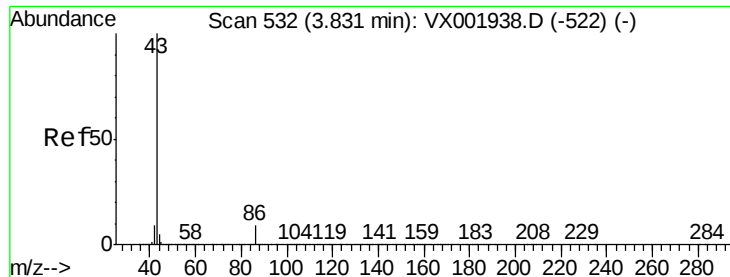
45 100

43 62.5 47.0 70.6

87 25.4 19.4 29.0

59 10.4 8.5 12.7





#23

Vinyl Acetate

Concen: 281.57 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

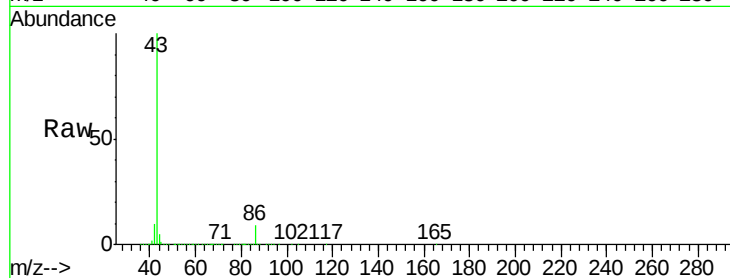
ClientSampled :

Tot Ion: 43 Resp: 2317527

Ion Ratio Lower Upper

43 100

86 9.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

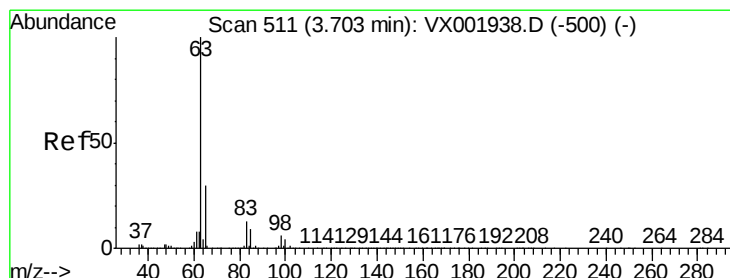
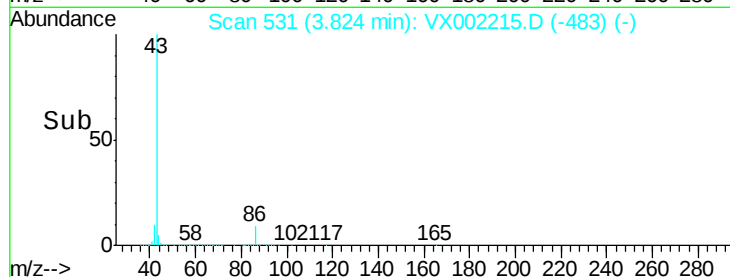
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 57.19 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

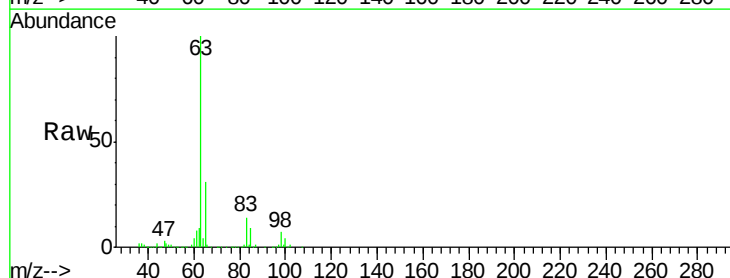
Tgt Ion: 63 Resp: 269698

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.0 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

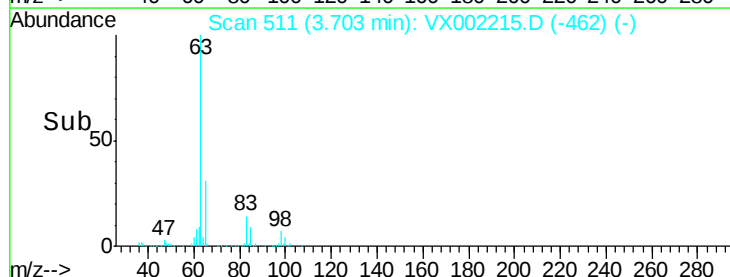
150000

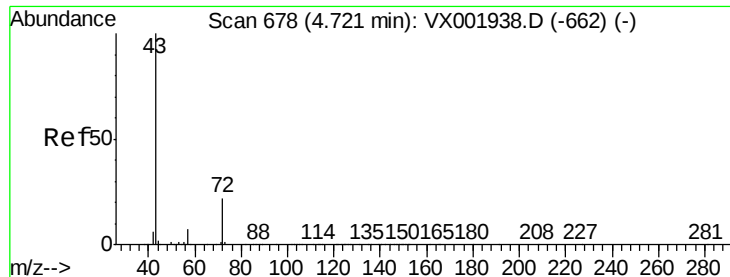
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 226.98 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

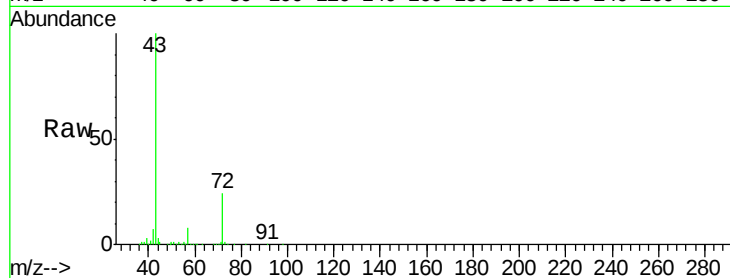
ClientSampleId :

Tot Ion: 43 Resp: 572461

Ion Ratio Lower Upper

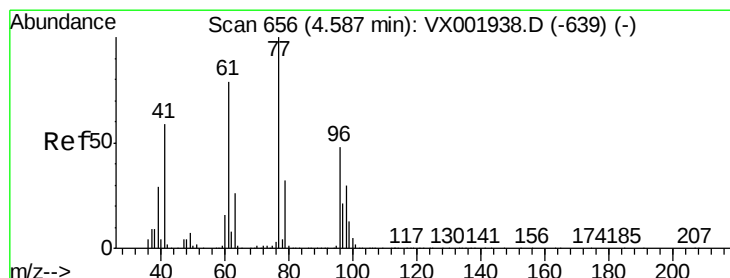
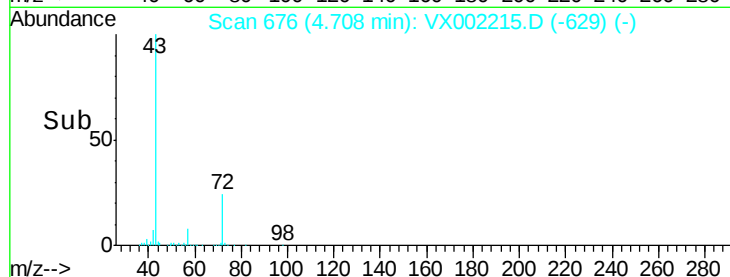
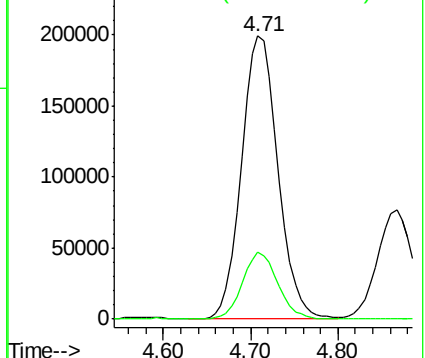
43 100

72 23.5 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: 41.89 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002215.D

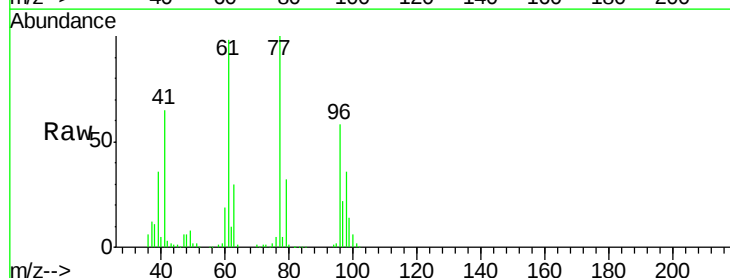
Acq: 01 Jun 2018 13:59

Tgt Ion: 77 Resp: 199921

Ion Ratio Lower Upper

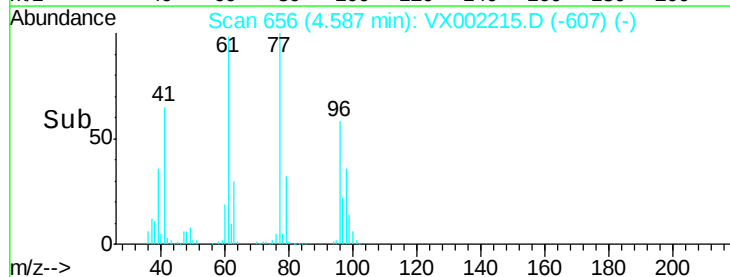
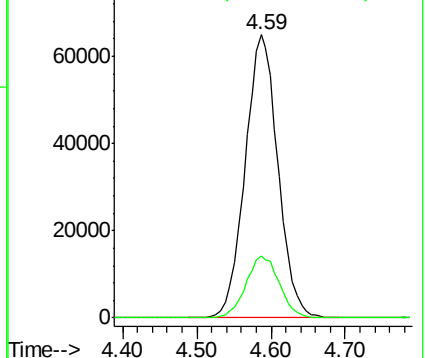
77 100

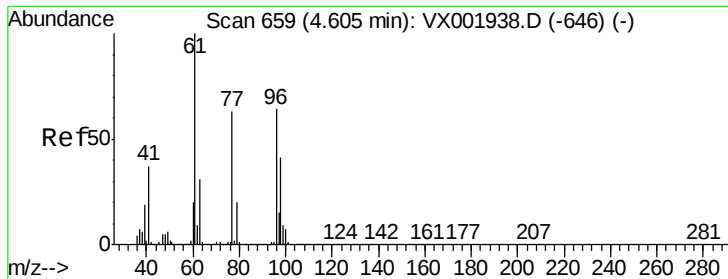
97 22.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



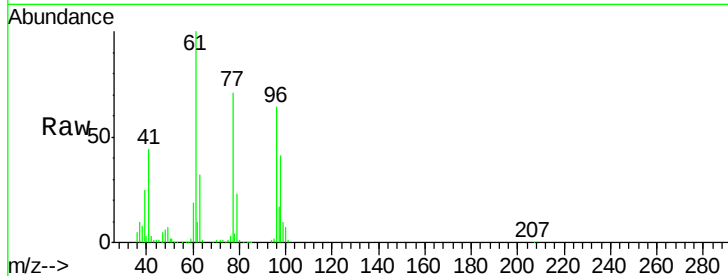


#27

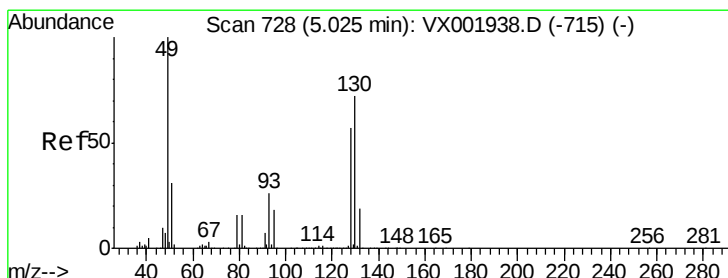
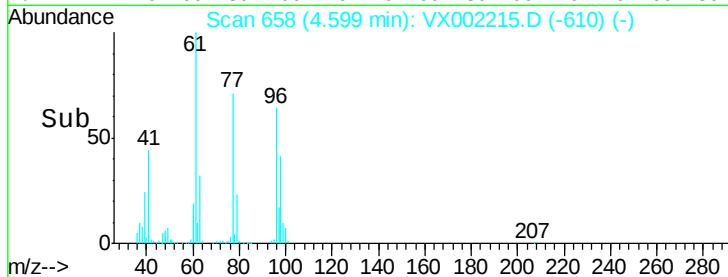
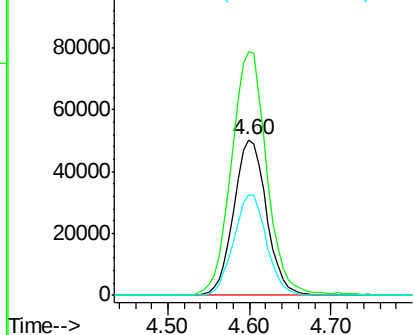
cis-1,2-Dichloroethene
Concen: 45.98 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	139387
Ion Ratio	Lower	Upper	
96	100		
61	169.5	0.0	348.4
98	65.1	0.0	128.6



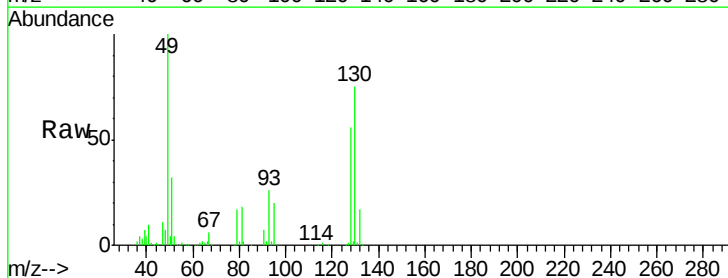
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



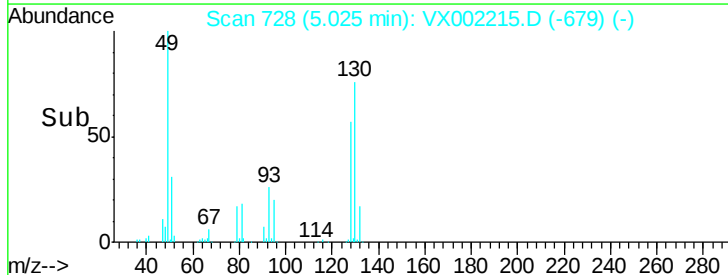
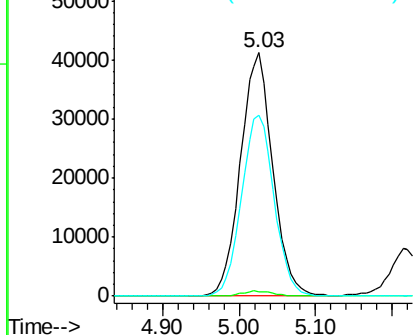
#28

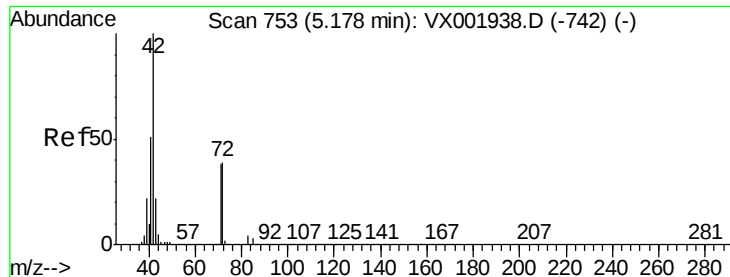
Bromochloromethane
Concen: 61.44 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	49	Resp	120818
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	3.8
130	75.3	59.4	89.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 222.57 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

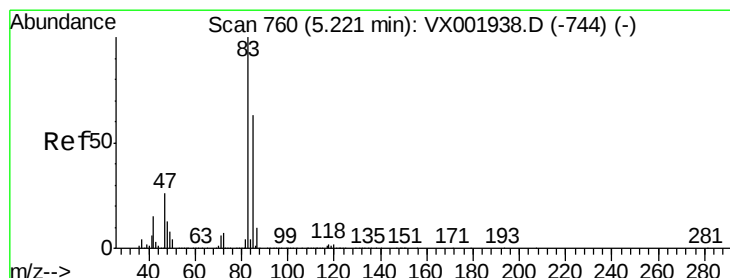
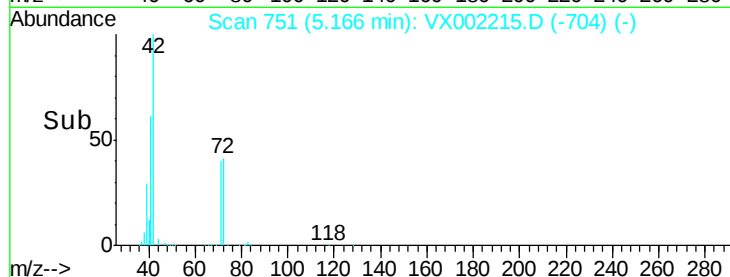
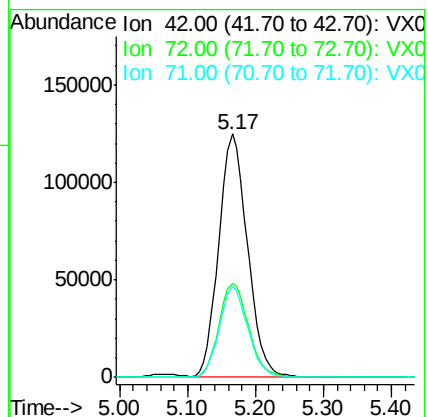
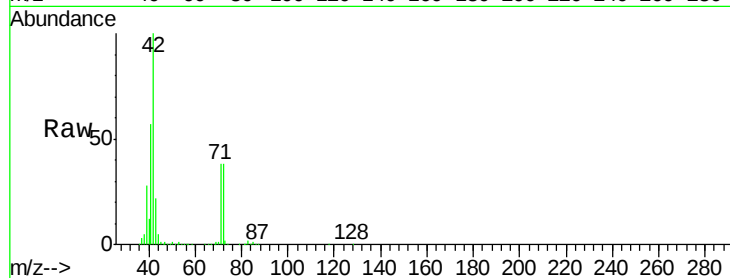
Tot Ion: 42 Resp: 365218

Ion Ratio Lower Upper

42 100

72 40.1 31.4 47.0

71 37.2 29.5 44.3



#30

Chloroform

Concen: 47.73 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002215.D

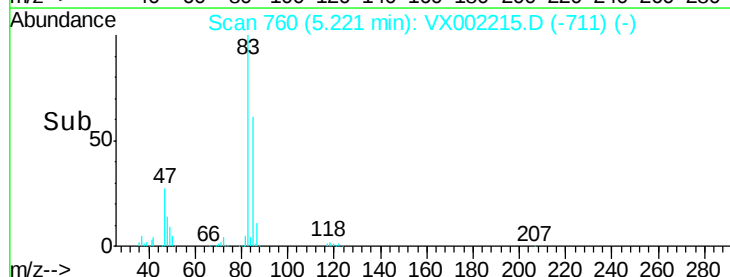
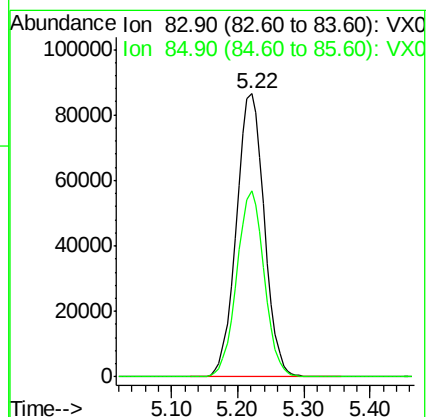
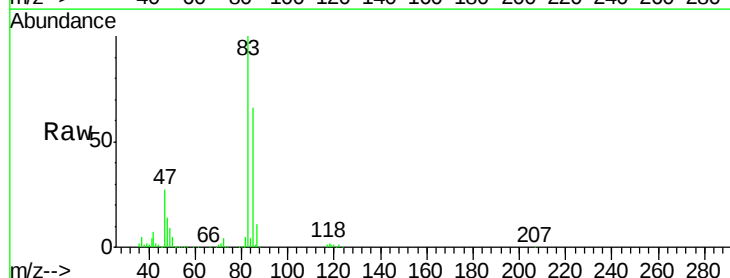
Acq: 01 Jun 2018 13:59

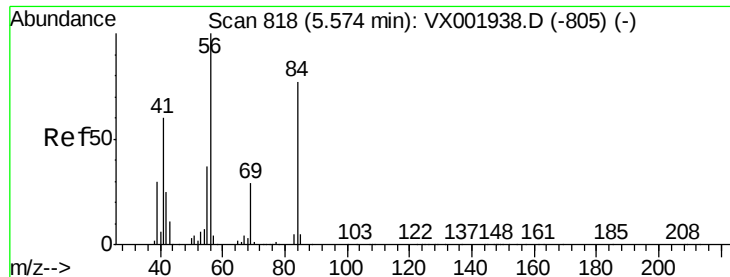
Tgt Ion: 83 Resp: 253558

Ion Ratio Lower Upper

83 100

85 65.5 50.9 76.3

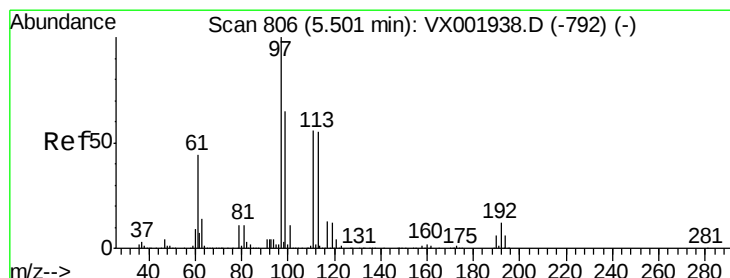
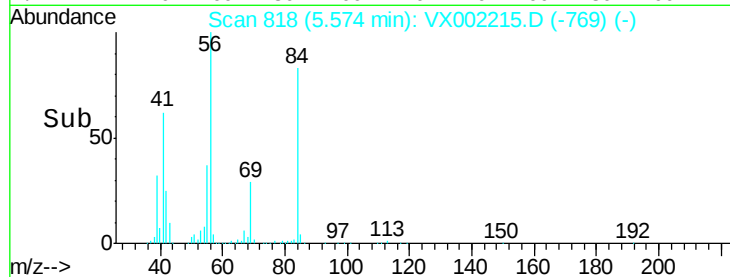
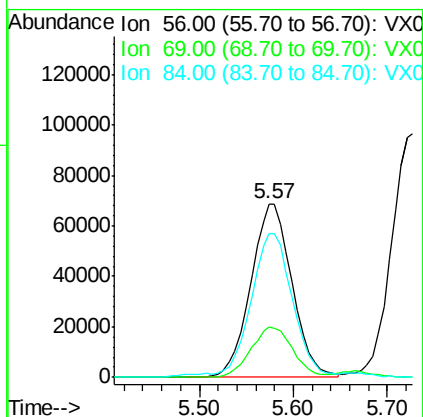
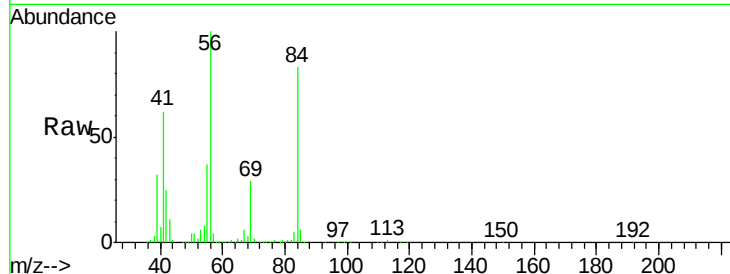




#31
Cyclohexane
Concen: 42.67 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

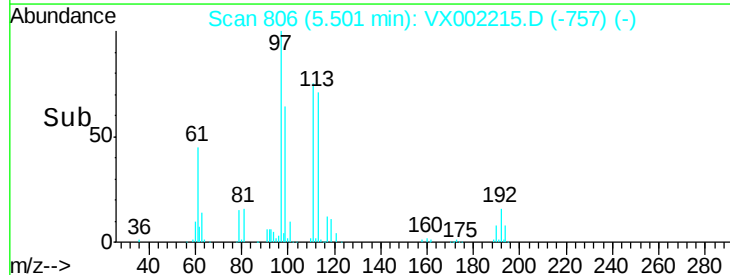
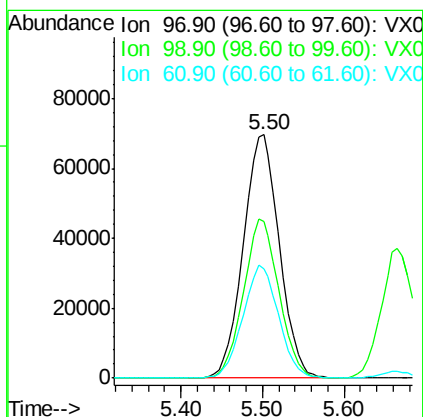
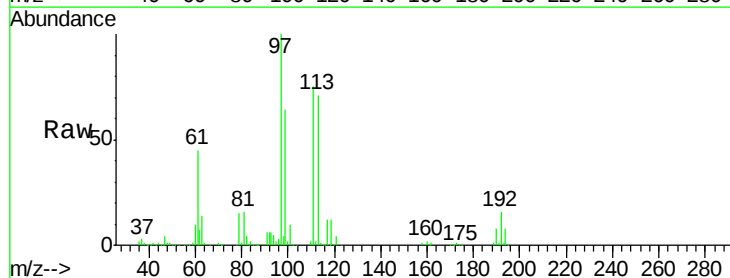
Instrument :
MSVOA_X
ClientSampleId :

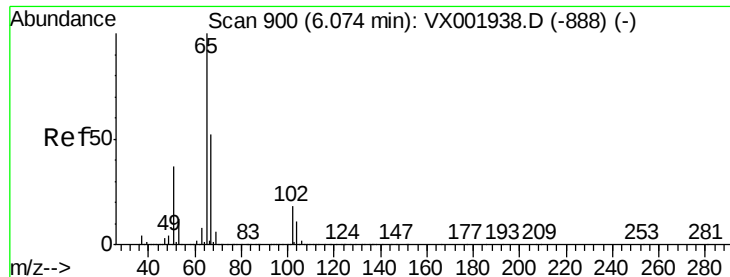
Tot Ion: 56 Resp: 209648
Ion Ratio Lower Upper
56 100
69 29.4 23.1 34.7
84 81.1 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 43.18 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion: 97 Resp: 213859
Ion Ratio Lower Upper
97 100
99 64.3 51.9 77.9
61 46.0 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 56.13 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

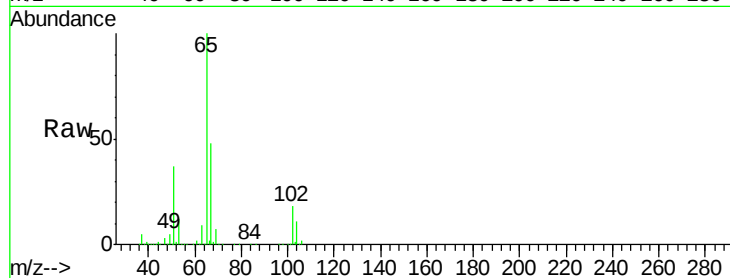
ClientSampleId :

Tot Ion: 65 Resp: 200121

Ion Ratio Lower Upper

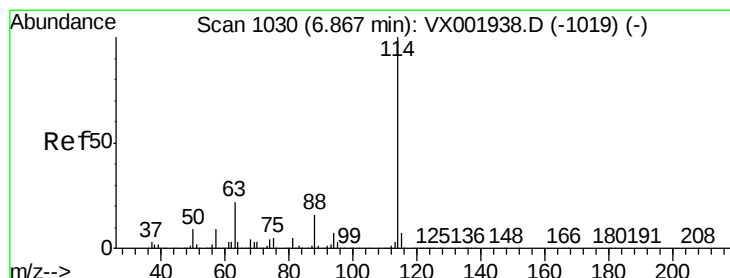
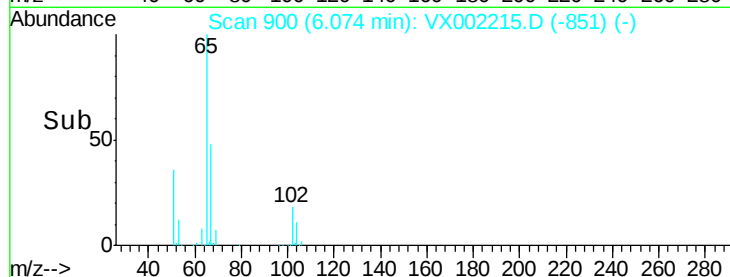
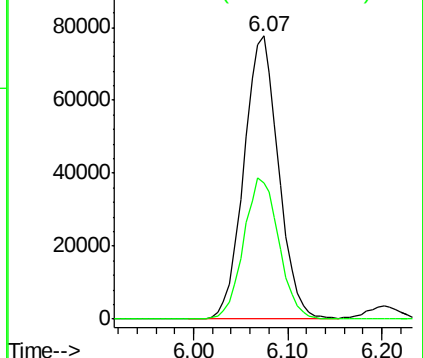
65 100

67 50.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

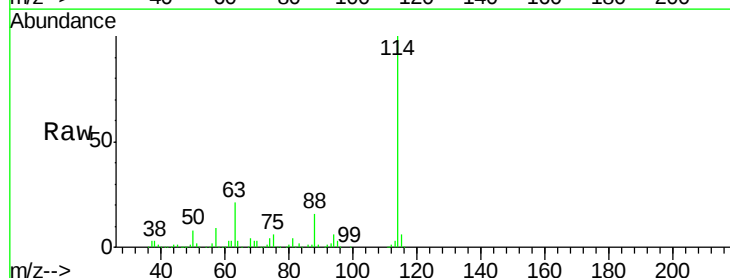
Tgt Ion: 114 Resp: 279082

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

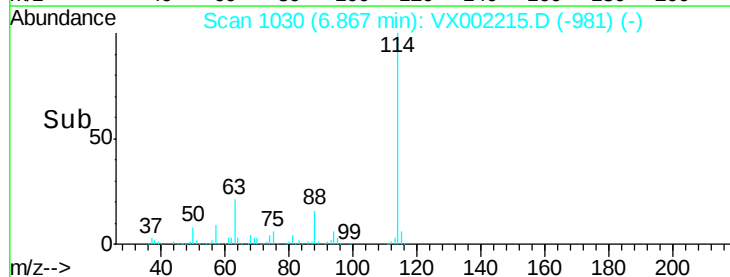
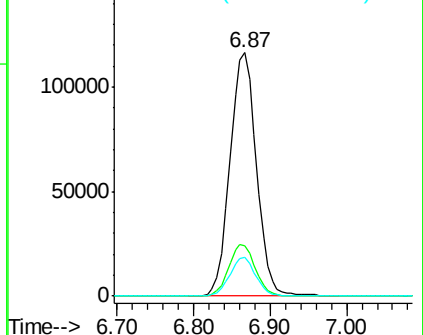
88 15.8 0.0 31.6

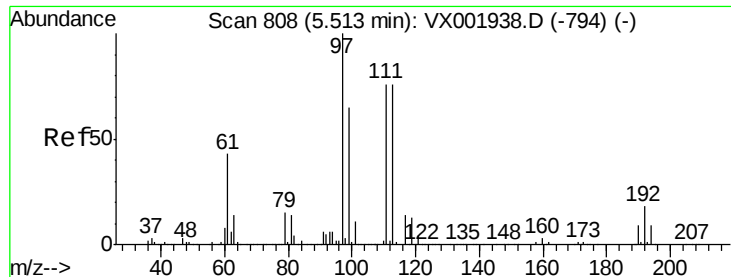


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

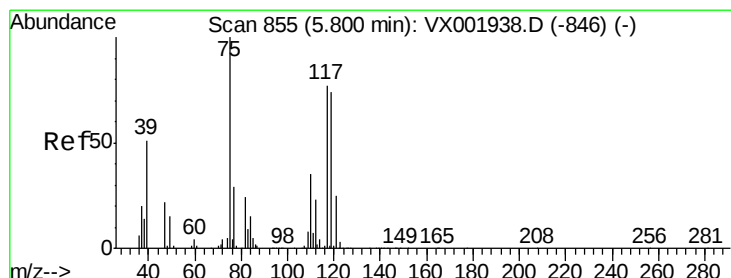
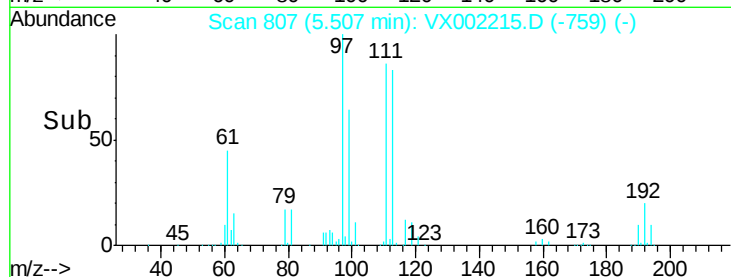
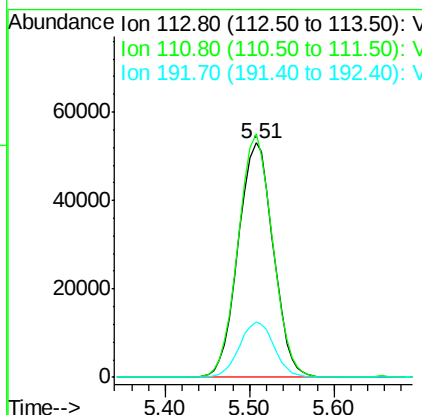
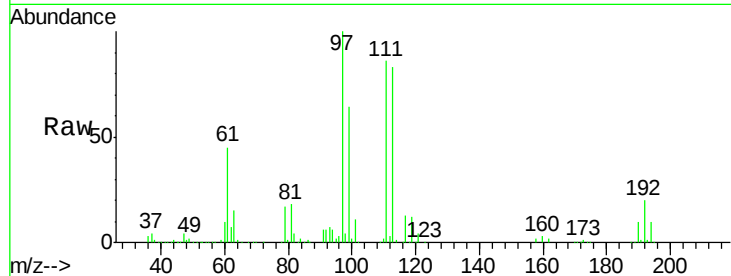




#35
 Dibromofluoromethane
 Concen: 53.60 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

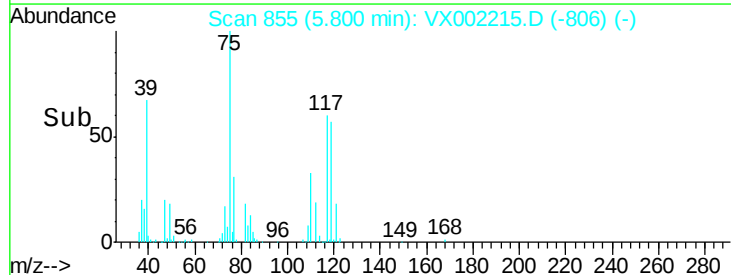
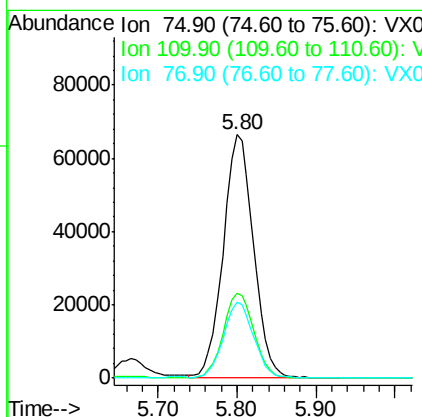
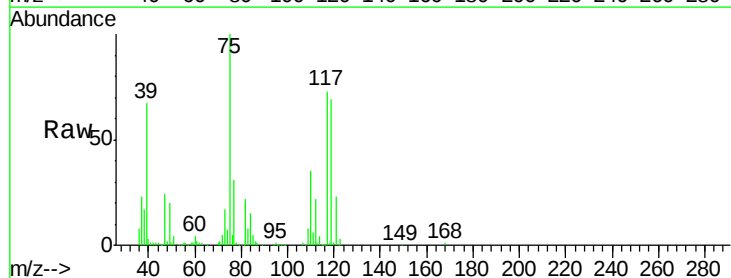
Instrument :
 MSVOA_X
 ClientSampled :

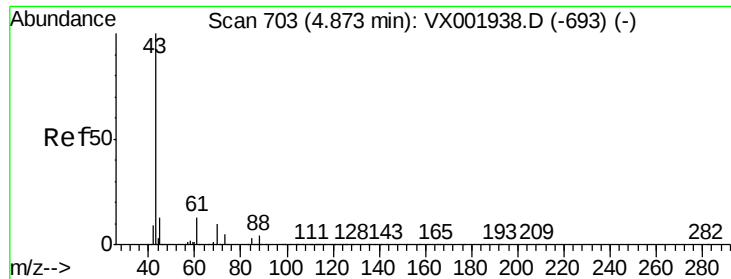
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	23.3	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 45.56 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.4	52.2
77	31.1	24.4	36.6

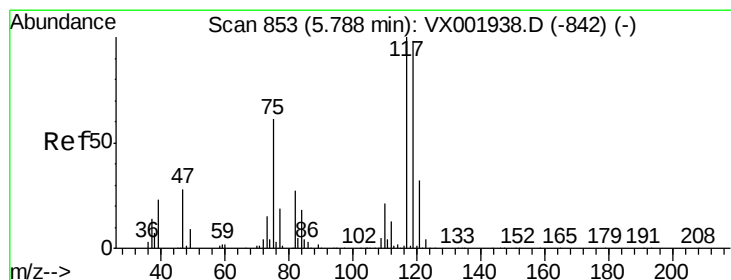
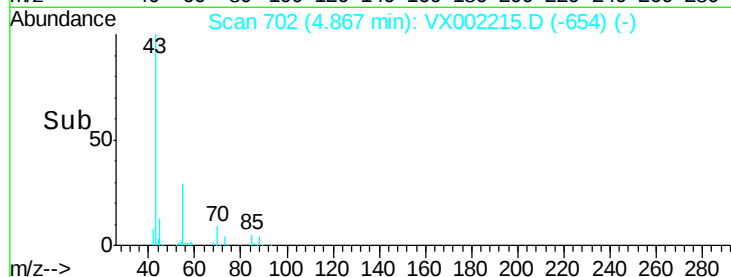
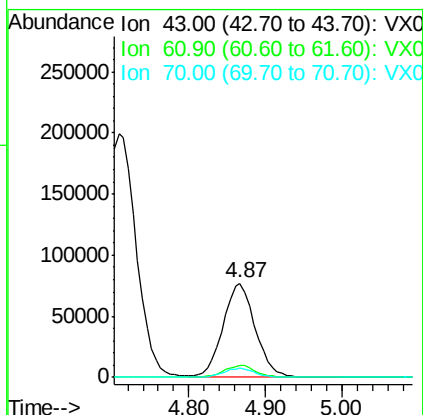
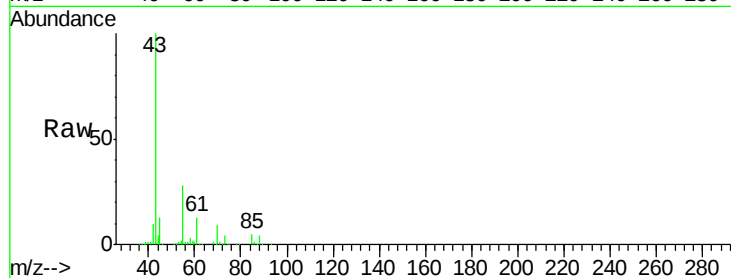




#37
Ethyl Acetate
Concen: 43.85 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

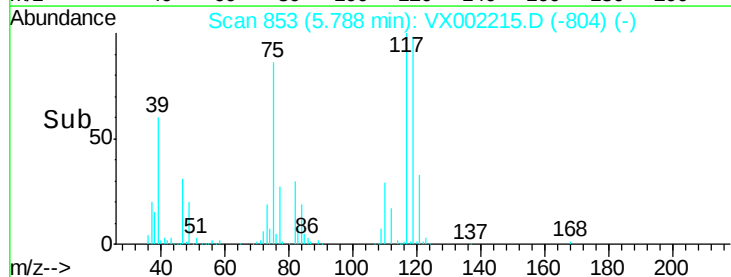
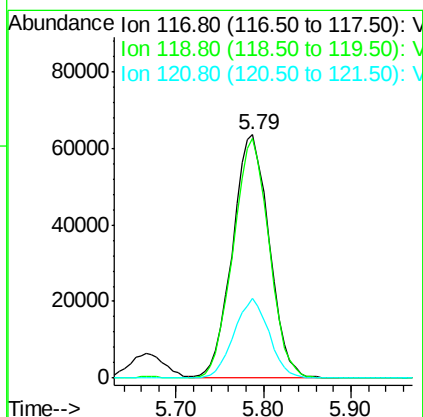
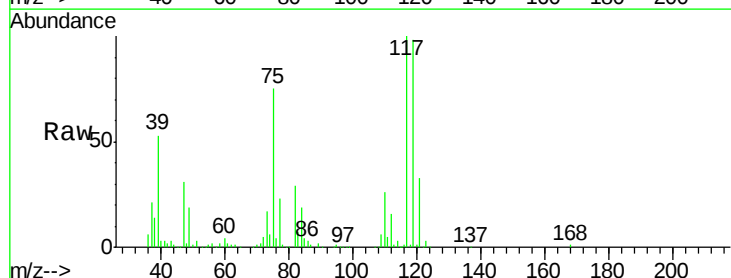
Instrument :
MSVOA_X
ClientSampled :

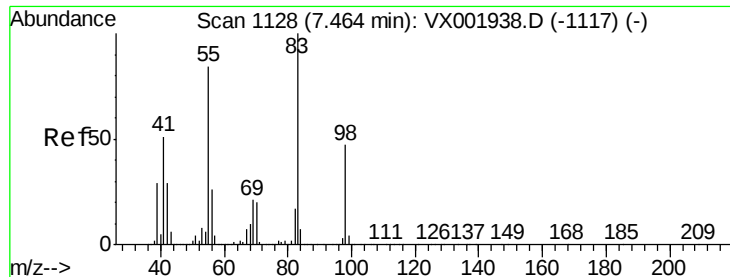
Tot Ion: 43 Resp: 221916
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 9.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 41.03 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion: 117 Resp: 185748
Ion Ratio Lower Upper
117 100
119 98.3 78.5 117.7
121 32.8 25.5 38.3

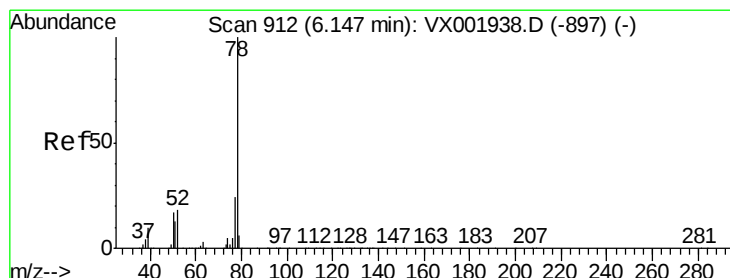
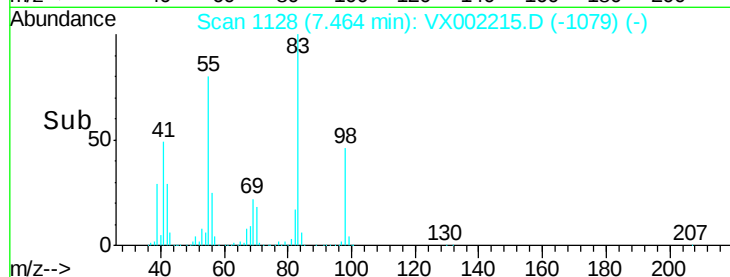
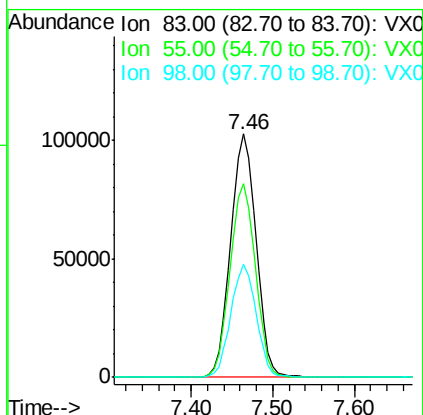
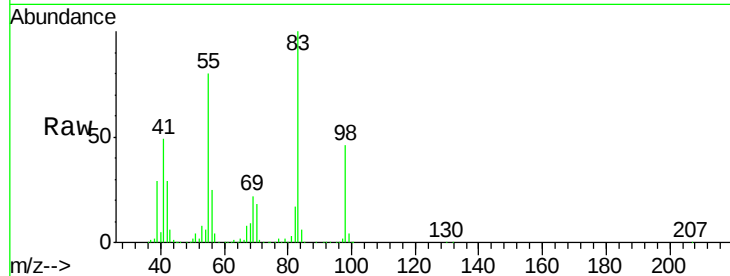




#39
Methvlcvclohexane
Concen: 46.34 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

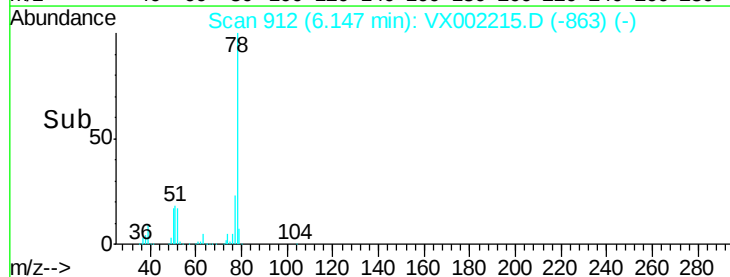
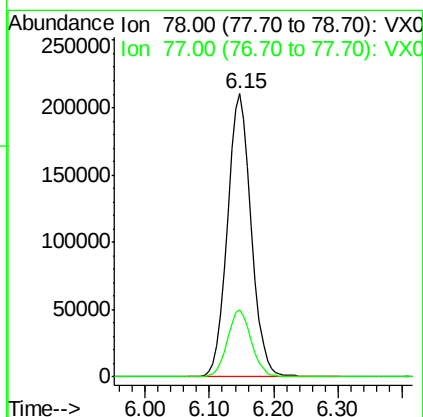
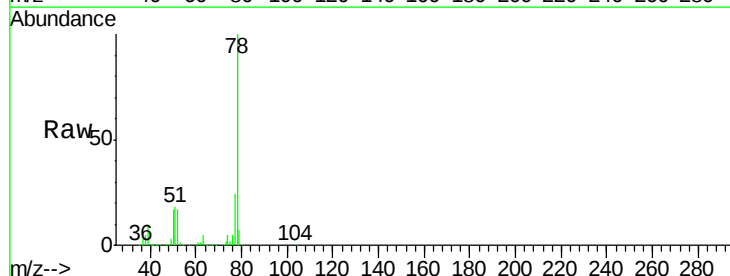
Instrument :
MSVOA_X
ClientSampled :

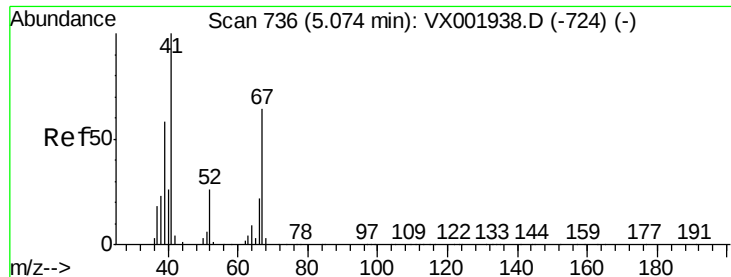
Tot Ion	83.00	Resp	220986
Ion	Ratio	Lower	Upper
83	100		
55	79.7	67.3	100.9
98	46.5	37.5	56.3



#40
Benzene
Concen: 48.04 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	78	Resp	546374
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7

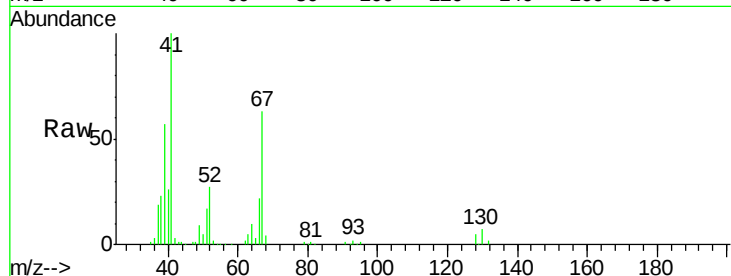




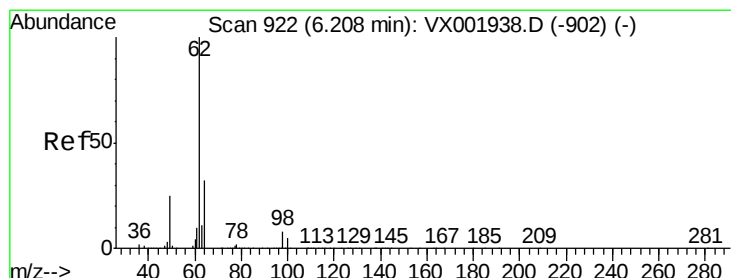
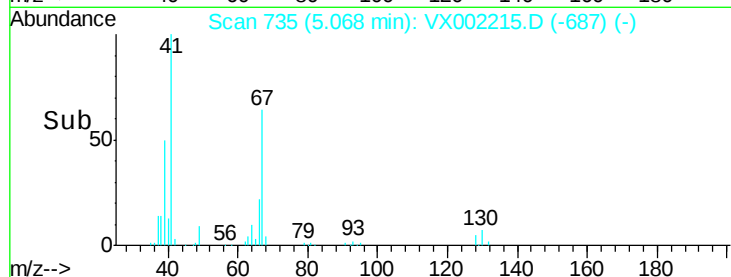
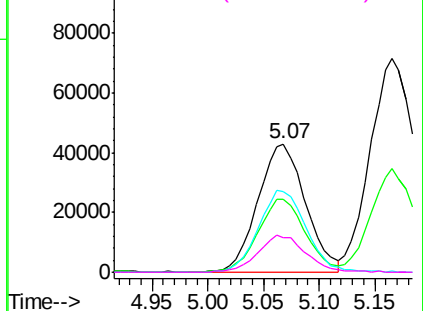
#41
Methacrylonitrile
Concen: 47.58 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	127252
Ion	Ratio	Lower	Upper
41	100		
39	57.0	46.0	69.0
67	63.9	50.6	75.8
52	29.3	21.9	32.9

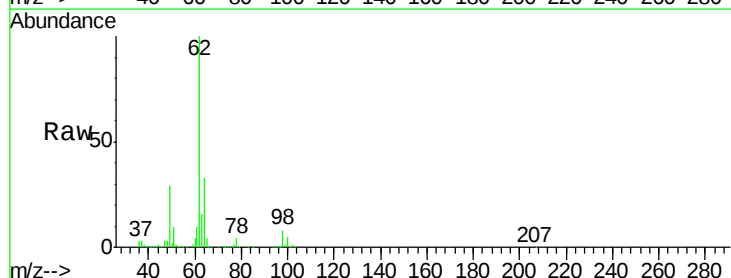


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

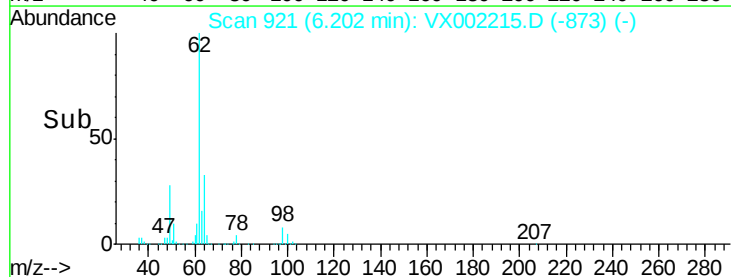
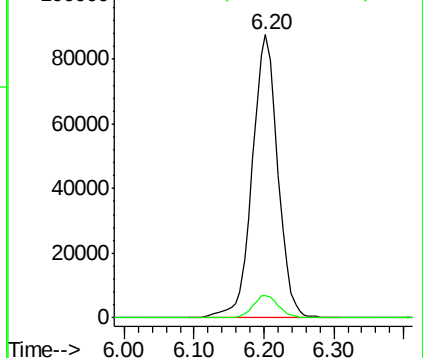


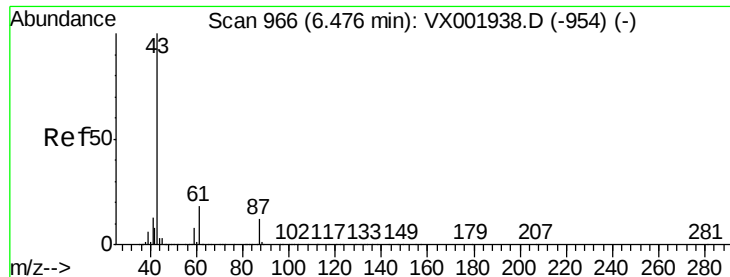
#42
1,2-Dichloroethane
Concen: 48.82 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion:	62	Resp:	221761
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.0



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



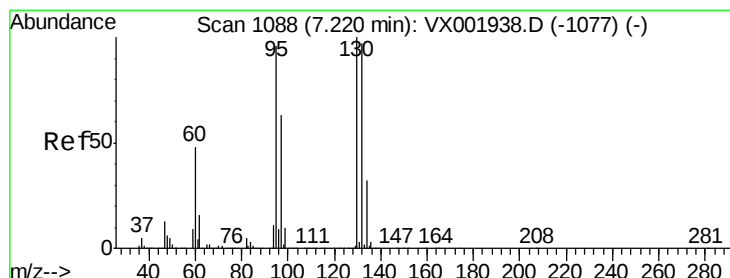
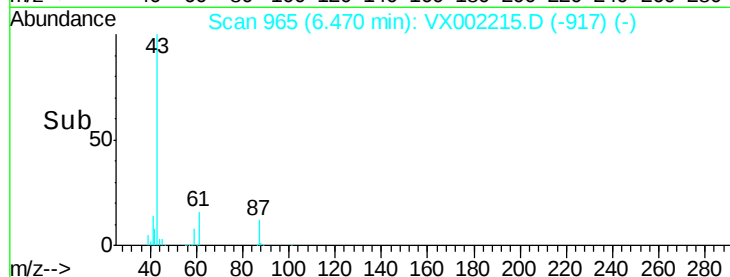
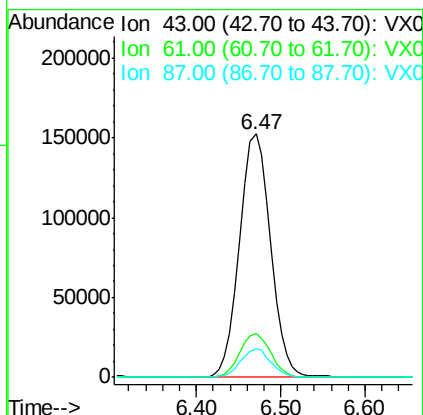
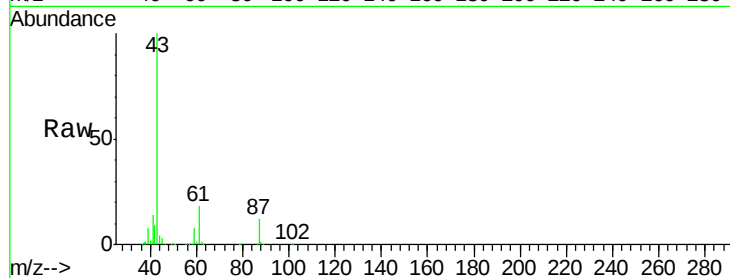


#43

Isopropyl Acetate
 Concen: 44.96 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Instrument :
 MSVOA_X
 ClientSampleId :

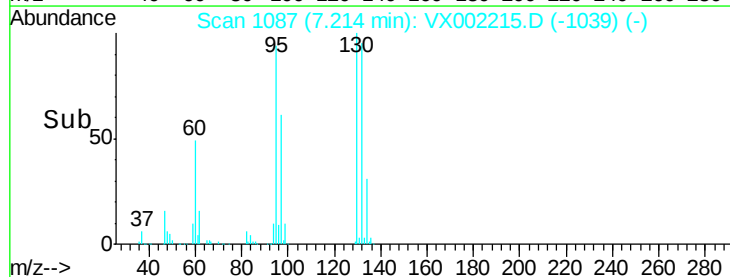
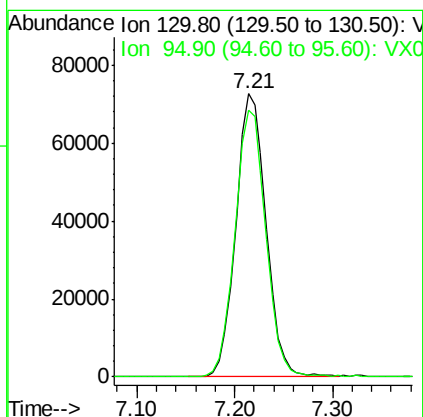
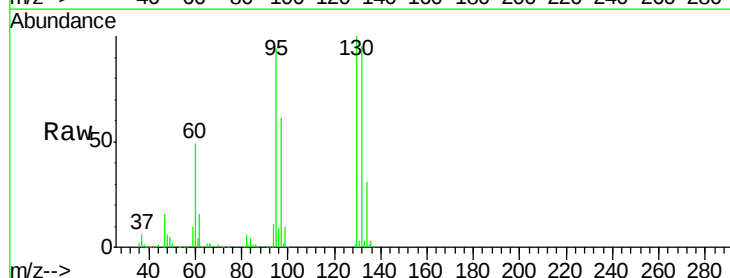
Tot Ion	43	Resp	379093
Ion Ratio	Lower	Upper	
43	100		
61	17.9	14.5	21.7
87	11.6	9.5	14.3

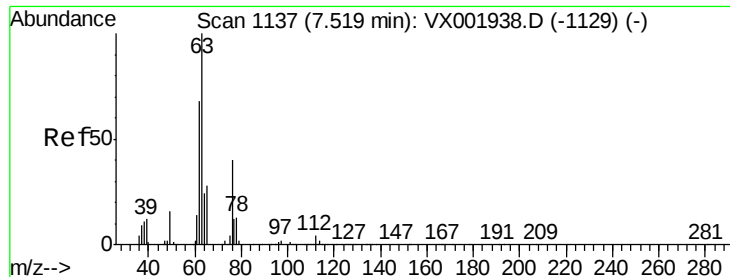


#44

Trichloroethene
 Concen: 46.92 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Tgt Ion	130	Resp	155489
Ion Ratio	Lower	Upper	
130	100		
95	94.1	0.0	192.0





#45

1,2-Dichloropropane

Concen: 48.82 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

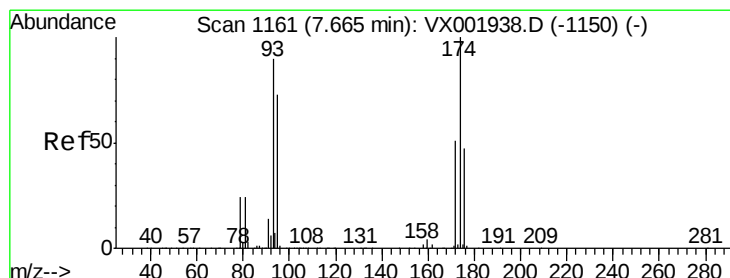
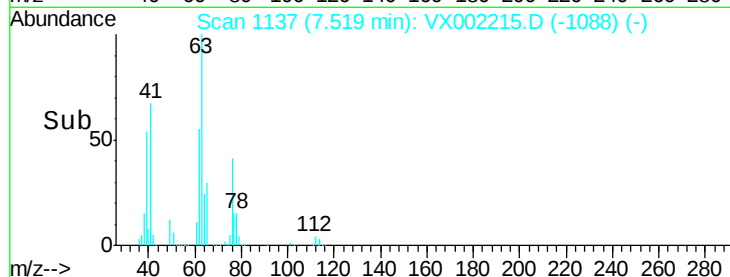
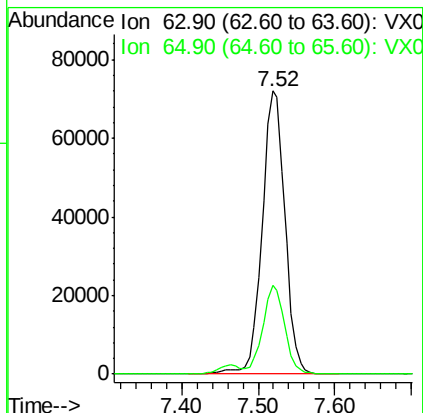
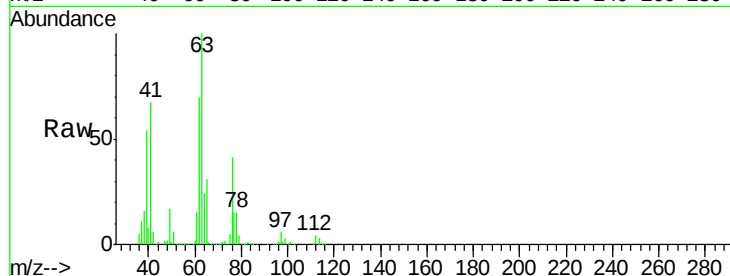
ClientSampleId :

Tot Ion: 63 Resp: 150773

Ion Ratio Lower Upper

63 100

65 31.4 24.1 36.1



#46

Dibromomethane

Concen: 48.98 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

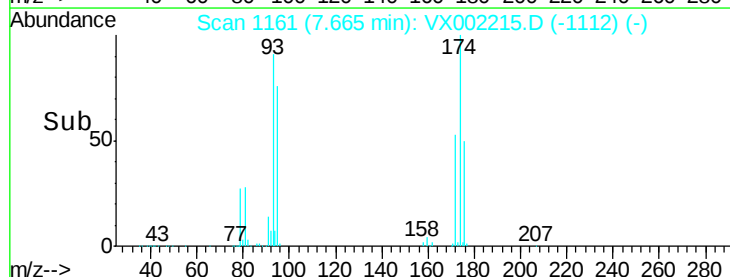
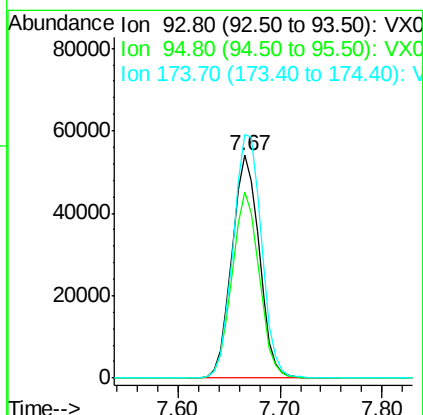
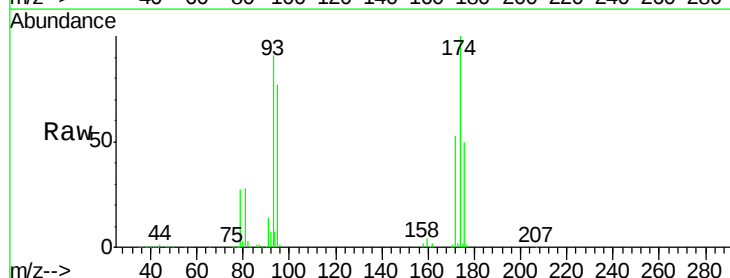
Tgt Ion: 93 Resp: 100151

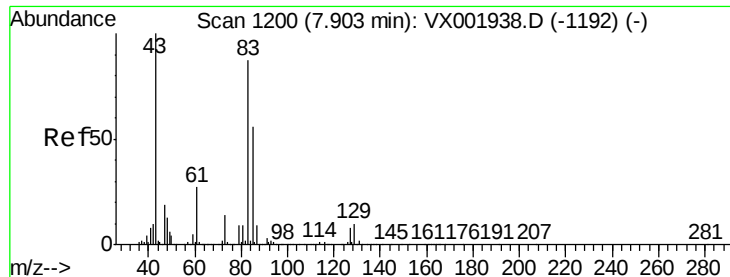
Ion Ratio Lower Upper

93 100

95 83.1 66.1 99.1

174 113.6 92.5 138.7





#47

Bromodichloromethane

Concen: 43.04 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

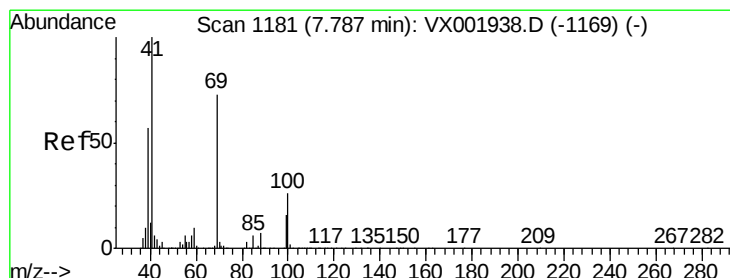
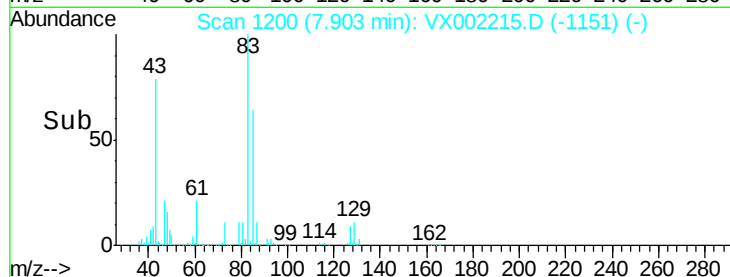
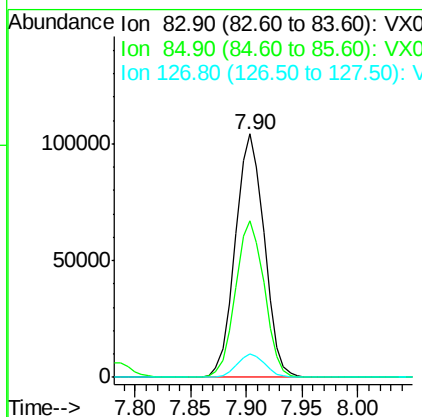
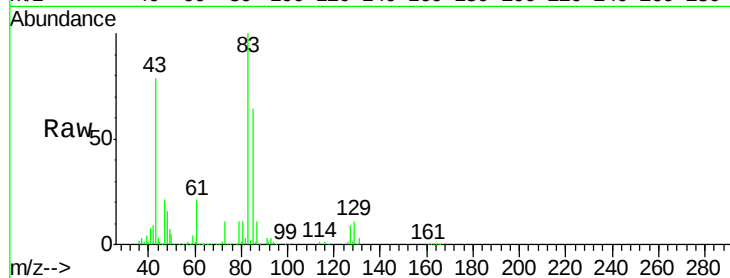
Tot Ion: 83 Resp: 187649

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.2

127 9.5 7.1 10.7



#48

Methyl methacrylate

Concen: 45.86 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

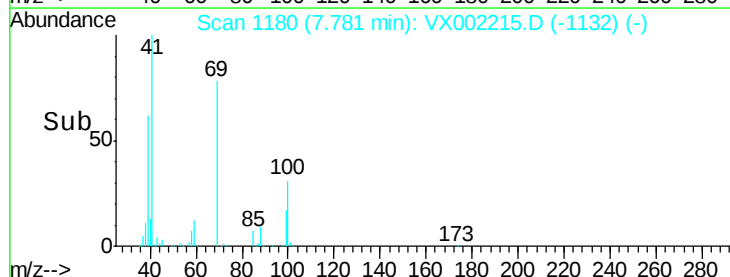
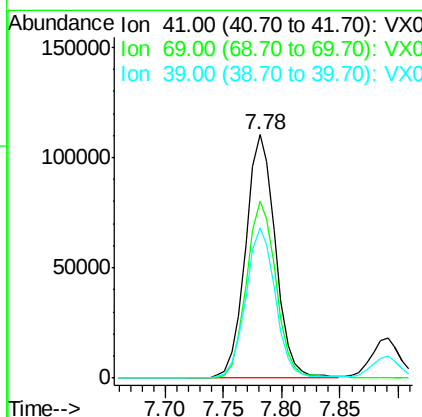
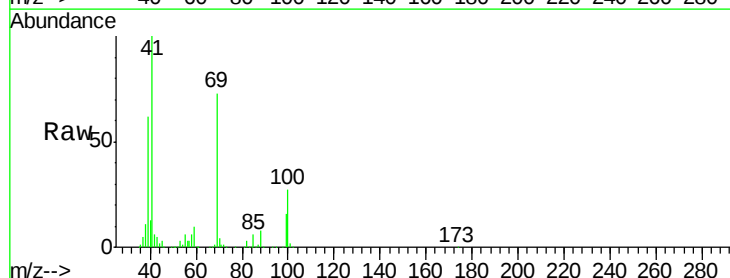
Tgt Ion: 41 Resp: 196839

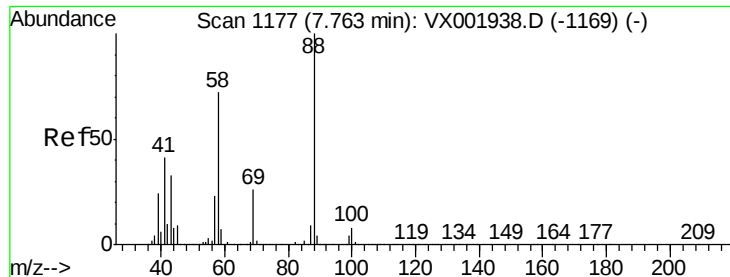
Ion Ratio Lower Upper

41 100

69 72.8 58.6 87.8

39 61.3 46.3 69.5





#49

1,4-Dioxane

Concen: 907.33 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampled :

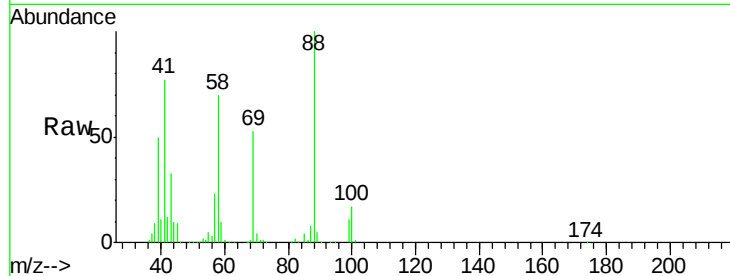
Tot Ion: 88 Resp: 68621

Ion Ratio Lower Upper

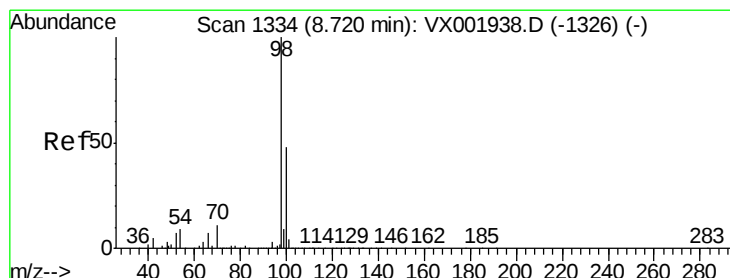
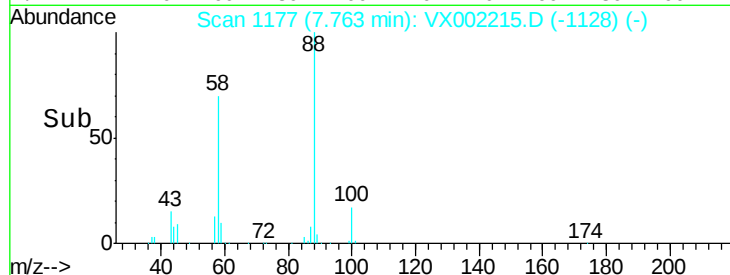
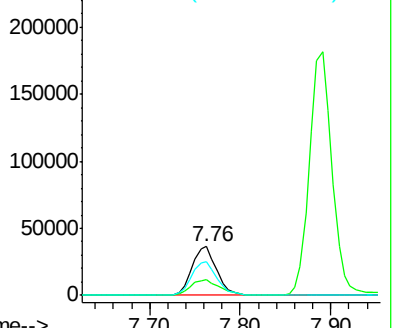
88 100

43 37.3 29.8 44.8

58 72.5 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: 57.47 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002215.D

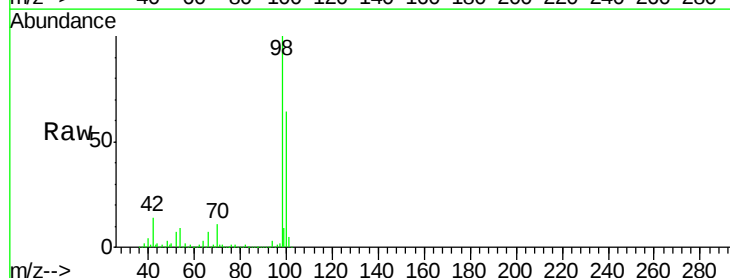
Acq: 01 Jun 2018 13:59

Tgt Ion: 98 Resp: 580641

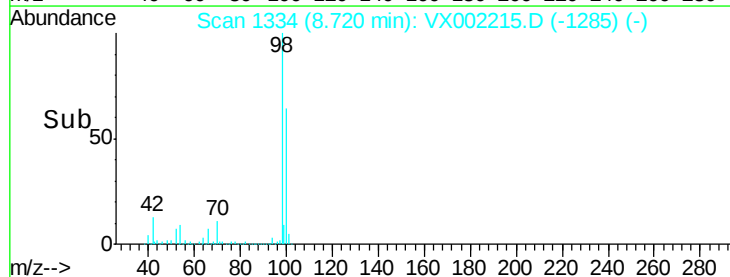
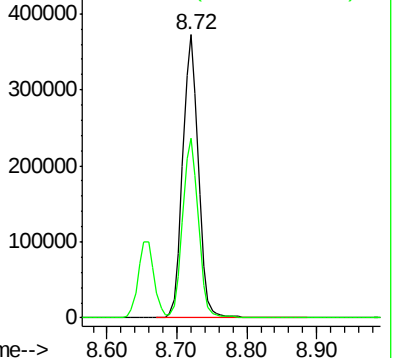
Ion Ratio Lower Upper

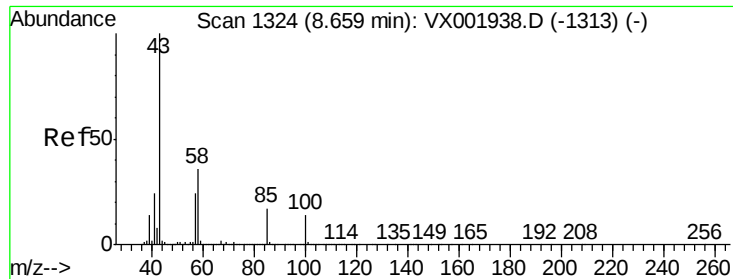
98 100

100 63.9 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: 240.44 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

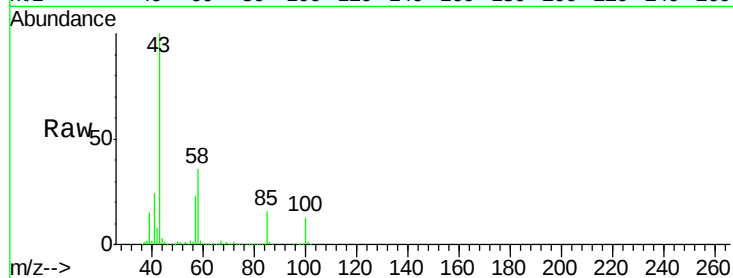
ClientSampleId :

Tot Ion: 43 Resp: 1222240

Ion Ratio Lower Upper

43 100

58 35.2 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VX001938.D (-1313) (-)

Ion 58.00 (57.70 to 58.70): VX001938.D (-1313) (-)

8.65

800000

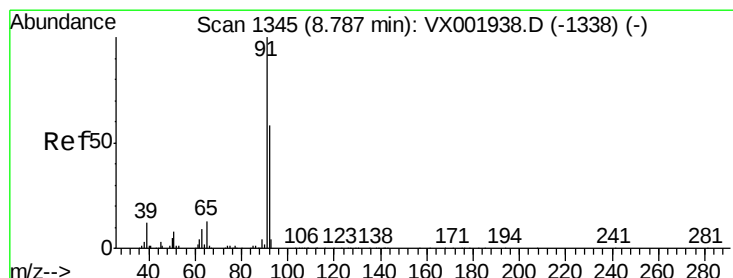
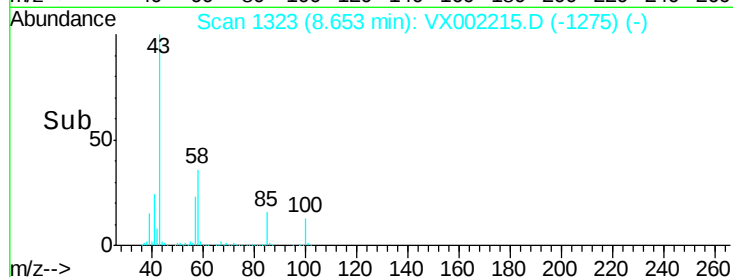
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.49 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002215.D

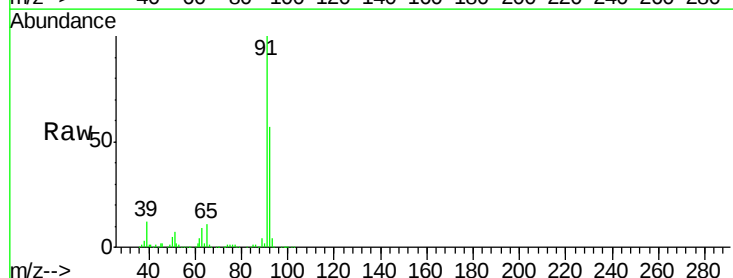
Acq: 01 Jun 2018 13:59

Tgt Ion: 92 Resp: 358217

Ion Ratio Lower Upper

92 100

91 175.8 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX001938.D (-1338) (-)

Ion 91.00 (90.70 to 91.70): VX001938.D (-1338) (-)

8.79

400000

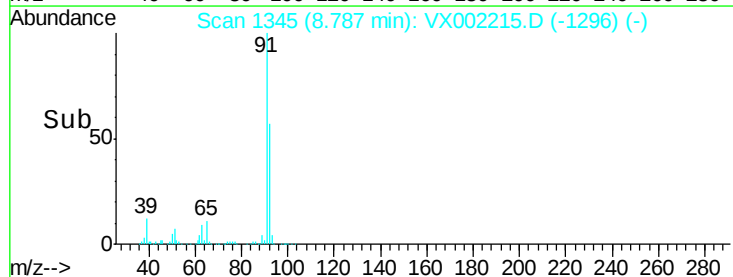
300000

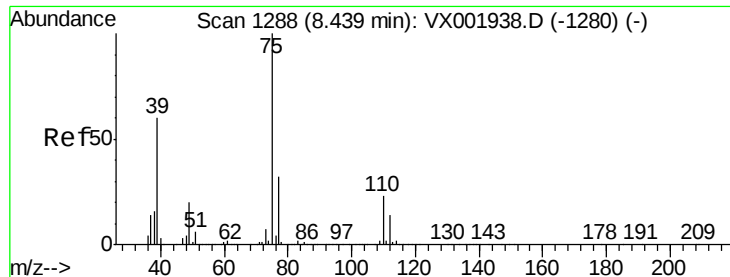
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 45.91 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

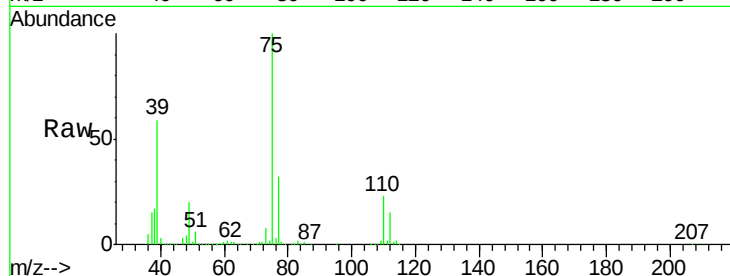
ClientSampleId :

Tot Ion: 75 Resp: 230555

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

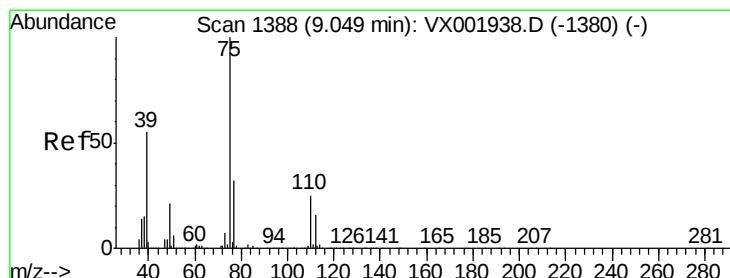
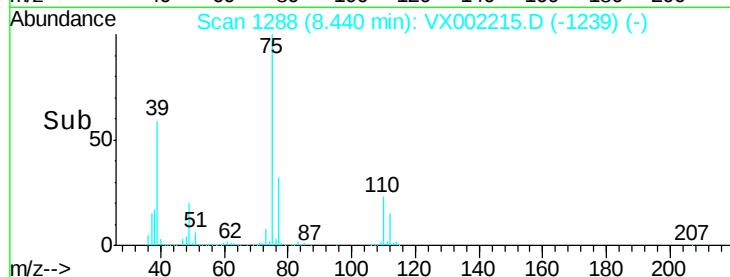
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 44.60 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

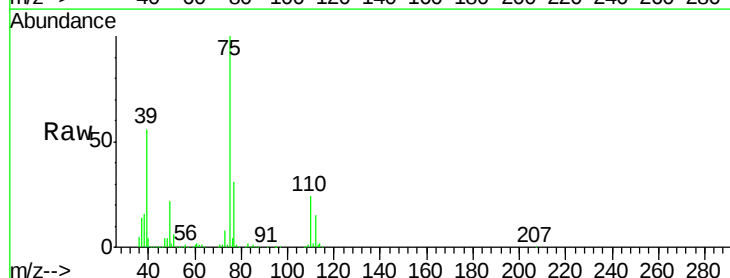
Tgt Ion: 75 Resp: 218238

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 55.4 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

9.04

200000

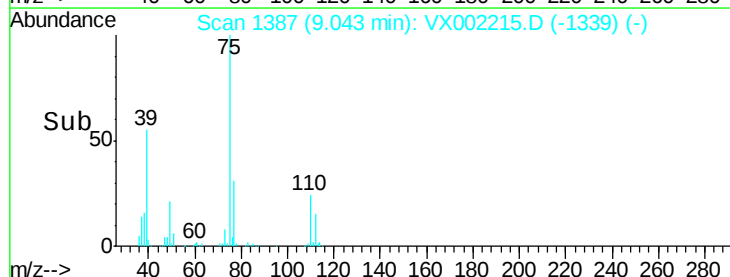
150000

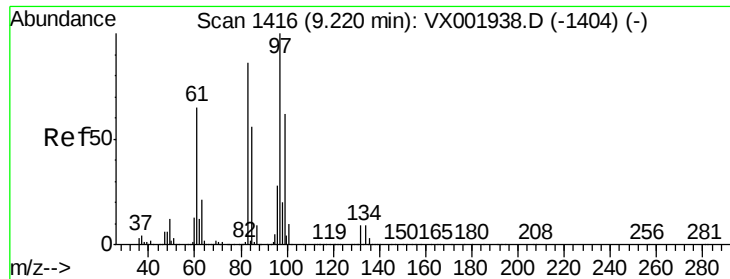
100000

50000

0

Time-->

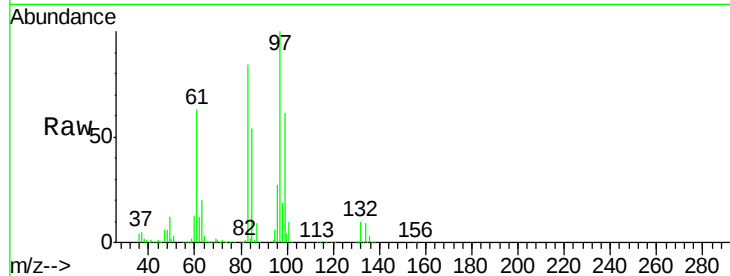




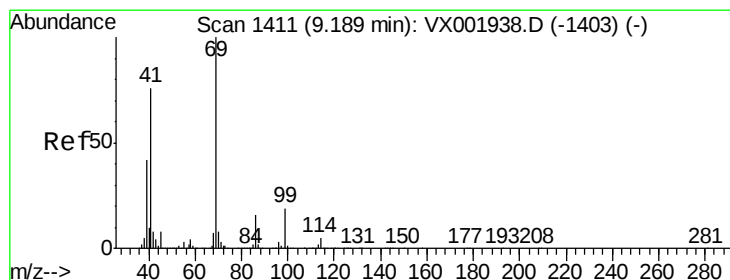
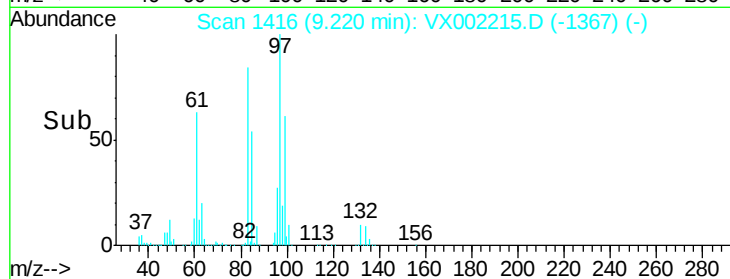
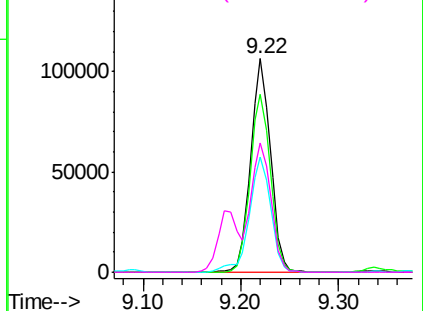
#55
 1,1,2-Trichloroethane
 Concen: 49.82 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 150644
 Ion Ratio Lower Upper
 97 100
 83 83.6 69.1 103.7
 85 54.2 45.2 67.8
 99 60.7 49.6 74.4

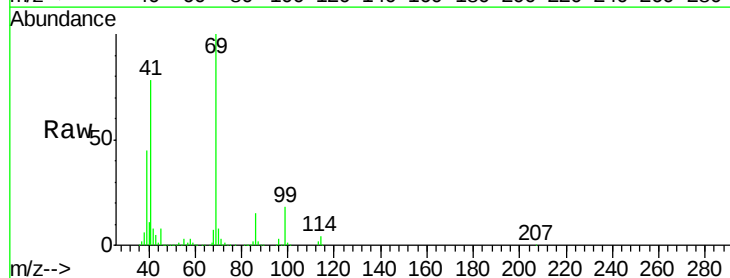


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

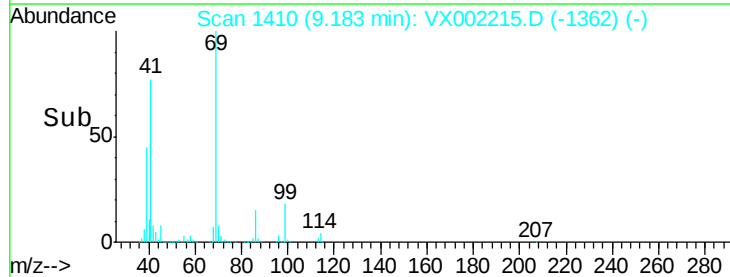
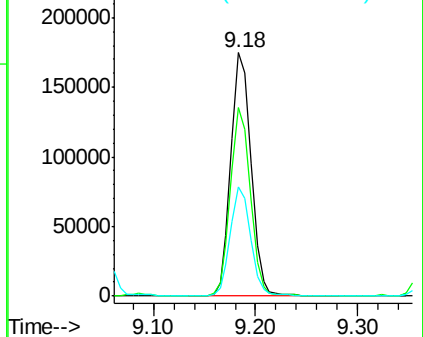


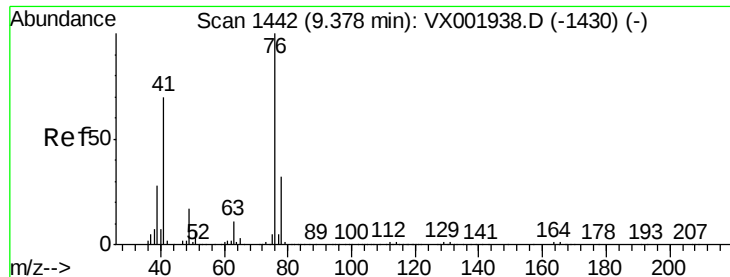
#56
 Ethyl methacrylate
 Concen: 46.22 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Tgt Ion: 69 Resp: 240360
 Ion Ratio Lower Upper
 69 100
 41 76.3 61.0 91.6
 39 44.6 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: 50.05 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

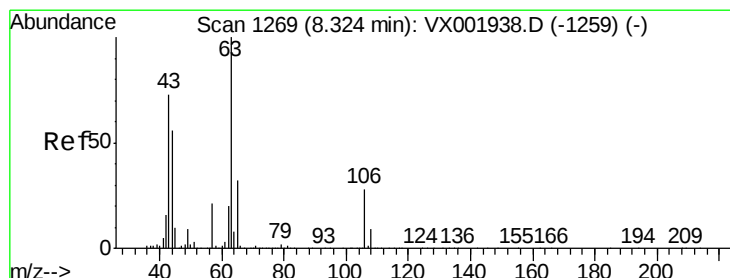
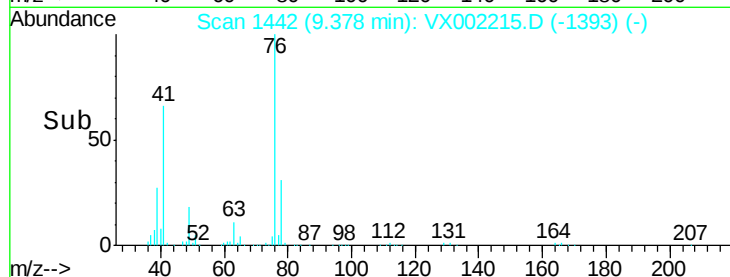
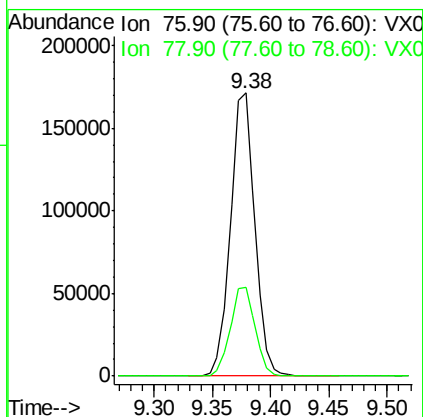
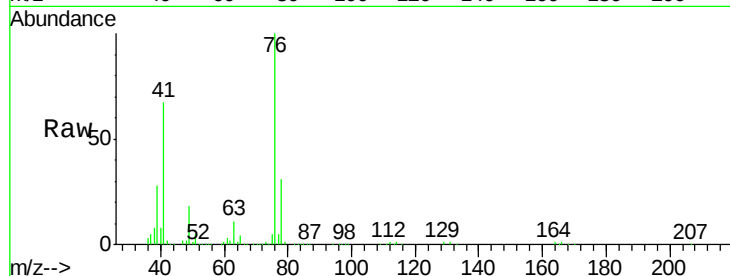
ClientSampleId :

Tot Ion: 76 Resp: 249308

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 223.94 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002215.D

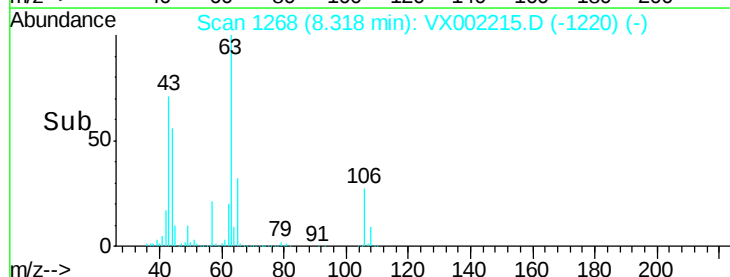
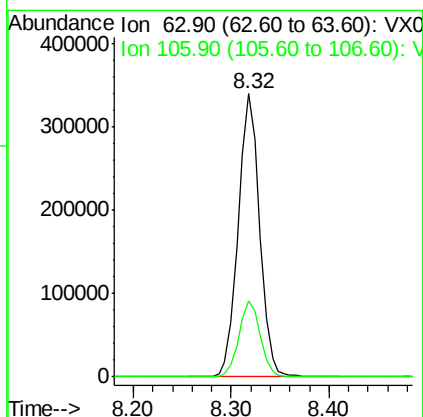
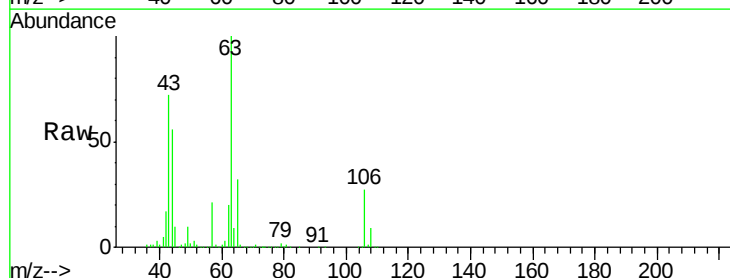
Acq: 01 Jun 2018 13:59

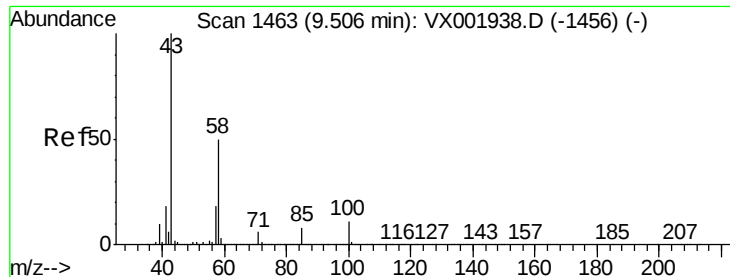
Tgt Ion: 63 Resp: 516195

Ion Ratio Lower Upper

63 100

106 27.0 21.7 32.5

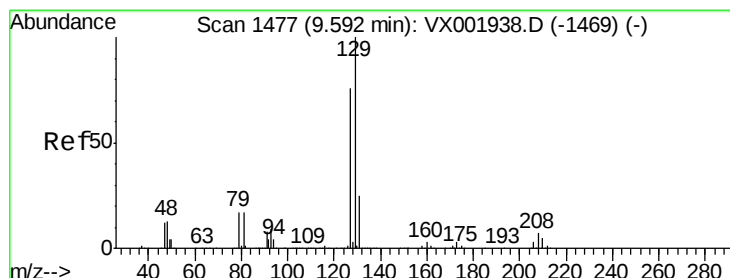
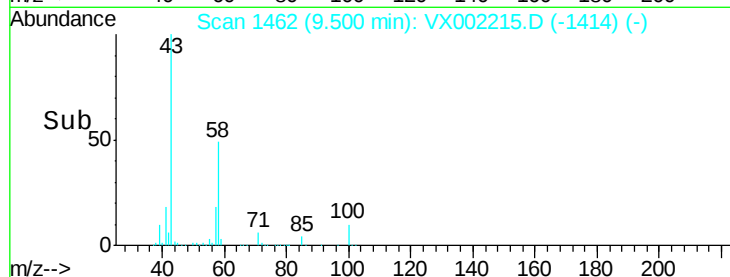
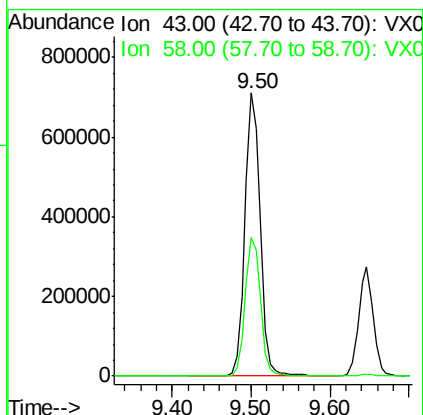
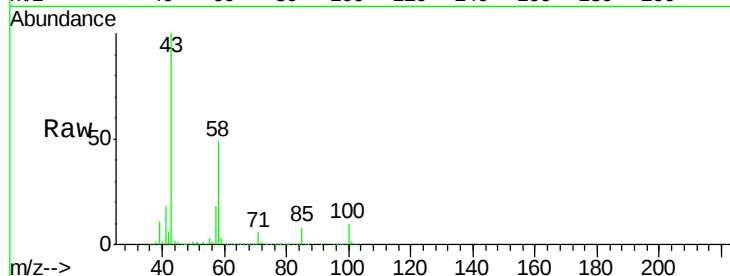




#59
2-Hexanone
Concen: 242.80 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

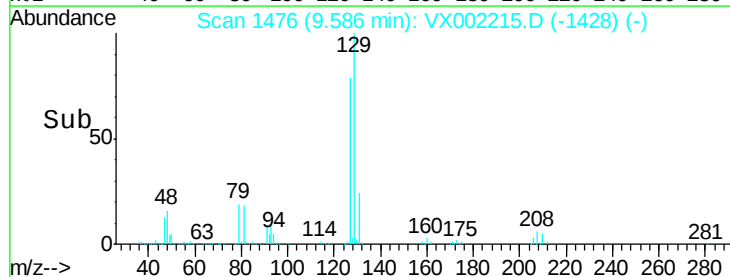
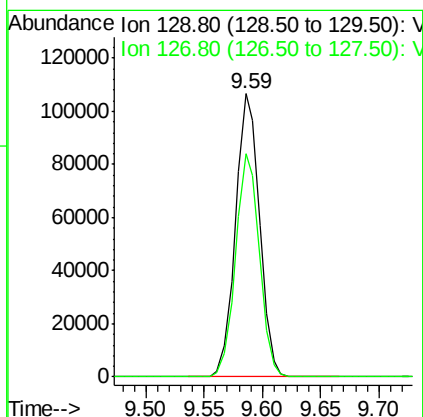
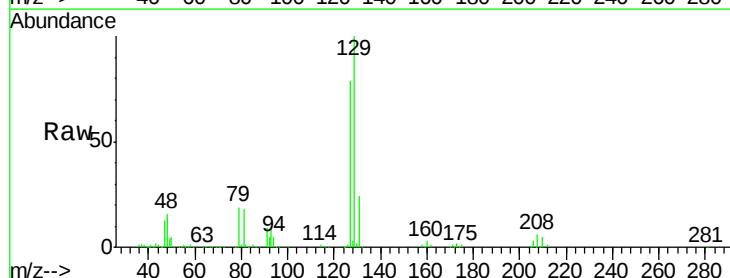
Instrument :
MSVOA_X
ClientSampleId :

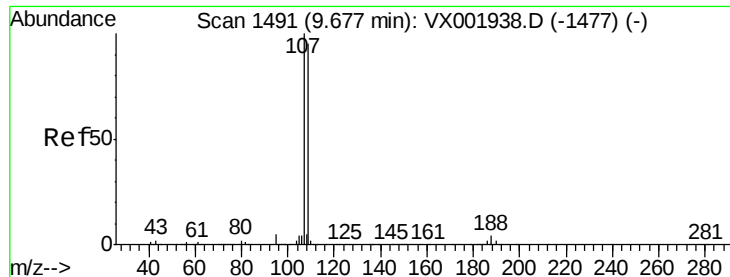
Tot Ion: 43 Resp: 951652
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6



#60
Dibromochloromethane
Concen: 42.82 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion: 129 Resp: 153356
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 49.76 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

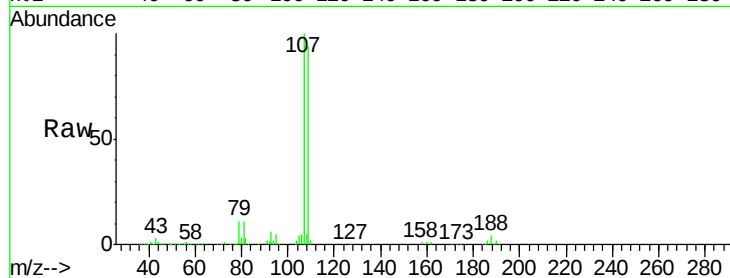
ClientSampleId :

Tot Ion:107 Resp: 157854

Ion Ratio Lower Upper

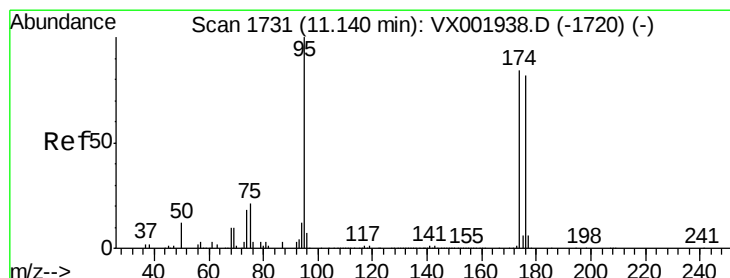
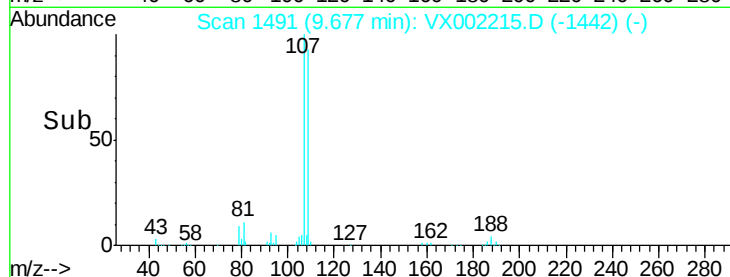
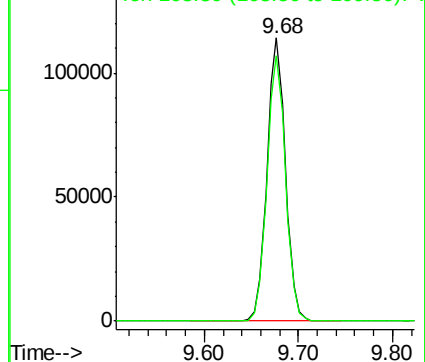
107 100

109 94.8 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 58.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

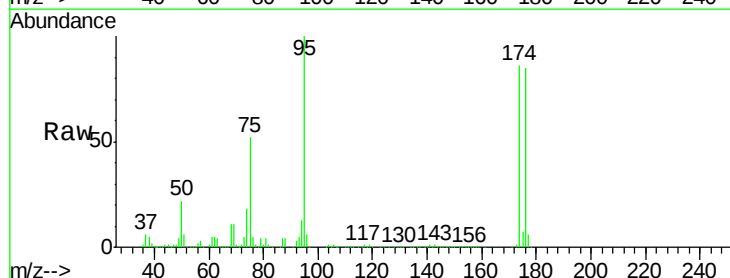
Tgt Ion: 95 Resp: 232640

Ion Ratio Lower Upper

95 100

174 91.7 0.0 178.8

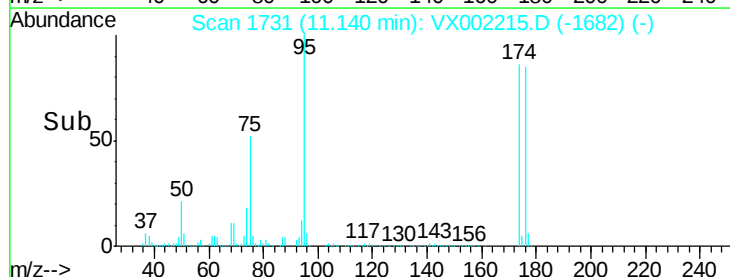
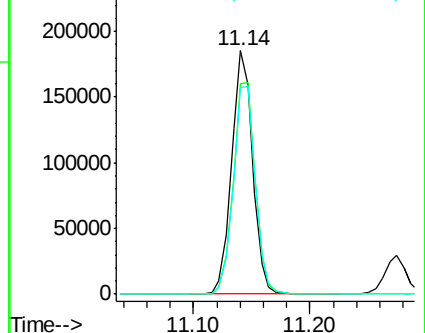
176 89.8 0.0 175.6

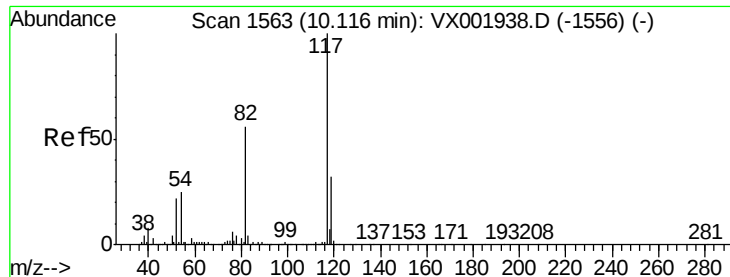


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampled :

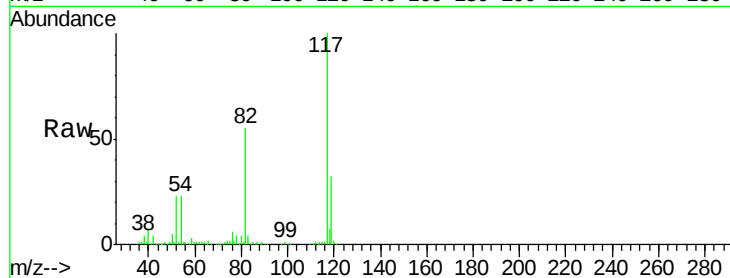
Tot Ion:117 Resp: 264642

Ion Ratio Lower Upper

117 100

82 55.4 44.8 67.2

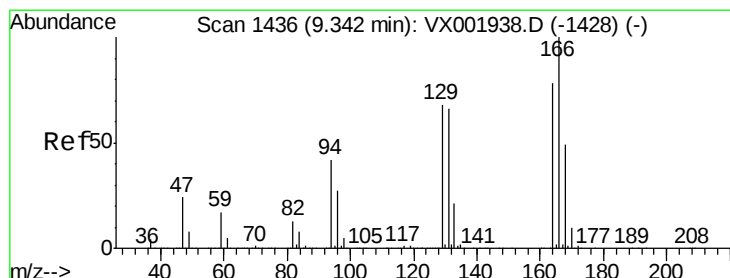
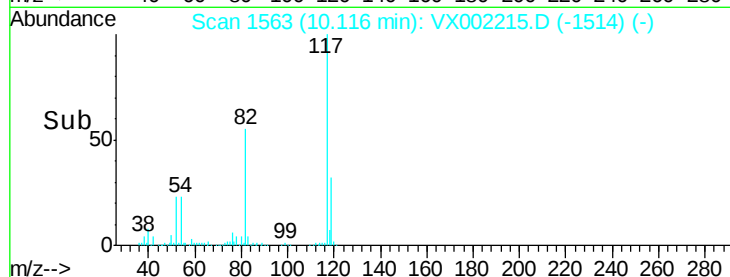
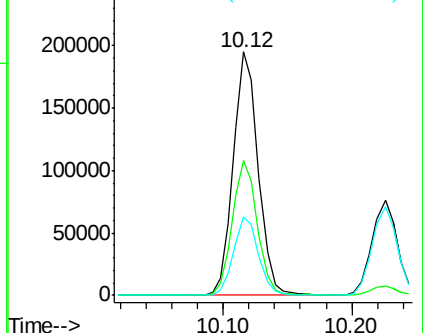
119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.87 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Tgt Ion:164 Resp: 177852

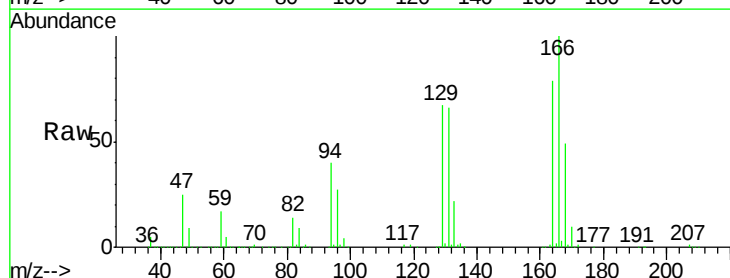
Ion Ratio Lower Upper

164 100

166 126.0 102.7 154.1

129 84.4 70.3 105.5

131 83.3 68.2 102.4

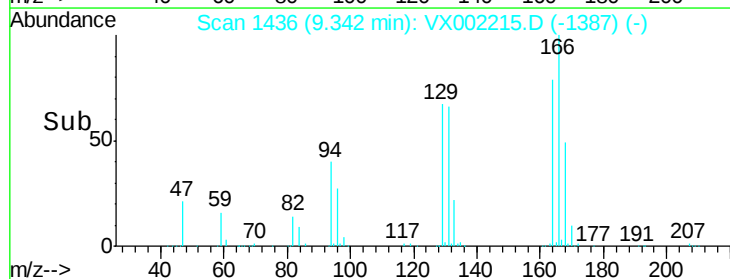
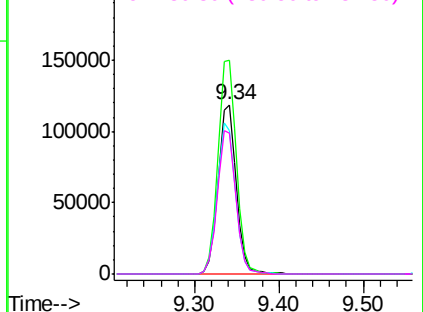


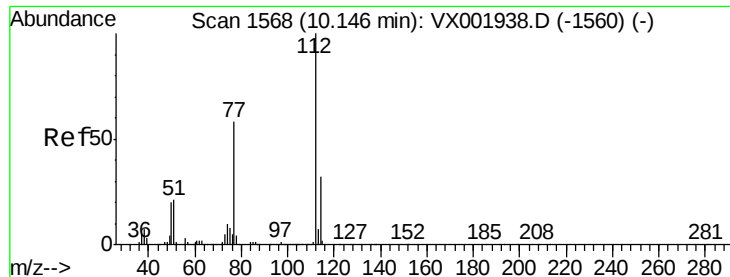
Abundance Ion 163.80 (163.50 to 164.50): V

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: 49.43 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

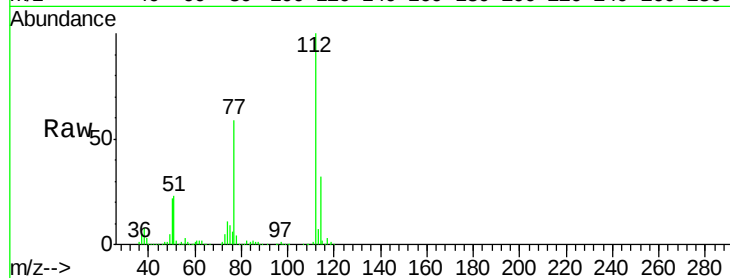
ClientSampleId :

Tot Ion:112 Resp: 414455

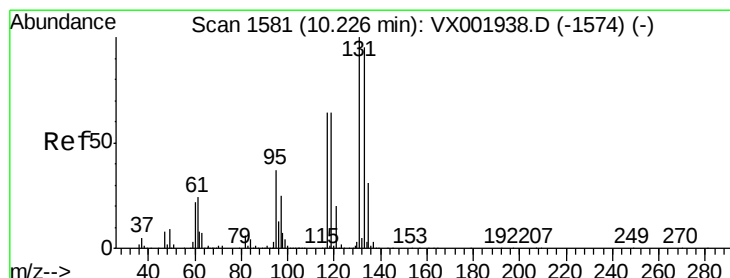
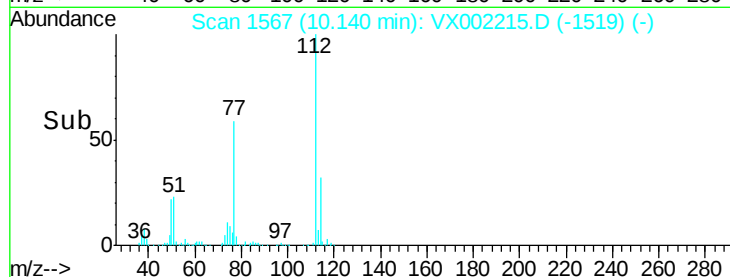
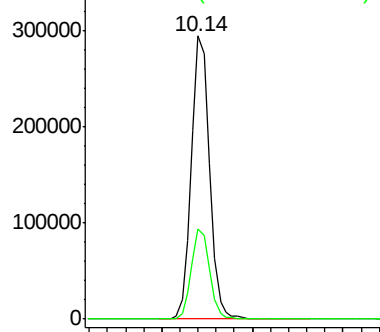
Ion Ratio Lower Upper

112 100

114 31.9 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 45.37 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

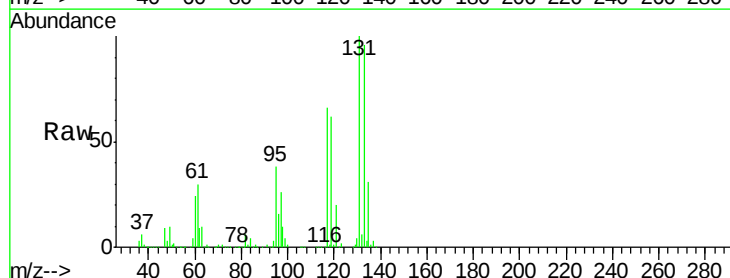
Tgt Ion:131 Resp: 153623

Ion Ratio Lower Upper

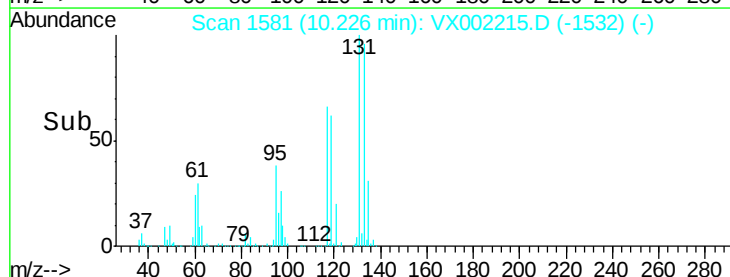
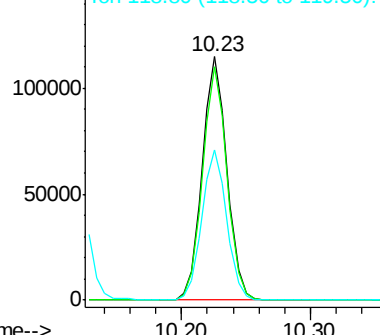
131 100

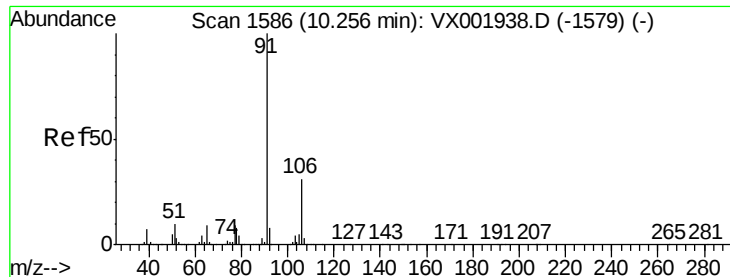
133 95.0 48.0 144.0

119 62.3 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V





#67

Ethyl Benzene

Concen: 48.86 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

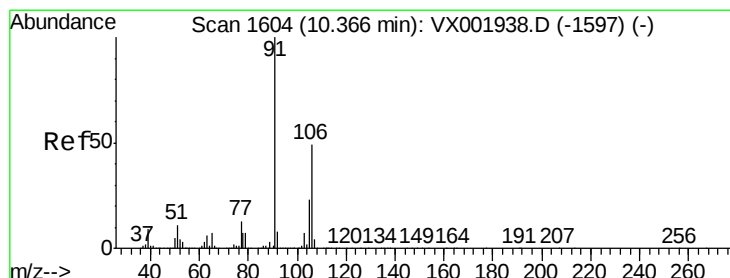
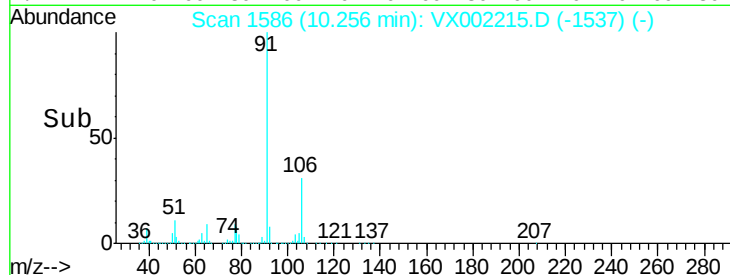
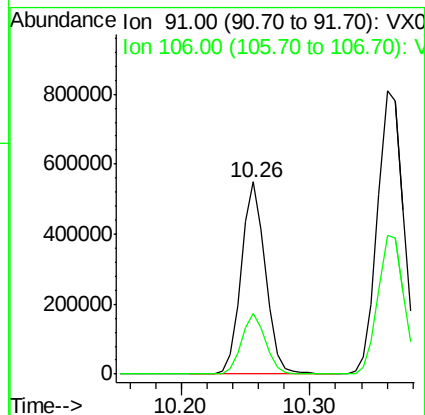
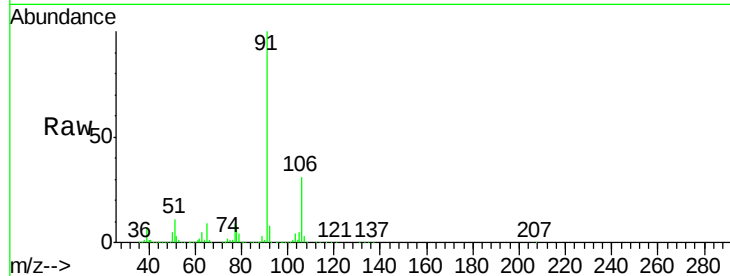
ClientSampleId :

Tot Ion: 91 Resp: 711847

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6



#68

m/p-Xylenes

Concen: 99.59 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002215.D

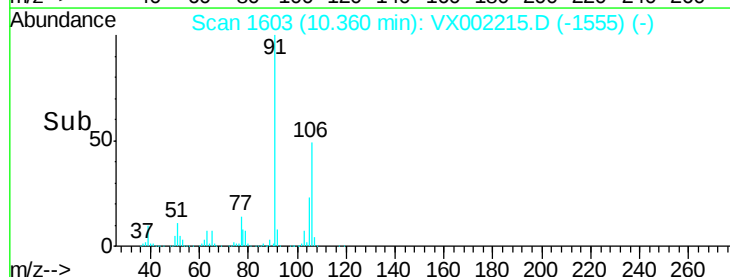
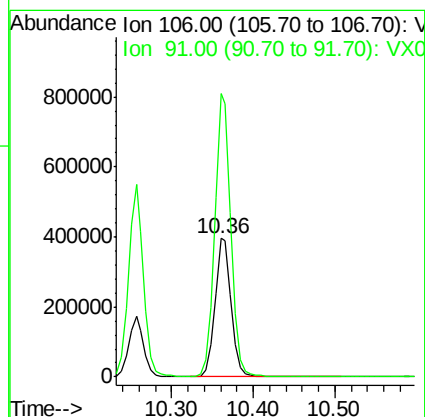
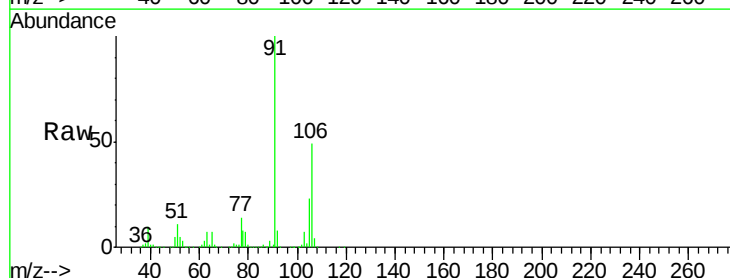
Acq: 01 Jun 2018 13:59

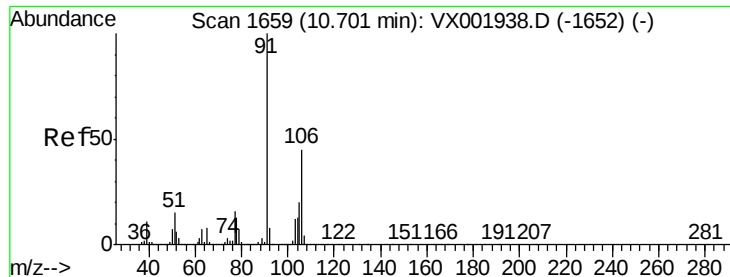
Tgt Ion: 106 Resp: 554572

Ion Ratio Lower Upper

106 100

91 204.7 165.0 247.6

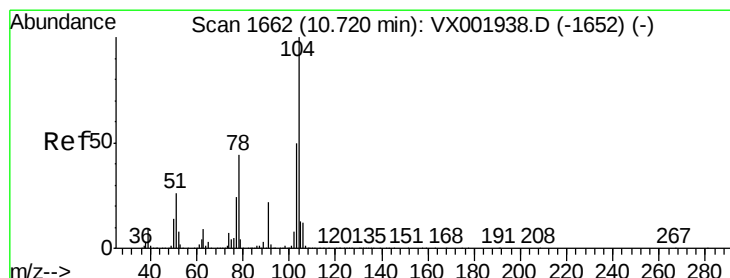
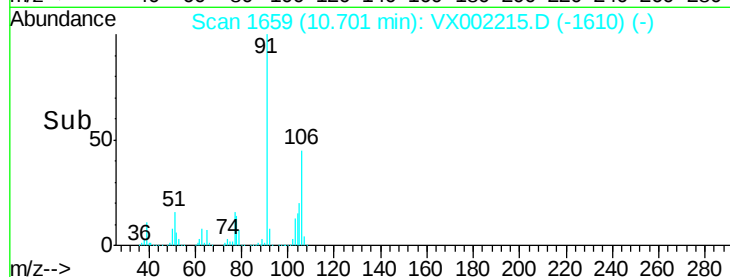
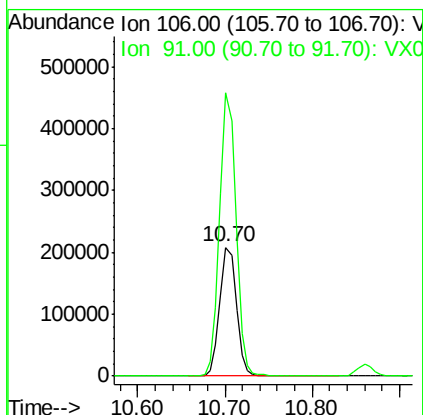
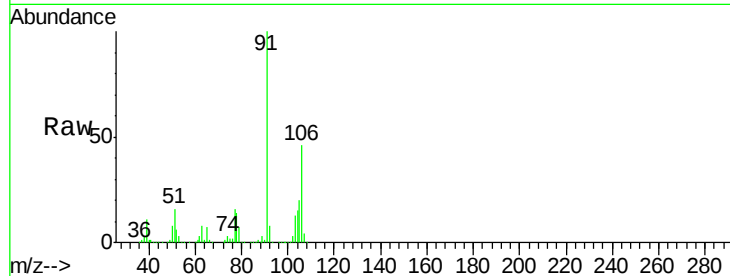




#69
o-Xylene
Concen: 49.56 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

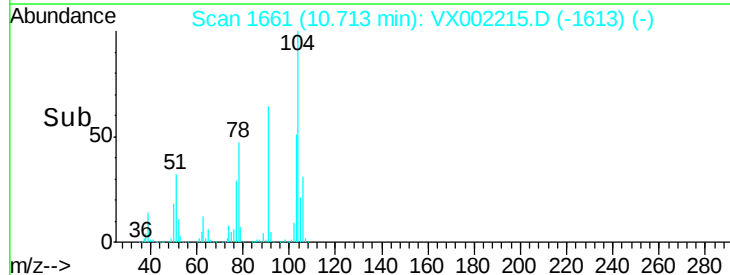
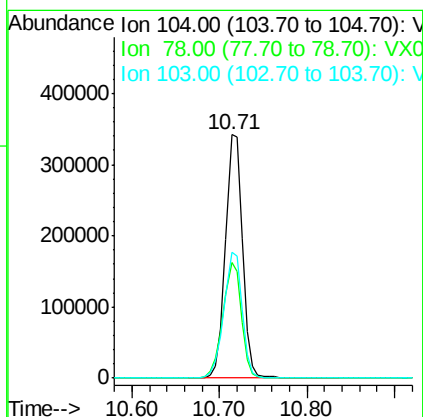
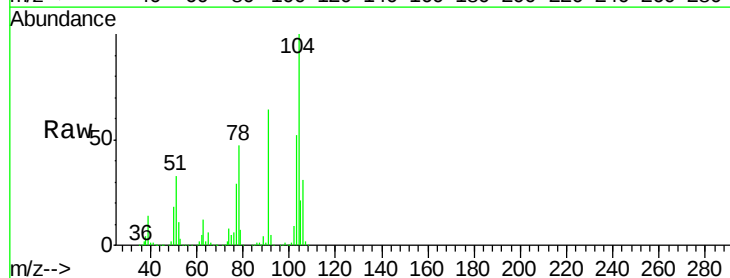
Instrument :
MSVOA_X
ClientSampleId :

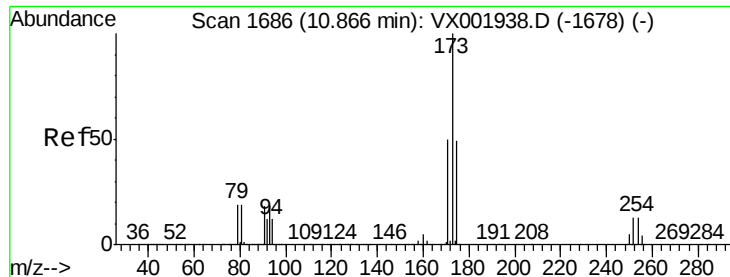
Tot Ion:106 Resp: 275542
Ion Ratio Lower Upper
106 100
91 215.8 108.7 325.9



#70
Styrene
Concen: 50.07 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion:104 Resp: 461747
Ion Ratio Lower Upper
104 100
78 51.4 41.8 62.6
103 55.6 44.6 67.0





#71

Bromoform

Concen: 37.36 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

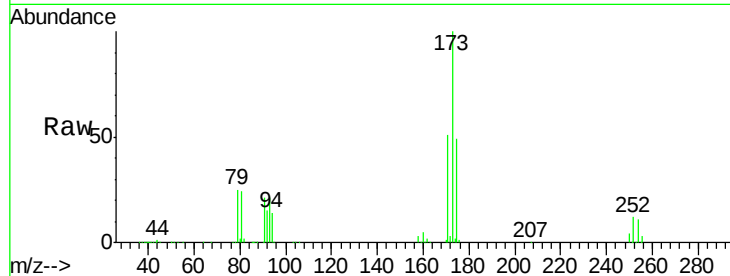
Tot Ion:173 Resp: 119942

Ion Ratio Lower Upper

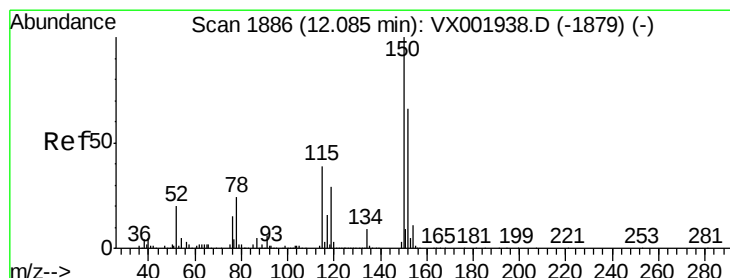
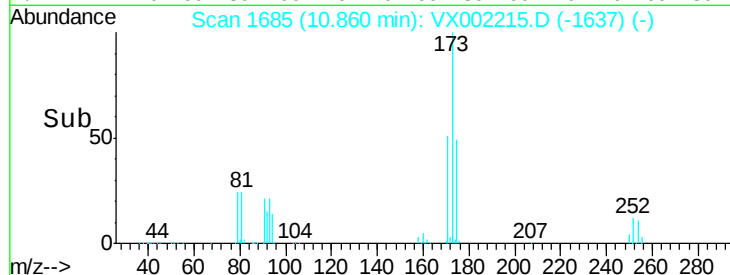
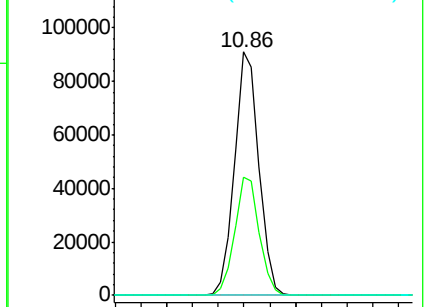
173 100

175 49.1 24.3 72.9

254 0.2 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: VX002215.D

Acq: 01 Jun 2018 13:59

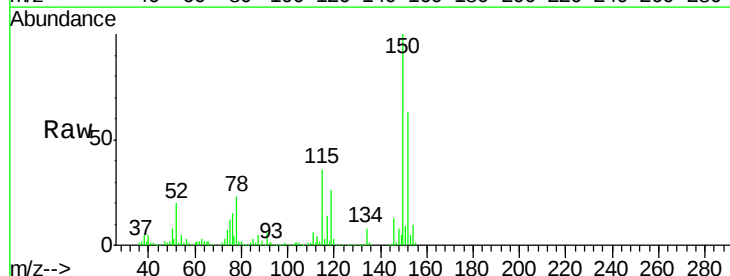
Tgt Ion:152 Resp: 189355

Ion Ratio Lower Upper

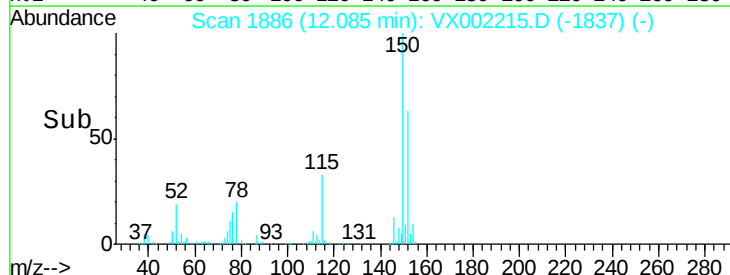
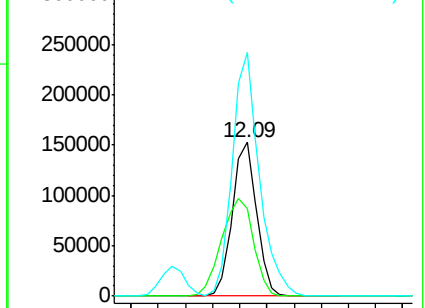
152 100

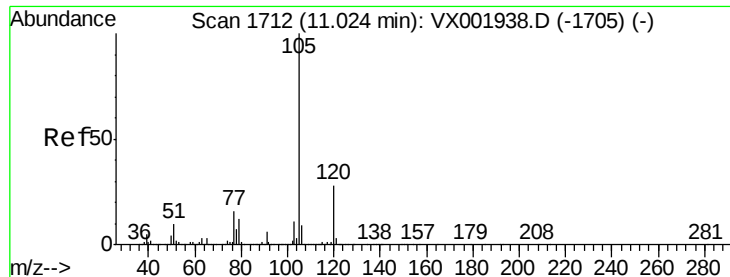
115 83.5 42.3 126.8

150 176.4 0.0 351.0



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





#73

Isopropylbenzene

Concen: 46.12 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

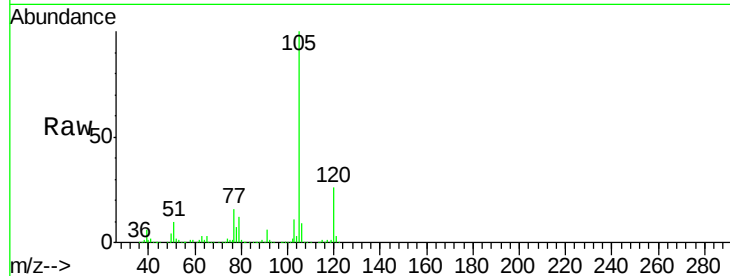
ClientSampleId :

Tot Ion:105 Resp: 739499

Ion Ratio Lower Upper

105 100

120 26.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

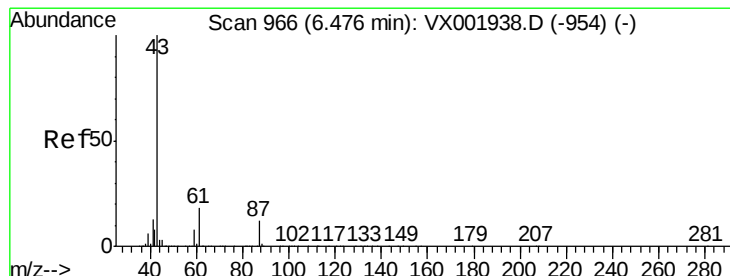
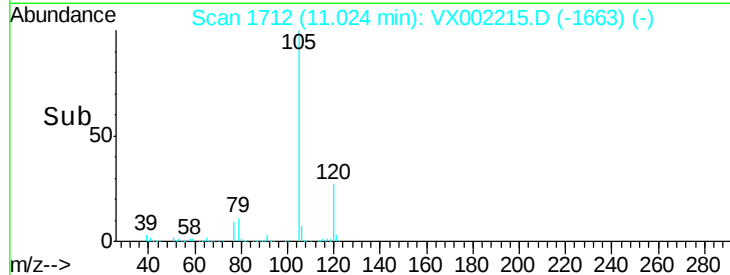
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 45.28 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Tgt Ion: 43 Resp: 379093

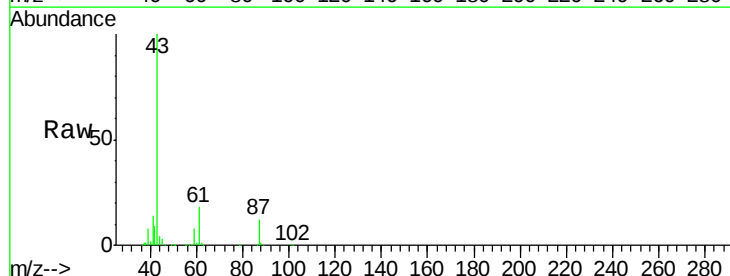
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1#

61 17.9 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

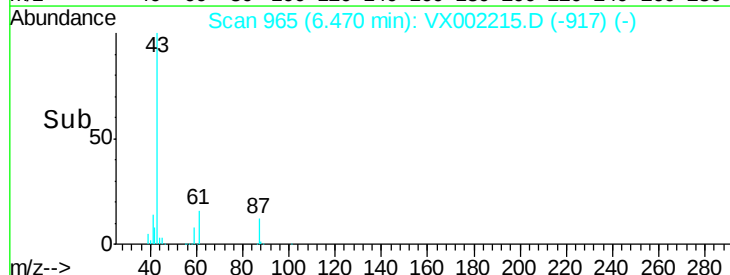
150000

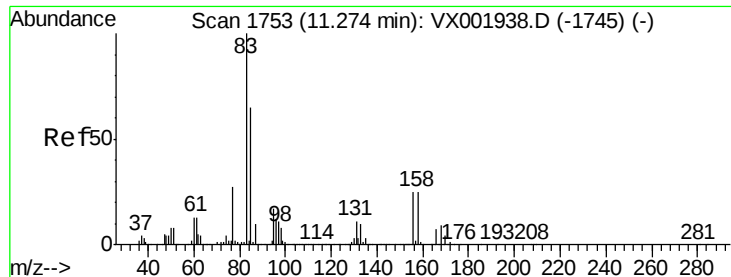
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.21 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

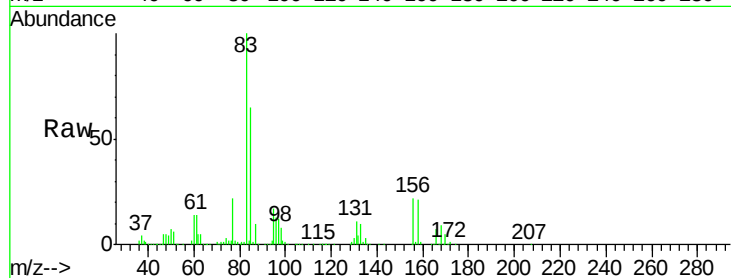
Tot Ion: 83 Resp: 220157

Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.7	17.0
85	64.5	32.6	97.7

83 100

131 11.1 5.7 17.0

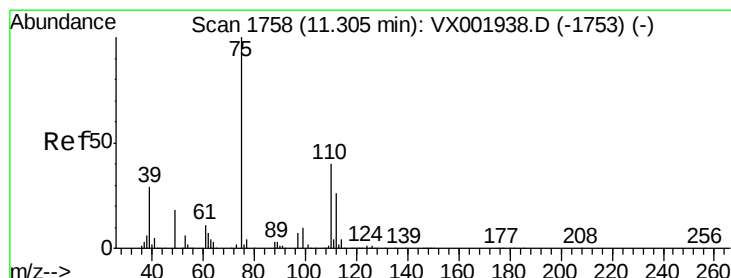
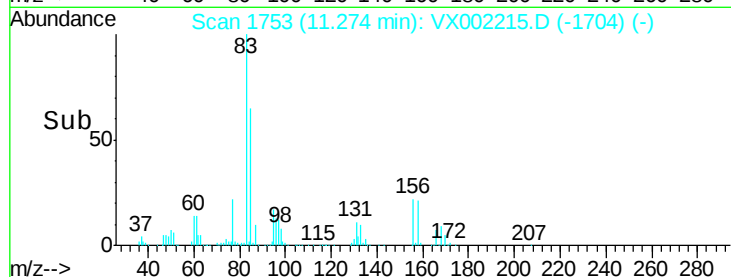
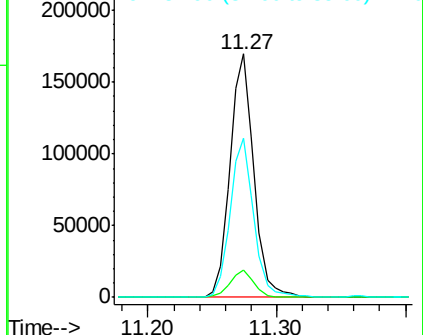
85 64.5 32.6 97.7



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: 60.27 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002215.D

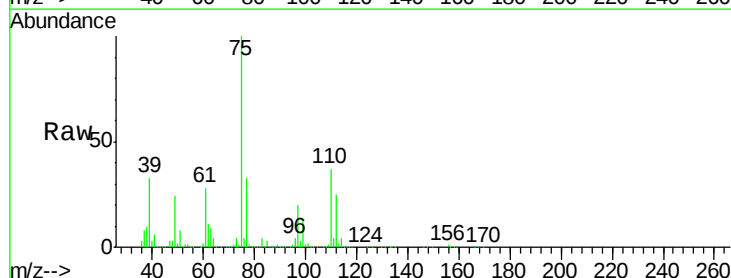
Acq: 01 Jun 2018 13:59

Tgt Ion: 75 Resp: 274107

Ion	Ratio	Lower	Upper
75	100		
77	32.7	22.8	68.3

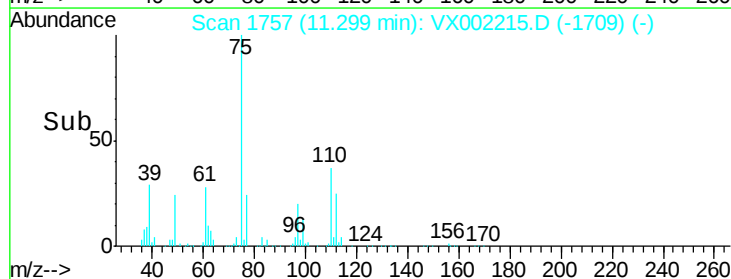
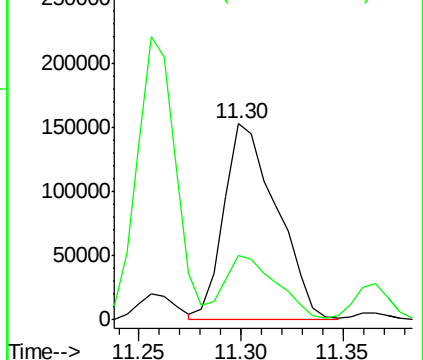
75 100

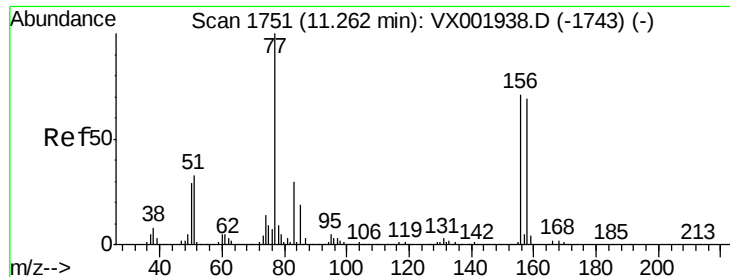
77 32.7 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.03 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

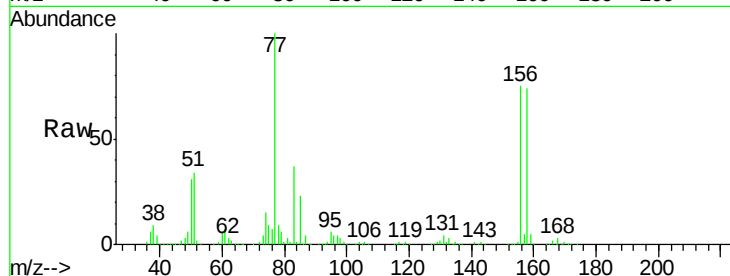
Tot Ion:156 Resp: 200077

Ion Ratio Lower Upper

156 100

77 143.6 75.2 225.6

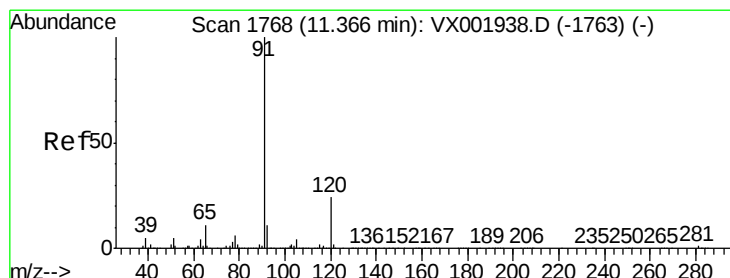
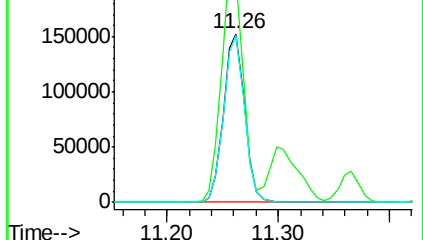
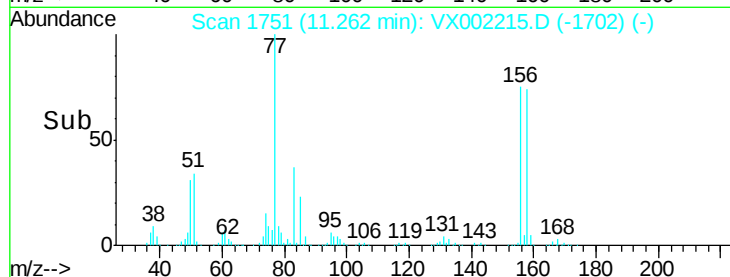
158 97.9 48.6 145.8



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: 46.93 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002215.D

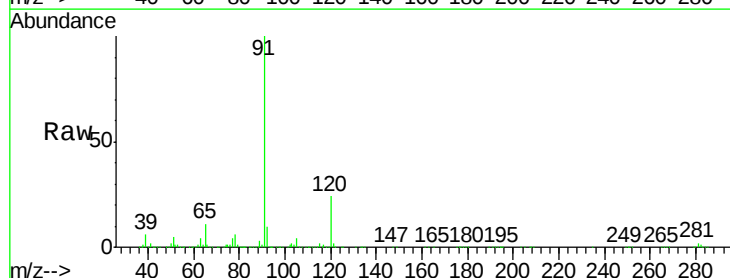
Acq: 01 Jun 2018 13:59

Tgt Ion: 91 Resp: 842806

Ion Ratio Lower Upper

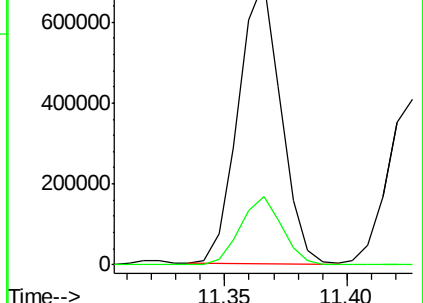
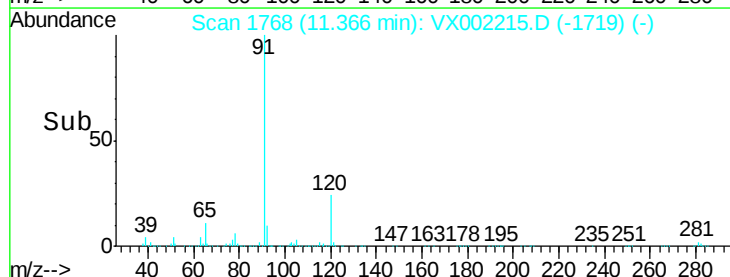
91 100

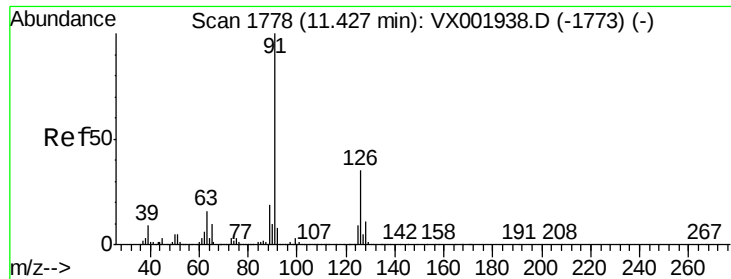
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.22 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

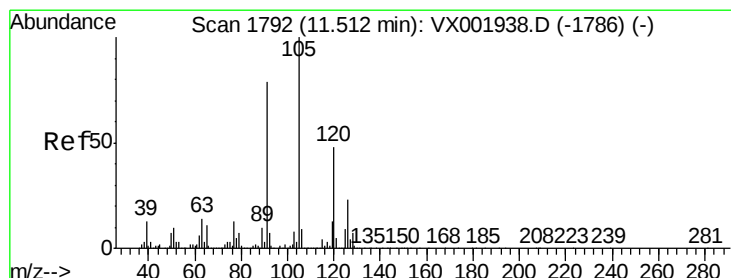
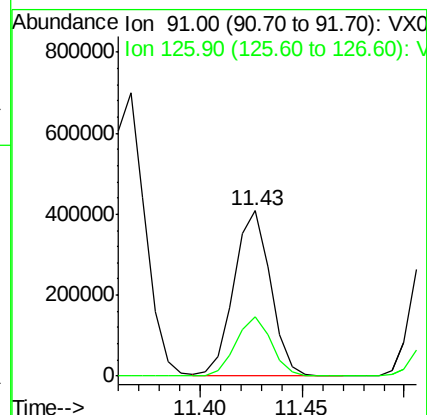
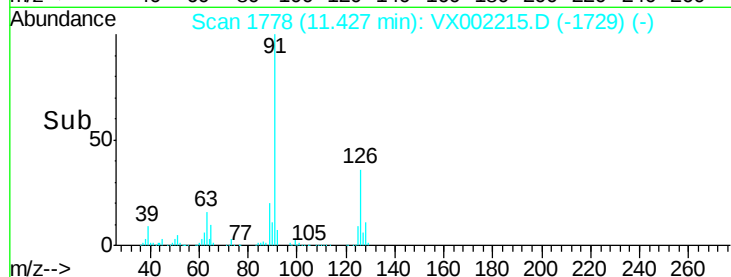
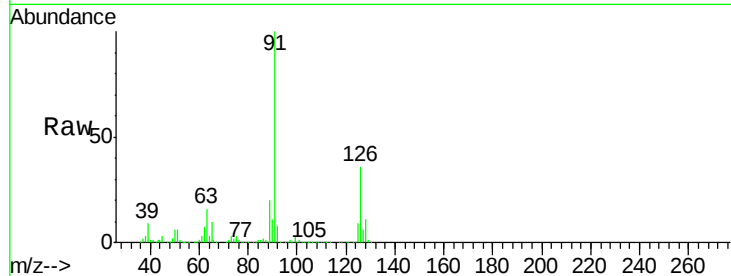
ClientSampled :

Tot Ion: 91 Resp: 504037

Ion Ratio Lower Upper

91 100

126 35.5 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 46.61 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002215.D

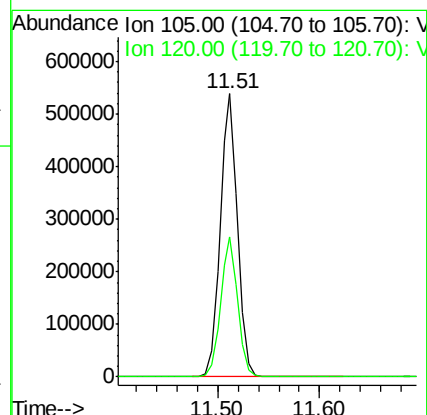
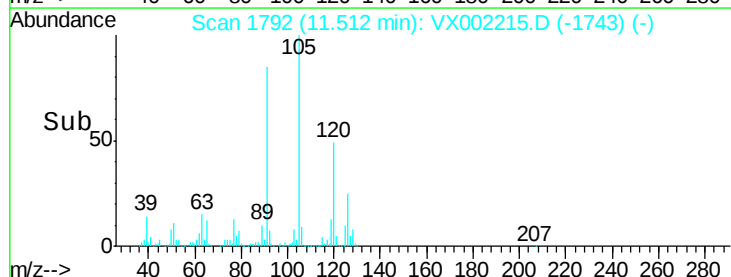
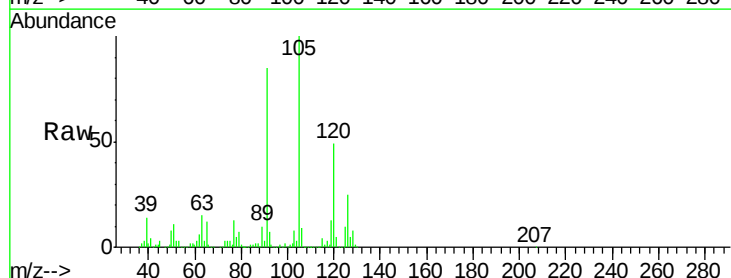
Acq: 01 Jun 2018 13:59

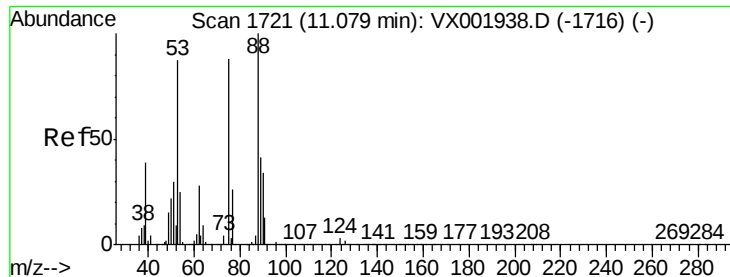
Tgt Ion: 105 Resp: 638656

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 35.25 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

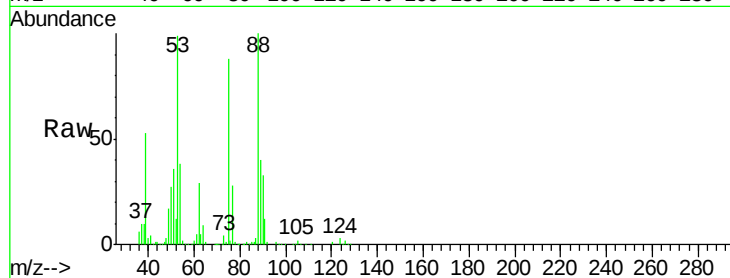
Tot Ion: 75 Resp: 66716

Ion Ratio Lower Upper

75 100

53 114.5 78.0 117.0

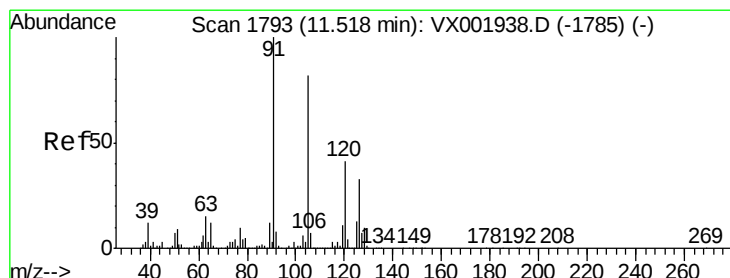
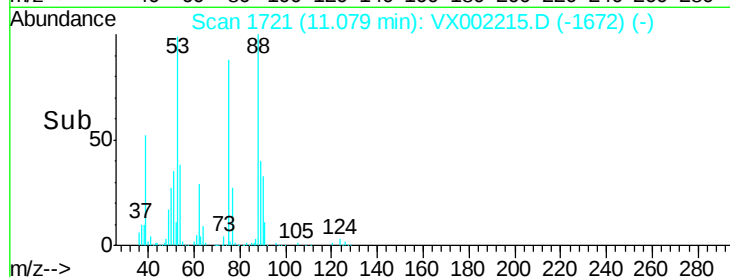
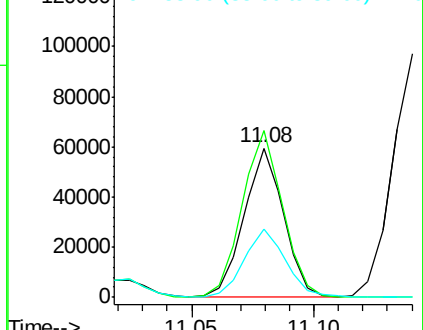
89 48.4 39.4 59.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.92 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX002215.D

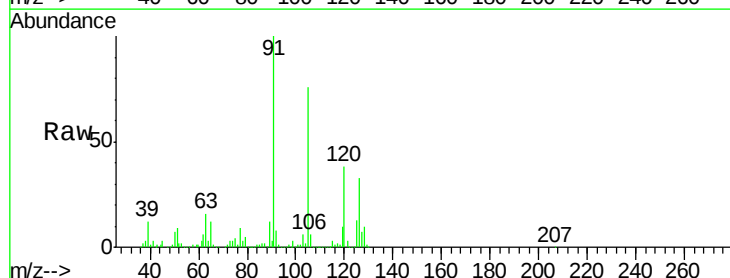
Acq: 01 Jun 2018 13:59

Tgt Ion: 91 Resp: 607031

Ion Ratio Lower Upper

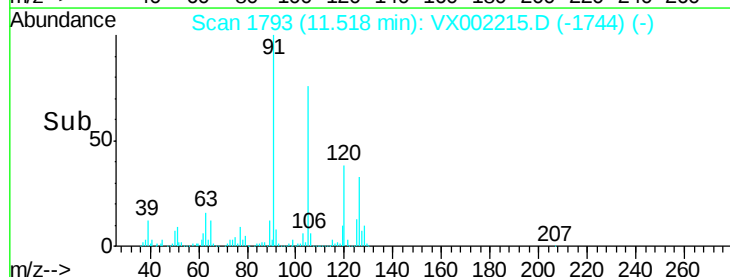
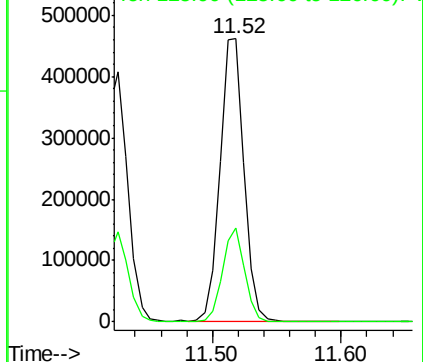
91 100

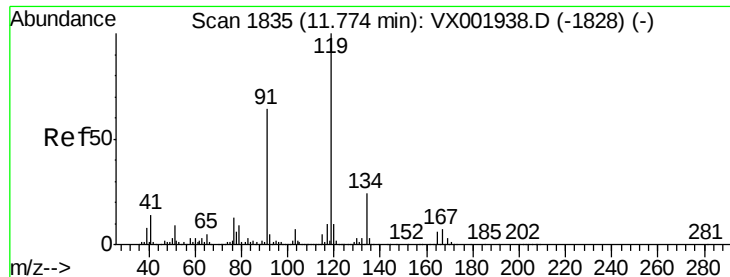
126 30.8 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 45.41 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

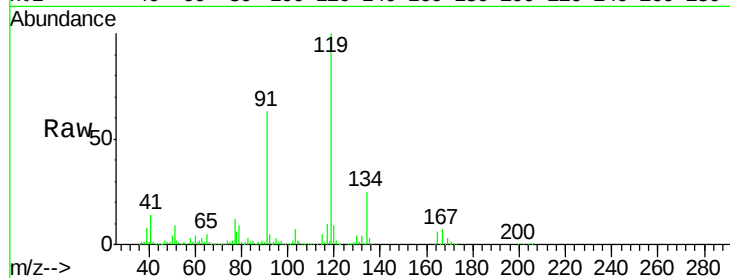
Tot Ion:119 Resp: 610575

Ion Ratio Lower Upper

119 100

91 60.8 30.6 91.8

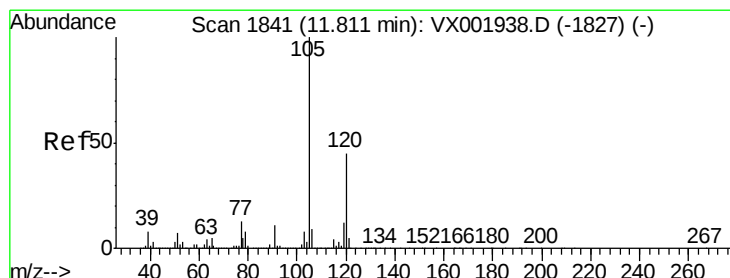
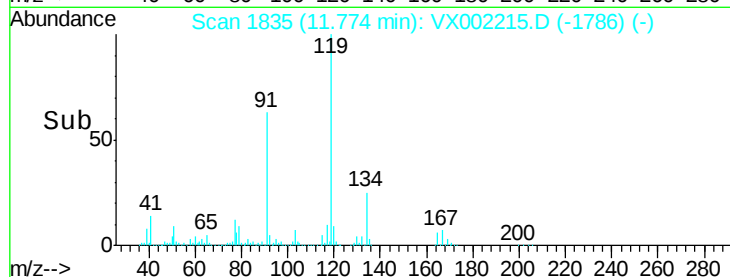
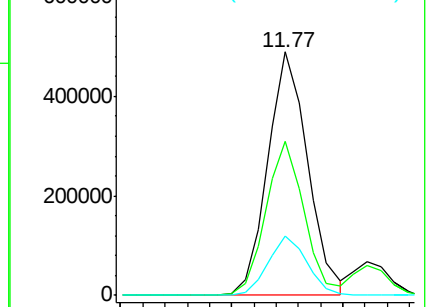
134 23.7 11.7 35.0



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: 46.77 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002215.D

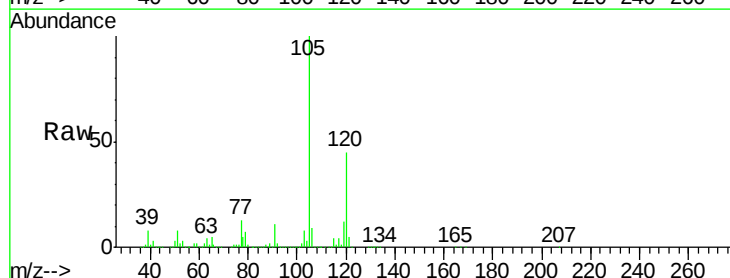
Acq: 01 Jun 2018 13:59

Tgt Ion:105 Resp: 662312

Ion Ratio Lower Upper

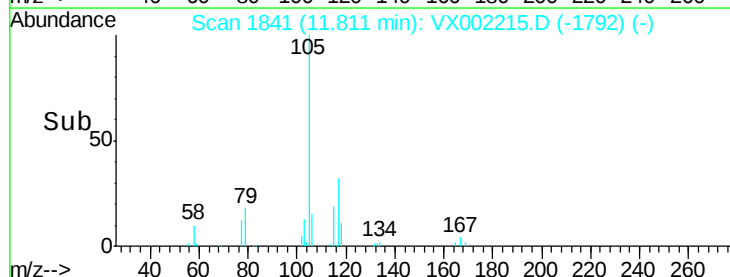
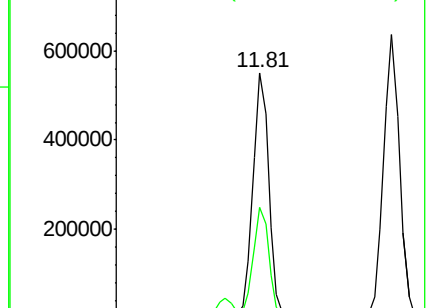
105 100

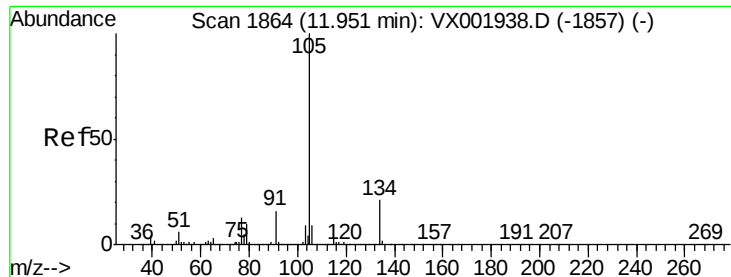
120 45.2 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 46.83 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

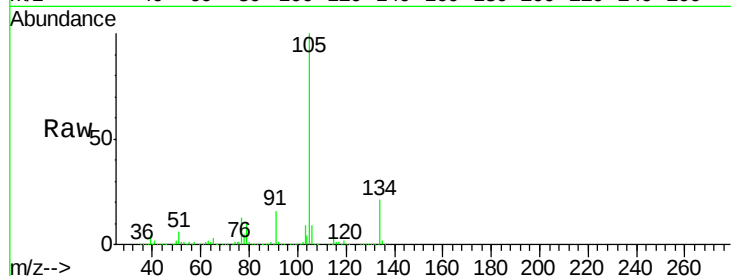
ClientSampled :

Tot Ion:105 Resp: 756920

Ion Ratio Lower Upper

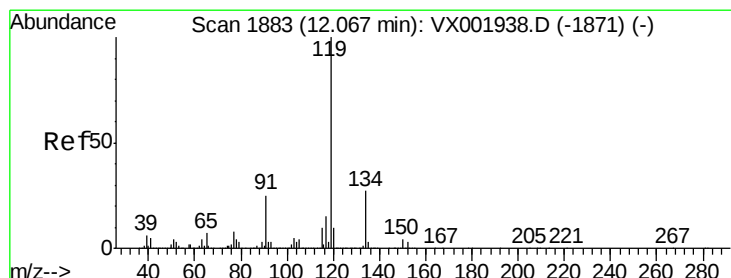
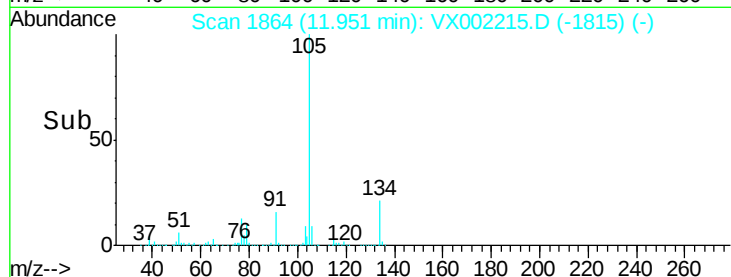
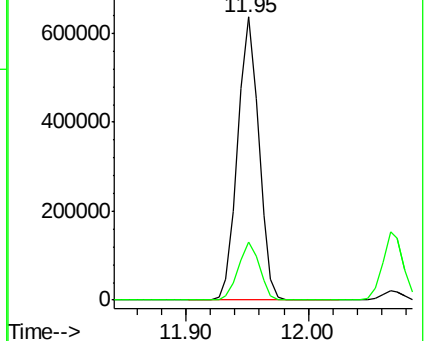
105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.66 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

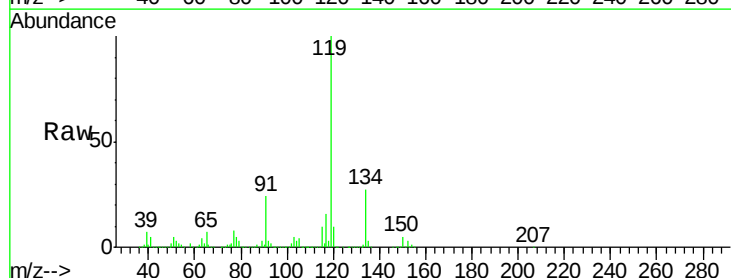
Tgt Ion:119 Resp: 689390

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.8

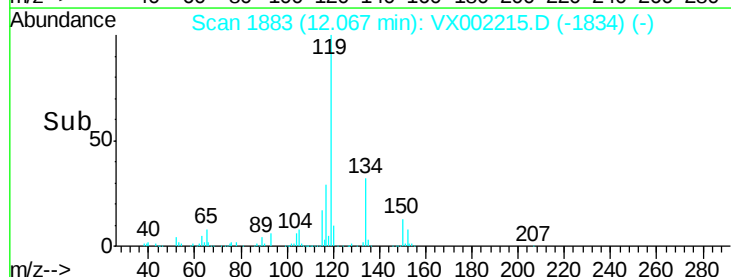
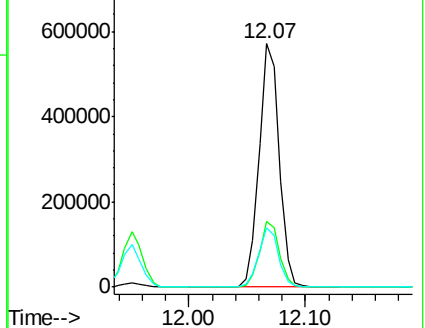
91 24.2 12.2 36.4

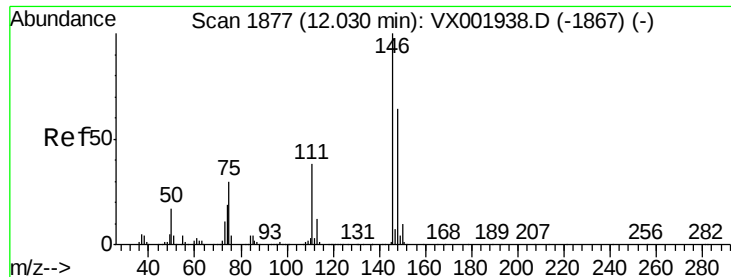


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

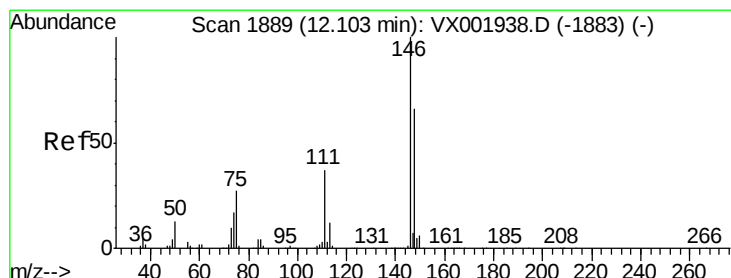
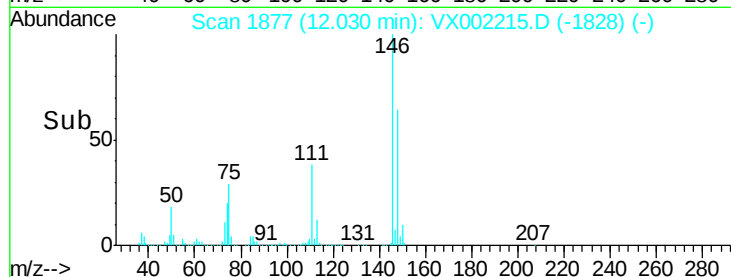
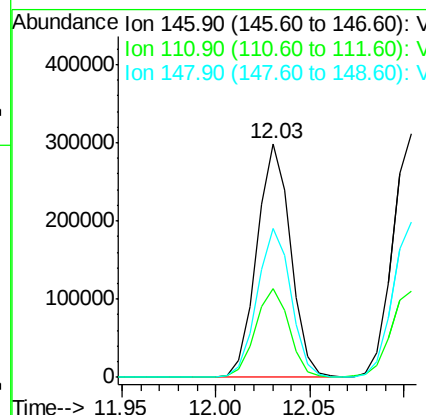
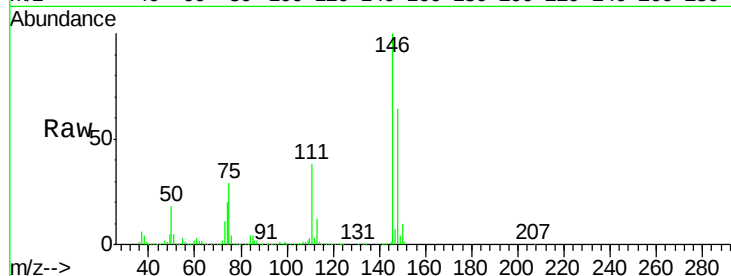




#87
 1,3-Dichlorobenzene
 Concen: 48.47 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

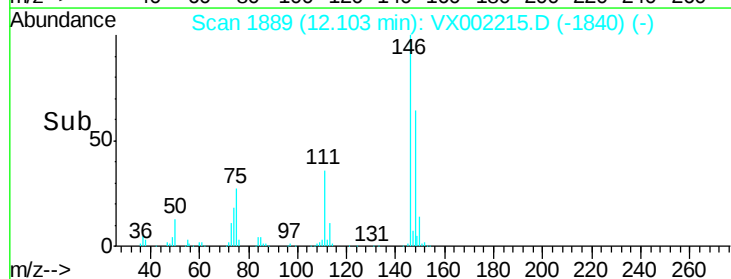
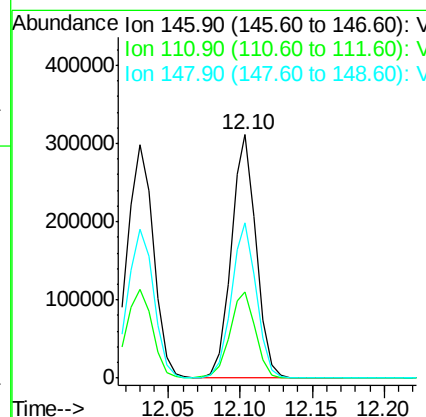
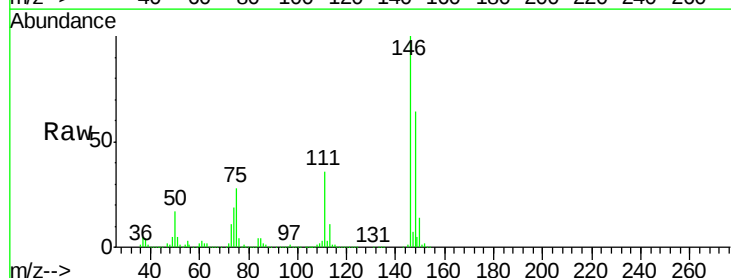
Instrument :
 MSVOA_X
 ClientSampleId :

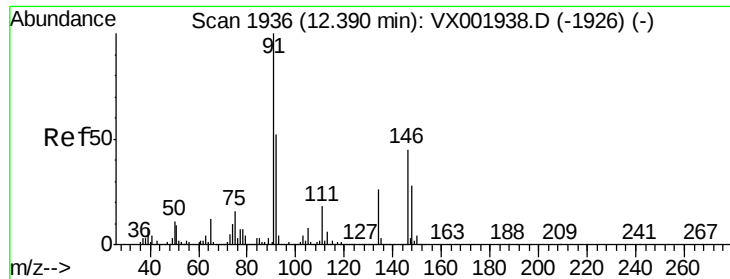
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.8
148	64.0	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.64 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.9	56.5
148	64.0	32.3	96.8





#89

n-Butylbenzene

Concen: 49.29 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

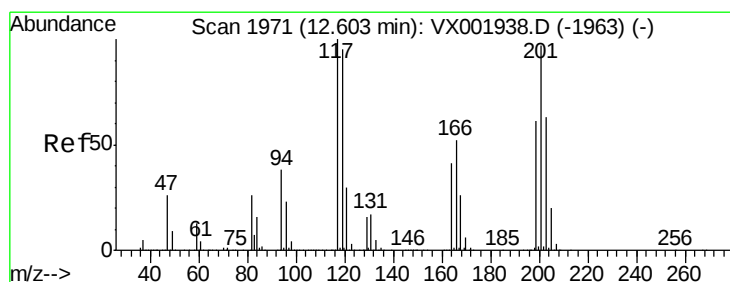
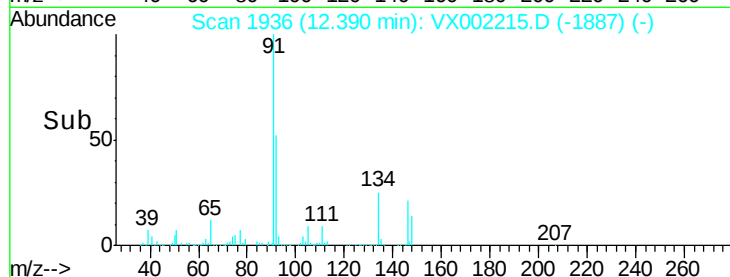
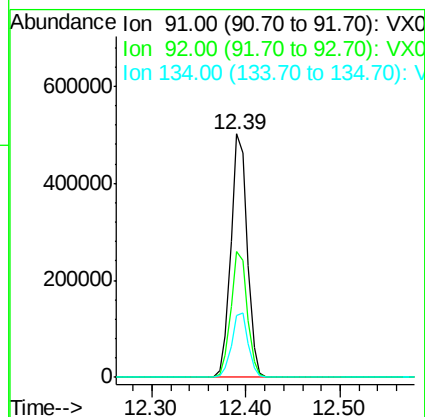
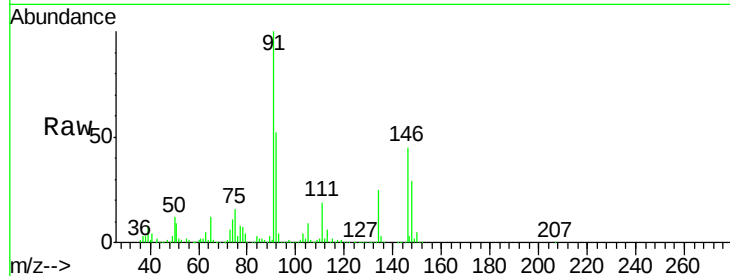
Tot Ion: 91 Resp: 604111

Ion Ratio Lower Upper

91 100

92 51.9 26.3 78.9

134 26.7 13.6 40.7



#90

Hexachloroethane

Concen: 36.51 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX002215.D

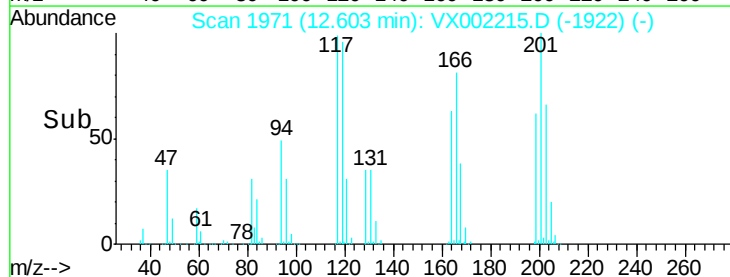
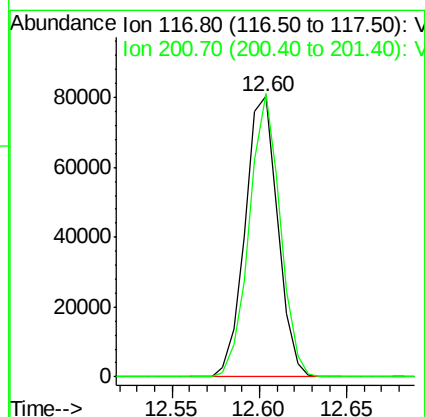
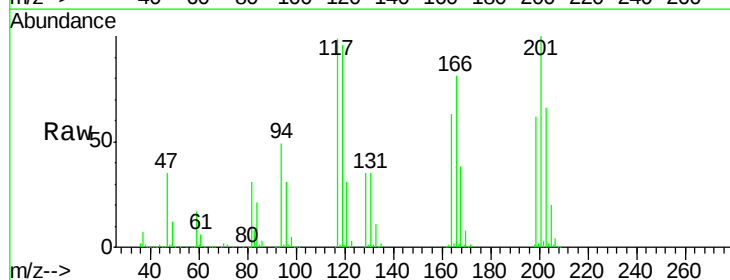
Acq: 01 Jun 2018 13:59

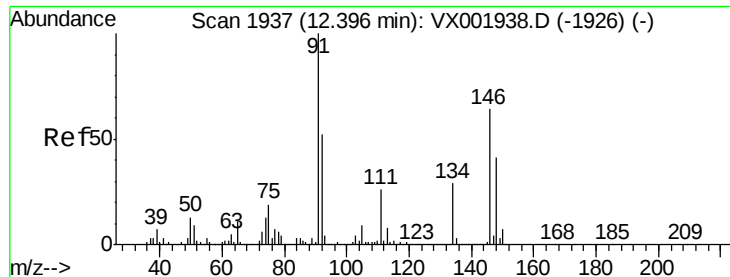
Tgt Ion: 117 Resp: 104161

Ion Ratio Lower Upper

117 100

201 95.0 48.0 144.0





#91

1,2-Dichlorobenzene

Concen: 48.91 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

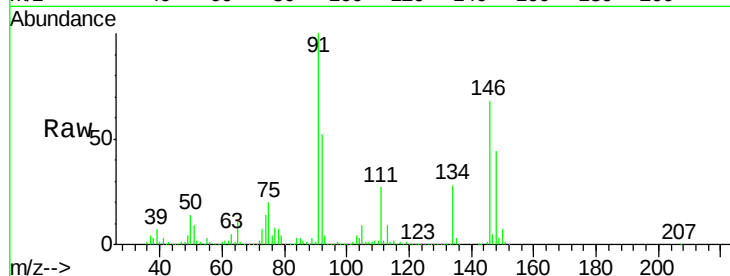
Tot Ion:146 Resp: 379665

Ion Ratio Lower Upper

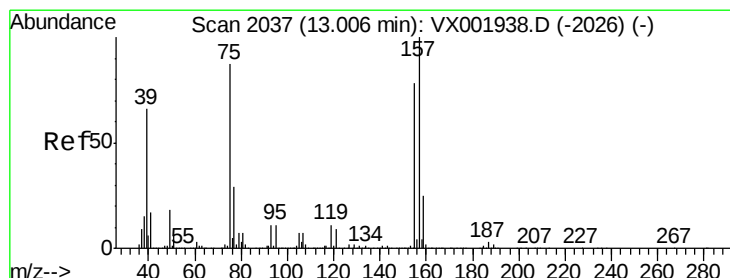
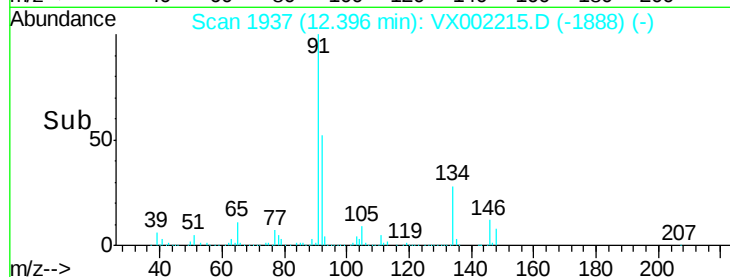
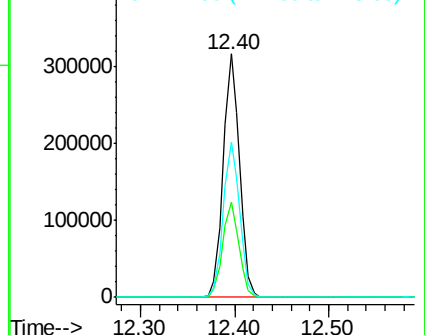
146 100

111 39.2 19.8 59.3

148 64.3 32.1 96.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 35.72 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

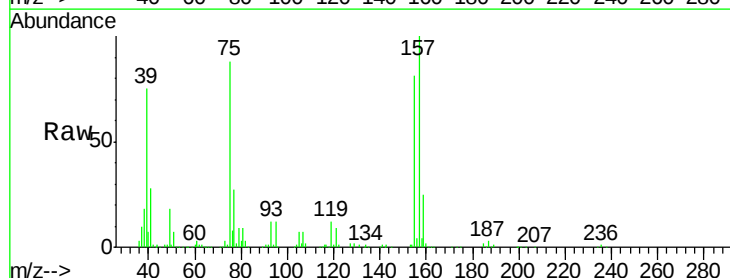
Tgt Ion: 75 Resp: 50930

Ion Ratio Lower Upper

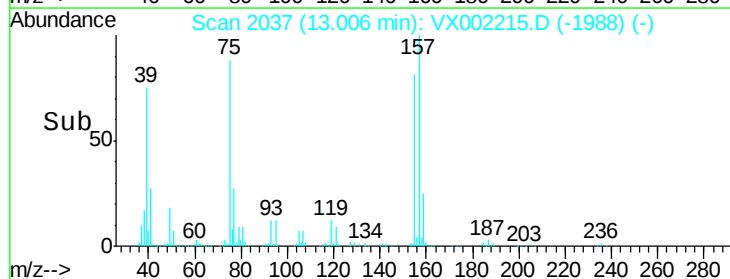
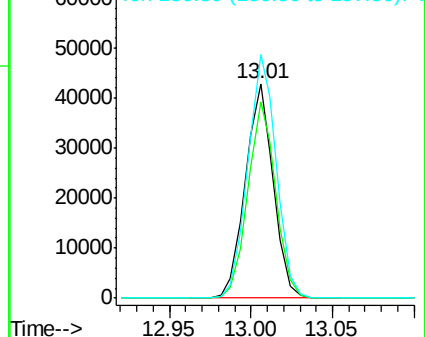
75 100

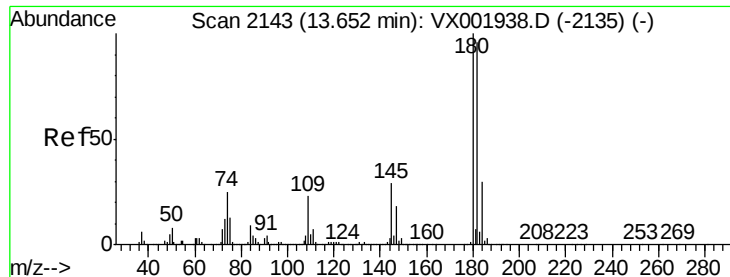
155 91.8 45.1 135.2

157 116.5 58.1 174.2



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

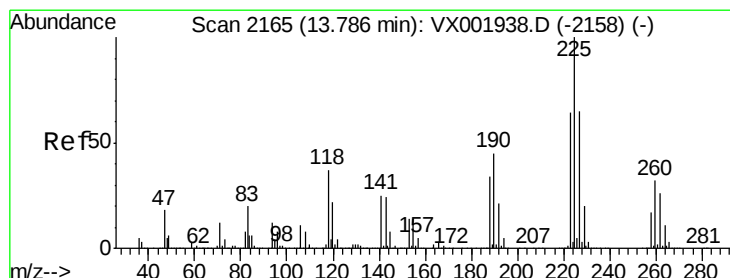
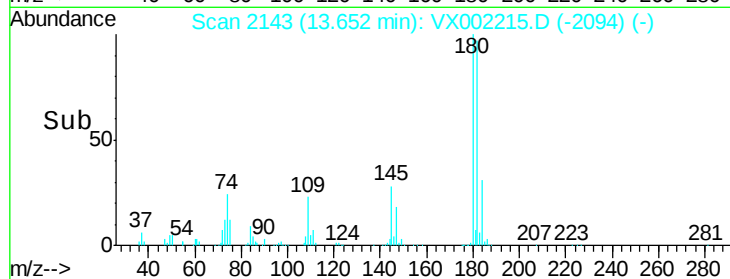
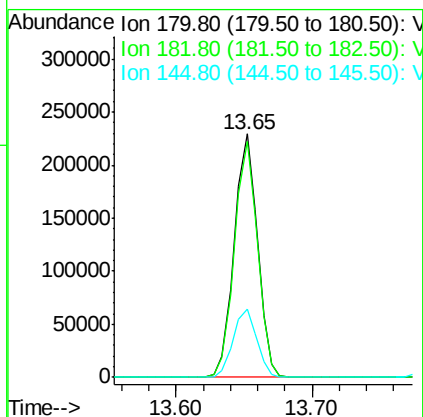
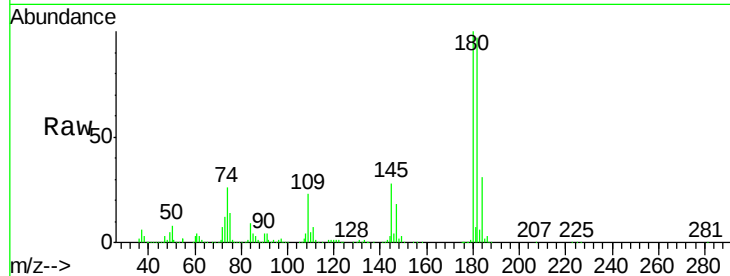




#93
 1,2,4-Trichlorobenzene
 Concen: 49.21 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

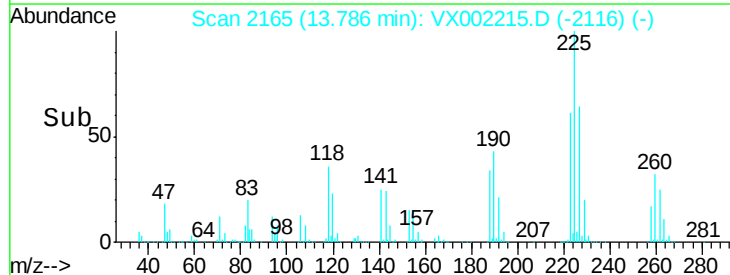
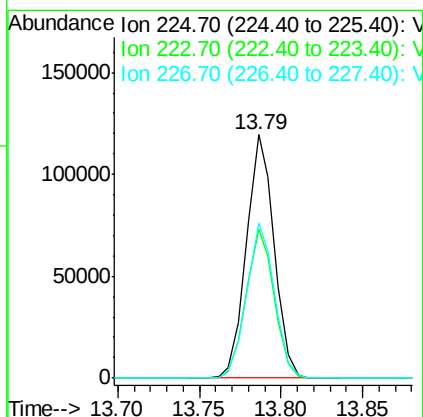
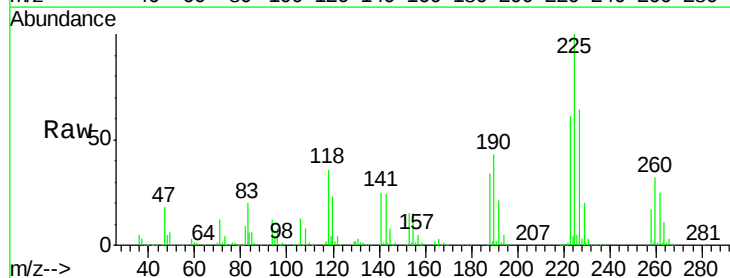
Instrument :
 MSVOA_X
 ClientSampleId :

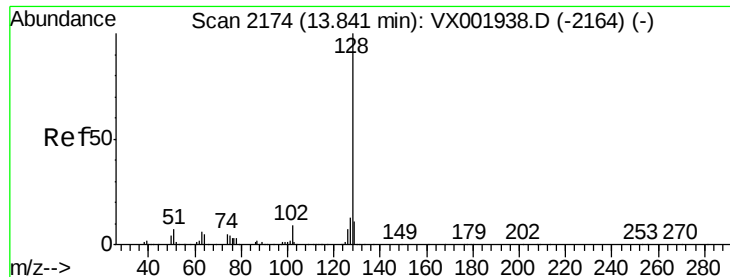
Tot Ion:180 Resp: 273175
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.7 143.1
 145 28.6 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 47.46 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Tgt Ion:225 Resp: 141701
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.1 93.5
 227 63.7 32.1 96.5





#95

Naphthalene

Concen: 45.99 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

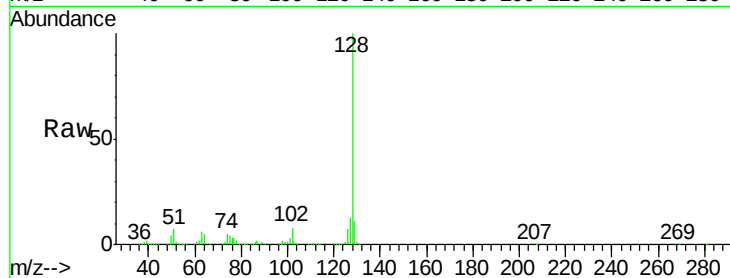
Tot Ion:128 Resp: 786441

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

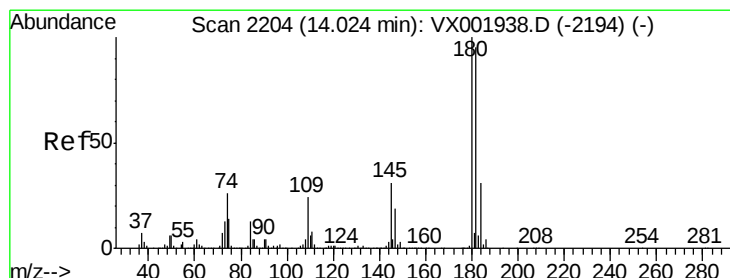
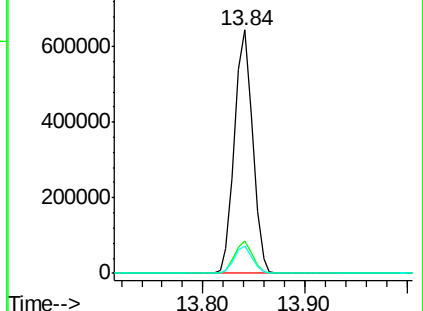
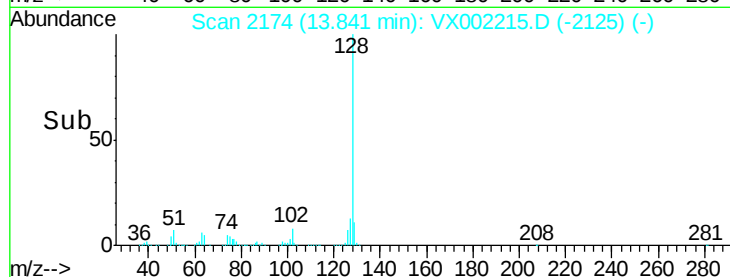
129 11.1 8.8 13.2



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: 48.85 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

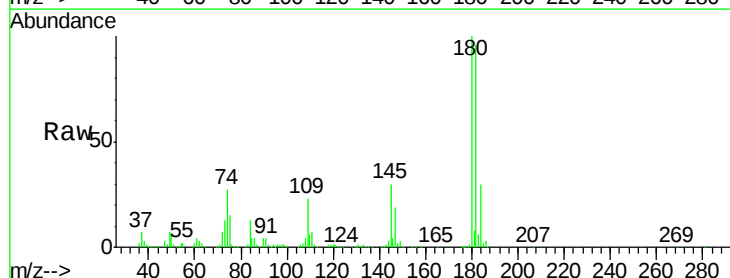
Tgt Ion:180 Resp: 280602

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.6

145 29.9 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

