

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002085.D
 Acq On : 29 May 2018 10:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 29 13:46:40 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	277223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	373018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	245559	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	195428	39.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.88%	
35) Dibromofluoromethane	5.51	113	155040	41.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.12%	
50) Toluene-d8	8.72	98	586267	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
62) 4-Bromofluorobenzene	11.14	95	237681	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	171504	49.41	ug/l	97
3) Chloromethane	1.32	50	232555	54.52	ug/l	100
4) Vinyl Chloride	1.41	62	209423	50.85	ug/l	99
5) Bromomethane	1.64	94	97047	51.22	ug/l	99
6) Chloroethane	1.72	64	131746	54.26	ug/l	99
7) Trichlorofluoromethane	1.93	101	339148	54.83	ug/l	100
8) Diethyl Ether	2.19	74	122350	54.52	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	196705	57.00	ug/l	97
10) Methyl Iodide	2.51	142	218202	46.73	ug/l	98
11) Tert butyl alcohol	3.07	59	223913	230.20	ug/l	99
12) 1,1-Dichloroethene	2.37	96	170832	52.87	ug/l	95
13) Acrolein	2.29	56	50783	120.75	ug/l	98
14) Allyl chloride	2.73	41	375091	55.30	ug/l	98
15) Acrylonitrile	3.15	53	506144	253.04	ug/l	99
16) Acetone	2.45	43	494106	258.37	ug/l	99
17) Carbon Disulfide	2.57	76	468934	50.42	ug/l	99
18) Methyl Acetate	2.78	43	266374	58.00	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	656051	53.98	ug/l	100
20) Methylene Chloride	2.86	84	193836	58.83	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	179785	57.38	ug/l	96
22) Diisopropyl ether	3.87	45	699433	50.70	ug/l	98
23) Vinyl Acetate	3.82	43	3020341	264.04	ug/l	99
24) 1,1-Dichloroethane	3.70	63	364141	55.56	ug/l	100
25) 2-Butanone	4.70	43	734447	209.53	ug/l	99
26) 2,2-Dichloropropane	4.59	77	319186	48.12	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	198802	47.18	ug/l	98
28) Bromochloromethane	5.02	49	133168	48.29	ug/l	99
29) Tetrahydrofuran	5.16	42	478485	209.82	ug/l	100
30) Chloroform	5.22	83	353472	47.87	ug/l	100
31) Cyclohexane	5.58	56	326656	47.84	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	328068	47.66	ug/l	99
36) 1,1-Dichloropropene	5.81	75	264254	50.93	ug/l	99
37) Ethyl Acetate	4.86	43	295259	43.65	ug/l	99
38) Carbon Tetrachloride	5.79	117	298134	49.27	ug/l	98

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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)
39) Methylcyclohexane	7.46	83	339783	53.30	ug/l	98
40) Benzene	6.15	78	774500	50.95	ug/l	100
41) Methacrylonitrile	5.06	41	169890	47.53	ug/l	99
42) 1,2-Dichloroethane	6.20	62	296547	48.84	ug/l	100
43) Isopropyl Acetate	6.46	43	531542	47.16	ug/l	99
44) Trichloroethene	7.21	130	229166	51.74	ug/l	99
45) 1,2-Dichloropropane	7.52	63	213333	51.68	ug/l	99
46) Dibromomethane	7.67	93	138354	50.62	ug/l	99
47) Bromodichloromethane	7.90	83	286207	49.11	ug/l	98
48) Methyl methacrylate	7.78	41	269297	46.95	ug/l	99
49) 1,4-Dioxane	7.76	88	86895	859.62	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1602688	235.89	ug/l	100
52) Toluene	8.79	92	506228	52.33	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	340246	50.69	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	334559	51.15	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	204344	50.56	ug/l	99
56) Ethyl methacrylate	9.18	69	334924	48.18	ug/l	98
57) 1,3-Dichloropropane	9.38	76	340712	51.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	680770	220.96	ug/l	100
59) 2-Hexanone	9.50	43	1242366	237.15	ug/l	98
60) Dibromochloromethane	9.59	129	240424	50.23	ug/l	99
61) 1,2-Dibromoethane	9.68	107	213684	50.39	ug/l	100
64) Tetrachloroethene	9.34	164	269445	54.32	ug/l	100
65) Chlorobenzene	10.14	112	571760	52.17	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	223901	50.59	ug/l	100
67) Ethyl Benzene	10.26	91	1013191	53.20	ug/l	100
68) m/p-Xylenes	10.37	106	783821	107.67	ug/l	98
69) o-Xylene	10.70	106	383219	52.72	ug/l	100
70) Styrene	10.72	104	642541	53.30	ug/l	100
71) Bromoform	10.86	173	200764	47.84	ug/l #	99
73) Isopropylbenzene	11.02	105	1050795	50.53	ug/l	99
74) N-amyl acetate	6.46	43	531542	49.23	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	283706	49.88	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	383297	64.99	ug/l	81
77) Bromobenzene	11.26	156	274261	49.71	ug/l	98
78) n-propylbenzene	11.37	91	1219170	52.35	ug/l	99
79) 2-Chlorotoluene	11.43	91	711536	55.97	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	911168	51.27	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	108462	44.20	ug/l	95
82) 4-Chlorotoluene	11.51	91	843115	51.33	ug/l	100
83) tert-Butylbenzene	11.77	119	871593	49.98	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	925141	50.38	ug/l	100
85) sec-Butylbenzene	11.95	105	1097805	52.37	ug/l	99
86) p-Isopropyltoluene	12.07	119	997480	53.18	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	509829	51.60	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	517204	52.36	ug/l	99
89) n-Butylbenzene	12.39	91	885053	55.68	ug/l	100
90) Hexachloroethane	12.60	117	179686	48.56	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	511954	50.86	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	78615	42.52	ug/l	98

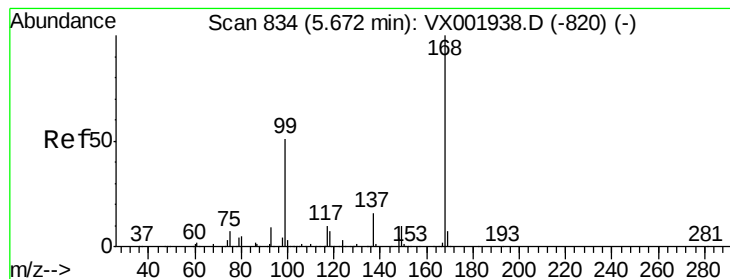
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	387541	53.84	ug/l	99
94) Hexachlorobutadiene	13.79	225	210595	54.39	ug/l	100
95) Naphthalene	13.84	128	1083007	48.83	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	392652	52.72	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

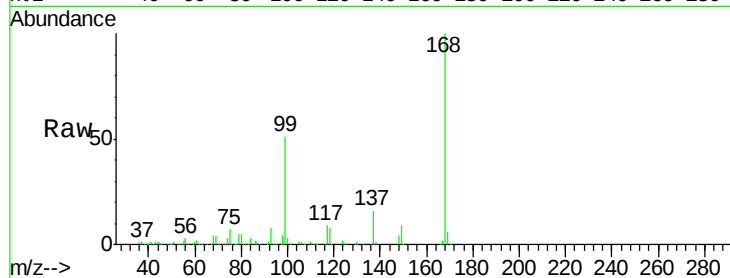
VSTDCCC050

Tot Ion:168 Resp: 277223

Ion Ratio Lower Upper

168 100

99 50.3 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

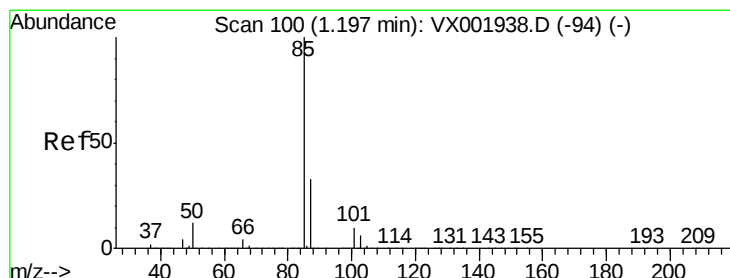
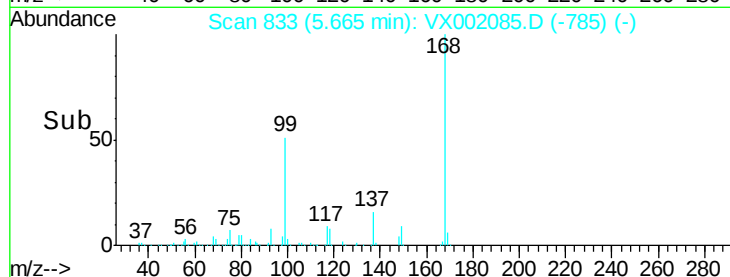
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.41 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002085.D

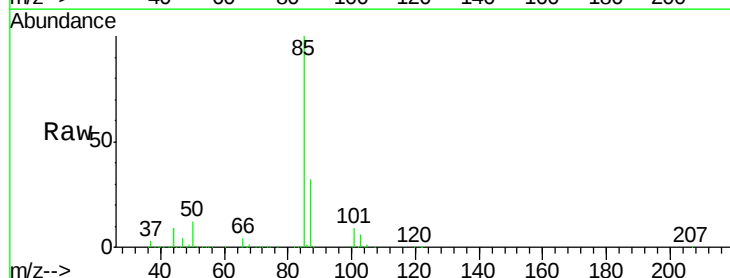
Acq: 29 May 2018 10:24

Tgt Ion: 85 Resp: 171504

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

1.20

200000

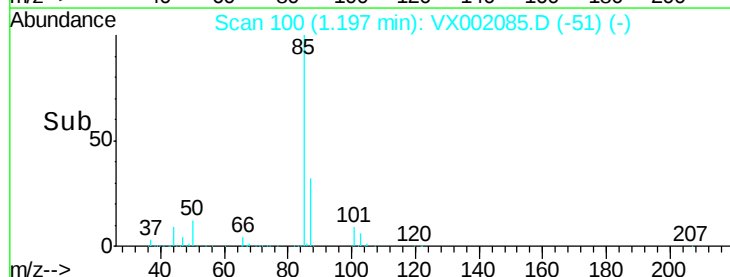
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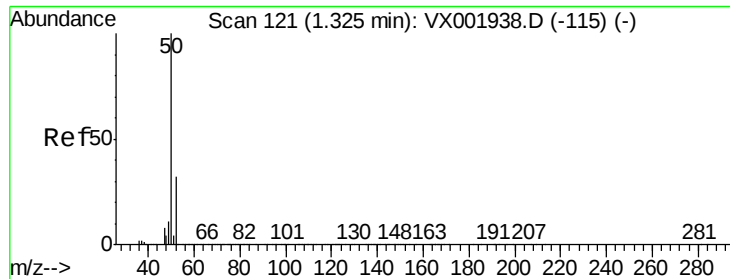
100000

50000

0

Time-->





#3

Chloromethane

Concen: 54.52 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

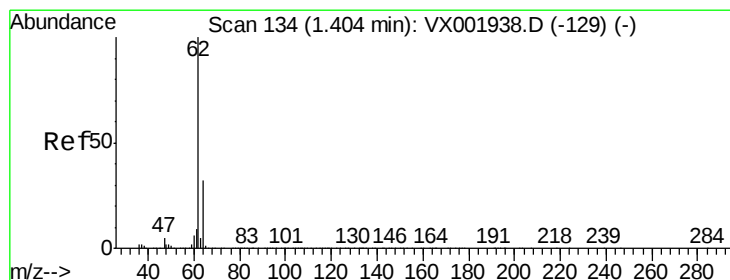
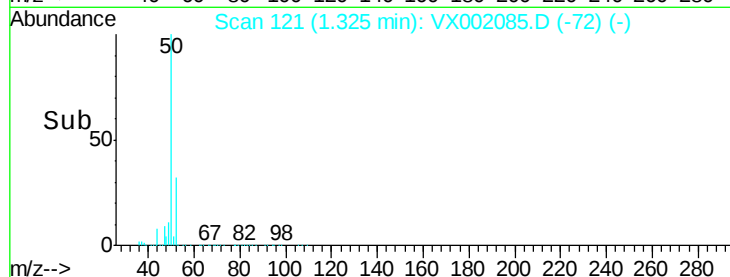
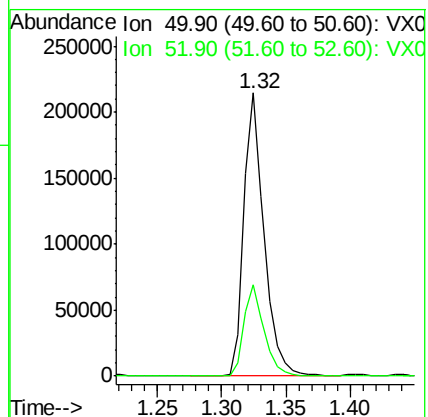
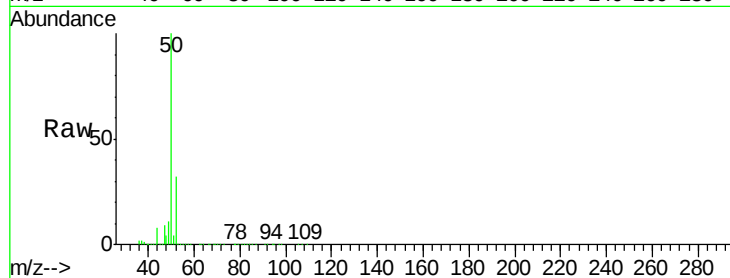
VSTDCCC050

Tot Ion: 50 Resp: 232555

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 50.85 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002085.D

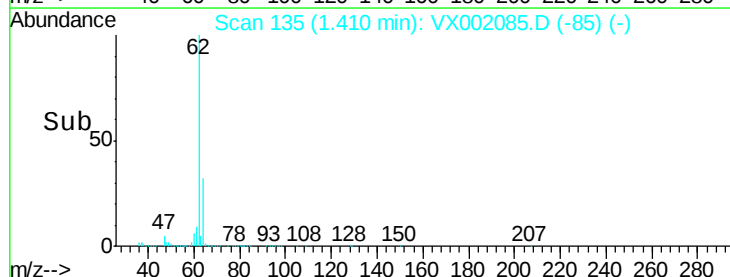
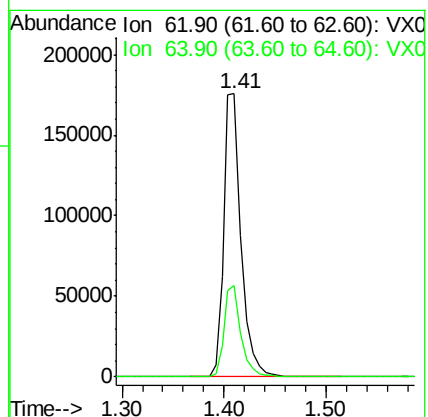
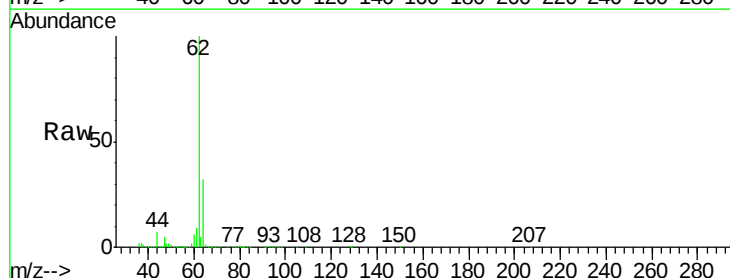
Acq: 29 May 2018 10:24

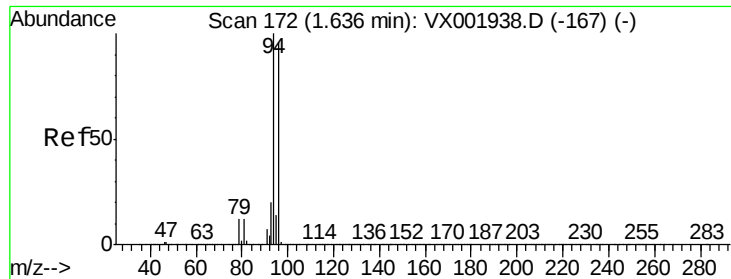
Tgt Ion: 62 Resp: 209423

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0





#5

Bromomethane

Concen: 51.22 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

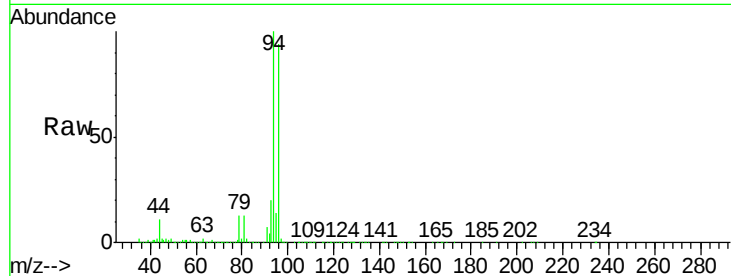
VSTDCCC050

Tot Ion: 94 Resp: 97047

Ion Ratio Lower Upper

94 100

96 94.2 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

60000

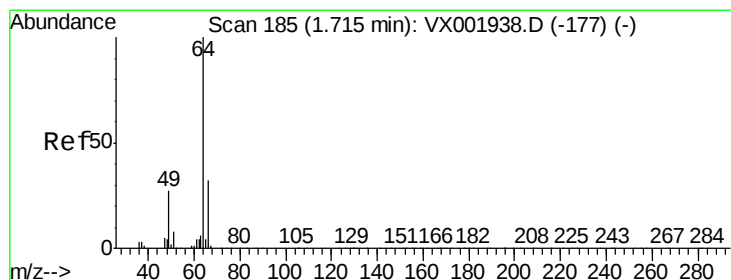
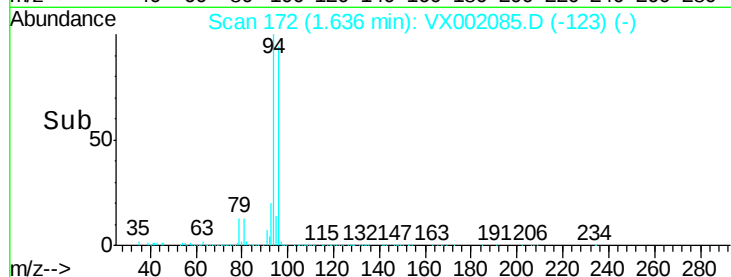
40000

20000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 54.26 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002085.D

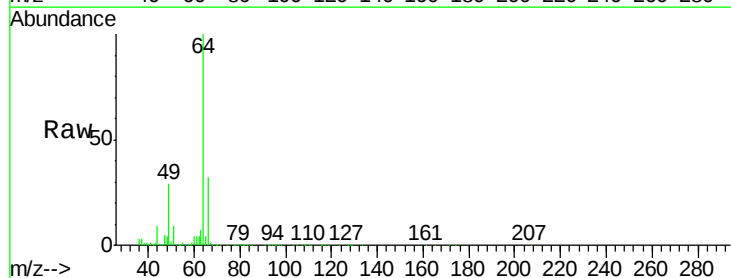
Acq: 29 May 2018 10:24

Tgt Ion: 64 Resp: 131746

Ion Ratio Lower Upper

64 100

66 31.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

100000

80000

60000

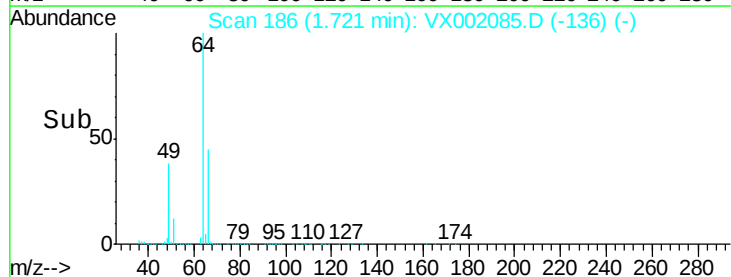
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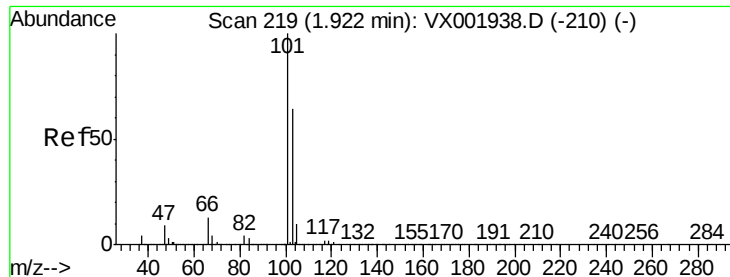
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0

Time-->

1.65 1.70 1.75 1.80 1.85



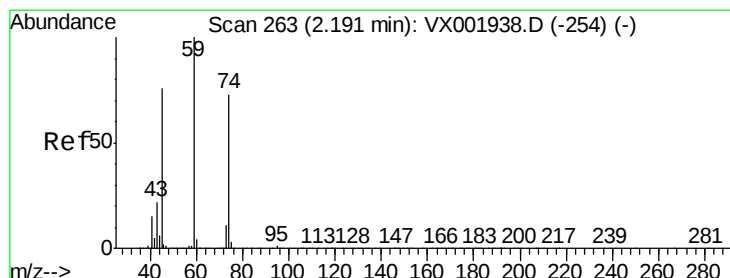
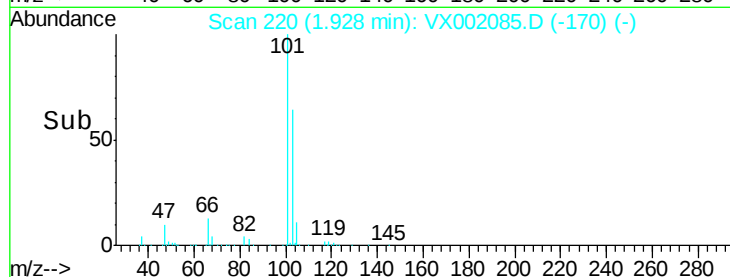
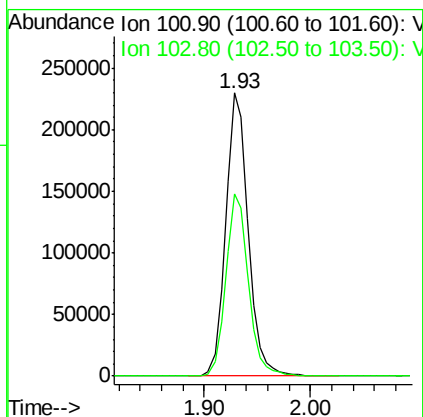
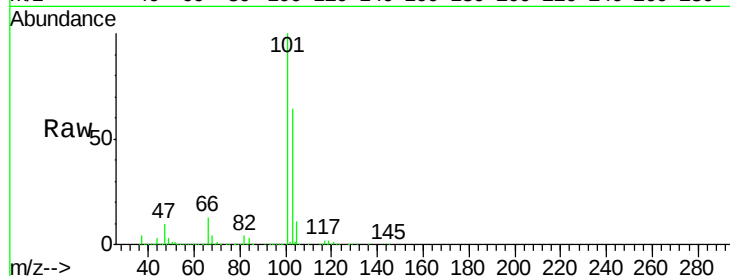


#7

Trichlorofluoromethane
Concen: 54.83 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

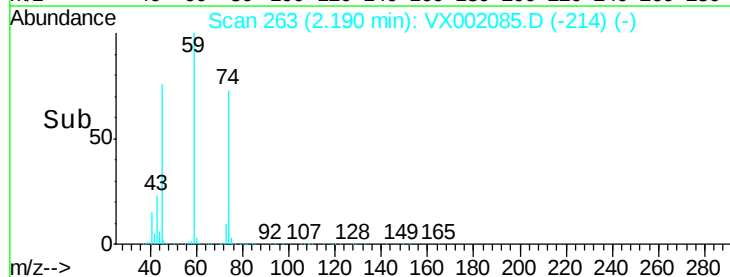
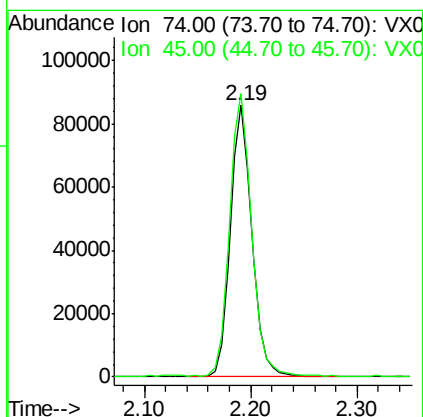
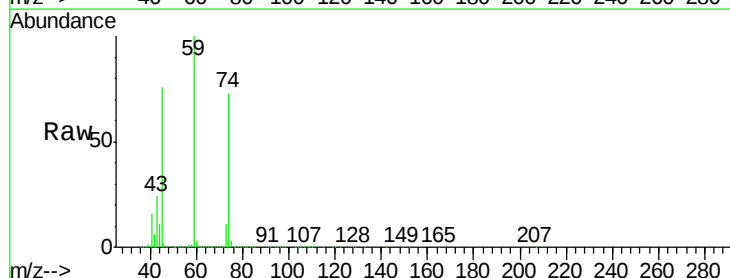
Tot Ion:101 Resp: 339148
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0

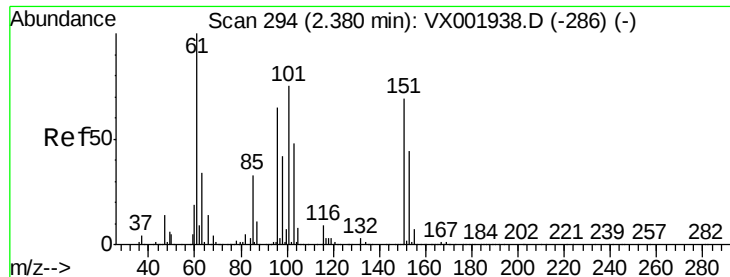


#8

Diethyl Ether
Concen: 54.52 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

Tgt Ion: 74 Resp: 122350
Ion Ratio Lower Upper
74 100
45 105.6 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.00 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

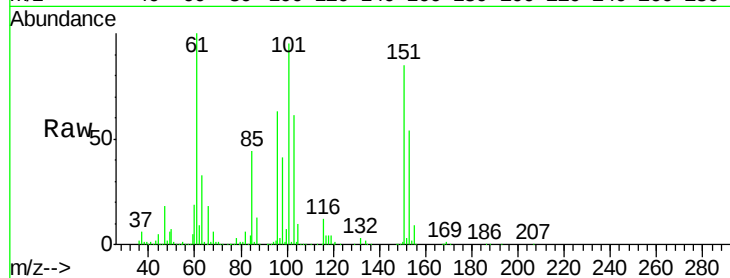
Tot Ion:101 Resp: 196705

Ion Ratio Lower Upper

101 100

85 45.2 35.6 53.4

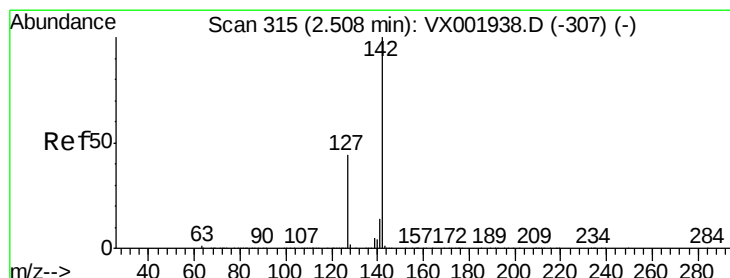
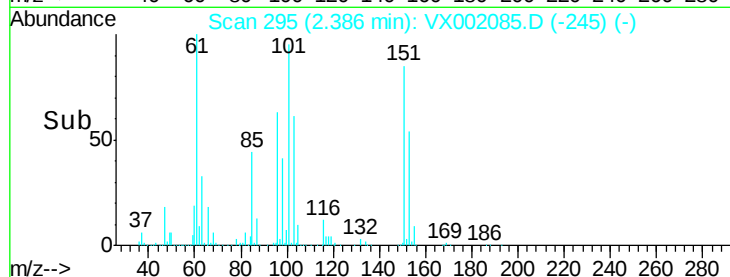
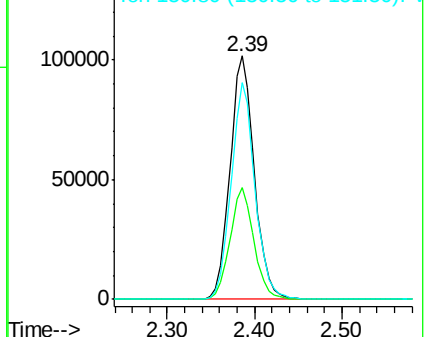
151 87.4 73.2 109.8



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: 46.73 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

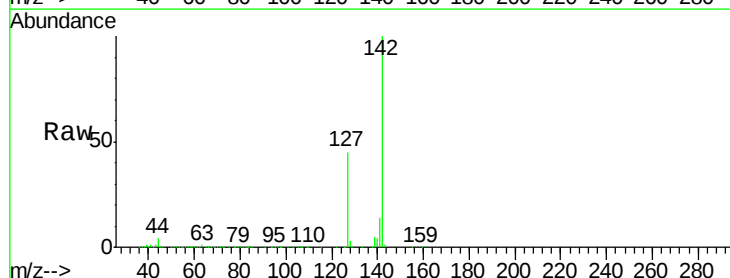
Tgt Ion:142 Resp: 218202

Ion Ratio Lower Upper

142 100

127 46.0 35.5 53.3

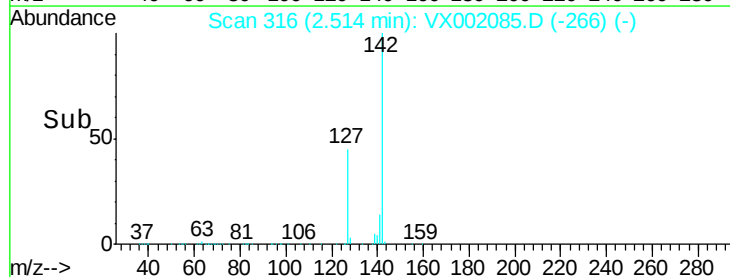
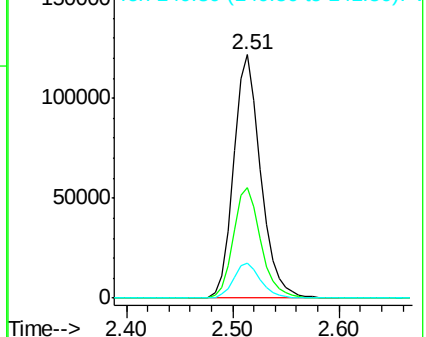
141 14.5 11.3 16.9

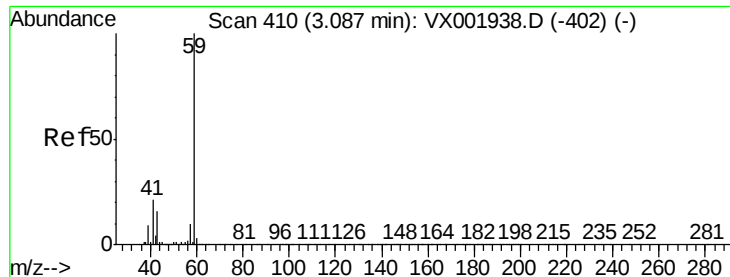


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



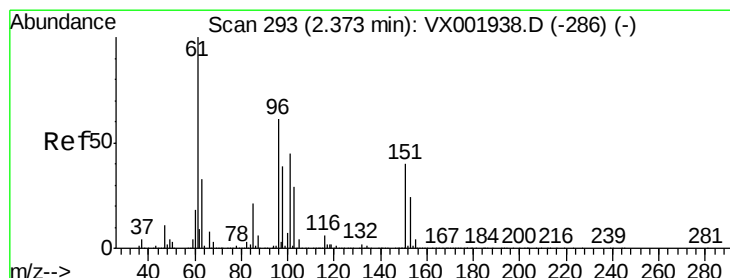
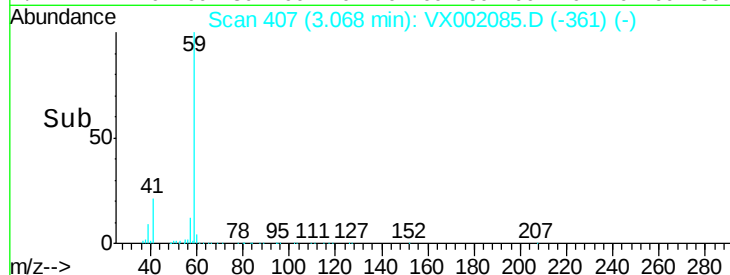
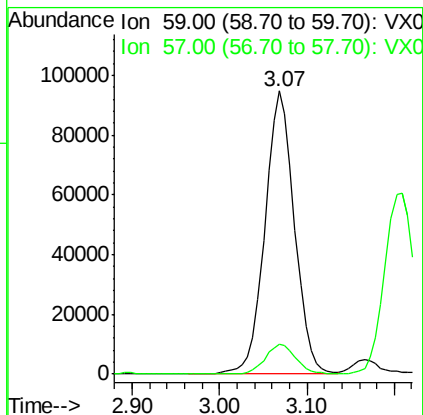
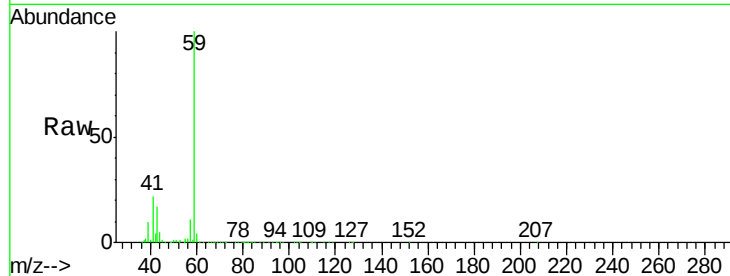


#11

Tert butyl alcohol
 Concen: 230.20 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.02 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

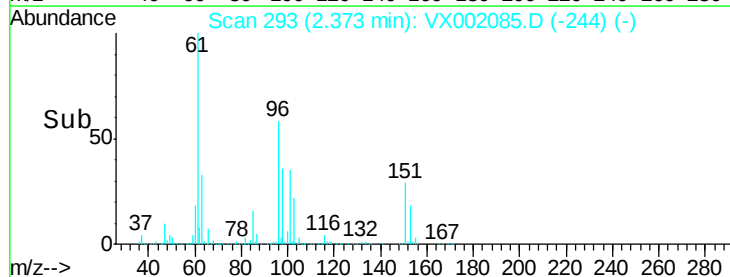
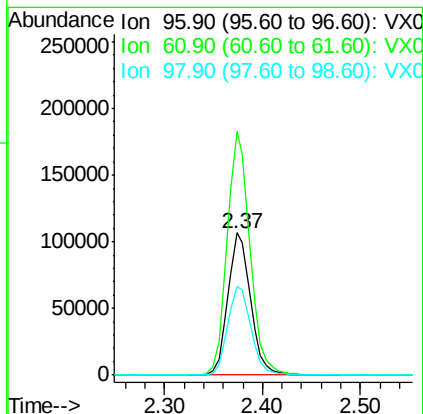
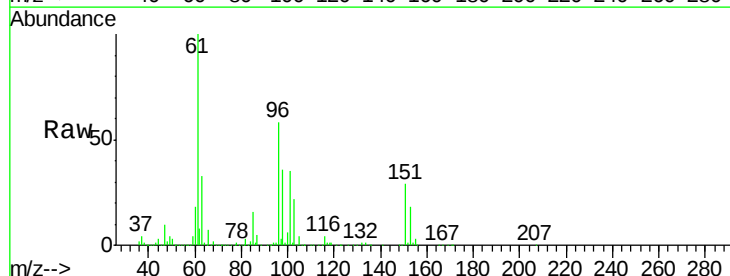
Tot Ion: 59 Resp: 223913
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.9 13.3

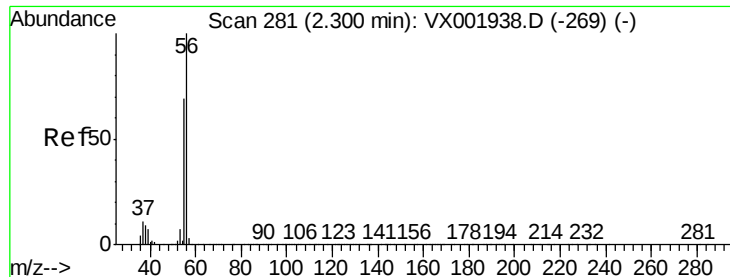


#12

1,1-Dichloroethene
 Concen: 52.87 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

Tgt Ion: 96 Resp: 170832
 Ion Ratio Lower Upper
 96 100
 61 171.7 131.7 197.5
 98 62.3 51.6 77.4





#13

Acrolein

Concen: 120.75 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

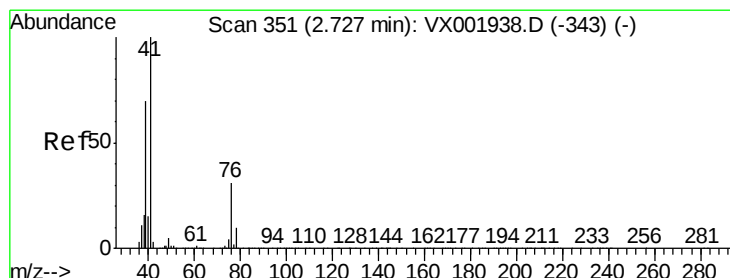
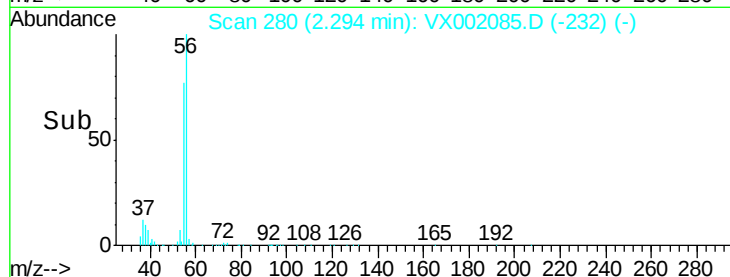
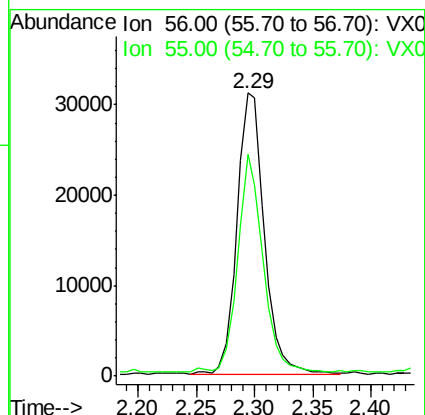
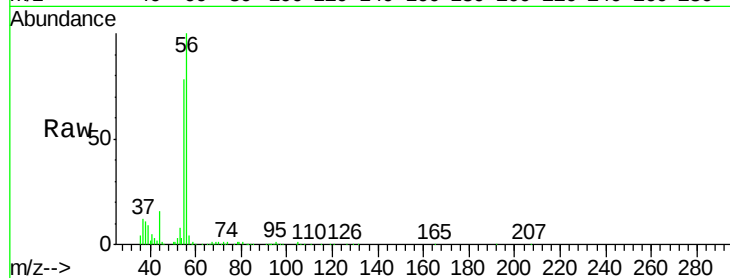
VSTDCCC050

Tot Ion: 56 Resp: 50783

Ion Ratio Lower Upper

56 100

55 72.5 56.8 85.2



#14

Allyl chloride

Concen: 55.30 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

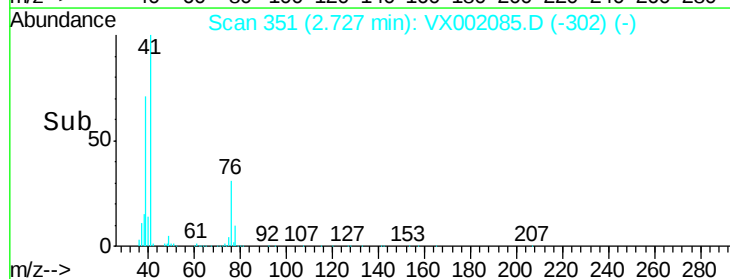
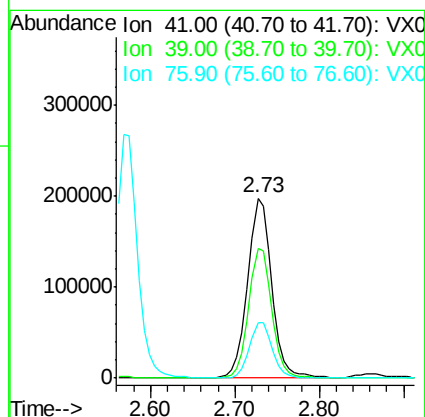
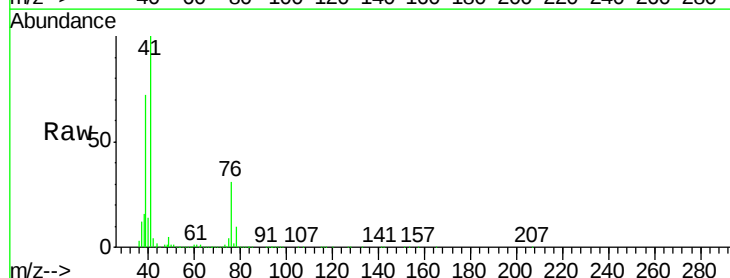
Tgt Ion: 41 Resp: 375091

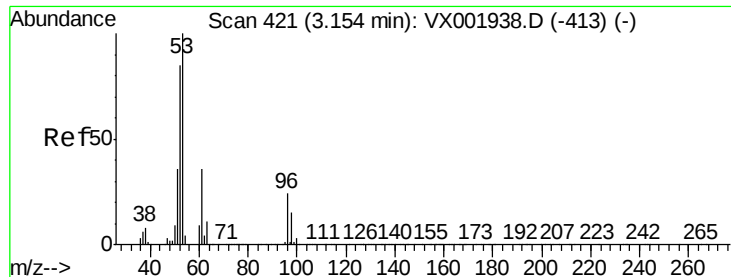
Ion Ratio Lower Upper

41 100

39 69.2 54.3 81.5

76 29.6 24.2 36.4





#15

Acrylonitrile

Concen: 253.04 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

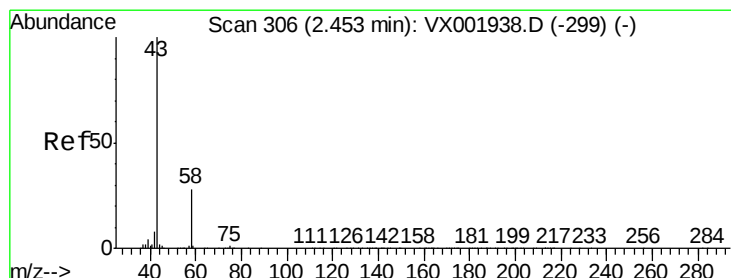
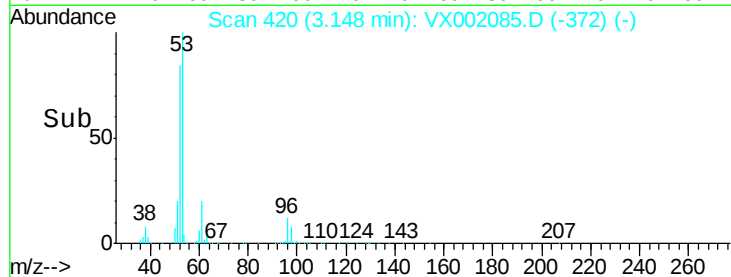
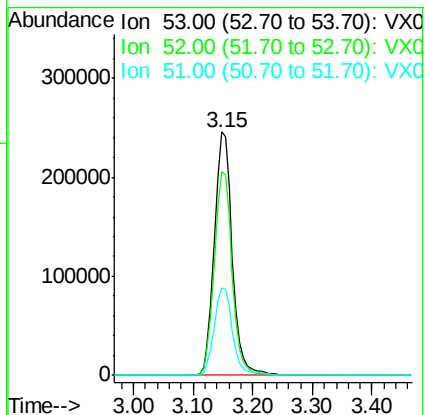
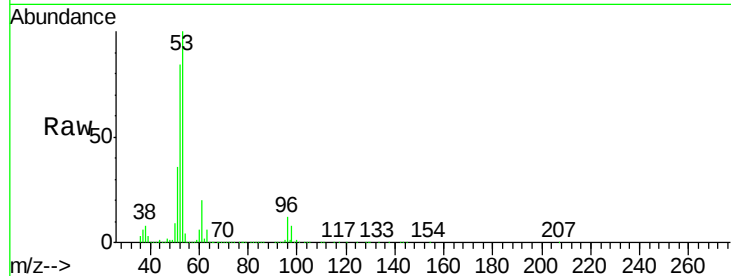
Tot Ion: 53 Resp: 506144

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

51 37.3 29.3 43.9



#16

Acetone

Concen: 258.37 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002085.D

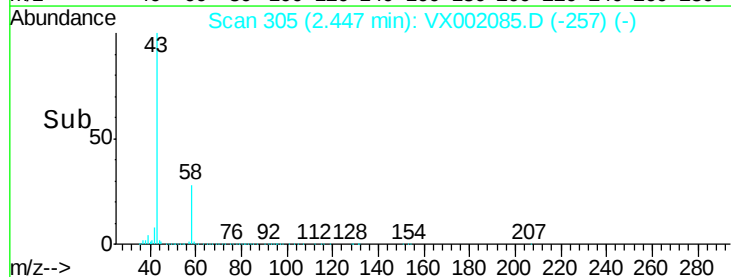
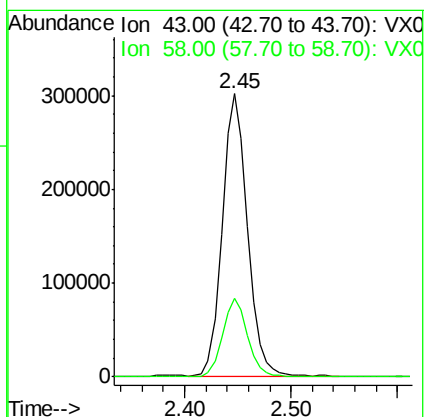
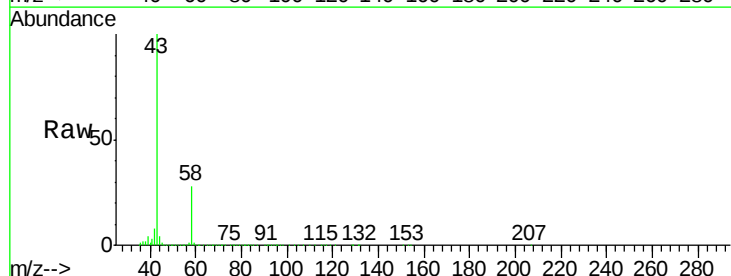
Acq: 29 May 2018 10:24

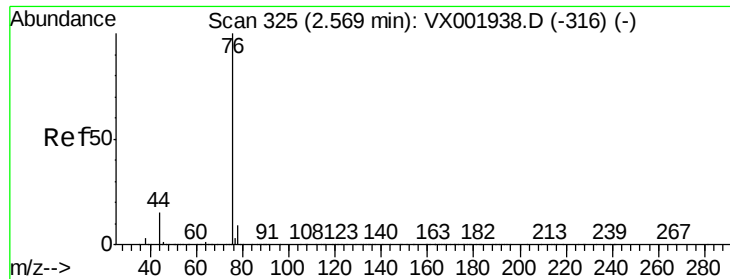
Tgt Ion: 43 Resp: 494106

Ion Ratio Lower Upper

43 100

58 27.6 22.3 33.5

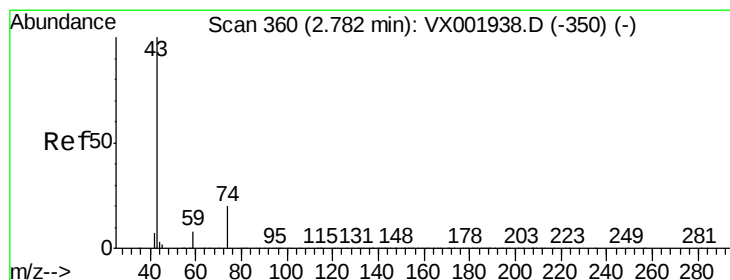
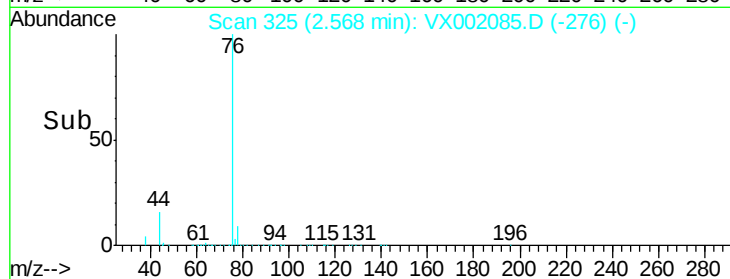
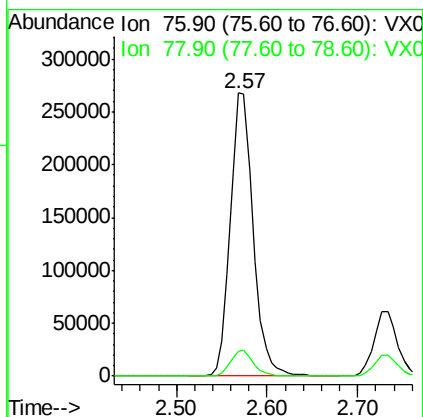
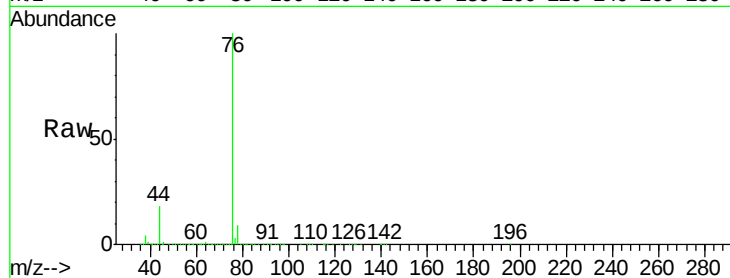




#17
Carbon Disulfide
Concen: 50.42 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

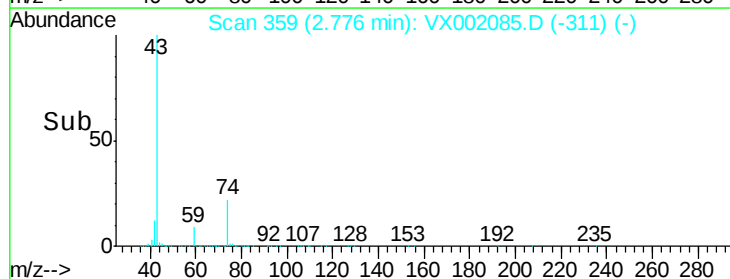
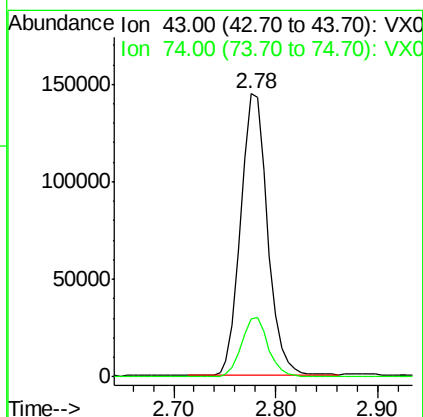
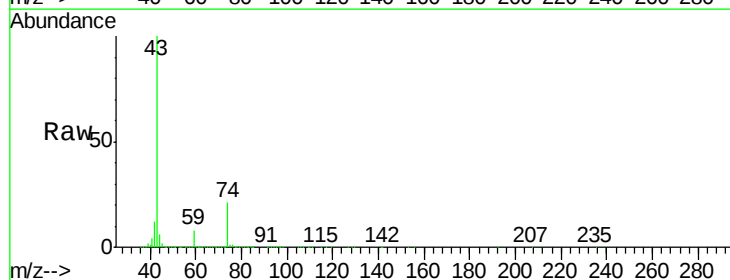
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

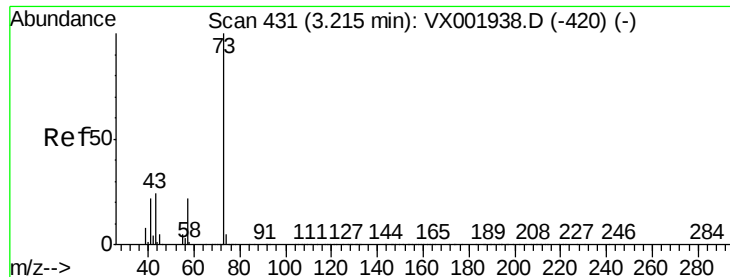
Tot Ion: 76 Resp: 468934
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 58.00 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

Tgt Ion: 43 Resp: 266374
Ion Ratio Lower Upper
43 100
74 21.3 16.8 25.2

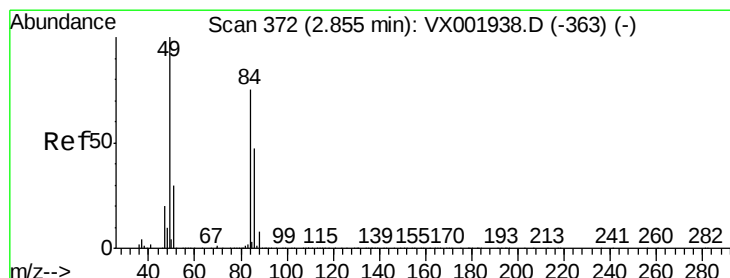
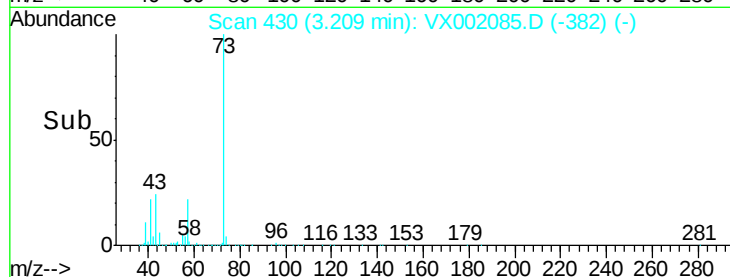
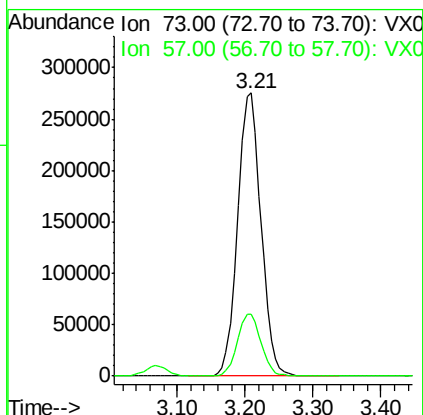
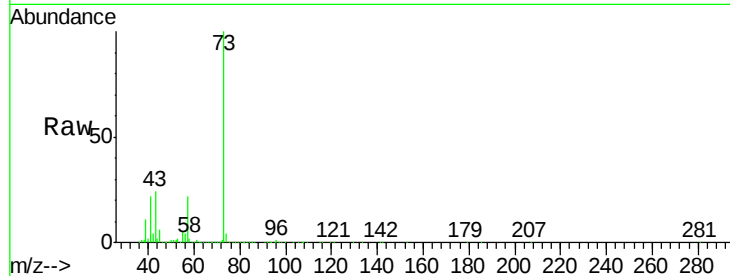




#19
Methyl tert-butyl Ether
Concen: 53.98 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

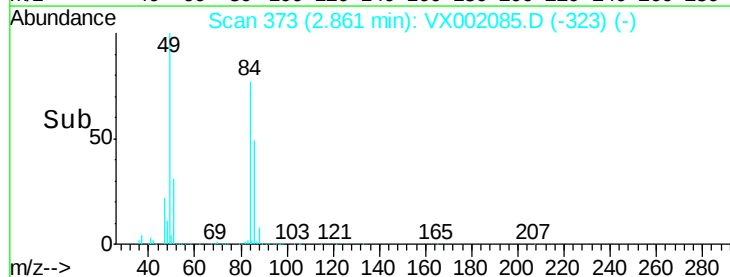
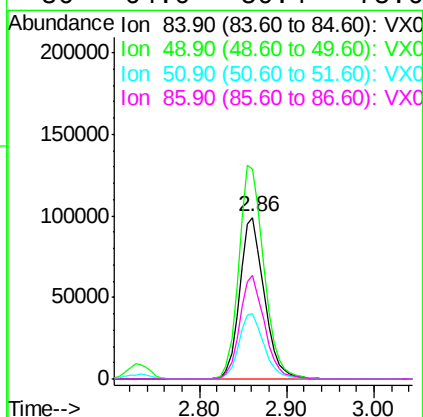
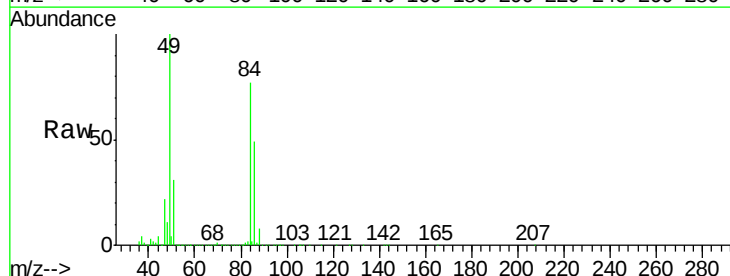
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

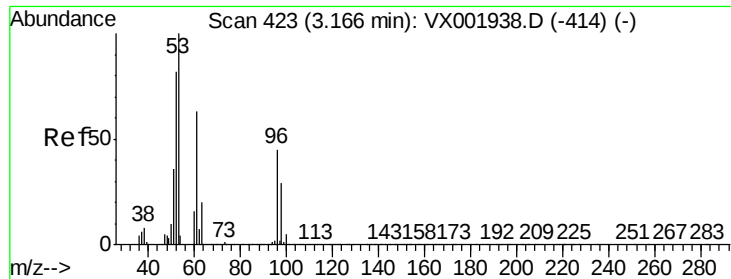
Tot Ion: 73 Resp: 656051
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0



#20
Methylene Chloride
Concen: 58.83 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

Tgt Ion: 84 Resp: 193836
Ion Ratio Lower Upper
84 100
49 129.9 107.2 160.8
51 40.5 32.4 48.6
86 64.0 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 57.38 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

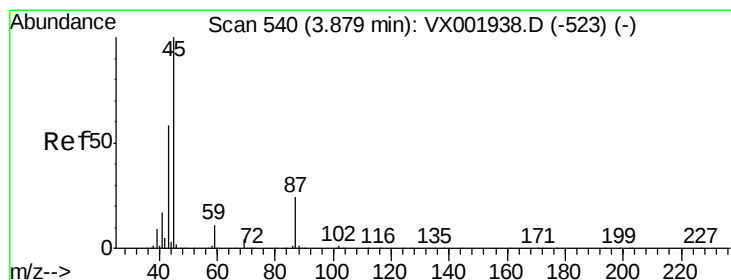
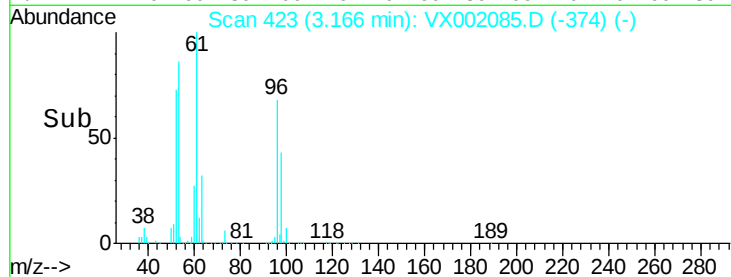
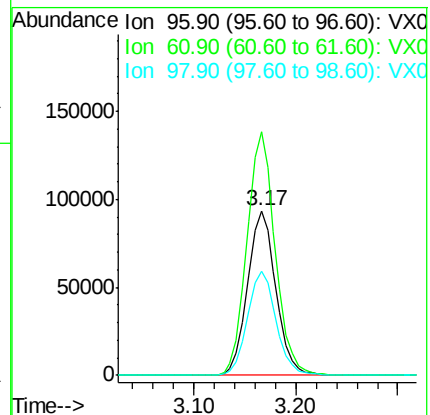
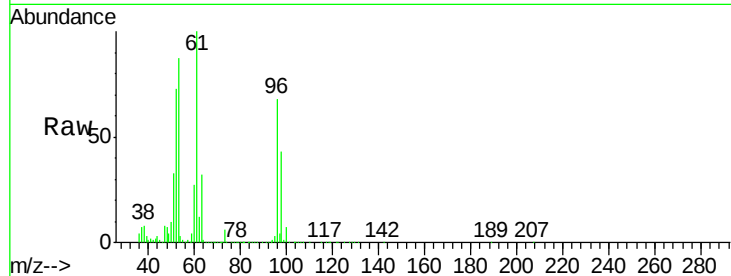
Tot Ion: 96 Resp: 179785

Ion Ratio Lower Upper

96 100

61 147.8 113.3 169.9

98 63.1 51.7 77.5



#22

Diisopropyl ether

Concen: 50.70 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Tgt Ion: 45 Resp: 699433

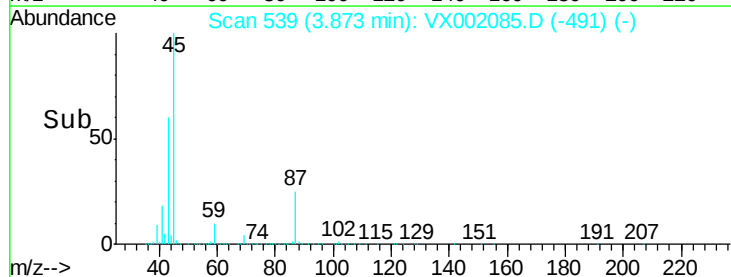
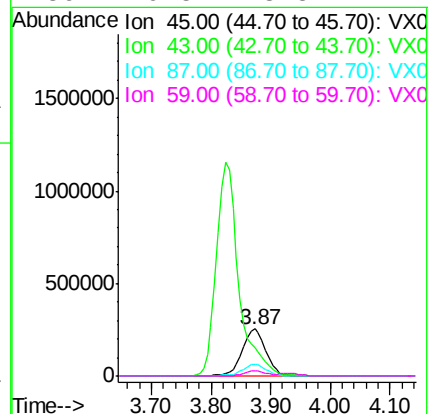
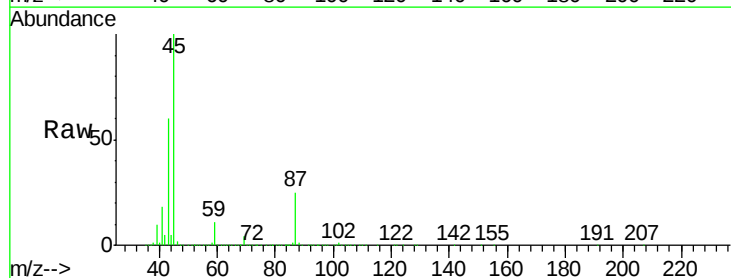
Ion Ratio Lower Upper

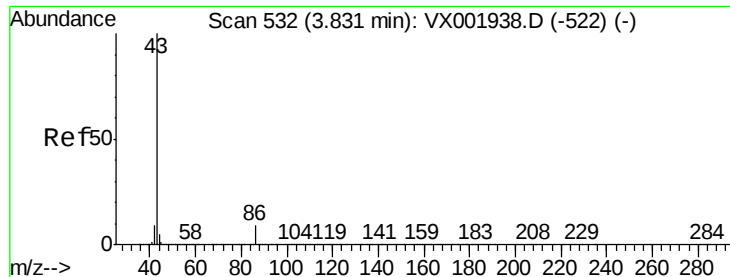
45 100

43 59.9 47.0 70.6

87 25.3 19.4 29.0

59 10.5 8.5 12.7





#23

Vinyl Acetate

Concen: 264.04 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampled :

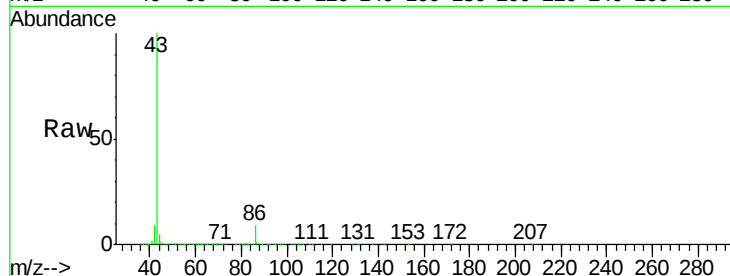
VSTDCCC050

Tot Ion: 43 Resp: 3020341

Ion Ratio Lower Upper

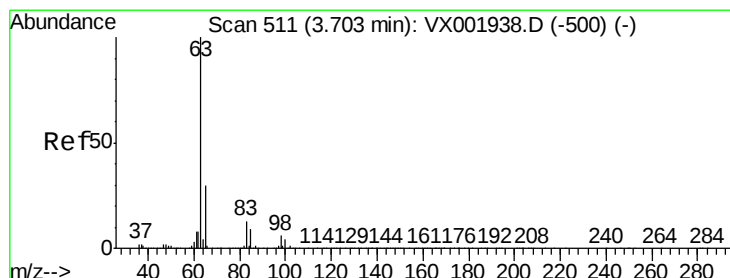
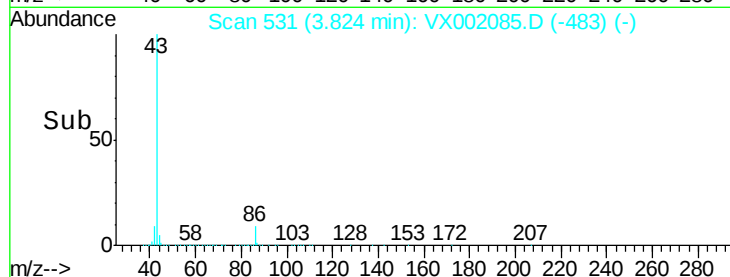
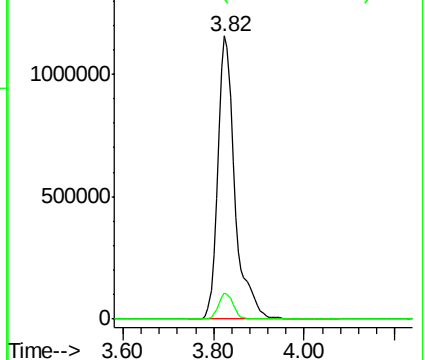
43 100

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



#24

1,1-Dichloroethane

Concen: 55.56 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

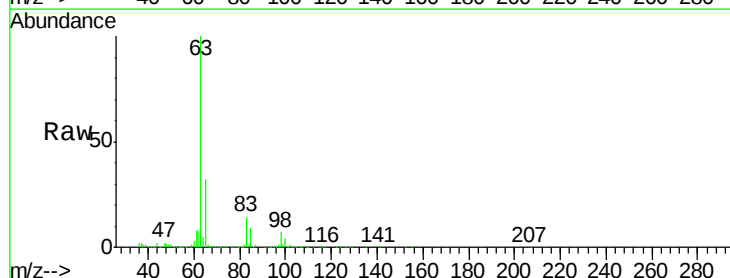
Tgt Ion: 63 Resp: 364141

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

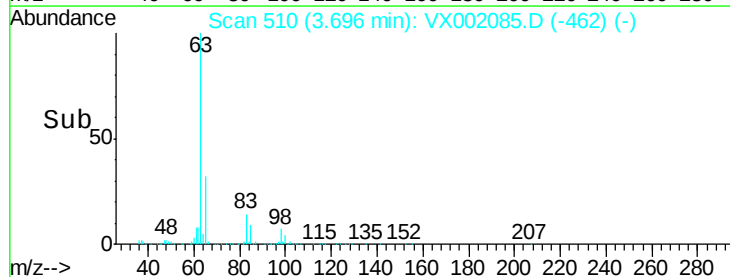
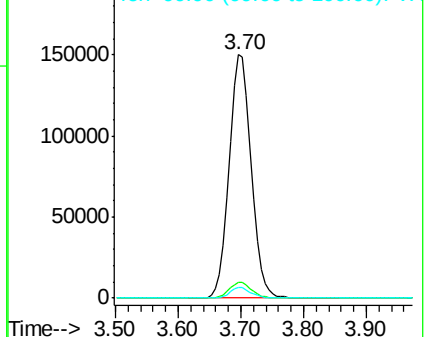
100 4.3 2.1 6.5

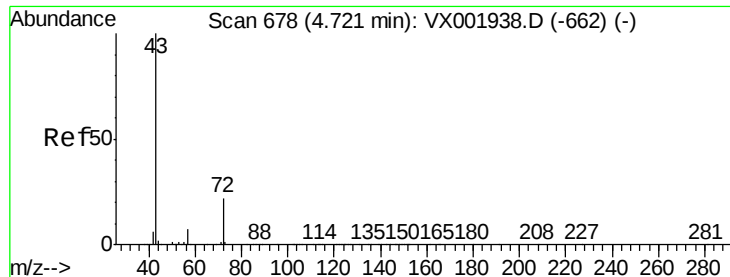


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 209.53 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.02 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

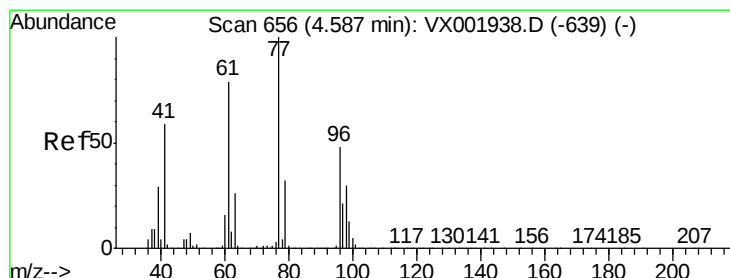
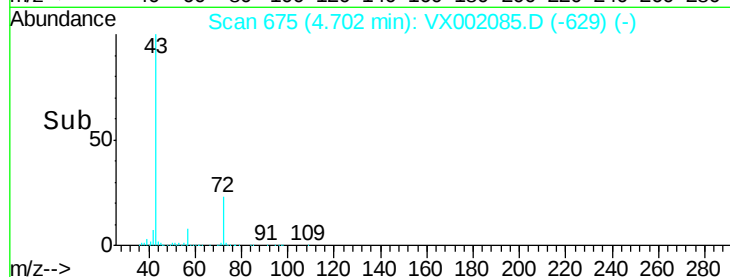
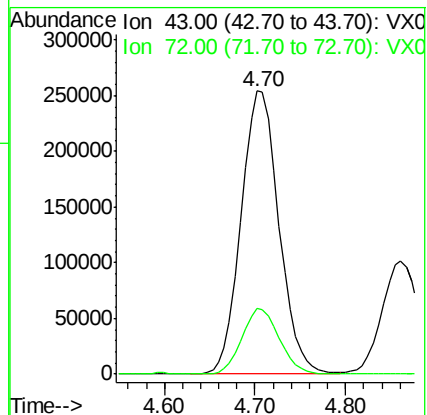
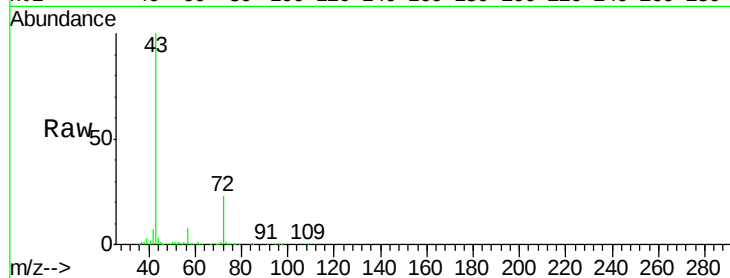
VSTDCCC050

Tot Ion: 43 Resp: 734447

Ion Ratio Lower Upper

43 100

72 22.9 17.9 26.9



#26

2,2-Dichloropropane

Concen: 48.12 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002085.D

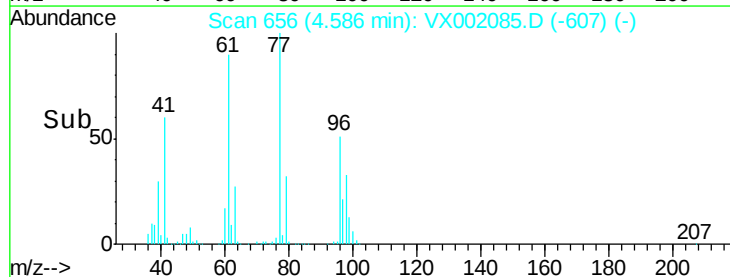
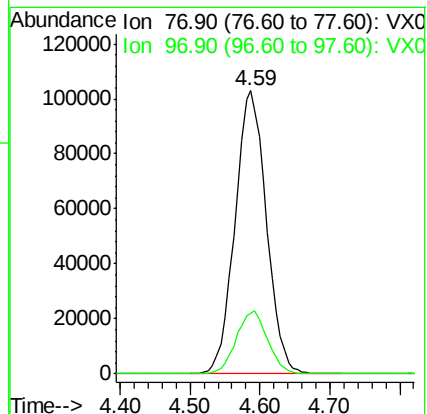
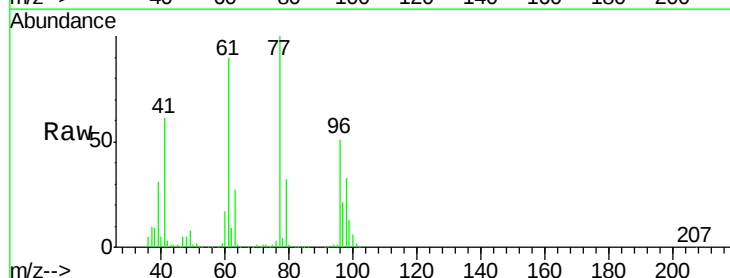
Acq: 29 May 2018 10:24

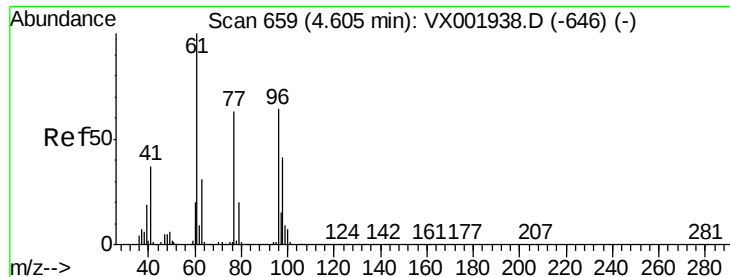
Tgt Ion: 77 Resp: 319186

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.5



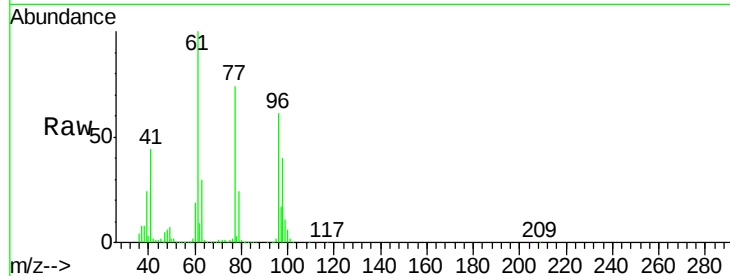


#27

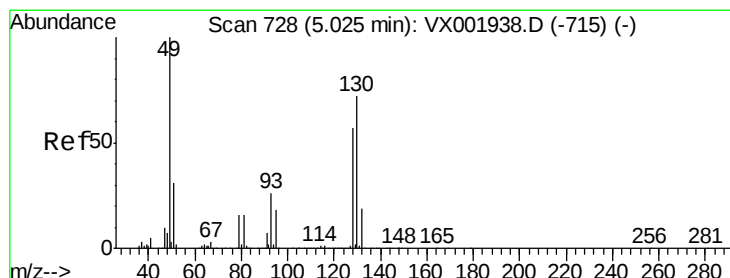
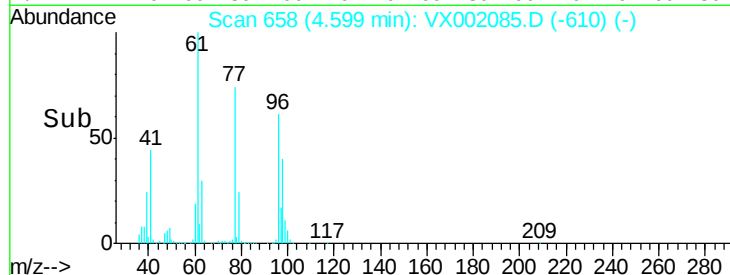
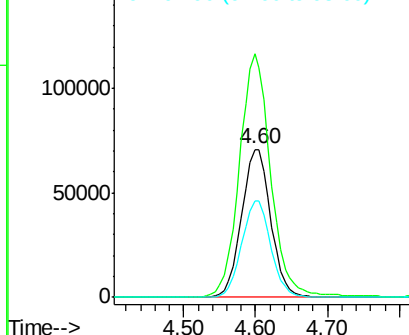
cis-1,2-Dichloroethene
 Concen: 47.18 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	176.9	0.0	348.4
98	65.1	0.0	128.6



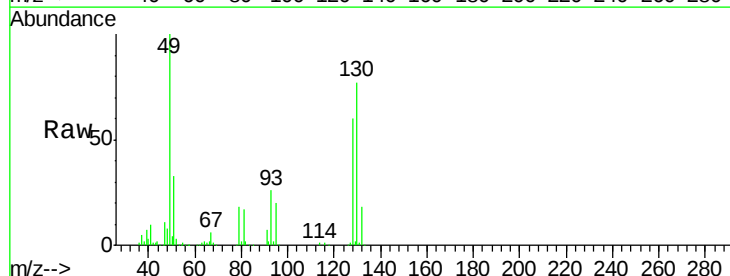
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



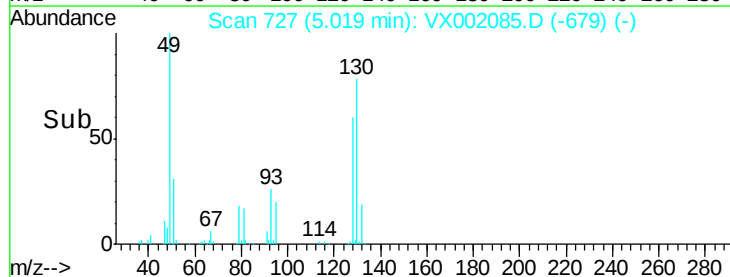
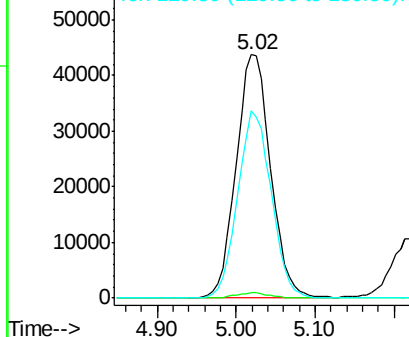
#28

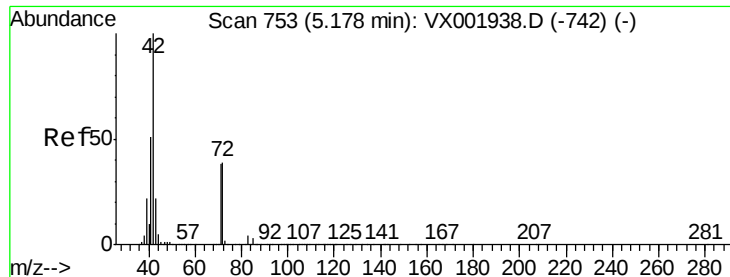
Bromochloromethane
 Concen: 48.29 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	74.8	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: 209.82 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

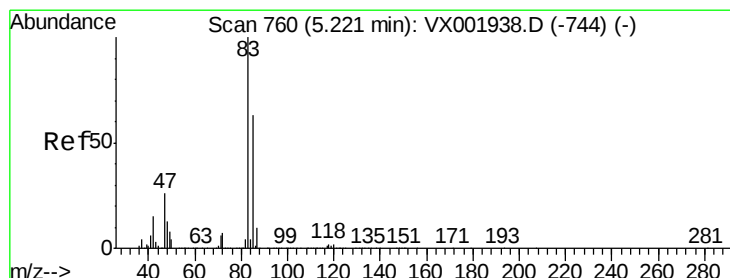
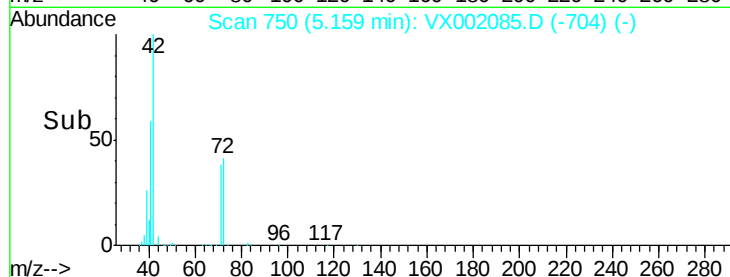
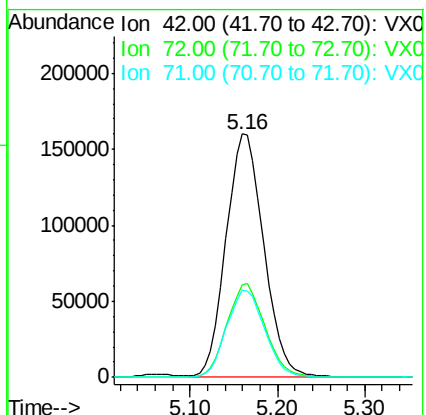
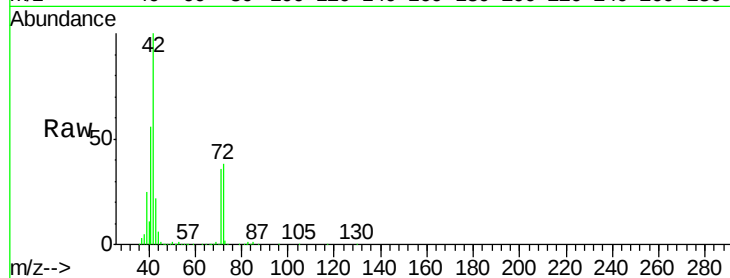
Tot Ion: 42 Resp: 478485

Ion Ratio Lower Upper

42 100

72 39.1 31.4 47.0

71 36.6 29.5 44.3



#30

Chloroform

Concen: 47.87 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002085.D

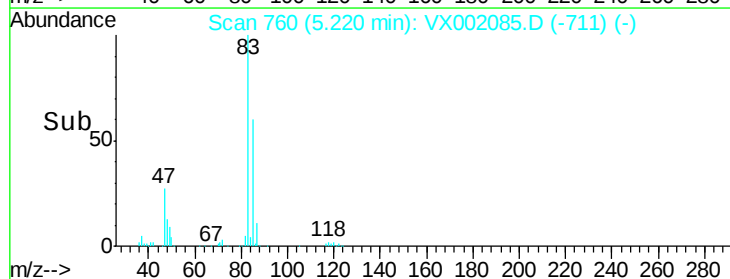
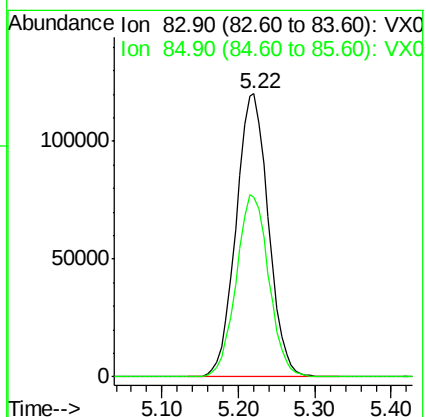
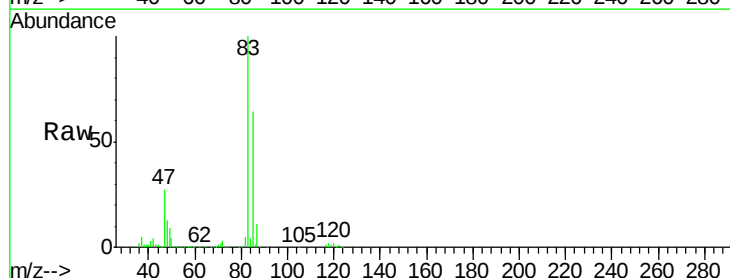
Acq: 29 May 2018 10:24

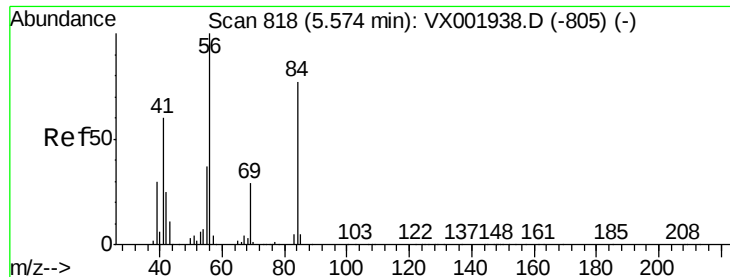
Tgt Ion: 83 Resp: 353472

Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3

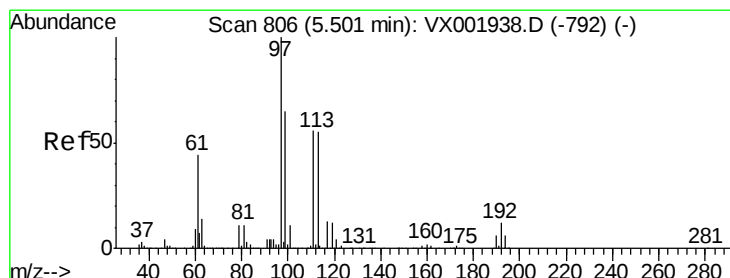
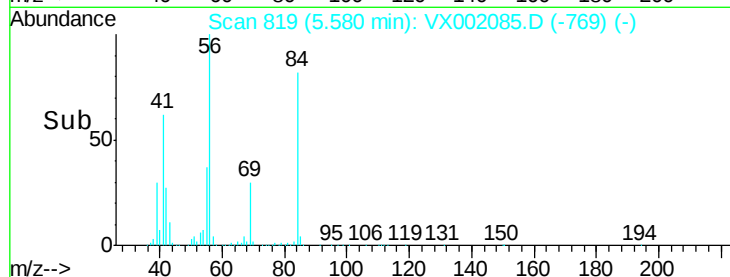
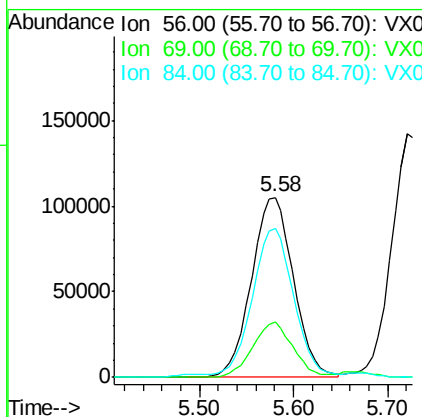
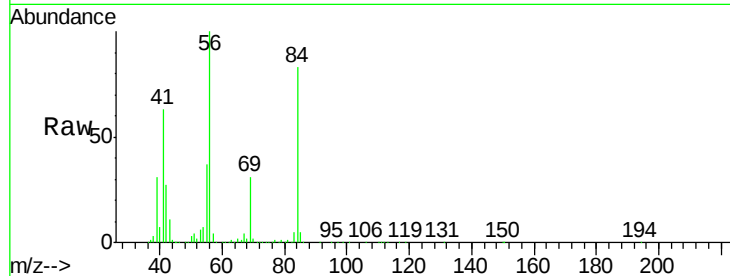




#31
Cyclohexane
Concen: 47.84 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

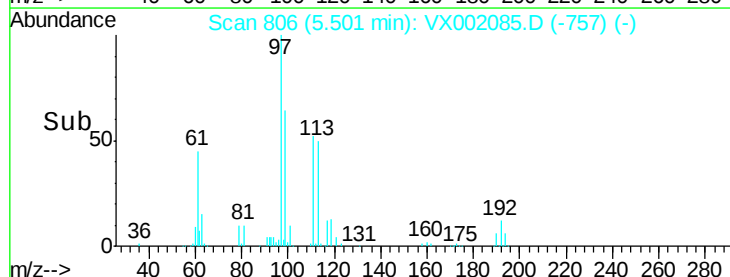
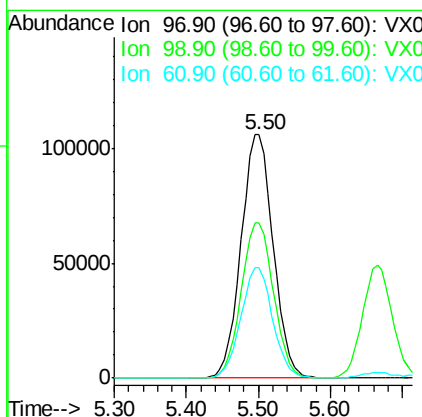
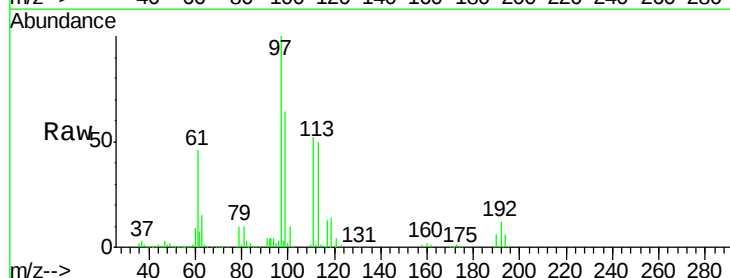
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

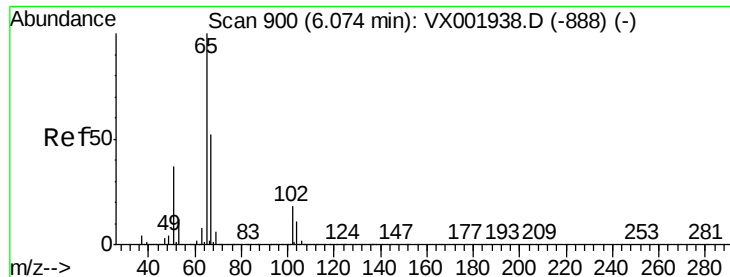
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.1	34.7
84	80.9	62.0	93.0



#32
1,1,1-Trichloroethane
Concen: 47.66 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.9	77.9
61	45.1	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 39.44 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

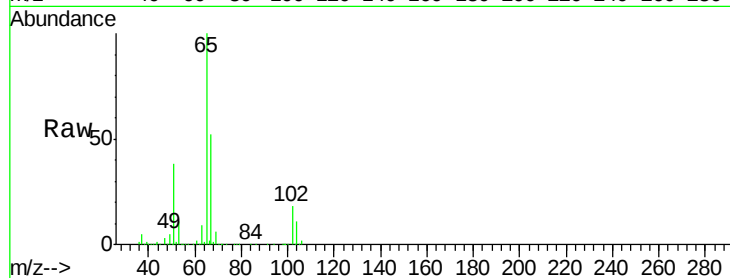
VSTDCCC050

Tot Ion: 65 Resp: 195428

Ion Ratio Lower Upper

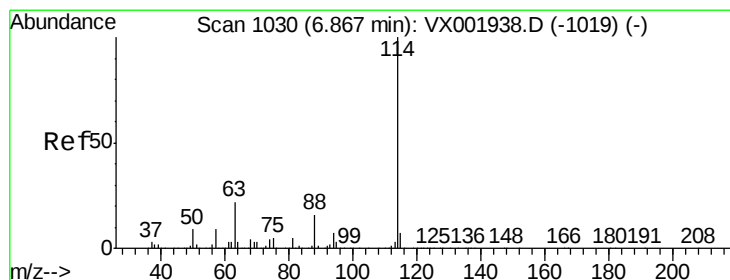
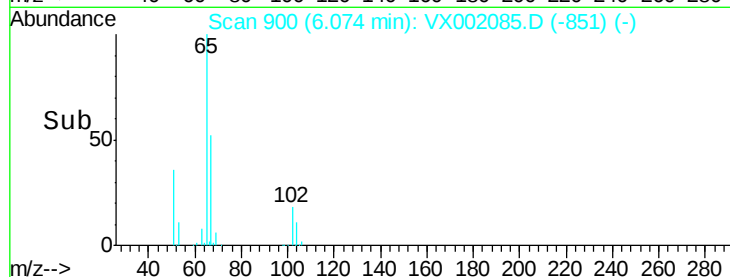
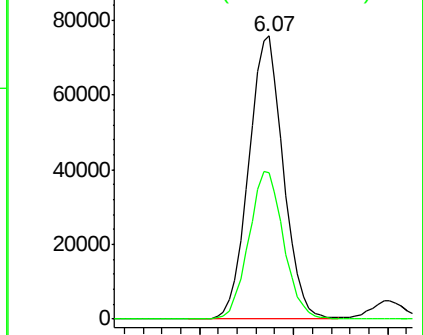
65 100

67 52.2 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: VX002085.D

Acq: 29 May 2018 10:24

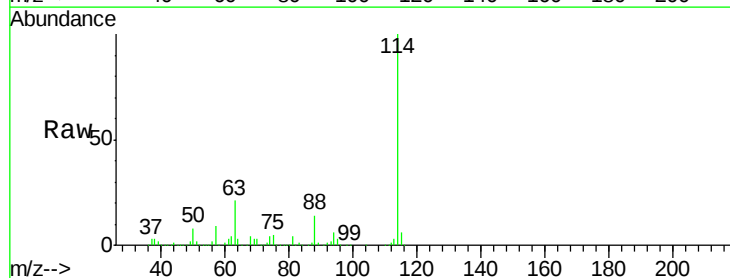
Tgt Ion: 114 Resp: 373018

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

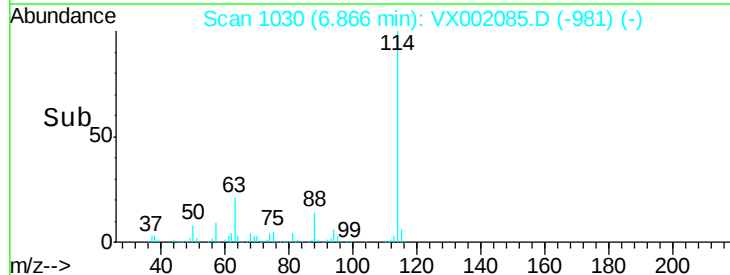
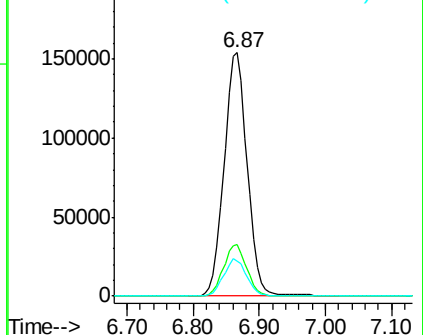
88 14.3 0.0 31.6

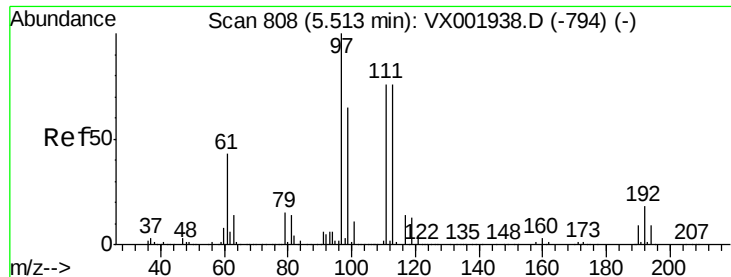


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

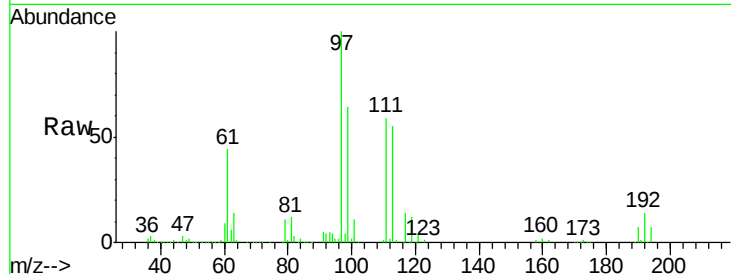




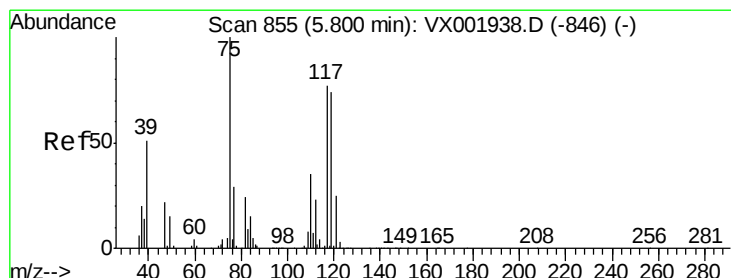
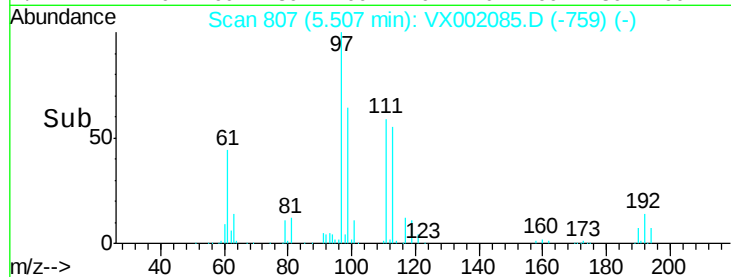
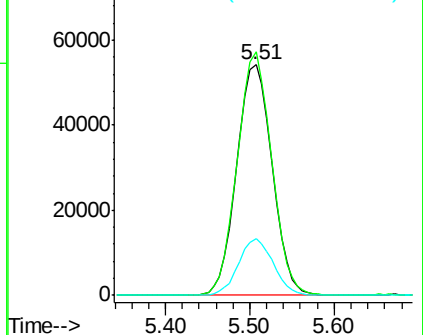
#35
 Dibromofluoromethane
 Concen: 41.56 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	24.0	18.9	28.3

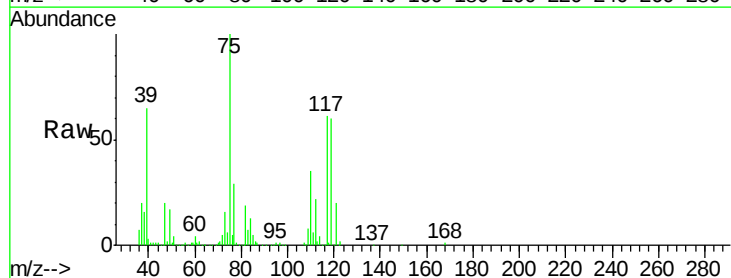


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

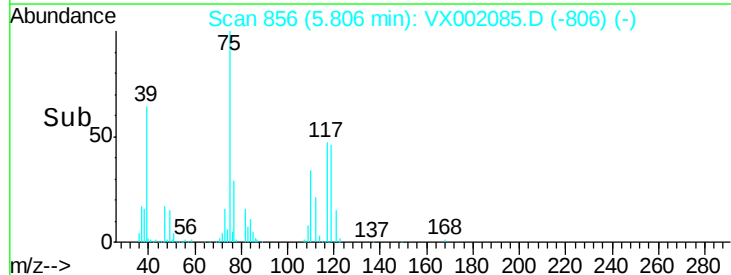
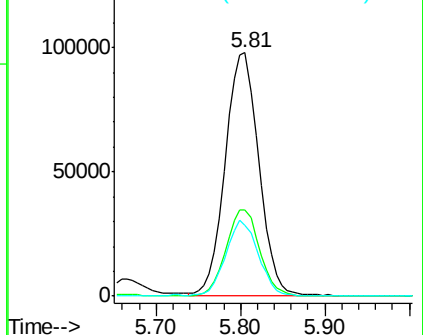


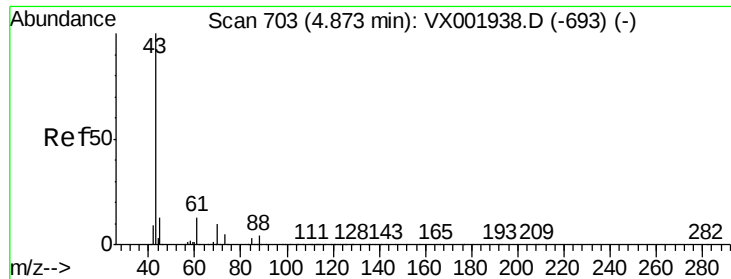
#36
 1,1-Dichloropropene
 Concen: 50.93 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.4	52.2
77	30.4	24.4	36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

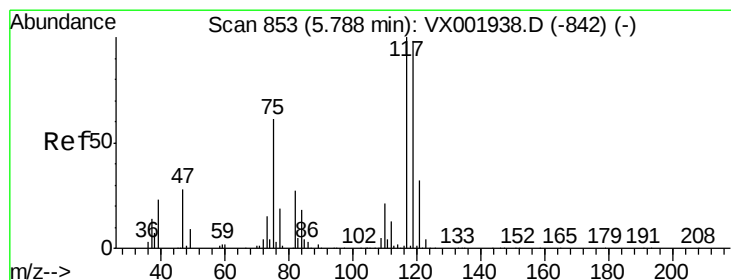
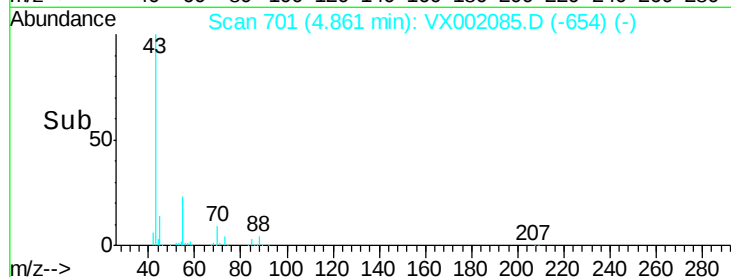
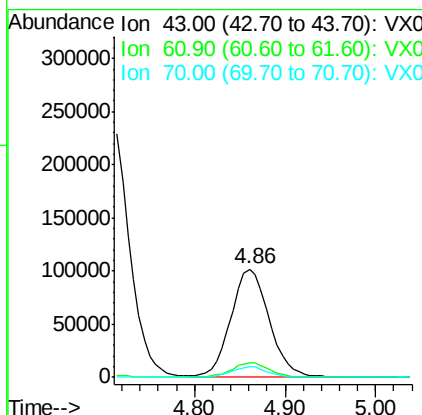
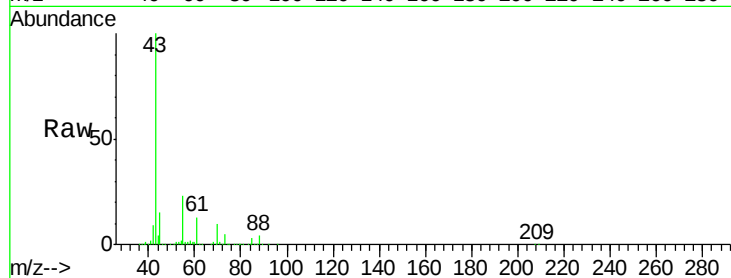




#37
Ethyl Acetate
Concen: 43.65 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

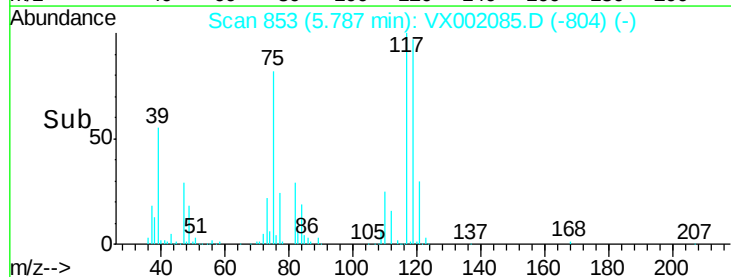
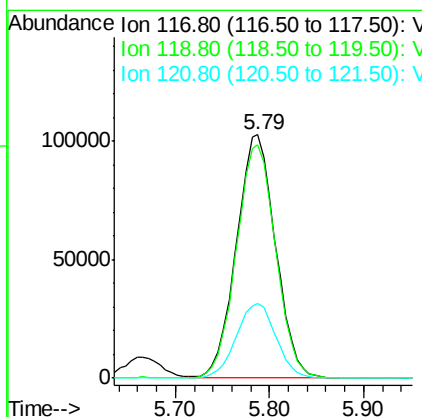
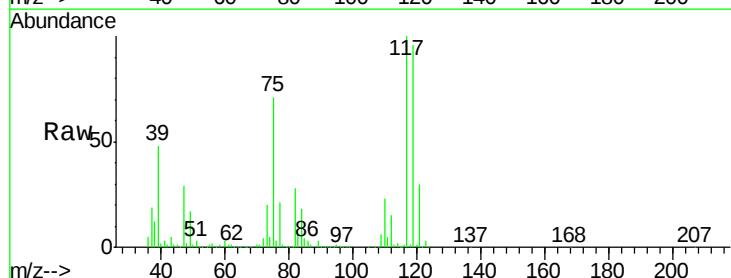
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

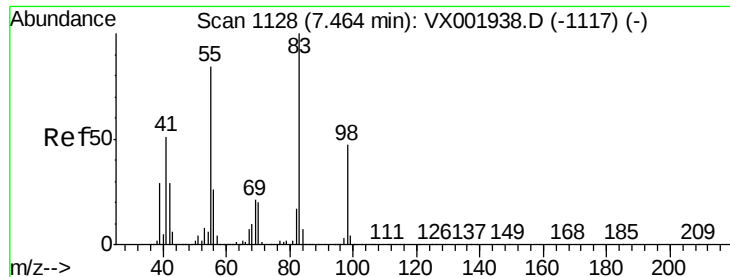
Tot Ion	43	Resp	295259
Ion Ratio	Lower	Upper	
43	100		
61	12.8	10.2	15.2
70	9.3	7.8	11.8



#38
Carbon Tetrachloride
Concen: 49.27 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

Tgt Ion	117	Resp	298134
Ion Ratio	Lower	Upper	
117	100		
119	95.9	78.5	117.7
121	30.5	25.5	38.3

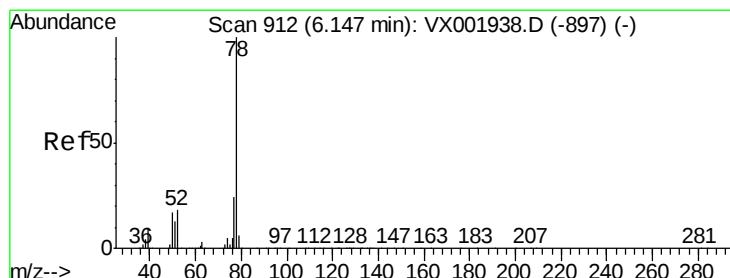
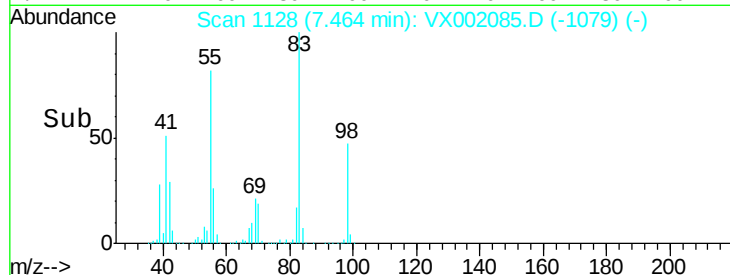
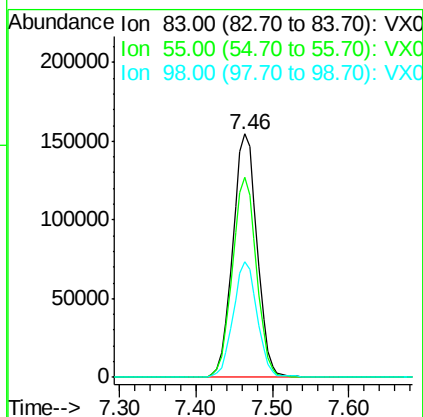
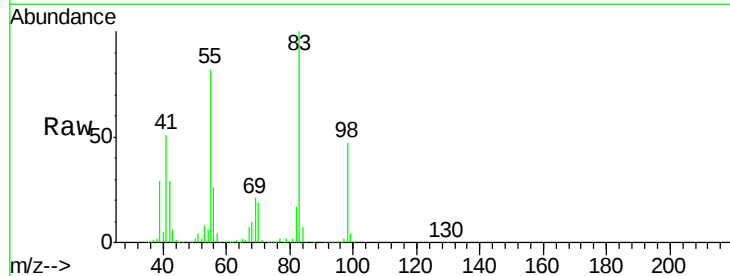




#39
Methvlcvclohexane
Concen: 53.30 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

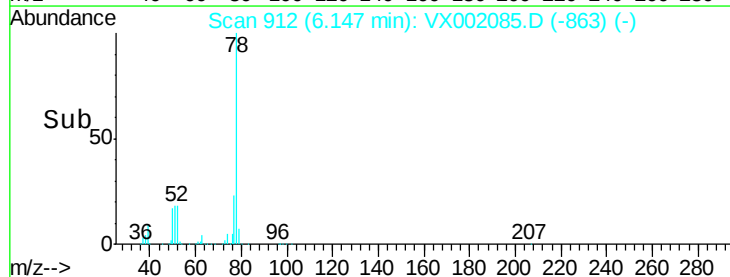
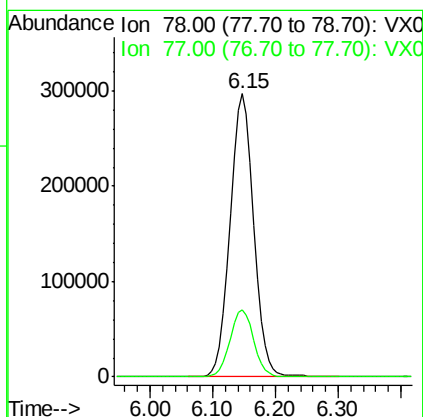
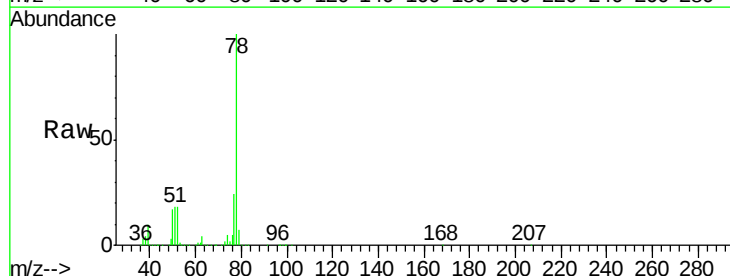
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

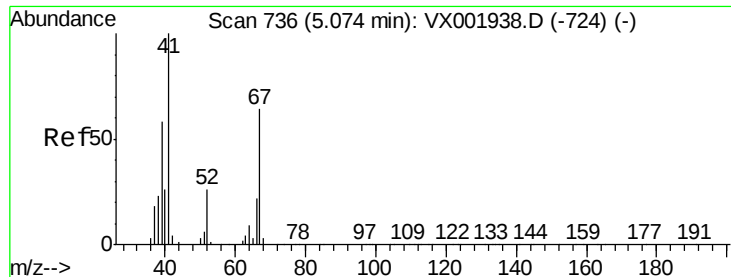
Tot Ion: 83 Resp: 339783
Ion Ratio Lower Upper
83 100
55 81.9 67.3 100.9
98 47.4 37.5 56.3



#40
Benzene
Concen: 50.95 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

Tgt Ion: 78 Resp: 774500
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

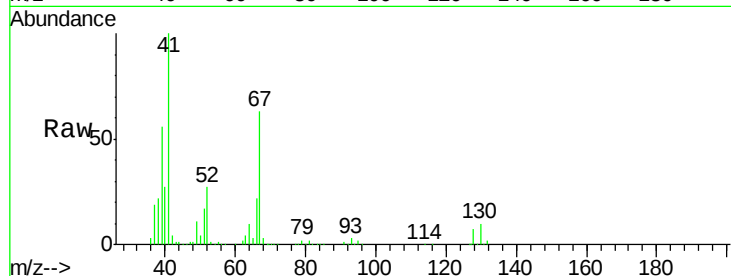




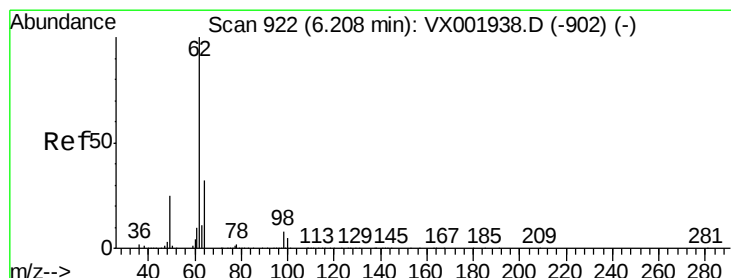
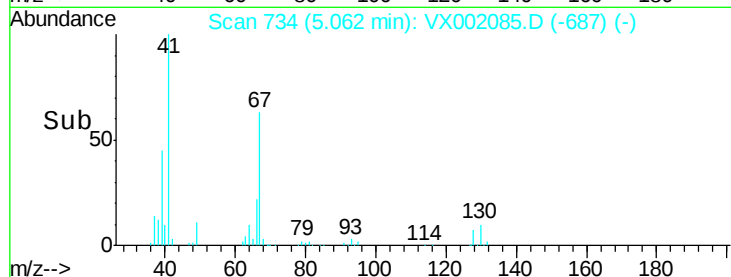
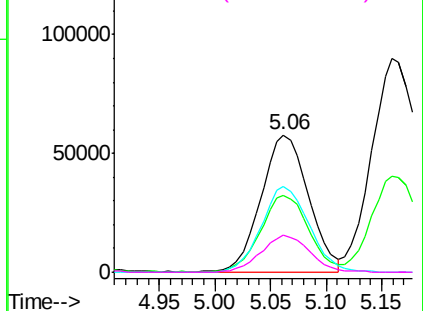
#41
Methacrylonitrile
Concen: 47.53 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	169890
Ion	Ratio	Lower	Upper
41	100		
39	56.3	46.0	69.0
67	63.7	50.6	75.8
52	27.7	21.9	32.9

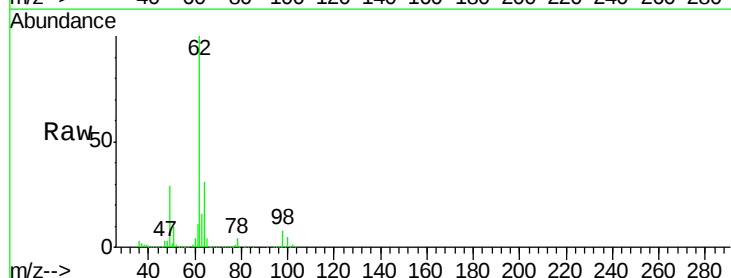


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

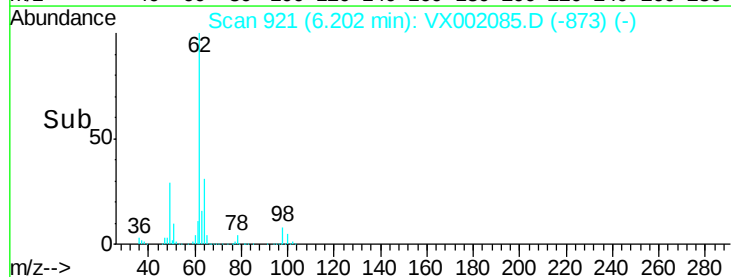
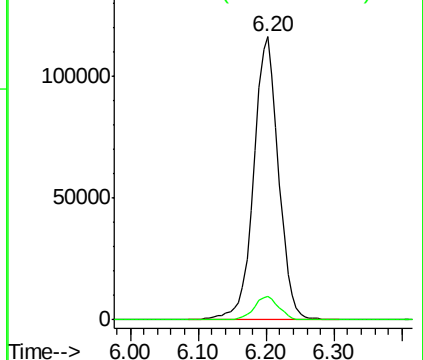


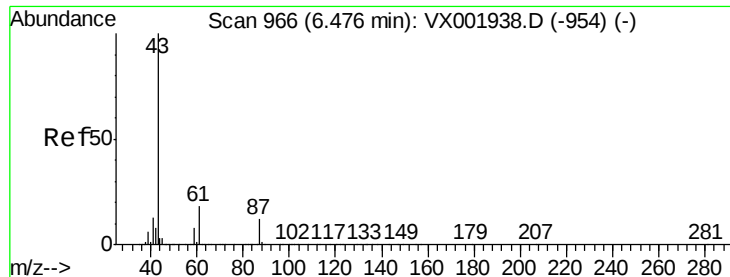
#42
1,2-Dichloroethane
Concen: 48.84 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

Tgt Ion:	62	Resp:	296547
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0



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



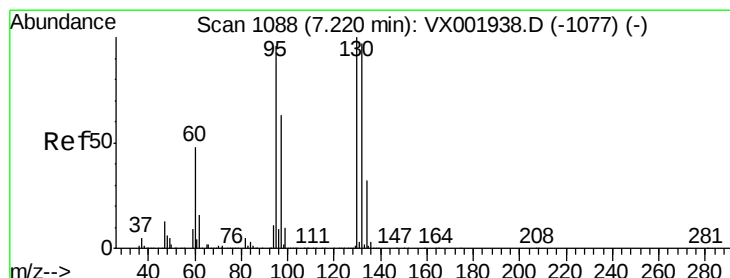
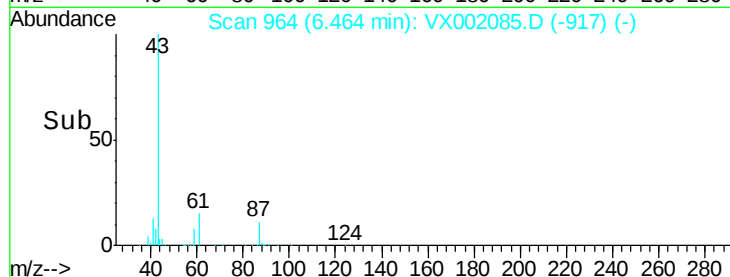
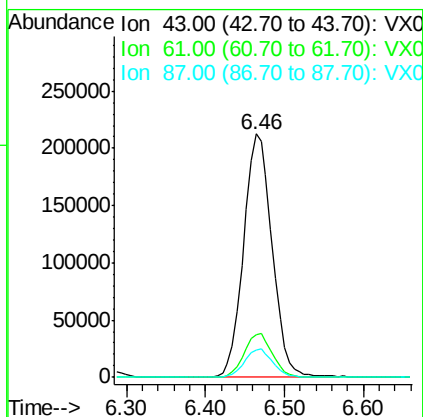
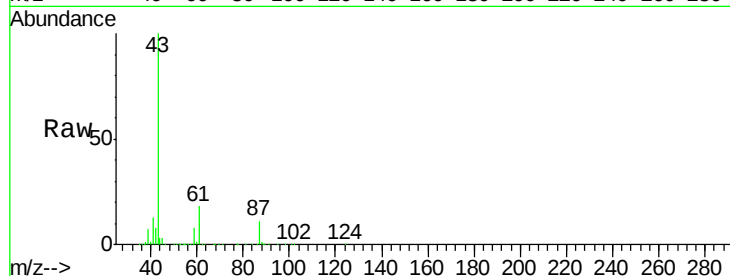


#43

Isopropyl Acetate
 Concen: 47.16 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

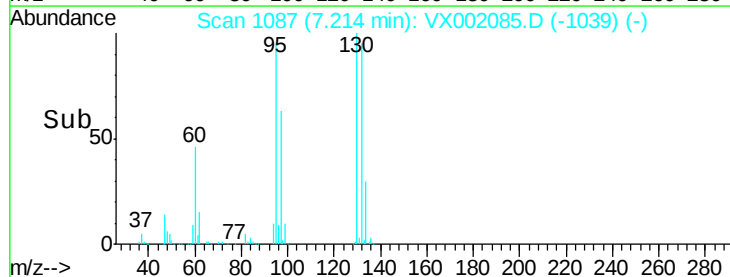
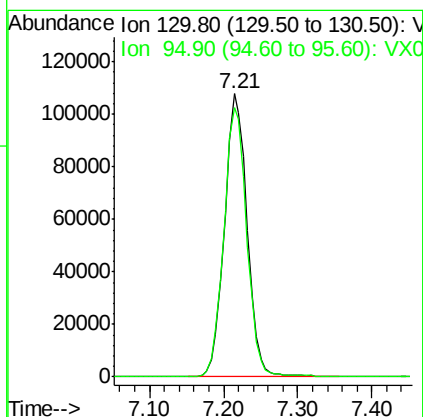
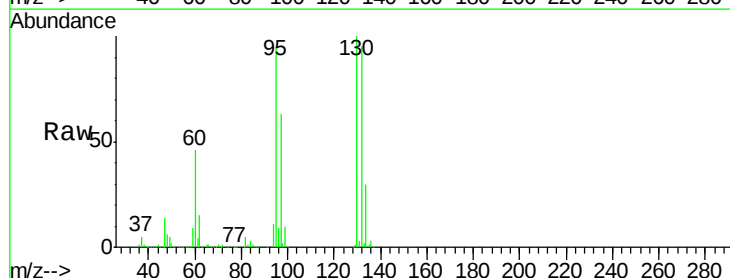
Tot Ion	43	Resp	531542
Ion Ratio	Lower	Upper	
43	100		
61	17.9	14.5	21.7
87	11.7	9.5	14.3

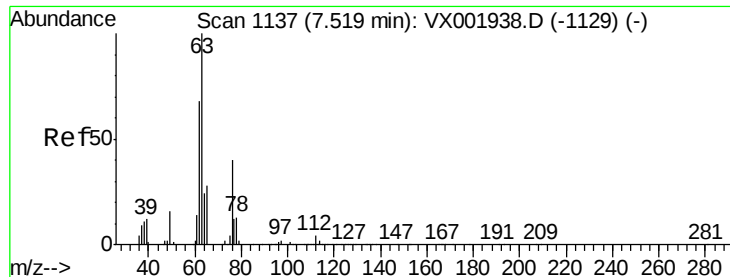


#44

Trichloroethene
 Concen: 51.74 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

Tgt Ion	130	Resp	229166
Ion Ratio	Lower	Upper	
130	100		
95	95.1	0.0	192.0





#45

1,2-Dichloropropane

Concen: 51.68 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

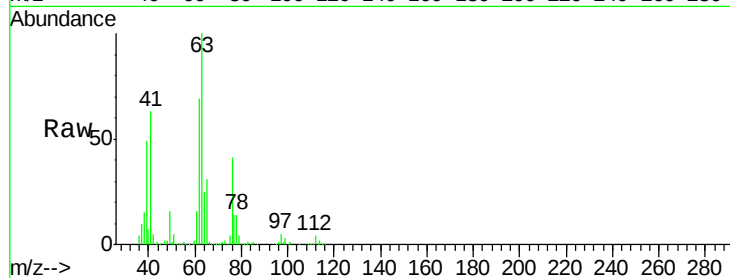
VSTDCCC050

Tot Ion: 63 Resp: 213333

Ion Ratio Lower Upper

63 100

65 30.6 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

120000

100000

80000

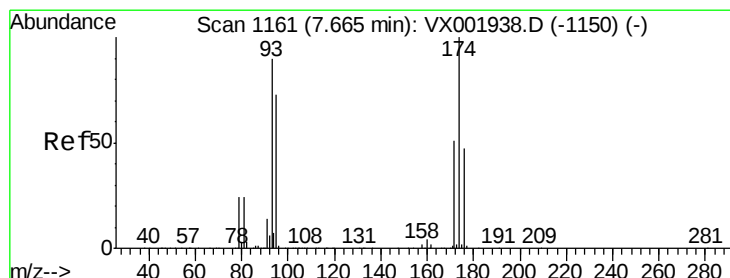
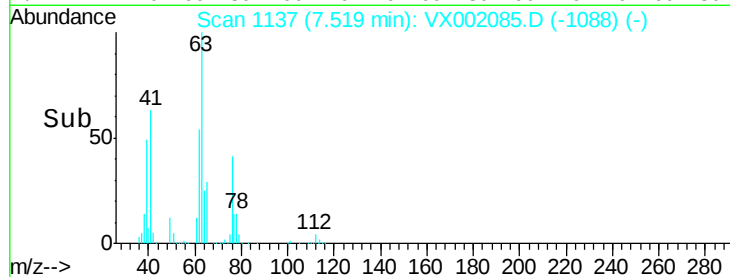
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 50.62 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

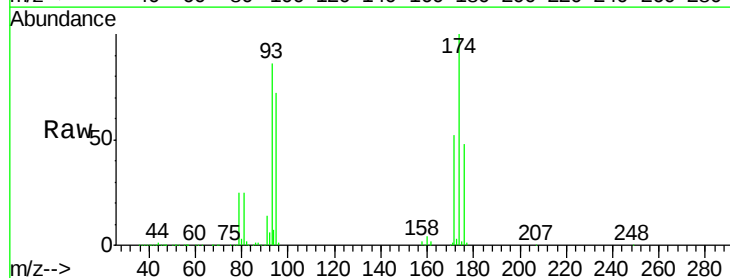
Tgt Ion: 93 Resp: 138354

Ion Ratio Lower Upper

93 100

95 82.3 66.1 99.1

174 114.8 92.5 138.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

100000

80000

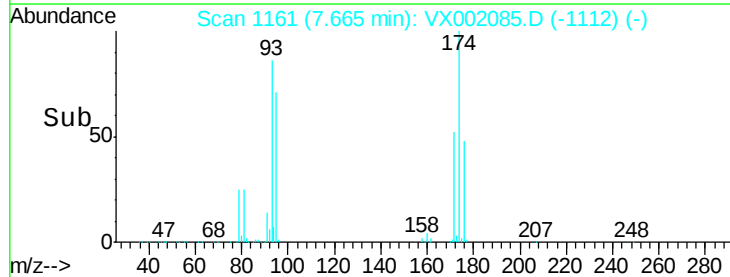
60000

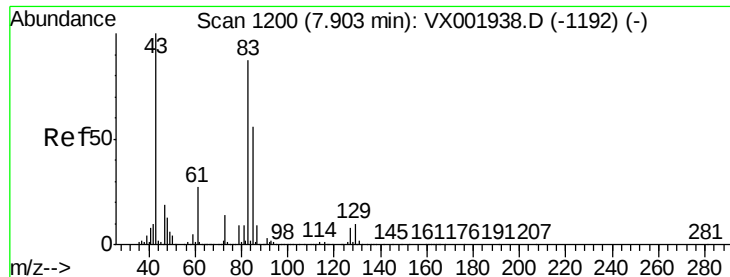
40000

20000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 49.11 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

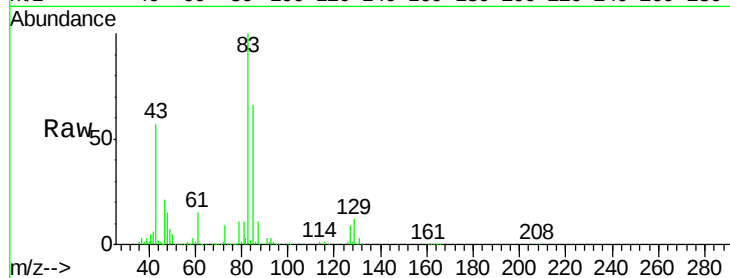
Tot Ion: 83 Resp: 286207

Ion Ratio Lower Upper

83 100

85 65.9 51.4 77.2

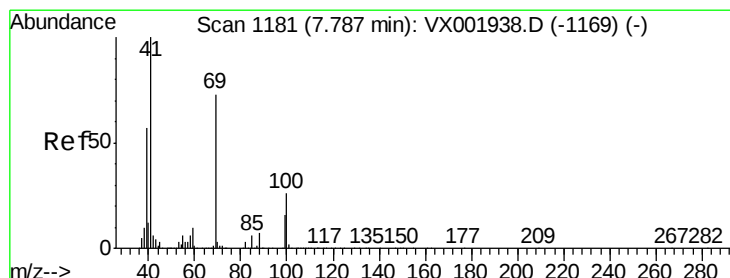
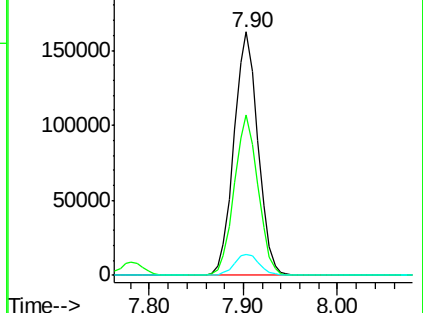
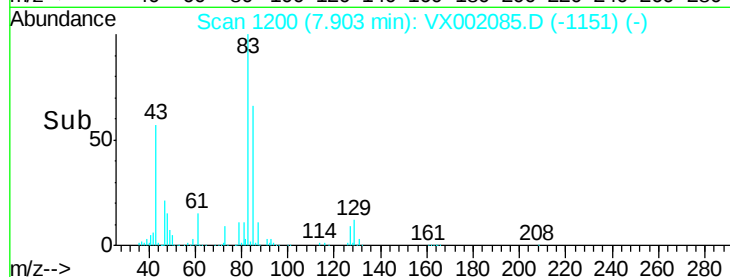
127 8.8 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.95 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

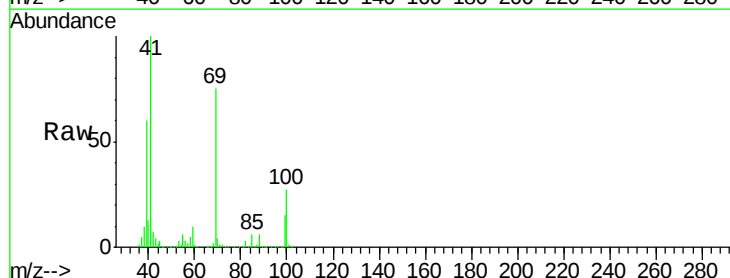
Tgt Ion: 41 Resp: 269297

Ion Ratio Lower Upper

41 100

69 73.4 58.6 87.8

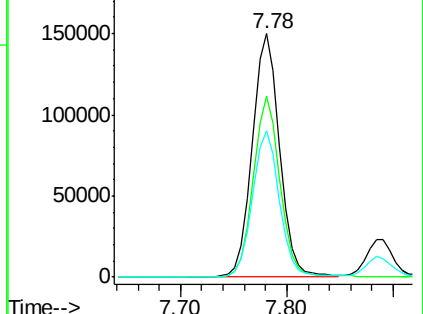
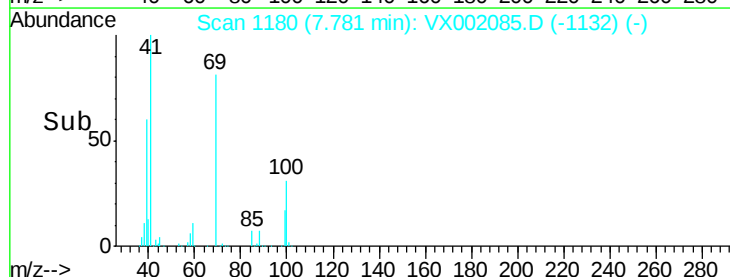
39 59.1 46.3 69.5

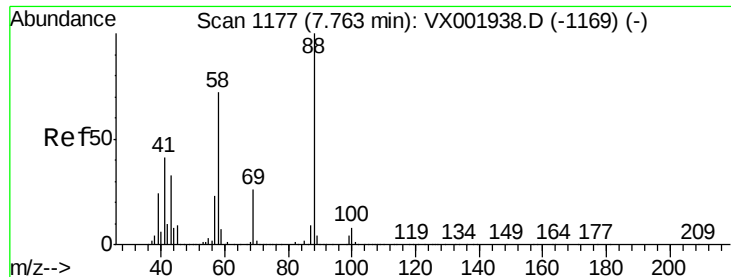


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 859.62 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

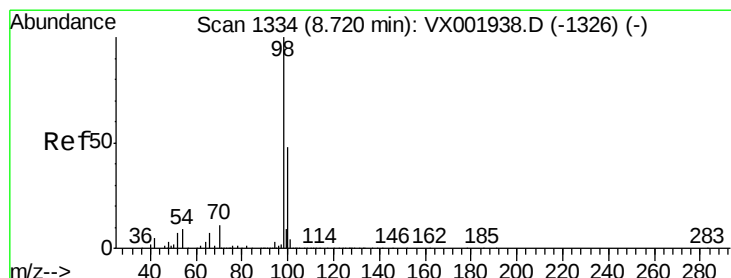
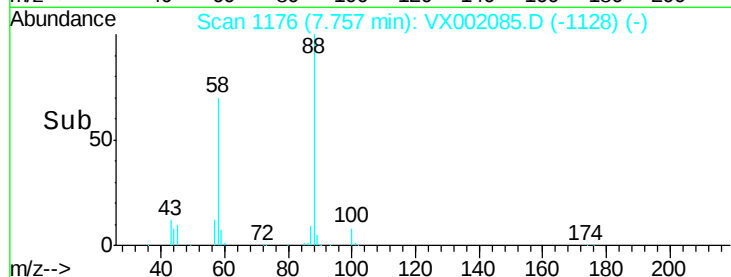
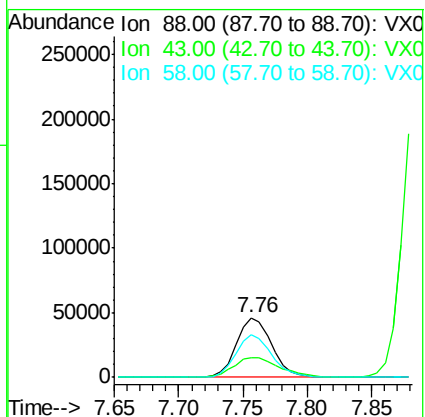
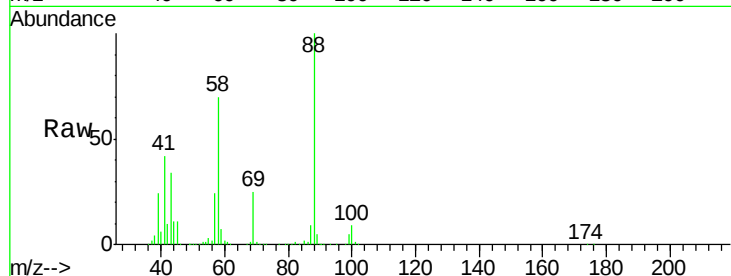
Tot Ion: 88 Resp: 86895

Ion Ratio Lower Upper

88 100

43 41.8 29.8 44.8

58 73.5 58.7 88.1



#50

Toluene-d8

Concen: 43.41 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002085.D

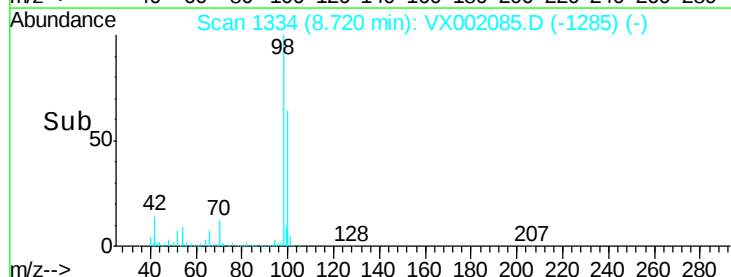
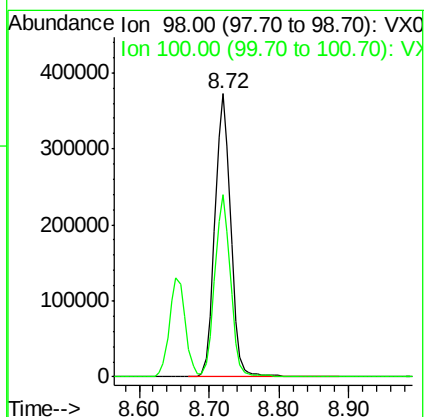
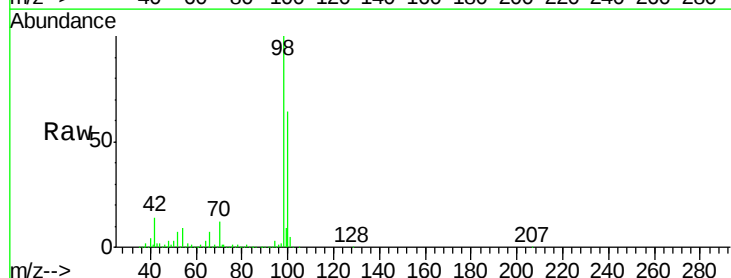
Acq: 29 May 2018 10:24

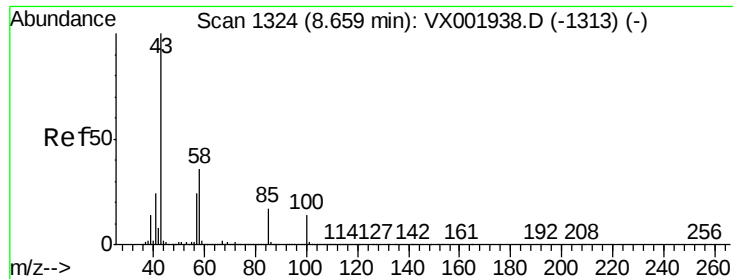
Tgt Ion: 98 Resp: 586267

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3

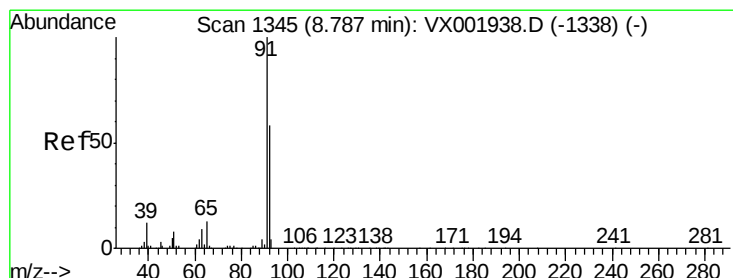
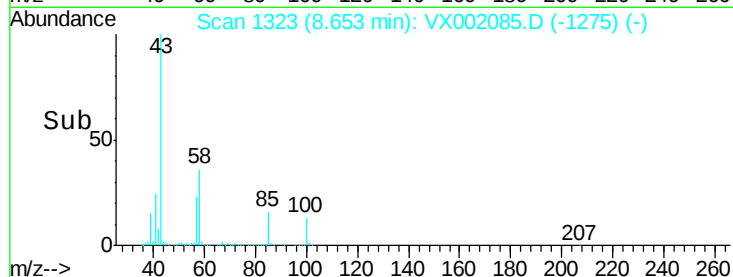
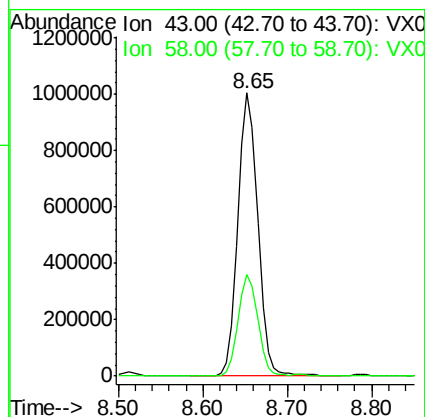
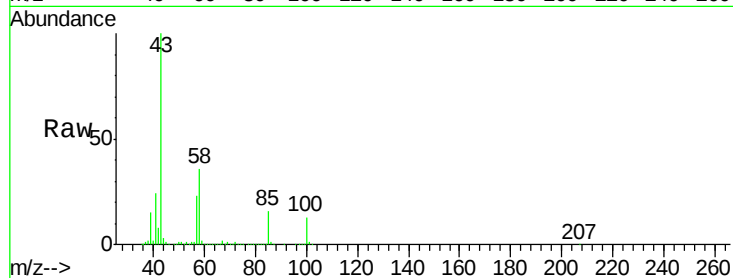




#51
 4-Methyl-2-Pentanone
 Concen: 235.89 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

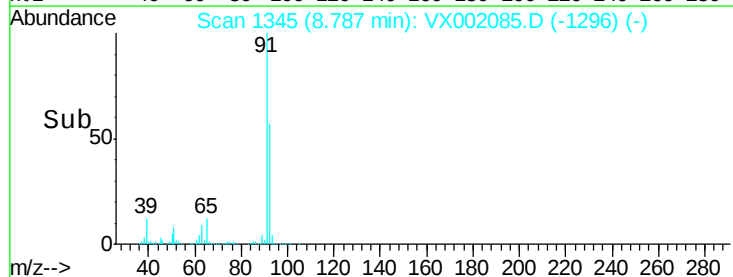
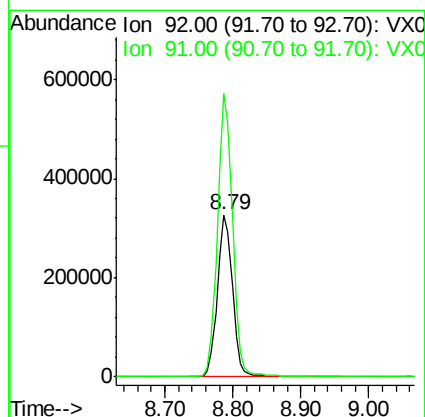
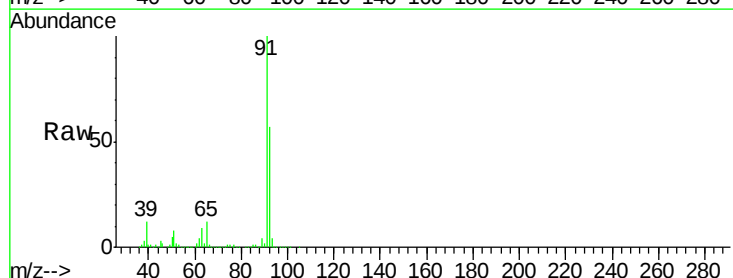
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

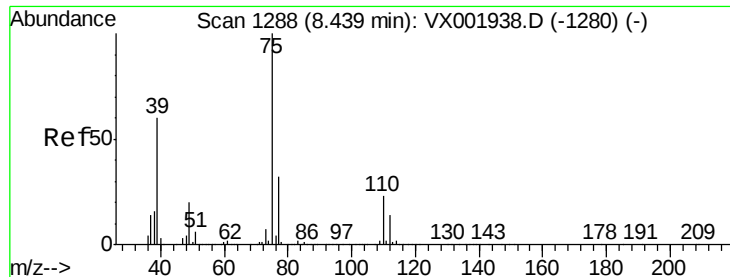
Tot Ion: 43 Resp: 1602688
 Ion Ratio Lower Upper
 43 100
 58 35.5 28.5 42.7



#52
 Toluene
 Concen: 52.33 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

Tgt Ion: 92 Resp: 506228
 Ion Ratio Lower Upper
 92 100
 91 174.1 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 50.69 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

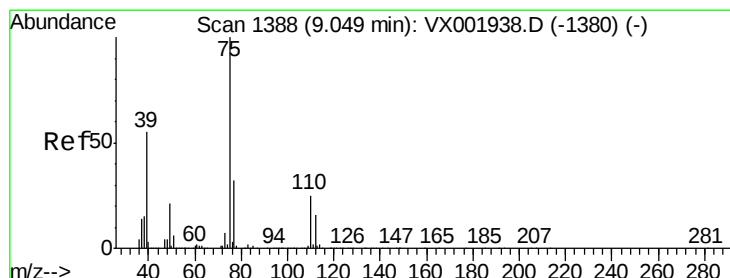
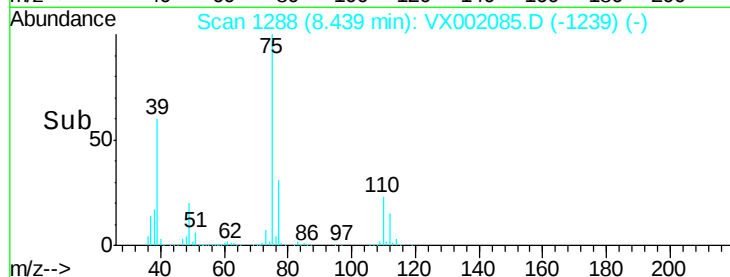
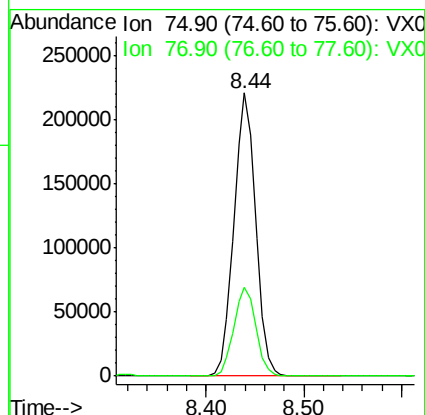
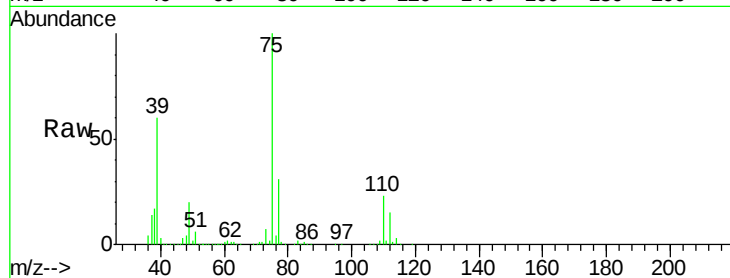
VSTDCCC050

Tot Ion: 75 Resp: 340246

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 51.15 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

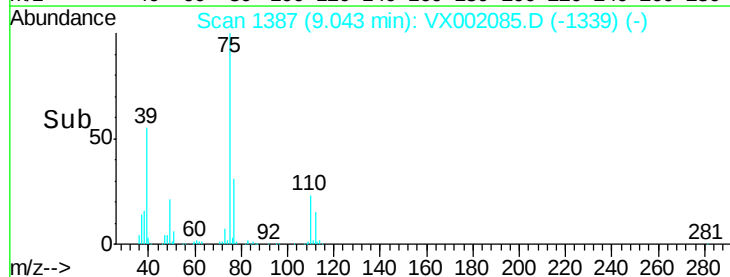
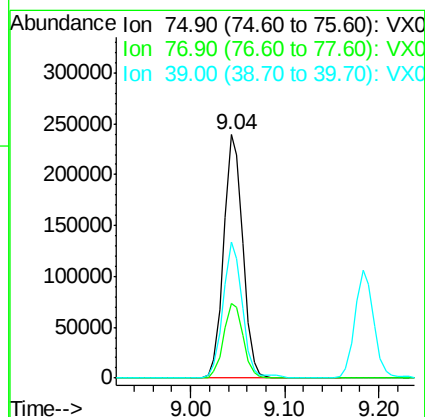
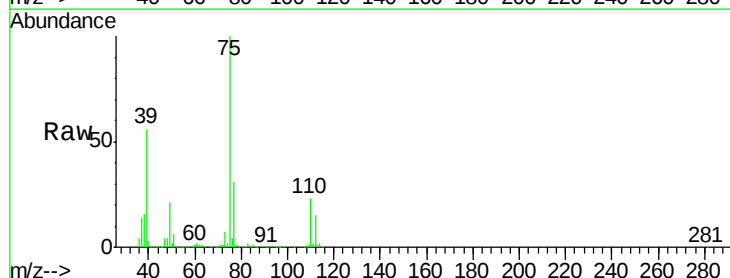
Tgt Ion: 75 Resp: 334559

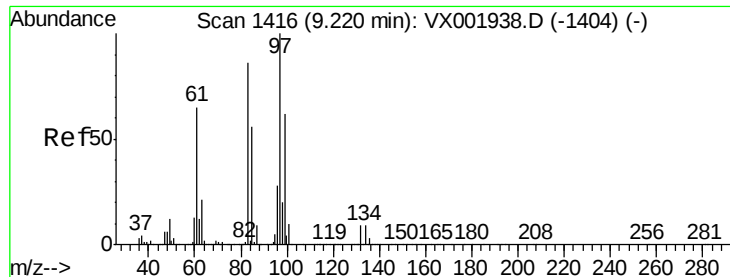
Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0

39 55.7 44.1 66.1

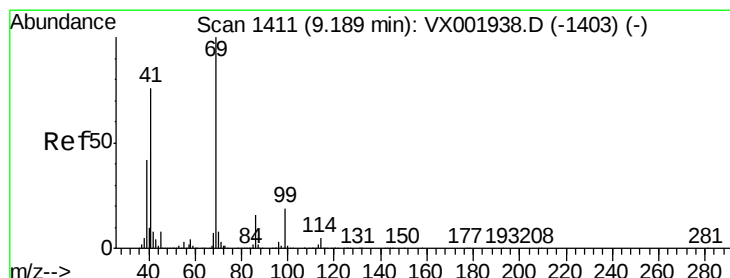
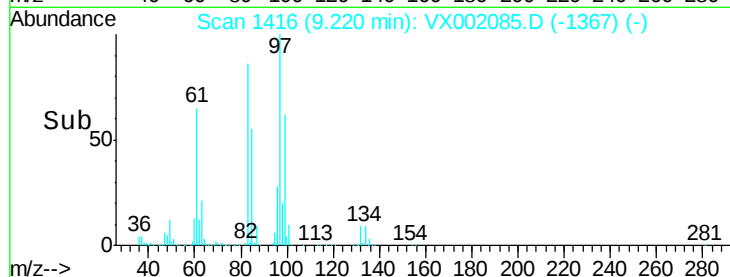
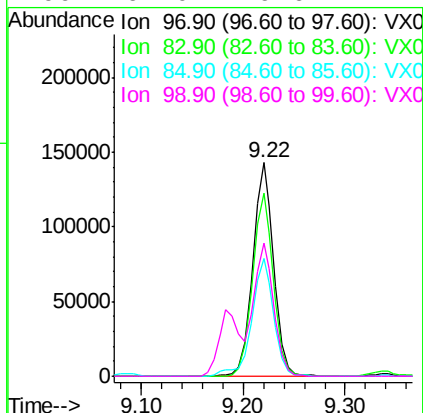
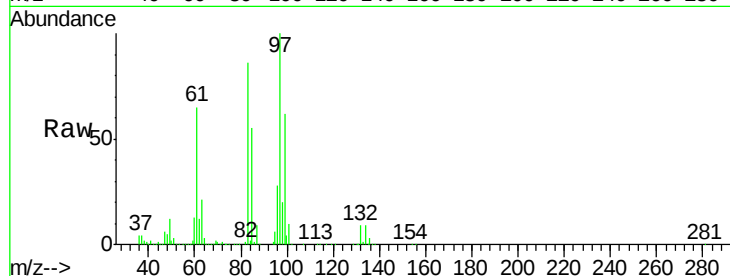




#55
 1,1,2-Trichloroethane
 Concen: 50.56 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

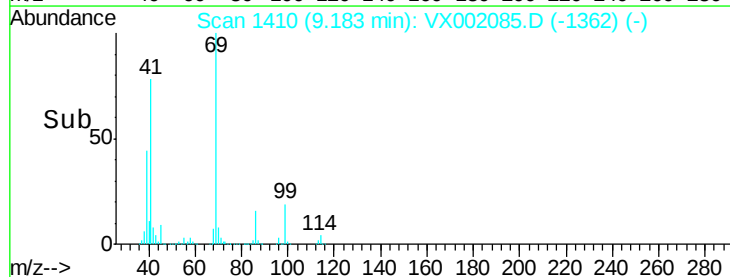
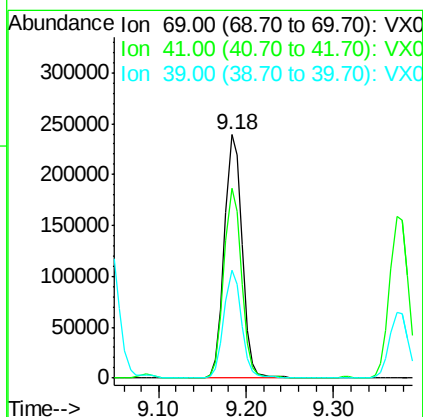
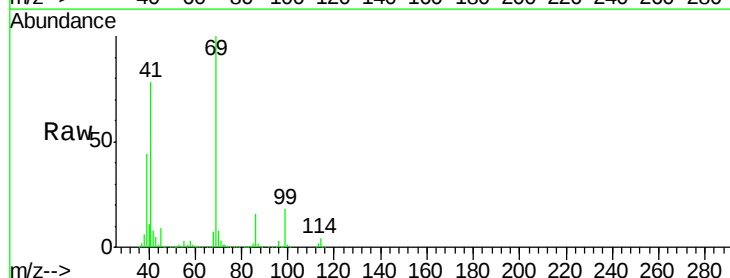
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

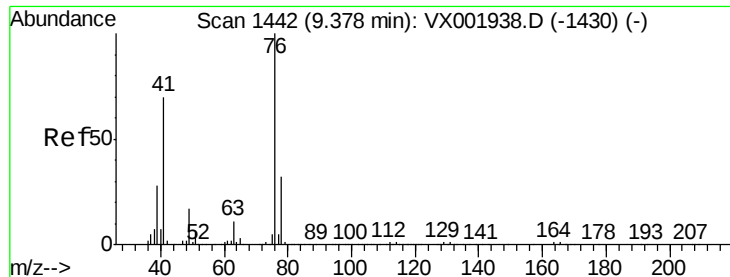
Tot Ion:	97	Resp:	204344
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.1	103.7
85	55.2	45.2	67.8
99	62.0	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 48.18 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

Tgt Ion:	69	Resp:	334924
Ion	Ratio	Lower	Upper
69	100		
41	78.0	61.0	91.6
39	44.1	34.4	51.6





#57

1,3-Dichloropropane

Concen: 51.18 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

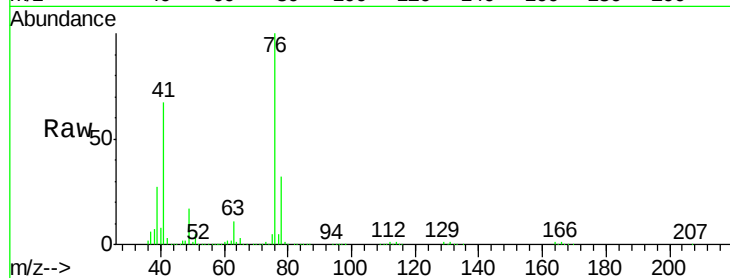
VSTDCCC050

Tot Ion: 76 Resp: 340712

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

250000

200000

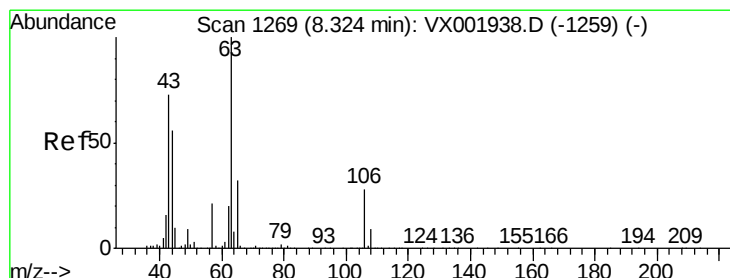
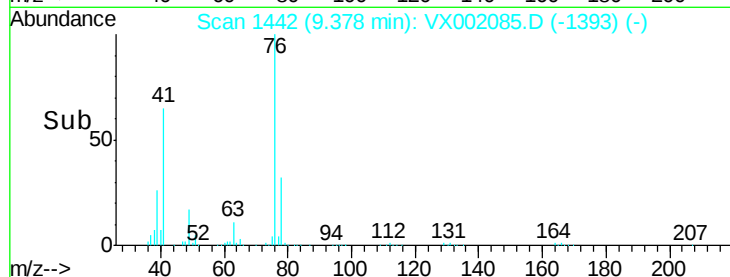
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 220.96 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002085.D

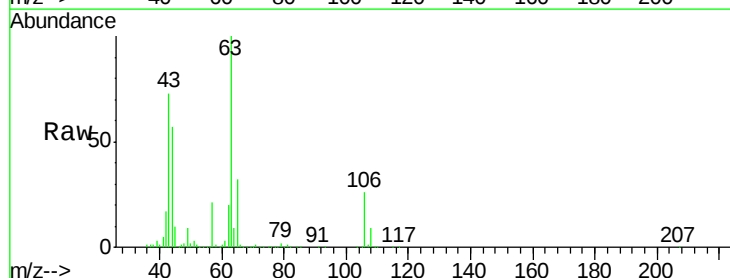
Acq: 29 May 2018 10:24

Tgt Ion: 63 Resp: 680770

Ion Ratio Lower Upper

63 100

106 27.0 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

500000

400000

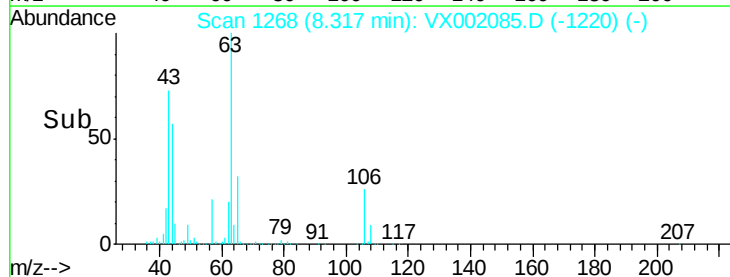
300000

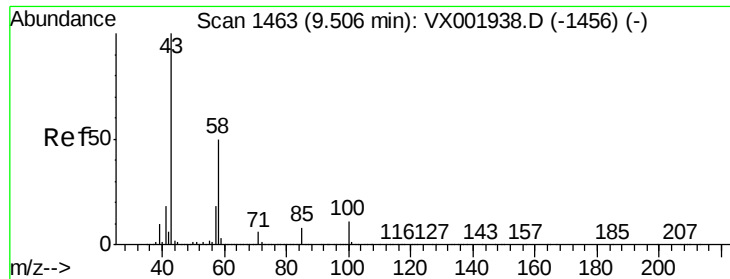
200000

100000

0

Time-->

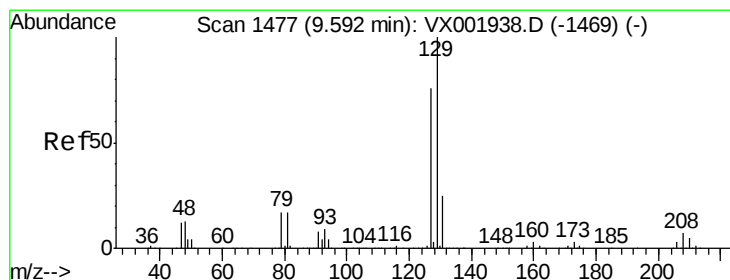
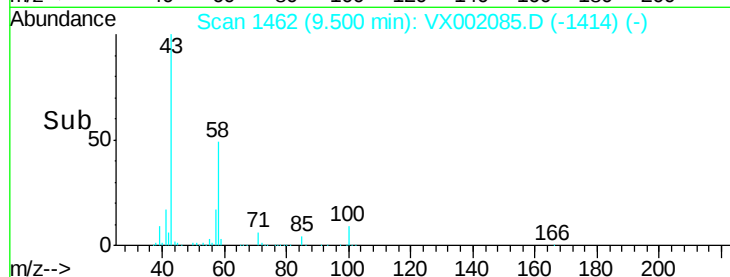
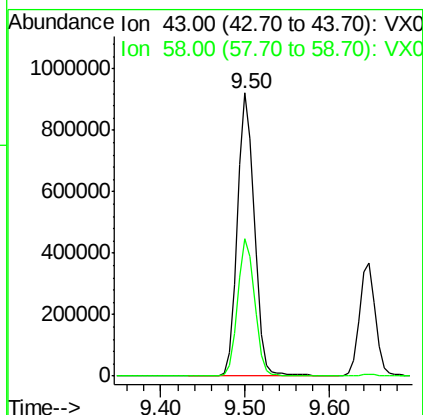
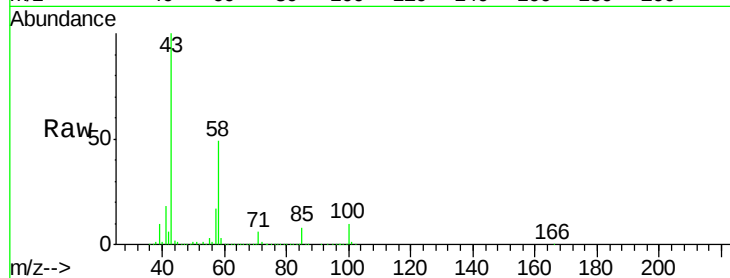




#59
2-Hexanone
Concen: 237.15 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

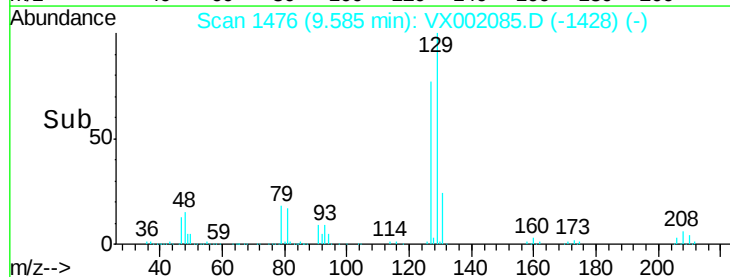
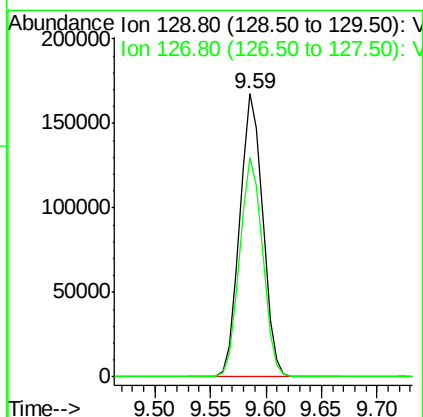
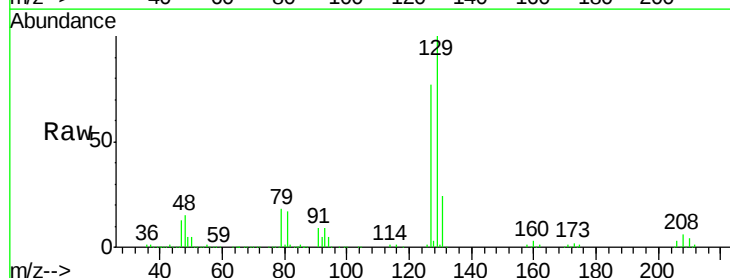
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

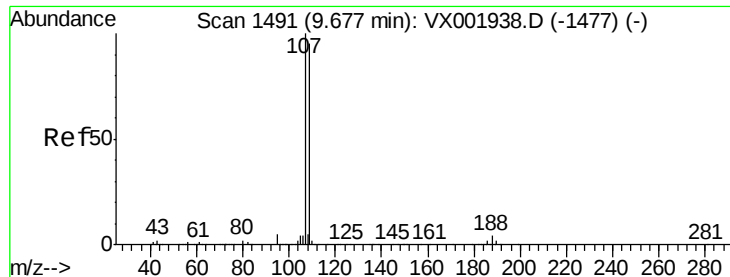
Tot Ion: 43 Resp: 1242366
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6



#60
Dibromochloromethane
Concen: 50.23 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

Tgt Ion: 129 Resp: 240424
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9





#61

1,2-Dibromoethane

Concen: 50.39 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

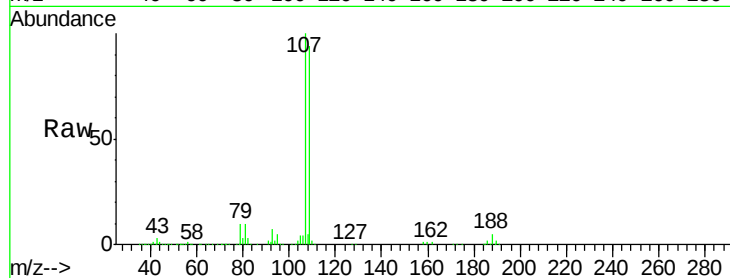
VSTDCCC050

Tot Ion:107 Resp: 213684

Ion Ratio Lower Upper

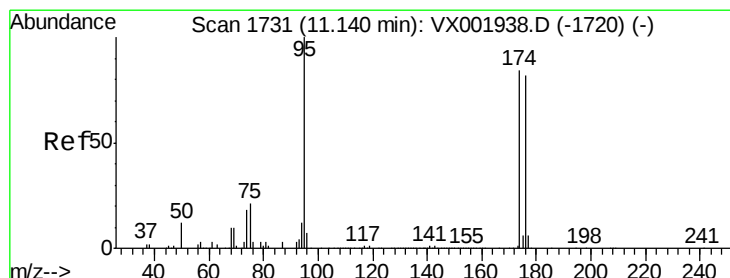
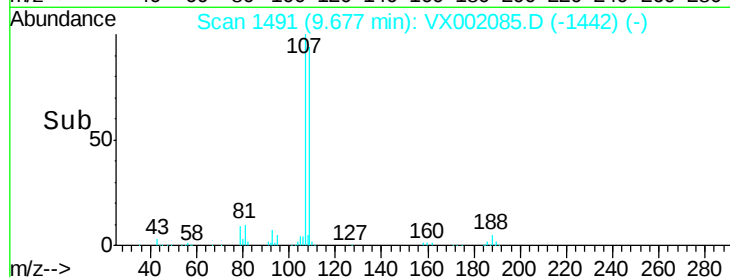
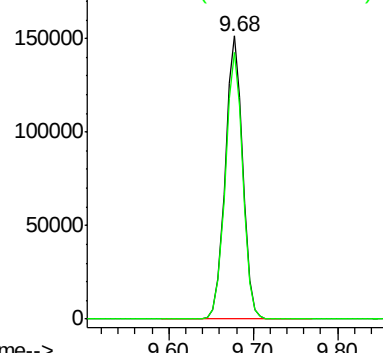
107 100

109 94.5 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: 44.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

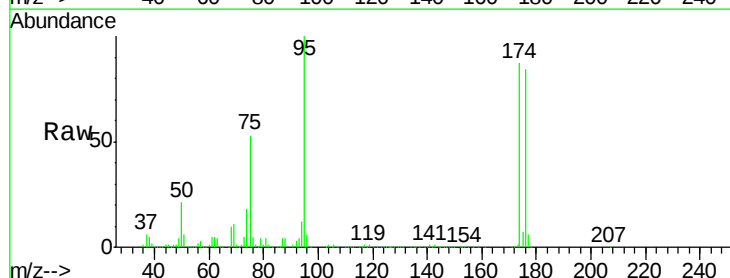
Tgt Ion: 95 Resp: 237681

Ion Ratio Lower Upper

95 100

174 91.2 0.0 178.8

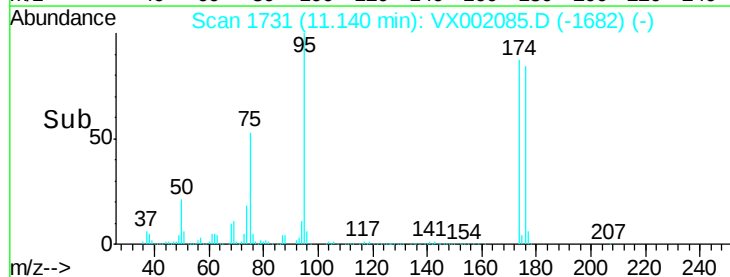
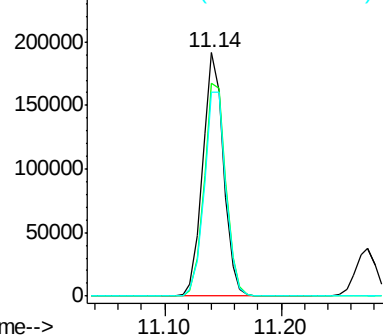
176 88.1 0.0 175.6

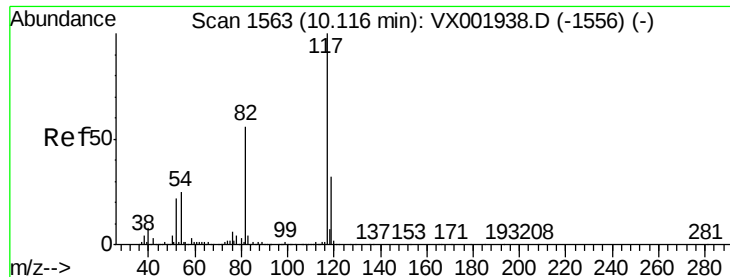


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

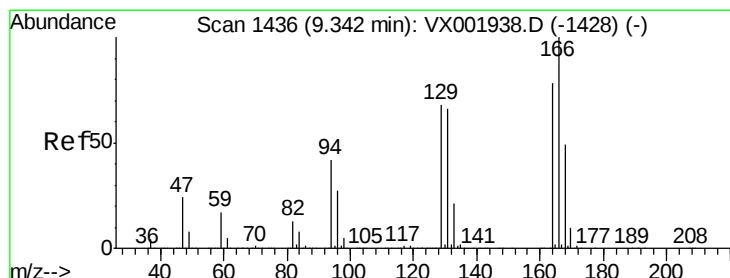
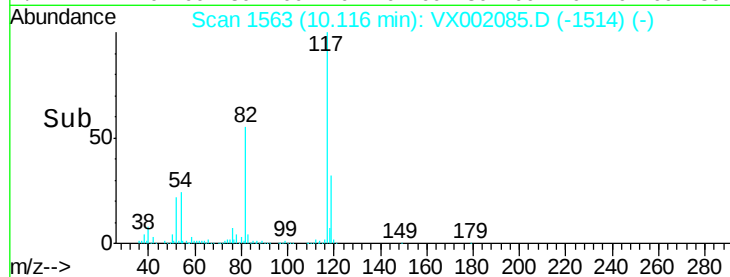
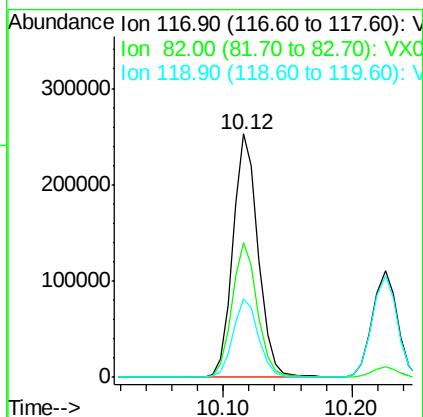
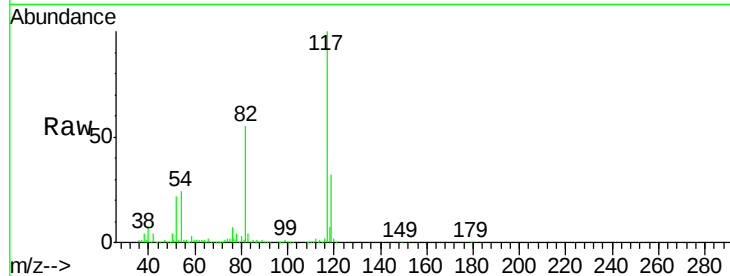




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

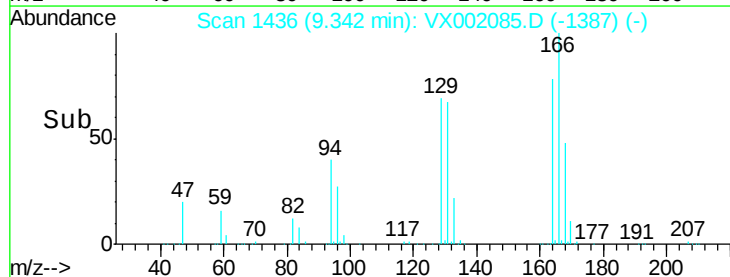
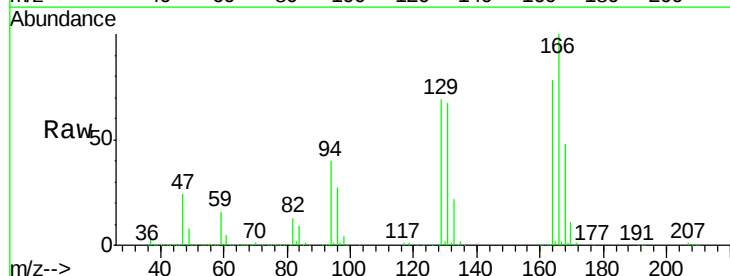
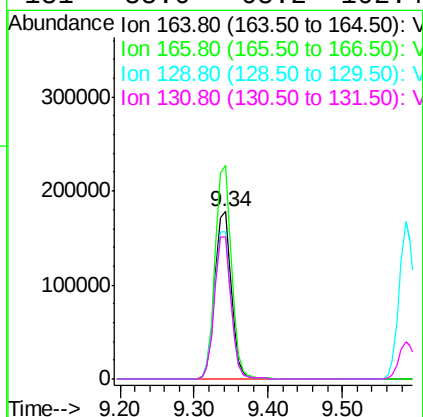
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

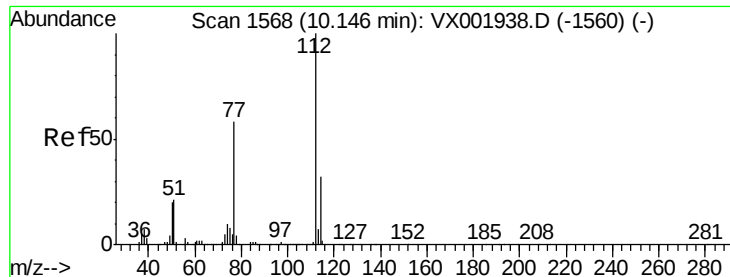
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.8	67.2
119	32.1	25.5	38.3



#64
Tetrachloroethene
Concen: 54.32 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	102.7	154.1
129	87.7	70.3	105.5
131	85.0	68.2	102.4





#65

Chlorobenzene

Concen: 52.17 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

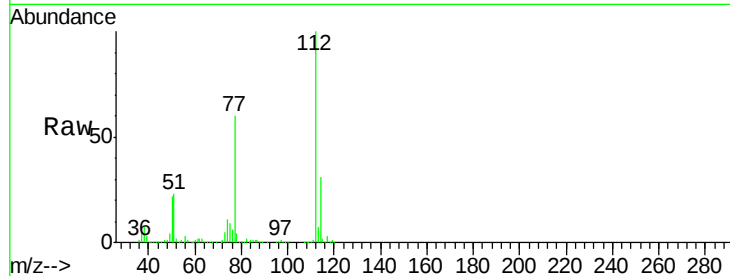
VSTDCCC050

Tot Ion:112 Resp: 571760

Ion Ratio Lower Upper

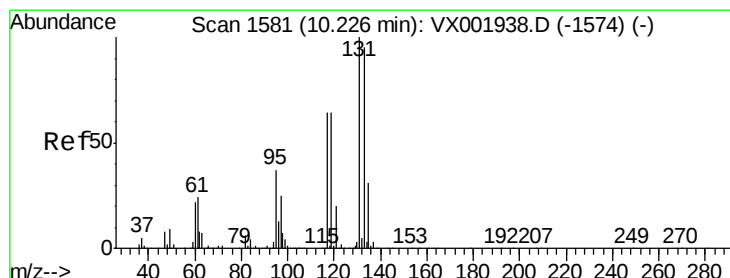
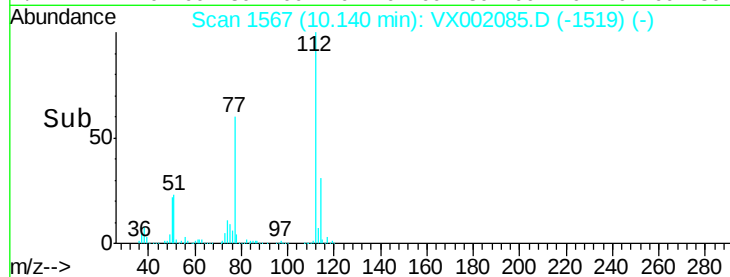
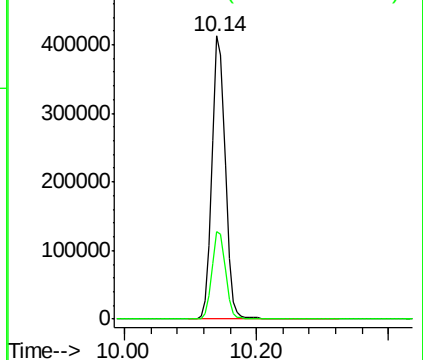
112 100

114 31.1 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.59 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

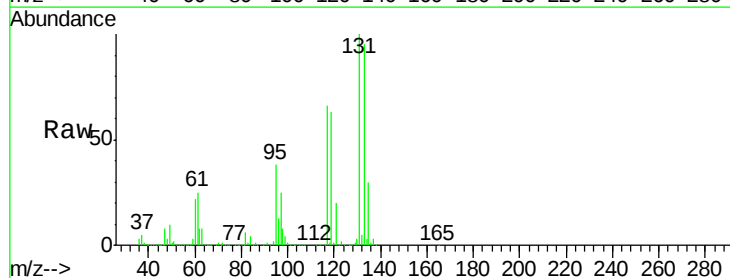
Tgt Ion:131 Resp: 223901

Ion Ratio Lower Upper

131 100

133 95.7 48.0 144.0

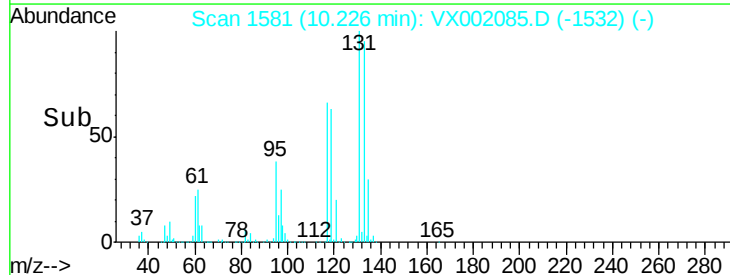
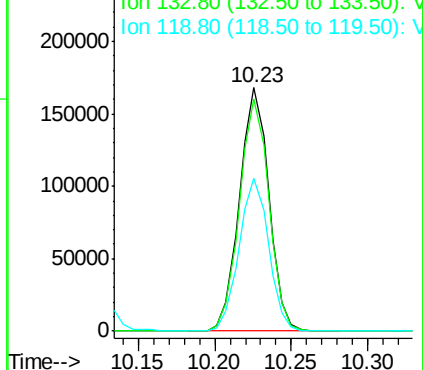
119 63.1 31.9 95.5

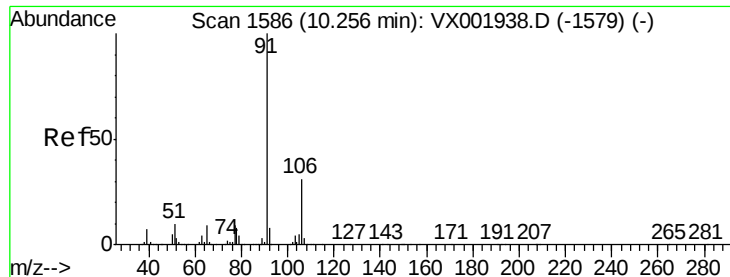


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.20 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

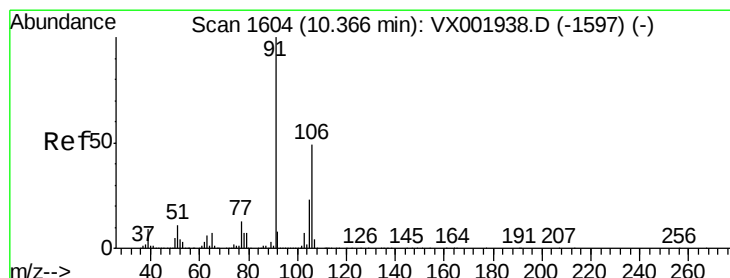
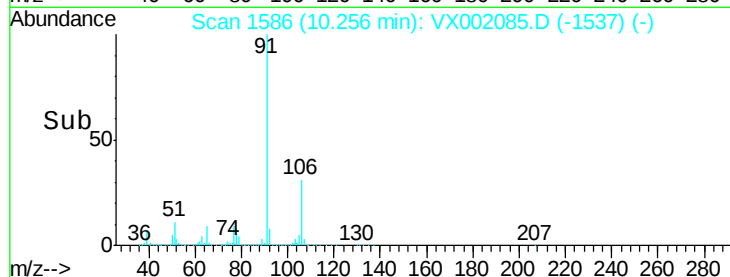
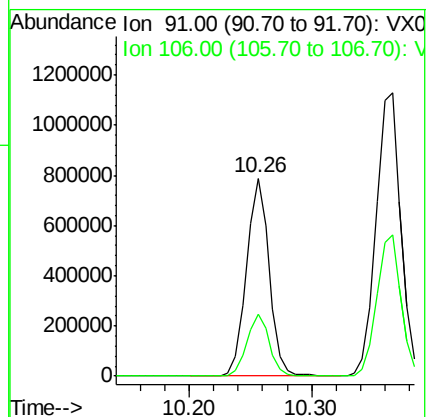
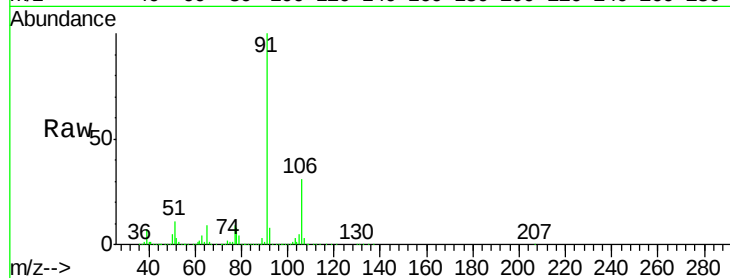
VSTDCCC050

Tot Ion: 91 Resp: 1013191

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.6



#68

m/p-Xylenes

Concen: 107.67 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002085.D

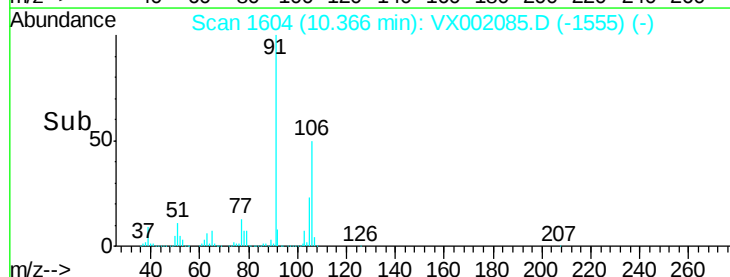
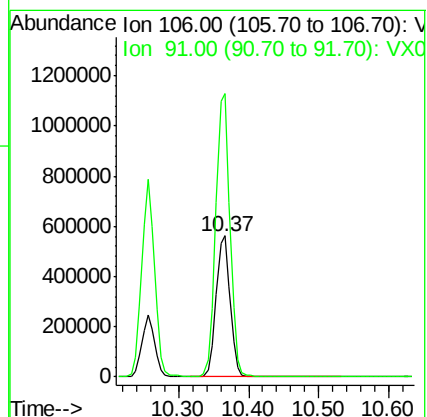
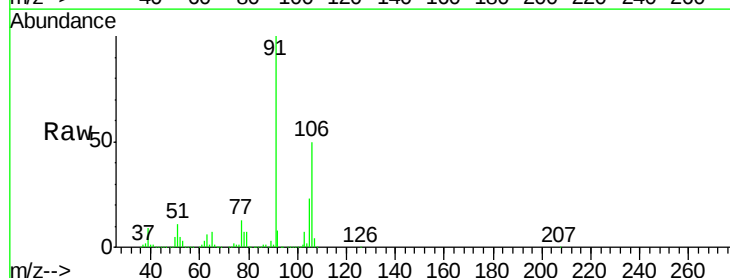
Acq: 29 May 2018 10:24

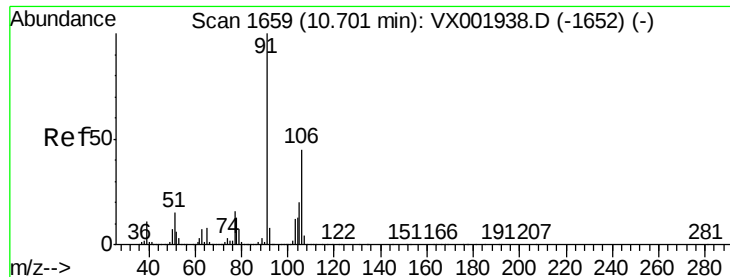
Tgt Ion: 106 Resp: 783821

Ion Ratio Lower Upper

106 100

91 203.7 165.0 247.6

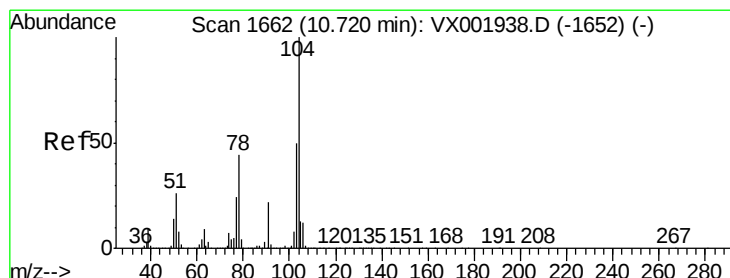
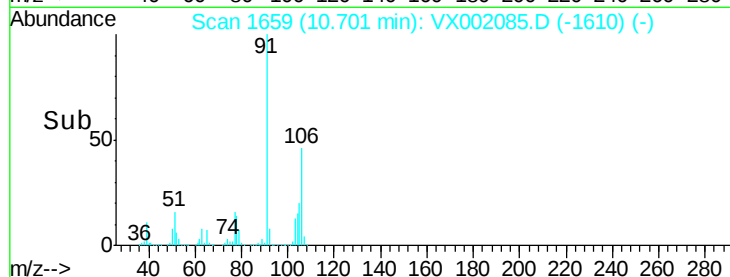
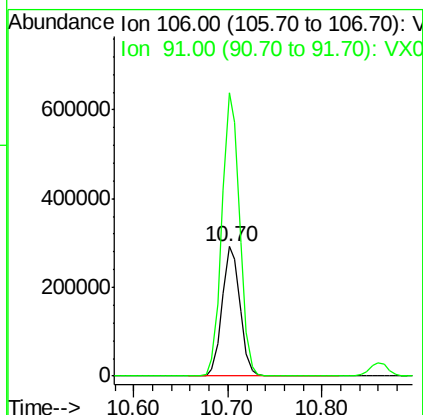
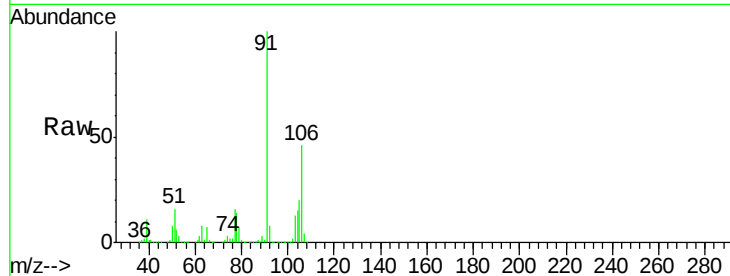




#69
o-Xylene
Concen: 52.72 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

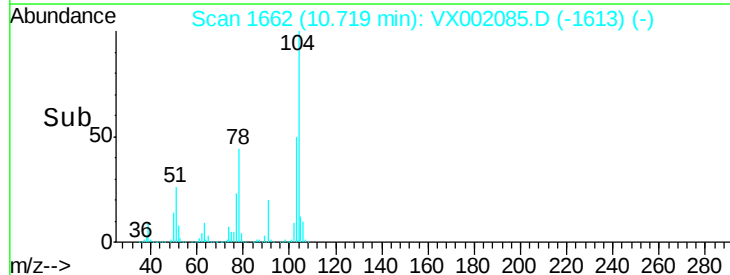
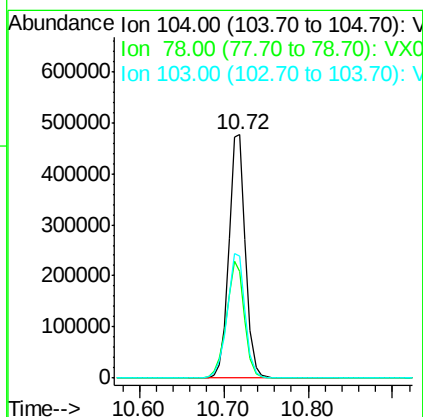
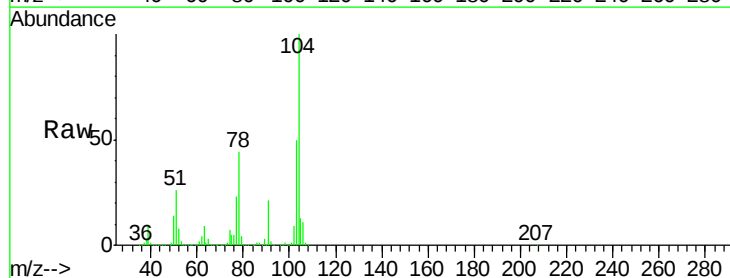
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

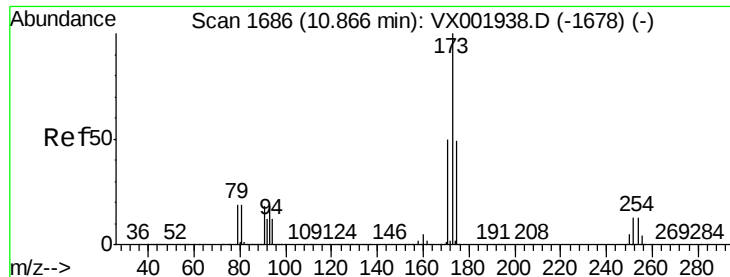
Tot Ion:106 Resp: 383219
Ion Ratio Lower Upper
106 100
91 216.9 108.7 325.9



#70
Styrene
Concen: 53.30 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

Tgt Ion:104 Resp: 642541
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.6
103 55.4 44.6 67.0





#71

Bromoform

Concen: 47.84 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

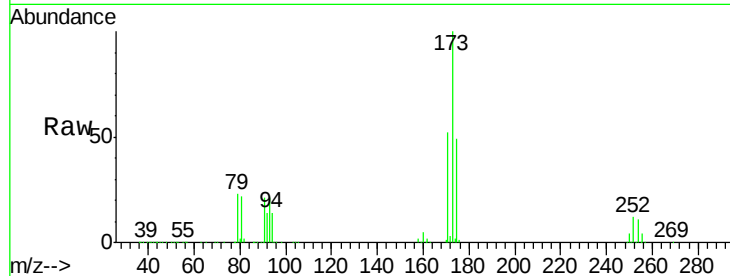
Tot Ion:173 Resp: 200764

Ion Ratio Lower Upper

173 100

175 49.2 24.3 72.9

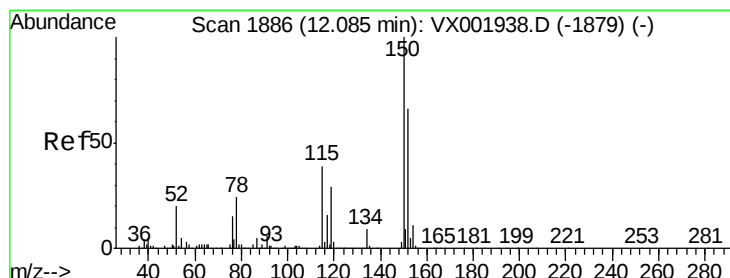
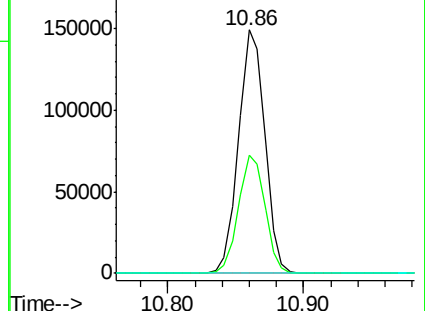
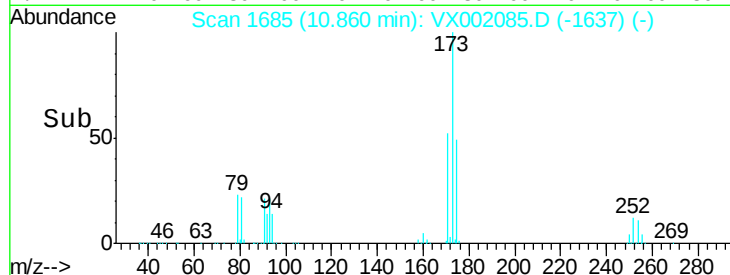
254 0.2 0.1 0.1#



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: VX002085.D

Acq: 29 May 2018 10:24

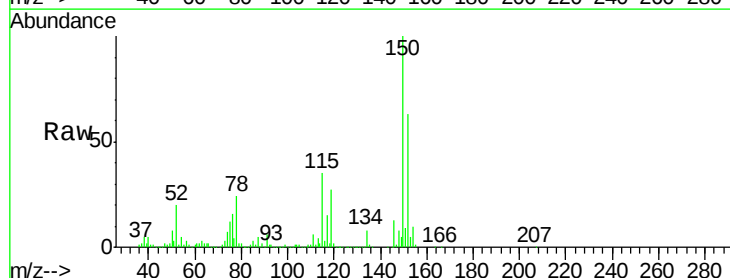
Tgt Ion:152 Resp: 245559

Ion Ratio Lower Upper

152 100

115 86.3 42.3 126.8

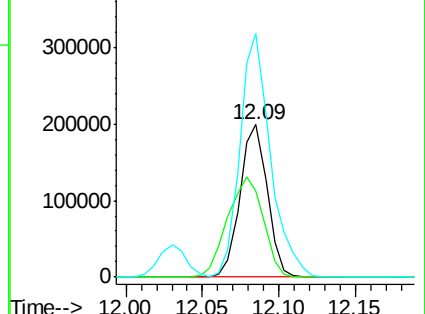
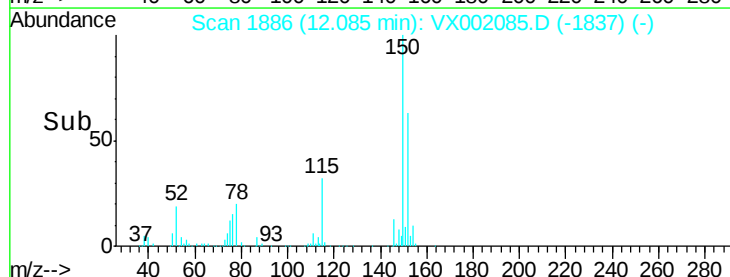
150 179.0 0.0 351.0

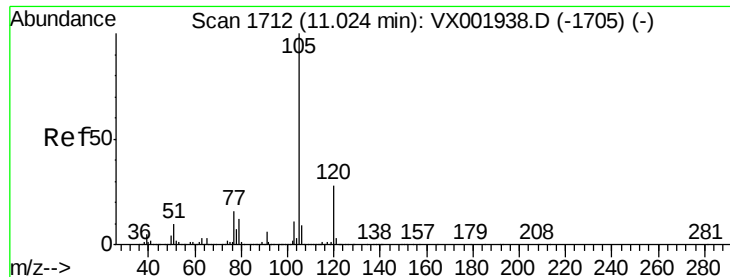


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.53 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

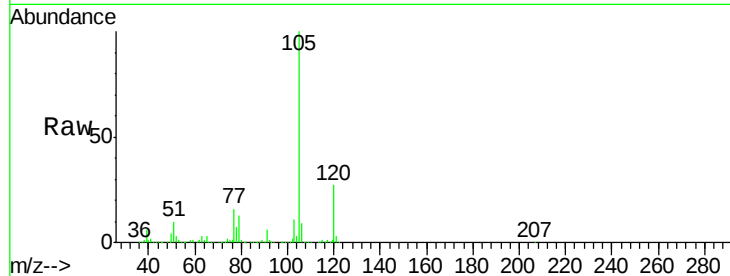
VSTDCCC050

Tot Ion:105 Resp: 1050795

Ion Ratio Lower Upper

105 100

120 26.6 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

800000

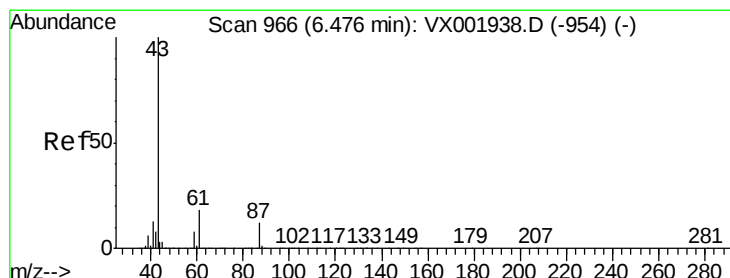
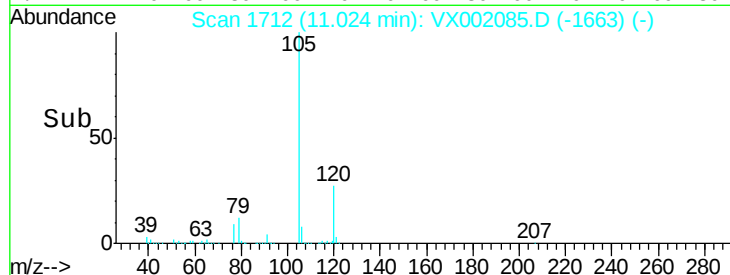
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 49.23 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Tgt Ion: 43 Resp: 531542

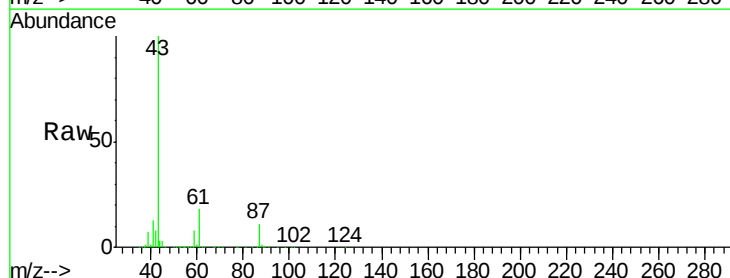
Ion Ratio Lower Upper

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

300000

250000

200000

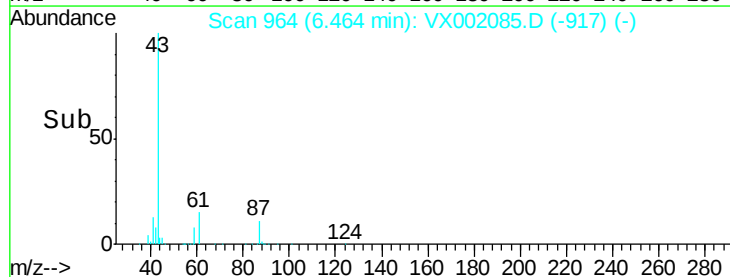
150000

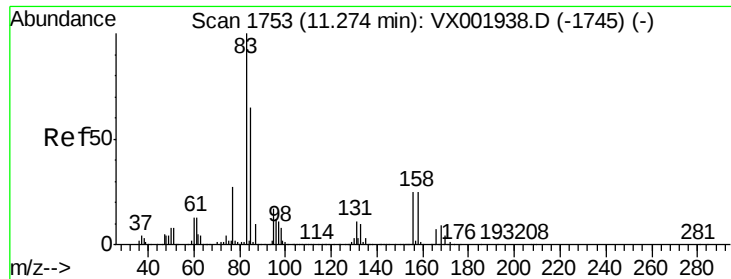
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.88 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

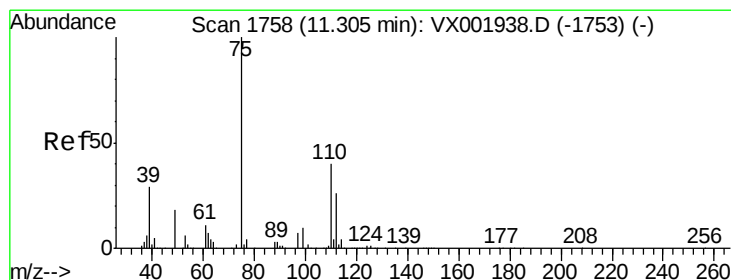
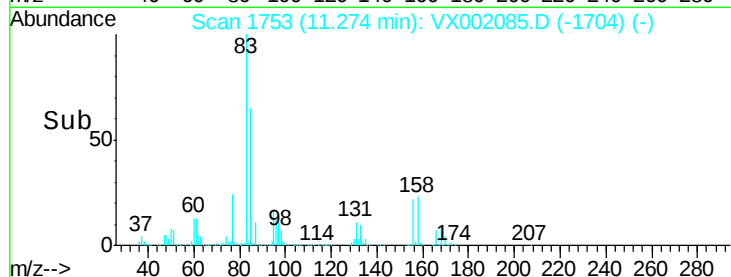
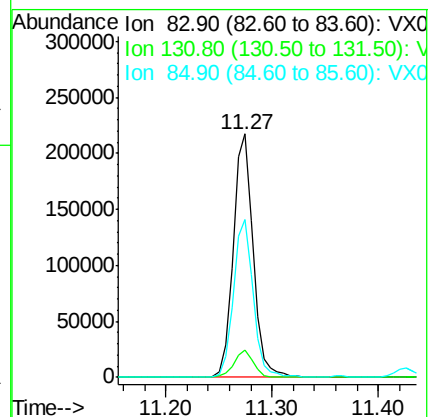
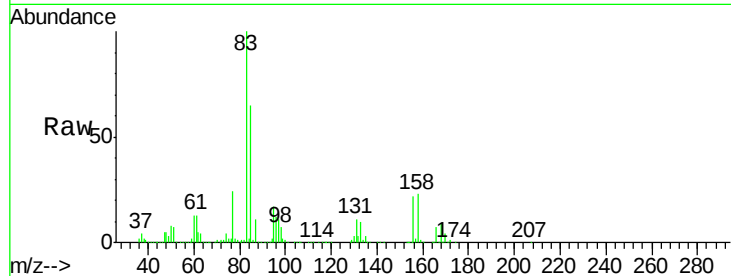
Tot Ion: 83 Resp: 283706

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

85 64.6 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 64.99 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002085.D

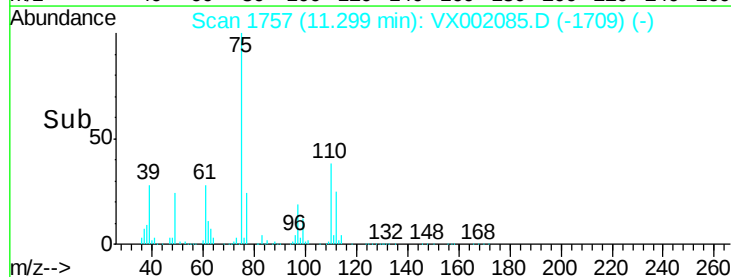
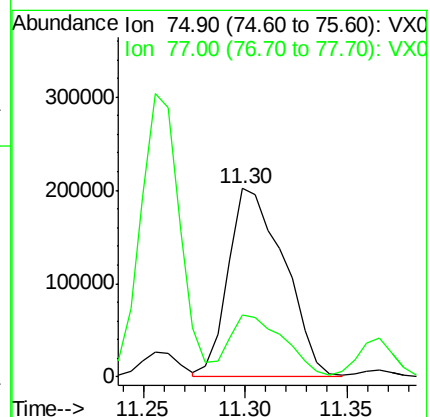
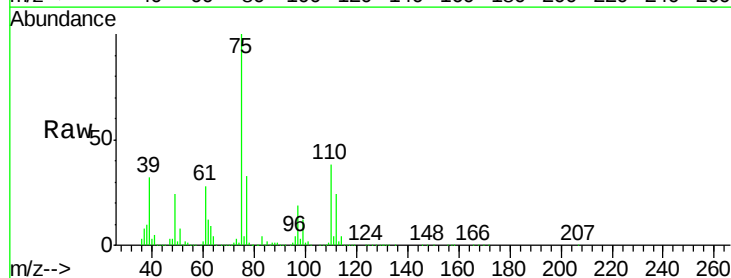
Acq: 29 May 2018 10:24

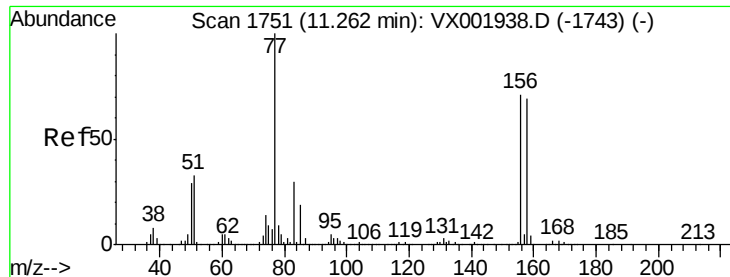
Tgt Ion: 75 Resp: 383297

Ion Ratio Lower Upper

75 100

77 32.8 22.8 68.3





#77

Bromobenzene

Concen: 49.71 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

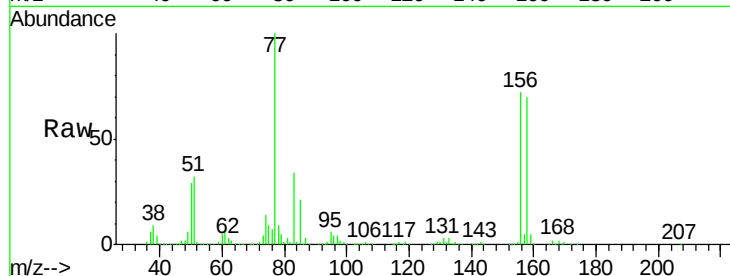
Tot Ion:156 Resp: 274261

Ion Ratio Lower Upper

156 100

77 147.0 75.2 225.6

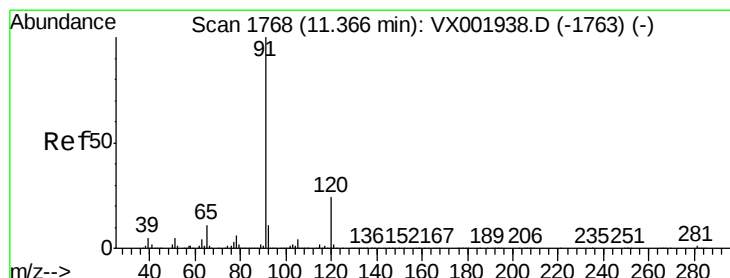
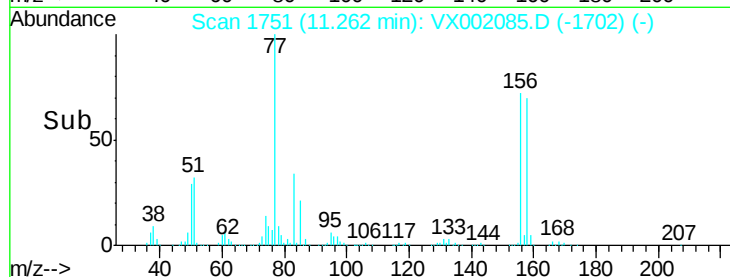
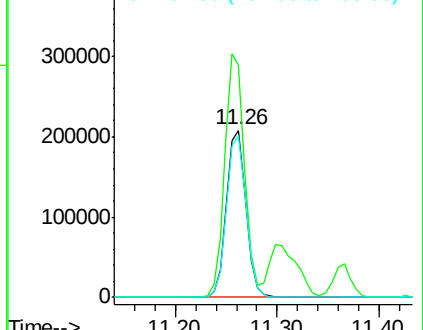
158 97.5 48.6 145.8



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: 52.35 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002085.D

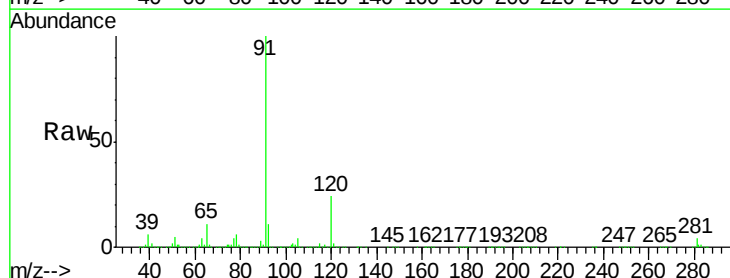
Acq: 29 May 2018 10:24

Tgt Ion: 91 Resp: 1219170

Ion Ratio Lower Upper

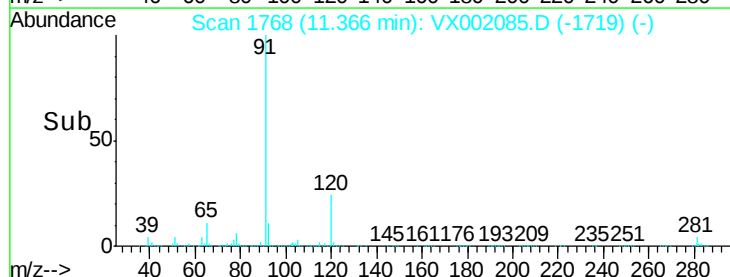
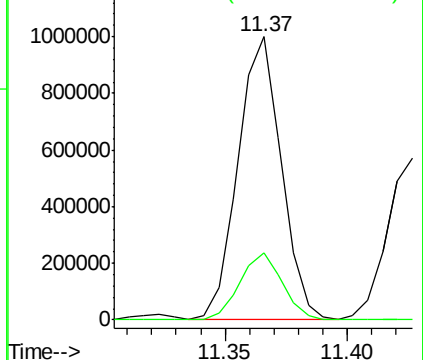
91 100

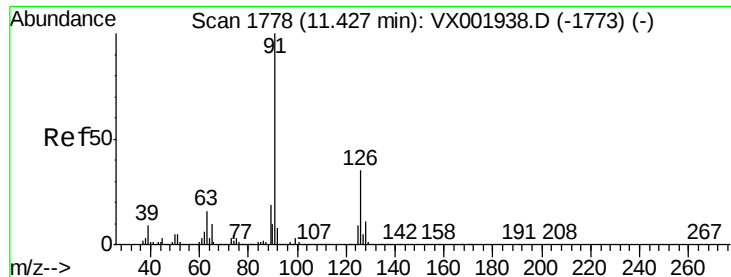
120 23.5 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.97 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

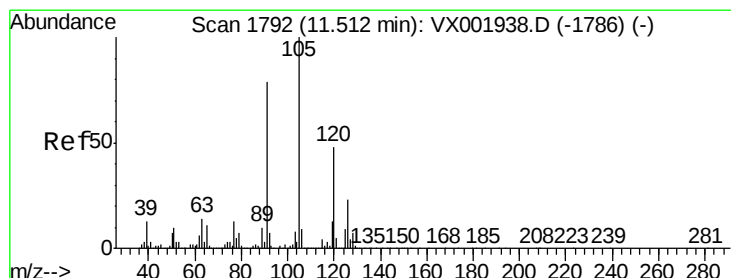
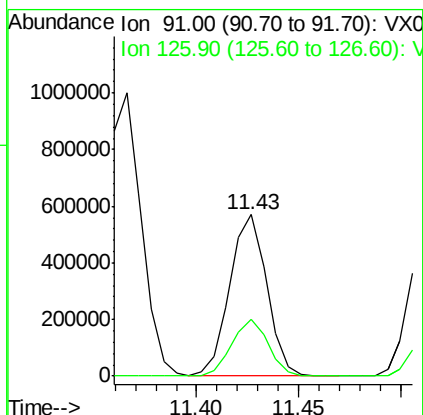
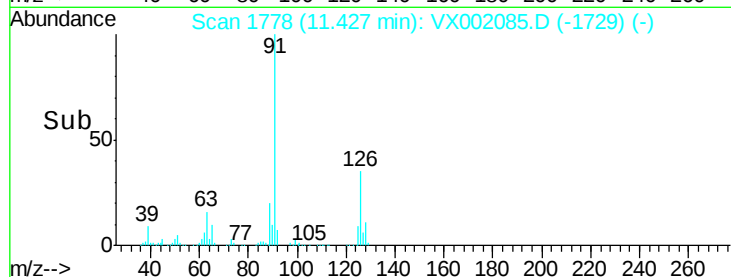
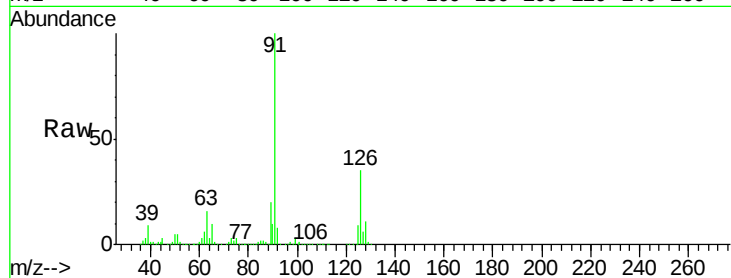
VSTDCCC050

Tot Ion: 91 Resp: 711536

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 51.27 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002085.D

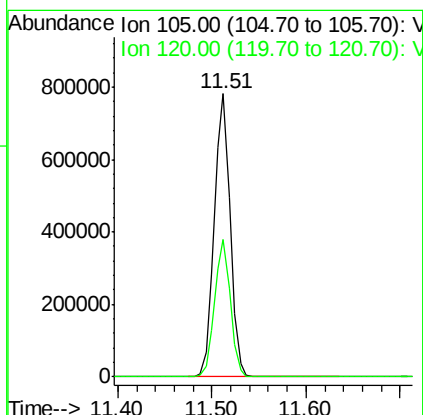
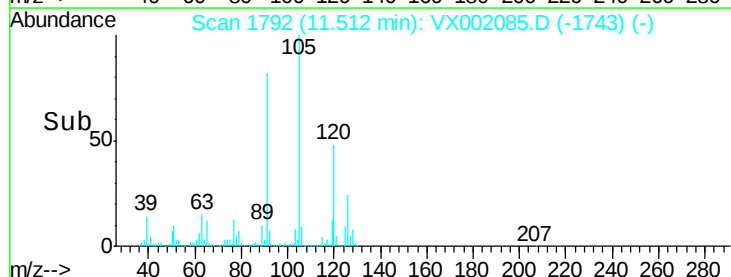
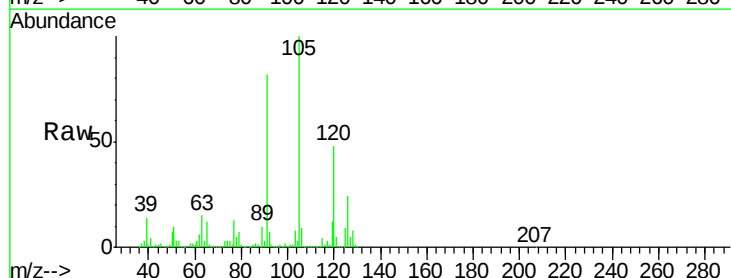
Acq: 29 May 2018 10:24

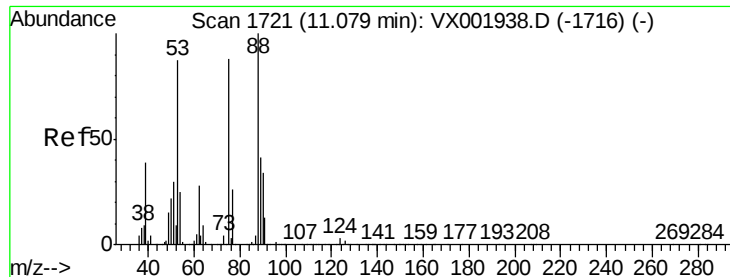
Tgt Ion: 105 Resp: 911168

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.20 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

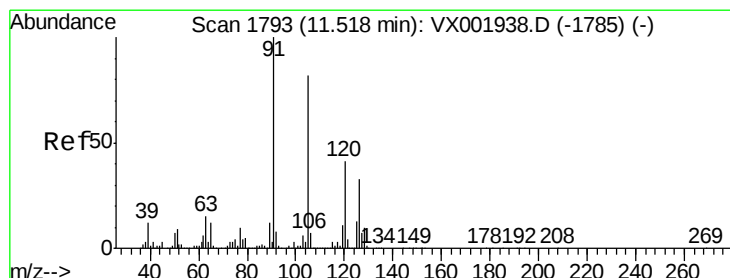
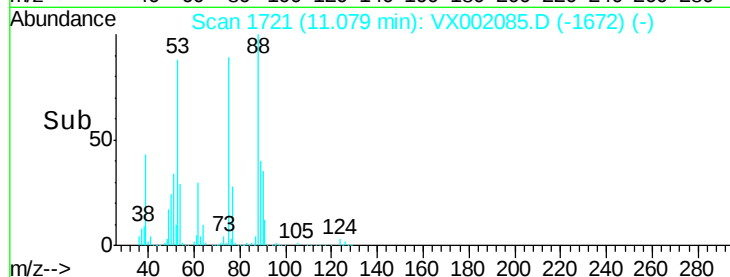
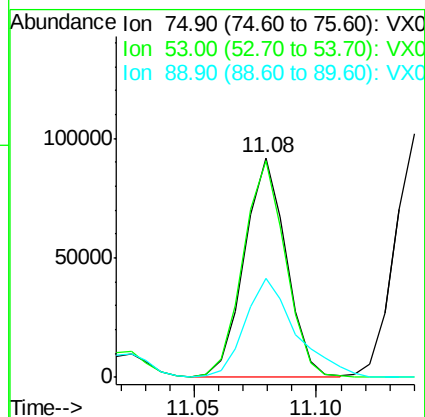
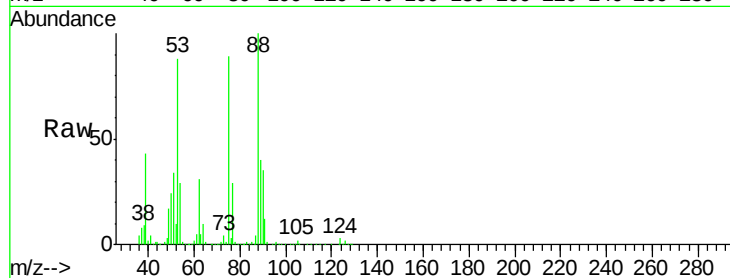
Tot Ion: 75 Resp: 108462

Ion Ratio Lower Upper

75 100

53 100.2 78.0 117.0

89 55.2 39.4 59.2



#82

4-Chlorotoluene

Concen: 51.33 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002085.D

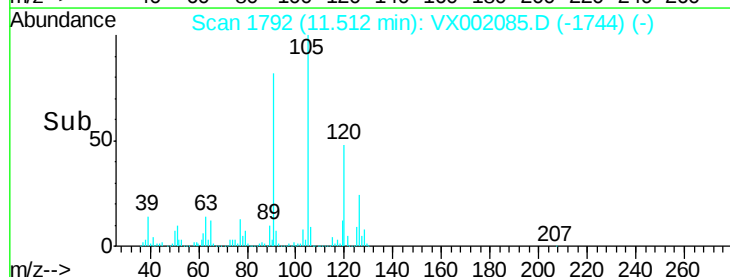
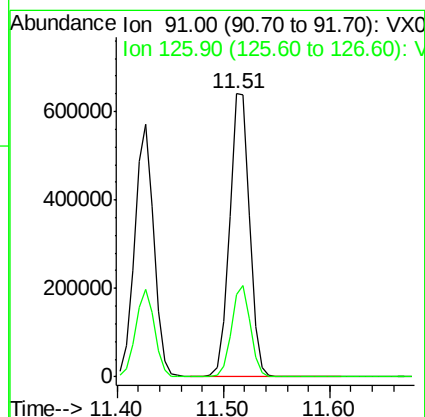
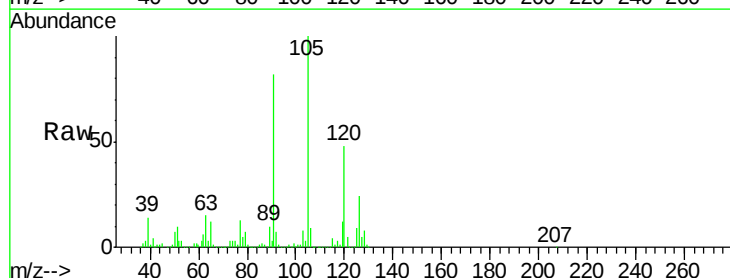
Acq: 29 May 2018 10:24

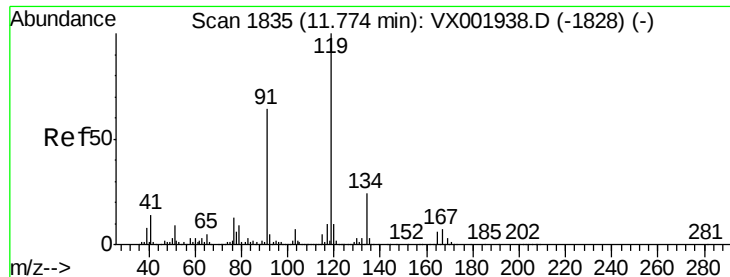
Tgt Ion: 91 Resp: 843115

Ion Ratio Lower Upper

91 100

126 30.4 15.3 45.8

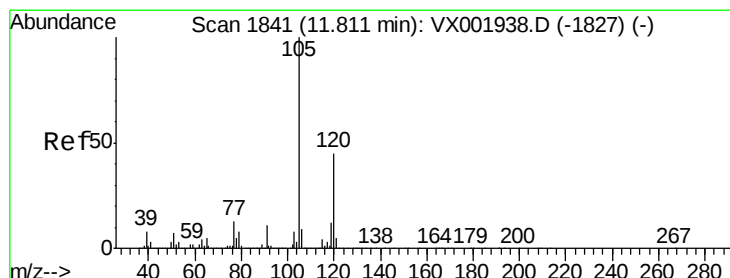
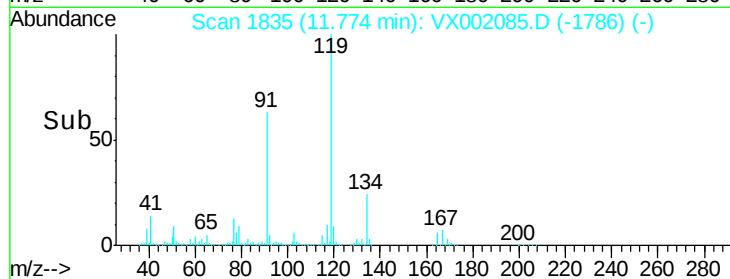
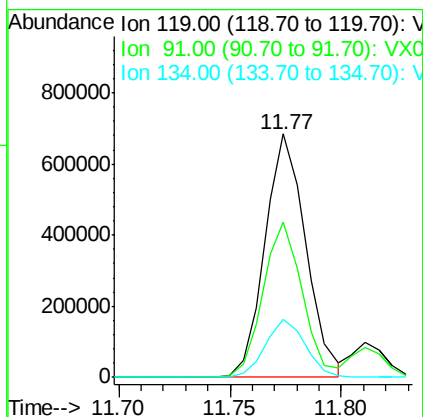
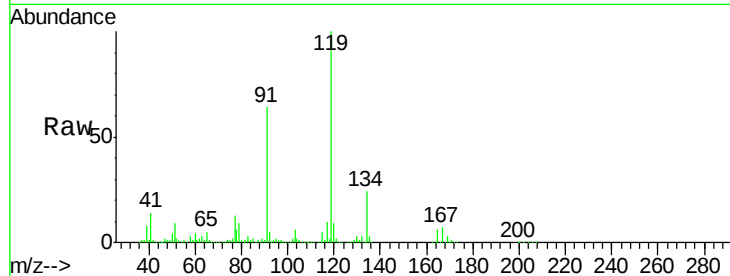




#83
 tert-Butylbenzene
 Concen: 49.98 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

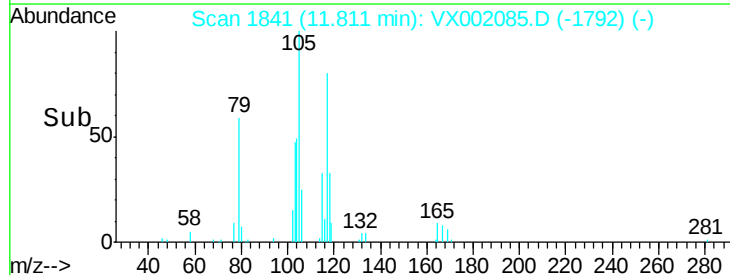
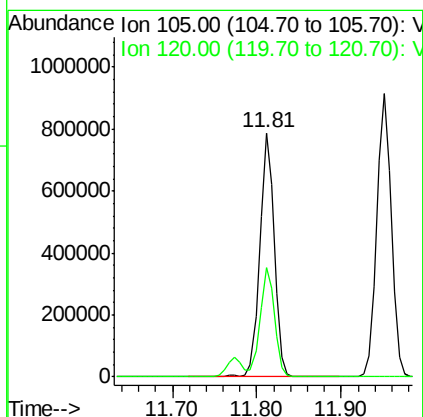
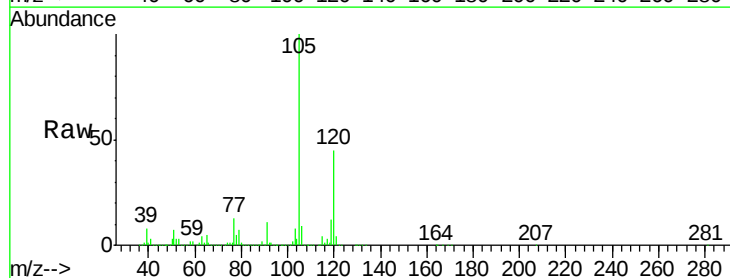
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

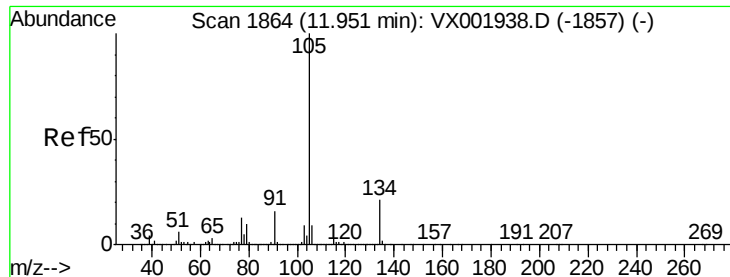
Tot Ion:119 Resp: 871593
 Ion Ratio Lower Upper
 119 100
 91 61.5 30.6 91.8
 134 23.2 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.38 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

Tgt Ion:105 Resp: 925141
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.5





#85

sec-Butylbenzene

Concen: 52.37 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampled :

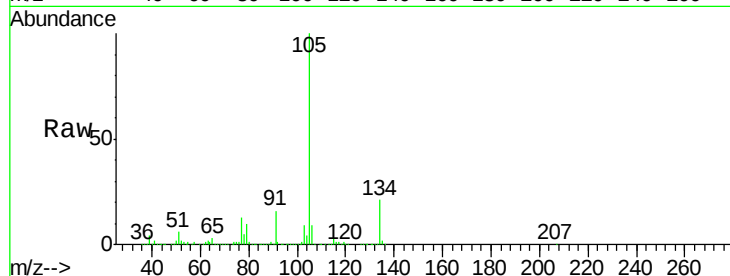
VSTDCCC050

Tot Ion:105 Resp: 1097805

Ion Ratio Lower Upper

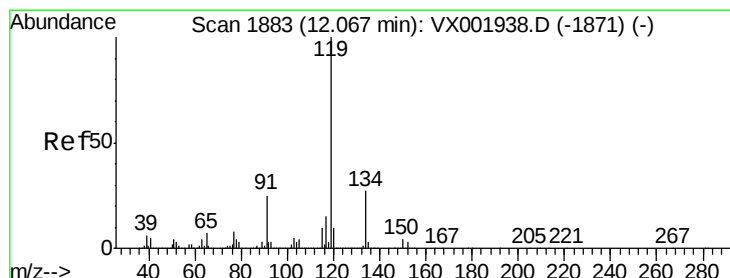
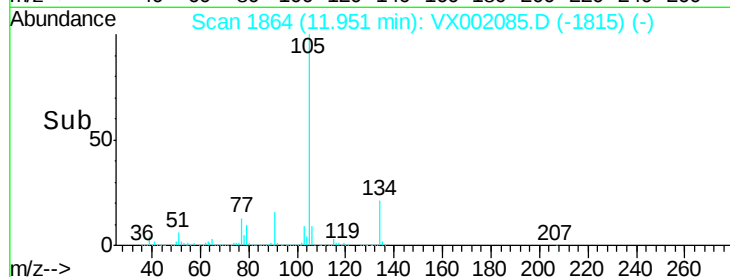
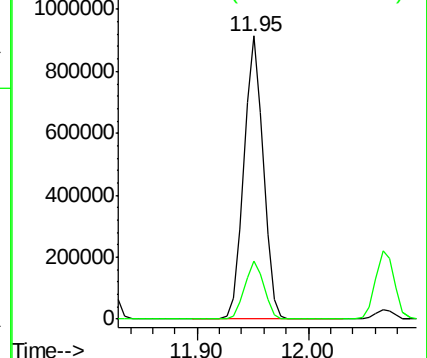
105 100

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: 53.18 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

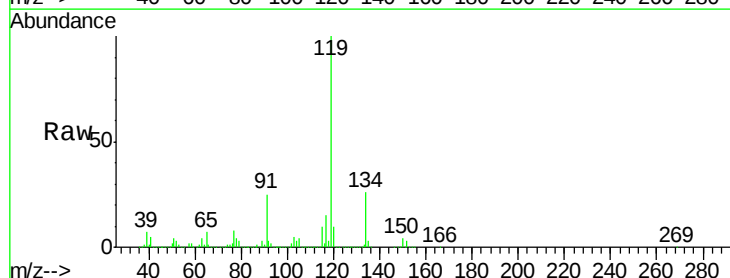
Tgt Ion:119 Resp: 997480

Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

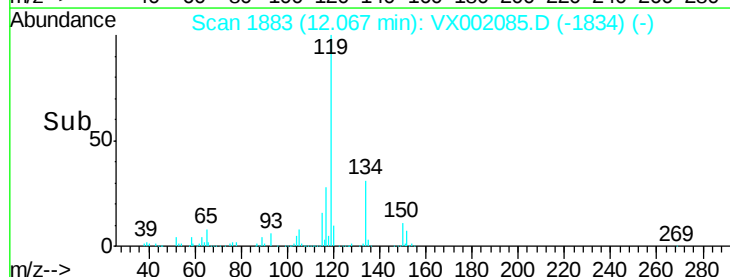
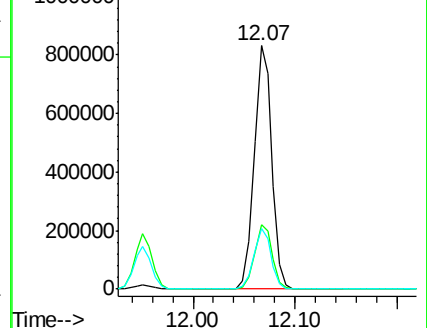
91 24.3 12.2 36.4

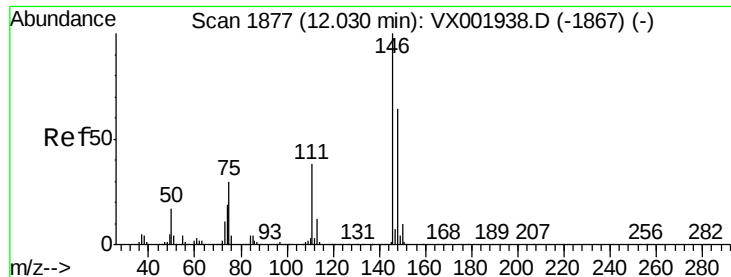


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

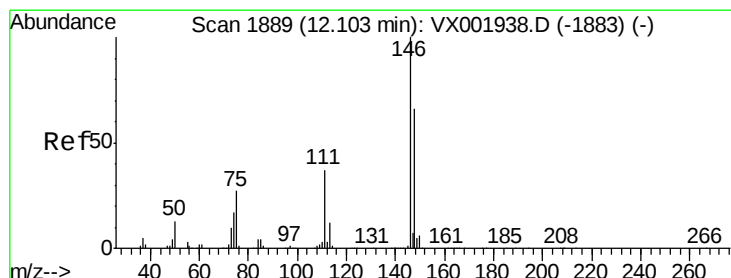
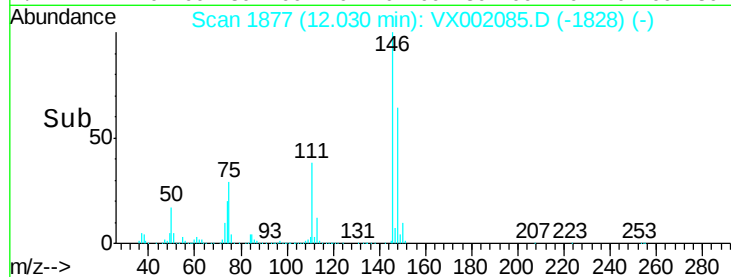
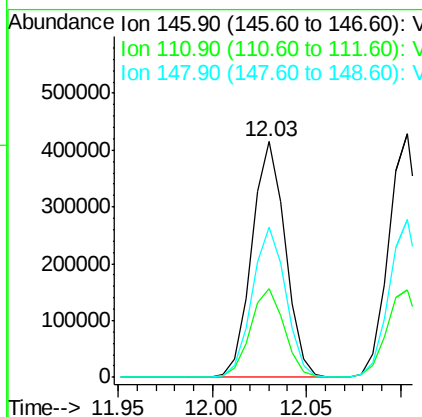
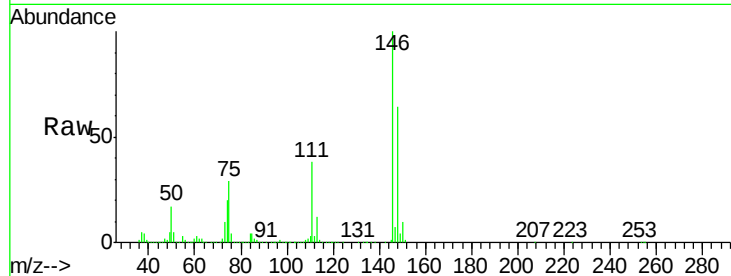




#87
 1,3-Dichlorobenzene
 Concen: 51.60 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

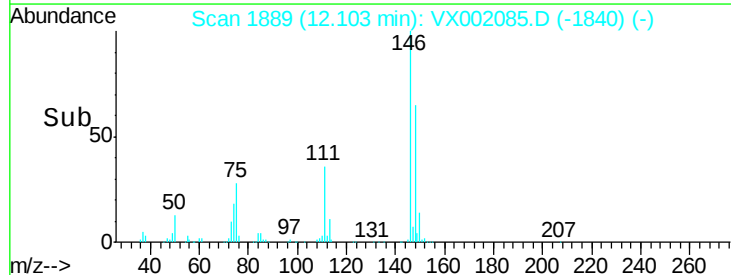
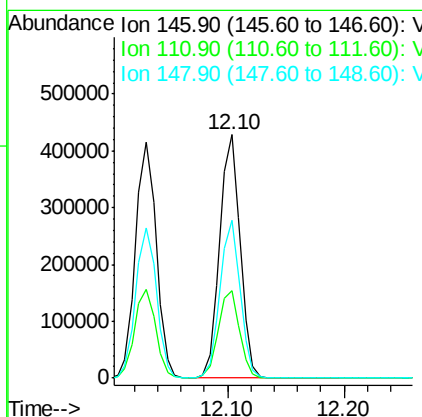
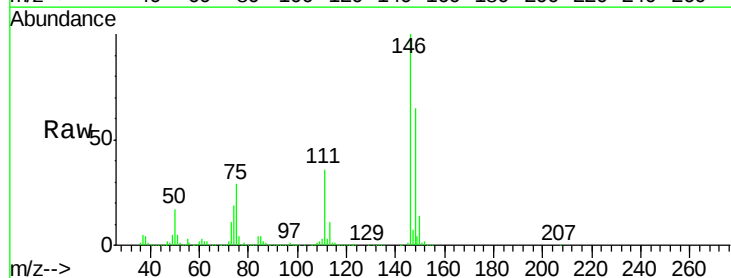
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

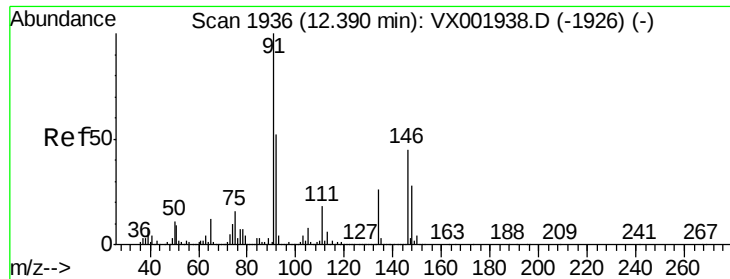
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.8
148	64.0	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 52.36 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.5
148	64.1	32.3	96.8

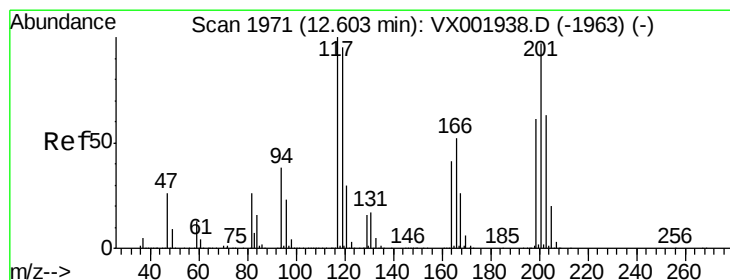
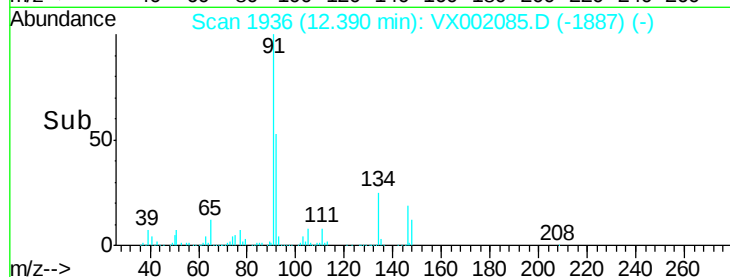
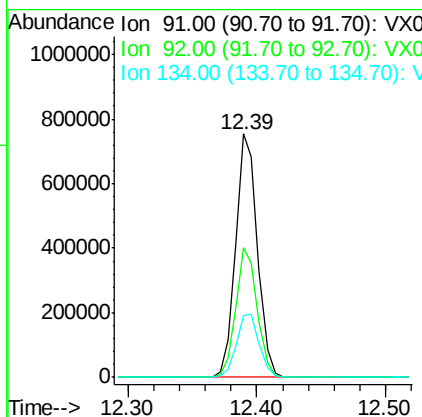
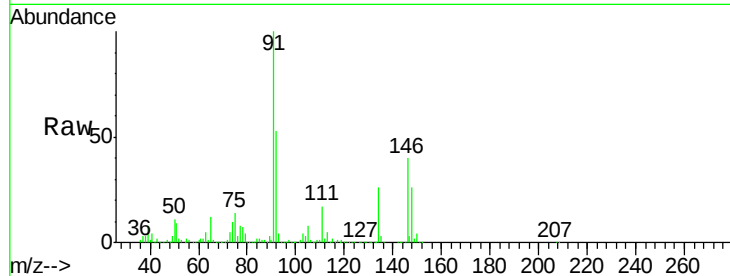




#89
n-Butylbenzene
Concen: 55.68 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

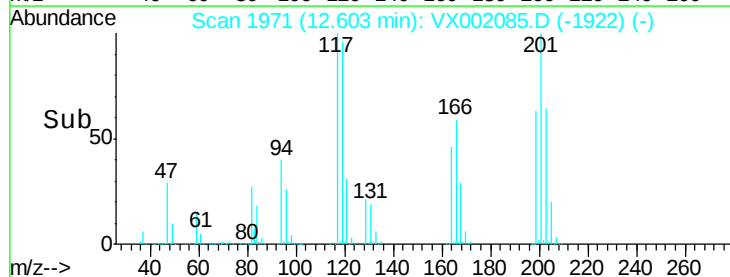
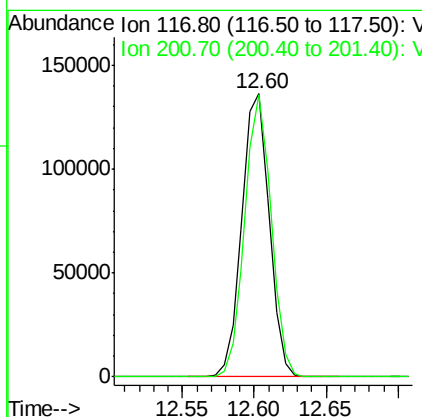
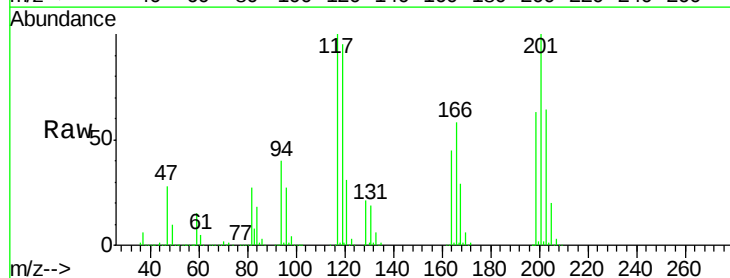
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

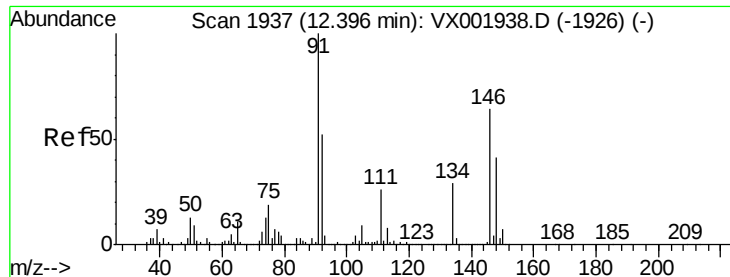
Tot Ion: 91 Resp: 885053
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.9
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 48.56 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002085.D
Acq: 29 May 2018 10:24

Tgt Ion: 117 Resp: 179686
Ion Ratio Lower Upper
117 100
201 96.0 48.0 144.0

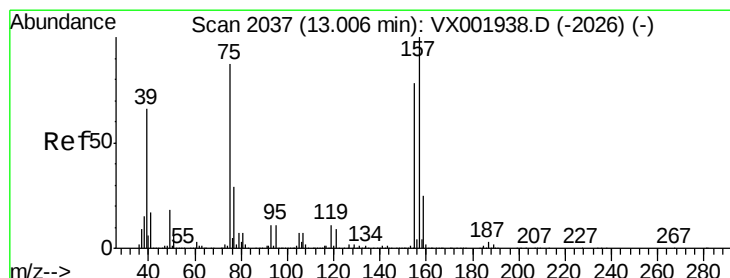
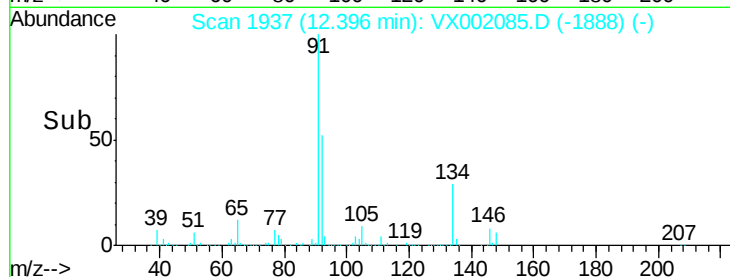
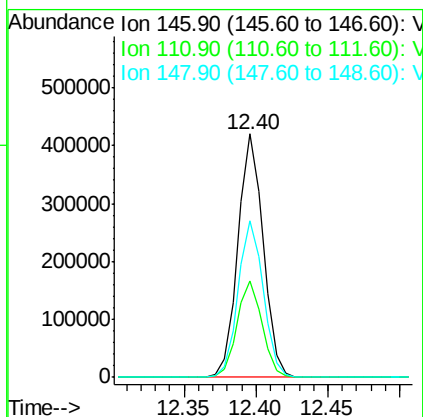
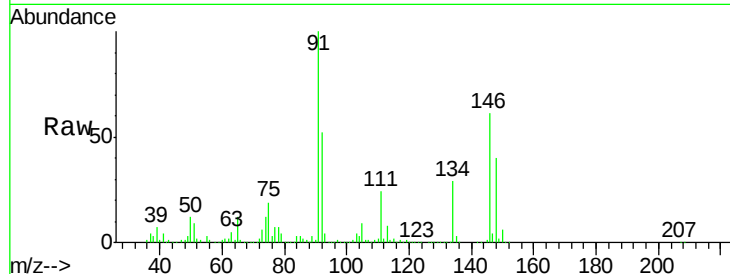




#91
 1,2-Dichlorobenzene
 Concen: 50.86 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

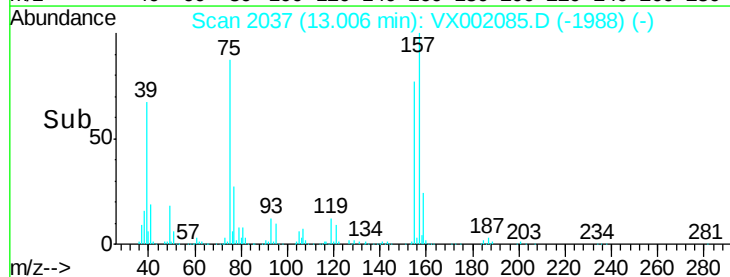
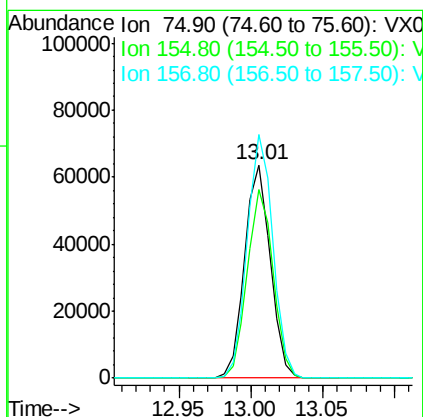
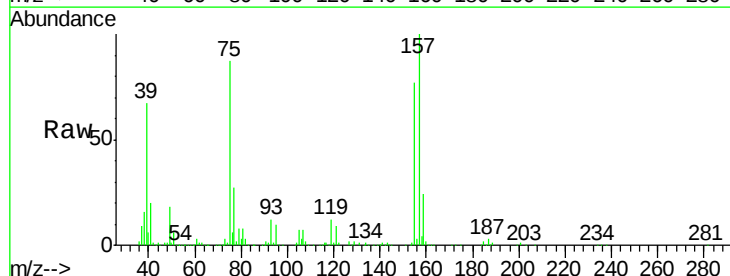
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

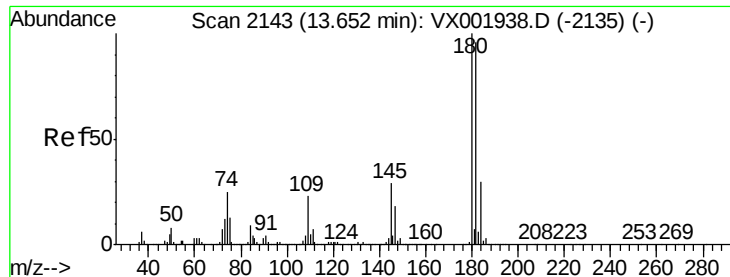
Tot Ion:146 Resp: 511954
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.8 59.3
 148 64.4 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.52 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

Tgt Ion: 75 Resp: 78615
 Ion Ratio Lower Upper
 75 100
 155 88.3 45.1 135.2
 157 113.2 58.1 174.2

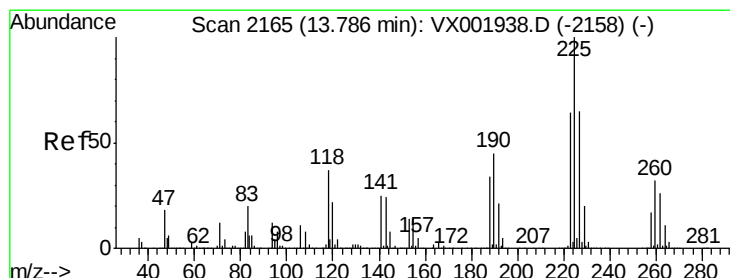
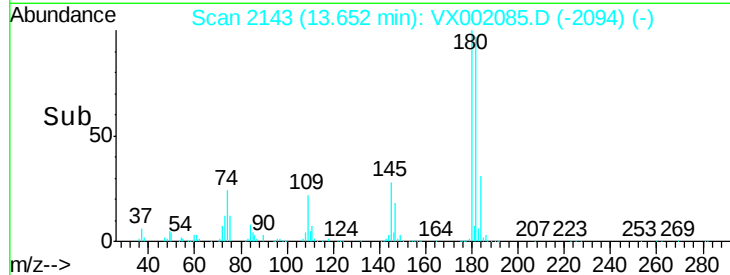
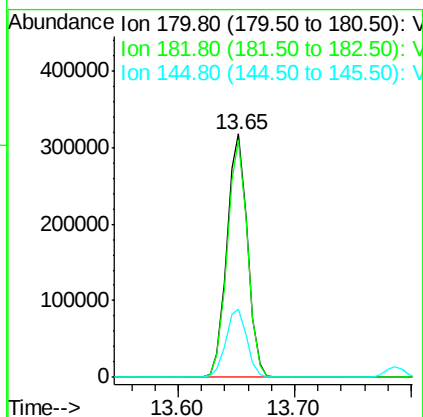
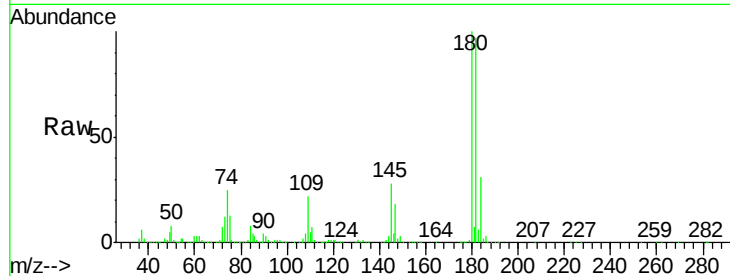




#93
 1,2,4-Trichlorobenzene
 Concen: 53.84 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

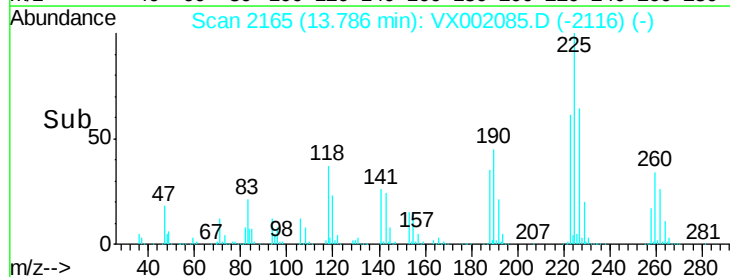
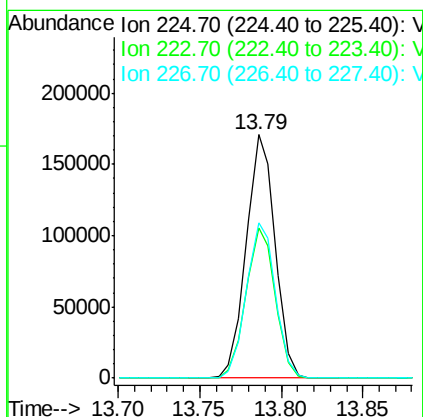
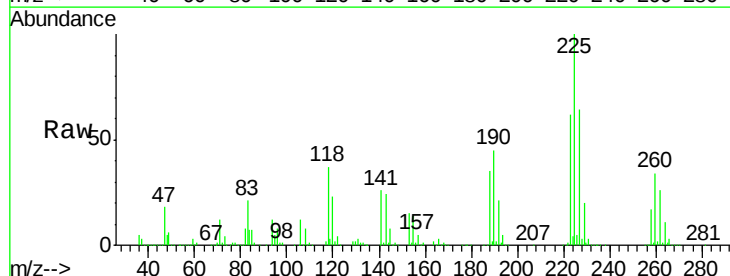
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

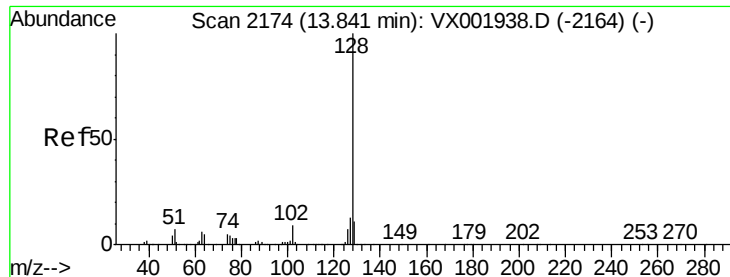
Tot Ion:180 Resp: 387541
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.7 143.1
 145 28.4 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 54.39 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002085.D
 Acq: 29 May 2018 10:24

Tgt Ion:225 Resp: 210595
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.5
 227 64.6 32.1 96.5





#95

Naphthalene

Concen: 48.83 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

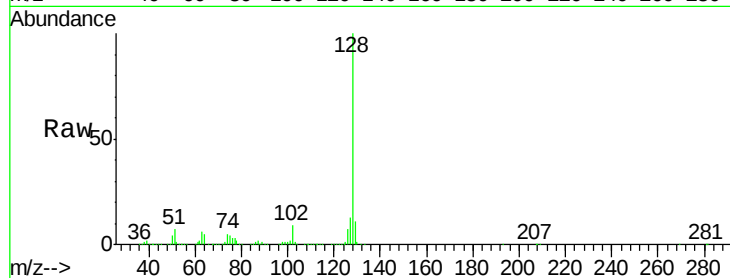
Tot Ion:128 Resp: 1083007

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

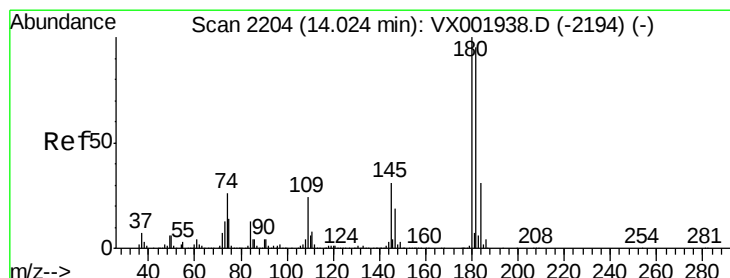
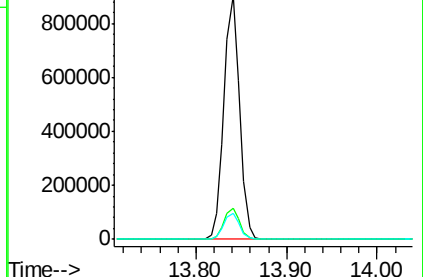
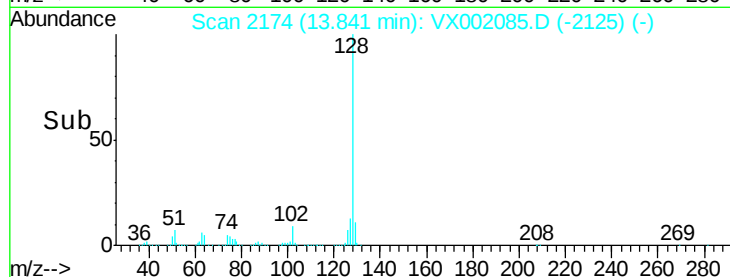
129 10.9 8.8 13.2



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: 52.72 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002085.D

Acq: 29 May 2018 10:24

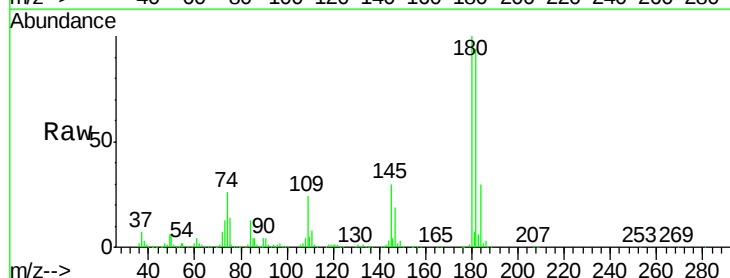
Tgt Ion:180 Resp: 392652

Ion Ratio Lower Upper

180 100

182 95.1 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

