

Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002294.D
 Acq On : 05 Jun 2018 07:11
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 05 07:59:47 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	391620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	372807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238260	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	181599	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
35) Dibromofluoromethane	5.51	113	141275	45.87	ug/l	0.00
Spiked Amount			Recovery	=	91.74%	
50) Toluene-d8	8.72	98	543970	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	
62) 4-Bromofluorobenzene	11.14	95	208403	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	148832	53.42	ug/l	100
3) Chloromethane	1.32	50	168952	53.10	ug/l	98
4) Vinyl Chloride	1.41	62	182198	51.89	ug/l	99
5) Bromomethane	1.64	94	112764	57.23	ug/l	99
6) Chloroethane	1.72	64	114018	50.20	ug/l	100
7) Trichlorofluoromethane	1.93	101	293176	54.80	ug/l	96
8) Diethyl Ether	2.19	74	104796	55.38	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	158665	54.96	ug/l	99
10) Methyl Iodide	2.51	142	218349	53.77	ug/l	100
11) Tert butyl alcohol	3.08	59	210824	269.98	ug/l	99
12) 1,1-Dichloroethene	2.37	96	146585	51.38	ug/l	99
13) Acrolein	2.30	56	100387	264.35	ug/l	98
14) Allyl chloride	2.73	41	285380	46.09	ug/l	99
15) Acrylonitrile	3.15	53	444541	273.44	ug/l	100
16) Acetone	2.45	43	417485	253.55	ug/l	100
17) Carbon Disulfide	2.57	76	367242	48.83	ug/l	99
18) Methyl Acetate	2.78	43	211241	55.30	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	543085	54.89	ug/l	100
20) Methylene Chloride	2.86	84	166116	55.10	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	157141	49.94	ug/l	99
22) Diisopropyl ether	3.88	45	532400	51.51	ug/l	99
23) Vinyl Acetate	3.83	43	2276940	226.84	ug/l	99
24) 1,1-Dichloroethane	3.70	63	302276	49.39	ug/l	99
25) 2-Butanone	4.71	43	595301	226.53	ug/l	99
26) 2,2-Dichloropropane	4.59	77	150467	31.45	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	162521	47.50	ug/l	93
28) Bromochloromethane	5.03	49	137919	53.22	ug/l	97
29) Tetrahydrofuran	5.17	42	393356	232.16	ug/l	99
30) Chloroform	5.22	83	286736	48.55	ug/l	98
31) Cyclohexane	5.58	56	253096	52.30	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	252260	50.37	ug/l	100
36) 1,1-Dichloropropene	5.81	75	207066	50.29	ug/l	100
37) Ethyl Acetate	4.87	43	240160	48.51	ug/l	100
38) Carbon Tetrachloride	5.79	117	221311	51.38	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	250282	49.21	ug/l	98
40) Benzene	6.15	78	627802	49.73	ug/l	99
41) Methacrylonitrile	5.07	41	134085	47.31	ug/l	98
42) 1,2-Dichloroethane	6.20	62	244062	48.66	ug/l	100
43) Isopropyl Acetate	6.47	43	399586	47.52	ug/l	100
44) Trichloroethene	7.22	130	180318	51.47	ug/l	98
45) 1,2-Dichloropropane	7.52	63	167618	49.18	ug/l	99
46) Dibromomethane	7.67	93	110905	48.01	ug/l	99
47) Bromodichloromethane	7.90	83	206843	49.50	ug/l	98
48) Methyl methacrylate	7.78	41	206304	48.84	ug/l	99
49) 1,4-Dioxane	7.76	88	78512	994.03	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1285481	245.46	ug/l	100
52) Toluene	8.79	92	408699	50.90	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	239023	47.70	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	222561	47.08	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	164019	49.67	ug/l	98
56) Ethyl methacrylate	9.18	69	257930	48.92	ug/l	99
57) 1,3-Dichloropropane	9.38	76	271379	48.99	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	601949	246.69	ug/l	100
59) 2-Hexanone	9.50	43	980274	242.33	ug/l	99
60) Dibromochloromethane	9.59	129	171737	51.71	ug/l	99
61) 1,2-Dibromoethane	9.68	107	175432	50.95	ug/l	99
64) Tetrachloroethene	9.34	164	202906	52.77	ug/l	98
65) Chlorobenzene	10.14	112	466926	50.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	170574	50.78	ug/l	100
67) Ethyl Benzene	10.26	91	805487	51.89	ug/l	99
68) m/p-Xylenes	10.37	106	631843	104.70	ug/l	100
69) o-Xylene	10.70	106	309805	51.59	ug/l	99
70) Styrene	10.71	104	516841	52.64	ug/l	100
71) Bromoform	10.86	173	132090	44.33	ug/l	99
73) Isopropylbenzene	11.02	105	834950	50.38	ug/l	100
74) N-amyl acetate	6.47	43	399586	44.74	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	242178	46.46	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	280906	53.73	ug/l	80
77) Bromobenzene	11.26	156	227432	48.88	ug/l	98
78) n-propylbenzene	11.37	91	953739	51.77	ug/l	100
79) 2-Chlorotoluene	11.43	91	560839	48.21	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	714273	50.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	60145	40.33	ug/l	96
82) 4-Chlorotoluene	11.52	91	670421	49.93	ug/l	100
83) tert-Butylbenzene	11.77	119	692041	49.99	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	740465	50.60	ug/l	100
85) sec-Butylbenzene	11.95	105	858905	52.92	ug/l	100
86) p-Isopropyltoluene	12.07	119	768528	51.99	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	414973	49.88	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	416969	48.62	ug/l	99
89) n-Butylbenzene	12.39	91	655130	52.84	ug/l	100
90) Hexachloroethane	12.60	117	117878	49.95	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	420043	48.80	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55974	49.10	ug/l	99

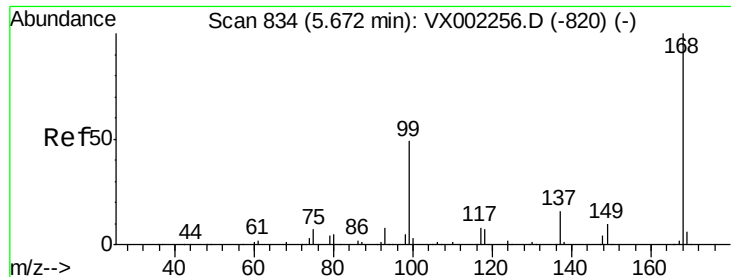
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	300340	49.76	ug/l	99
94) Hexachlorobutadiene	13.79	225	158768	53.23	ug/l	98
95) Naphthalene	13.84	128	870867	50.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	313992	51.01	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

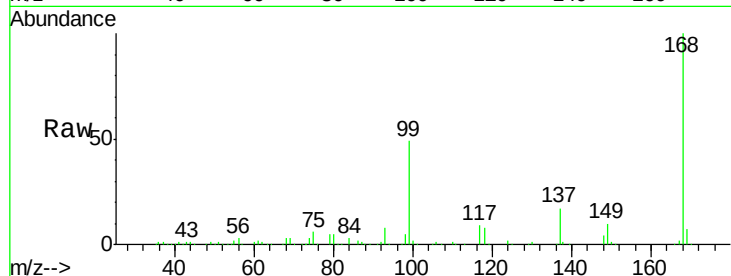
VSTDCCC050EC

Tot Ion:168 Resp: 268017

Ion Ratio Lower Upper

168 100

99 49.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

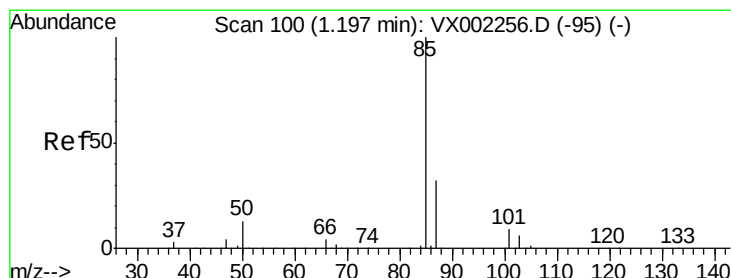
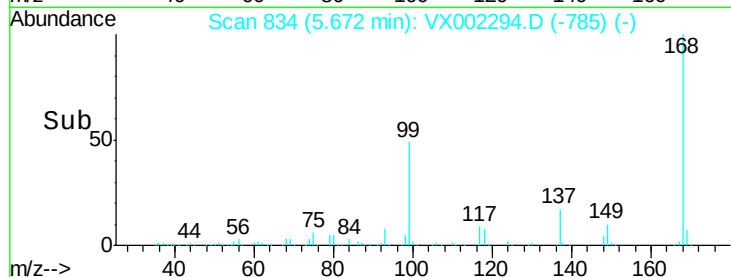
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 53.42 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002294.D

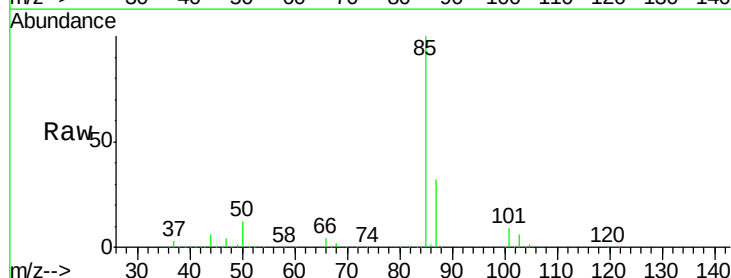
Acq: 05 Jun 2018 07:11

Tgt Ion: 85 Resp: 148832

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

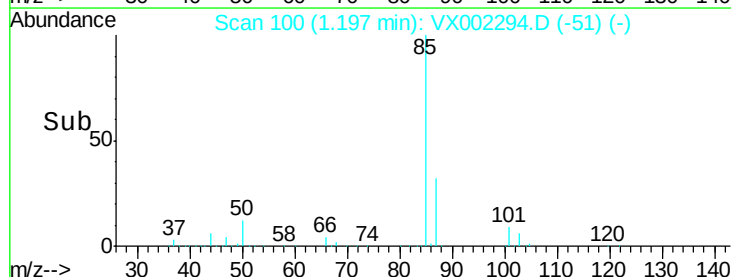
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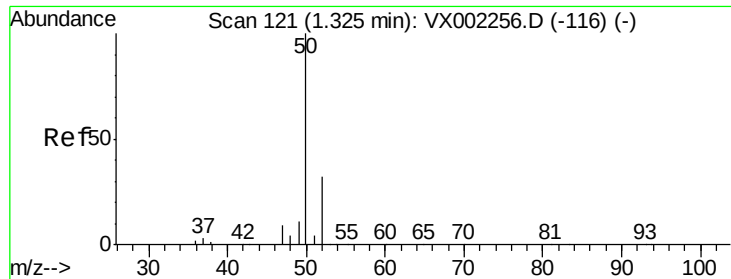
50000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 53.10 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

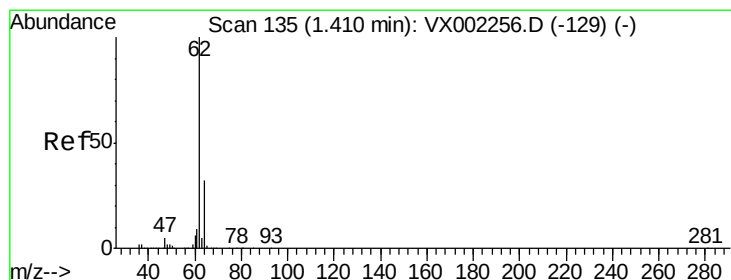
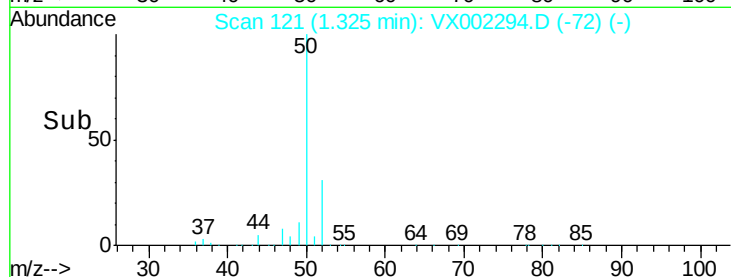
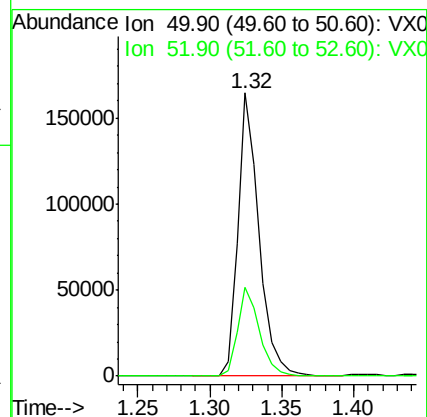
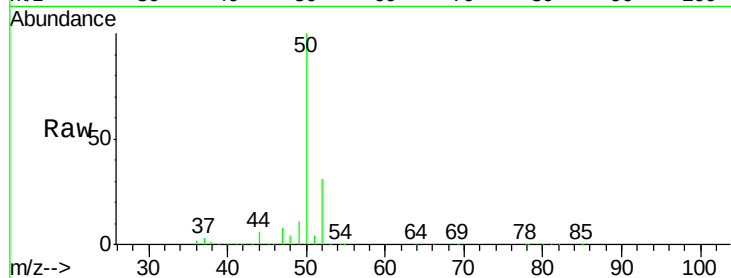
VSTDCCC050EC

Tot Ion: 50 Resp: 168952

Ion Ratio Lower Upper

50 100

52 31.2 25.7 38.5



#4

Vinyl Chloride

Concen: 51.89 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002294.D

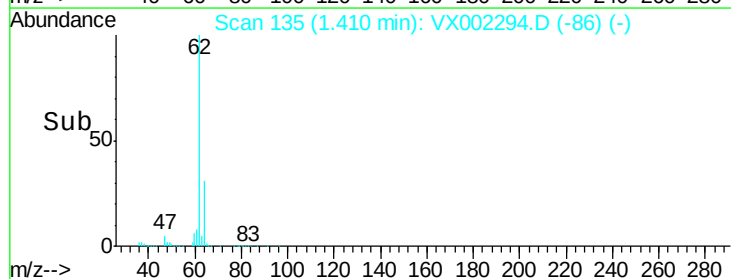
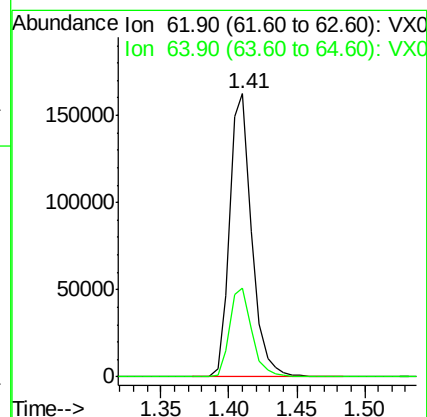
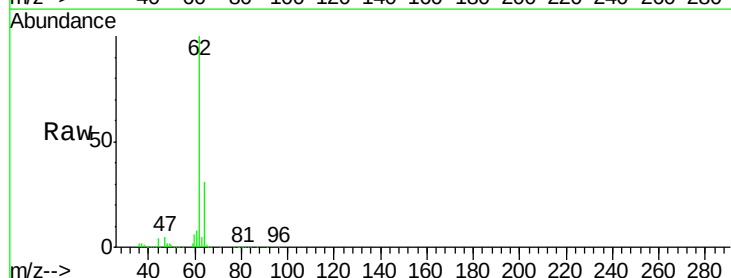
Acq: 05 Jun 2018 07:11

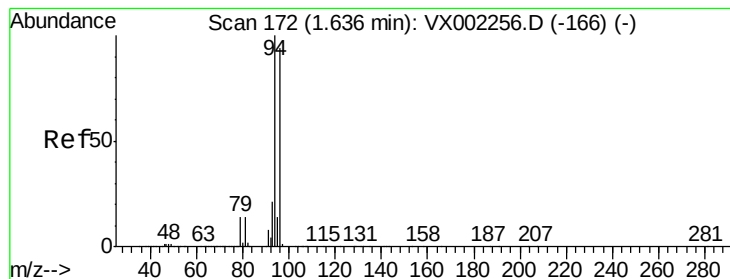
Tgt Ion: 62 Resp: 182198

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 57.23 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

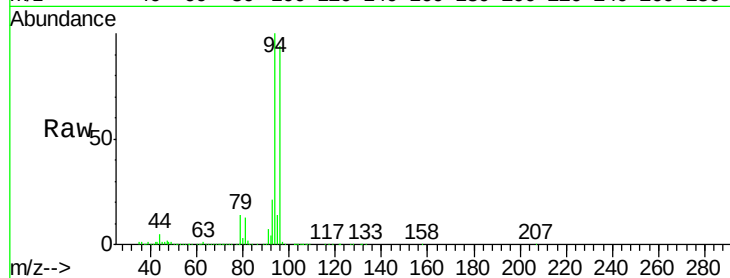
VSTDCCC050EC

Tot Ion: 94 Resp: 112764

Ion Ratio Lower Upper

94 100

96 94.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

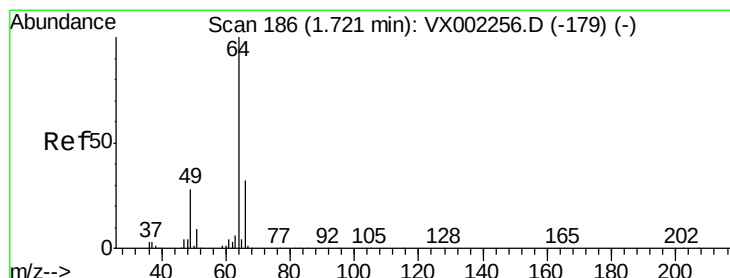
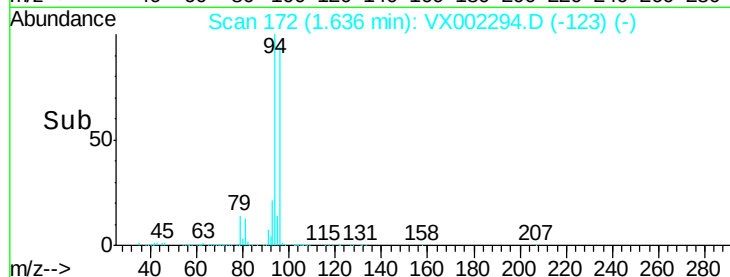
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 50.20 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002294.D

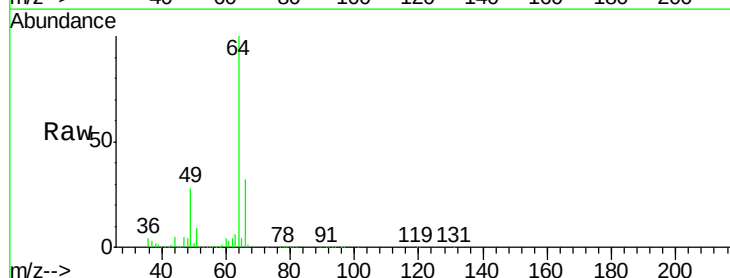
Acq: 05 Jun 2018 07:11

Tgt Ion: 64 Resp: 114018

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

100000

80000

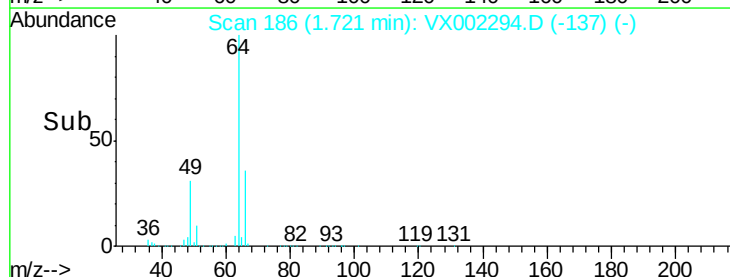
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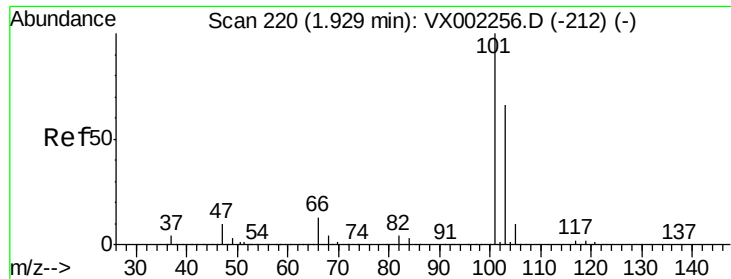
40000

20000

0

Time-->





#7

Trichlorofluoromethane

Concen: 54.80 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

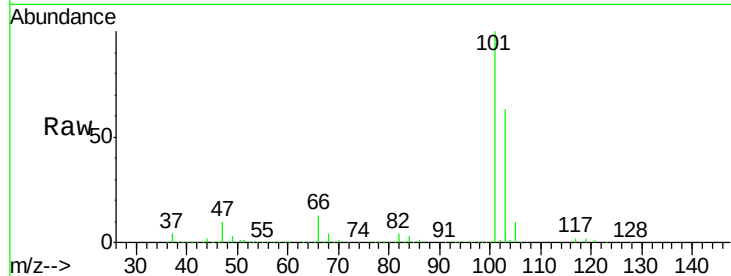
VSTDCCC050EC

Tot Ion:101 Resp: 293176

Ion Ratio Lower Upper

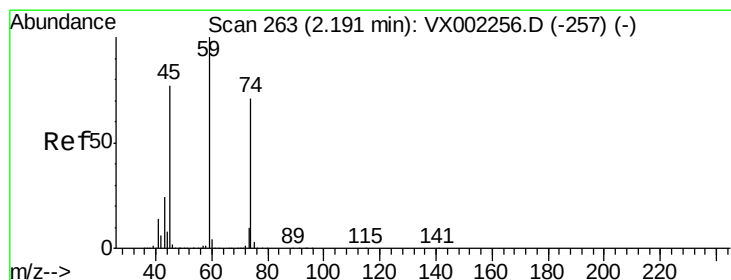
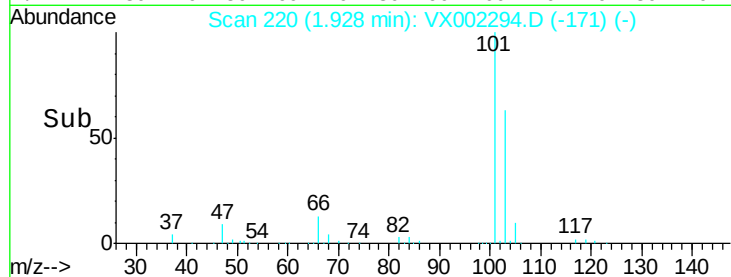
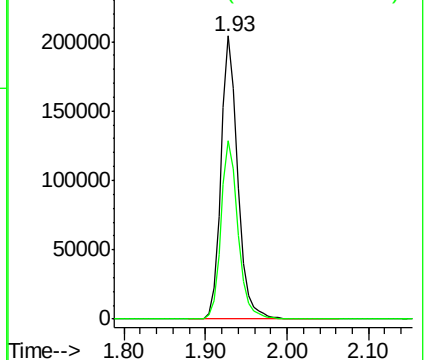
101 100

103 63.1 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 55.38 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002294.D

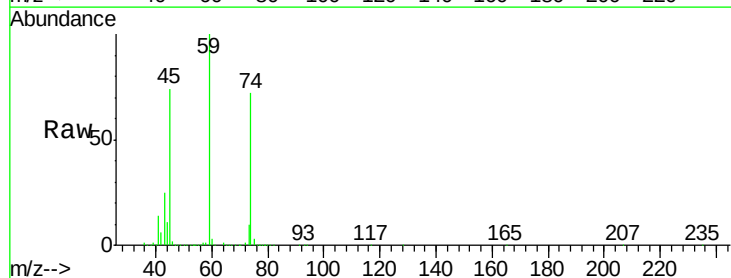
Acq: 05 Jun 2018 07:11

Tgt Ion: 74 Resp: 104796

Ion Ratio Lower Upper

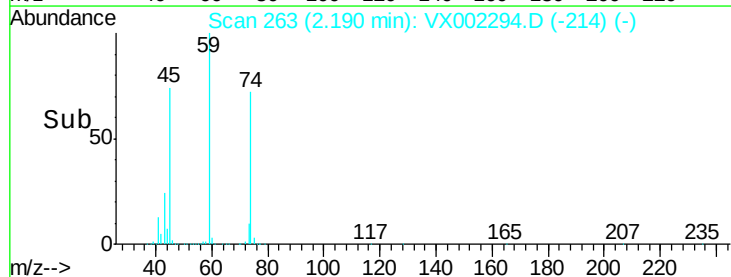
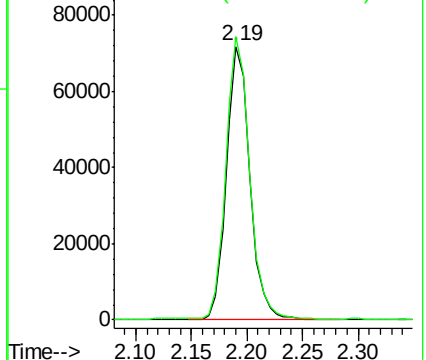
74 100

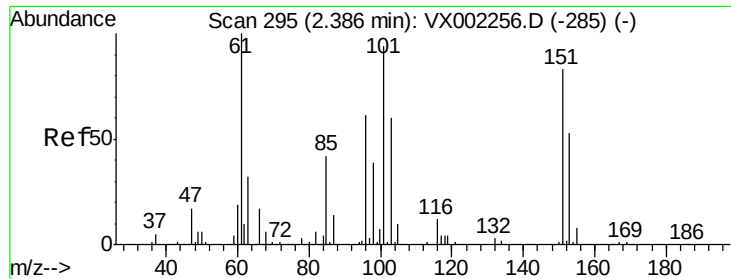
45 103.6 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.96 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

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ClientSampleId :

VSTDCCC050EC

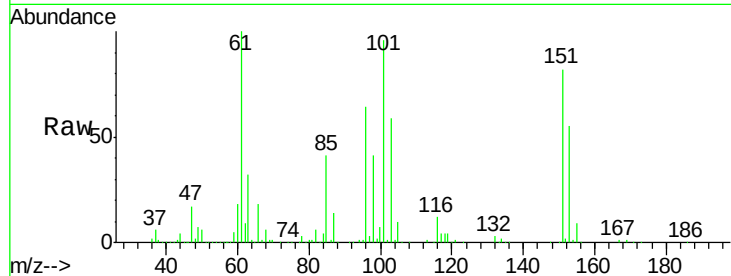
Tot Ion:101 Resp: 158665

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

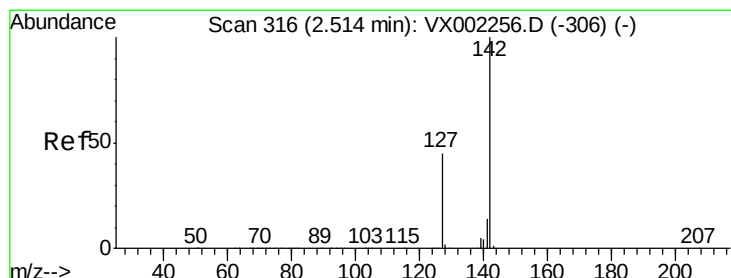
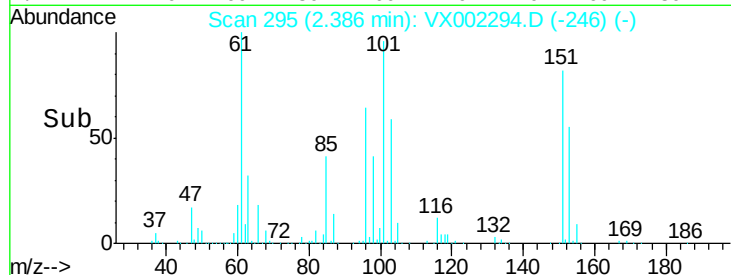
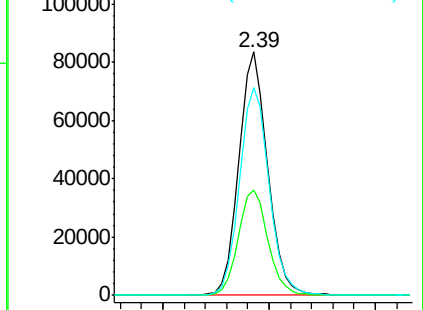
151 87.9 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.77 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

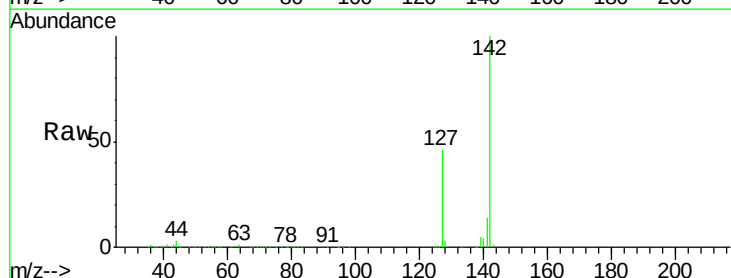
Tgt Ion:142 Resp: 218349

Ion Ratio Lower Upper

142 100

127 46.1 36.6 55.0

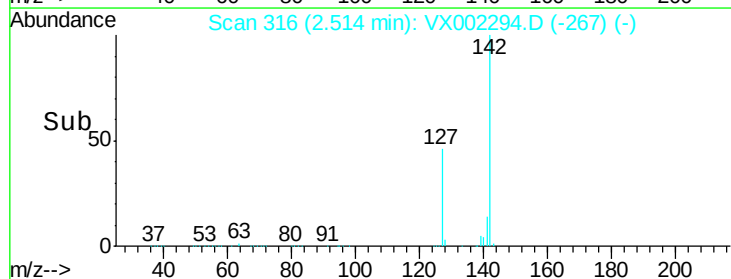
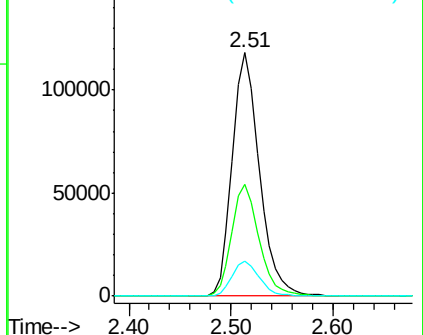
141 14.4 11.3 16.9

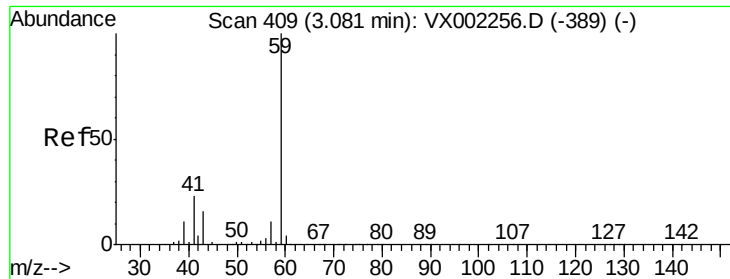


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



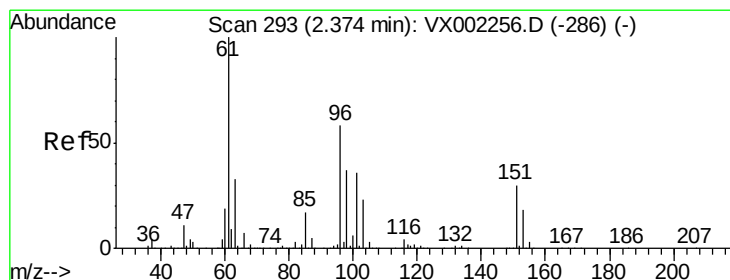
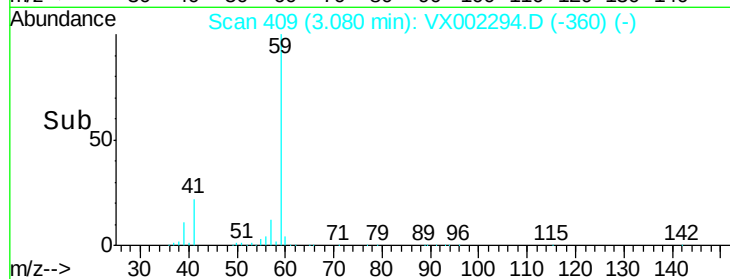
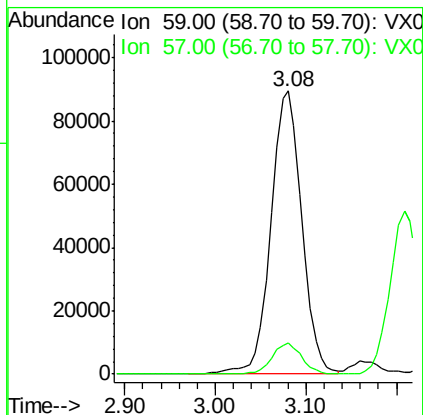
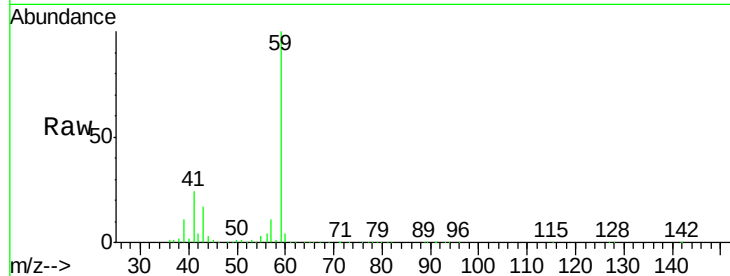


#11

Tert butyl alcohol
 Concen: 269.98 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

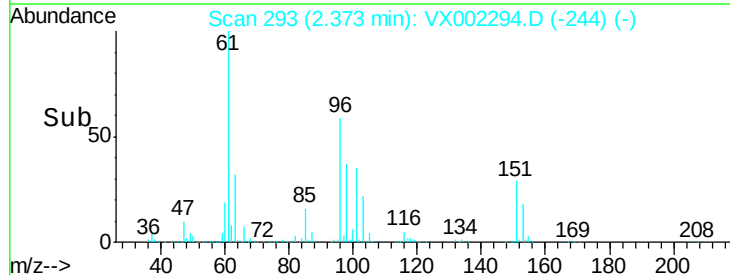
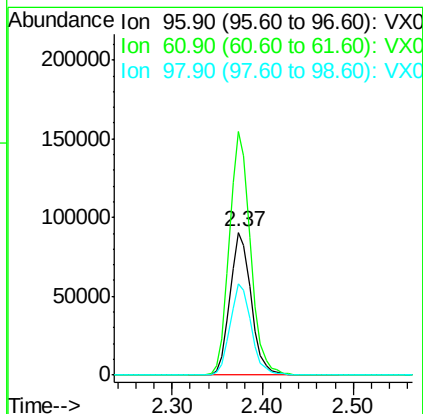
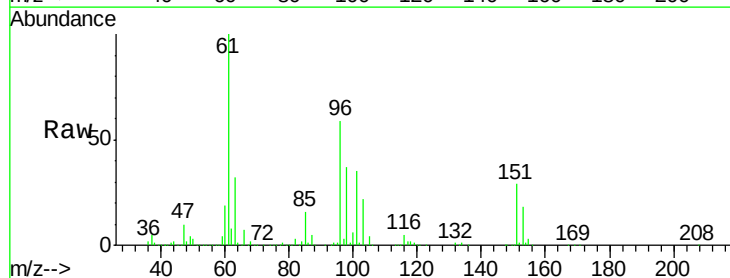
Tot Ion: 59 Resp: 210824
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

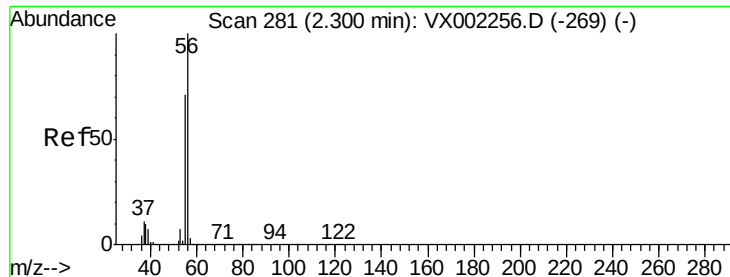


#12

1,1-Dichloroethene
 Concen: 51.38 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion: 96 Resp: 146585
 Ion Ratio Lower Upper
 96 100
 61 170.4 137.9 206.9
 98 63.6 51.6 77.4





#13

Acrolein

Concen: 264.35 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

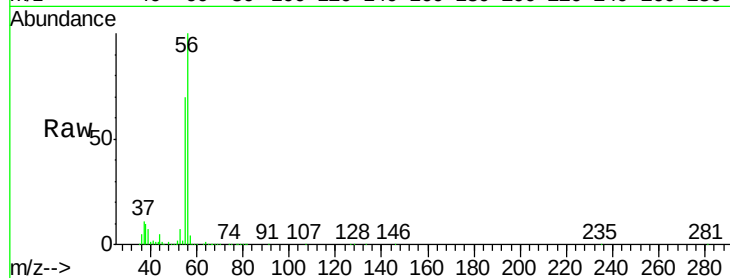
VSTDCCC050EC

Tot Ion: 56 Resp: 100387

Ion Ratio Lower Upper

56 100

55 72.7 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

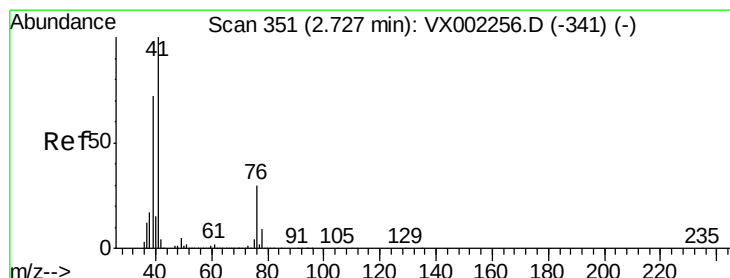
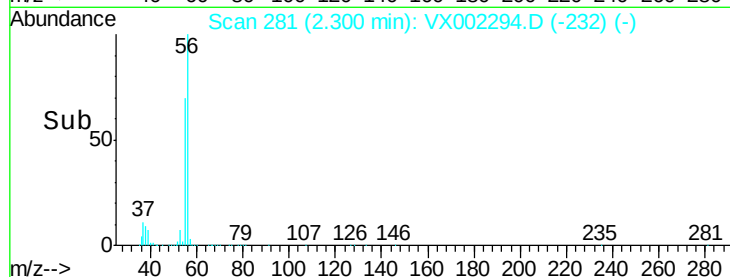
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 46.09 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

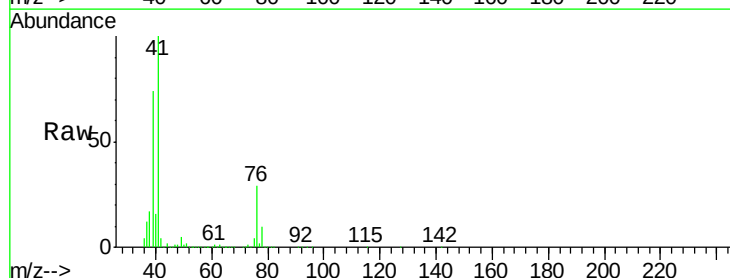
Tgt Ion: 41 Resp: 285380

Ion Ratio Lower Upper

41 100

39 71.5 56.8 85.2

76 29.3 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

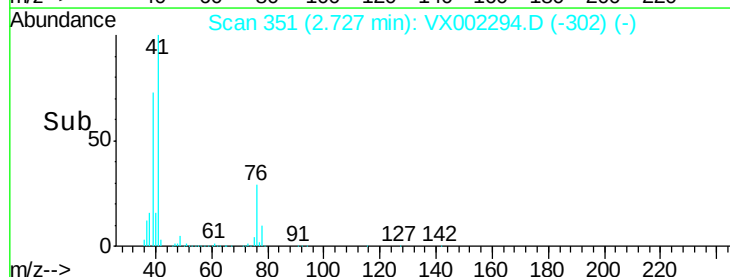
150000

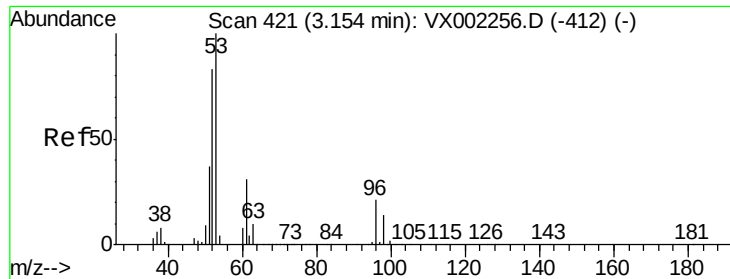
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 273.44 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

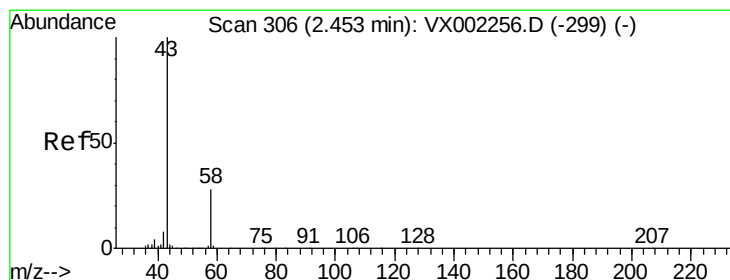
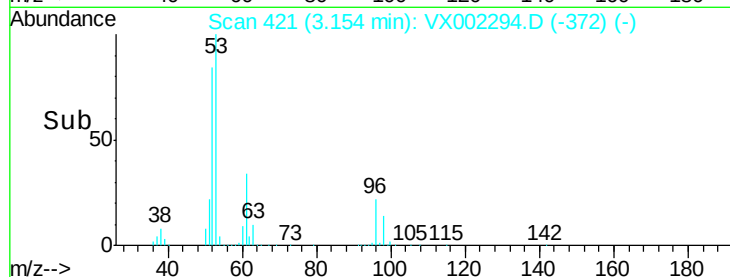
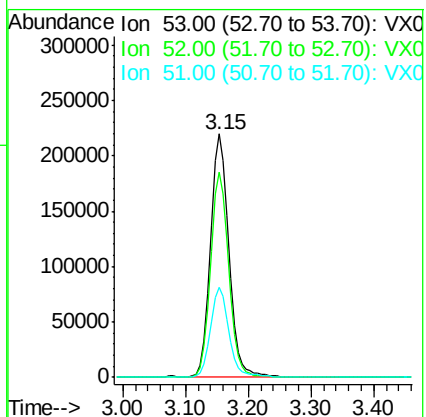
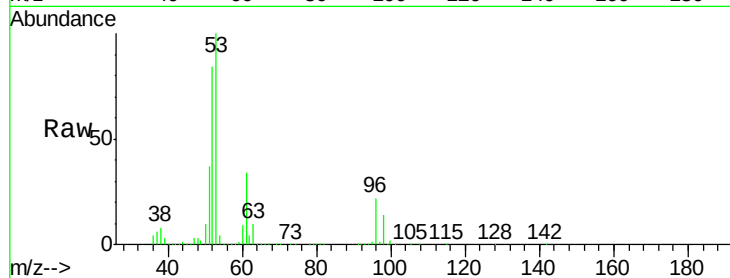
Tot Ion: 53 Resp: 444541

Ion Ratio Lower Upper

53 100

52 83.3 66.7 100.1

51 37.1 29.9 44.9



#16

Acetone

Concen: 253.55 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002294.D

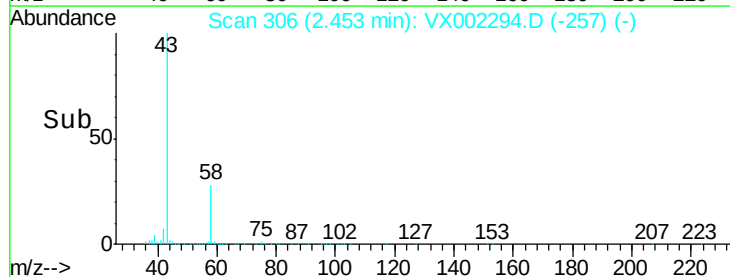
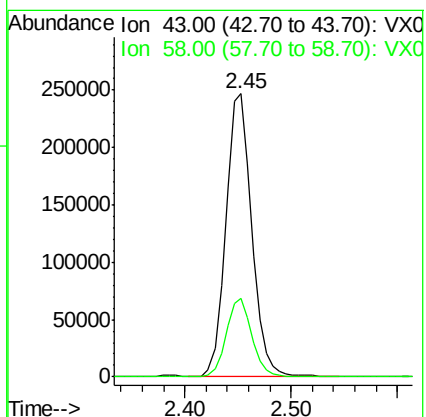
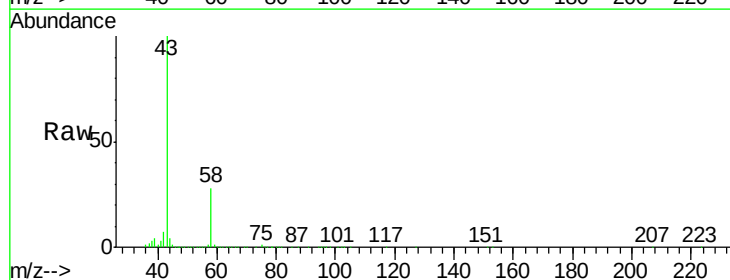
Acq: 05 Jun 2018 07:11

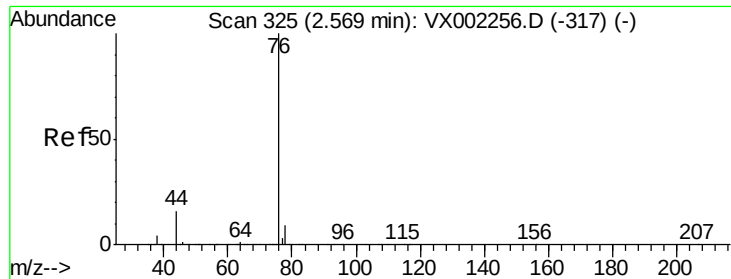
Tgt Ion: 43 Resp: 417485

Ion Ratio Lower Upper

43 100

58 27.8 22.1 33.1

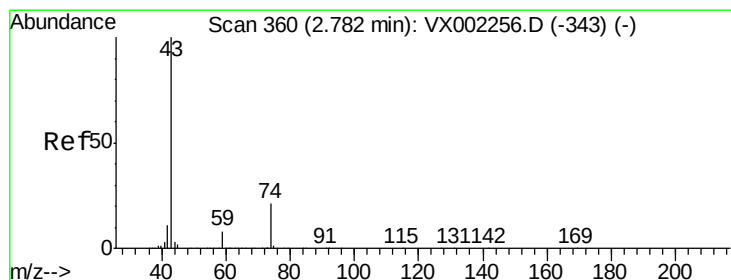
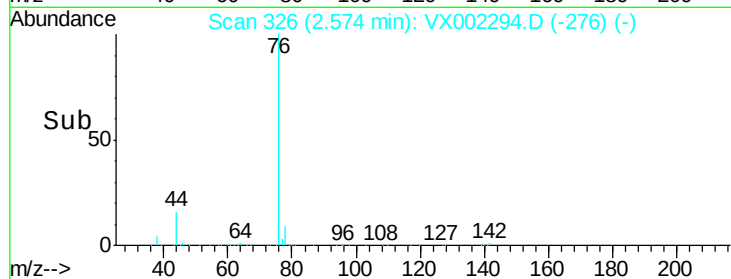
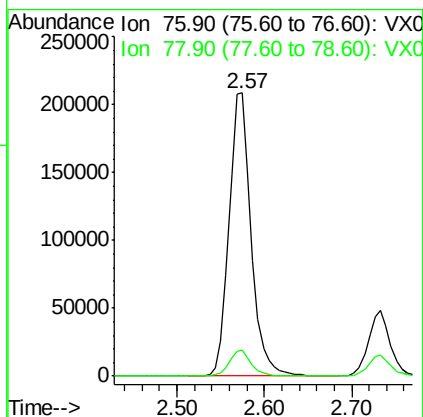
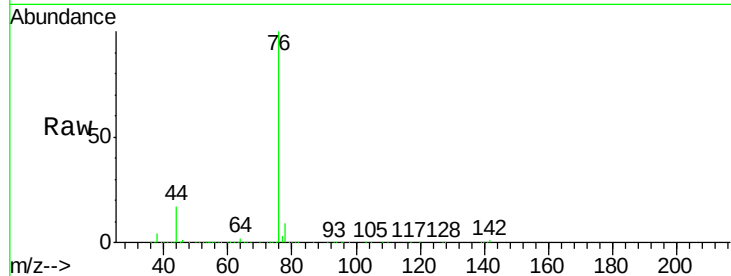




#17
Carbon Disulfide
Concen: 48.83 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

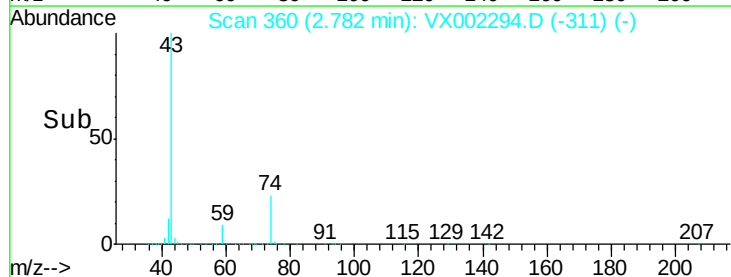
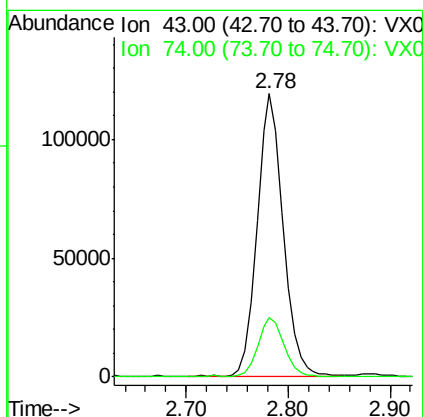
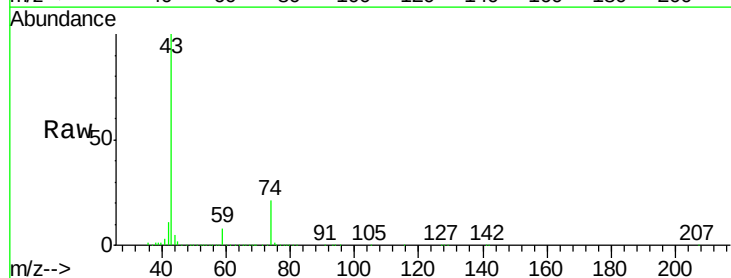
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

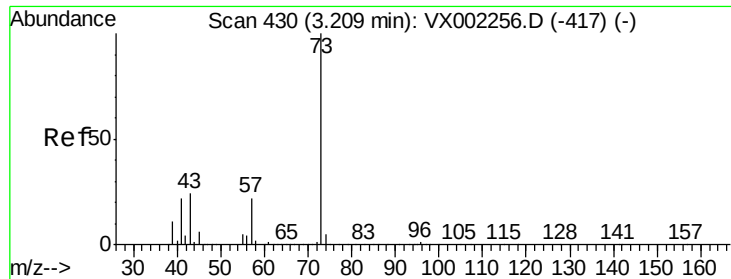
Tot Ion: 76 Resp: 367242
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 55.30 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion: 43 Resp: 211241
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1



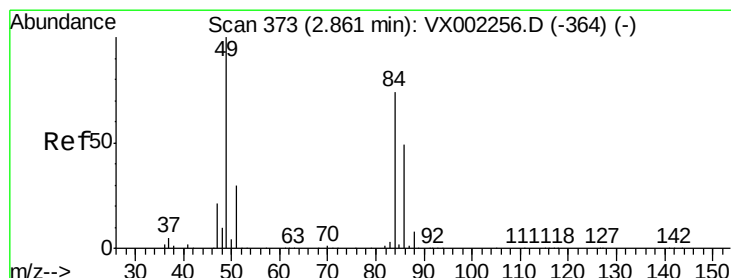
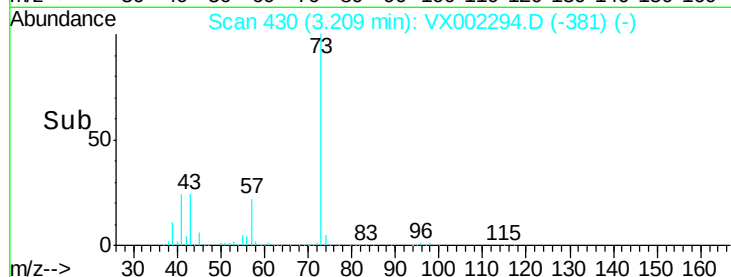
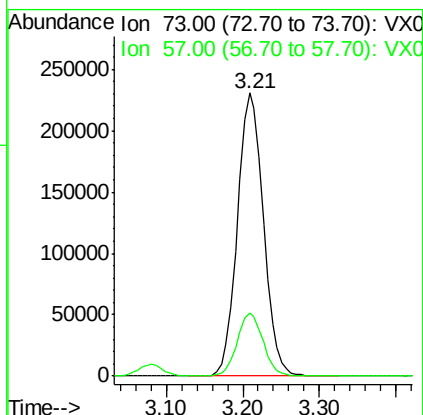
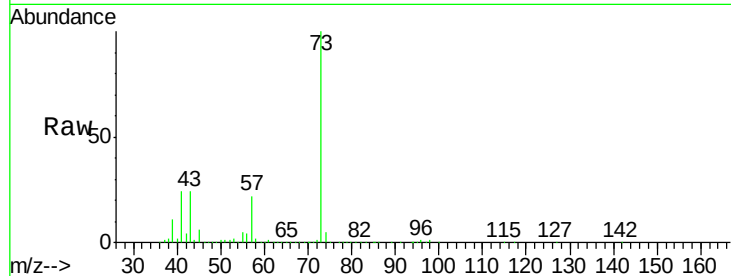


#19

Methyl tert-butyl Ether
 Concen: 54.89 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

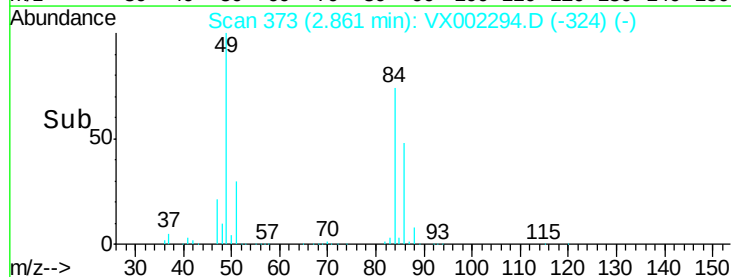
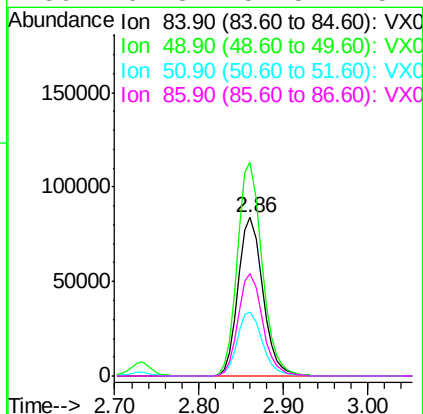
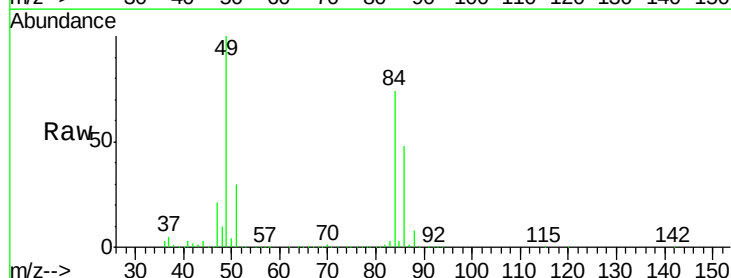
Tot Ion: 73 Resp: 543085
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.7 26.5

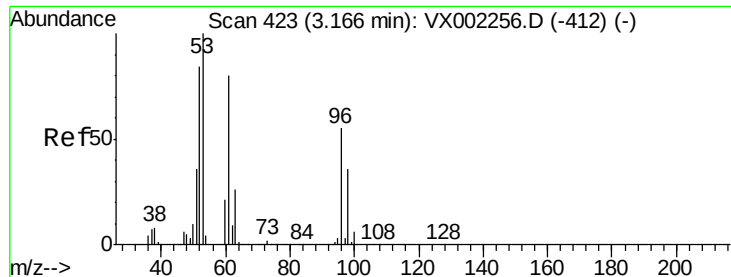


#20

Methylene Chloride
 Concen: 55.10 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion: 84 Resp: 166116
 Ion Ratio Lower Upper
 84 100
 49 134.7 107.8 161.6
 51 40.5 32.8 49.2
 86 64.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.94 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

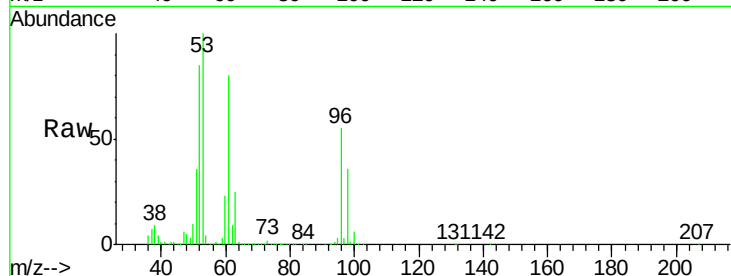
Tot Ion: 96 Resp: 157141

Ion Ratio Lower Upper

96 100

61 144.5 117.0 175.4

98 65.3 52.4 78.6

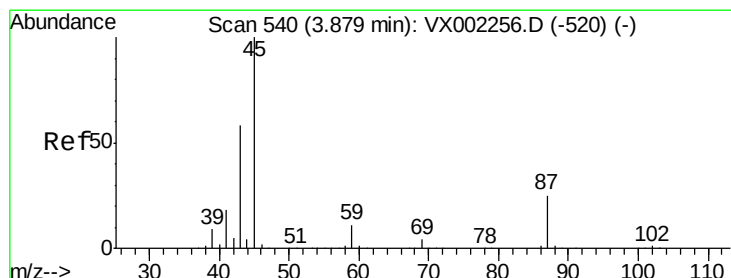
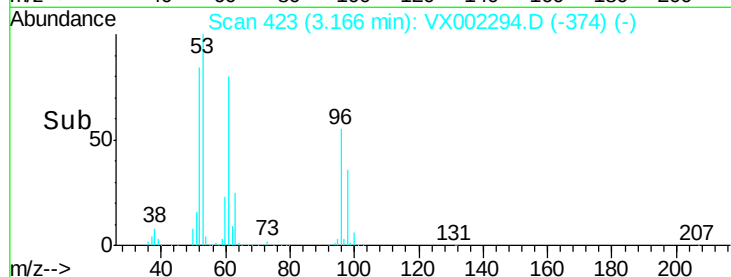
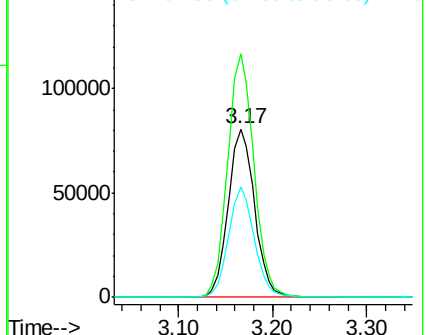


Abundance

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



#22

Diisopropyl ether

Concen: 51.51 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Tgt Ion: 45 Resp: 532400

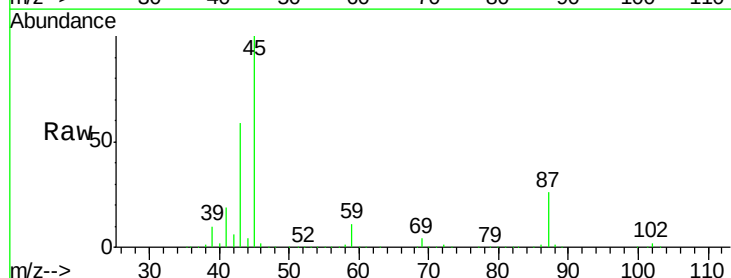
Ion Ratio Lower Upper

45 100

43 59.2 46.8 70.2

87 25.6 20.2 30.4

59 11.3 8.7 13.1



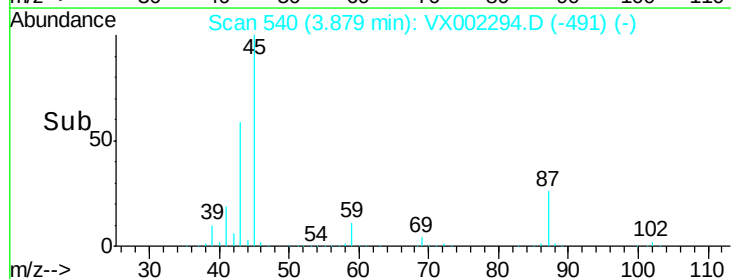
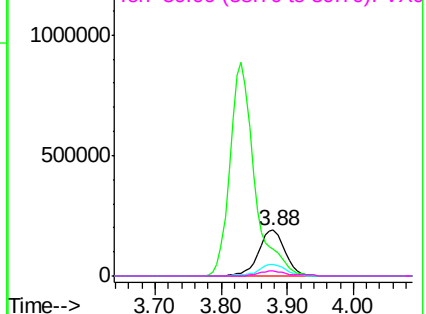
Abundance

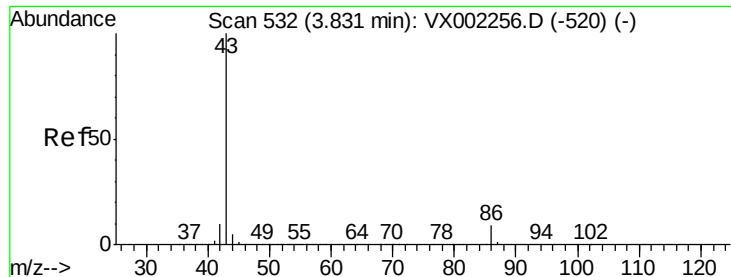
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 226.84 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

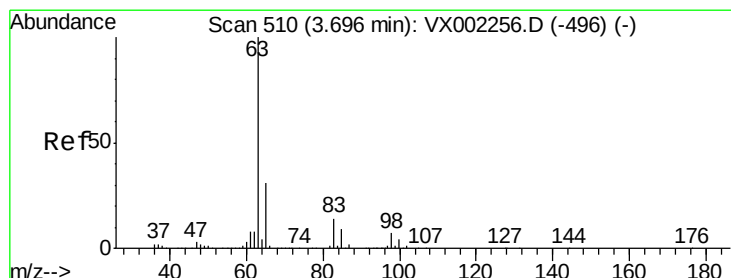
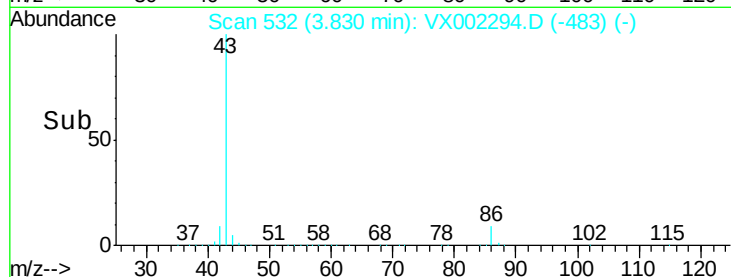
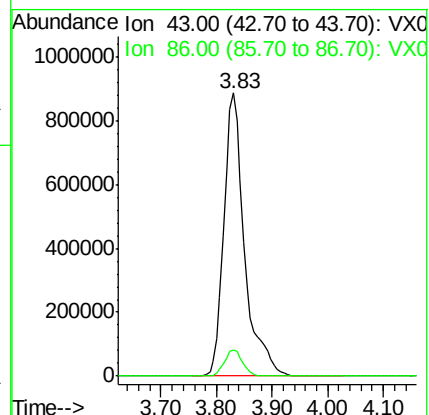
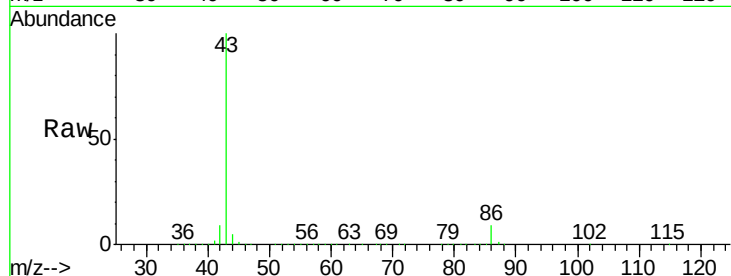
VSTDCCC050EC

Tot Ion: 43 Resp: 2276940

Ion Ratio Lower Upper

43 100

86 9.4 7.4 11.0



#24

1,1-Dichloroethane

Concen: 49.39 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

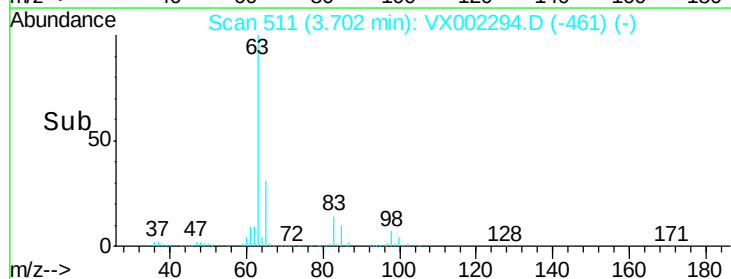
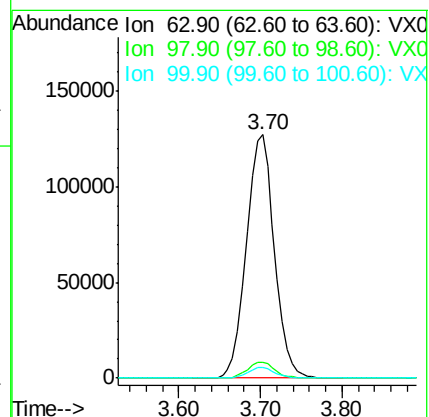
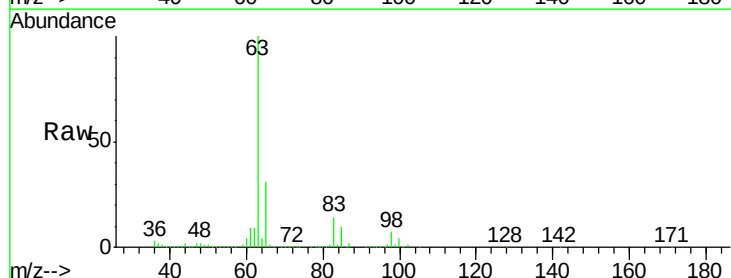
Tgt Ion: 63 Resp: 302276

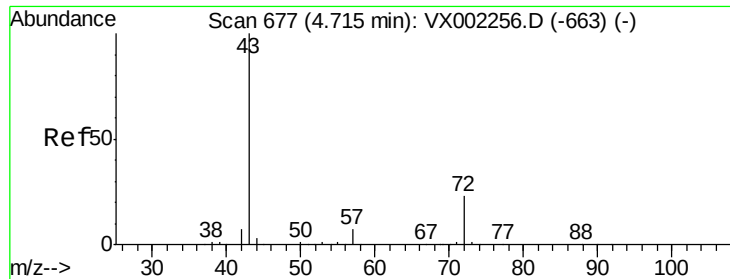
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 226.53 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

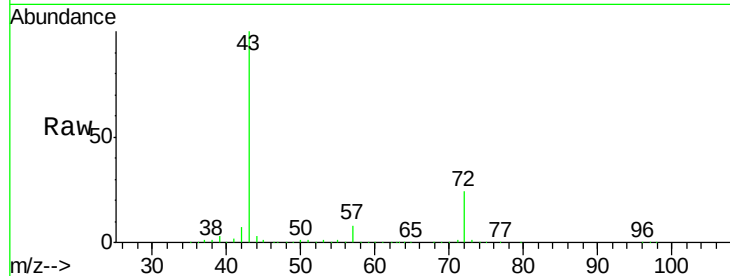
VSTDCCC050EC

Tot Ion: 43 Resp: 595301

Ion Ratio Lower Upper

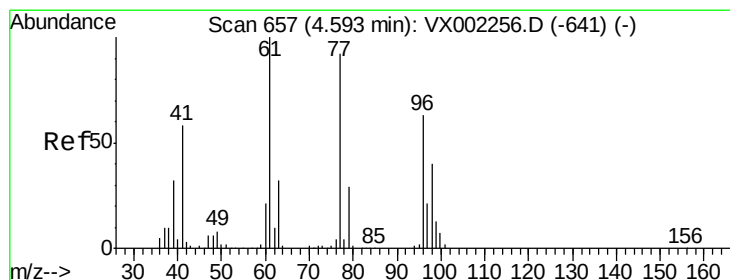
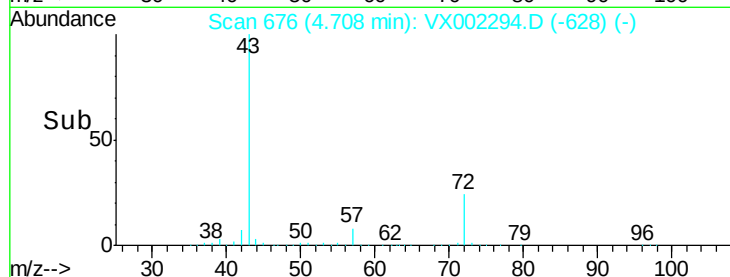
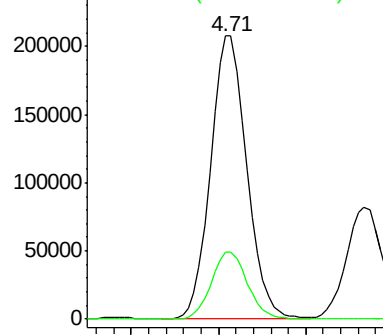
43 100

72 23.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 31.45 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002294.D

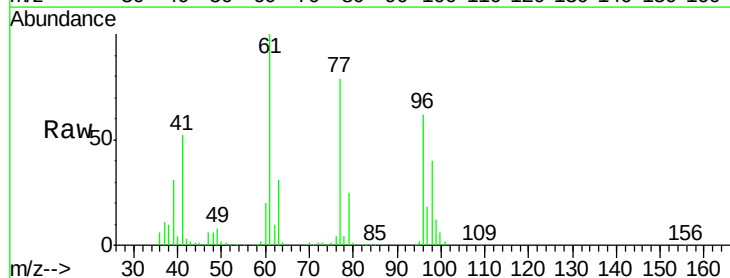
Acq: 05 Jun 2018 07:11

Tgt Ion: 77 Resp: 150467

Ion Ratio Lower Upper

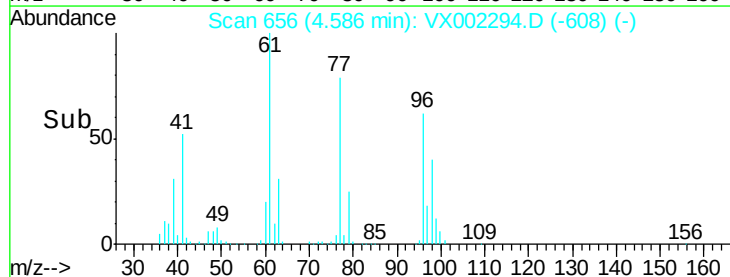
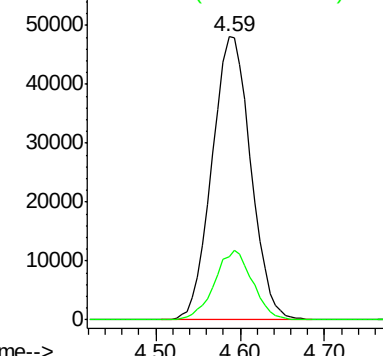
77 100

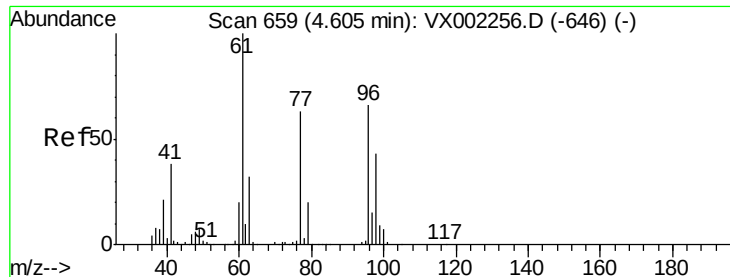
97 23.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 47.50 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

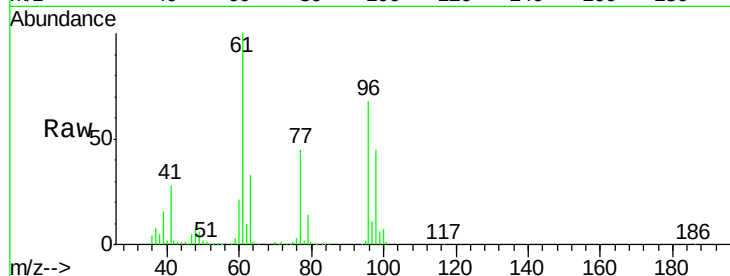
Tot Ion: 96 Resp: 162521

Ion Ratio Lower Upper

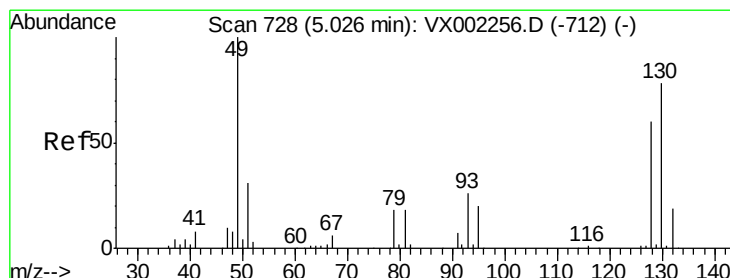
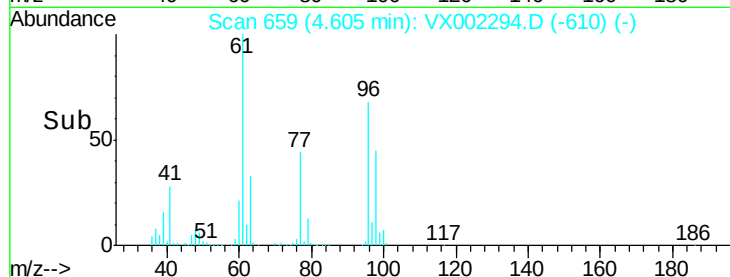
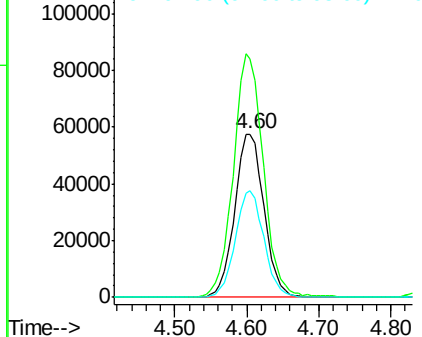
96 100

61 152.9 0.0 330.2

98 64.1 0.0 130.2



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



#28

Bromochloromethane

Concen: 53.22 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

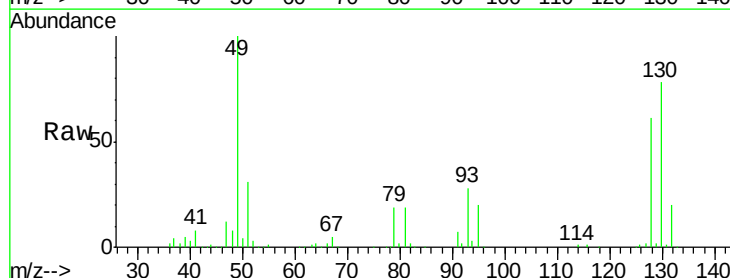
Tgt Ion: 49 Resp: 137919

Ion Ratio Lower Upper

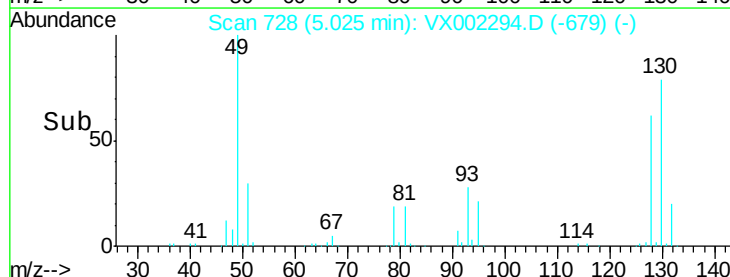
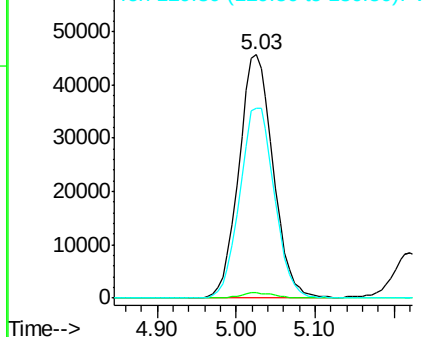
49 100

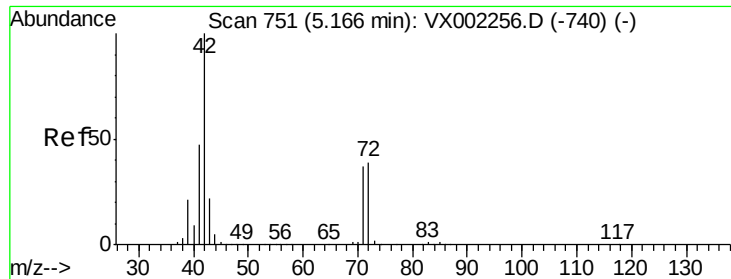
129 2.1 0.0 4.2

130 79.0 61.2 91.8



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

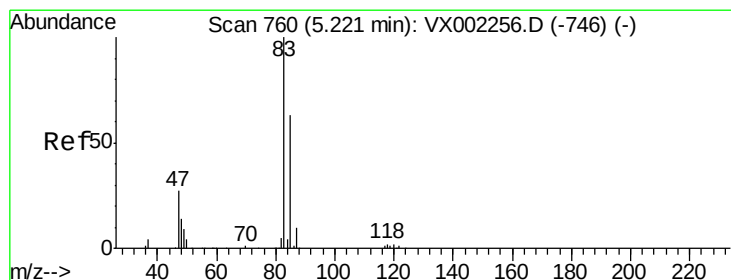
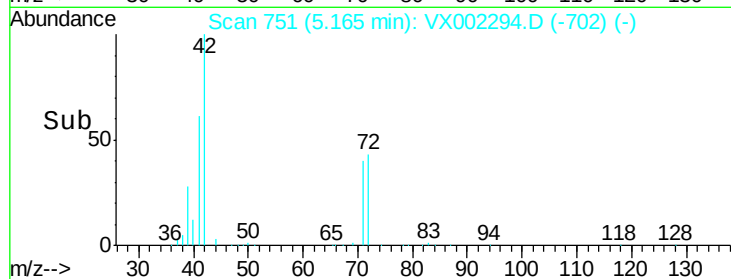
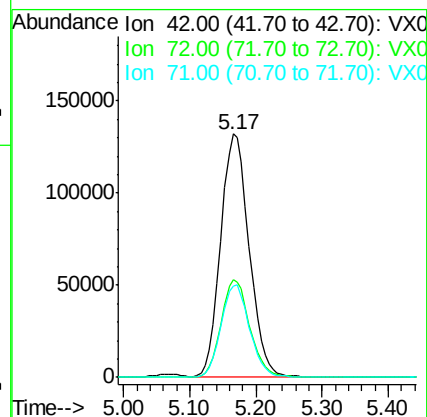
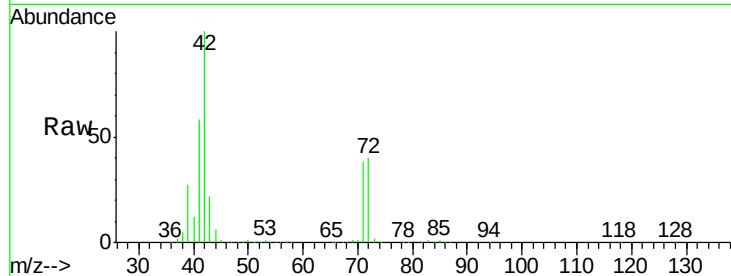




#29
Tetrahydrofuran
Concen: 232.16 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

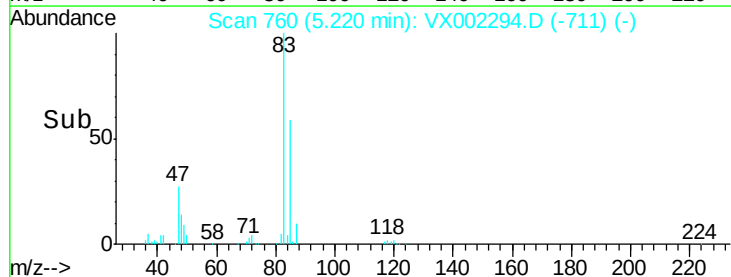
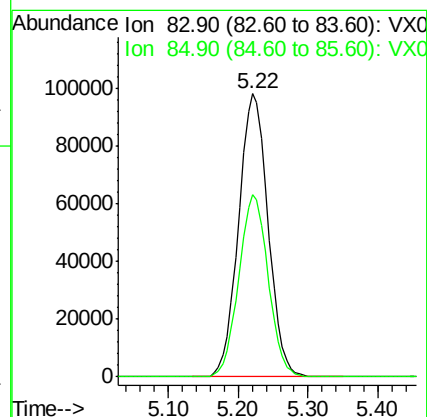
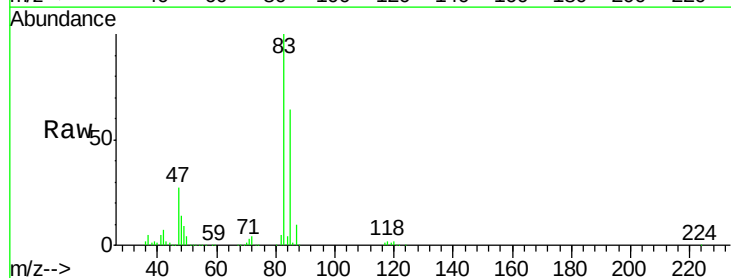
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

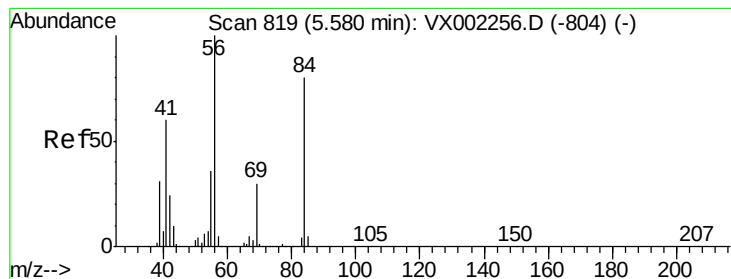
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	32.0	48.0
71	38.3	30.1	45.1



#30
Chloroform
Concen: 48.55 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.4	75.6





#31

Cyclohexane

Concen: 52.30 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

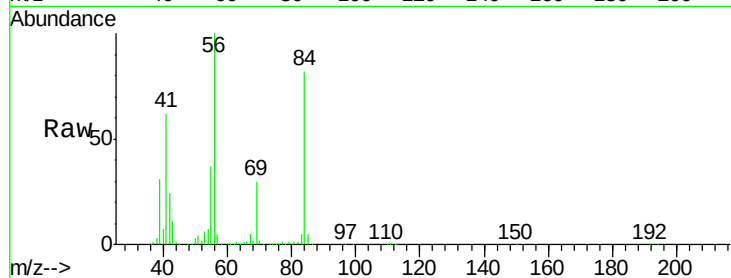
Tot Ion: 56 Resp: 253096

Ion Ratio Lower Upper

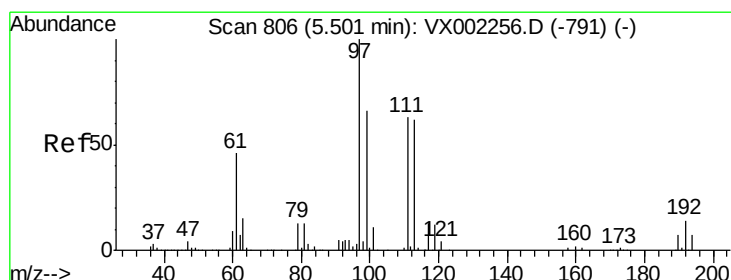
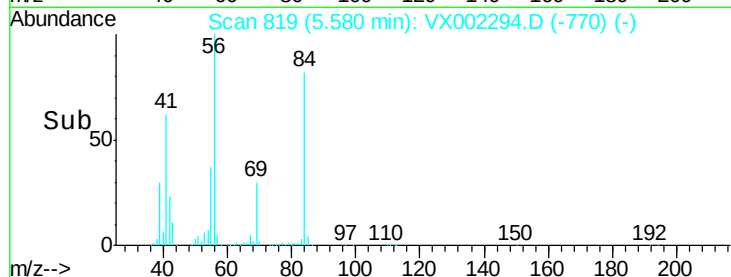
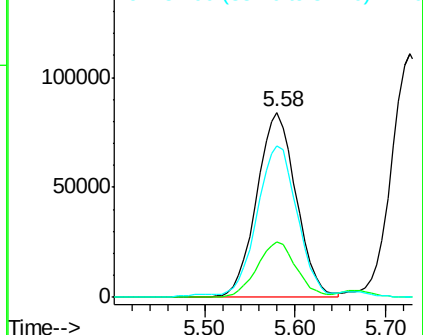
56 100

69 29.9 23.7 35.5

84 80.7 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.37 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

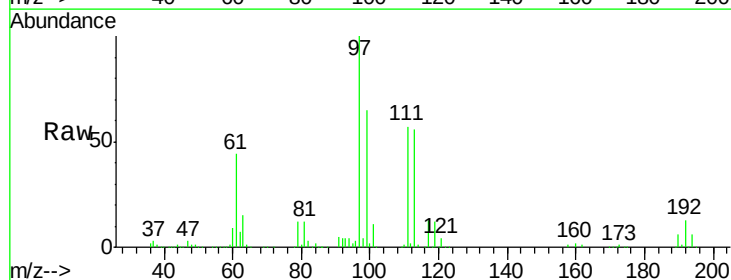
Tgt Ion: 97 Resp: 252260

Ion Ratio Lower Upper

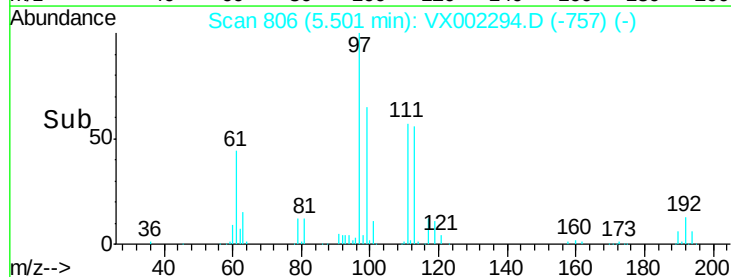
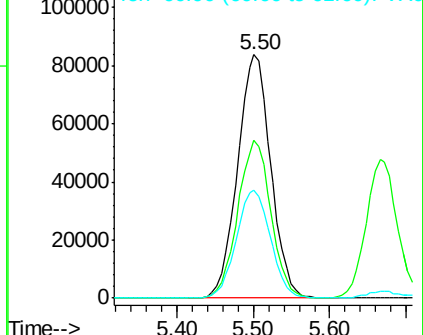
97 100

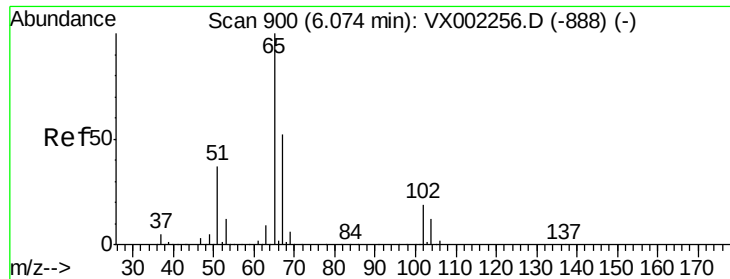
99 64.6 51.6 77.4

61 45.6 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

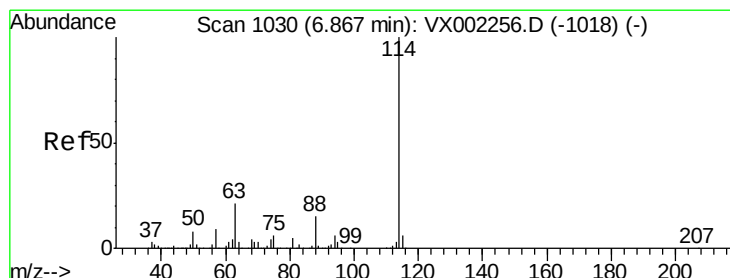
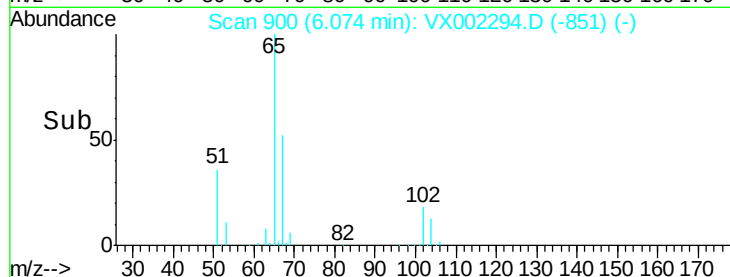
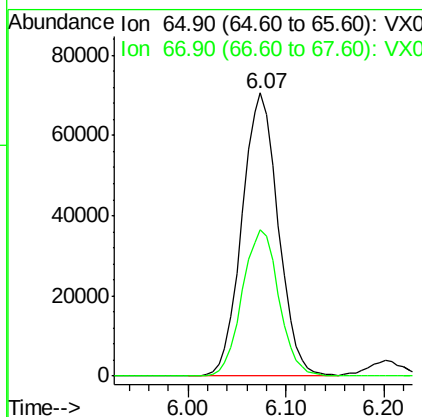
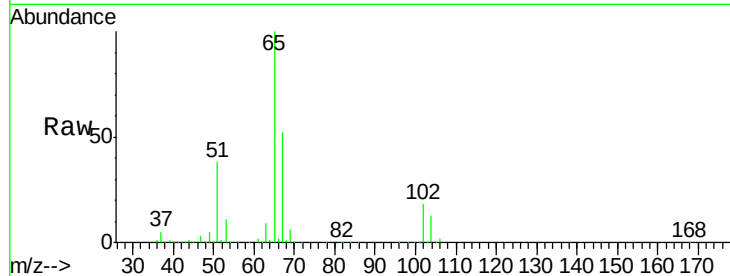




#33
 1,2-Dichloroethane-d4
 Concen: 47.19 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

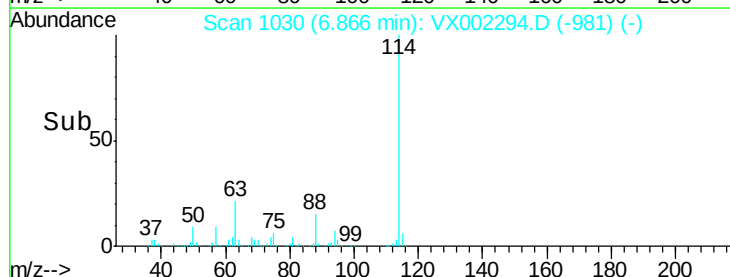
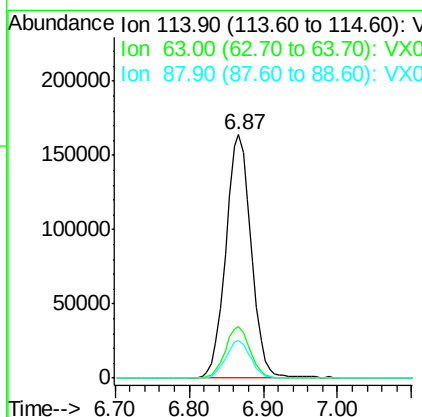
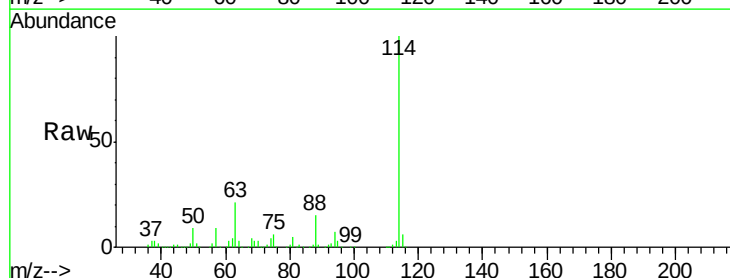
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

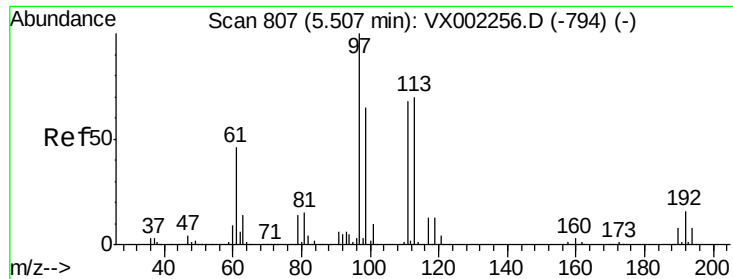
Tot Ion: 65 Resp: 181599
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion: 114 Resp: 391620
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.4
 88 15.4 0.0 30.0

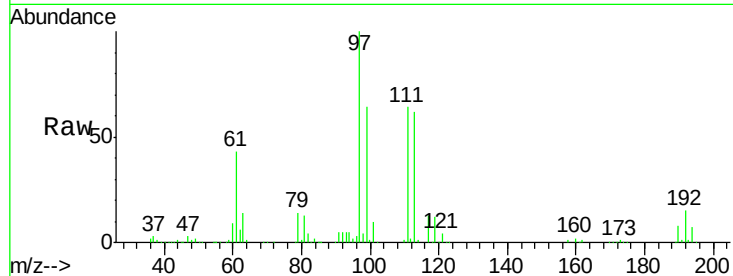




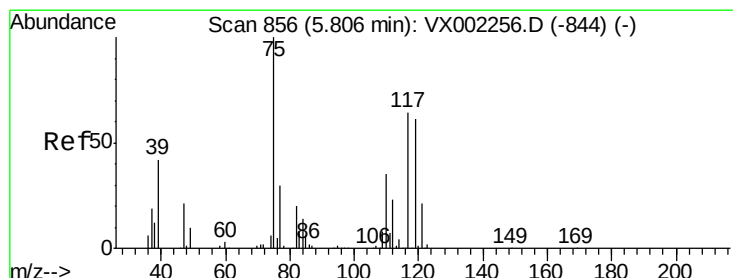
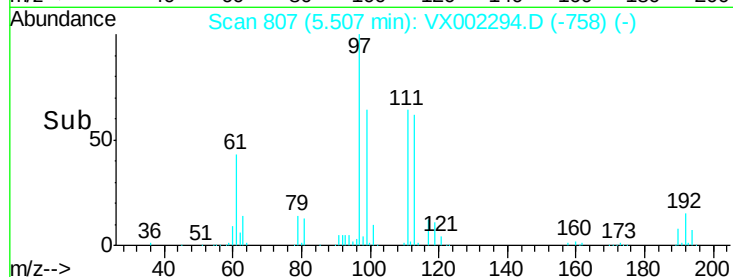
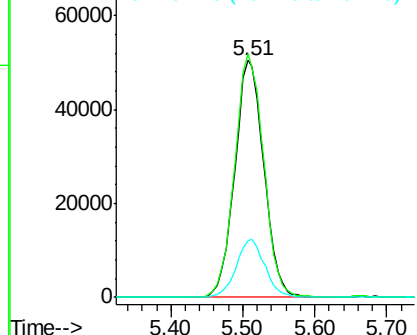
#35
 Dibromofluoromethane
 Concen: 45.87 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 141275
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.0
 192 24.1 19.1 28.7

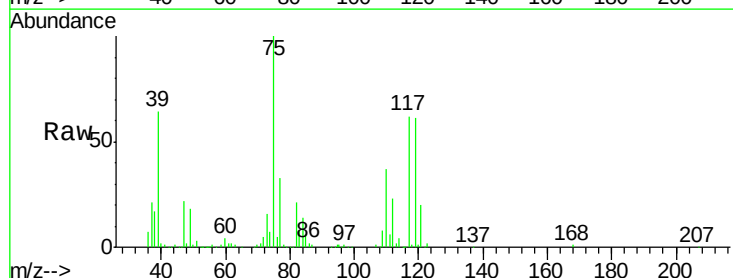


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

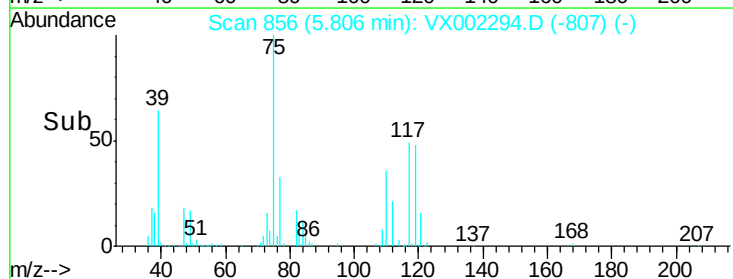
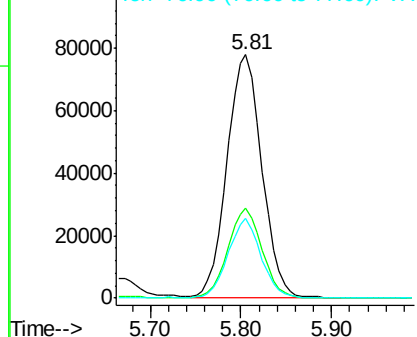


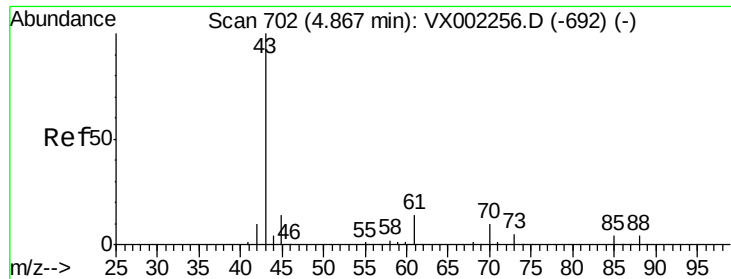
#36
 1,1-Dichloropropene
 Concen: 50.29 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion: 75 Resp: 207066
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.1 54.4
 77 30.6 24.3 36.5



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

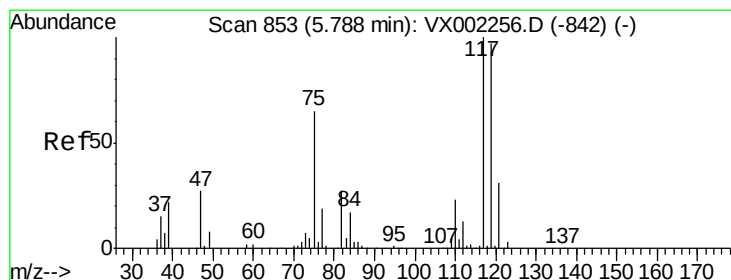
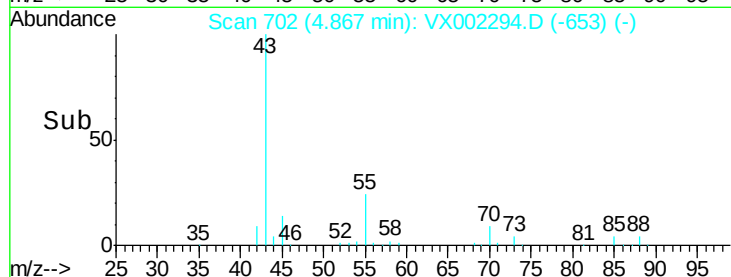
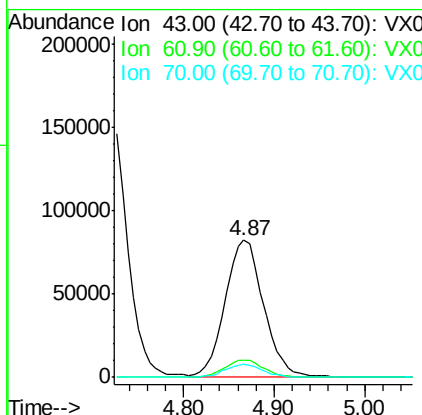
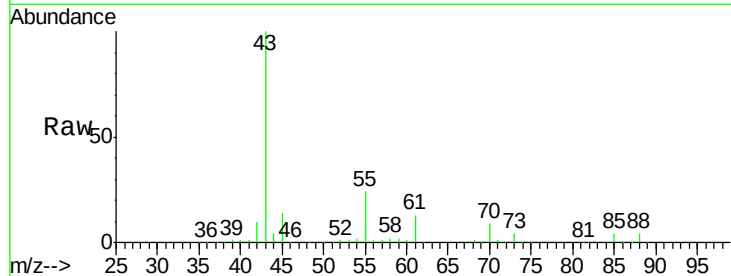




#37
Ethyl Acetate
Concen: 48.51 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

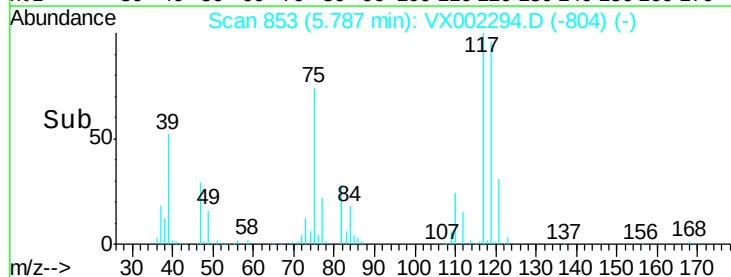
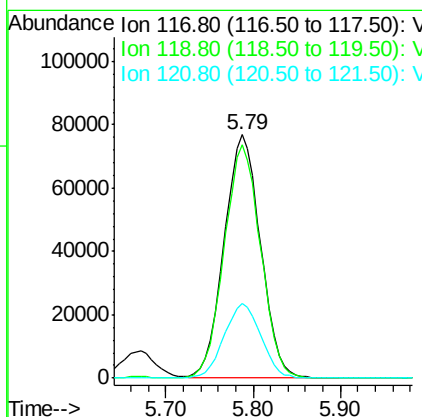
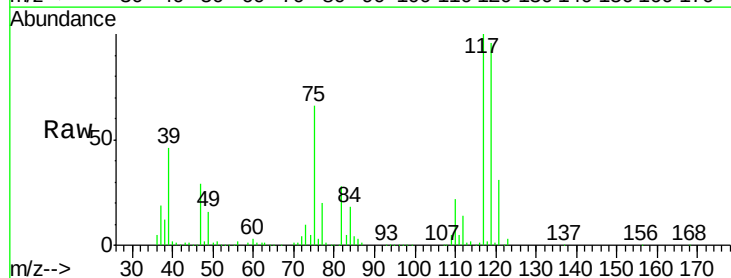
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

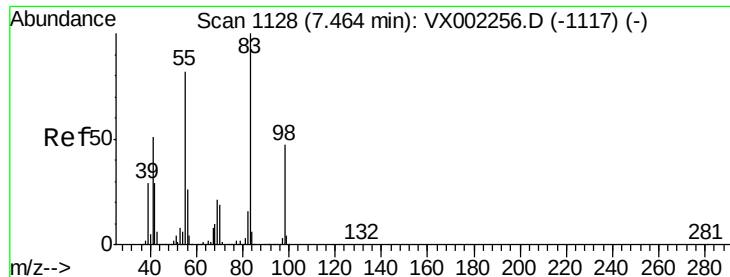
Tot Ion: 43 Resp: 240160
Ion Ratio Lower Upper
43 100
61 12.7 10.4 15.6
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 51.38 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion: 117 Resp: 221311
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0
121 30.8 24.4 36.6

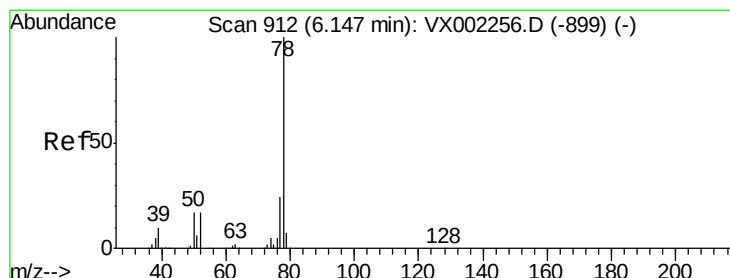
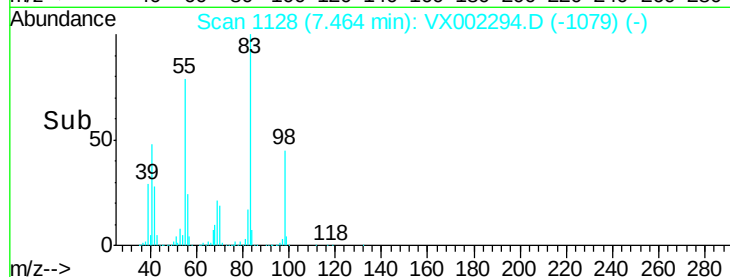
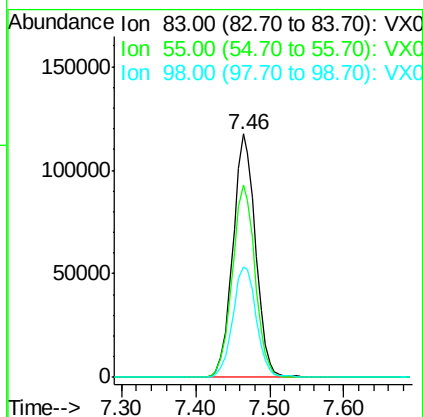
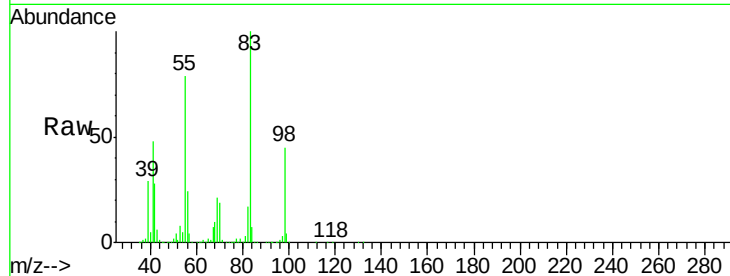




#39
Methylvlcyclohexane
Concen: 49.21 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

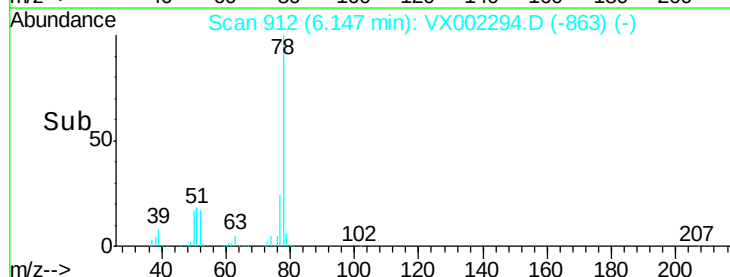
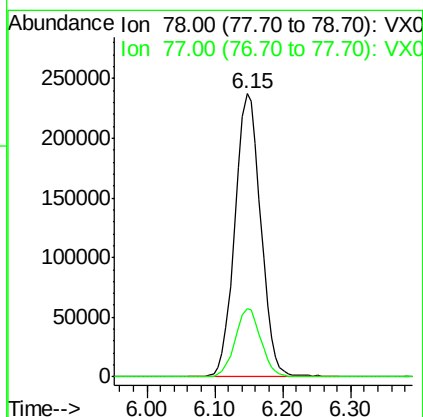
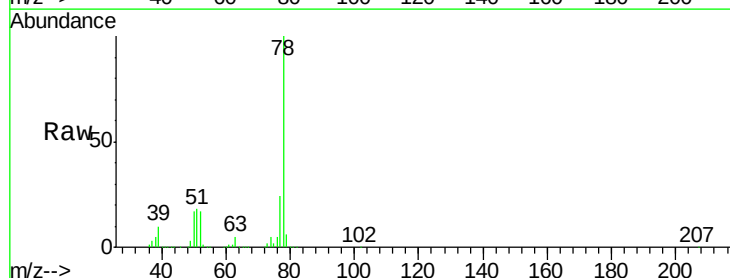
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

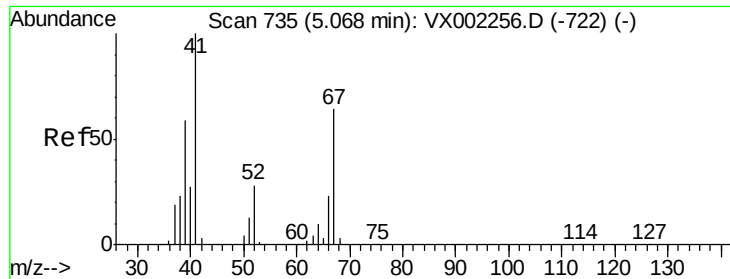
Tot Ion: 83 Resp: 250282
Ion Ratio Lower Upper
83 100
55 79.3 65.4 98.0
98 45.4 37.4 56.0



#40
Benzene
Concen: 49.73 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion: 78 Resp: 627802
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

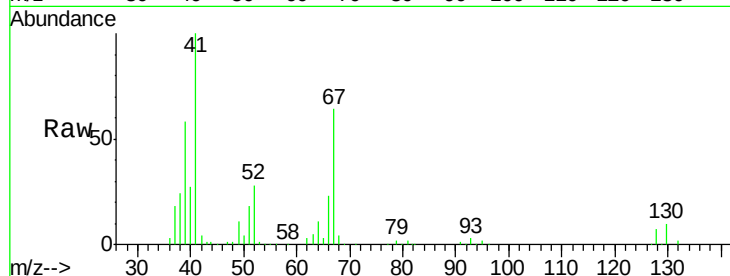




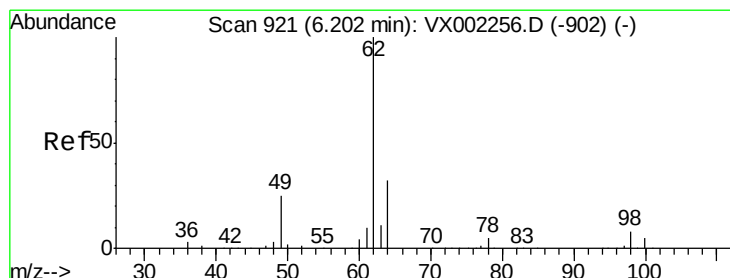
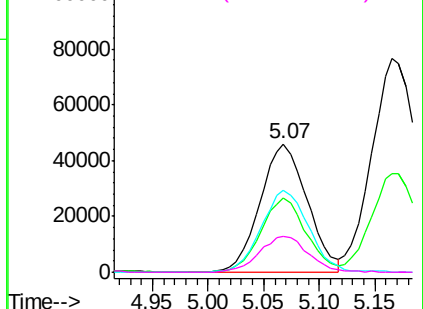
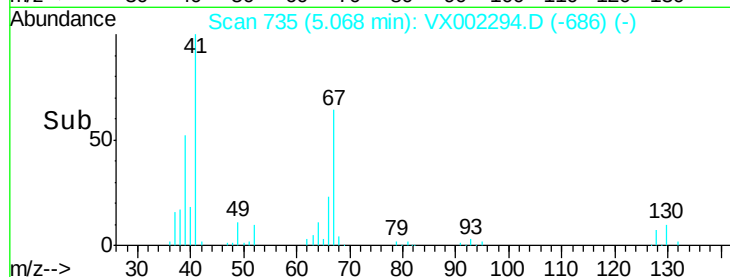
#41
Methacrylonitrile
Concen: 47.31 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	134085
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.8	68.6
67	64.9	51.3	76.9
52	30.1	23.0	34.6

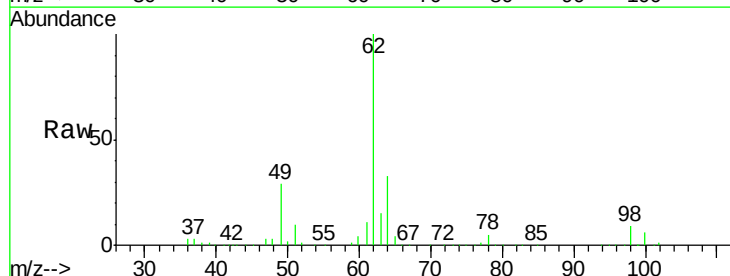


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

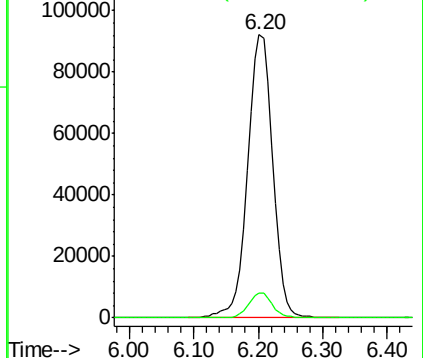
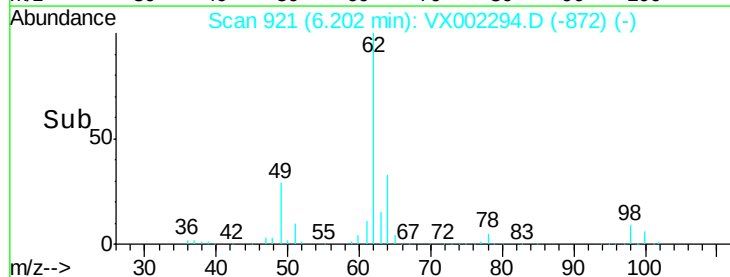


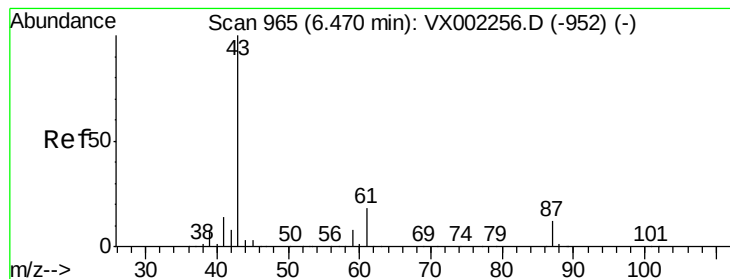
#42
1,2-Dichloroethane
Concen: 48.66 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion:	62	Resp:	244062
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 47.52 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

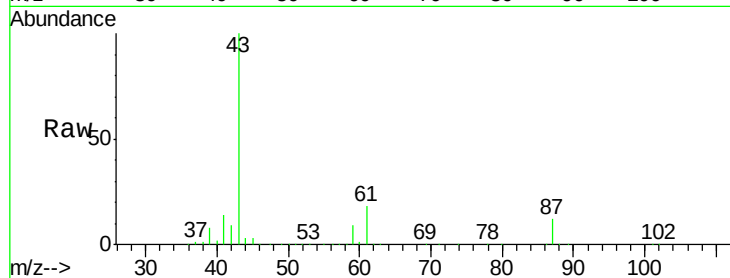
Tot Ion: 43 Resp: 399586

Ion Ratio Lower Upper

43 100

61 18.0 14.4 21.6

87 12.1 9.5 14.3

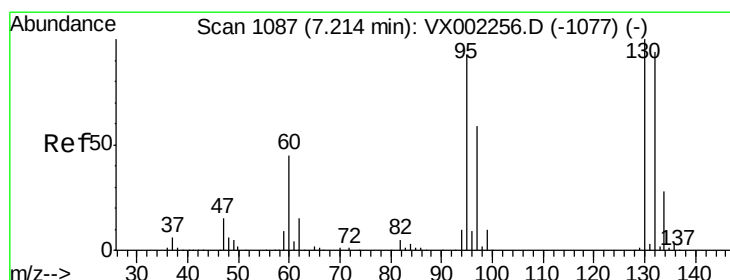
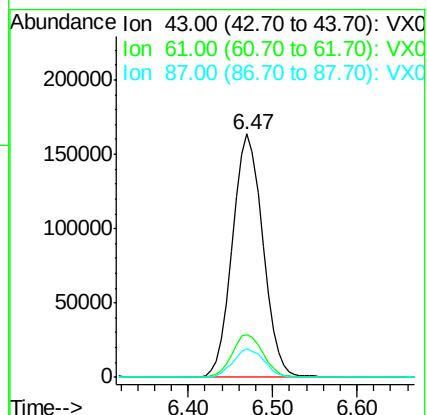
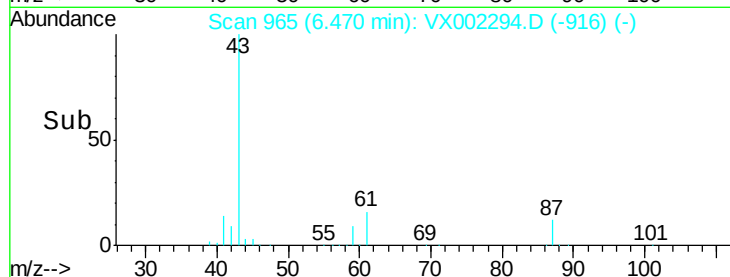


Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-952) (-)

Ion 61.00 (60.70 to 61.70): VX002256.D (-952) (-)

Ion 87.00 (86.70 to 87.70): VX002256.D (-952) (-)

Time-->



#44

Trichloroethene

Concen: 51.47 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002294.D

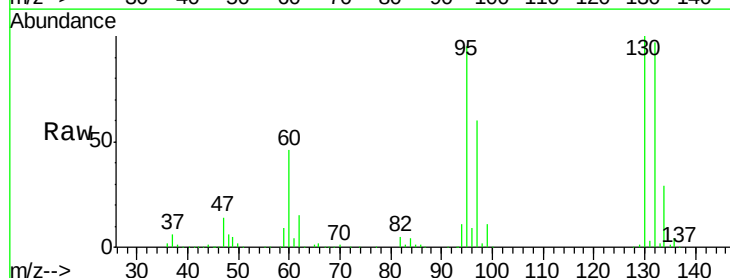
Acq: 05 Jun 2018 07:11

Tgt Ion:130 Resp: 180318

Ion Ratio Lower Upper

130 100

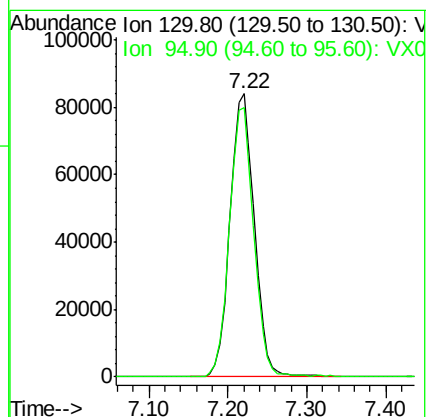
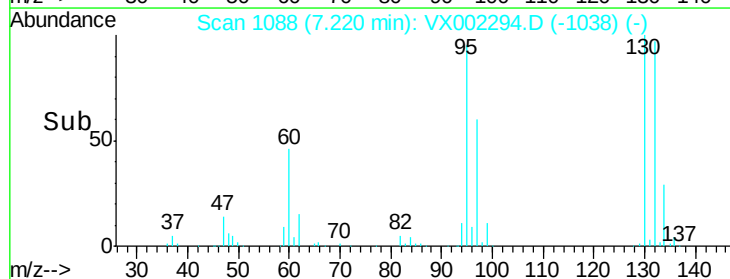
95 94.9 0.0 185.4

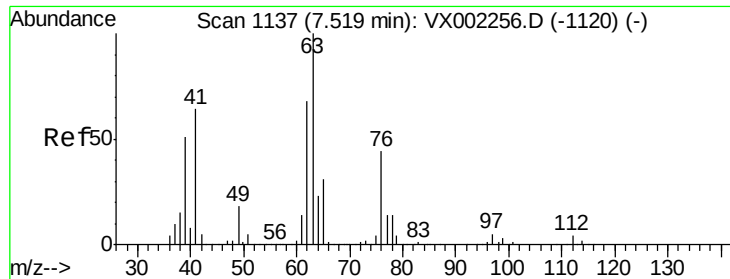


Abundance Ion 129.80 (129.50 to 130.50): VX002256.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX002256.D (-1077) (-)

Time-->

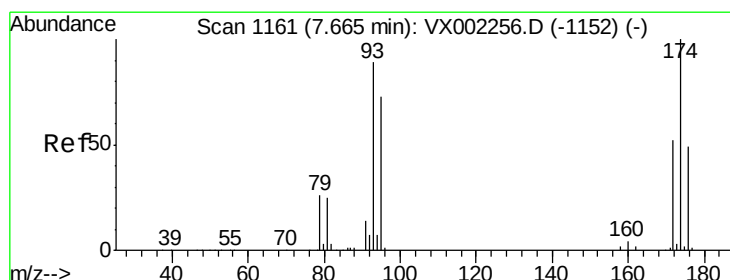
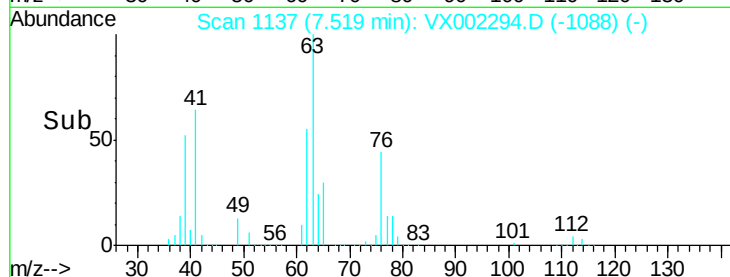
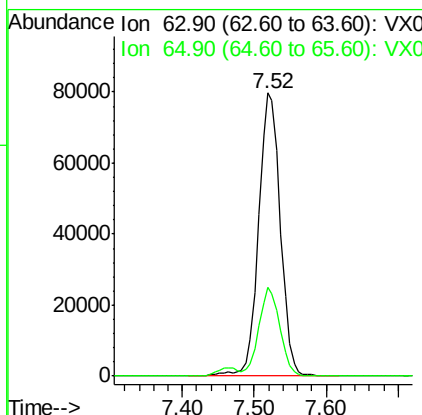
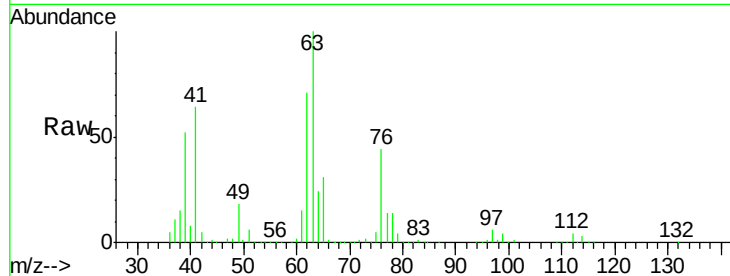




#45
 1,2-Dichloropropane
 Concen: 49.18 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

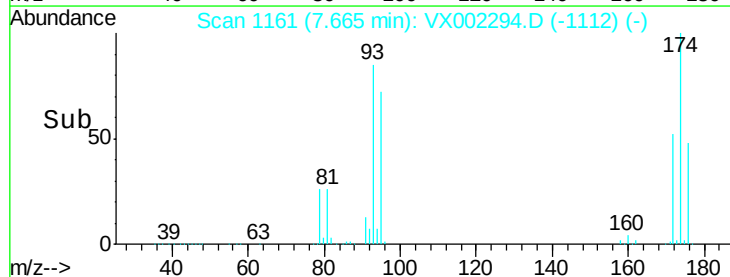
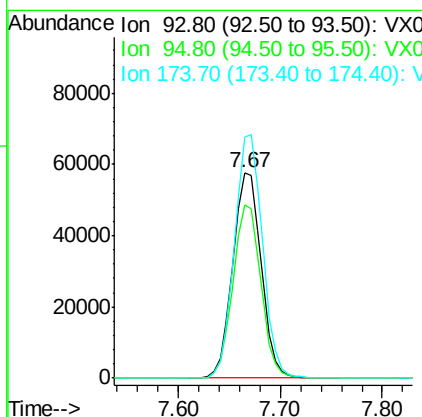
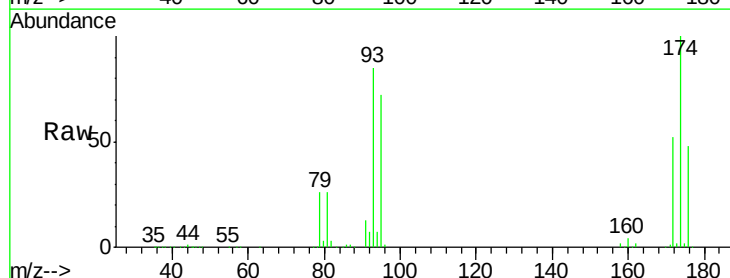
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

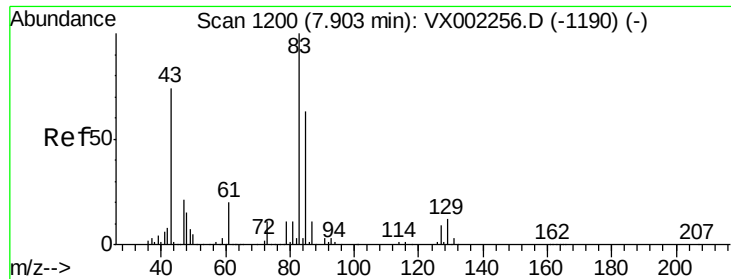
Tot Ion: 63 Resp: 167618
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1



#46
 Dibromomethane
 Concen: 48.01 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion: 93 Resp: 110905
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 117.0 92.4 138.6





#47

Bromodichloromethane

Concen: 49.50 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

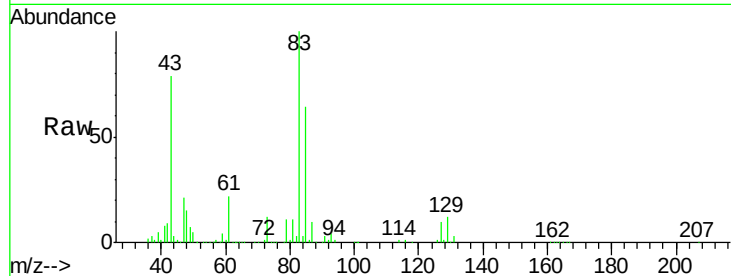
Tot Ion: 83 Resp: 206843

Ion Ratio Lower Upper

83 100

85 64.2 50.3 75.5

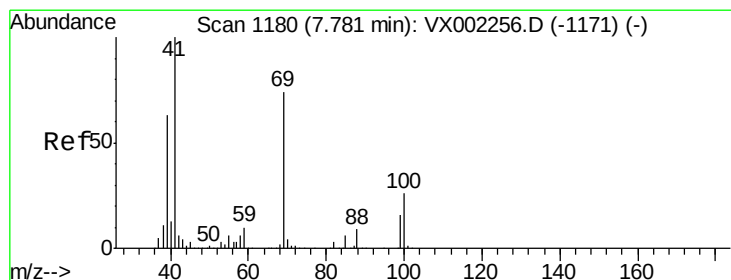
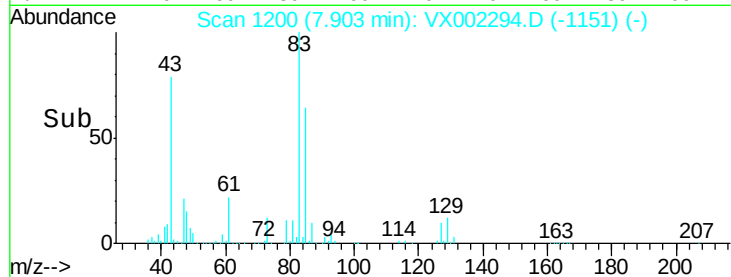
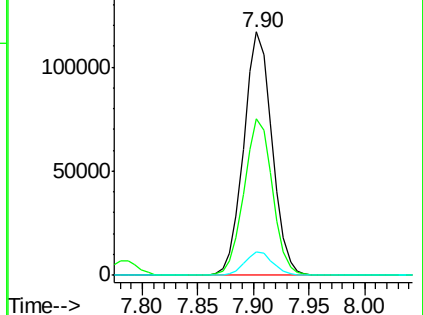
127 9.6 7.0 10.4



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: 48.84 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

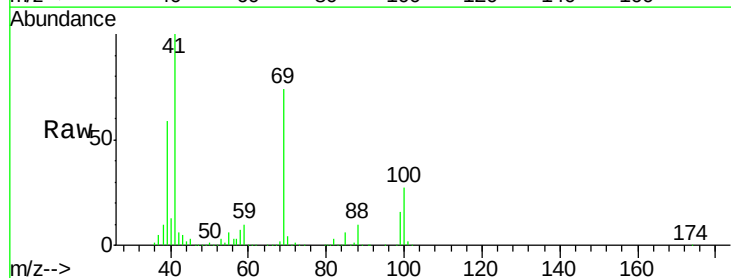
Tgt Ion: 41 Resp: 206304

Ion Ratio Lower Upper

41 100

69 74.6 59.1 88.7

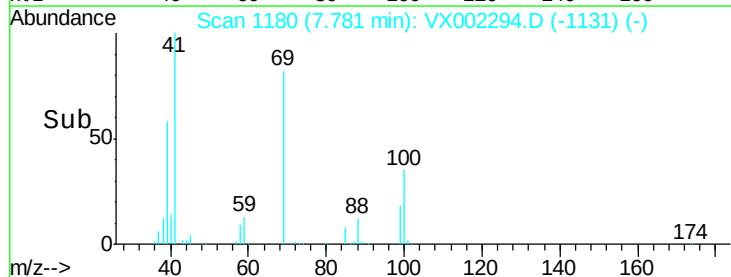
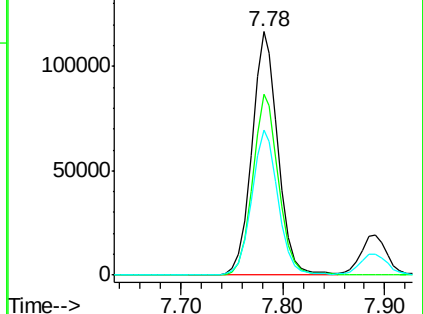
39 60.2 48.9 73.3

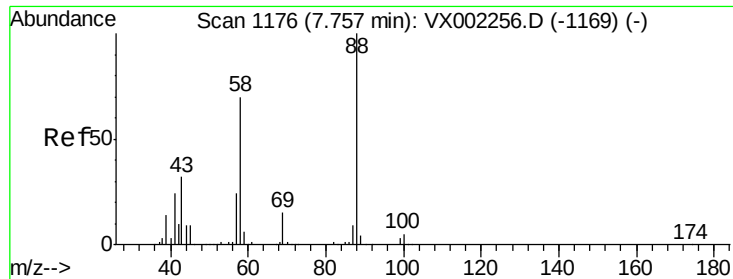


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 994.03 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

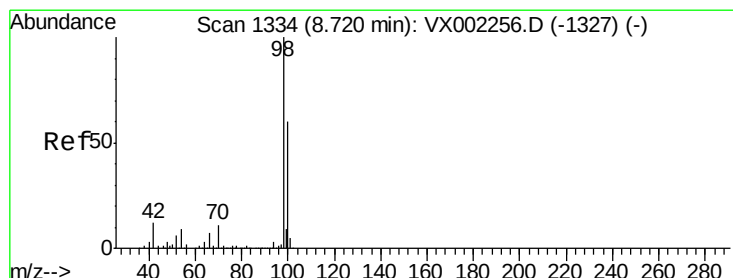
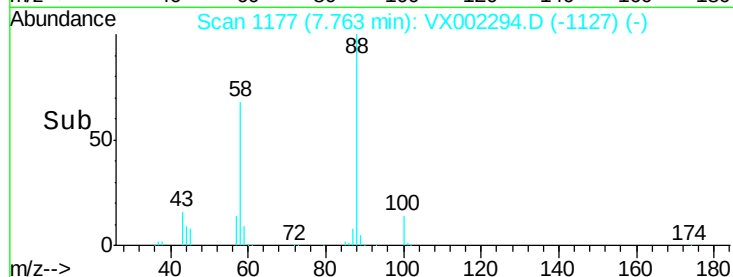
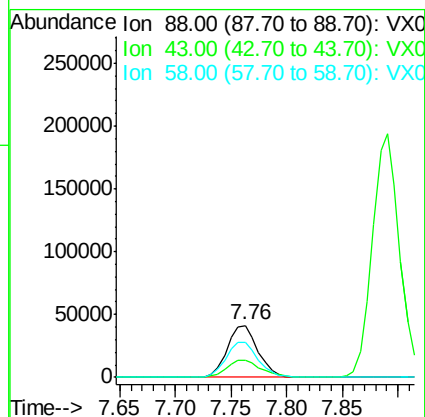
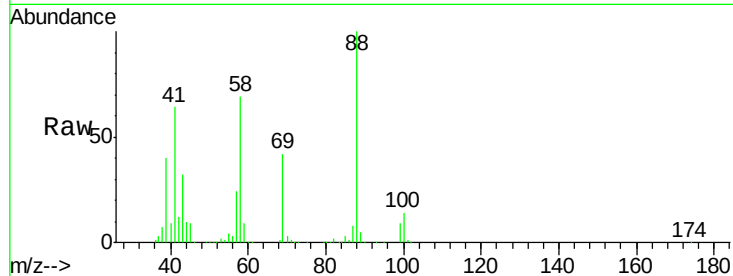
Tot Ion: 88 Resp: 78512

Ion Ratio Lower Upper

88 100

43 36.5 29.8 44.6

58 72.0 57.1 85.7



#50

Toluene-d8

Concen: 46.08 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002294.D

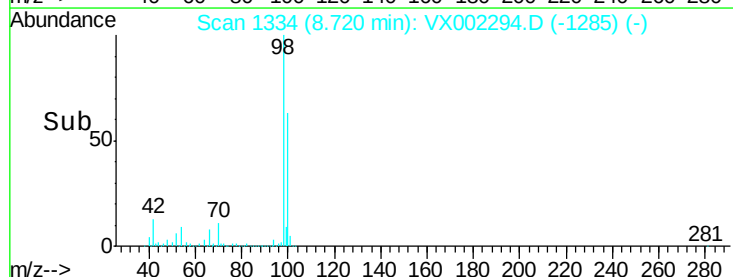
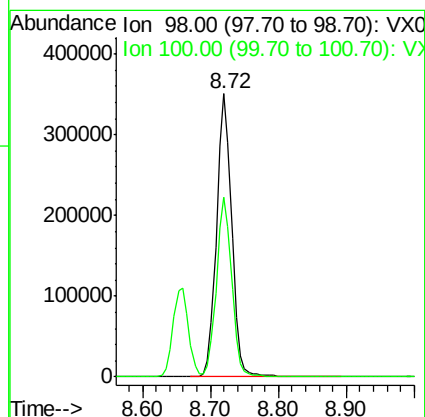
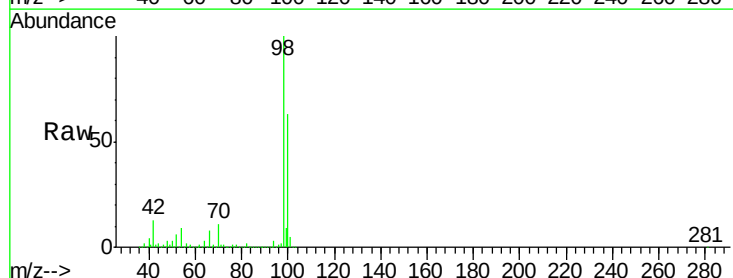
Acq: 05 Jun 2018 07:11

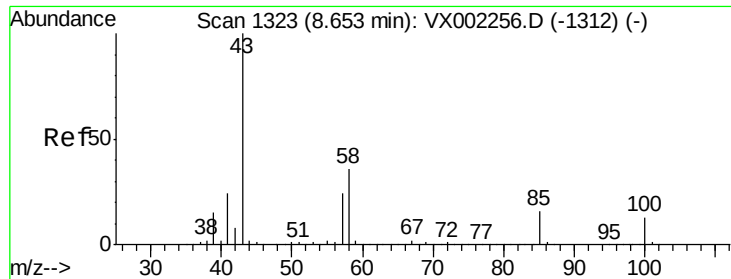
Tgt Ion: 98 Resp: 543970

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 245.46 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

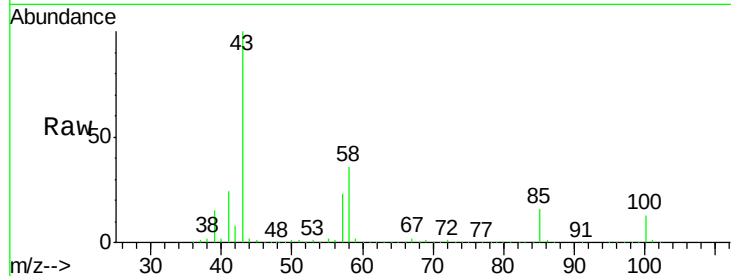
VSTDCCC050EC

Tot Ion: 43 Resp: 1285481

Ion Ratio Lower Upper

43 100

58 35.6 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

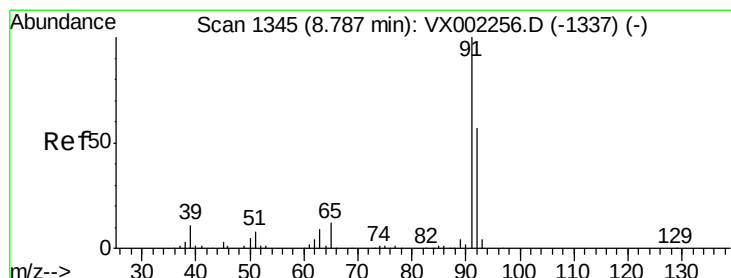
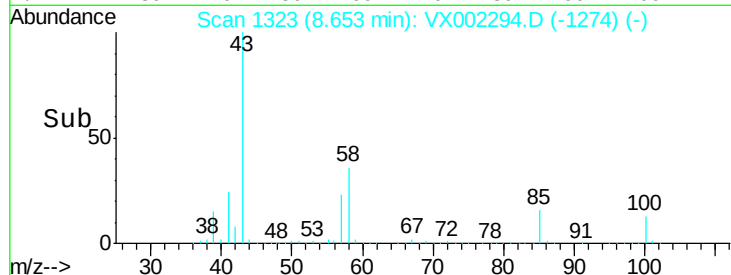
600000

400000

200000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 50.90 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002294.D

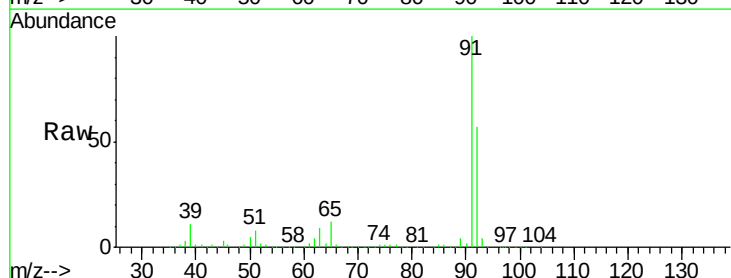
Acq: 05 Jun 2018 07:11

Tgt Ion: 92 Resp: 408699

Ion Ratio Lower Upper

92 100

91 175.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

500000

400000

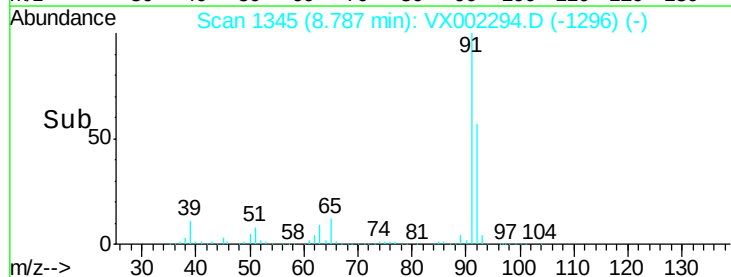
300000

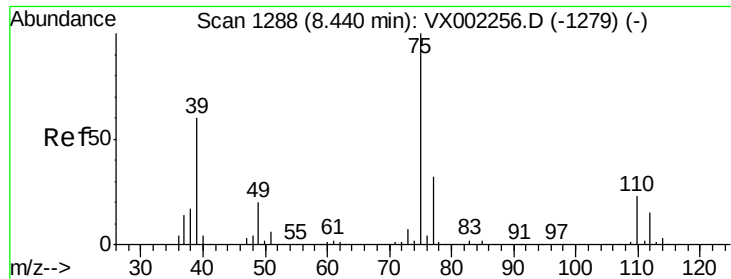
200000

100000

0

Time--> 8.70 8.80 8.90 9.00

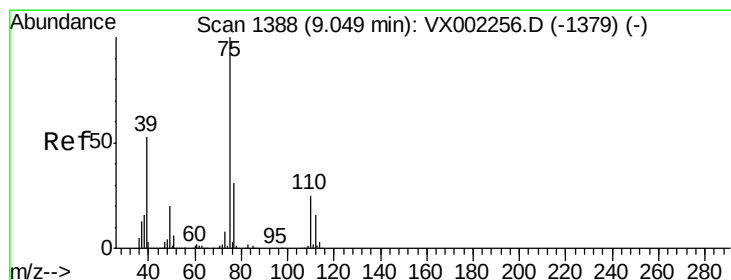
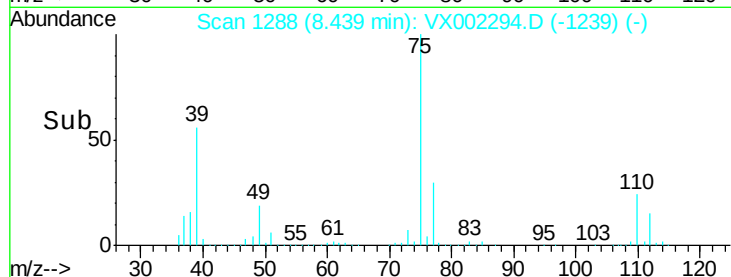
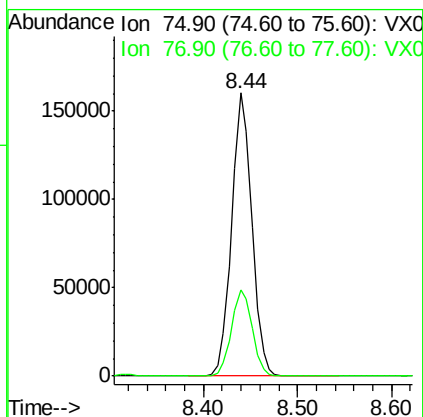
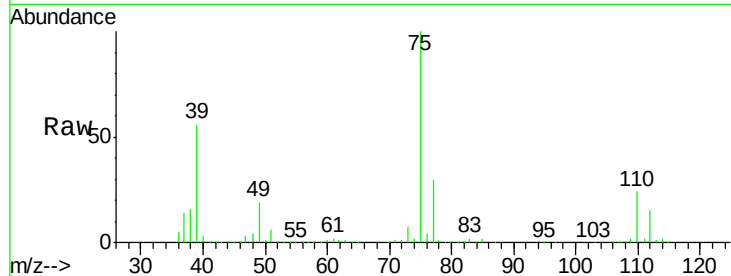




#53
t-1,3-Dichloropropene
Concen: 47.70 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

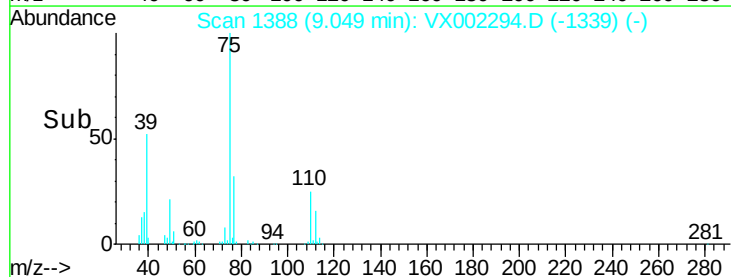
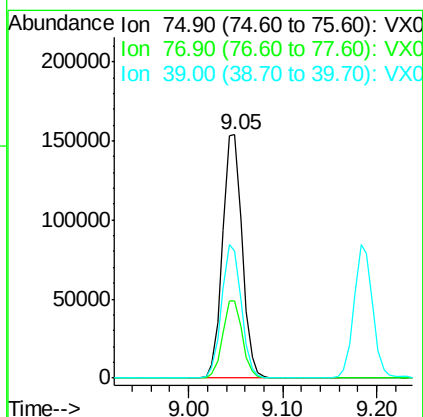
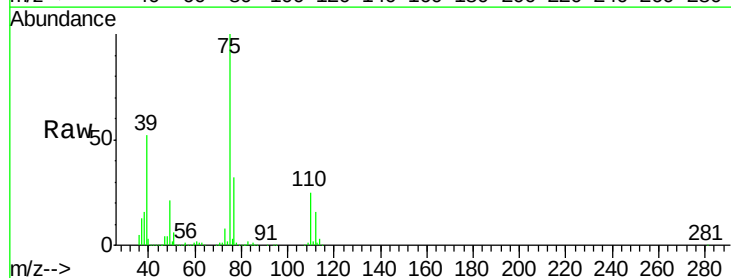
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

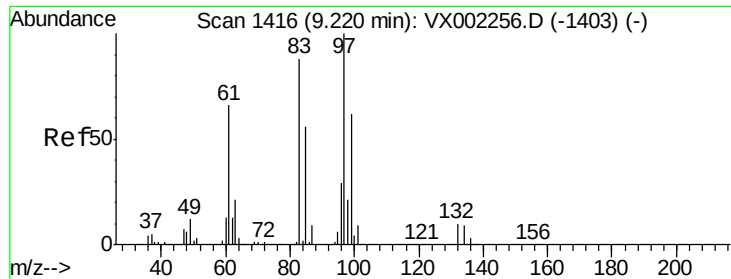
Tot Ion: 75 Resp: 239023
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 47.08 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion: 75 Resp: 222561
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 52.2 42.4 63.6



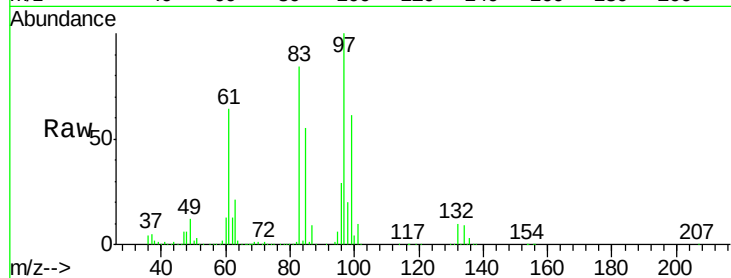


#55
 1,1,2-Trichloroethane
 Concen: 49.67 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 164019

Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.2	105.2
85	55.1	44.9	67.3
99	61.5	49.8	74.8

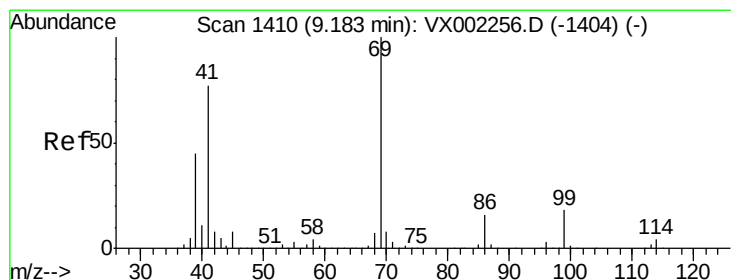
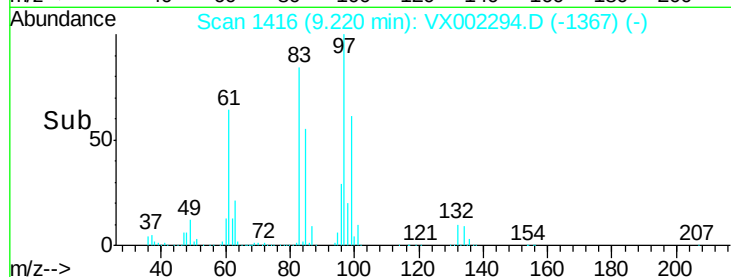
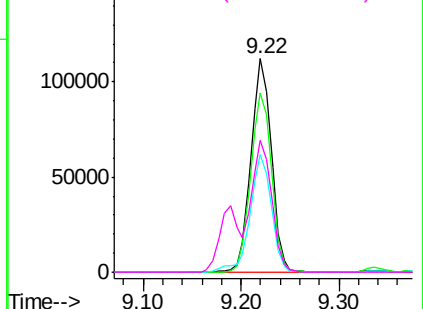


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

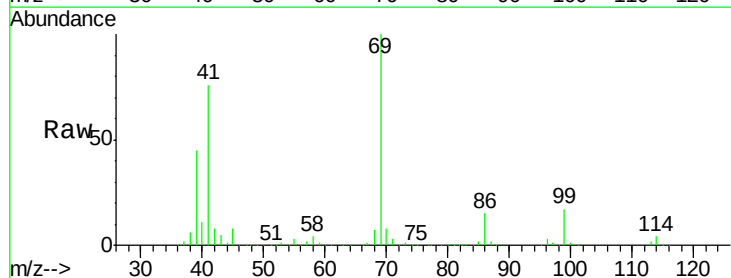
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 48.92 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion: 69 Resp: 257930

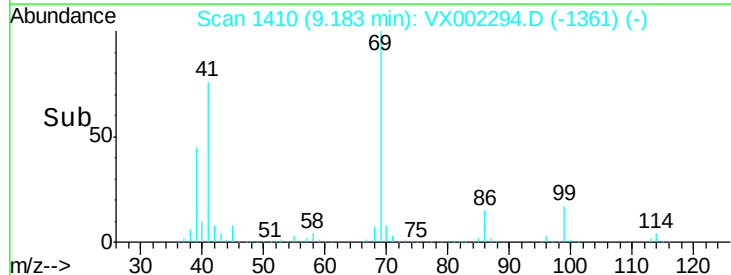
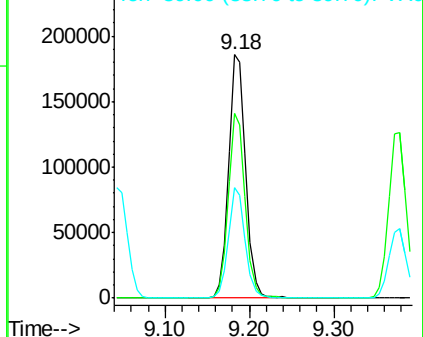
Ion	Ratio	Lower	Upper
69	100		
41	74.7	60.3	90.5
39	44.7	35.8	53.8

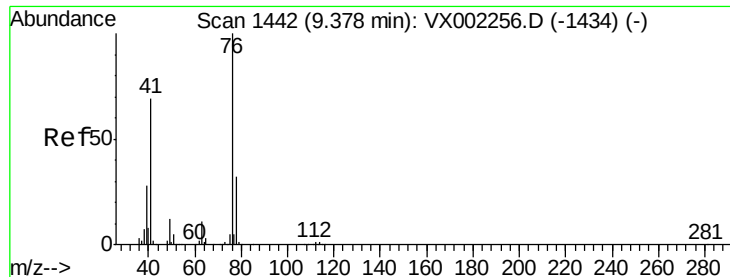


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

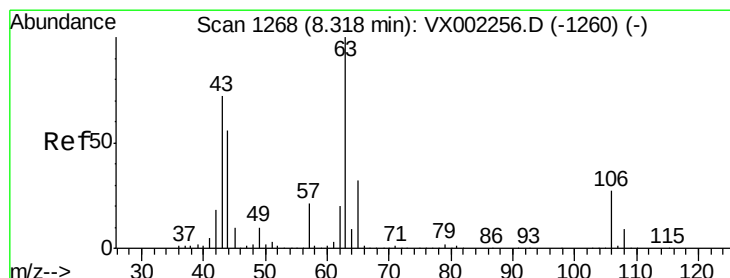
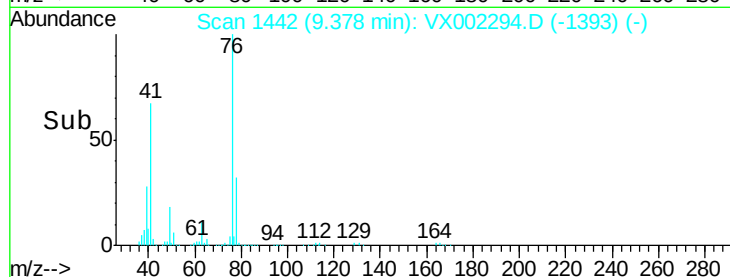
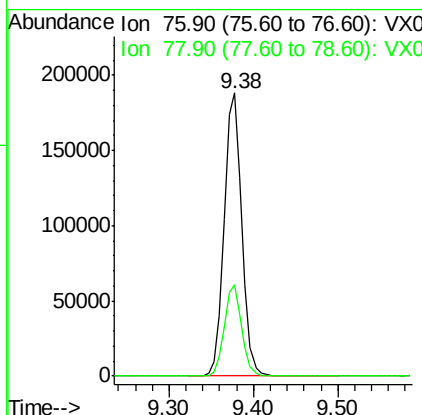
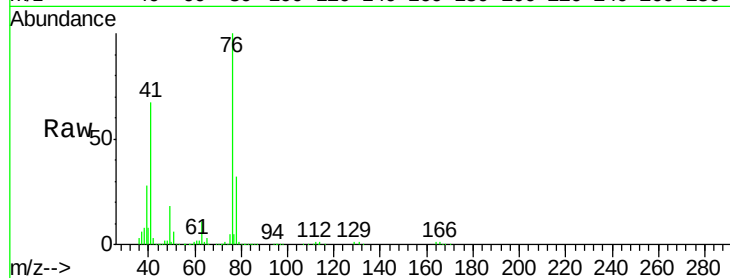




#57
 1,3-Dichloropropane
 Concen: 48.99 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

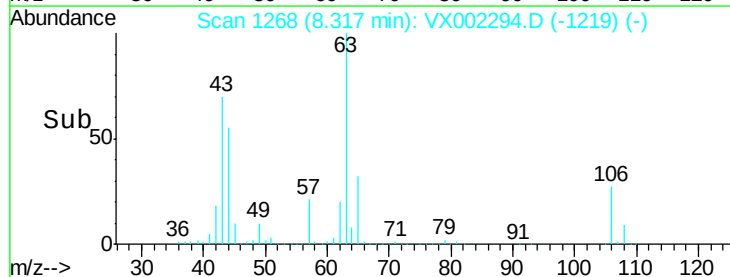
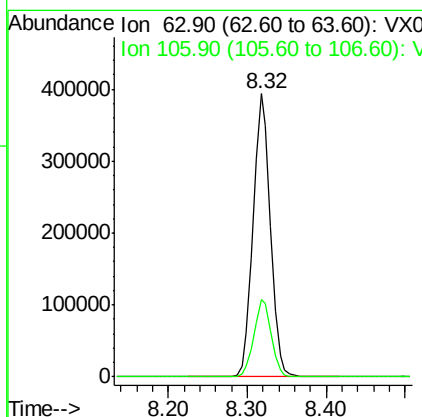
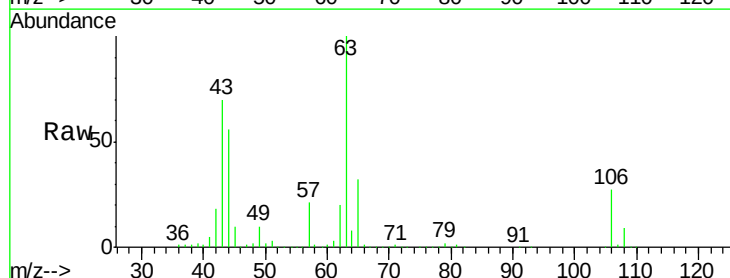
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

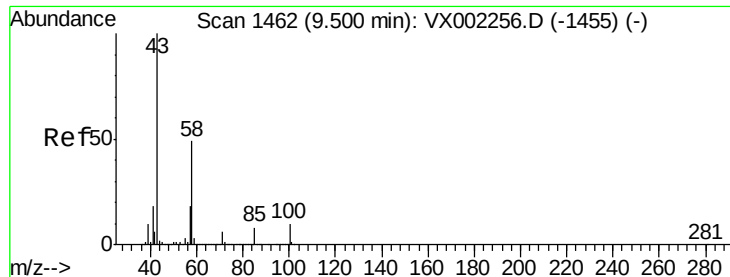
Tot Ion: 76 Resp: 271379
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.69 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion: 63 Resp: 601949
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.8 32.8

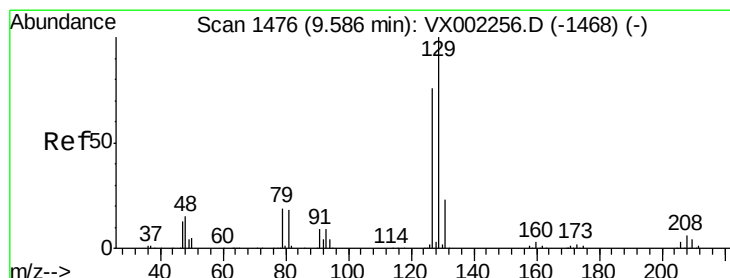
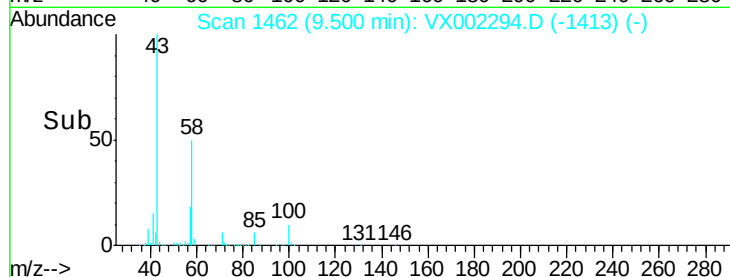
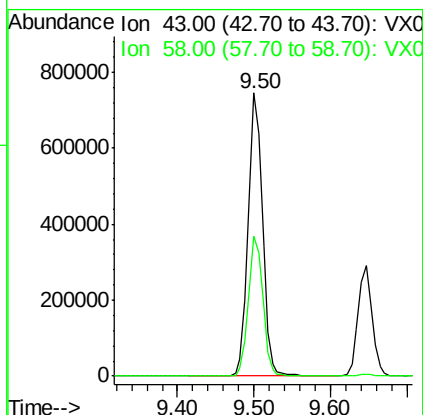
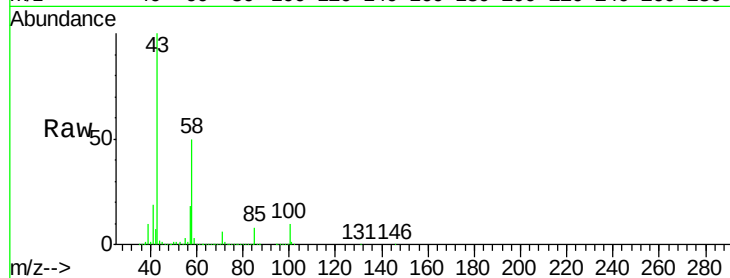




#59
2-Hexanone
Concen: 242.33 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

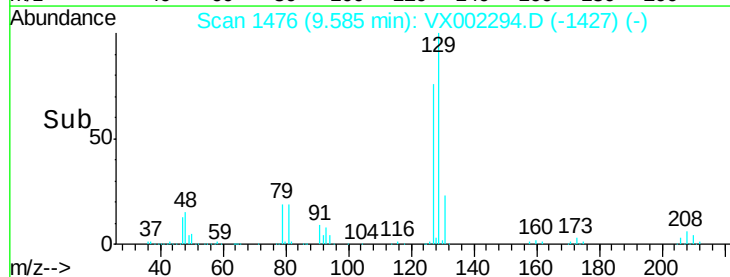
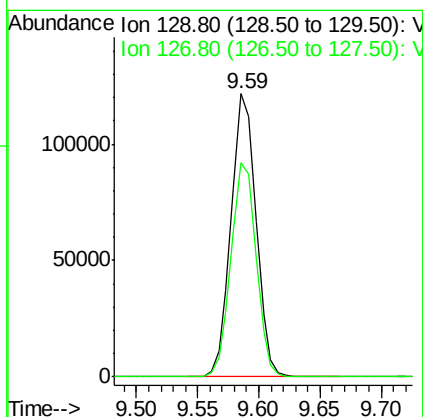
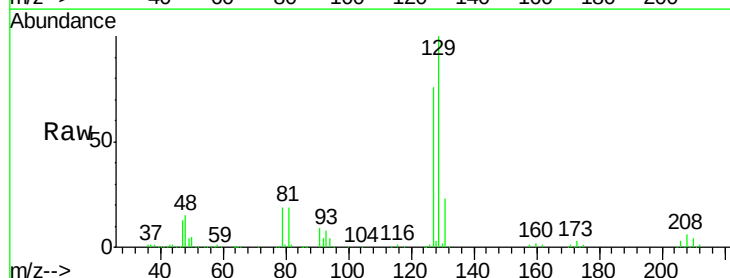
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

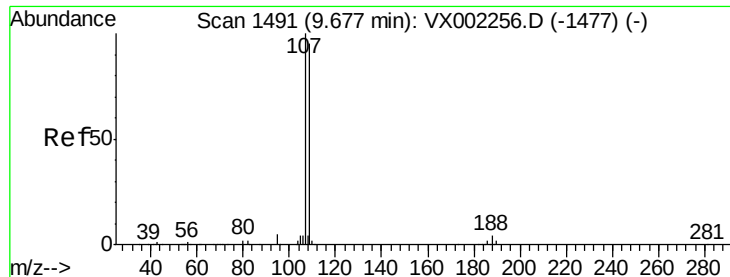
Tot Ion: 43 Resp: 980274
Ion Ratio Lower Upper
43 100
58 50.0 24.6 73.6



#60
Dibromochloromethane
Concen: 51.71 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion: 129 Resp: 171737
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.95 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

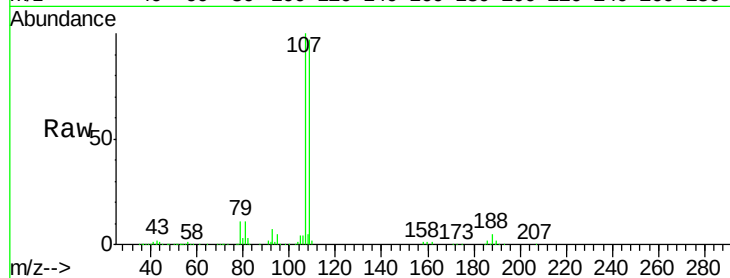
VSTDCCC050EC

Tot Ion:107 Resp: 175432

Ion Ratio Lower Upper

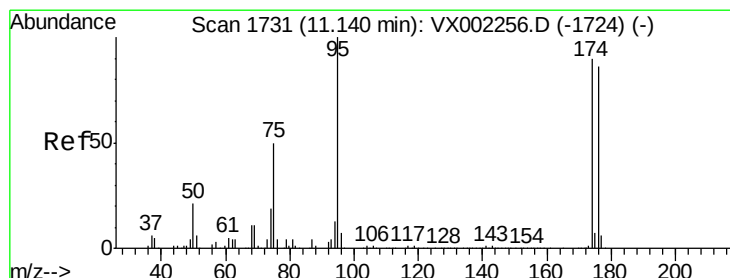
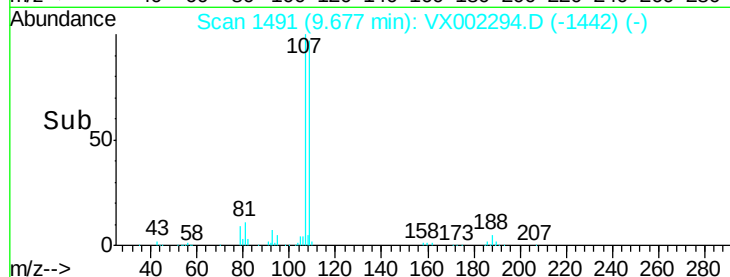
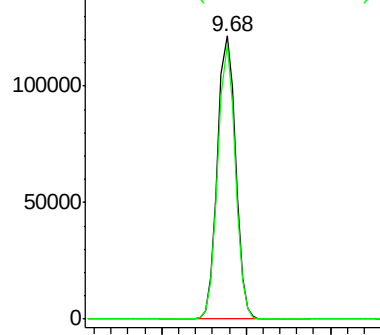
107 100

109 93.2 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: 45.78 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

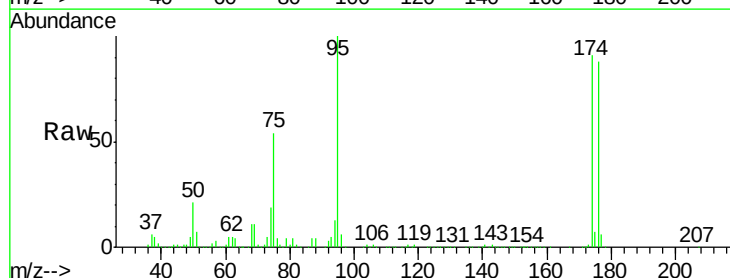
Tgt Ion: 95 Resp: 208403

Ion Ratio Lower Upper

95 100

174 95.4 0.0 187.4

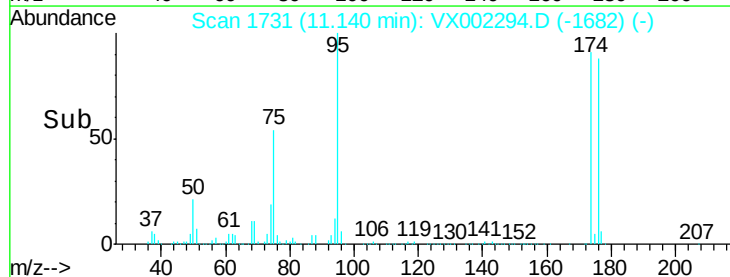
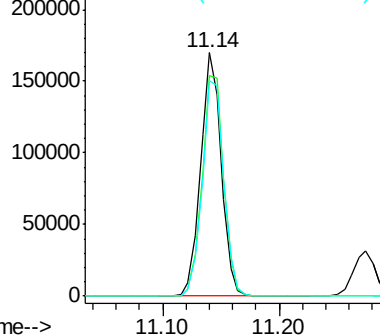
176 92.8 0.0 181.0

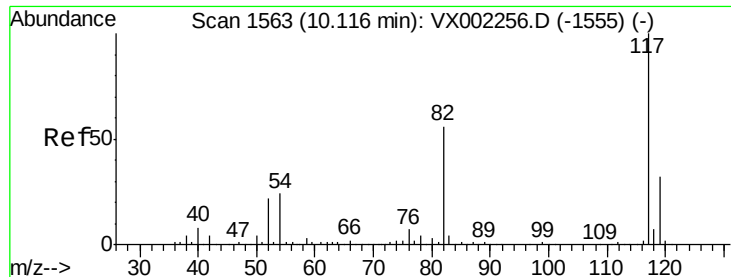


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

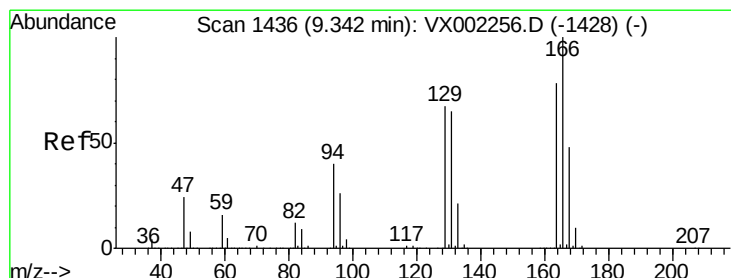
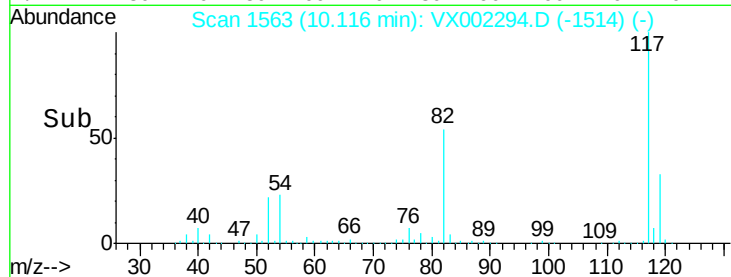
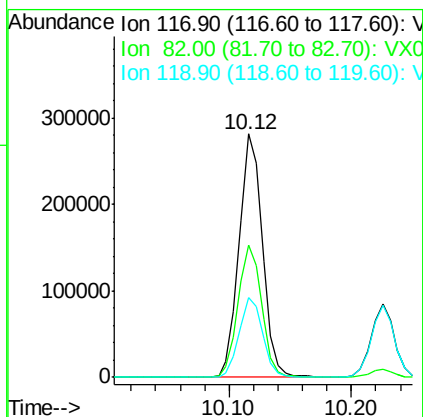
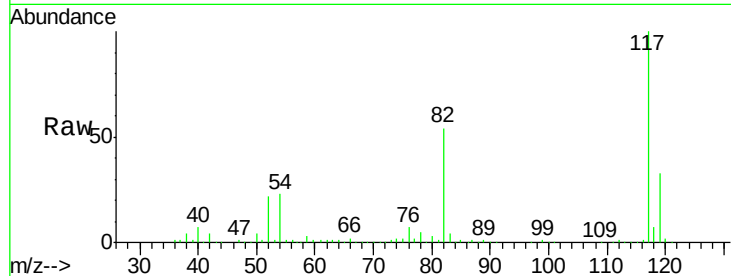




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

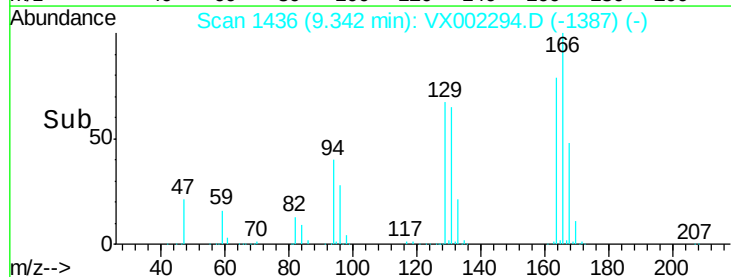
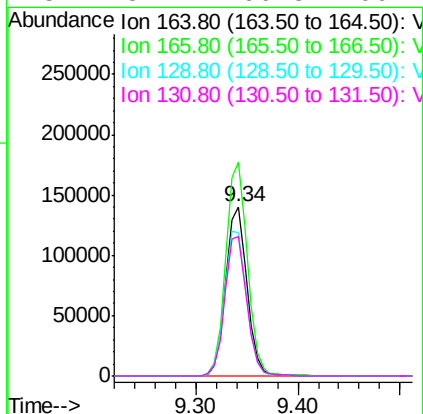
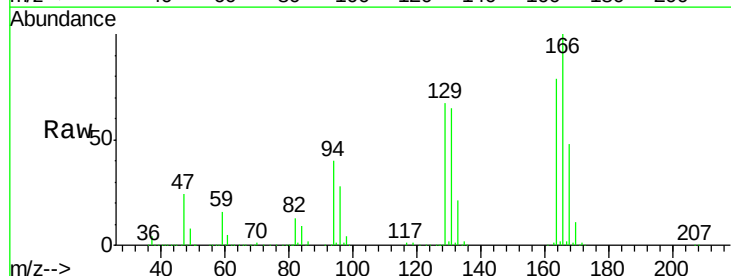
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

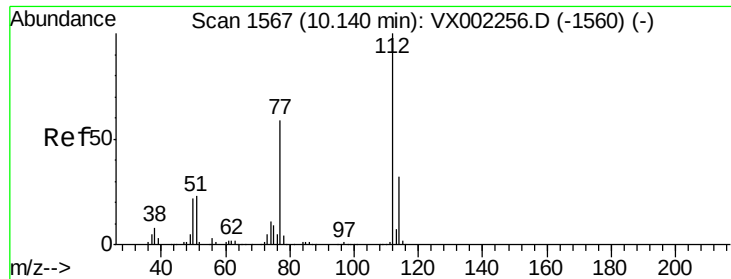
Tot Ion:117 Resp: 372807
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 52.77 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion:164 Resp: 202906
Ion Ratio Lower Upper
164 100
166 126.1 102.9 154.3
129 84.9 68.6 102.8
131 82.4 66.8 100.2

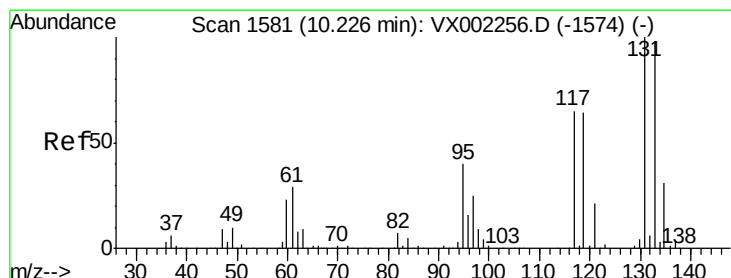
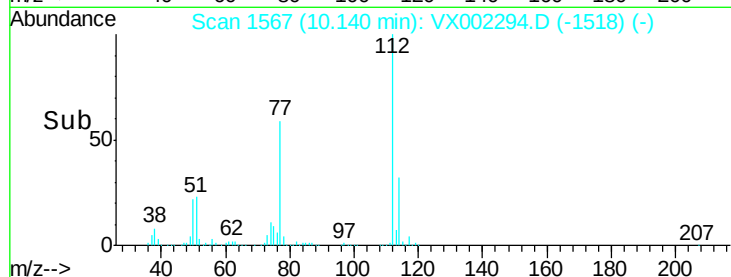
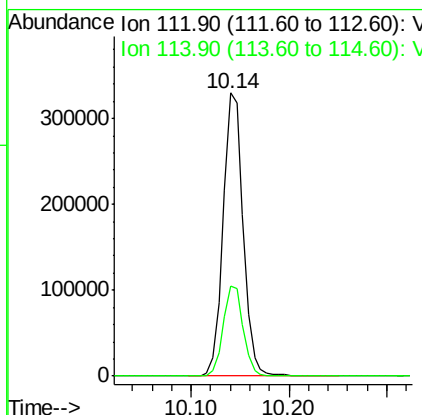
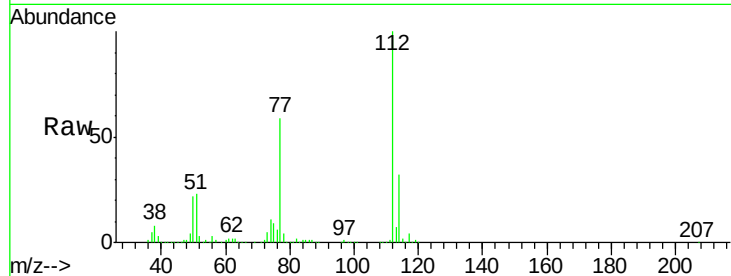




#65
Chlorobenzene
Concen: 50.33 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

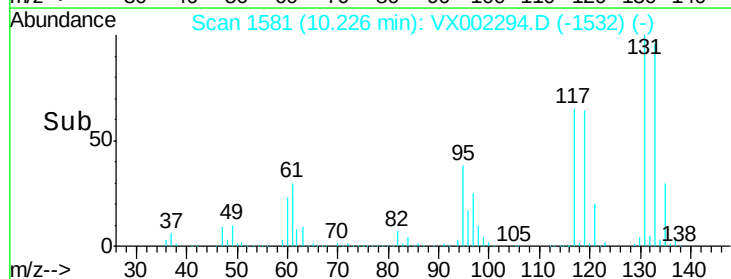
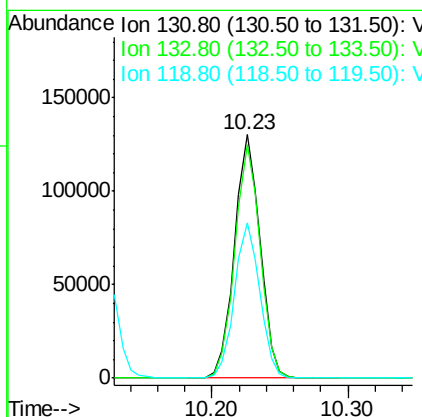
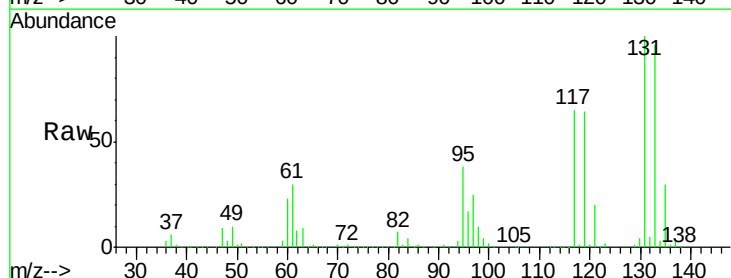
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

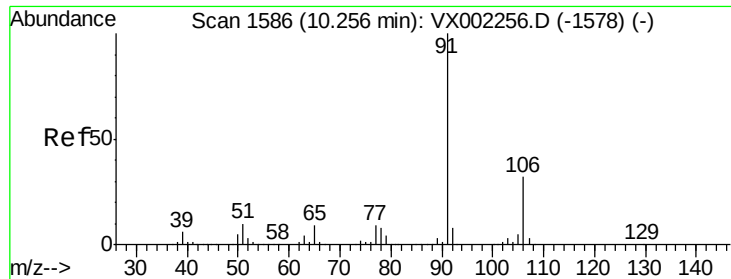
Tot Ion:112 Resp: 466926
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.78 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion:131 Resp: 170574
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 63.3 31.8 95.3

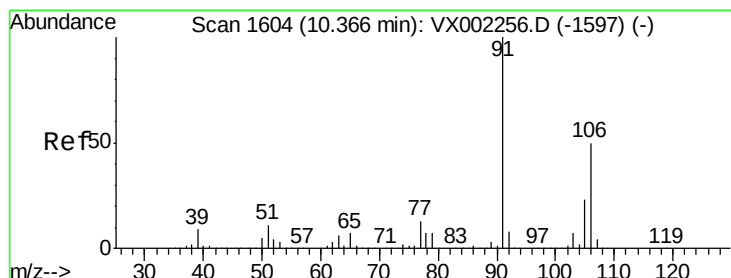
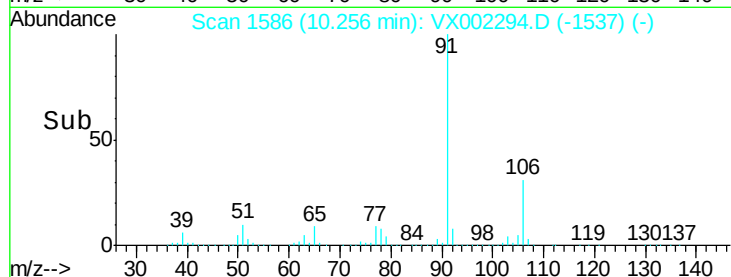
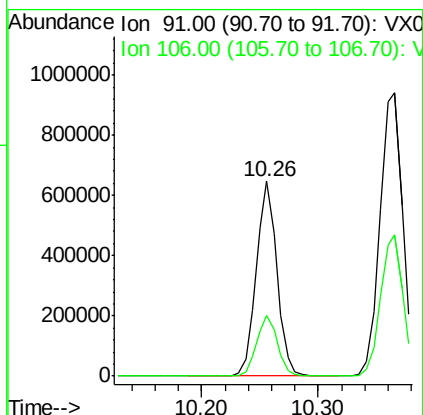
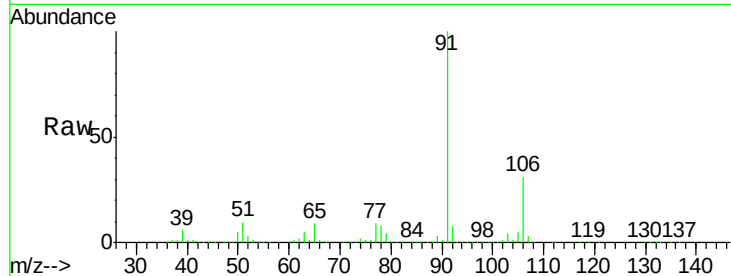




#67
Ethyl Benzene
Concen: 51.89 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

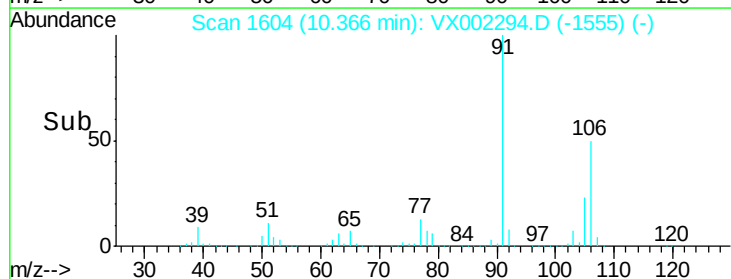
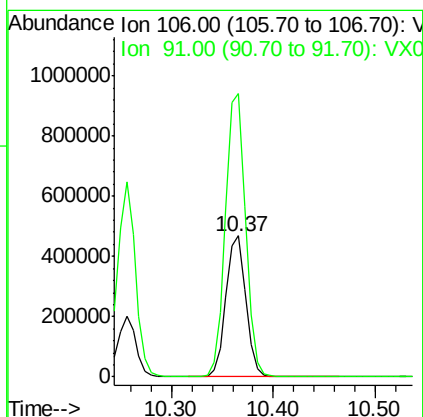
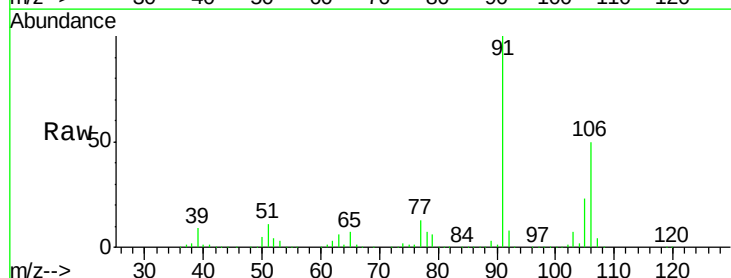
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

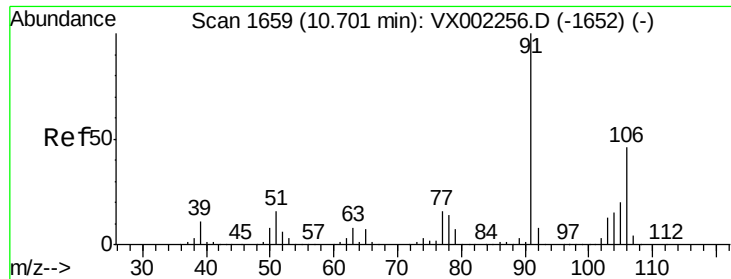
Tot Ion: 91 Resp: 805487
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 104.70 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion: 106 Resp: 631843
Ion Ratio Lower Upper
106 100
91 204.4 163.4 245.2

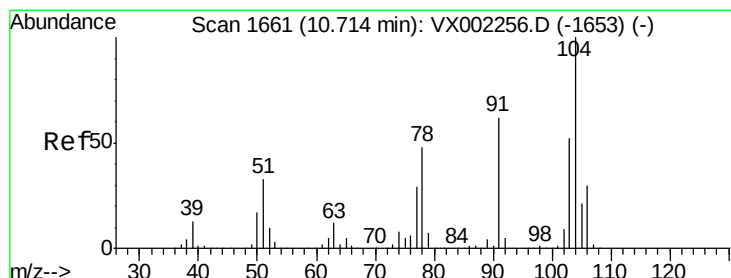
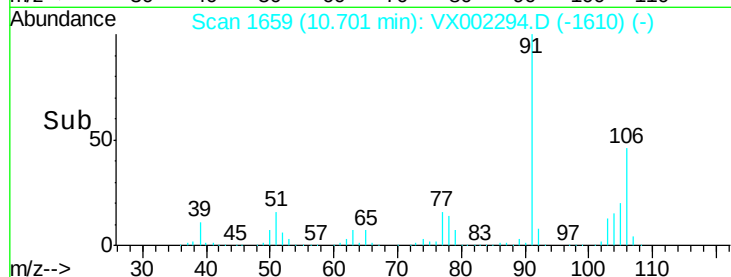
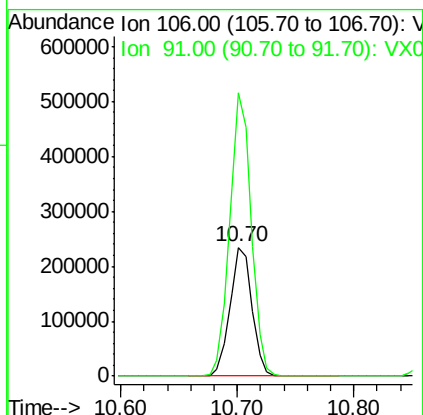
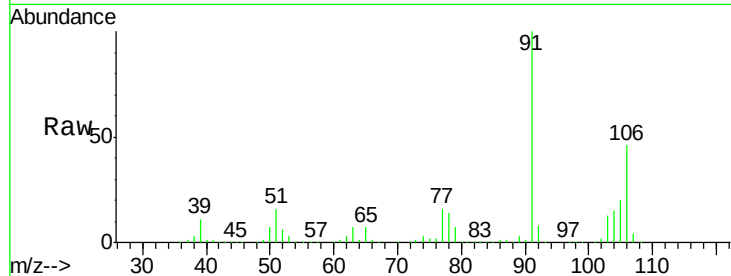




#69
o-Xylene
Concen: 51.59 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

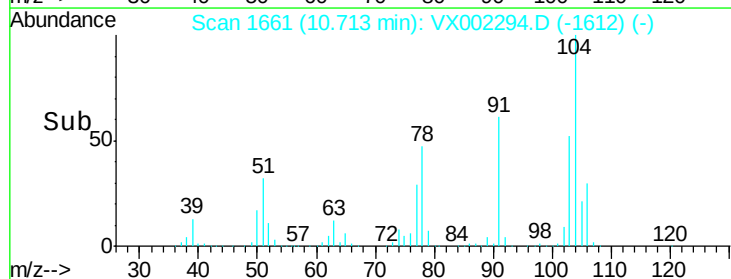
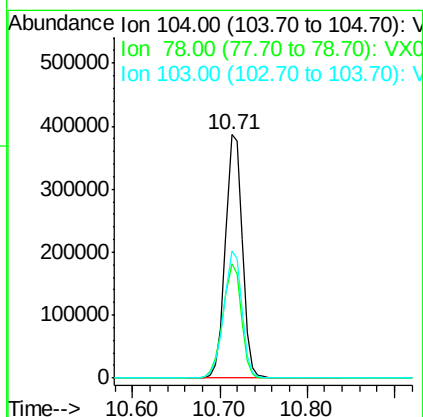
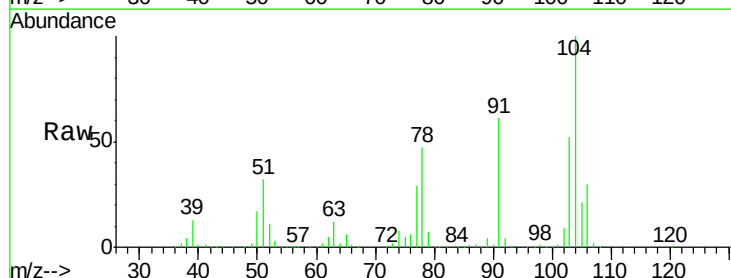
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

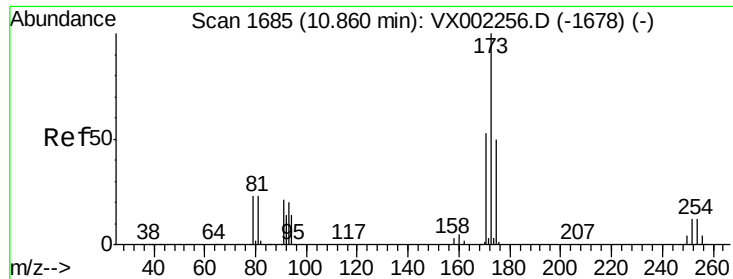
Tot Ion:106 Resp: 309805
Ion Ratio Lower Upper
106 100
91 214.6 108.2 324.6



#70
Styrene
Concen: 52.64 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion:104 Resp: 516841
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.6
103 55.6 44.2 66.4





#71

Bromoform

Concen: 44.33 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

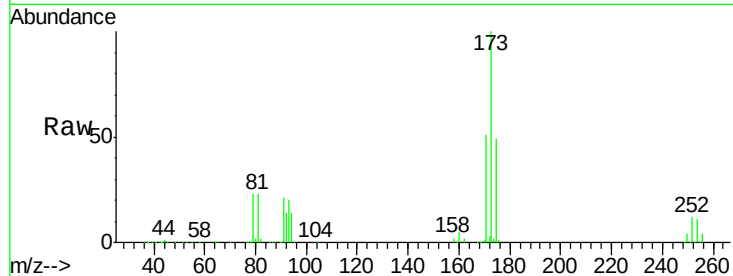
Tot Ion:173 Resp: 132090

Ion Ratio Lower Upper

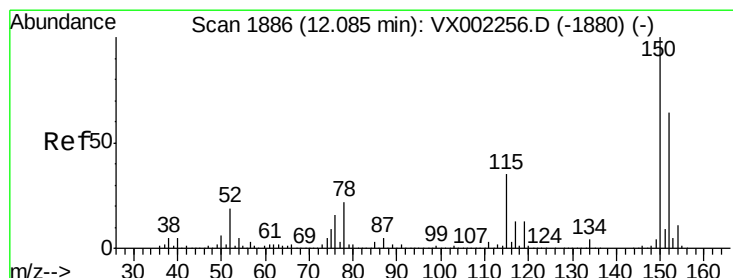
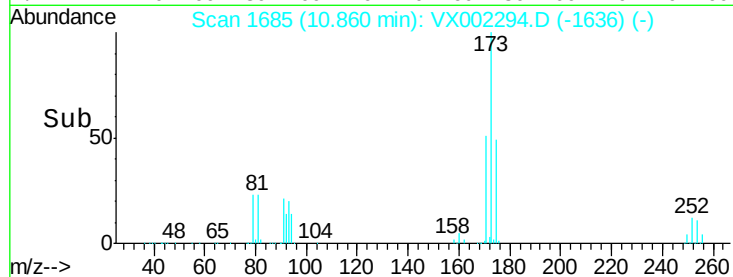
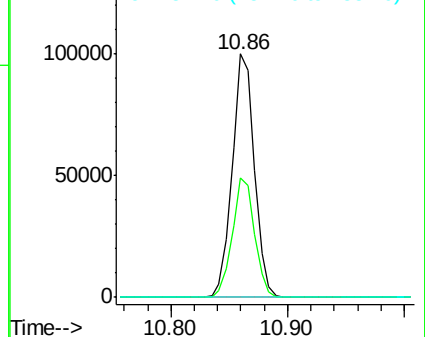
173 100

175 49.0 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

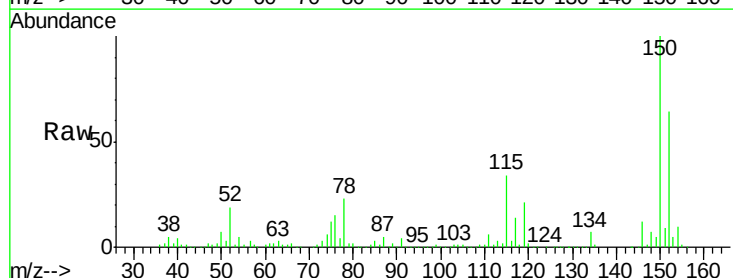
Tgt Ion:152 Resp: 238260

Ion Ratio Lower Upper

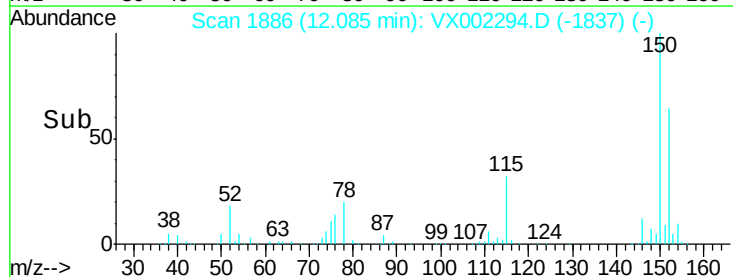
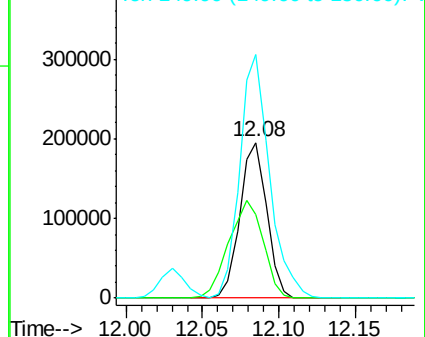
152 100

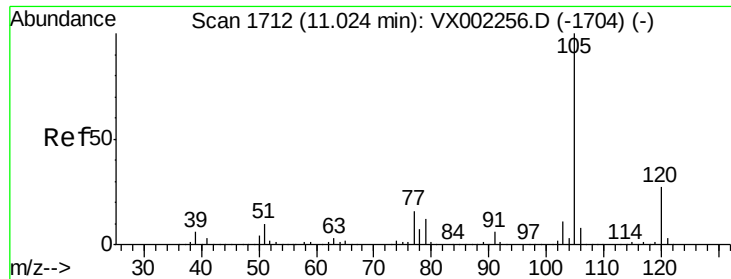
115 79.8 40.1 120.2

150 172.8 0.0 347.2



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





#73

Isopropylbenzene

Concen: 50.38 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

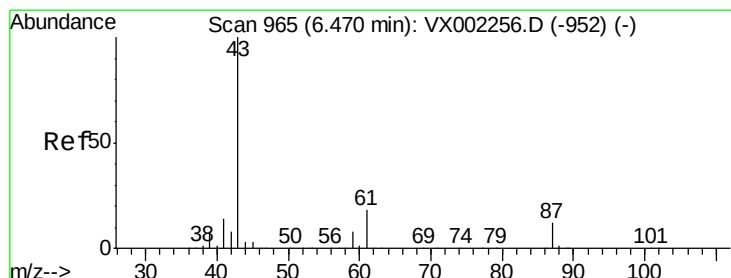
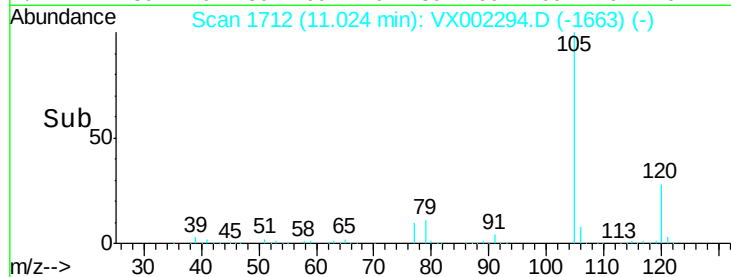
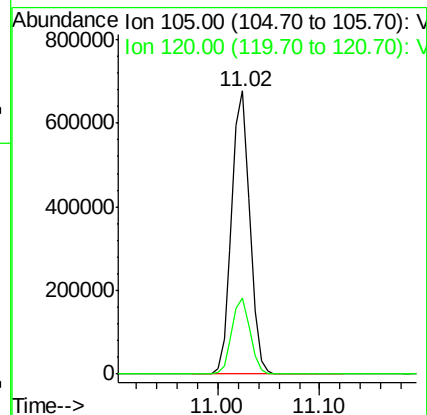
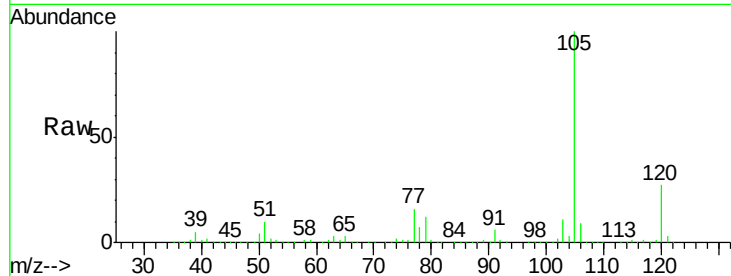
VSTDCCC050EC

Tot Ion:105 Resp: 834950

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 44.74 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Tgt Ion: 43 Resp: 399586

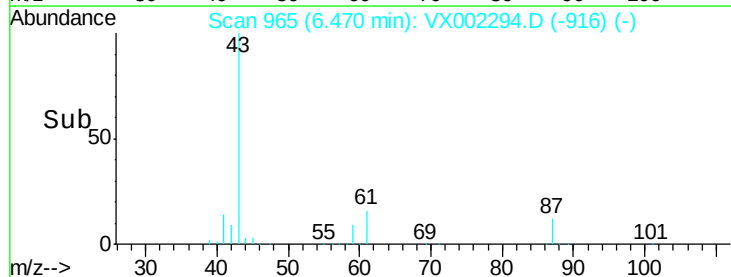
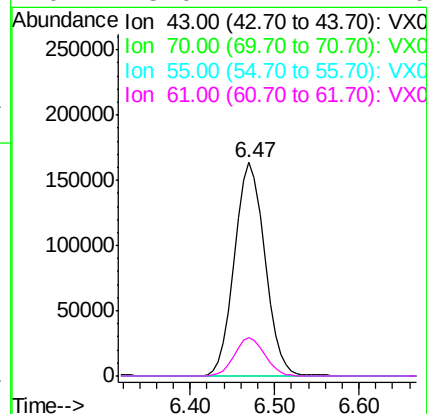
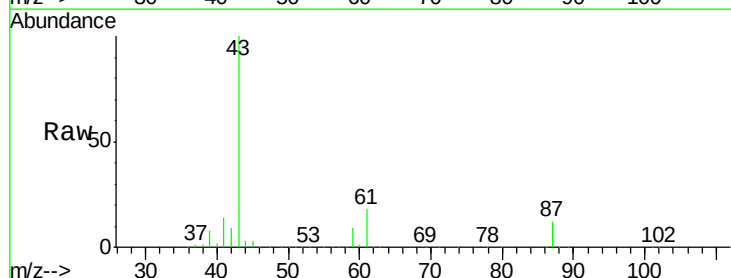
Ion Ratio Lower Upper

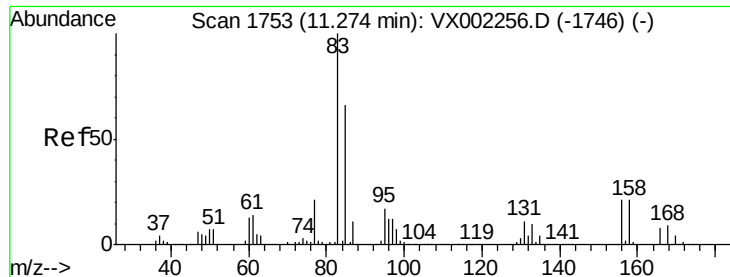
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.0 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.46 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

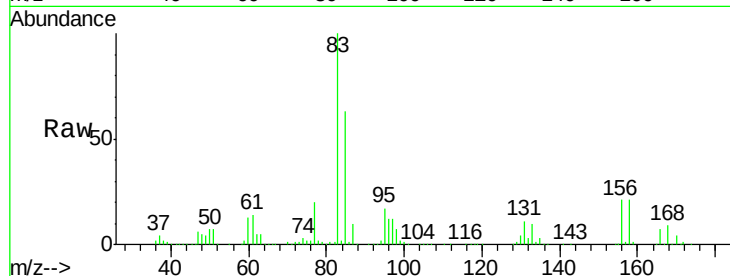
Tot Ion: 83 Resp: 242178

Ion Ratio Lower Upper

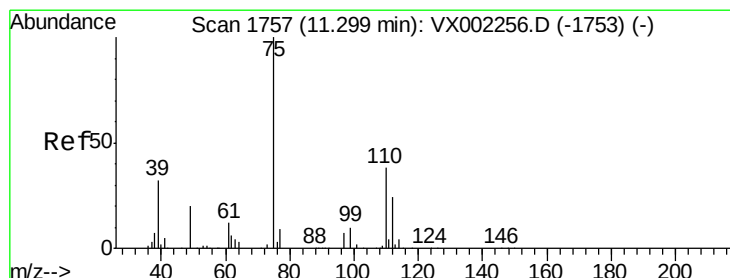
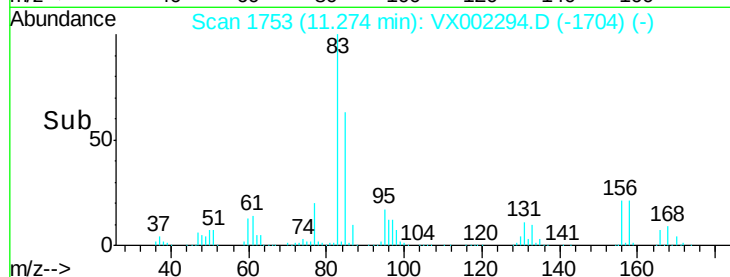
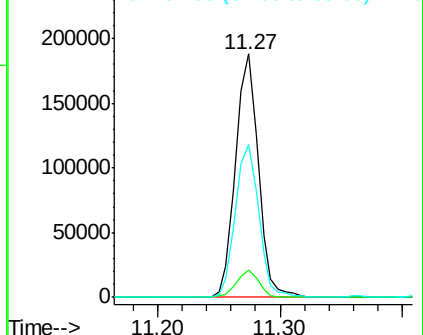
83 100

131 11.2 5.6 16.8

85 64.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 53.73 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002294.D

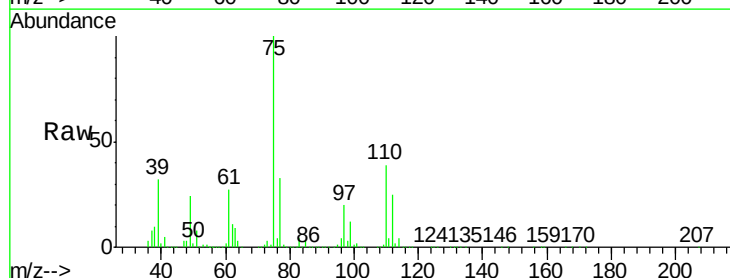
Acq: 05 Jun 2018 07:11

Tgt Ion: 75 Resp: 280906

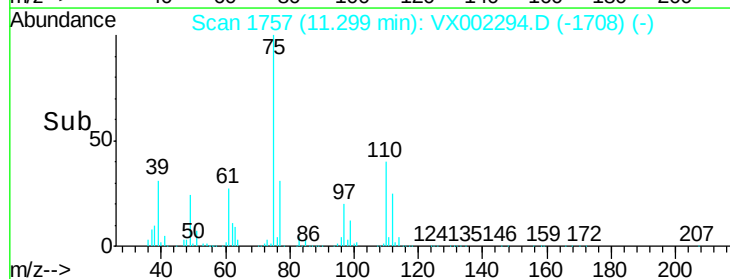
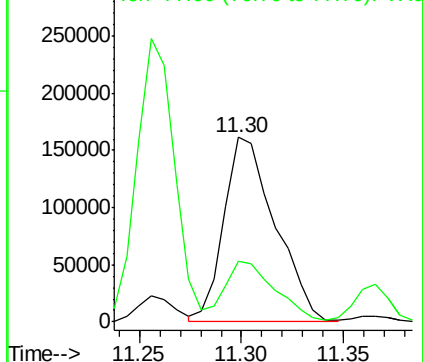
Ion Ratio Lower Upper

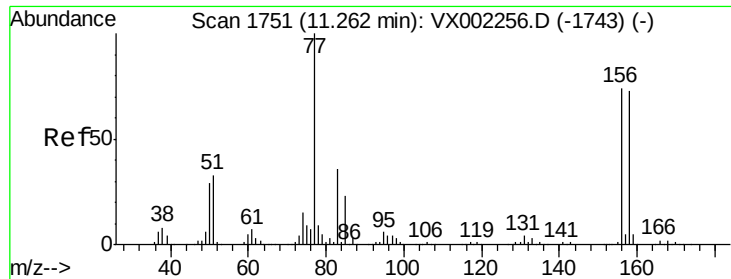
75 100

77 32.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.88 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

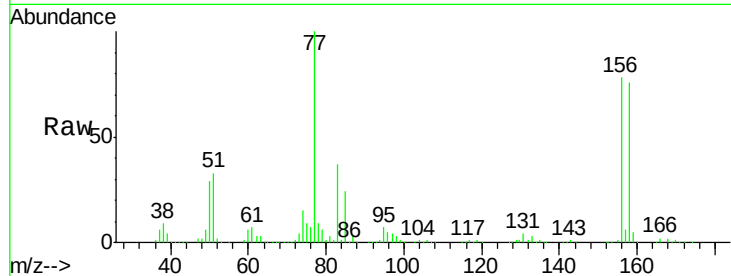
Tot Ion:156 Resp: 227432

Ion Ratio Lower Upper

156 100

77 139.8 71.4 214.2

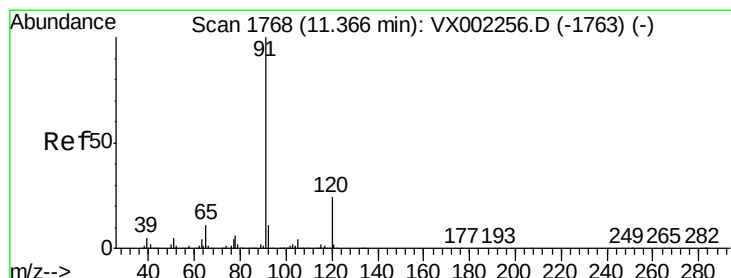
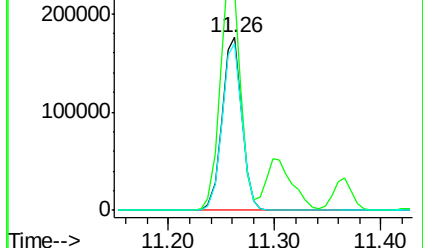
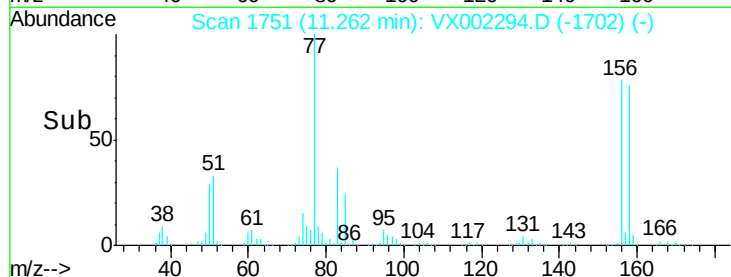
158 97.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.77 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002294.D

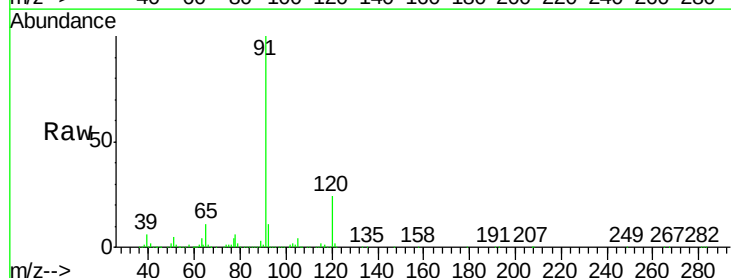
Acq: 05 Jun 2018 07:11

Tgt Ion: 91 Resp: 953739

Ion Ratio Lower Upper

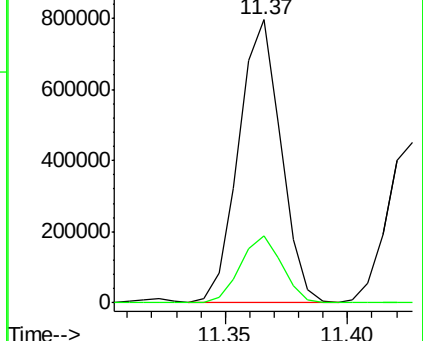
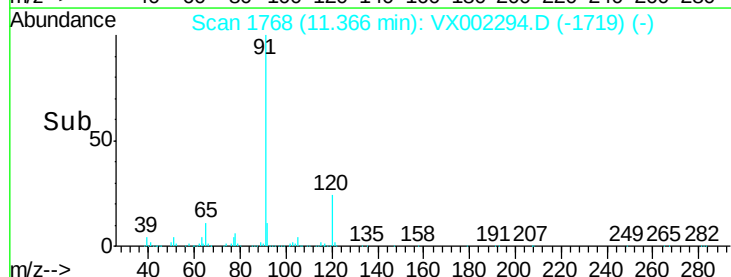
91 100

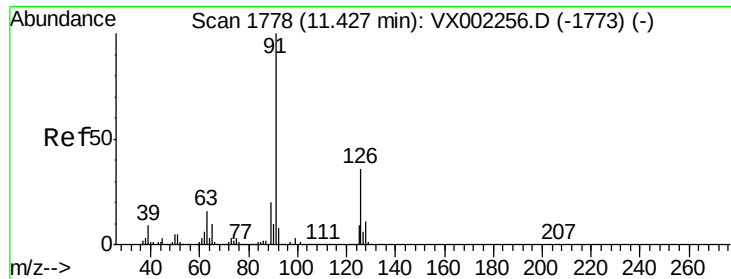
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.21 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

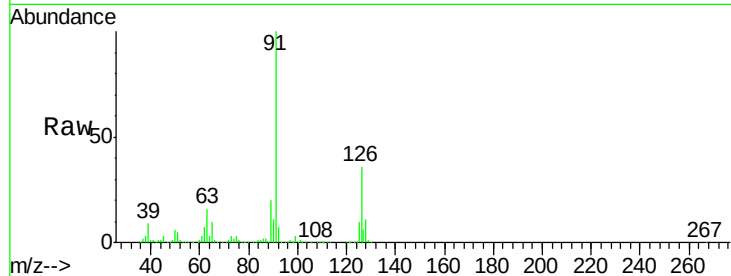
VSTDCCC050EC

Tot Ion: 91 Resp: 560839

Ion Ratio Lower Upper

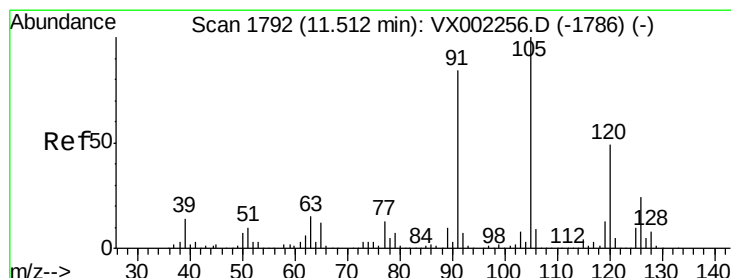
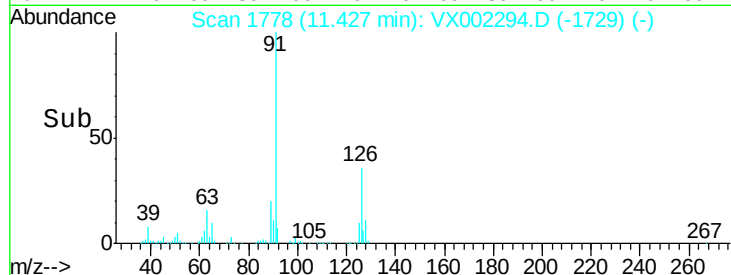
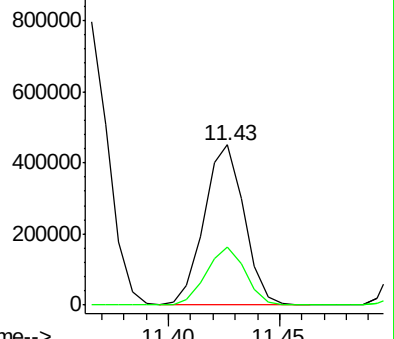
91 100

126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002256.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.24 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002294.D

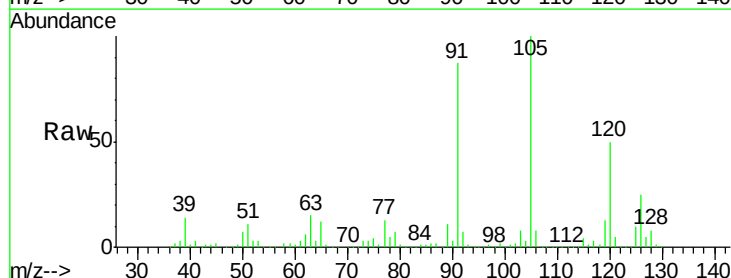
Acq: 05 Jun 2018 07:11

Tgt Ion: 105 Resp: 714273

Ion Ratio Lower Upper

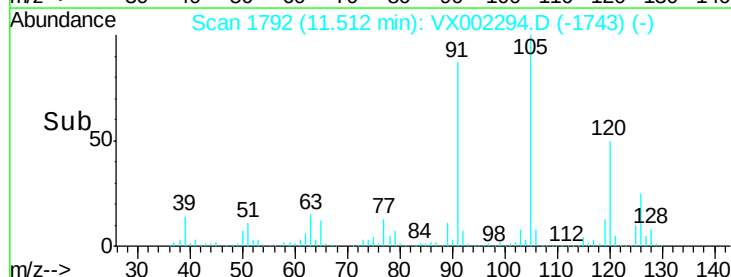
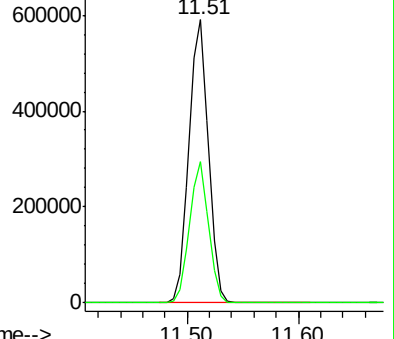
105 100

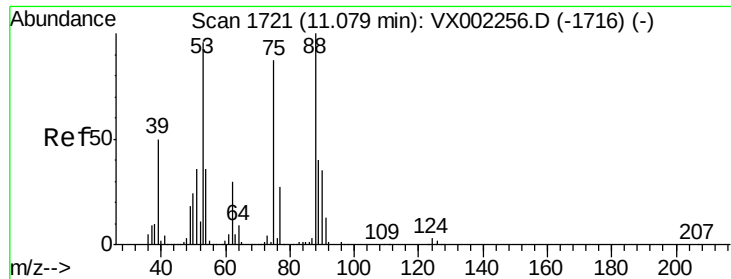
120 48.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002256.D (-1786) (-)

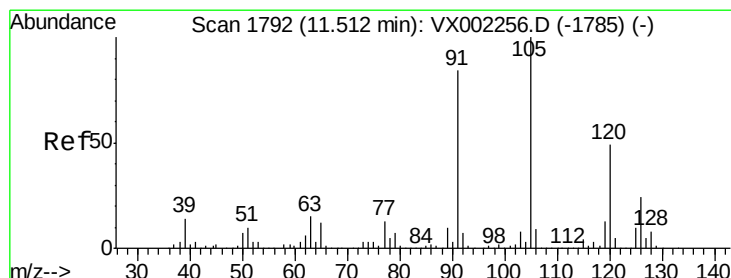
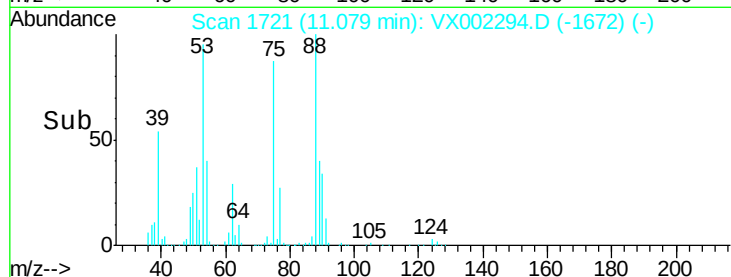
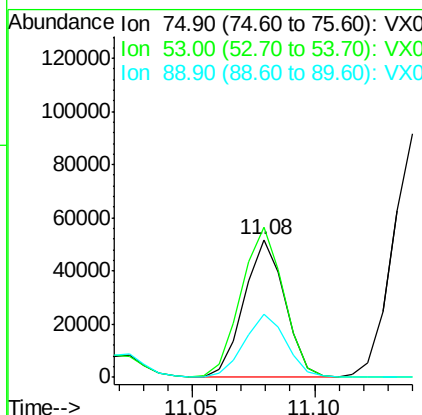
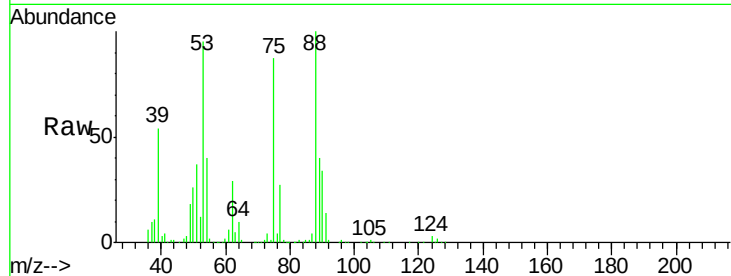




#81
 trans-1,4-Dichloro-2-butene
 Concen: 40.33 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

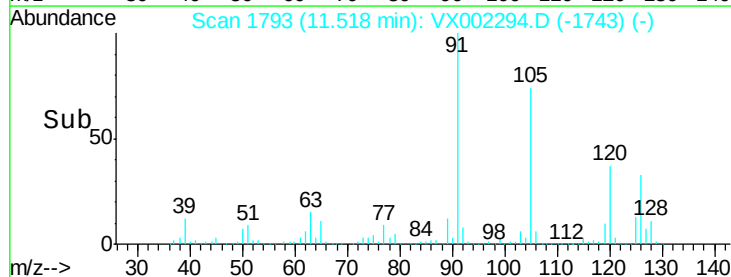
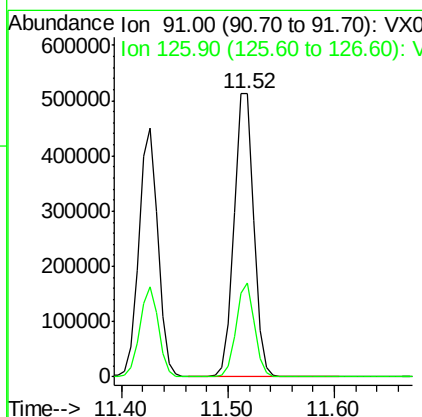
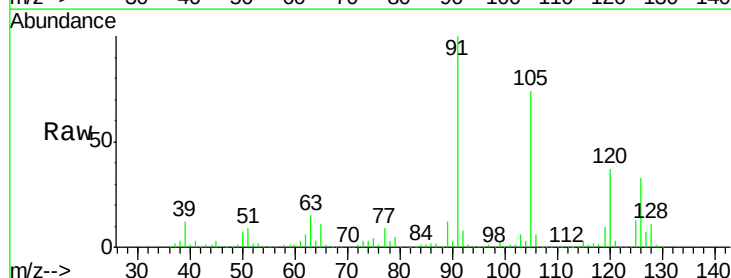
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

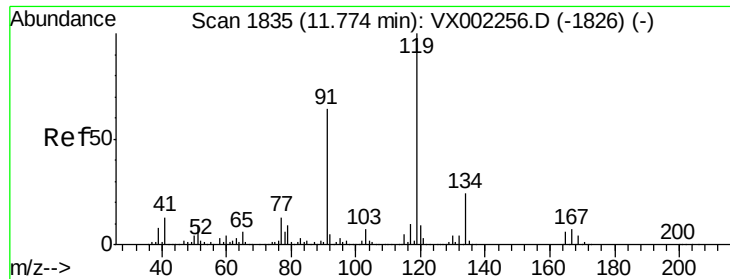
Tot Ion: 75 Resp: 60145
 Ion Ratio Lower Upper
 75 100
 53 113.6 86.8 130.2
 89 47.0 38.2 57.2



#82
 4-Chlorotoluene
 Concen: 49.93 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion: 91 Resp: 670421
 Ion Ratio Lower Upper
 91 100
 126 30.9 15.4 46.4

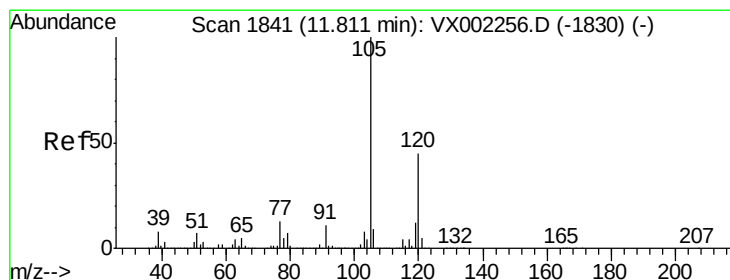
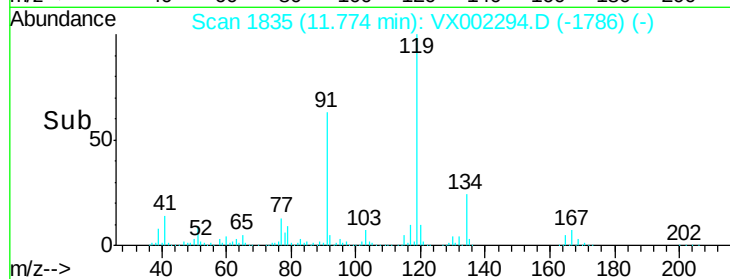
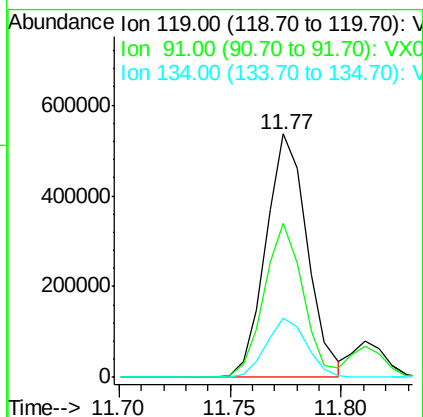
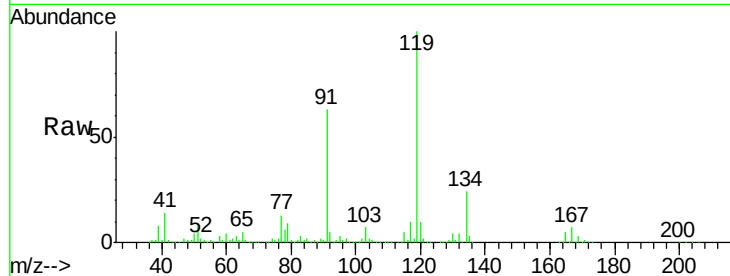




#83
 tert-Butylbenzene
 Concen: 49.99 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

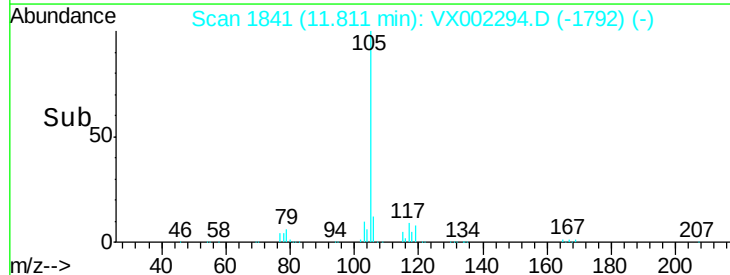
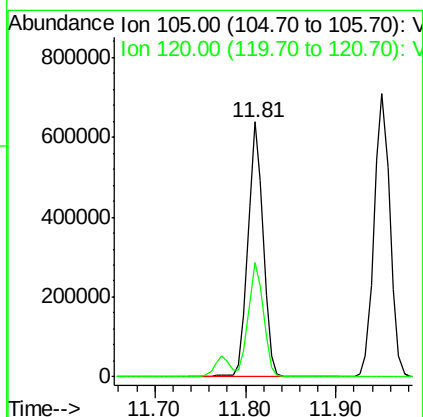
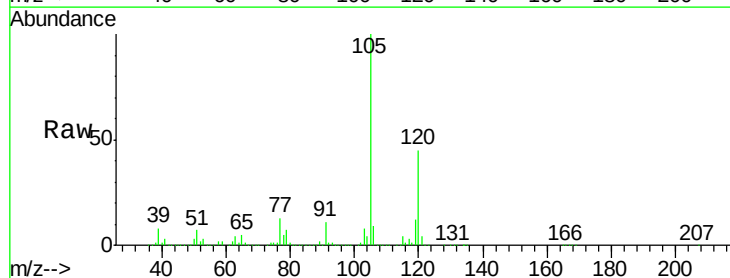
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

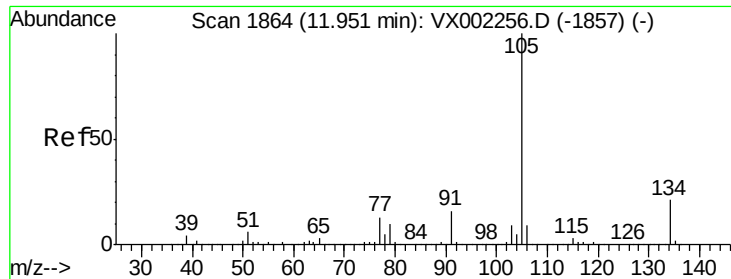
Tot Ion:119 Resp: 692041
 Ion Ratio Lower Upper
 119 100
 91 60.1 30.3 90.9
 134 23.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.60 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion:105 Resp: 740465
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 52.92 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

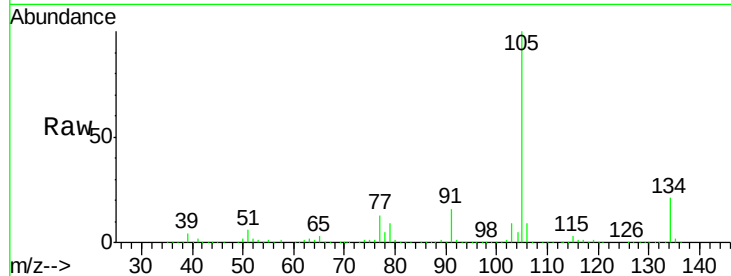
VSTDCCC050EC

Tot Ion:105 Resp: 858905

Ion Ratio Lower Upper

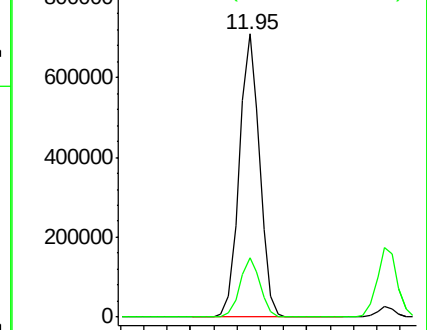
105 100

134 20.7 10.4 31.1

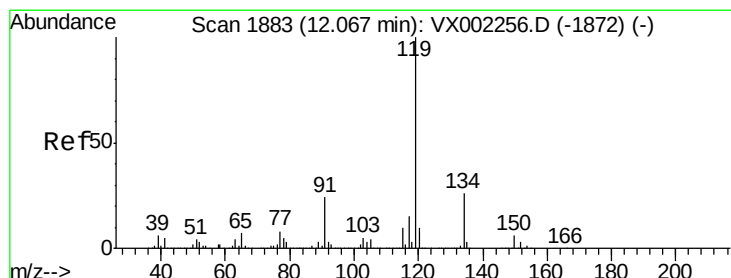
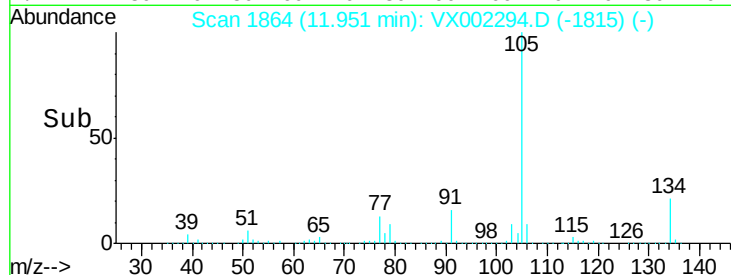


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 51.99 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

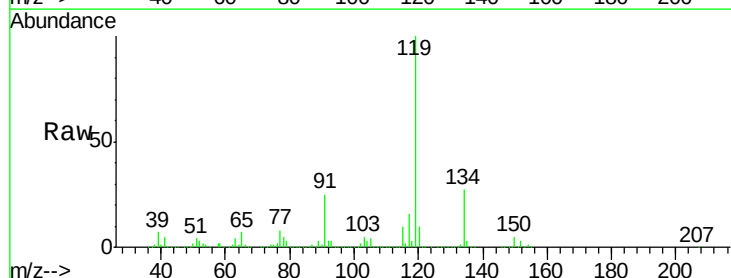
Tgt Ion:119 Resp: 768528

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

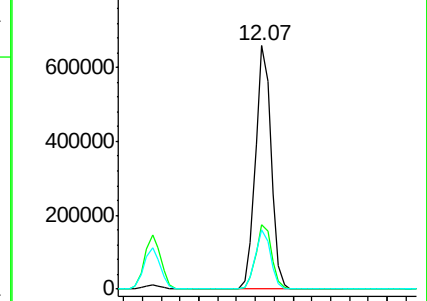
91 24.2 11.9 35.7



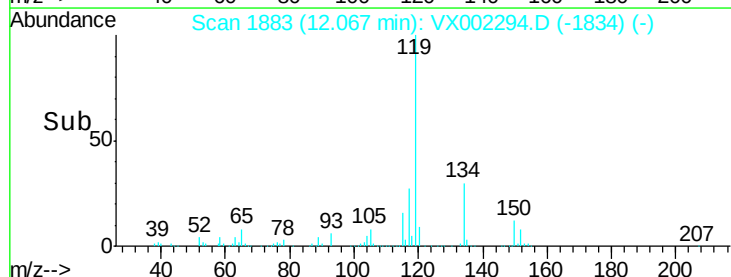
Abundance Ion 119.00 (118.70 to 119.70): V

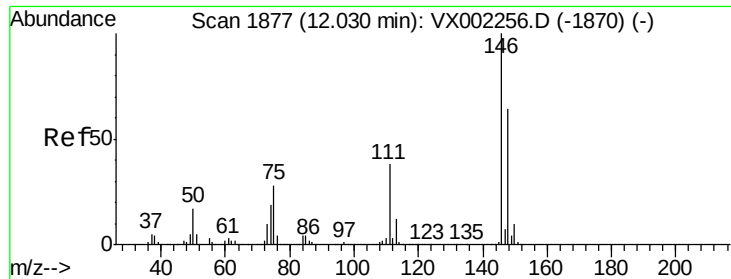
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->

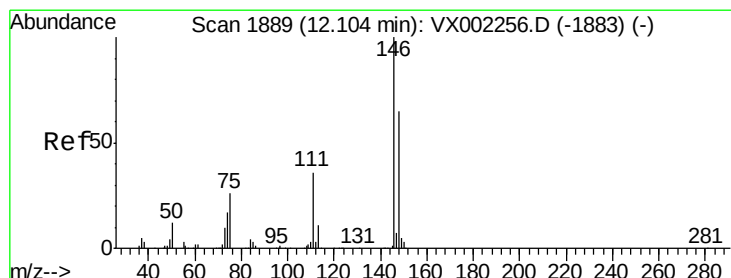
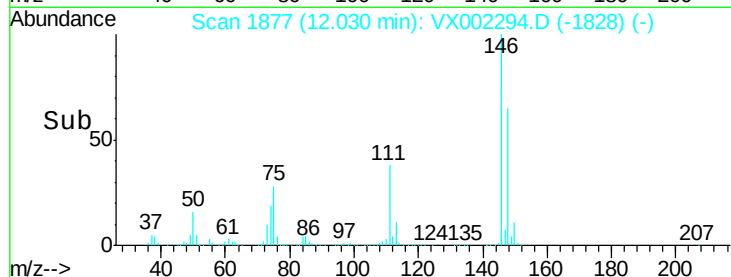
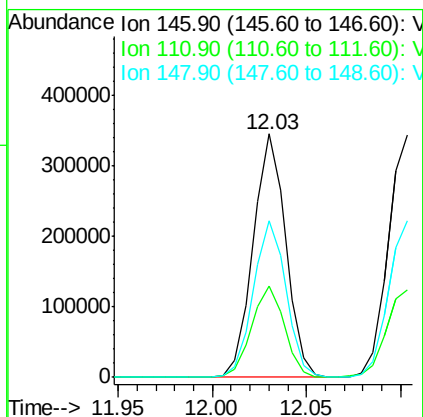
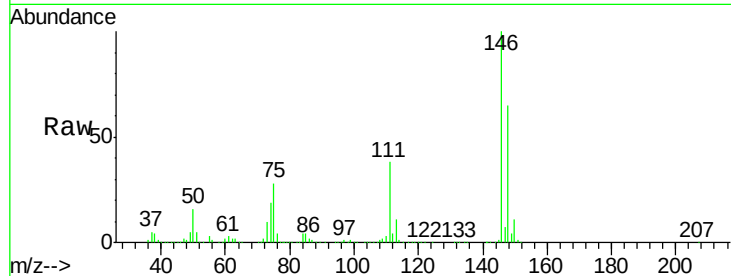




#87
 1,3-Dichlorobenzene
 Concen: 49.88 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

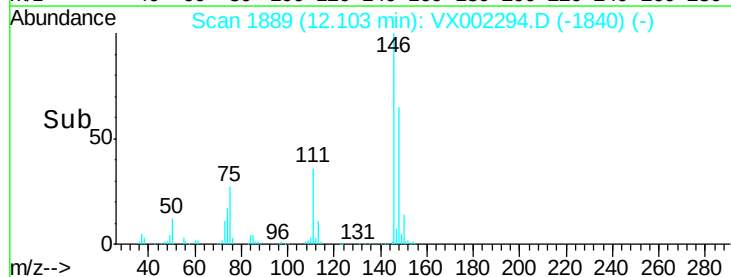
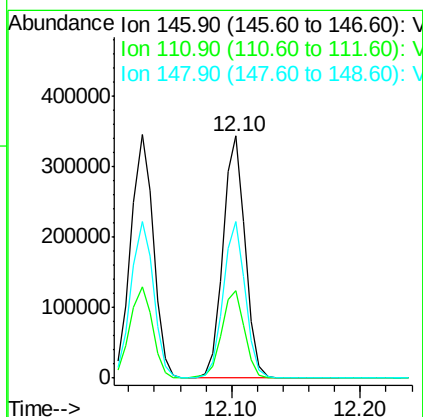
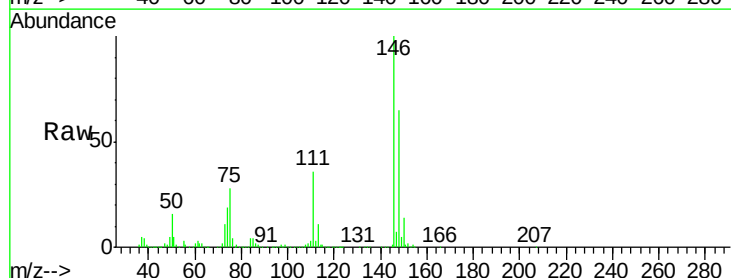
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

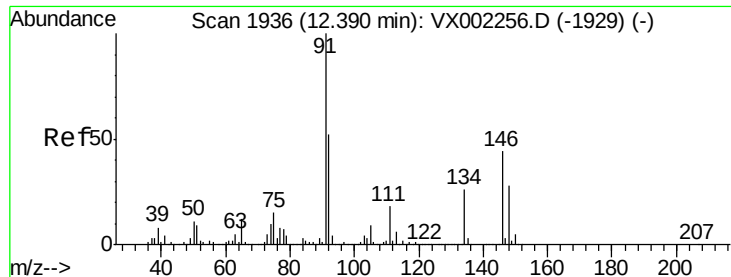
Tot Ion:146 Resp: 414973
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.7
 148 64.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.62 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion:146 Resp: 416969
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.7 56.1
 148 64.2 32.4 97.0





#89

n-Butylbenzene

Concen: 52.84 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

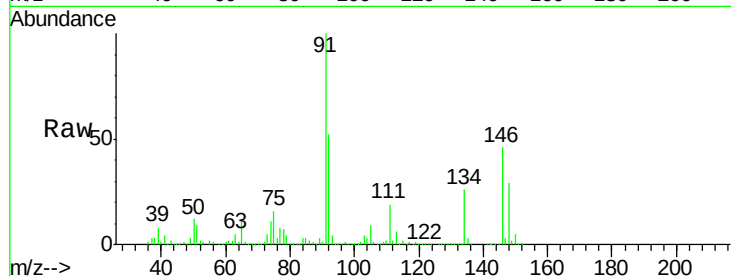
Tot Ion: 91 Resp: 655130

Ion Ratio Lower Upper

91 100

92 51.9 26.0 78.0

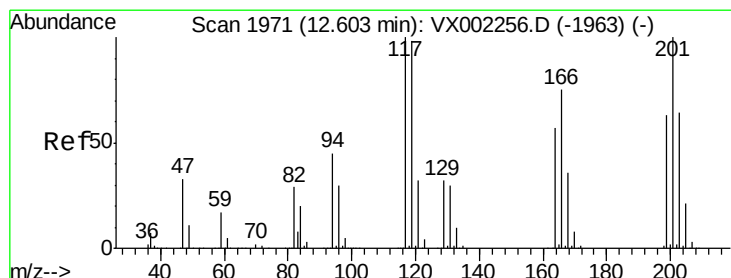
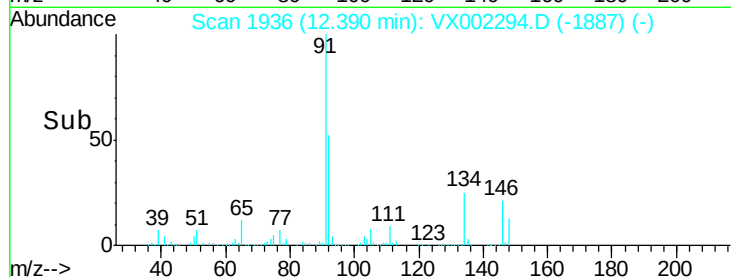
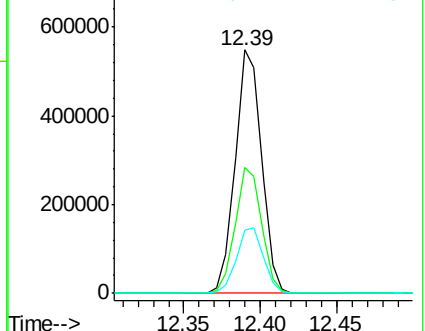
134 27.4 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 49.95 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002294.D

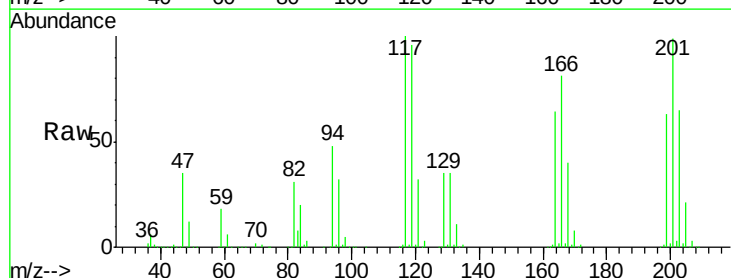
Acq: 05 Jun 2018 07:11

Tgt Ion: 117 Resp: 117878

Ion Ratio Lower Upper

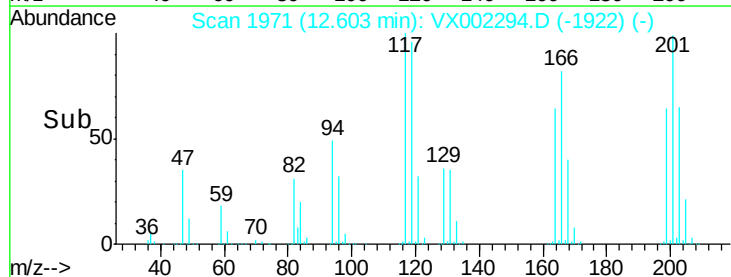
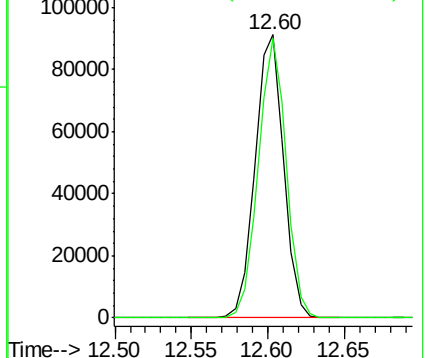
117 100

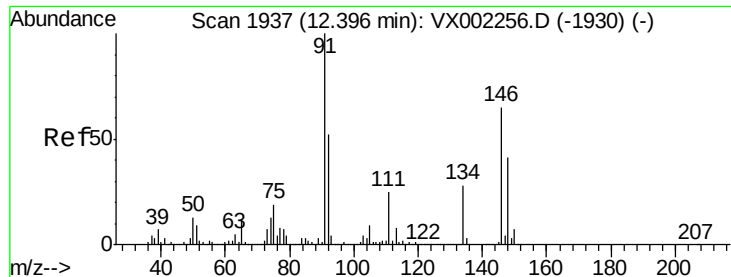
201 97.0 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

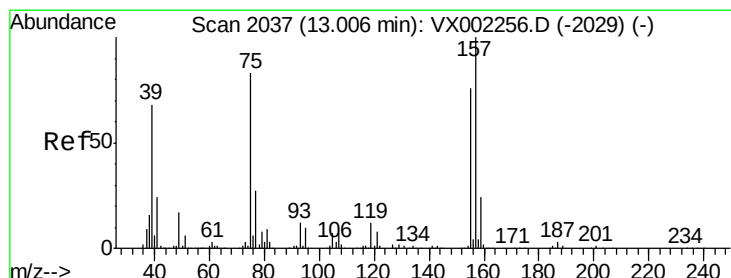
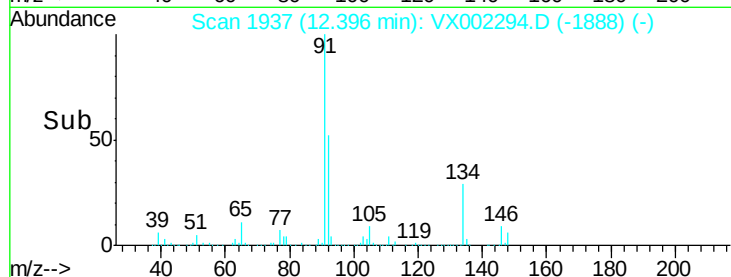
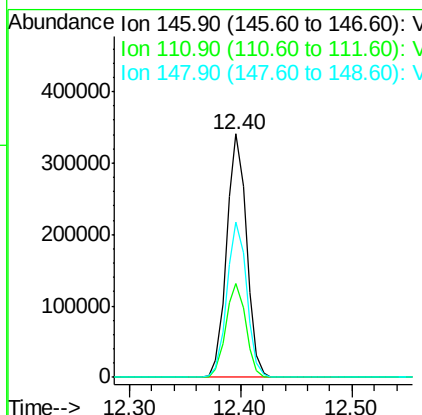
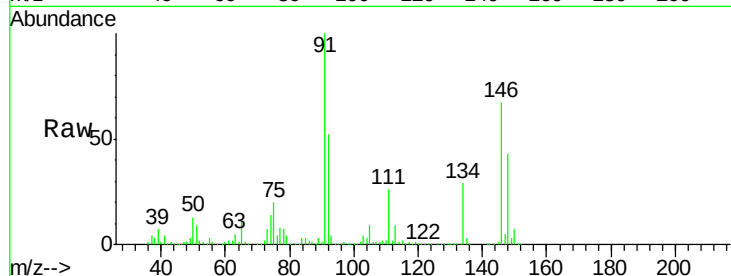




#91
 1,2-Dichlorobenzene
 Concen: 48.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

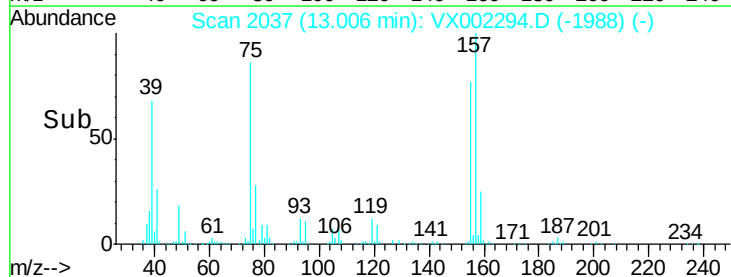
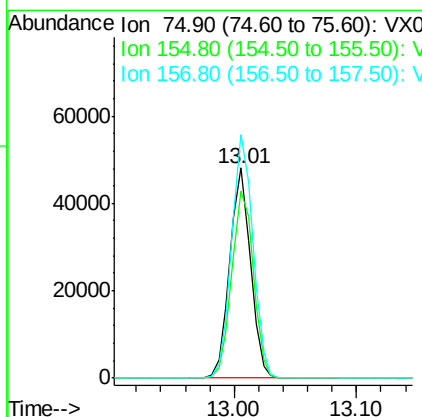
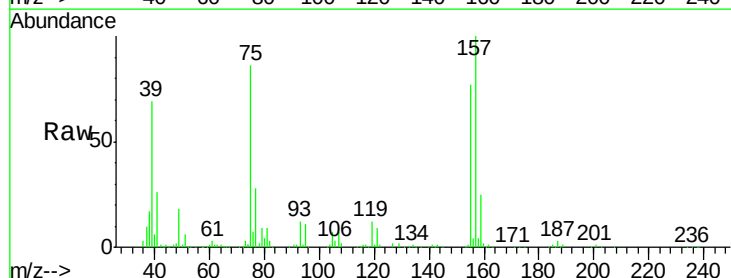
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

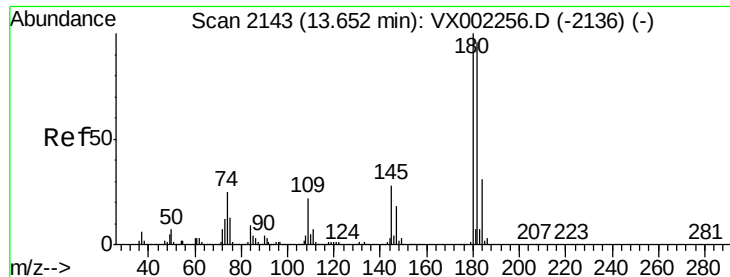
Tot Ion:146 Resp: 420043
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 63.5 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.10 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion: 75 Resp: 55974
 Ion Ratio Lower Upper
 75 100
 155 93.0 45.8 137.4
 157 118.9 60.1 180.3

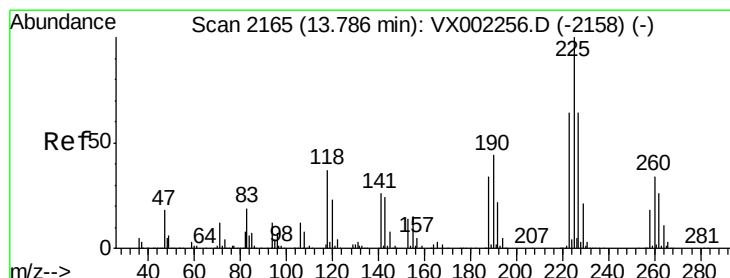
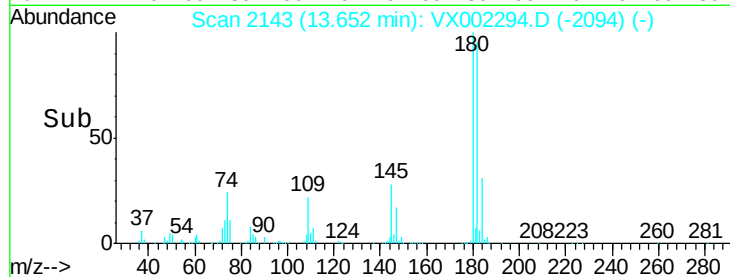
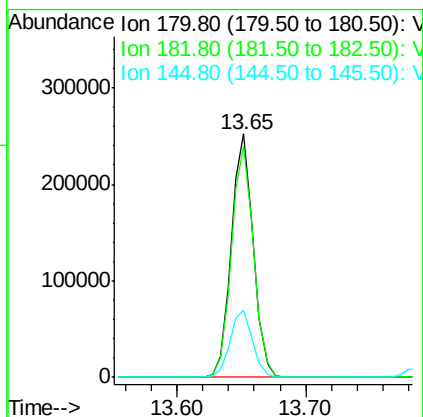
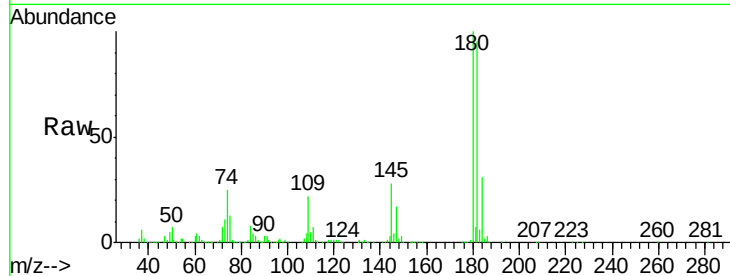




#93
 1,2,4-Trichlorobenzene
 Concen: 49.76 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

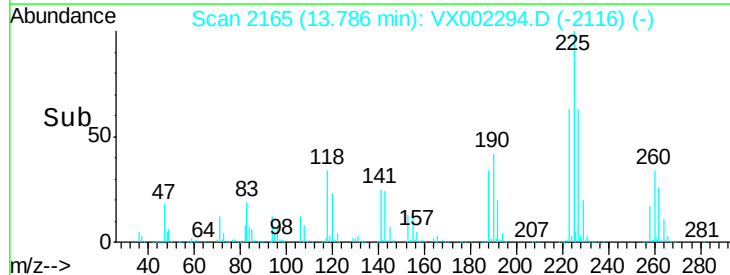
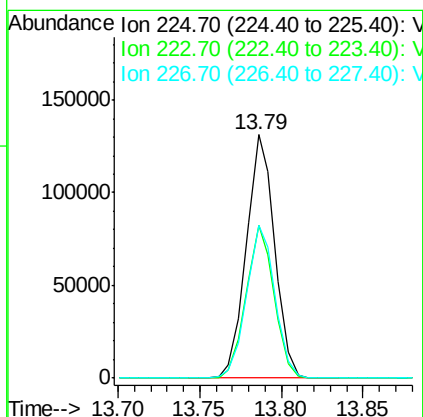
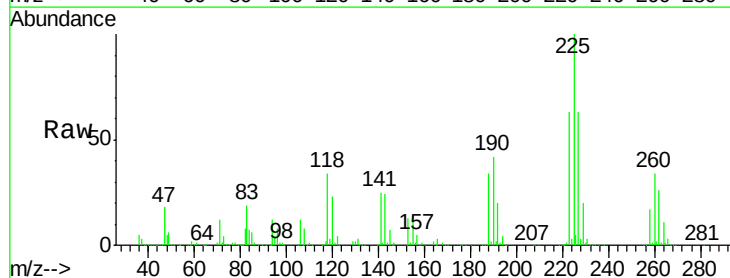
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

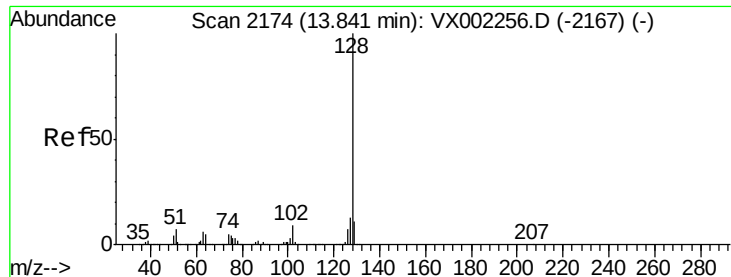
Tot Ion:180 Resp: 300340
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.7 143.1
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 53.23 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion:225 Resp: 158768
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.6 95.0
 227 62.9 32.4 97.2





#95

Naphthalene

Concen: 50.22 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

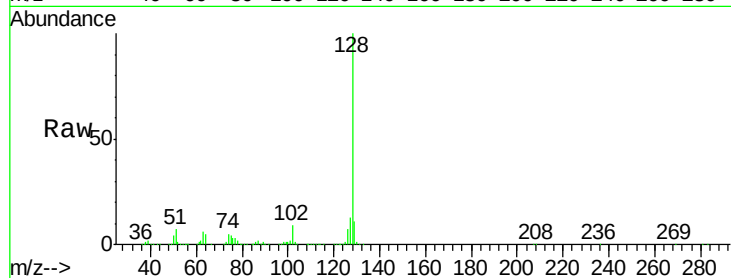
Tot Ion:128 Resp: 870867

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

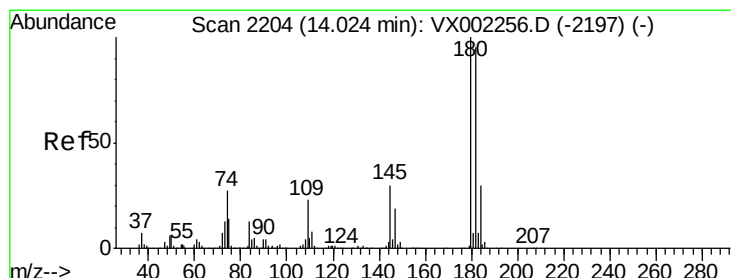
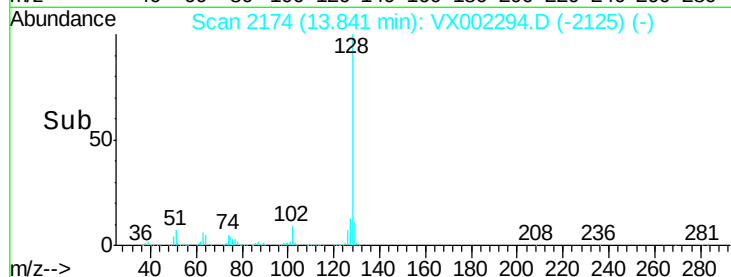
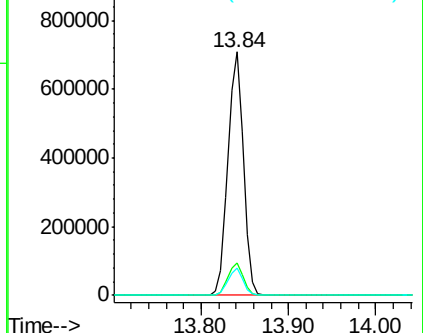
129 10.9 8.6 13.0



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: 51.01 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

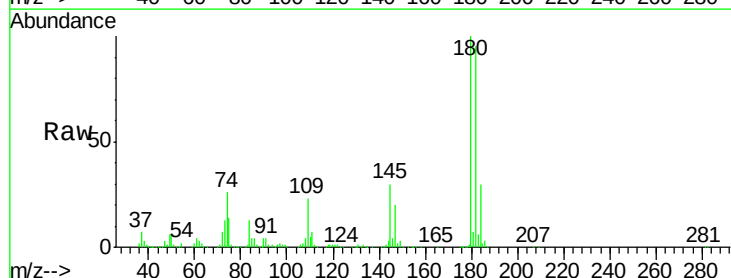
Tgt Ion:180 Resp: 313992

Ion Ratio Lower Upper

180 100

182 95.1 48.0 144.0

145 29.3 14.8 44.3



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

