

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002296.D
 Acq On : 05 Jun 2018 10:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 06 04:27:26 2018
 Quant Method : Z:\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	296607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	413084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	265984	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	195649	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	
35) Dibromofluoromethane	5.51	113	151890	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	
50) Toluene-d8	8.72	98	608315	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.14	95	238416	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	162040	52.55	ug/l	99
3) Chloromethane	1.32	50	185412	52.63	ug/l	98
4) Vinyl Chloride	1.41	62	195948	50.42	ug/l	99
5) Bromomethane	1.64	94	121817	55.78	ug/l	99
6) Chloroethane	1.72	64	121573	48.36	ug/l	100
7) Trichlorofluoromethane	1.93	101	318122	53.73	ug/l	99
8) Diethyl Ether	2.19	74	110114	52.45	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	185144	57.95	ug/l	99
10) Methyl Iodide	2.51	142	226240	50.34	ug/l	99
11) Tert butyl alcohol	3.06	59	198228	226.15	ug/l	98
12) 1,1-Dichloroethene	2.38	96	158737	50.27	ug/l	96
13) Acrolein	2.29	56	105953	251.65	ug/l	100
14) Allyl chloride	2.73	41	320288	46.74	ug/l	99
15) Acrylonitrile	3.15	53	448299	248.27	ug/l	100
16) Acetone	2.45	43	535039	296.90	ug/l	99
17) Carbon Disulfide	2.57	76	396538	47.65	ug/l	98
18) Methyl Acetate	2.78	43	215030	50.64	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	568103	51.75	ug/l	99
20) Methylene Chloride	2.86	84	176000	52.62	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	169327	48.63	ug/l	99
22) Diisopropyl ether	3.87	45	617913	54.10	ug/l	98
23) Vinyl Acetate	3.82	43	2678639	241.13	ug/l	100
24) 1,1-Dichloroethane	3.70	63	326590	48.22	ug/l	99
25) 2-Butanone	4.70	43	640677	220.30	ug/l	100
26) 2,2-Dichloropropane	4.59	77	248274	46.90	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	169580	44.78	ug/l	95
28) Bromochloromethane	5.02	49	158012	55.23	ug/l	99
29) Tetrahydrofuran	5.16	42	387396	206.61	ug/l	100
30) Chloroform	5.21	83	302013	46.21	ug/l	98
31) Cyclohexane	5.57	56	280594	52.39	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	270982	48.89	ug/l	100
36) 1,1-Dichloropropene	5.80	75	232228	53.48	ug/l	99
37) Ethyl Acetate	4.85	43	239204	45.80	ug/l	99
38) Carbon Tetrachloride	5.78	117	240953	53.04	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	297735	55.47	ug/l	98
40) Benzene	6.15	78	666269	50.04	ug/l	99
41) Methacrylonitrile	5.06	41	135788	45.42	ug/l	99
42) 1,2-Dichloroethane	6.20	62	256406	48.47	ug/l	100
43) Isopropyl Acetate	6.46	43	409660	46.18	ug/l	100
44) Trichloroethene	7.21	130	196978	53.30	ug/l	95
45) 1,2-Dichloropropane	7.52	63	177705	49.44	ug/l	96
46) Dibromomethane	7.67	93	116888	47.97	ug/l	99
47) Bromodichloromethane	7.90	83	220744	50.09	ug/l	96
48) Methyl methacrylate	7.78	41	210356	47.21	ug/l	99
49) 1,4-Dioxane	7.76	88	77800	933.83	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1297730	234.92	ug/l	100
52) Toluene	8.79	92	445603	52.62	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	271482	51.37	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	255548	51.25	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	171908	49.35	ug/l	98
56) Ethyl methacrylate	9.18	69	268817	48.34	ug/l	99
57) 1,3-Dichloropropane	9.37	76	287664	49.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	696848	270.74	ug/l	100
59) 2-Hexanone	9.50	43	1039388	243.60	ug/l	99
60) Dibromochloromethane	9.59	129	182778	52.17	ug/l	100
61) 1,2-Dibromoethane	9.68	107	182877	50.35	ug/l	99
64) Tetrachloroethene	9.34	164	223484	54.22	ug/l	97
65) Chlorobenzene	10.14	112	508120	51.09	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	184118	51.13	ug/l	99
67) Ethyl Benzene	10.26	91	890551	53.51	ug/l	100
68) m/p-Xylenes	10.36	106	699829	108.17	ug/l	98
69) o-Xylene	10.70	106	336525	52.27	ug/l	99
70) Styrene	10.71	104	569302	54.09	ug/l	100
71) Bromoform	10.86	173	141458	44.29	ug/l	100
73) Isopropylbenzene	11.02	105	941498	50.88	ug/l	100
74) N-amyl acetate	6.46	43	409660	41.09	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	248572	42.71	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	303061	51.93	ug/l	80
77) Bromobenzene	11.26	156	246650	47.48	ug/l	98
78) n-propylbenzene	11.37	91	1091314	53.06	ug/l	100
79) 2-Chlorotoluene	11.43	91	626162	48.22	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	805011	50.72	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	75456	45.32	ug/l	98
82) 4-Chlorotoluene	11.51	91	754662	50.35	ug/l	100
83) tert-Butylbenzene	11.77	119	774573	50.12	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	829450	50.77	ug/l	98
85) sec-Butylbenzene	11.95	105	985225	54.38	ug/l	100
86) p-Isopropyltoluene	12.07	119	900637	54.57	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	464210	49.98	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	472994	49.41	ug/l	100
89) n-Butylbenzene	12.39	91	808589	58.42	ug/l	100
90) Hexachloroethane	12.60	117	131824	50.04	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	463007	48.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56858	44.68	ug/l	98

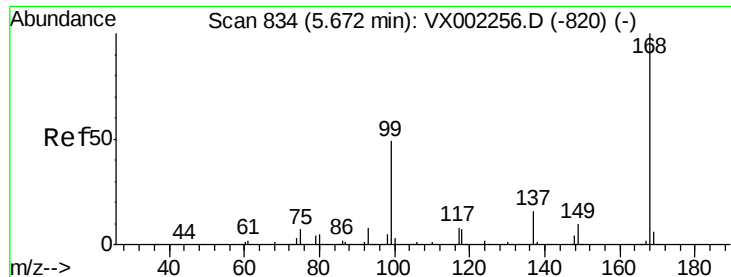
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	354070	52.55	ug/l	99
94) Hexachlorobutadiene	13.79	225	193978	58.26	ug/l	100
95) Naphthalene	13.84	128	939853	48.55	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	353730	51.47	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

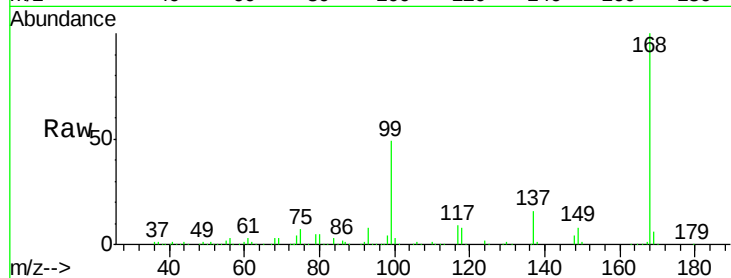
VSTDCCC050

Tot Ion:168 Resp: 296607

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

120000

100000

80000

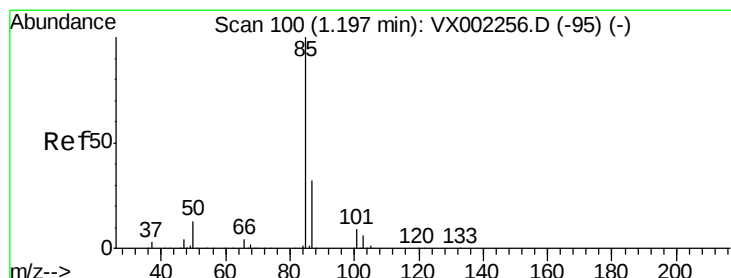
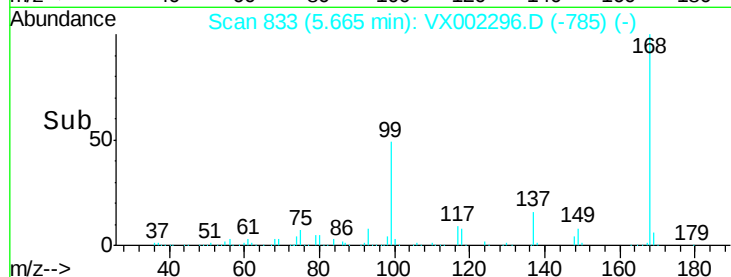
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.55 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002296.D

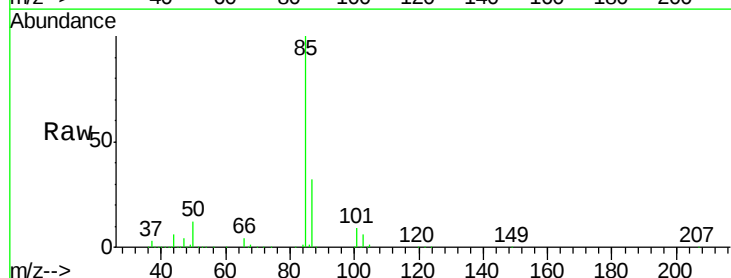
Acq: 05 Jun 2018 10:23

Tgt Ion: 85 Resp: 162040

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

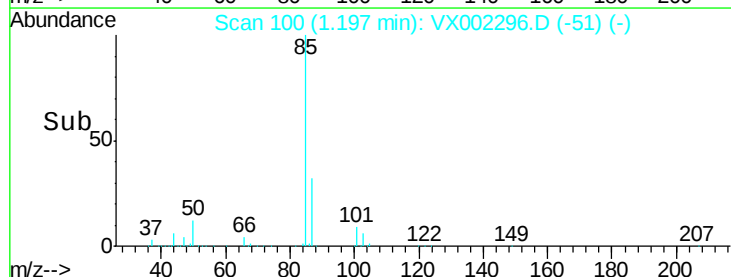
150000

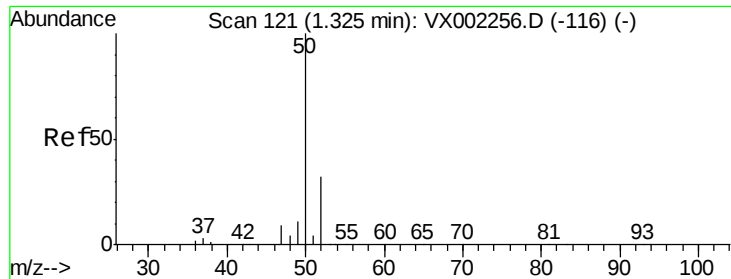
100000

50000

0

Time--> 1.10 1.15 1.20 1.25 1.30

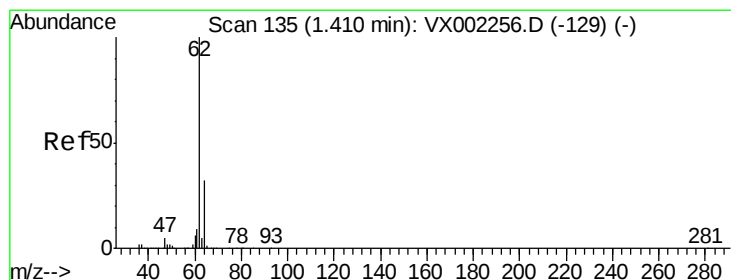
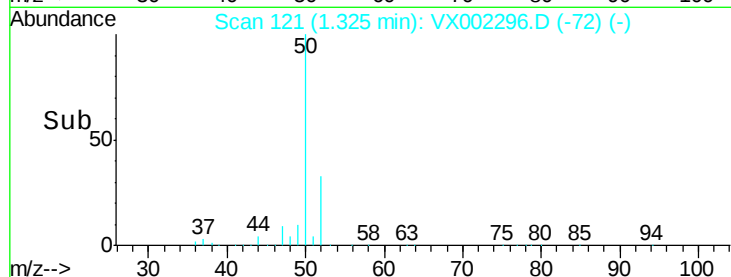
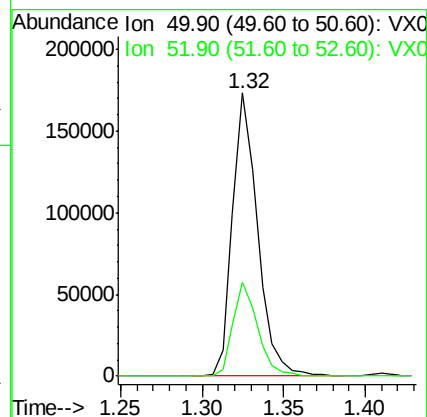
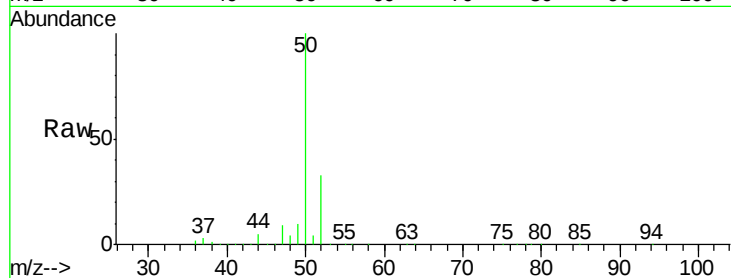




#3
Chloromethane
Concen: 52.63 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

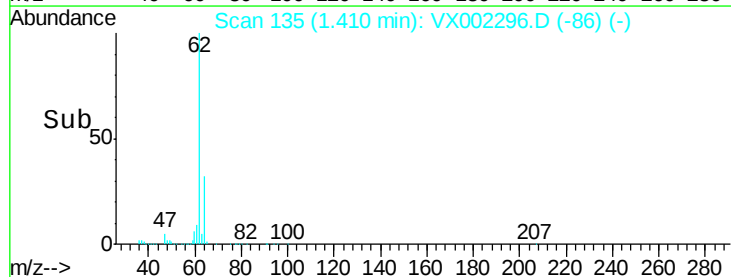
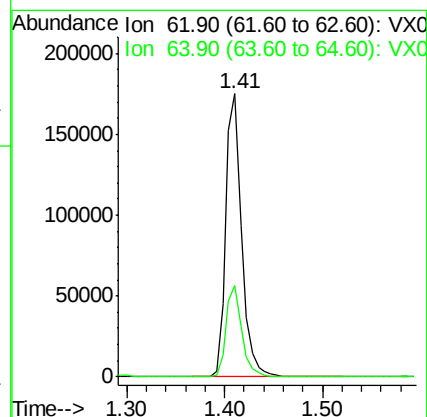
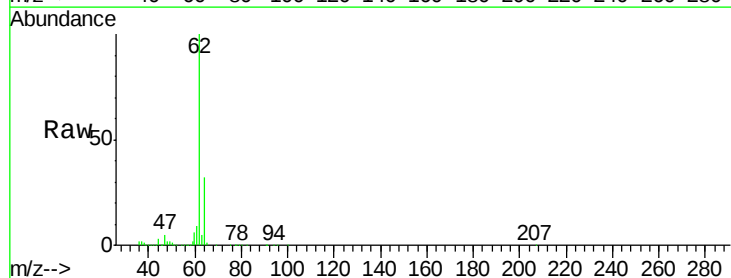
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 50 Resp: 185412
Ion Ratio Lower Upper
50 100
52 33.2 25.7 38.5



#4
Vinyl Chloride
Concen: 50.42 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 62 Resp: 195948
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2





#5

Bromomethane

Concen: 55.78 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

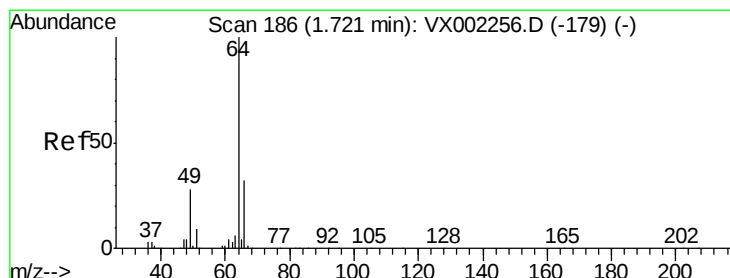
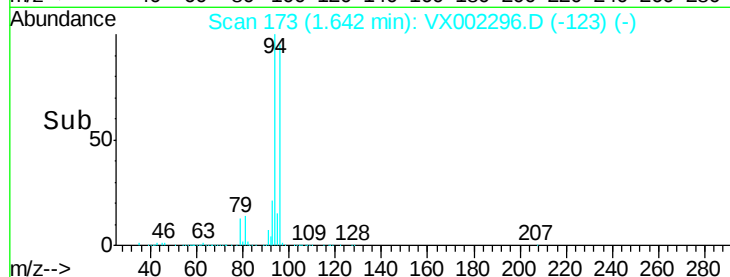
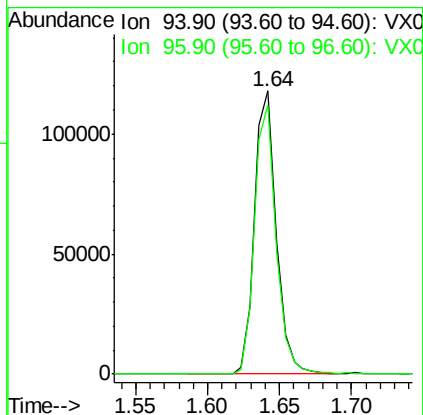
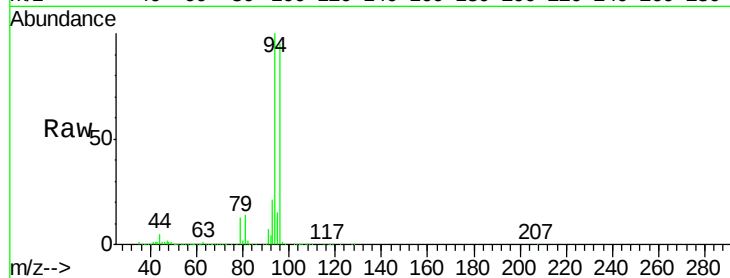
VSTDCCC050

Tot Ion: 94 Resp: 121817

Ion Ratio Lower Upper

94 100

96 95.0 74.9 112.3



#6

Chloroethane

Concen: 48.36 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002296.D

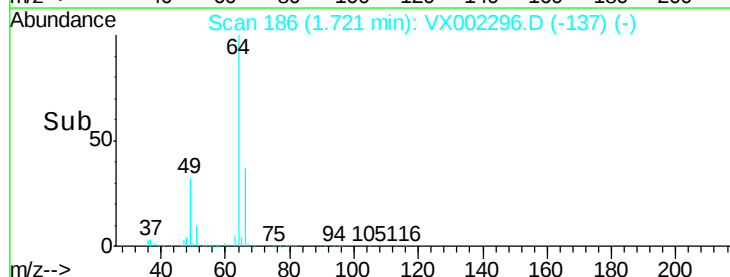
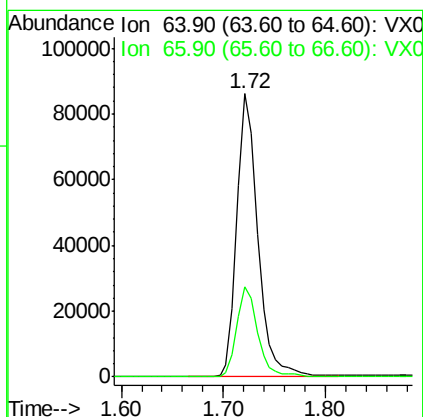
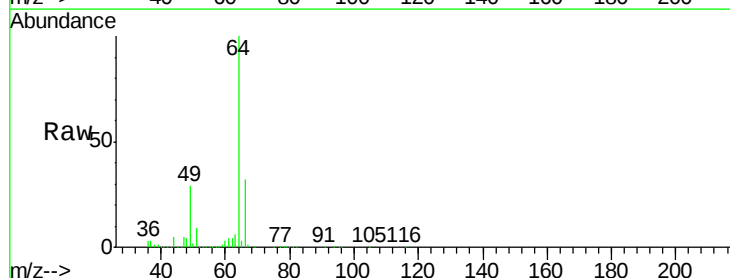
Acq: 05 Jun 2018 10:23

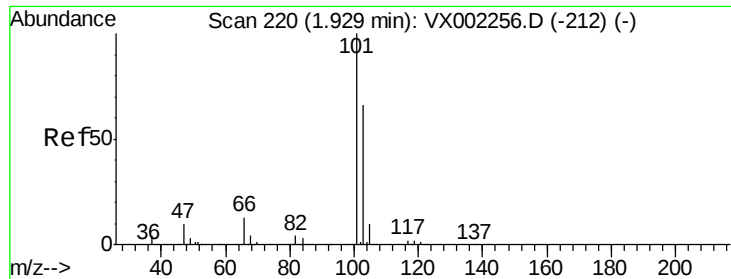
Tgt Ion: 64 Resp: 121573

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3



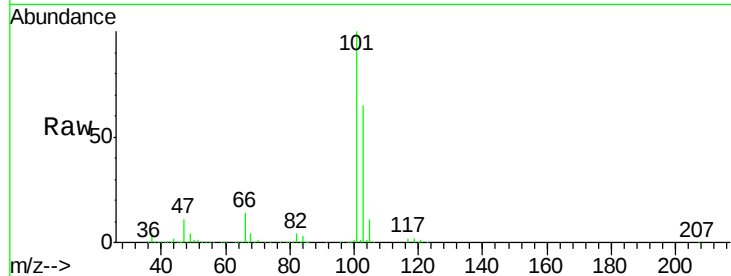


#7

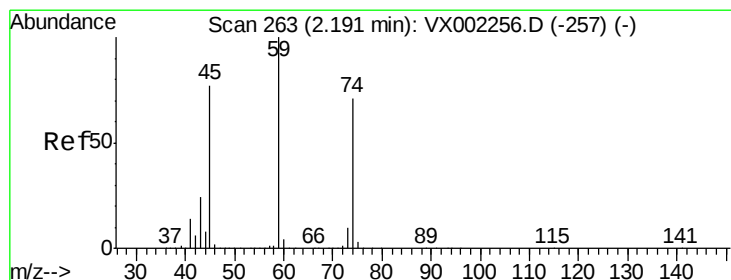
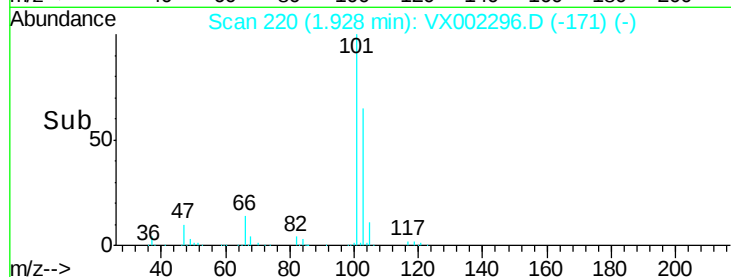
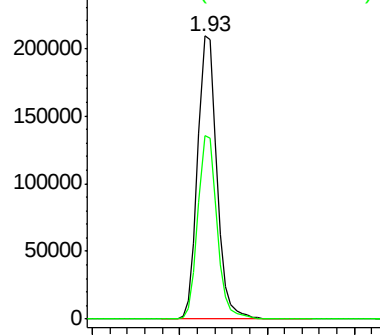
Trichlorofluoromethane
 Concen: 53.73 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 318122
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.8 79.2



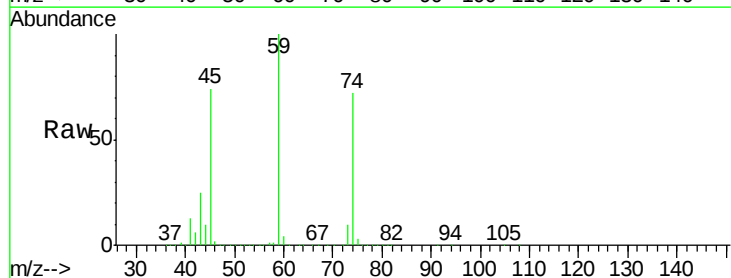
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



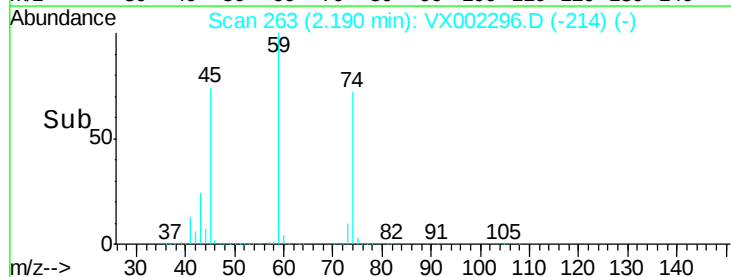
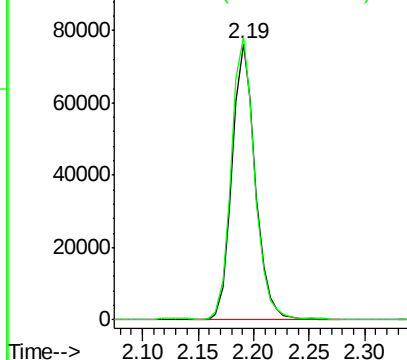
#8

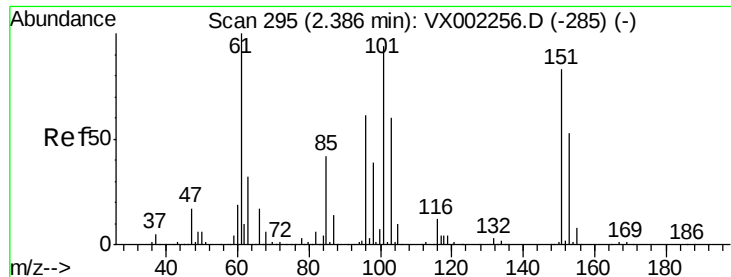
Diethyl Ether
 Concen: 52.45 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion: 74 Resp: 110114
 Ion Ratio Lower Upper
 74 100
 45 103.1 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: 57.95 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

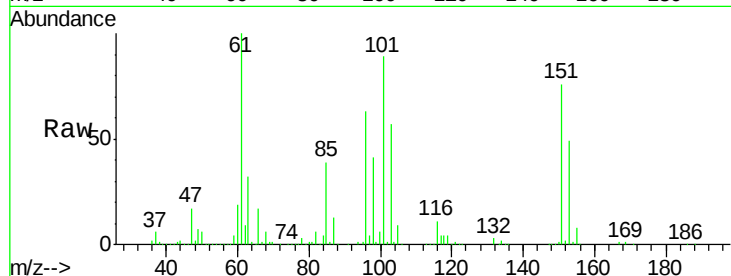
Tot Ion:101 Resp: 185144

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

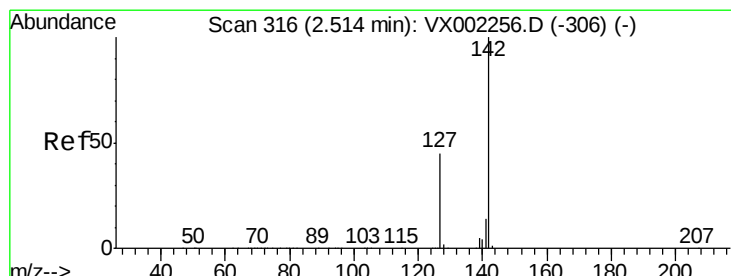
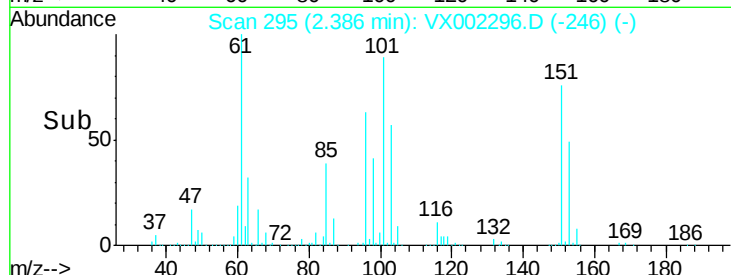
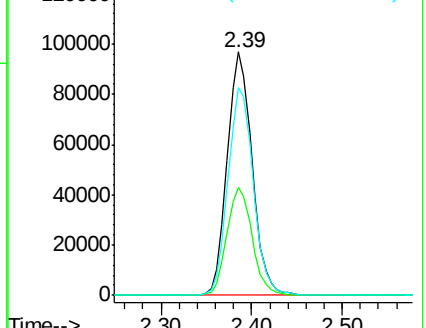
151 86.9 70.9 106.3



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: 50.34 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

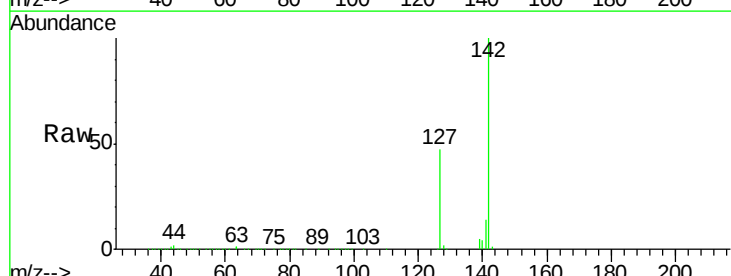
Tgt Ion:142 Resp: 226240

Ion Ratio Lower Upper

142 100

127 46.2 36.6 55.0

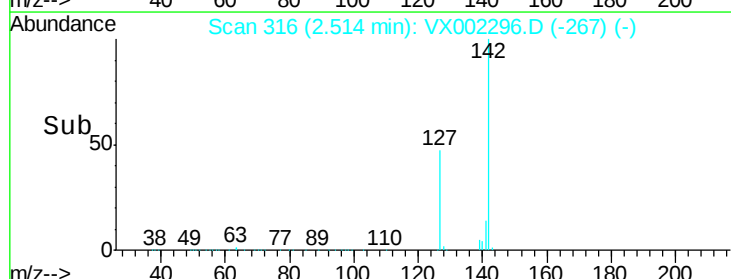
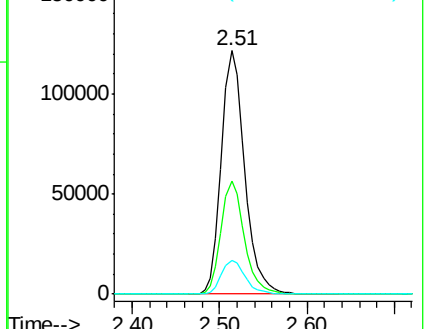
141 14.2 11.3 16.9

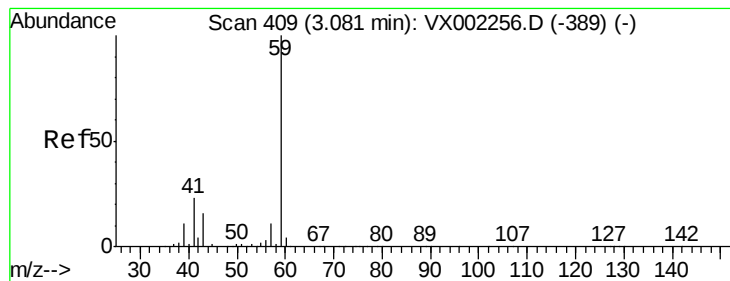


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



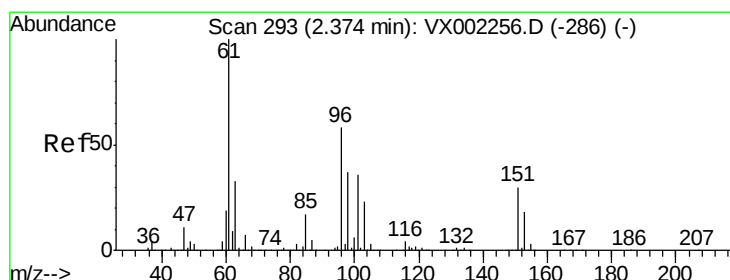
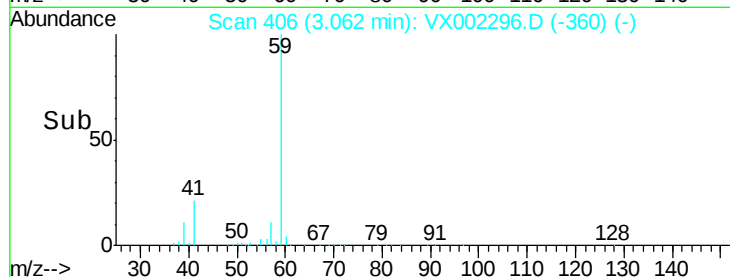
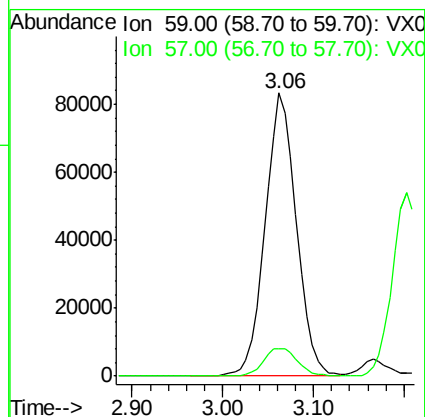
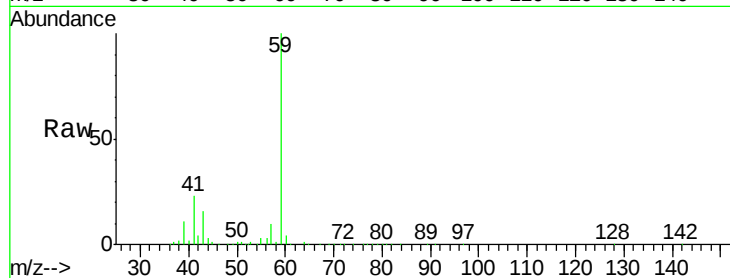


#11

Tert butyl alcohol
 Concen: 226.15 ug/l
 RT: 3.06 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

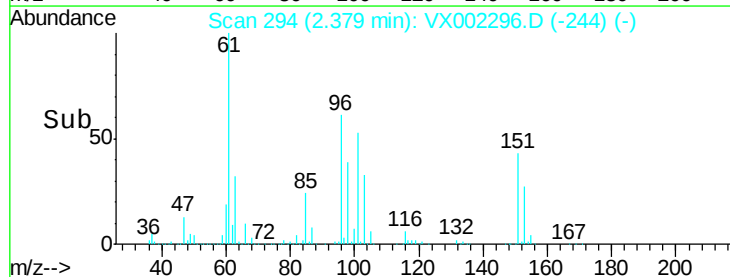
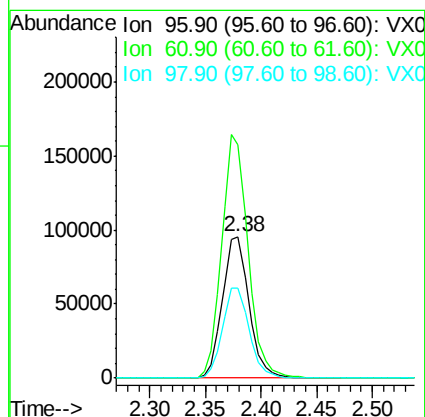
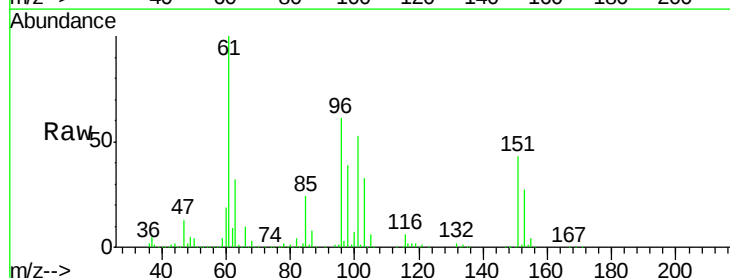
Tot Ion: 59 Resp: 198228
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.2

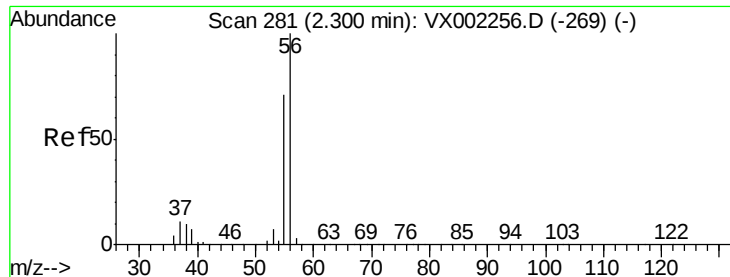


#12

1,1-Dichloroethene
 Concen: 50.27 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion: 96 Resp: 158737
 Ion Ratio Lower Upper
 96 100
 61 165.0 137.9 206.9
 98 64.0 51.6 77.4





#13

Acrolein

Concen: 251.65 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

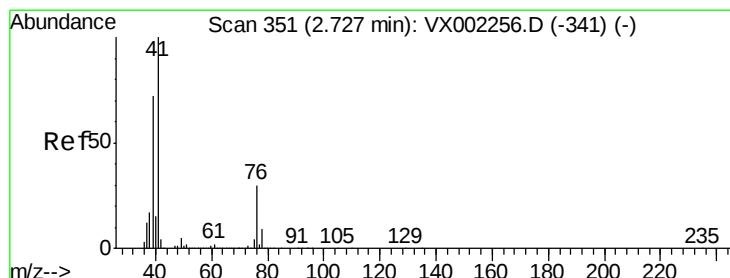
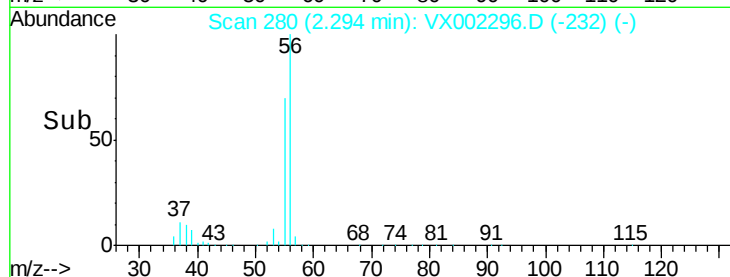
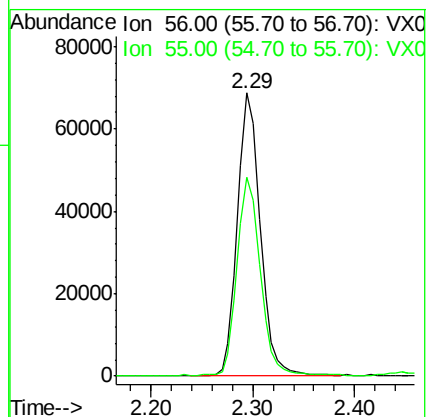
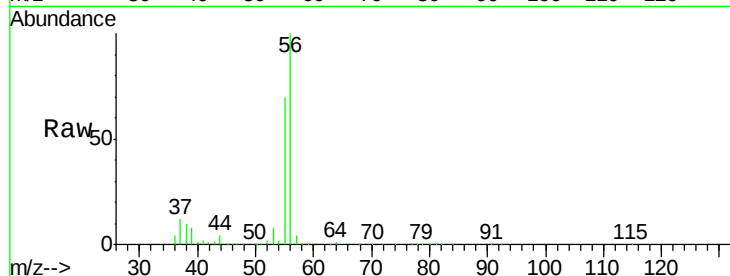
VSTDCCC050

Tot Ion: 56 Resp: 105953

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 46.74 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

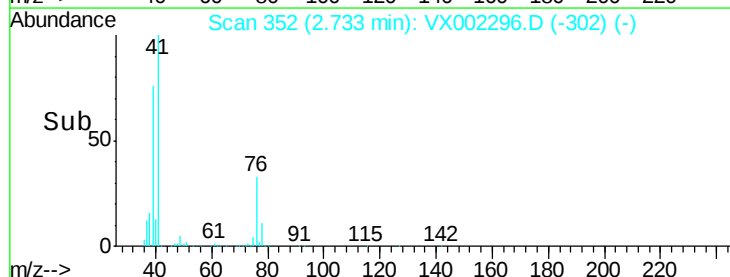
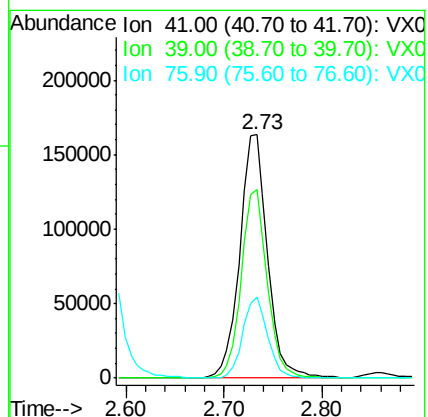
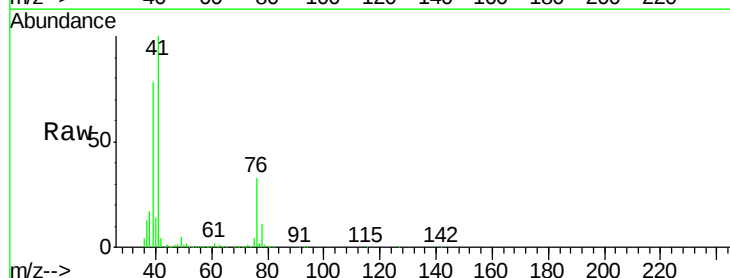
Tgt Ion: 41 Resp: 320288

Ion Ratio Lower Upper

41 100

39 72.5 56.8 85.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 248.27 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

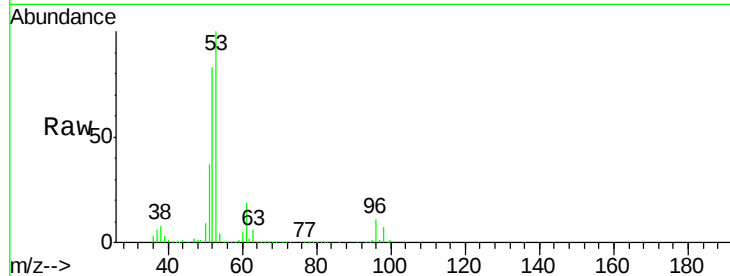
Tot Ion: 53 Resp: 448299

Ion Ratio Lower Upper

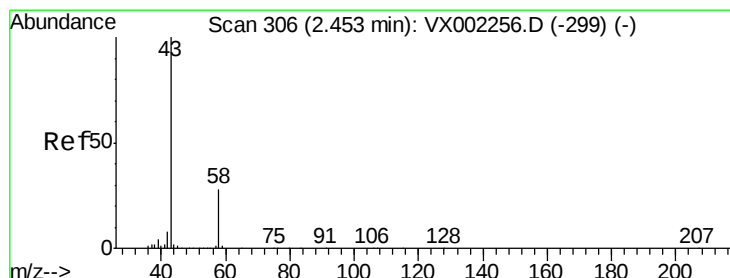
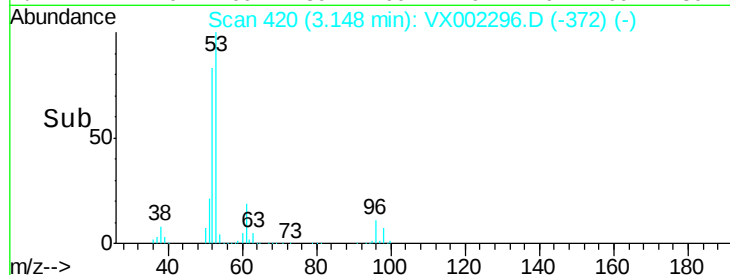
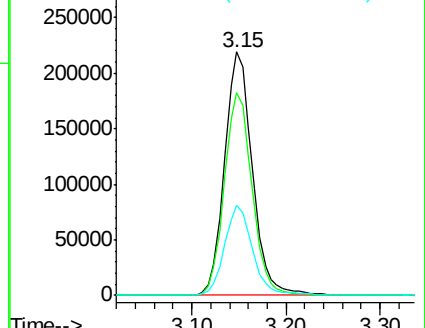
53 100

52 83.2 66.7 100.1

51 37.2 29.9 44.9



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



#16

Acetone

Concen: 296.90 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002296.D

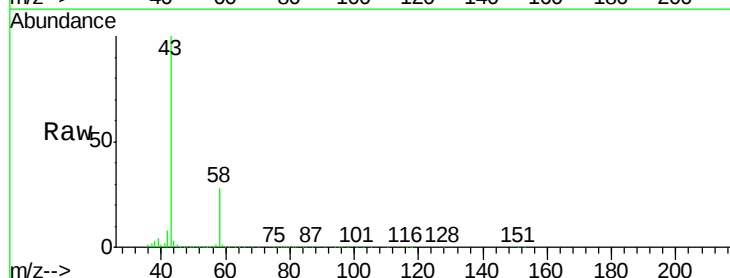
Acq: 05 Jun 2018 10:23

Tgt Ion: 43 Resp: 535039

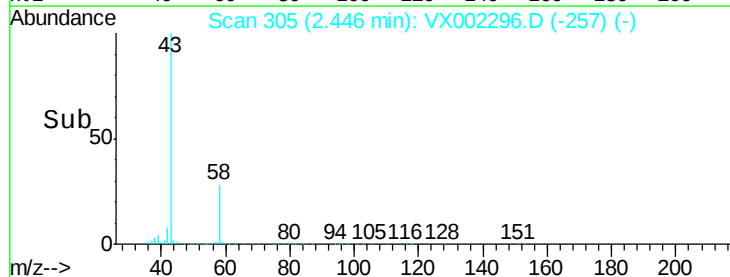
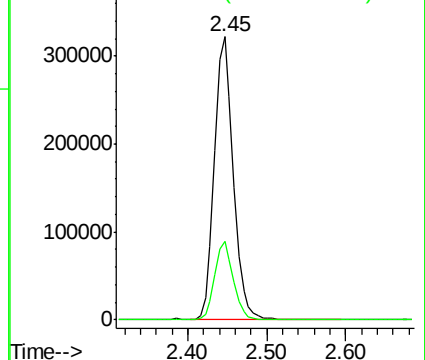
Ion Ratio Lower Upper

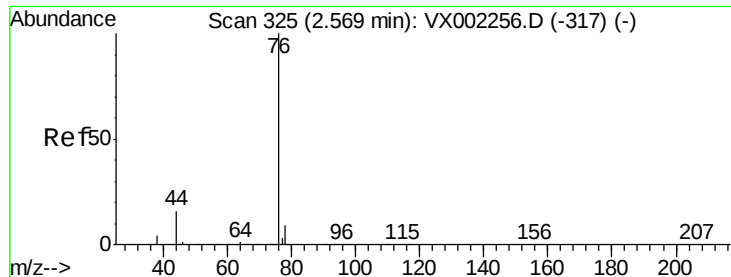
43 100

58 27.9 22.1 33.1



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

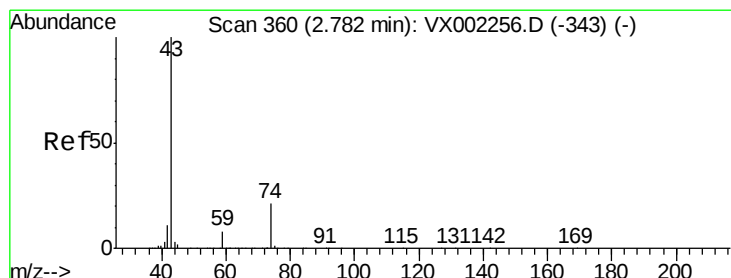
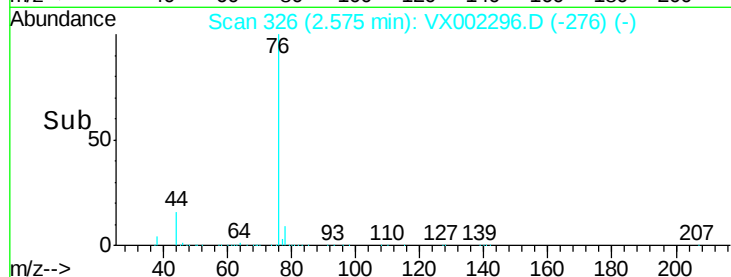
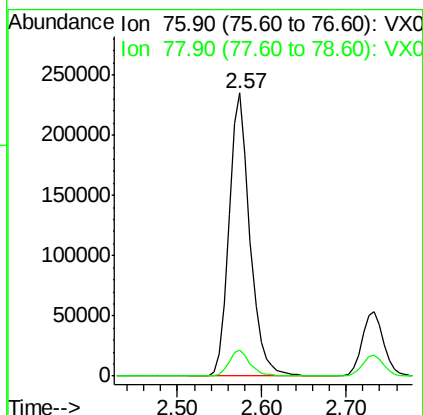
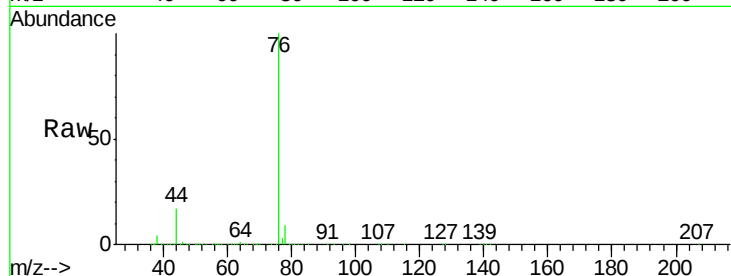




#17
Carbon Disulfide
Concen: 47.65 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

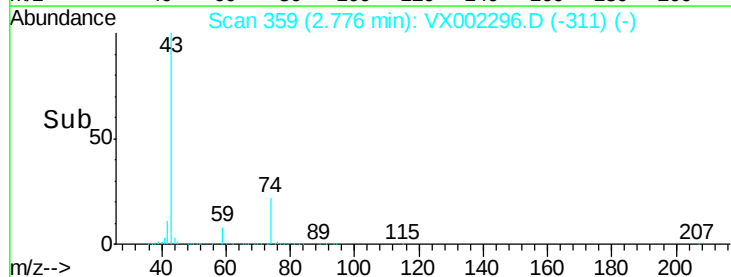
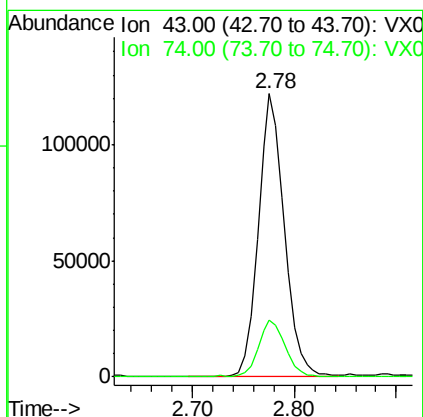
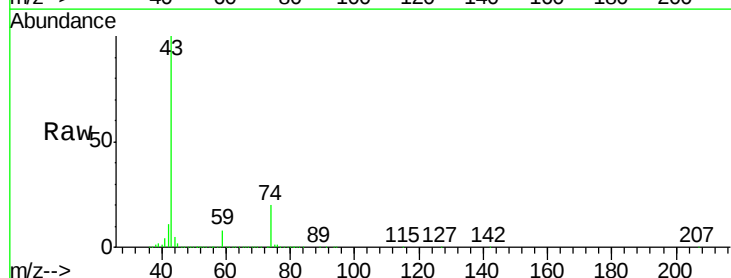
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

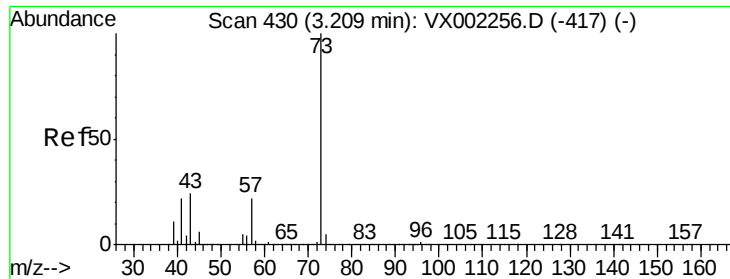
Tot Ion: 76 Resp: 396538
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 50.64 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 43 Resp: 215030
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1



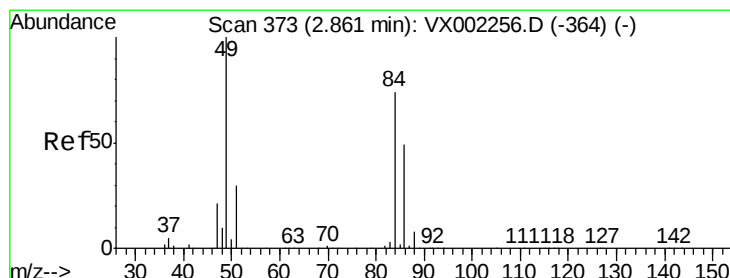
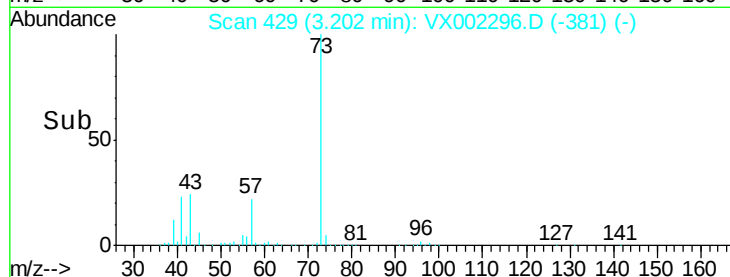
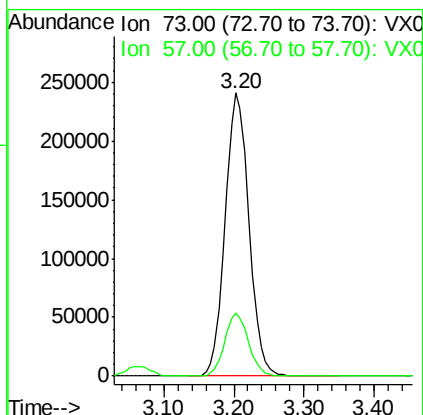
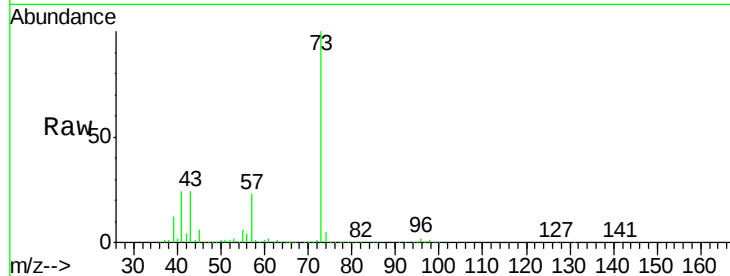


#19

Methyl tert-butyl Ether
 Concen: 51.75 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

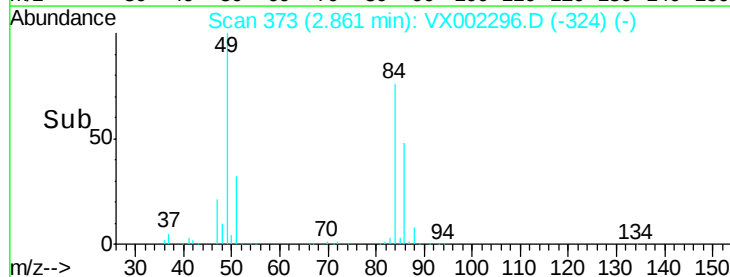
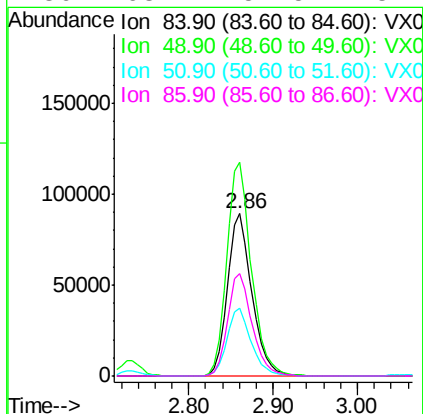
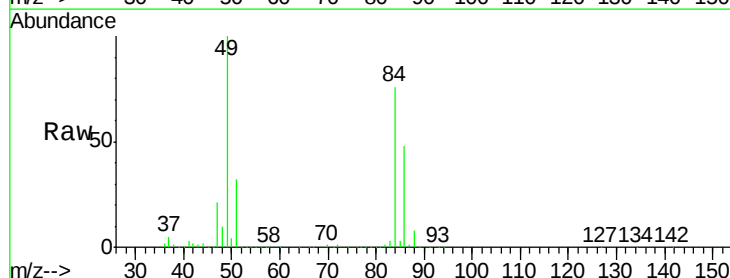
Tot Ion: 73 Resp: 568103
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.7 26.5

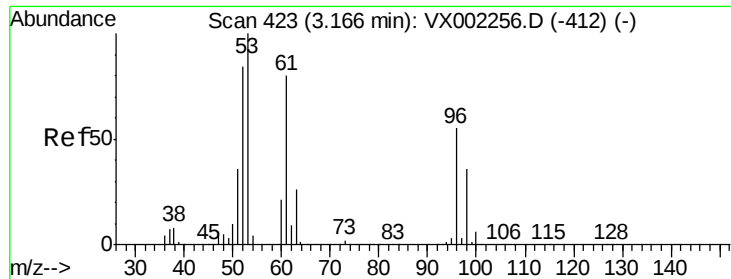


#20

Methylene Chloride
 Concen: 52.62 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion: 84 Resp: 176000
 Ion Ratio Lower Upper
 84 100
 49 131.6 107.8 161.6
 51 41.7 32.8 49.2
 86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.63 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

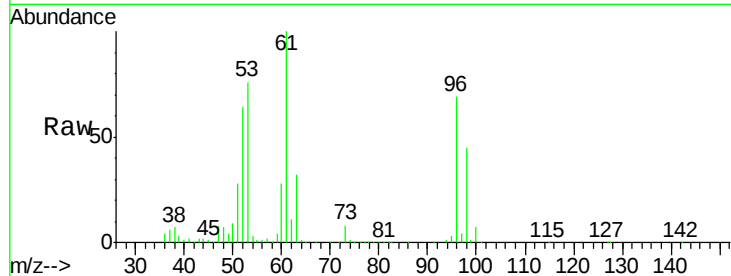
Tot Ion: 96 Resp: 169327

Ion Ratio Lower Upper

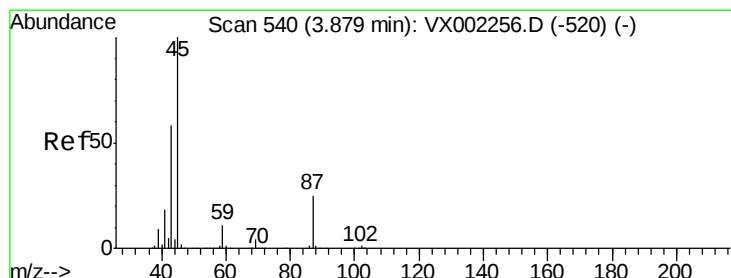
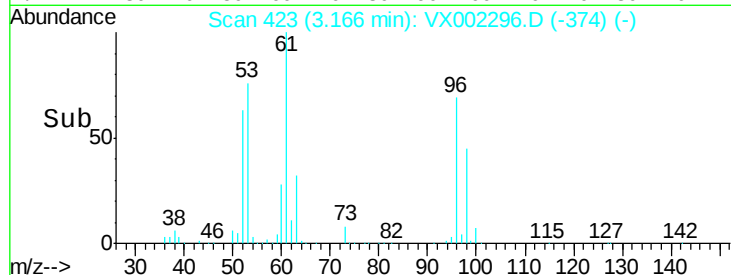
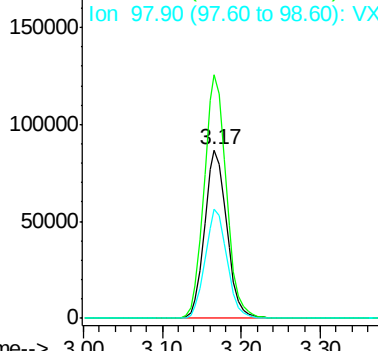
96 100

61 144.7 117.0 175.4

98 65.0 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: 54.10 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Tgt Ion: 45 Resp: 617913

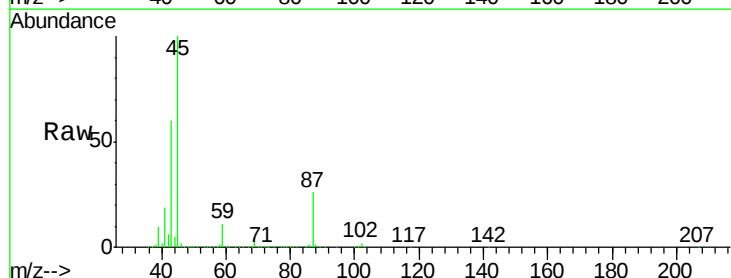
Ion Ratio Lower Upper

45 100

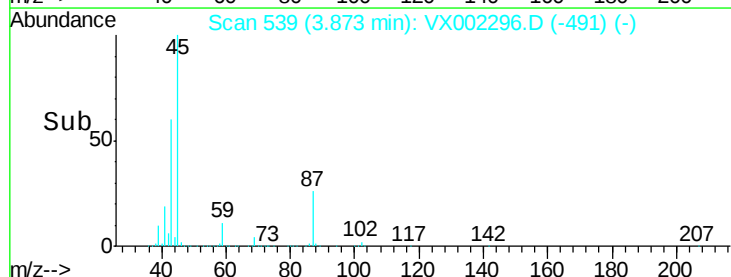
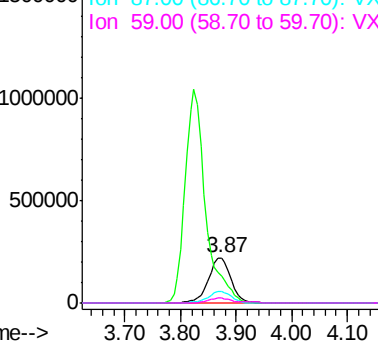
43 60.4 46.8 70.2

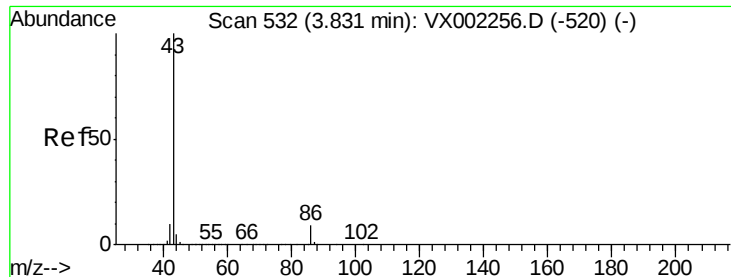
87 26.0 20.2 30.4

59 11.1 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: 241.13 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

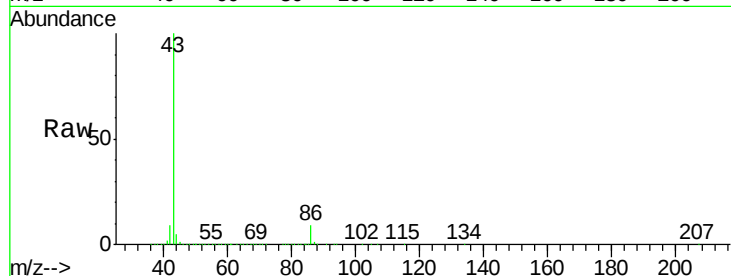
VSTDCCC050

Tot Ion: 43 Resp: 2678639

Ion Ratio Lower Upper

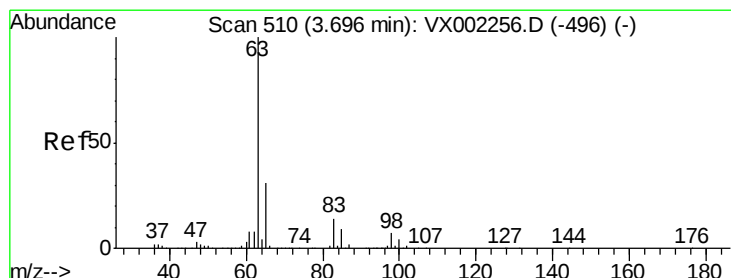
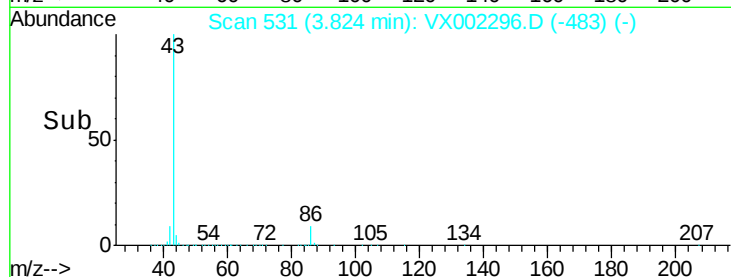
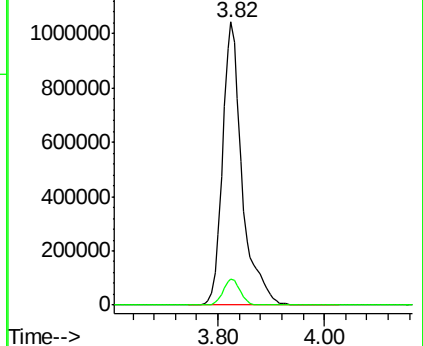
43 100

86 9.1 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.22 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

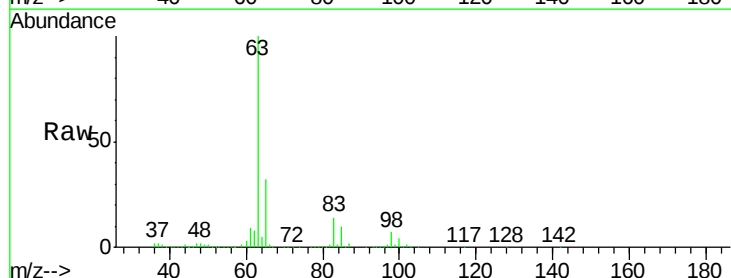
Tgt Ion: 63 Resp: 326590

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

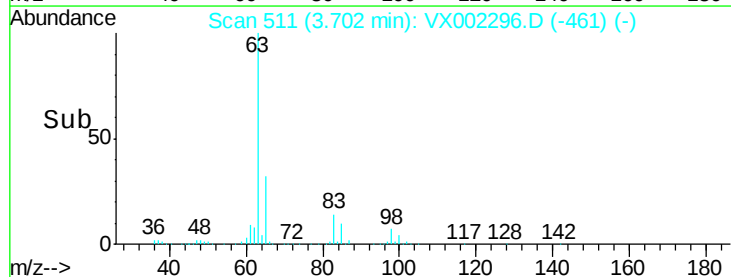
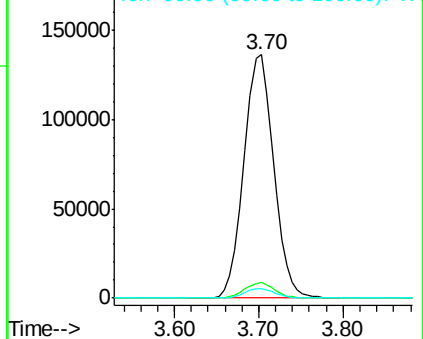
100 4.1 2.0 6.0

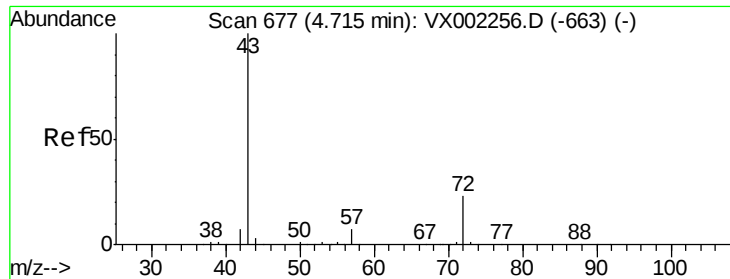


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 220.30 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

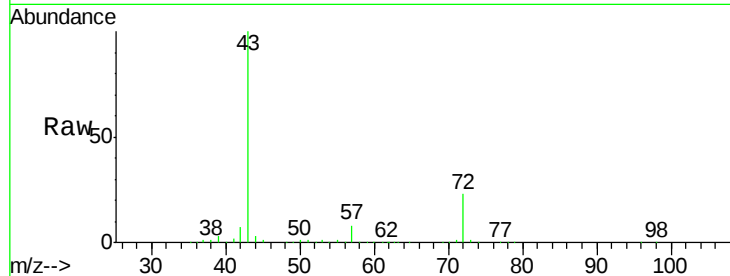
VSTDCCC050

Tot Ion: 43 Resp: 640677

Ion Ratio Lower Upper

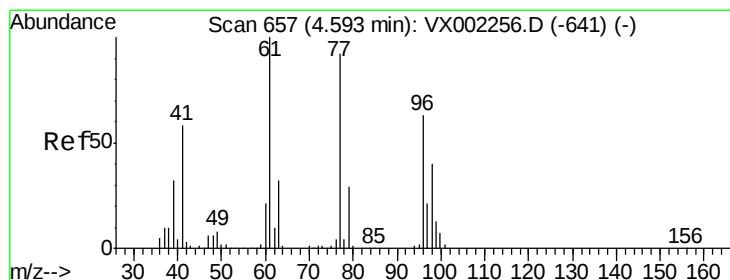
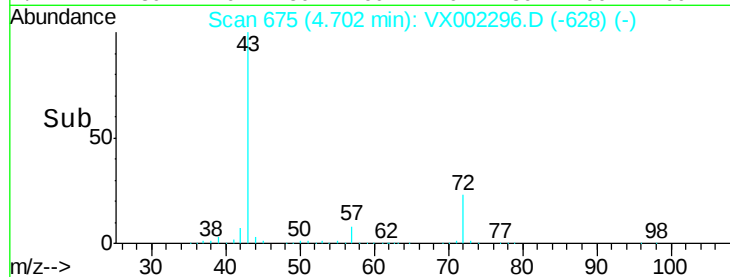
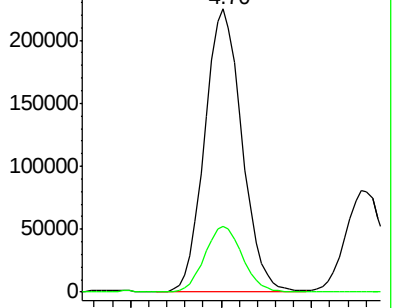
43 100

72 23.3 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: 46.90 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002296.D

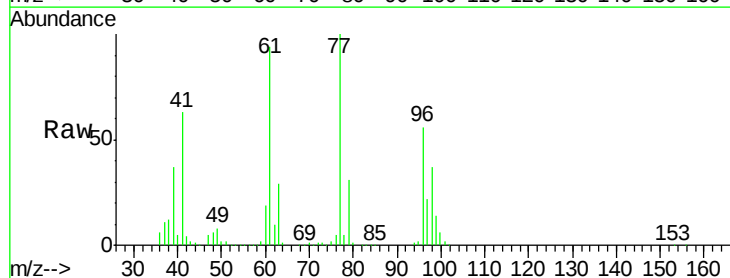
Acq: 05 Jun 2018 10:23

Tgt Ion: 77 Resp: 248274

Ion Ratio Lower Upper

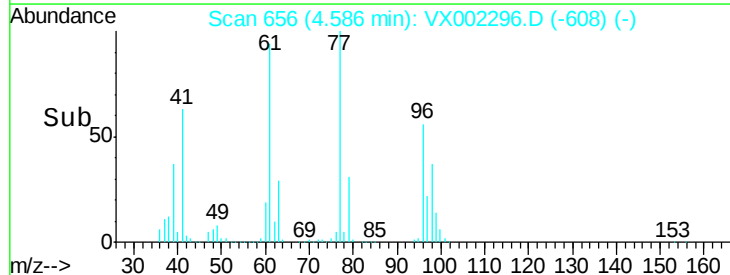
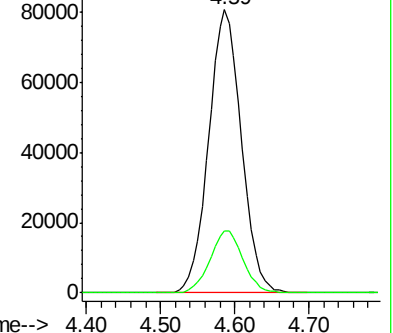
77 100

97 22.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 44.78 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

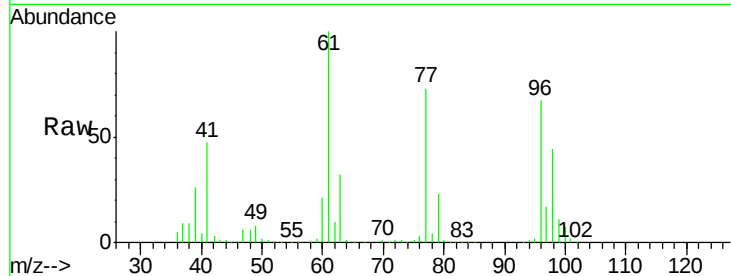
Tot Ion: 96 Resp: 169580

Ion Ratio Lower Upper

96 100

61 156.7 0.0 330.2

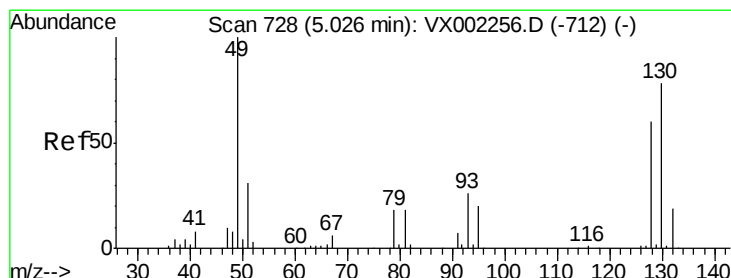
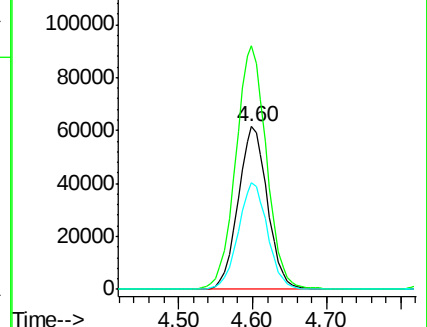
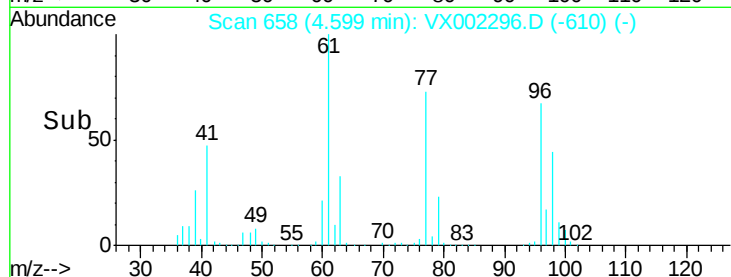
98 65.2 0.0 130.2



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: 55.23 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

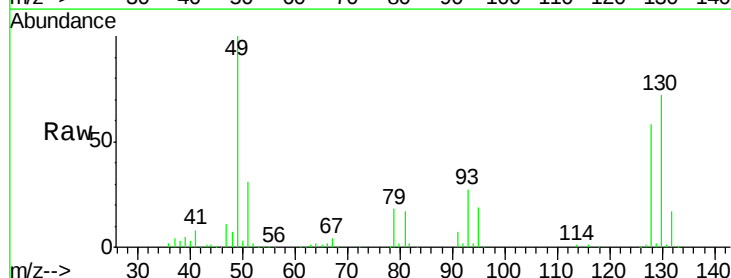
Tgt Ion: 49 Resp: 158012

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

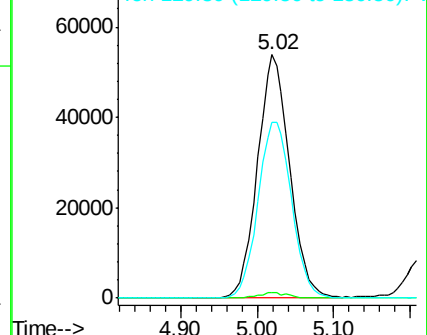
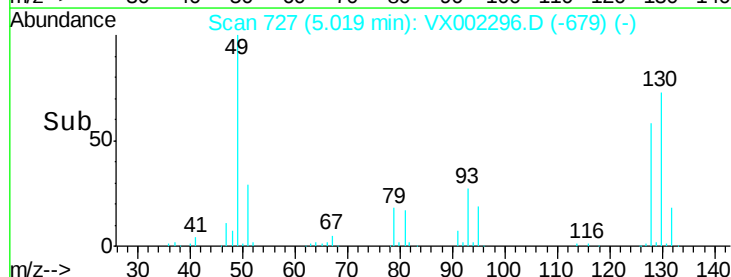
130 75.5 61.2 91.8

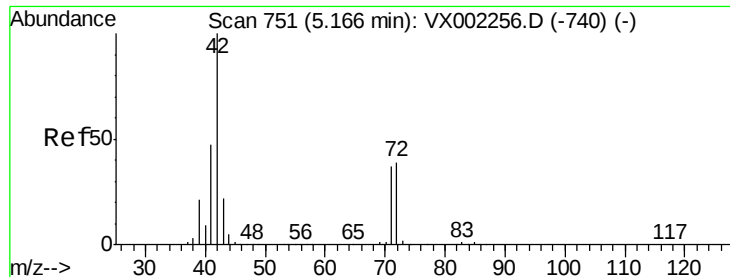


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 206.61 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

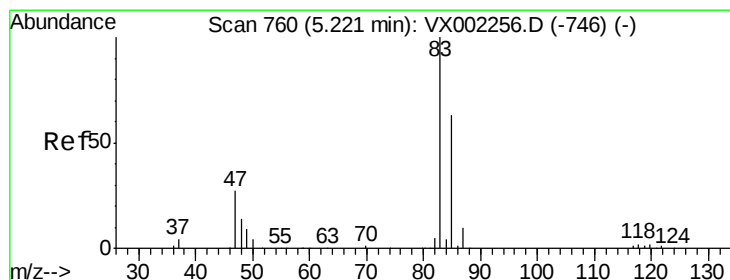
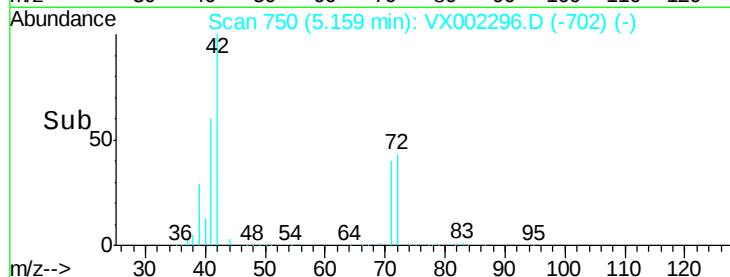
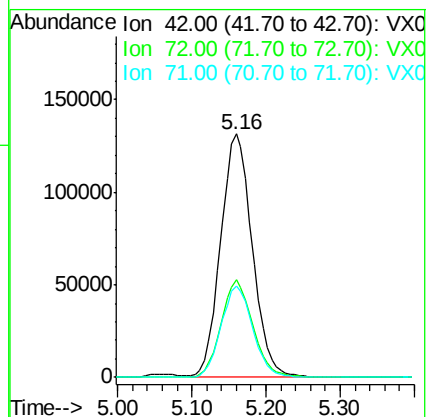
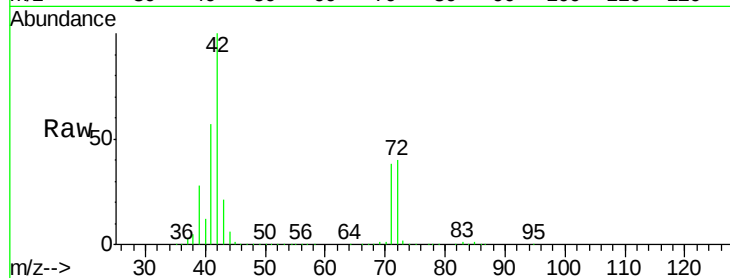
Tot Ion: 42 Resp: 387396

Ion Ratio Lower Upper

42 100

72 40.4 32.0 48.0

71 37.7 30.1 45.1



#30

Chloroform

Concen: 46.21 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX002296.D

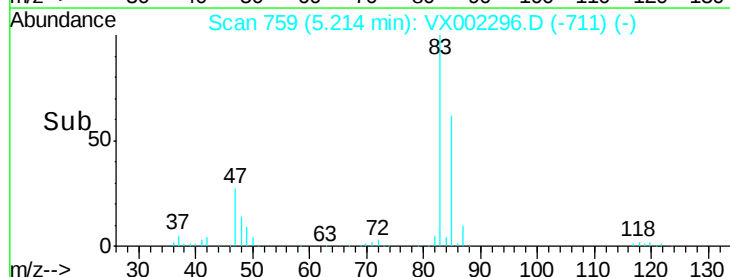
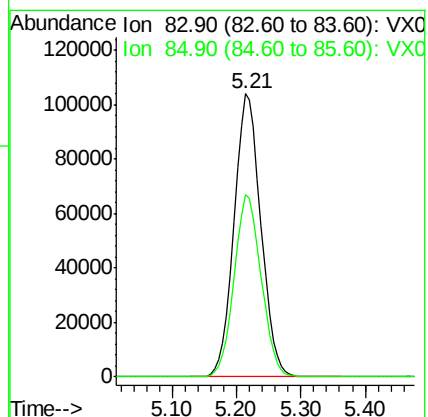
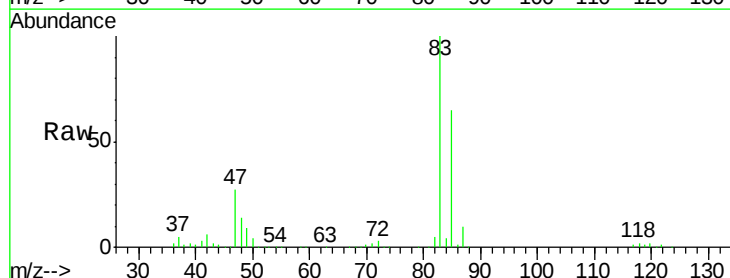
Acq: 05 Jun 2018 10:23

Tgt Ion: 83 Resp: 302013

Ion Ratio Lower Upper

83 100

85 64.6 50.4 75.6





#31

Cyclohexane

Concen: 52.39 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

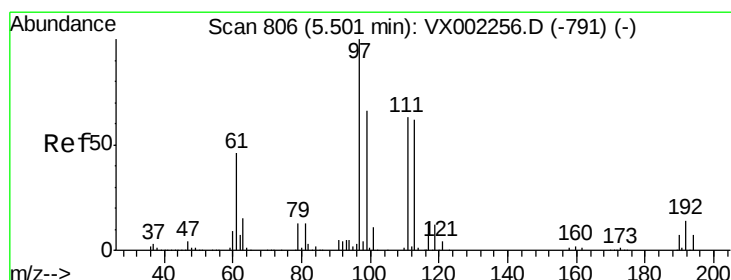
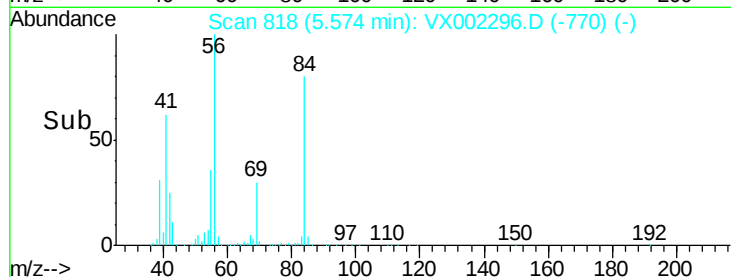
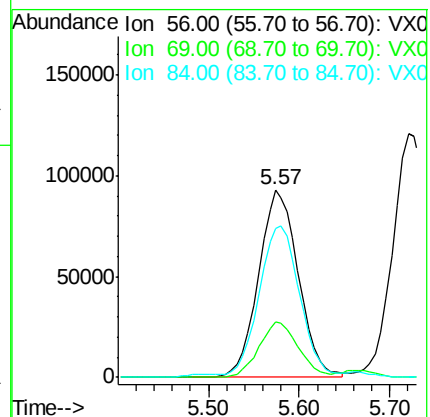
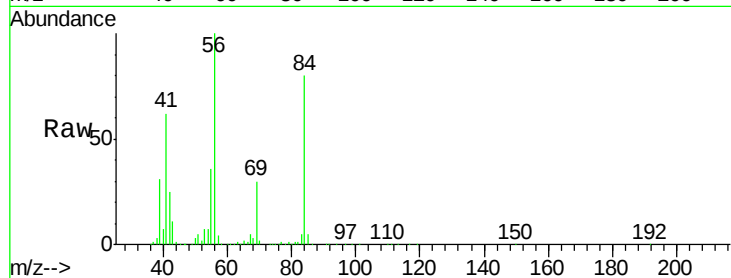
Tot Ion: 56 Resp: 280594

Ion Ratio Lower Upper

56 100

69 29.6 23.7 35.5

84 78.2 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 48.89 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

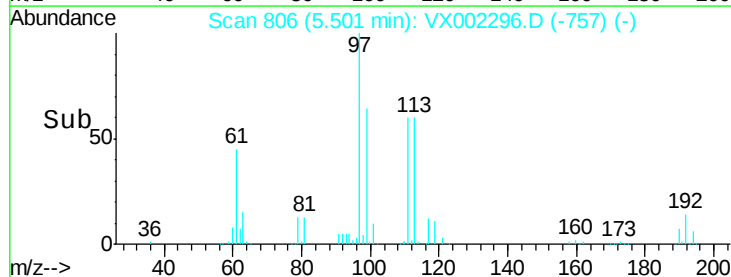
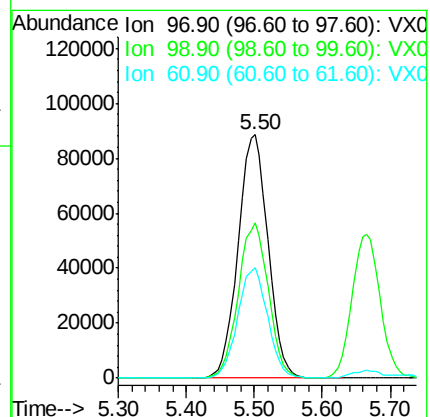
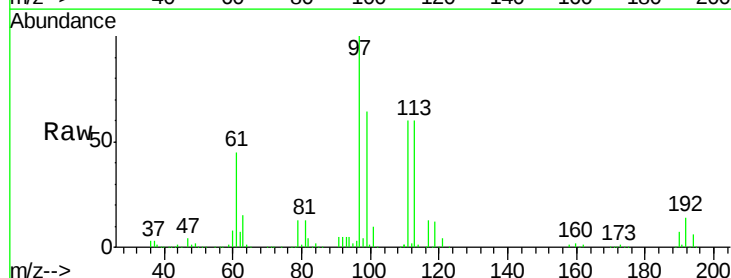
Tgt Ion: 97 Resp: 270982

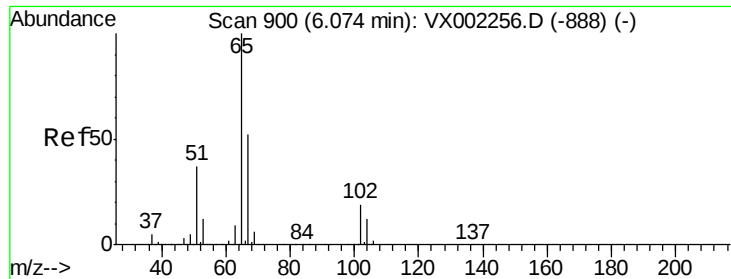
Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

61 45.4 36.4 54.6

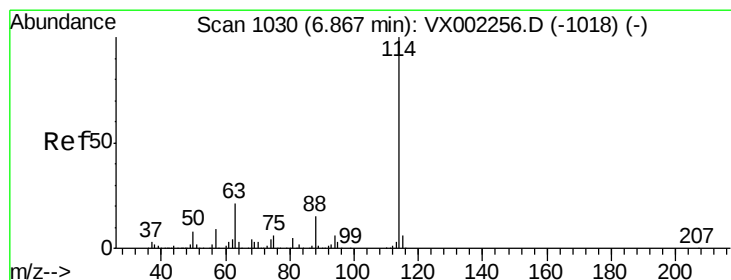
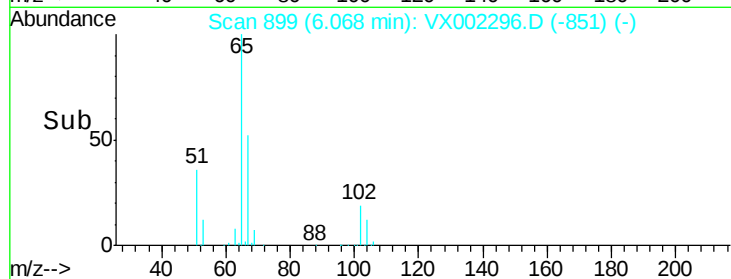
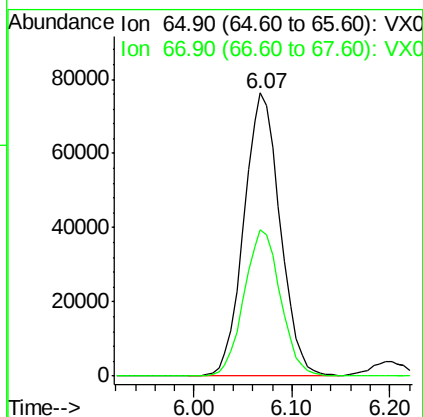
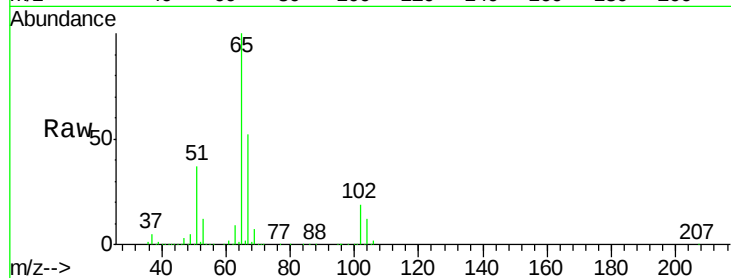




#33
 1,2-Dichloroethane-d4
 Concen: 45.84 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

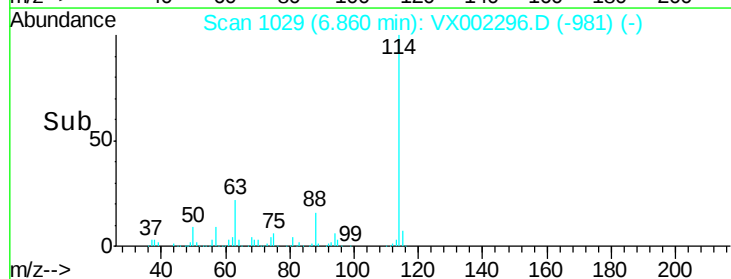
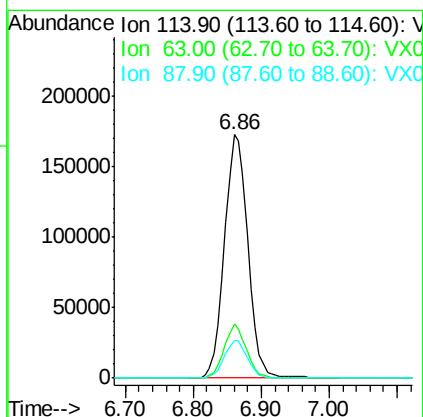
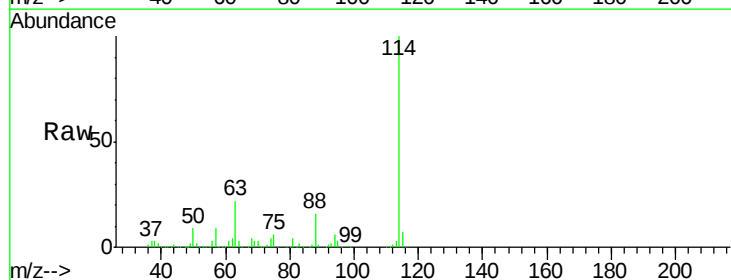
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

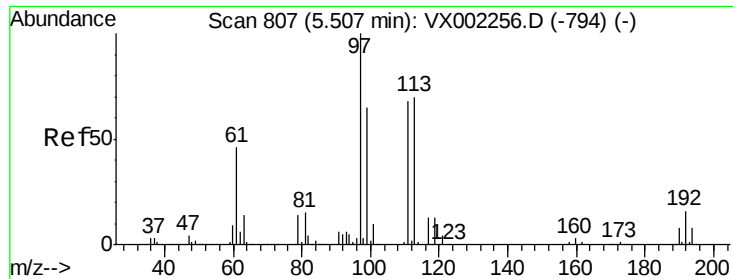
Tot Ion: 65 Resp: 195649
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion: 114 Resp: 413084
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 41.4
 88 15.5 0.0 30.0

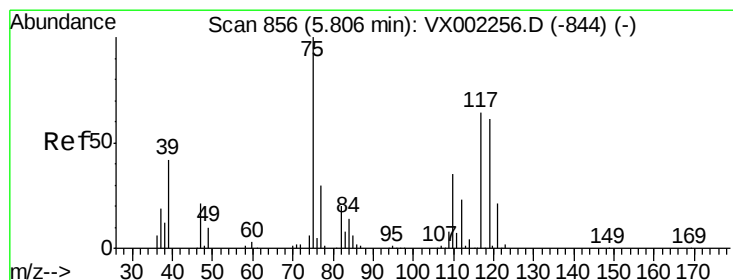
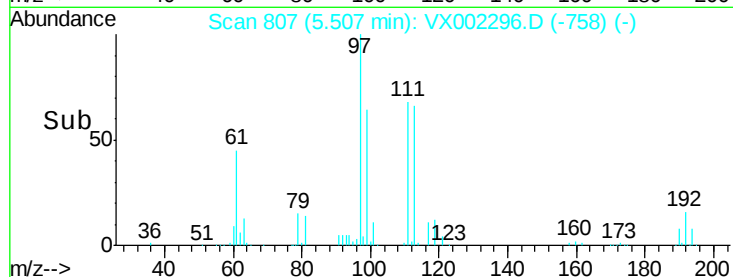
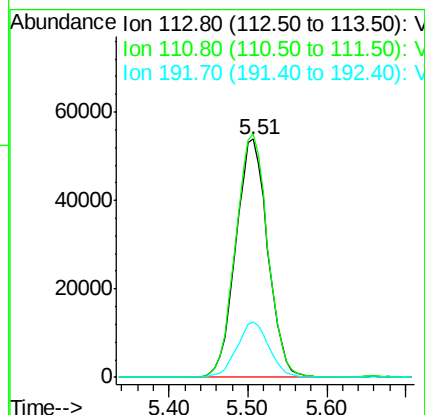
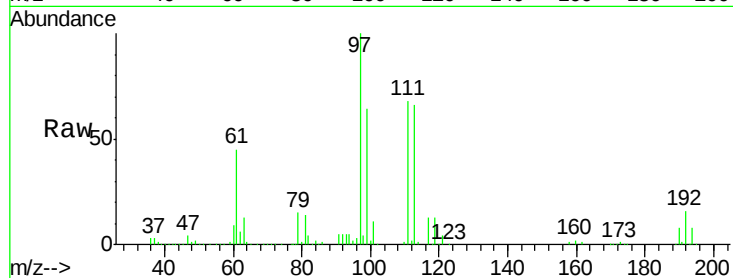




#35
Dibromofluoromethane
Concen: 46.76 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

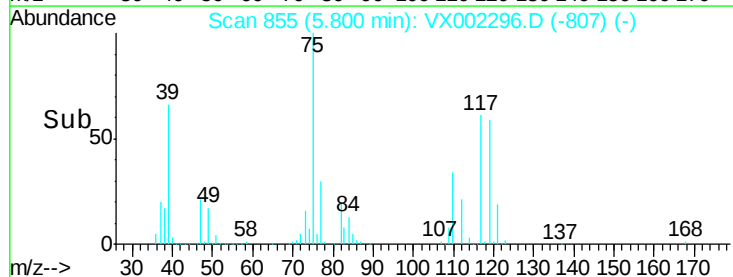
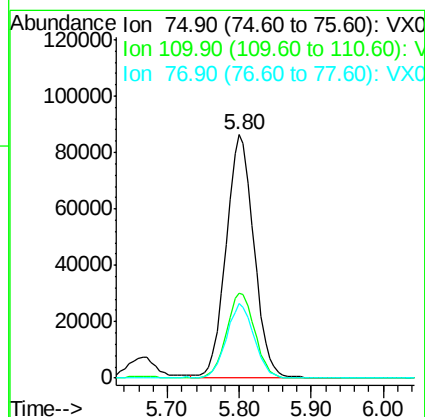
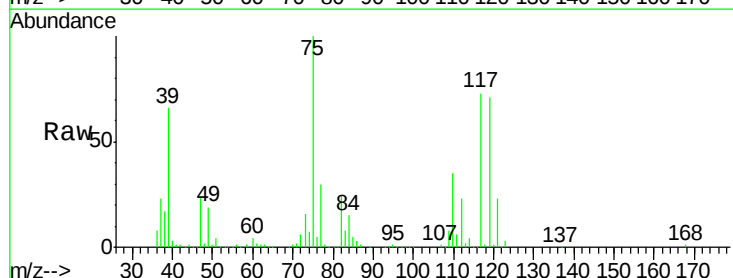
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

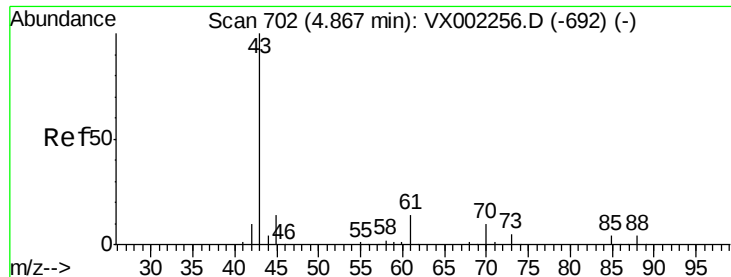
Tot Ion:113 Resp: 151890
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 23.4 19.1 28.7



#36
1,1-Dichloropropene
Concen: 53.48 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 75 Resp: 232228
Ion Ratio Lower Upper
75 100
110 35.4 18.1 54.4
77 30.1 24.3 36.5

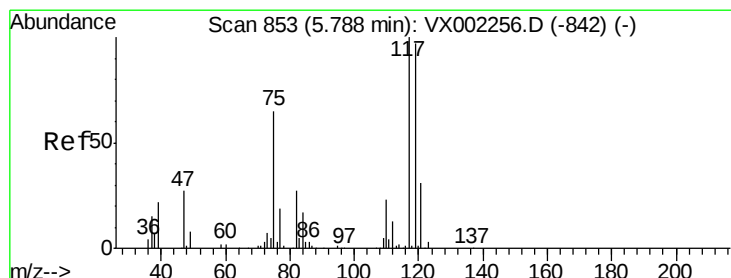
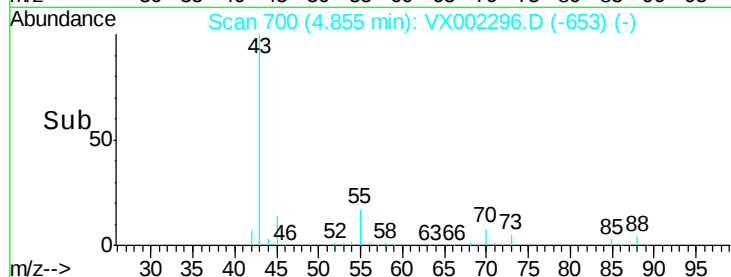
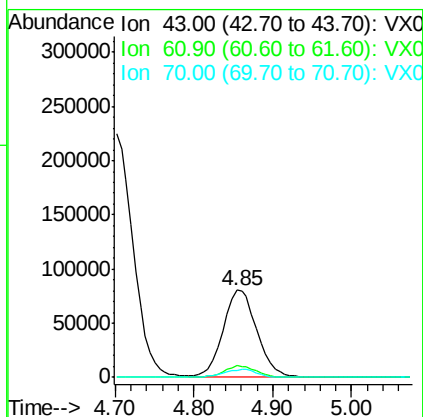
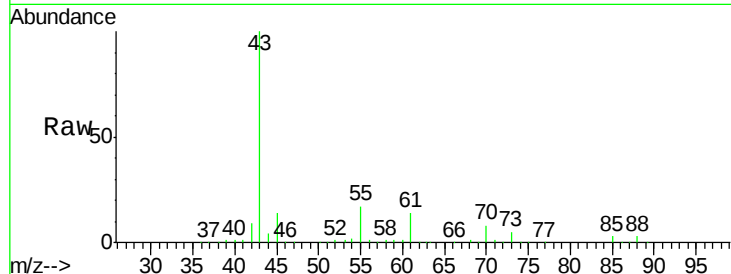




#37
Ethyl Acetate
Concen: 45.80 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

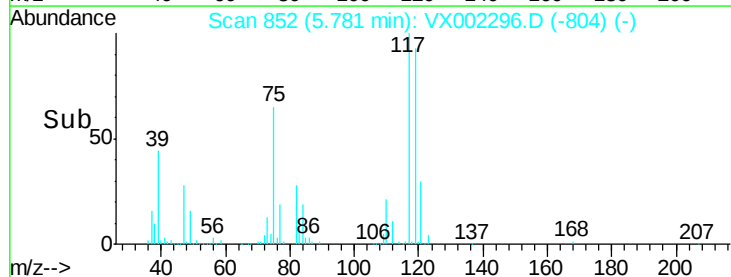
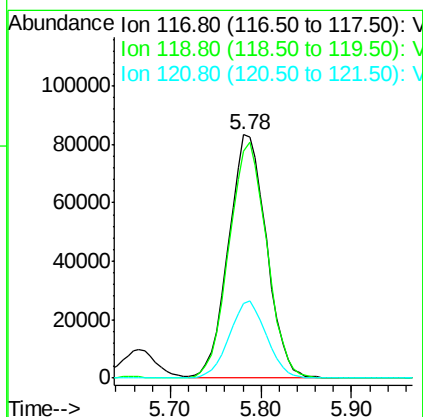
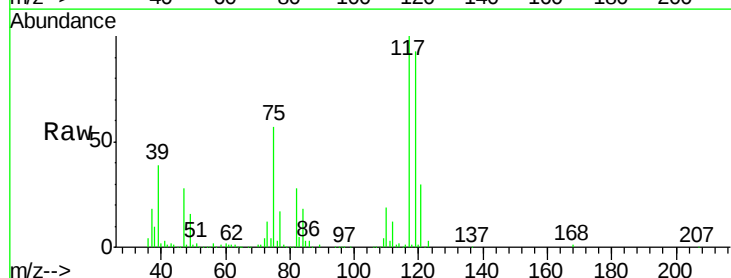
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

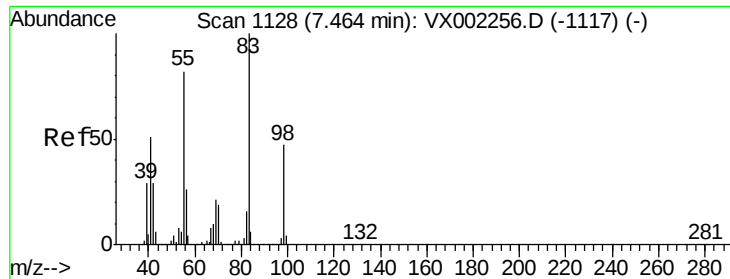
Tot Ion: 43 Resp: 239204
Ion Ratio Lower Upper
43 100
61 12.5 10.4 15.6
70 9.3 7.6 11.4



#38
Carbon Tetrachloride
Concen: 53.04 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 117 Resp: 240953
Ion Ratio Lower Upper
117 100
119 93.5 77.4 116.0
121 30.5 24.4 36.6

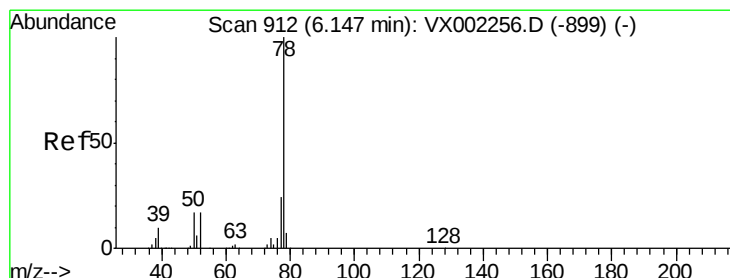
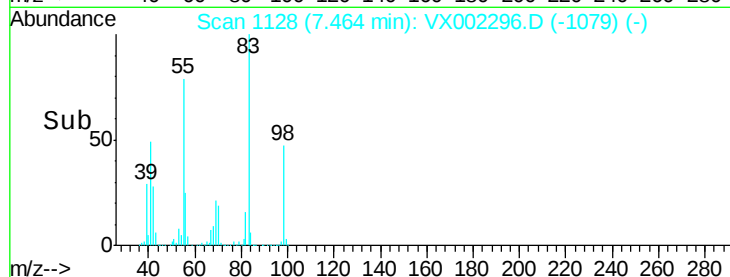
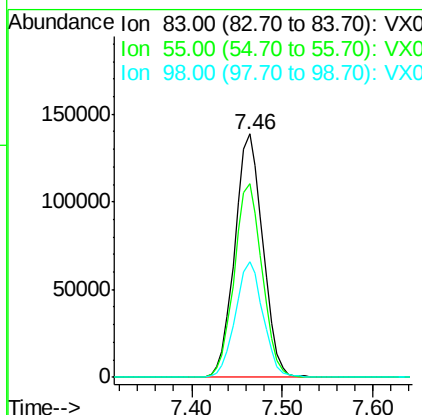
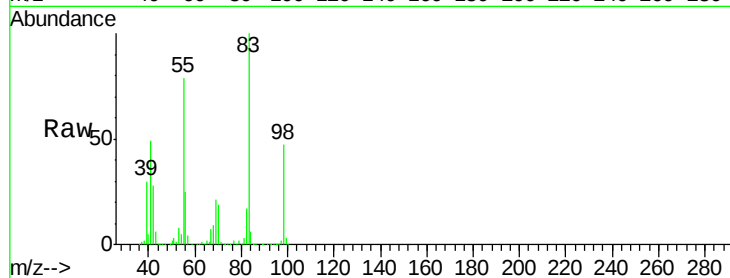




#39
Methvlcvclohexane
Concen: 55.47 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

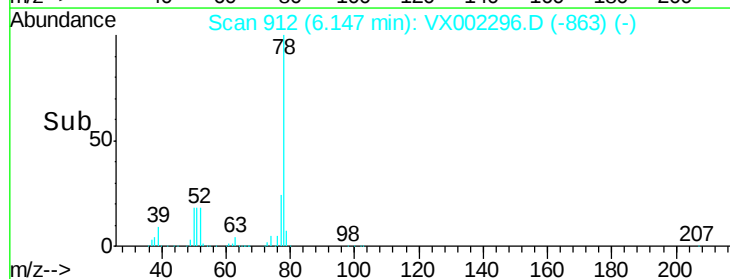
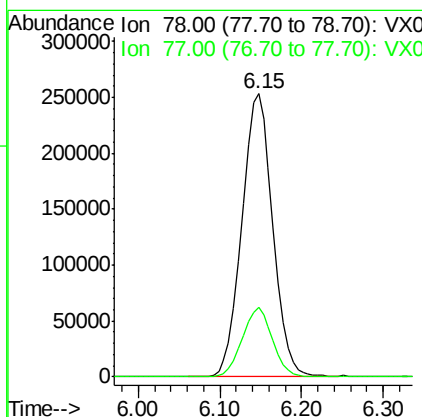
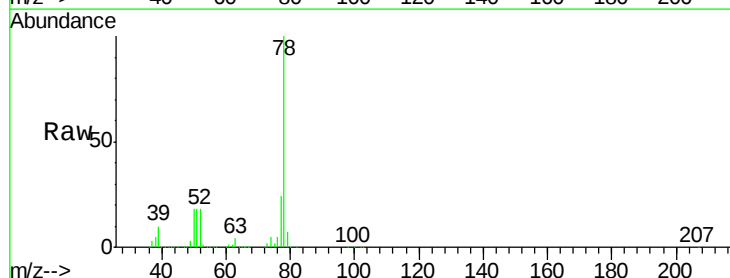
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 297735
Ion Ratio Lower Upper
83 100
55 79.2 65.4 98.0
98 47.3 37.4 56.0



#40
Benzene
Concen: 50.04 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 78 Resp: 666269
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

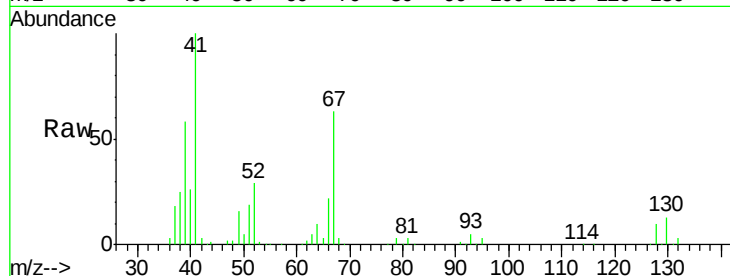




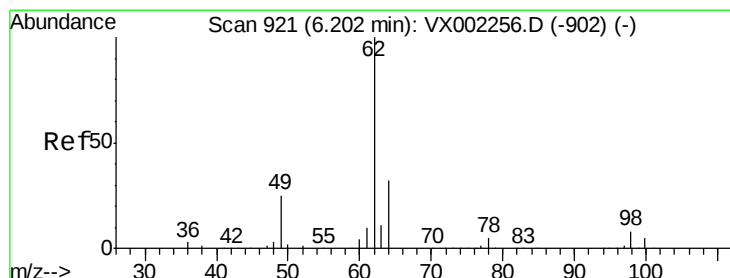
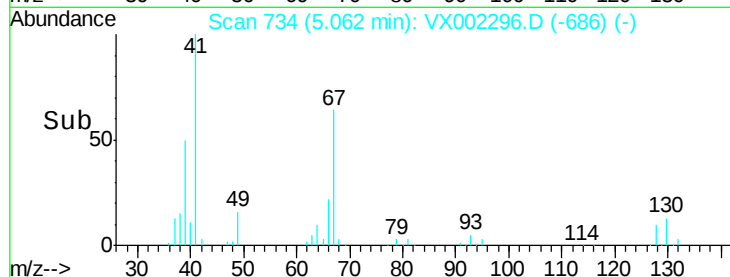
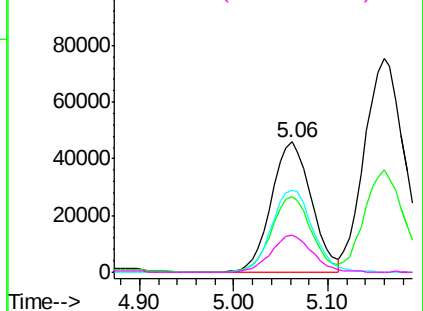
#41
Methacrylonitrile
Concen: 45.42 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 135788
Ion Ratio Lower Upper
41 100
39 57.9 45.8 68.6
67 65.2 51.3 76.9
52 29.3 23.0 34.6

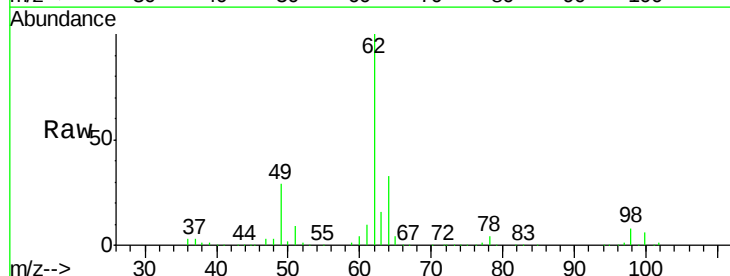


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

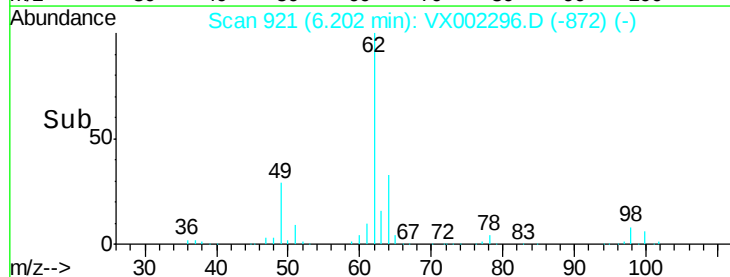
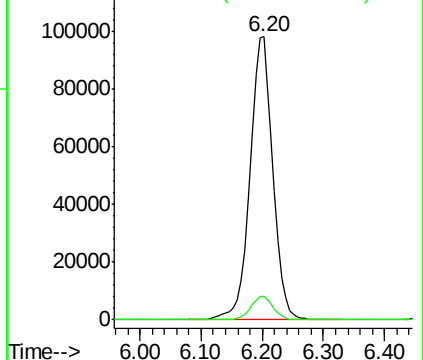


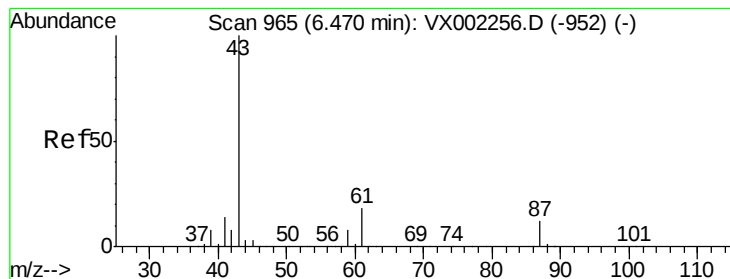
#42
1,2-Dichloroethane
Concen: 48.47 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 62 Resp: 256406
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



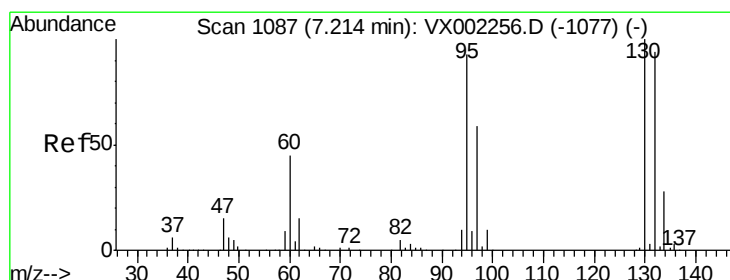
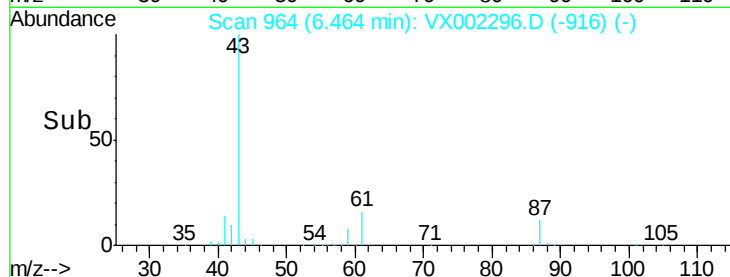
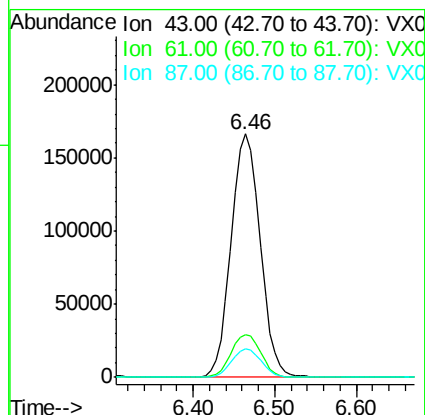
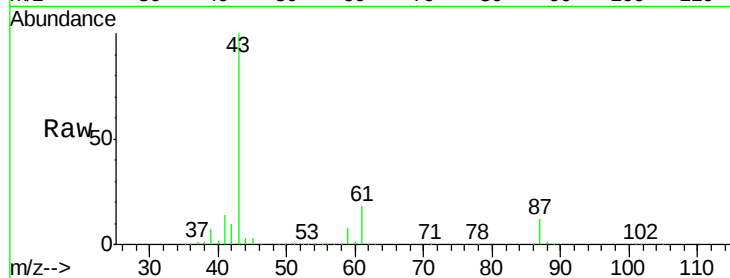


#43

Isopropyl Acetate
 Concen: 46.18 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

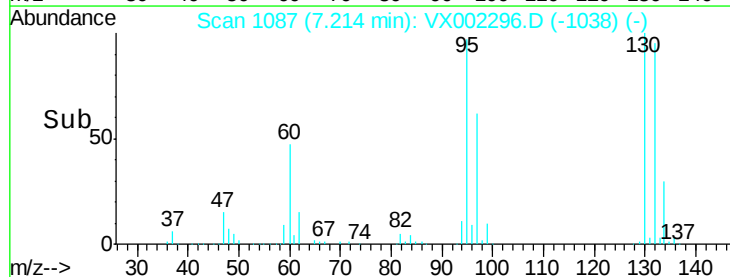
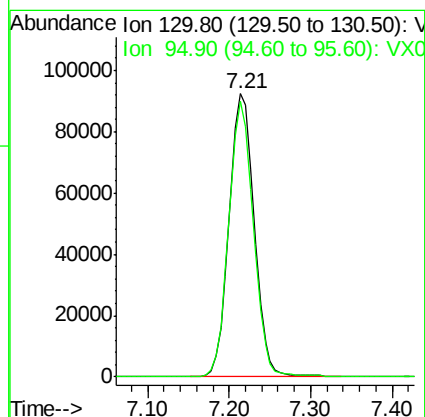
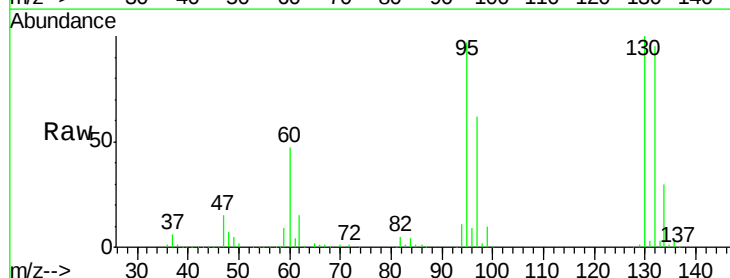
Tot Ion: 43 Resp: 409660
 Ion Ratio Lower Upper
 43 100
 61 18.1 14.4 21.6
 87 12.0 9.5 14.3

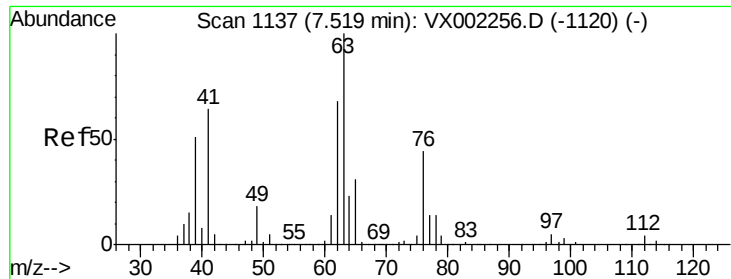


#44

Trichloroethene
 Concen: 53.30 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion:130 Resp: 196978
 Ion Ratio Lower Upper
 130 100
 95 97.3 0.0 185.4

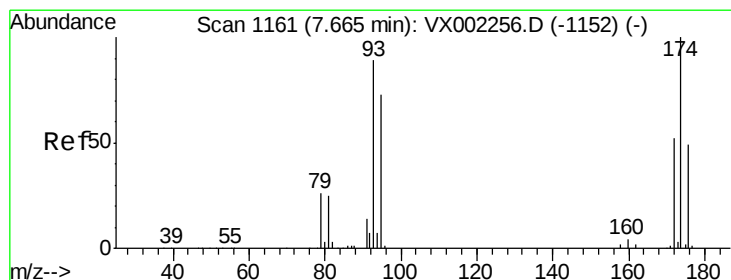
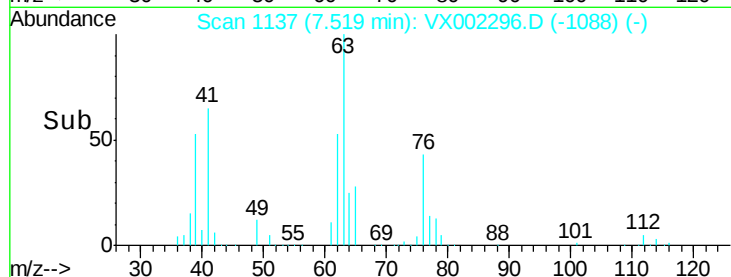
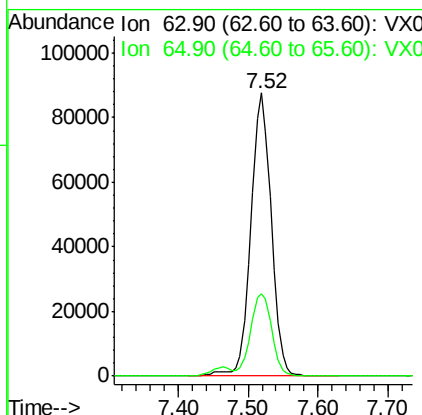
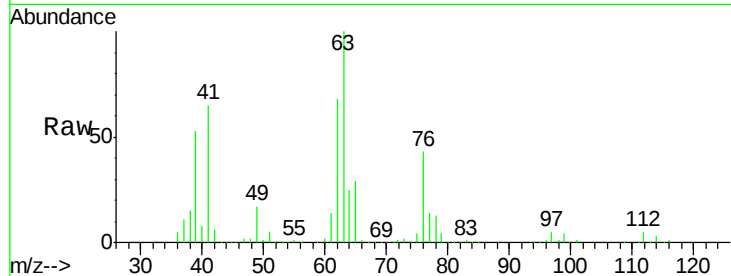




#45
 1,2-Dichloropropane
 Concen: 49.44 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

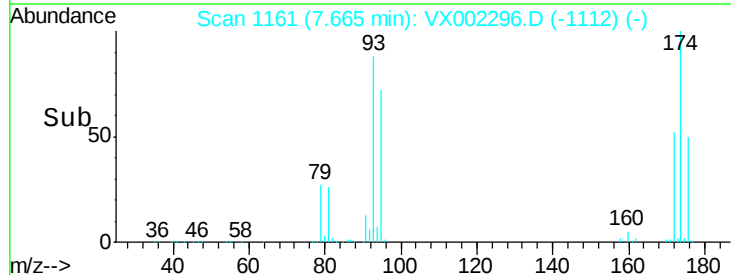
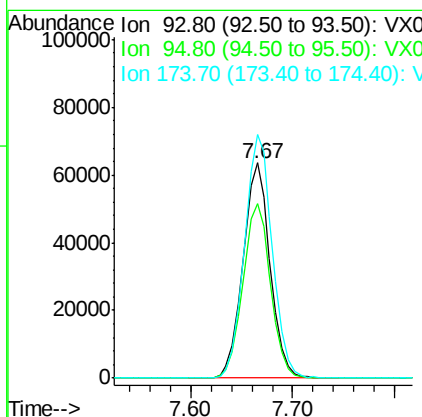
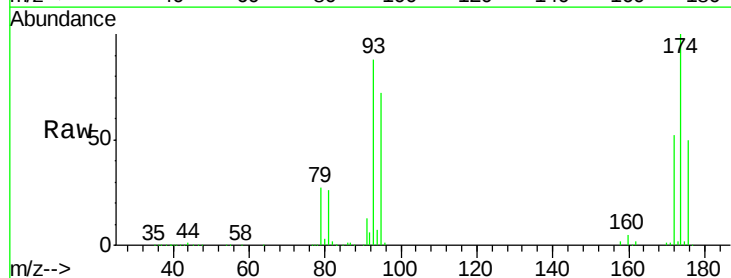
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

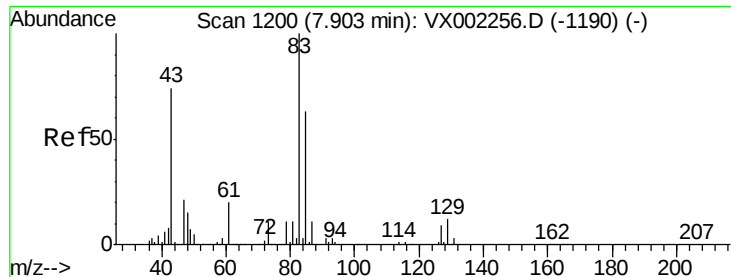
Tot Ion: 63 Resp: 177705
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.7 37.1



#46
 Dibromomethane
 Concen: 47.97 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion: 93 Resp: 116888
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.9 98.9
 174 116.2 92.4 138.6





#47

Bromodichloromethane

Concen: 50.09 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

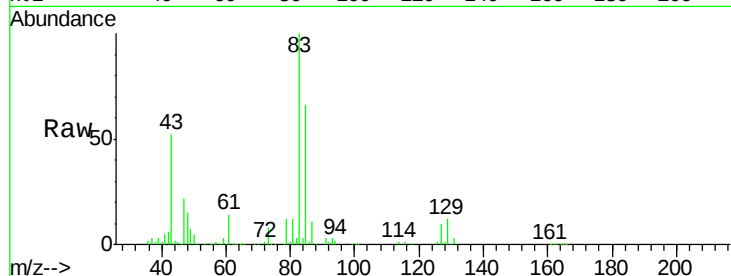
Tot Ion: 83 Resp: 220744

Ion Ratio Lower Upper

83 100

85 65.9 50.3 75.5

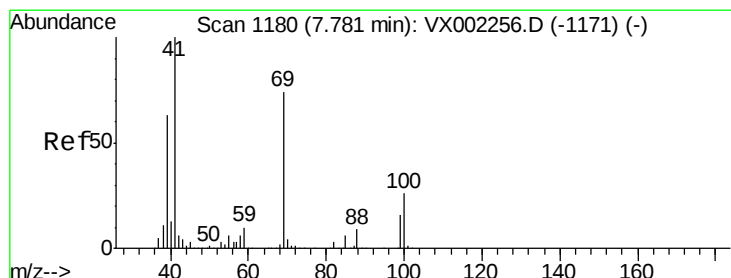
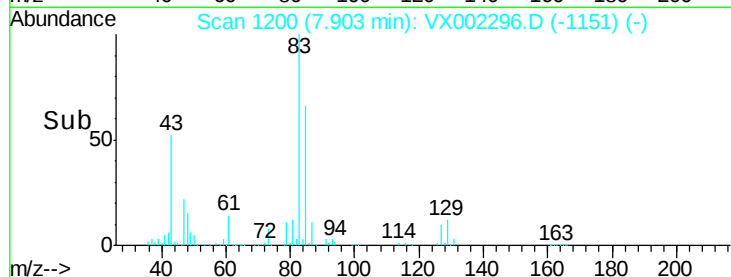
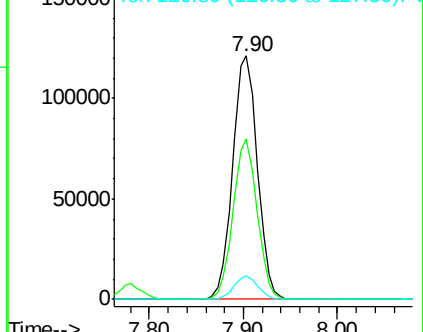
127 9.7 7.0 10.4



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: 47.21 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

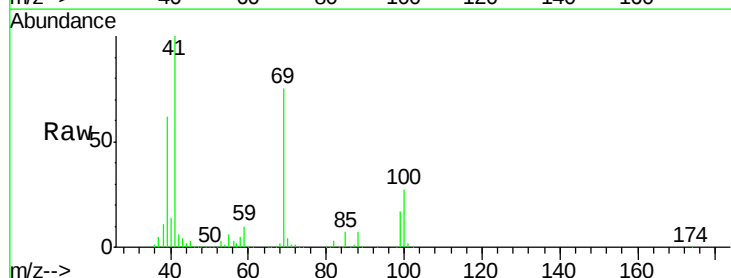
Tgt Ion: 41 Resp: 210356

Ion Ratio Lower Upper

41 100

69 75.0 59.1 88.7

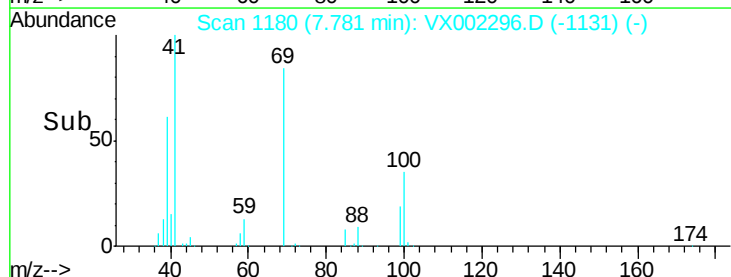
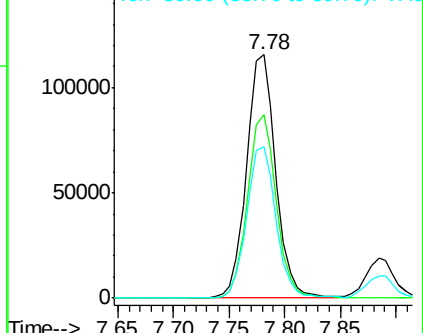
39 62.1 48.9 73.3

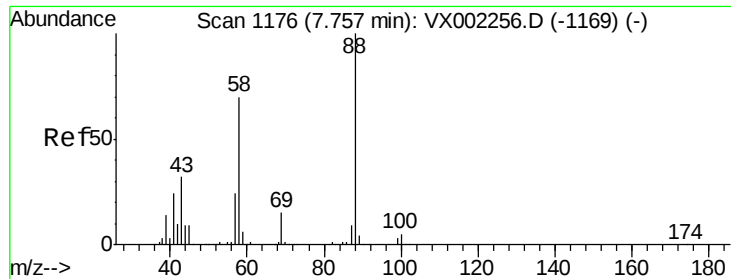


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

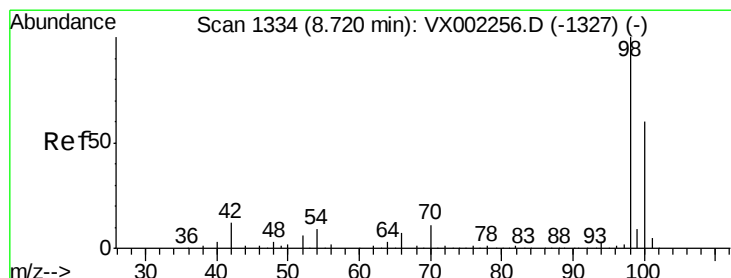
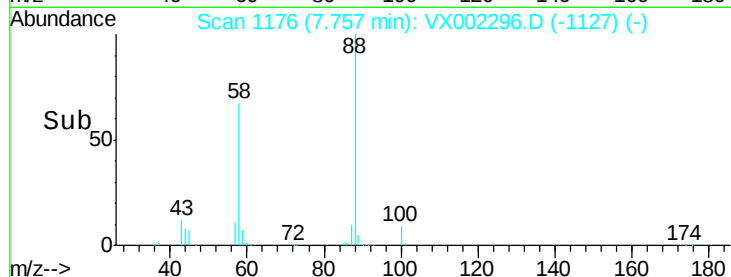
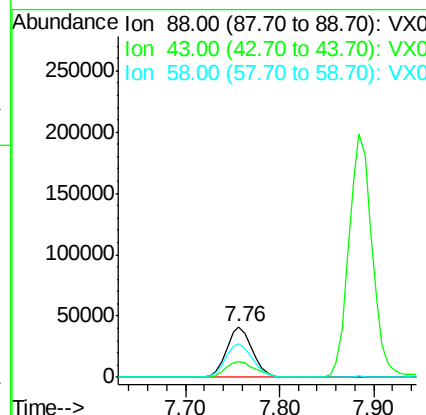
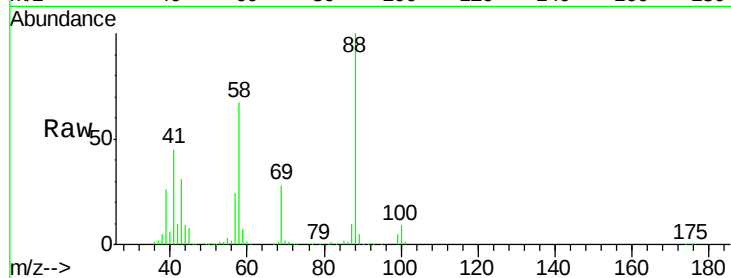




#49
 1,4-Dioxane
 Concen: 933.83 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

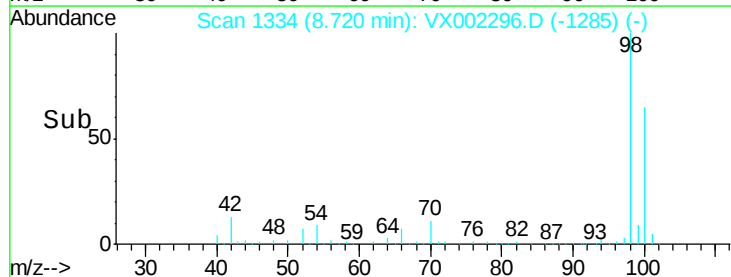
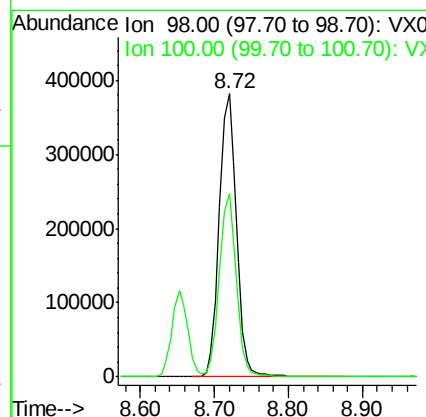
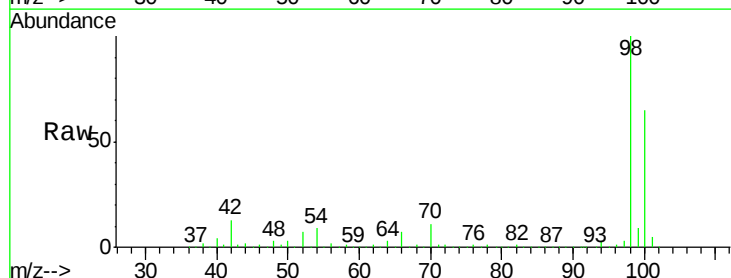
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

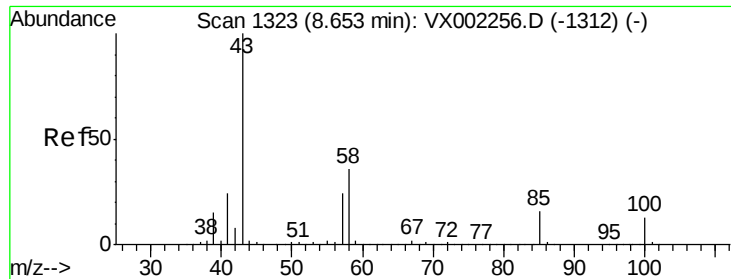
Tot Ion: 88 Resp: 77800
 Ion Ratio Lower Upper
 88 100
 43 36.1 29.8 44.6
 58 69.9 57.1 85.7



#50
 Toluene-d8
 Concen: 48.86 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion: 98 Resp: 608315
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 234.92 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

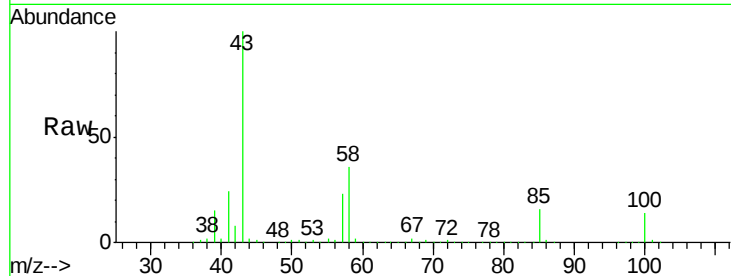
VSTDCCC050

Tot Ion: 43 Resp: 1297730

Ion Ratio Lower Upper

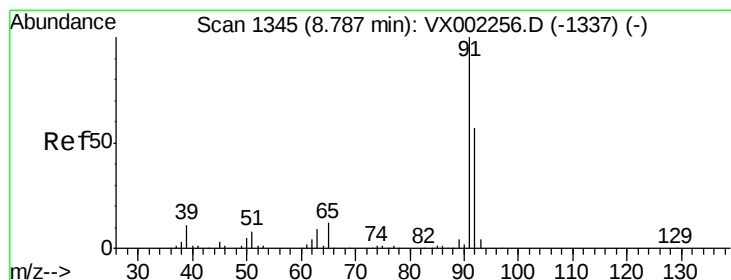
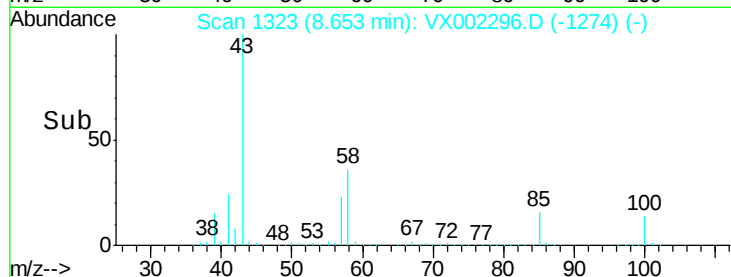
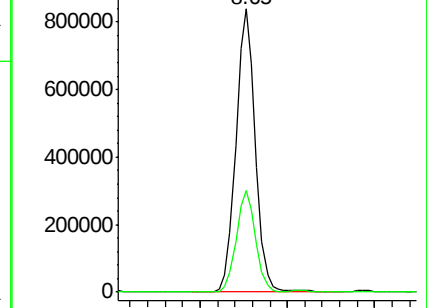
43 100

58 35.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.62 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002296.D

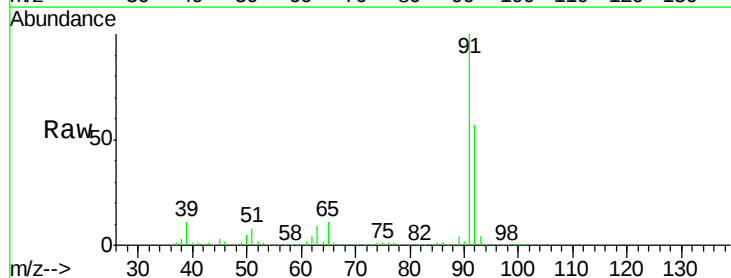
Acq: 05 Jun 2018 10:23

Tgt Ion: 92 Resp: 445603

Ion Ratio Lower Upper

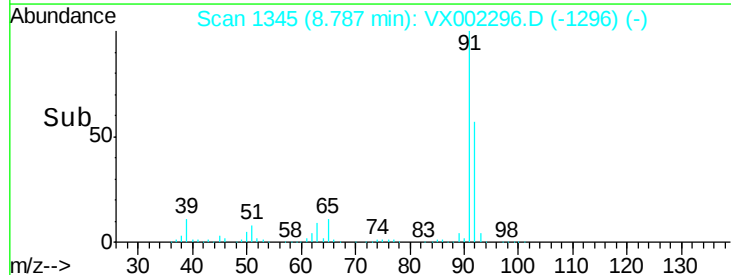
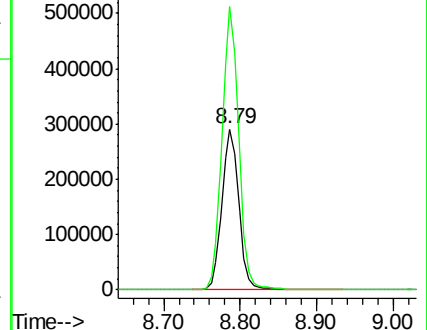
92 100

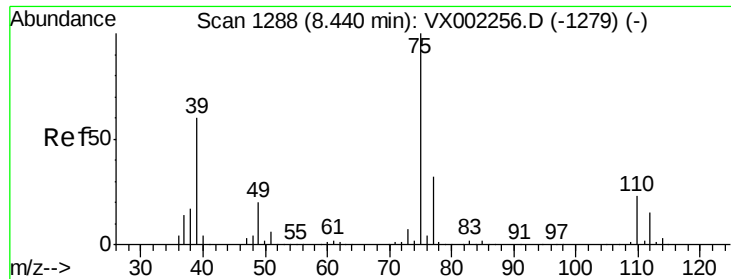
91 174.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.37 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

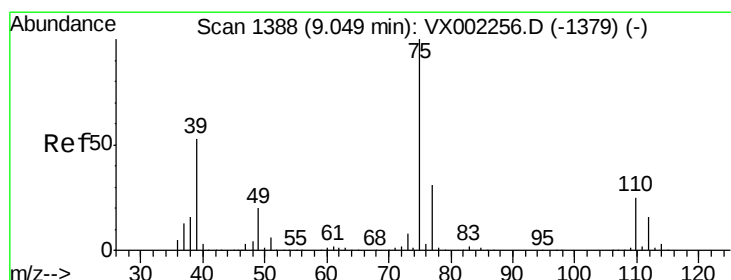
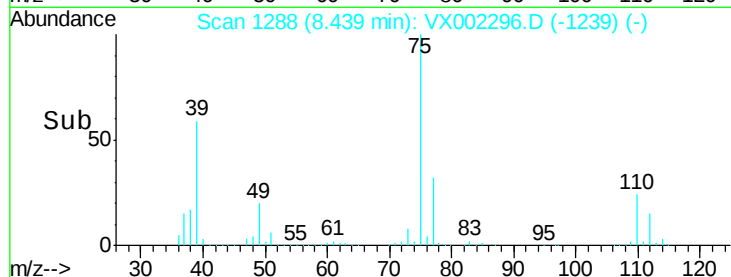
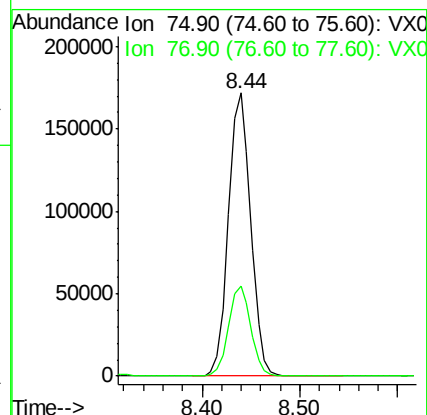
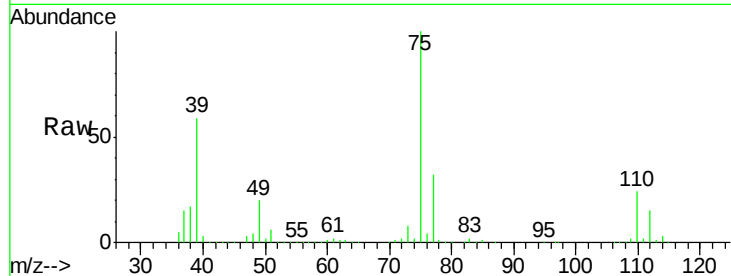
VSTDCCC050

Tot Ion: 75 Resp: 271482

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.25 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

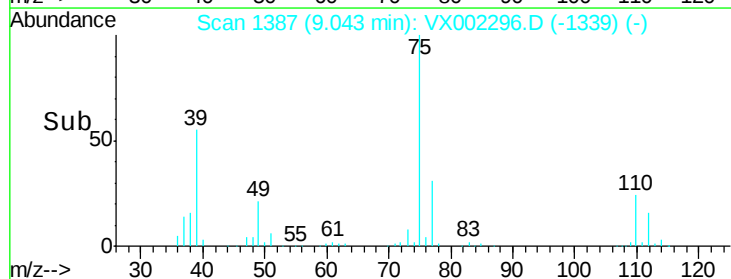
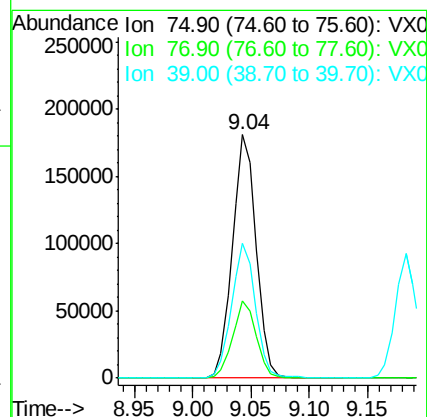
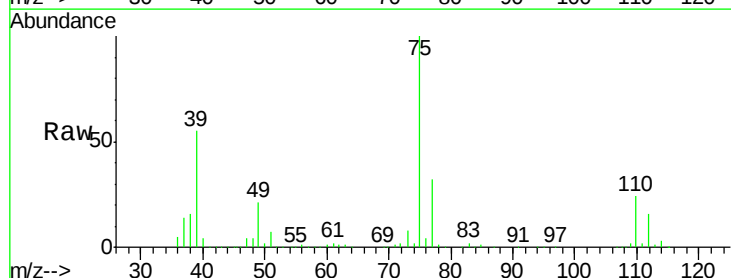
Tgt Ion: 75 Resp: 255548

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 55.4 42.4 63.6

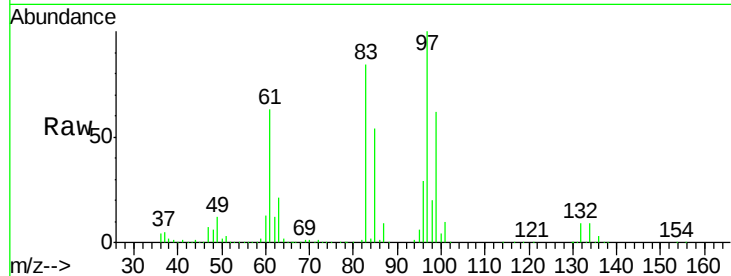




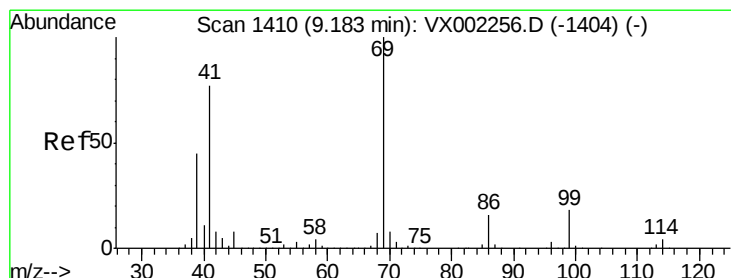
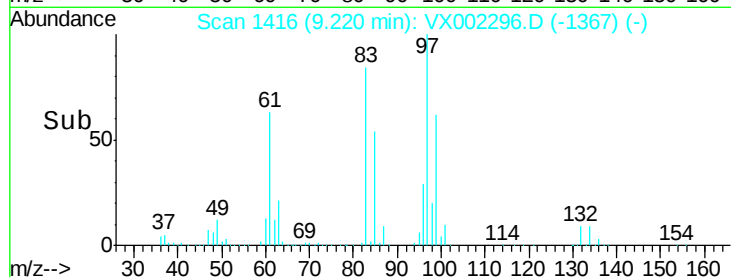
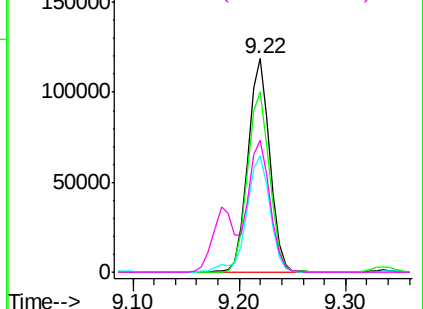
#55
 1,1,2-Trichloroethane
 Concen: 49.35 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	171908
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.2	105.2
85	54.4	44.9	67.3
99	61.8	49.8	74.8

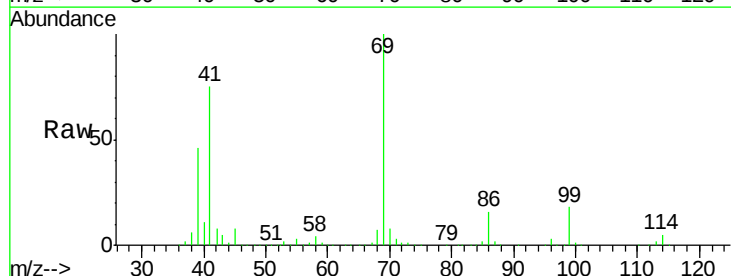


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

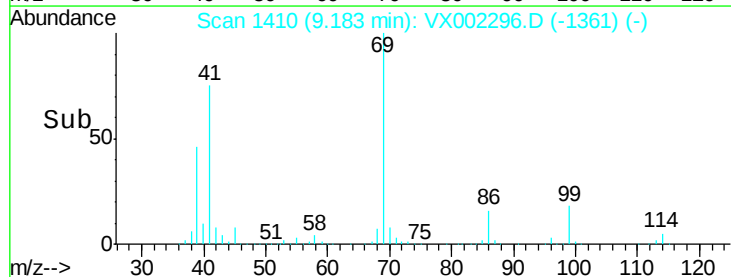
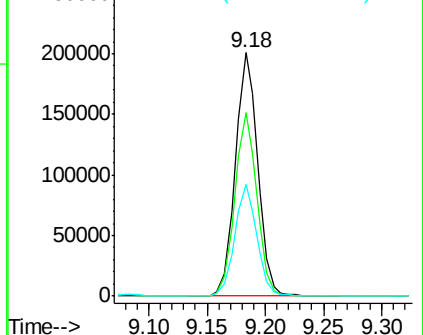


#56
 Ethyl methacrylate
 Concen: 48.34 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion:	69	Resp:	268817
Ion	Ratio	Lower	Upper
69	100		
41	74.5	60.3	90.5
39	44.9	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: 49.23 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

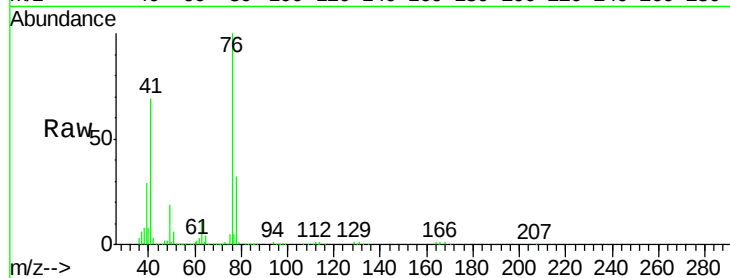
VSTDCCC050

Tot Ion: 76 Resp: 287664

Ion Ratio Lower Upper

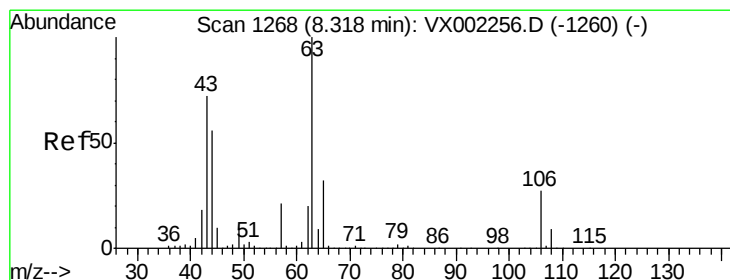
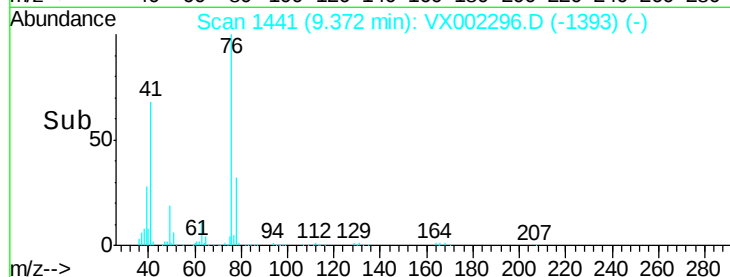
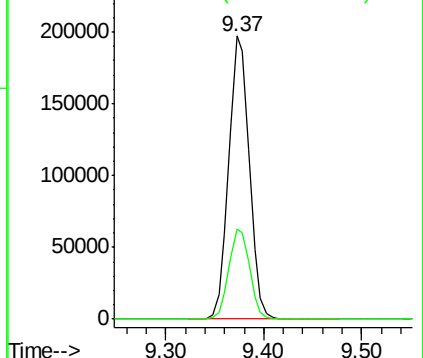
76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 270.74 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002296.D

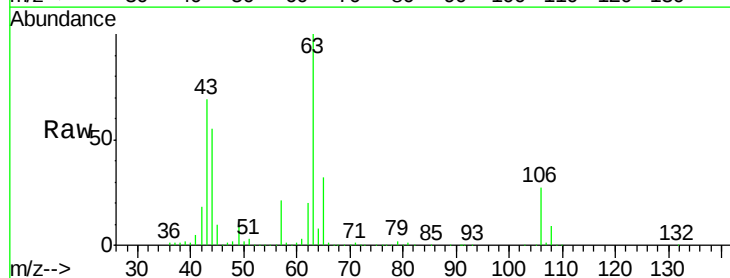
Acq: 05 Jun 2018 10:23

Tgt Ion: 63 Resp: 696848

Ion Ratio Lower Upper

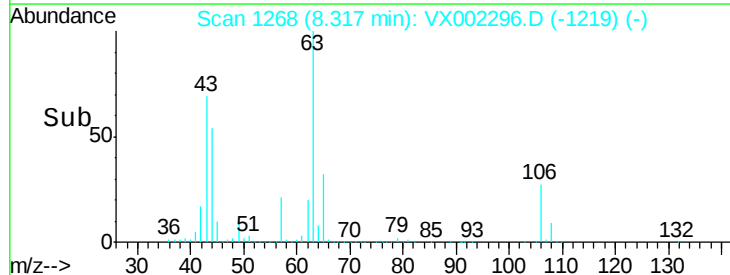
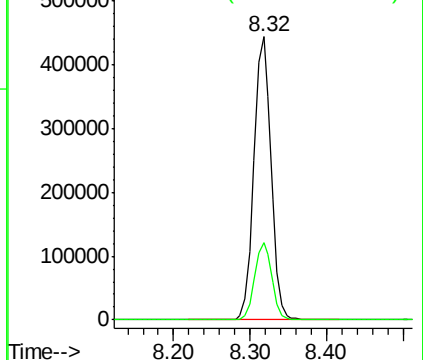
63 100

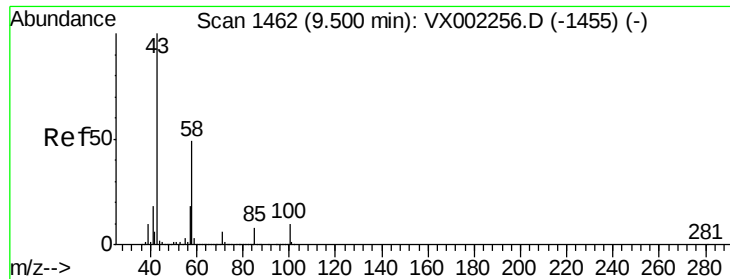
106 27.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

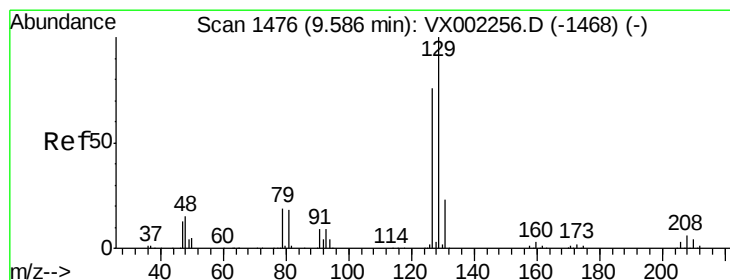
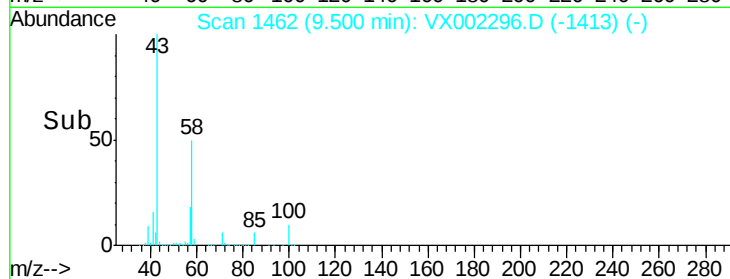
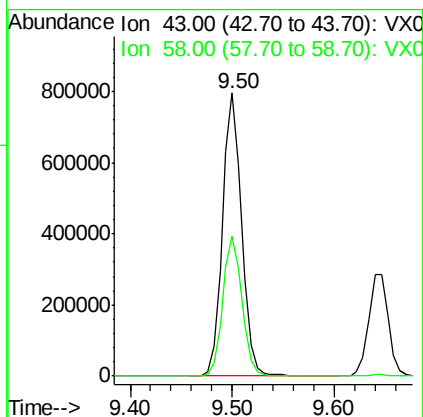
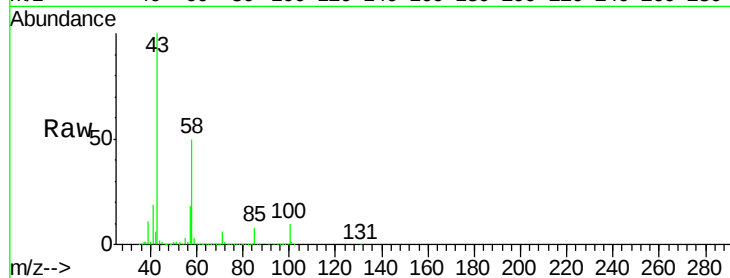




#59
2-Hexanone
Concen: 243.60 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

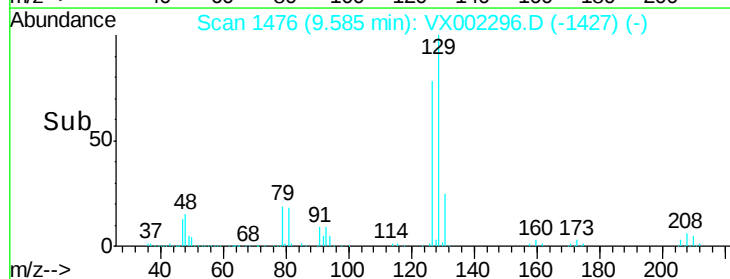
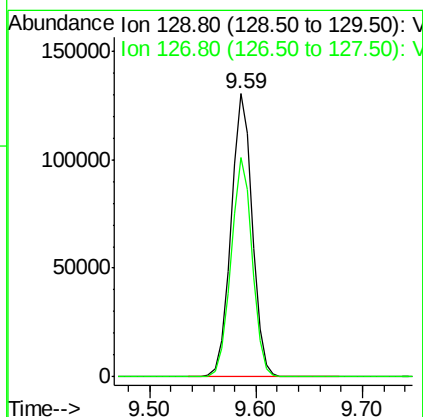
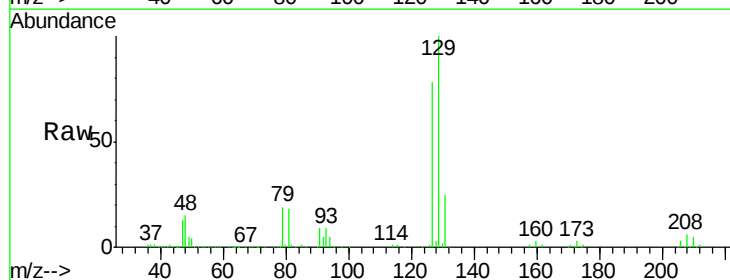
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1039388
Ion Ratio Lower Upper
43 100
58 49.7 24.6 73.6



#60
Dibromochloromethane
Concen: 52.17 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 129 Resp: 182778
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.35 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

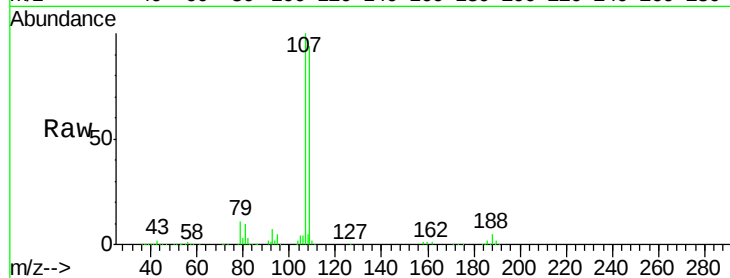
VSTDCCC050

Tot Ion:107 Resp: 182877

Ion Ratio Lower Upper

107 100

109 94.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

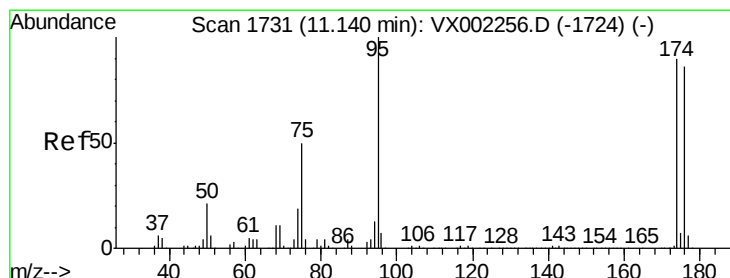
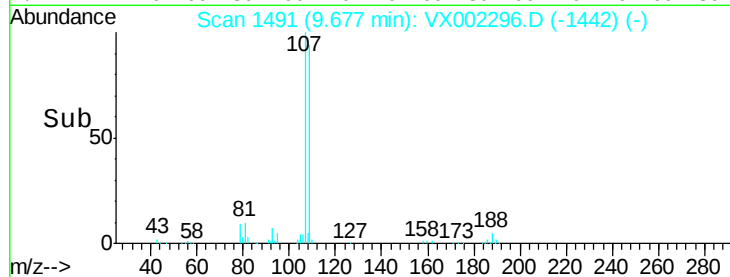
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

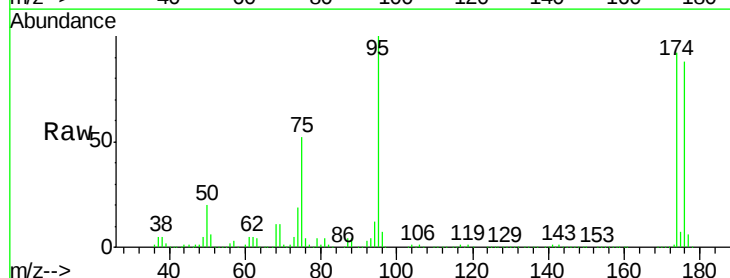
Tgt Ion: 95 Resp: 238416

Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.4

176 92.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

250000

200000

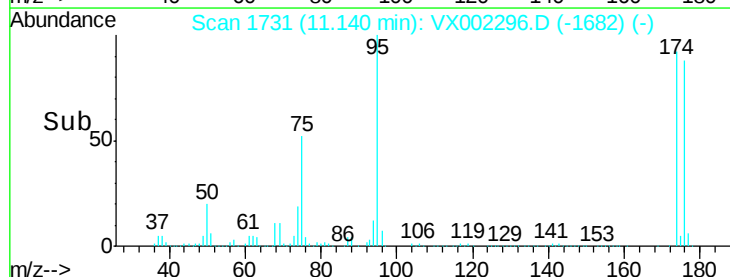
150000

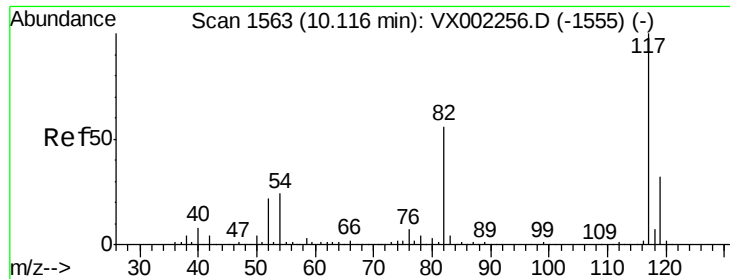
100000

50000

0

Time-->

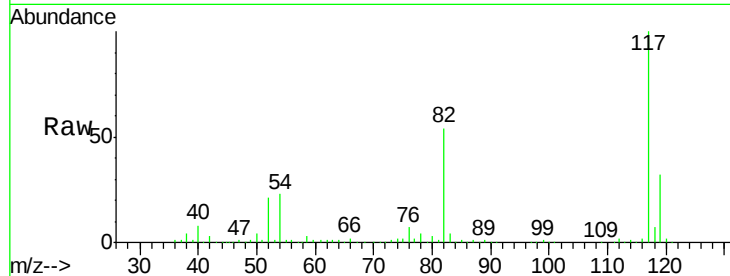




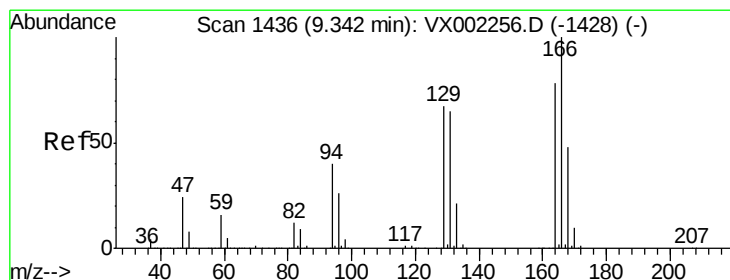
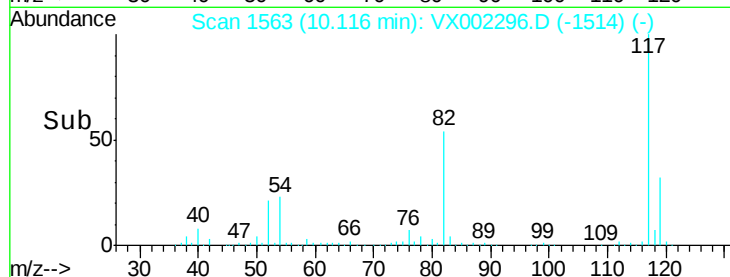
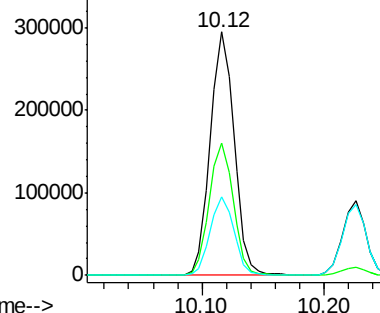
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 399664
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.3 25.8 38.6

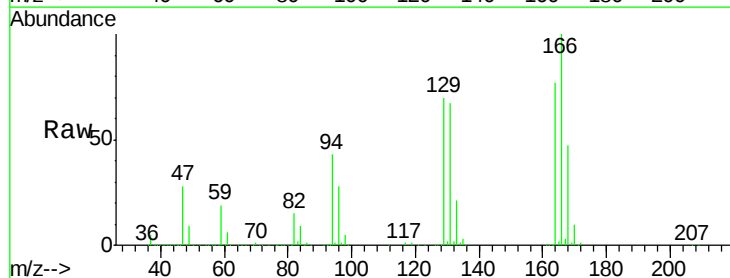


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

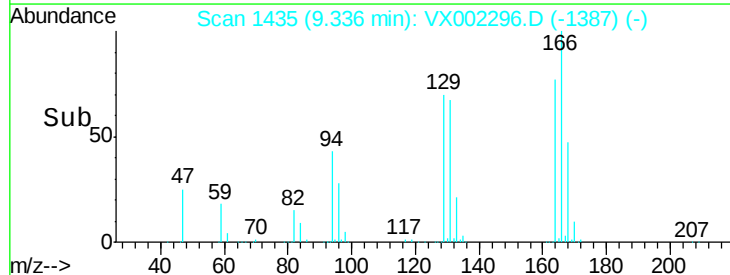
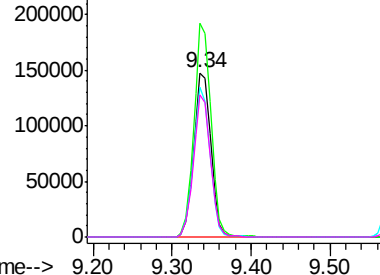


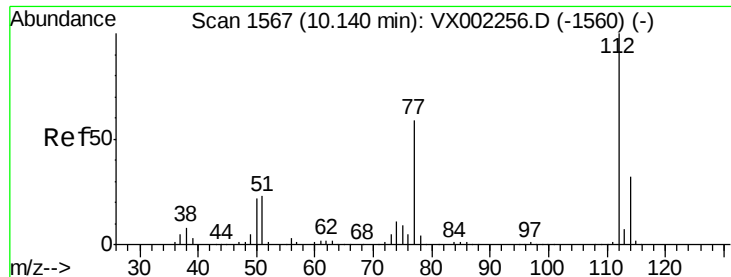
#64
Tetrachloroethene
Concen: 54.22 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion:164 Resp: 223484
Ion Ratio Lower Upper
164 100
166 130.0 102.9 154.3
129 90.9 68.6 102.8
131 86.6 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

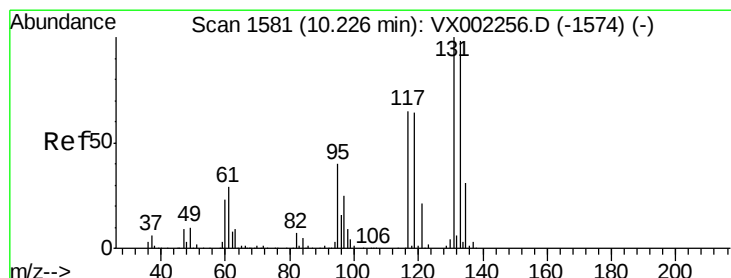
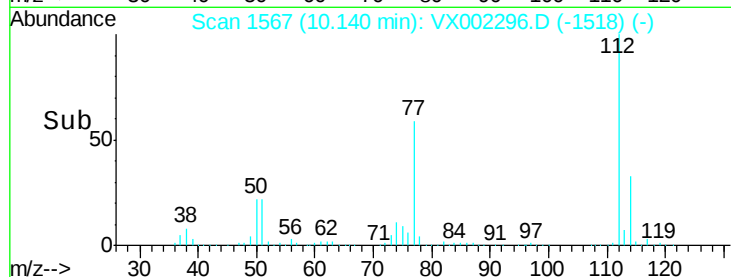
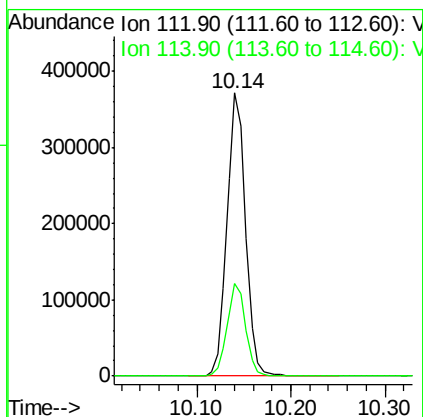
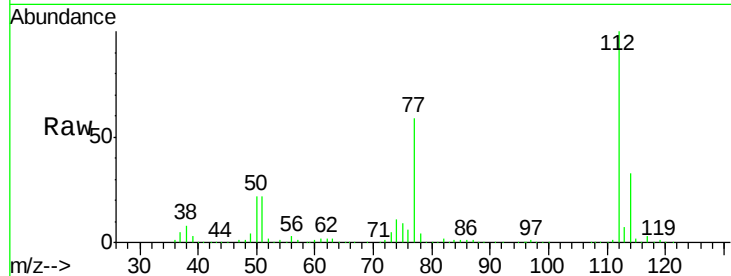




#65
Chlorobenzene
Concen: 51.09 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

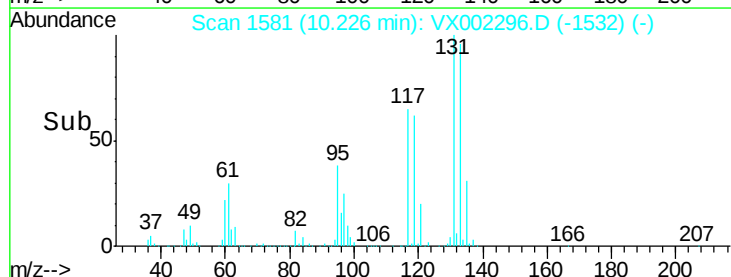
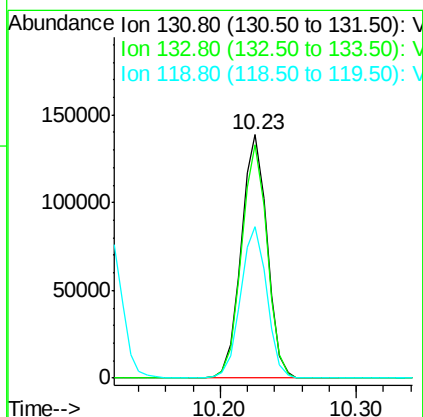
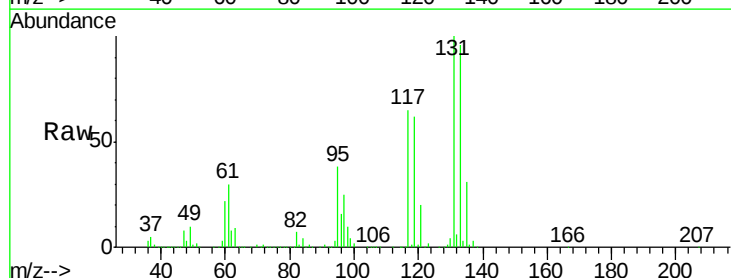
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

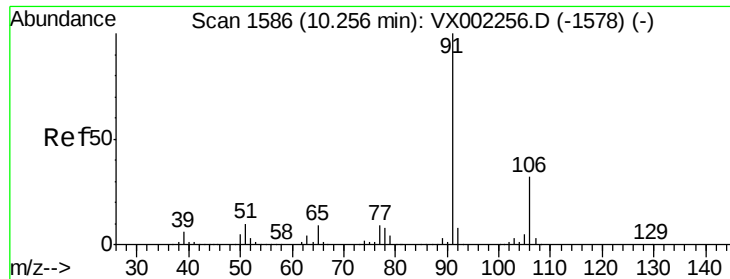
Tot Ion:112 Resp: 508120
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.13 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion:131 Resp: 184118
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.6
119 63.0 31.8 95.3

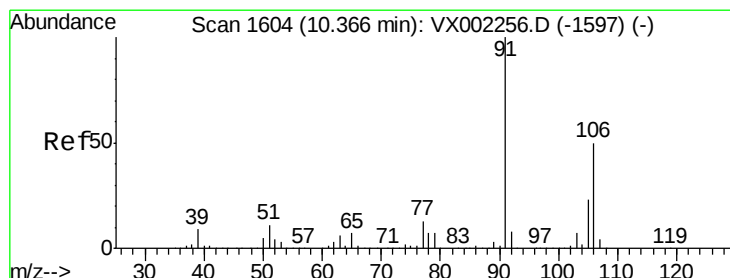
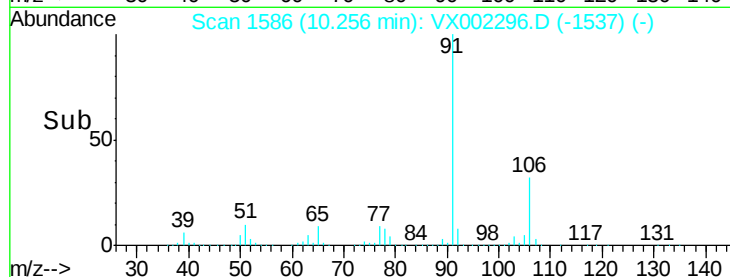
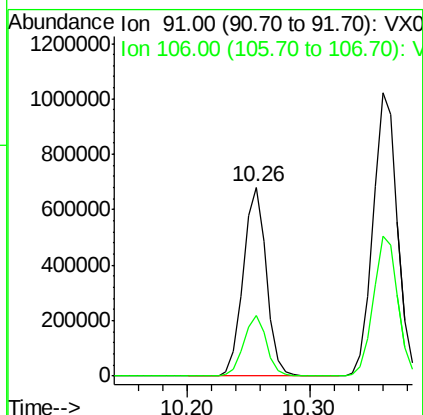
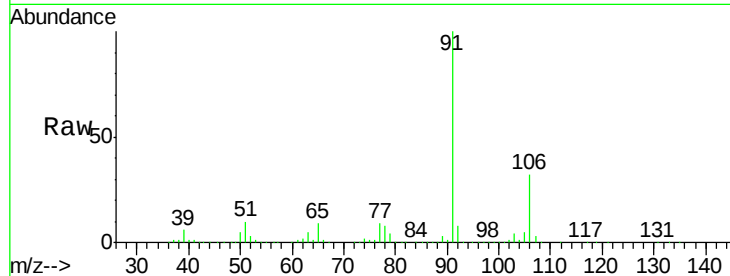




#67
Ethyl Benzene
Concen: 53.51 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

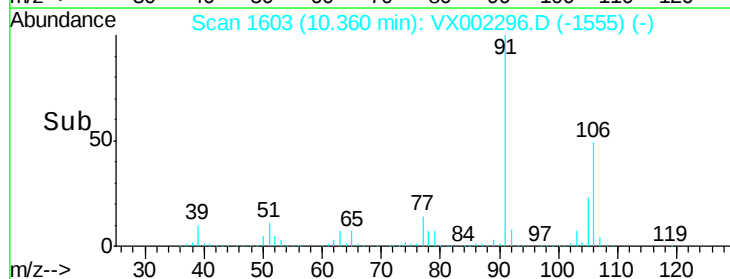
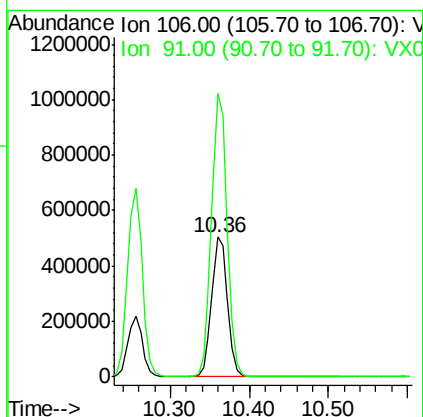
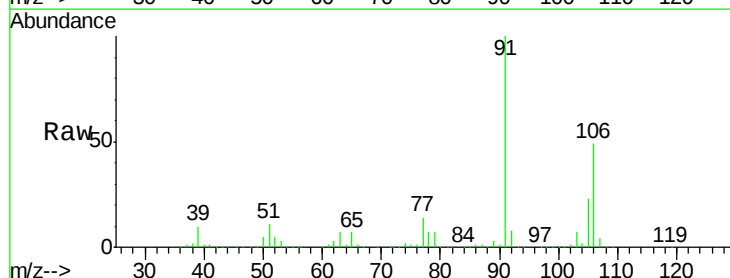
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 890551
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3



#68
m/p-Xylenes
Concen: 108.17 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 106 Resp: 699829
Ion Ratio Lower Upper
106 100
91 201.5 163.4 245.2

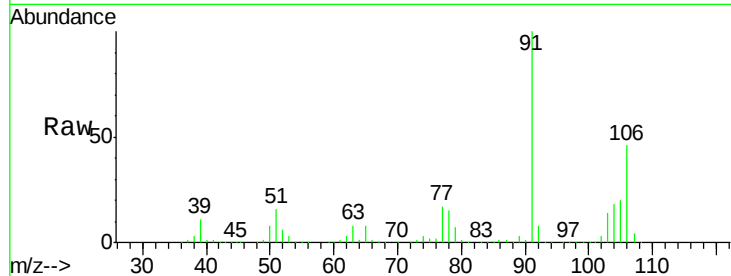




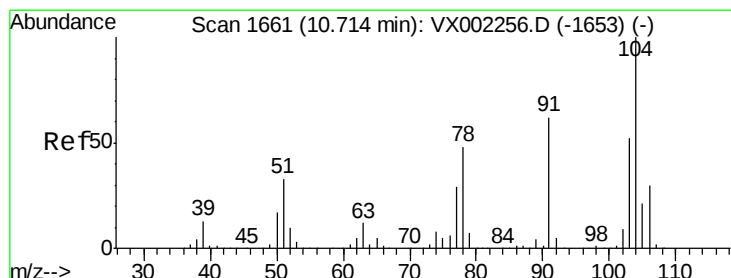
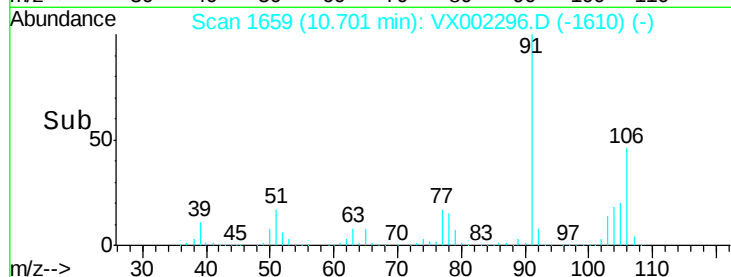
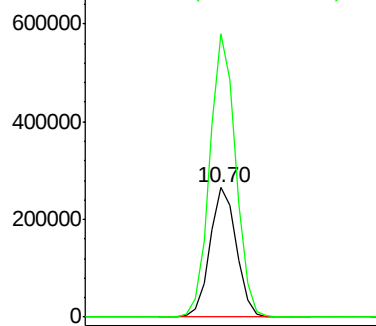
#69
o-Xylene
Concen: 52.27 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 336525
Ion Ratio Lower Upper
106 100
91 214.9 108.2 324.6

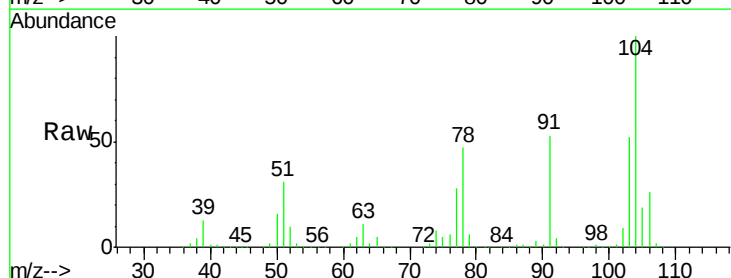


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

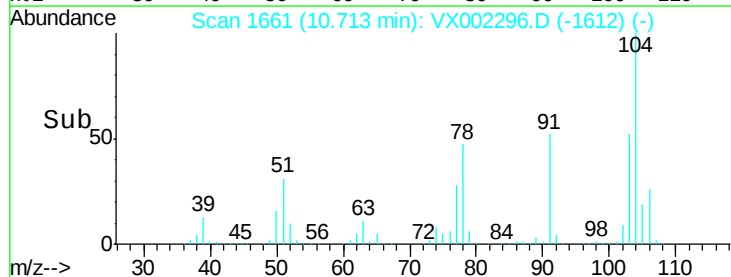
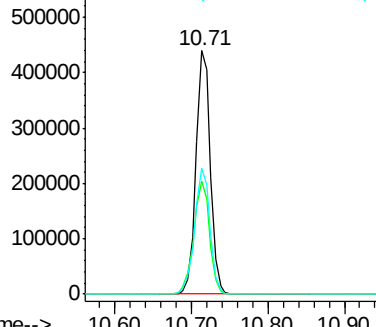


#70
Styrene
Concen: 54.09 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion:104 Resp: 569302
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 55.4 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 44.29 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

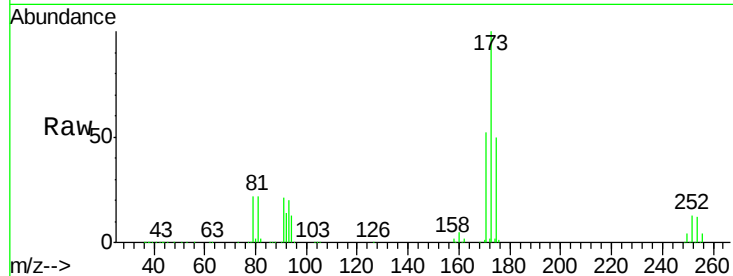
Tot Ion:173 Resp: 141458

Ion Ratio Lower Upper

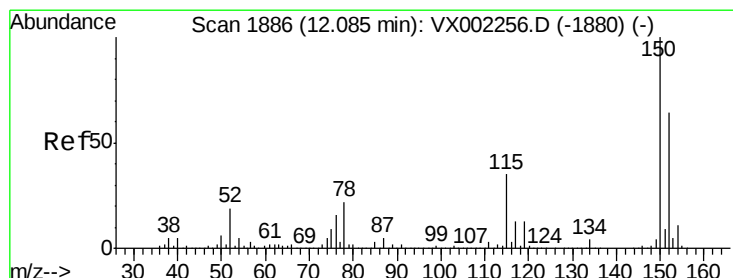
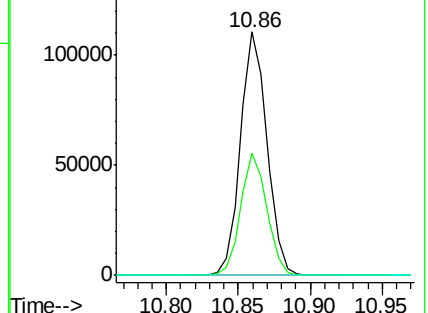
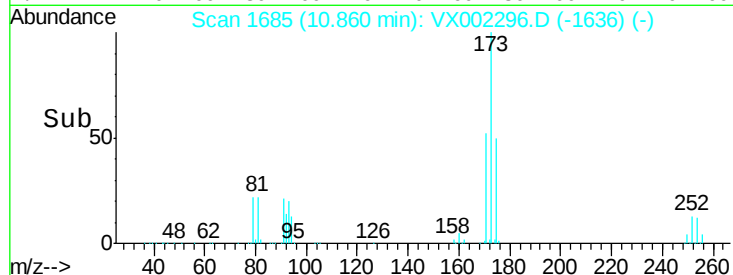
173 100

175 49.6 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

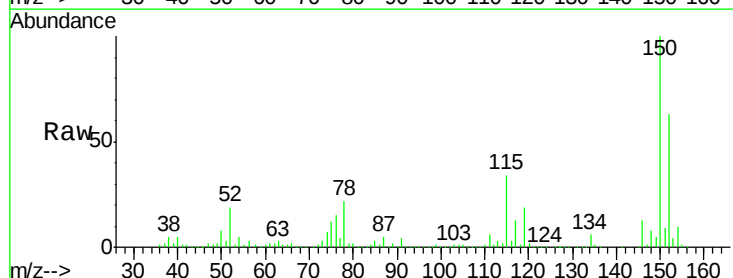
Tgt Ion:152 Resp: 265984

Ion Ratio Lower Upper

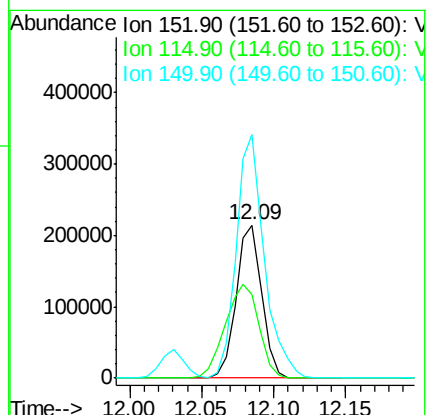
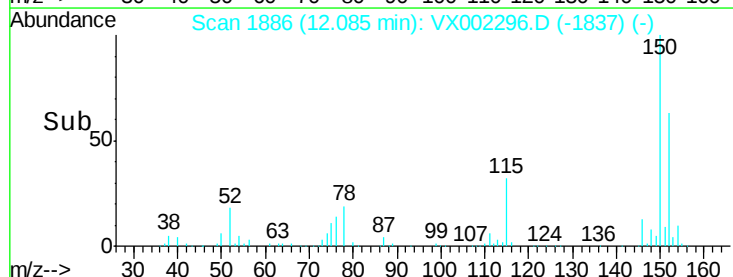
152 100

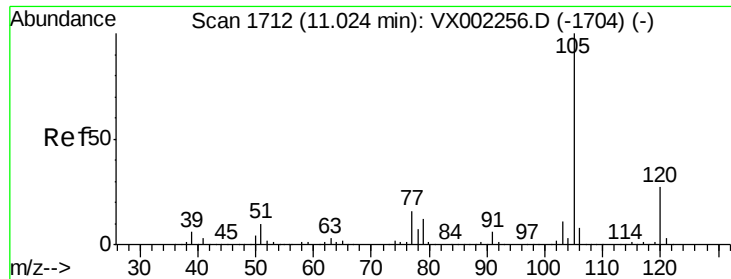
115 80.8 40.1 120.2

150 174.8 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: 50.88 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

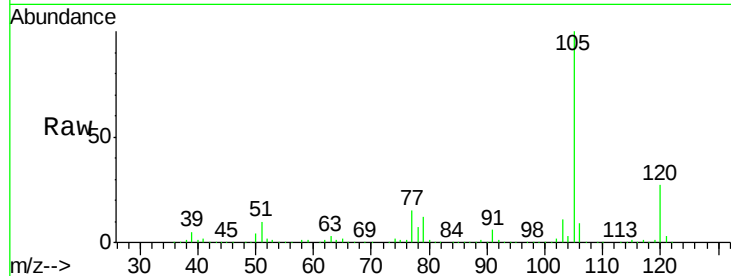
VSTDCCC050

Tot Ion:105 Resp: 941498

Ion Ratio Lower Upper

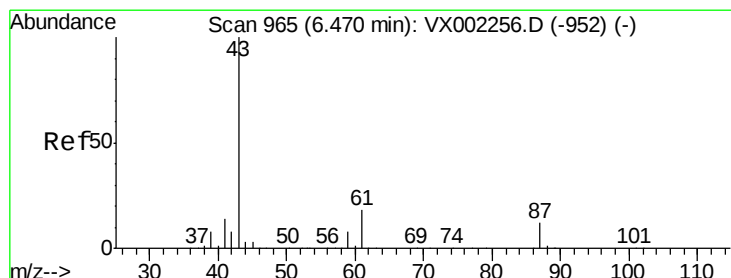
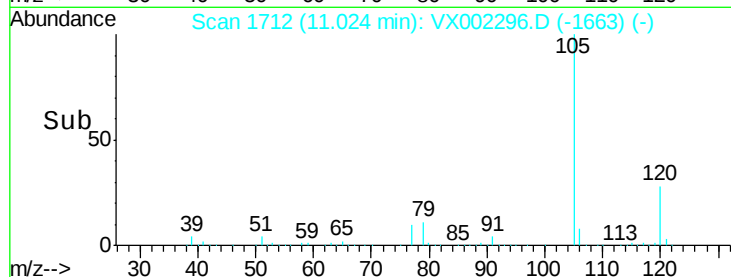
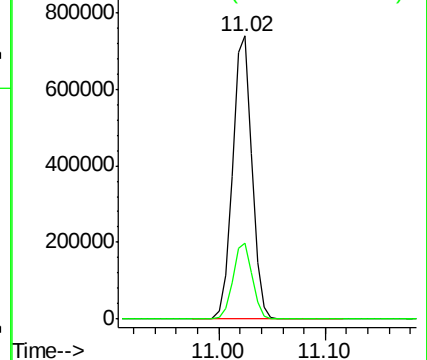
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.09 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Tgt Ion: 43 Resp: 409660

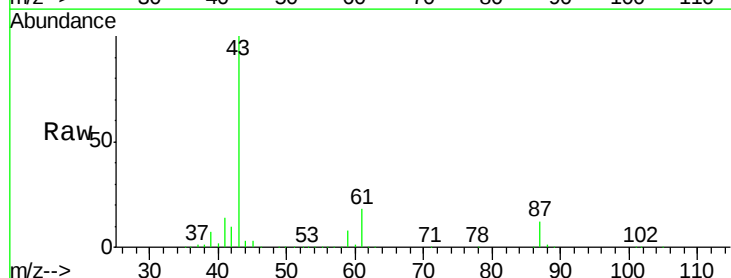
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.1 14.4 21.6

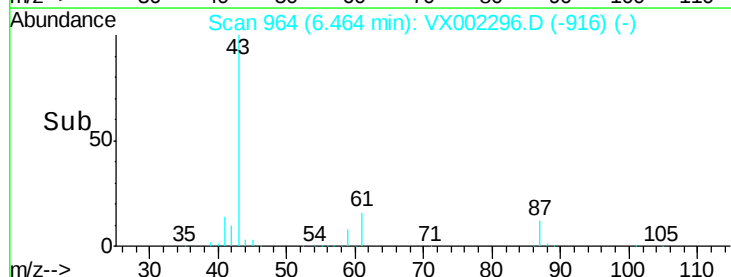
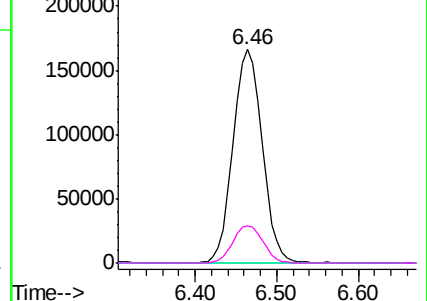


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 42.71 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

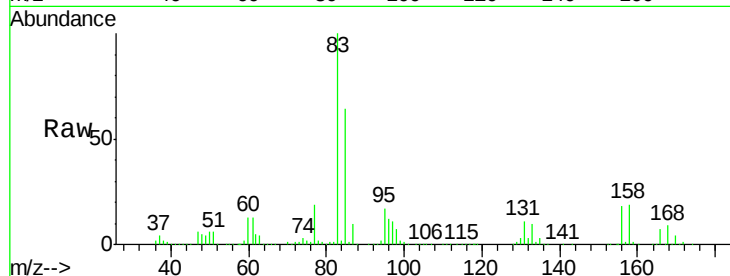
Tot Ion: 83 Resp: 248572

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

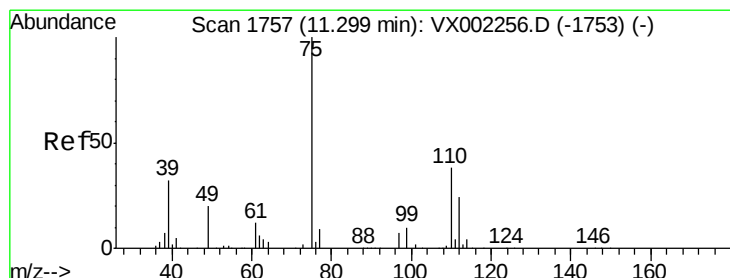
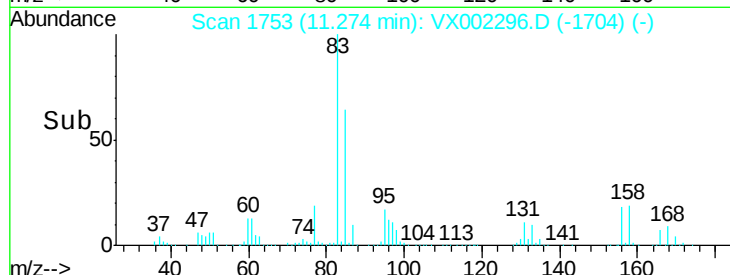
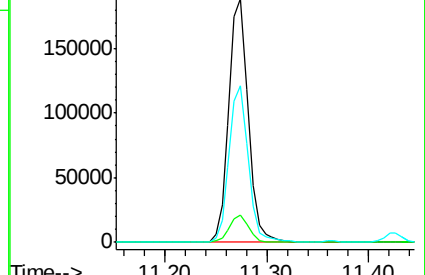
85 63.7 32.4 97.2



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: 51.93 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002296.D

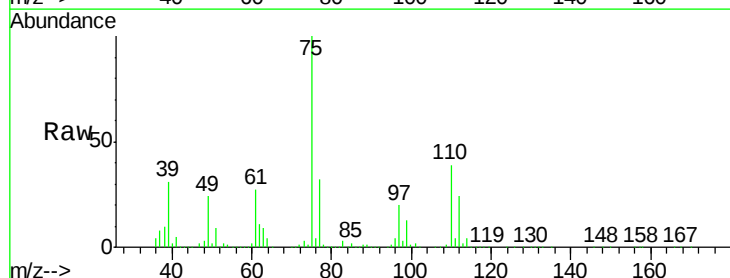
Acq: 05 Jun 2018 10:23

Tgt Ion: 75 Resp: 303061

Ion Ratio Lower Upper

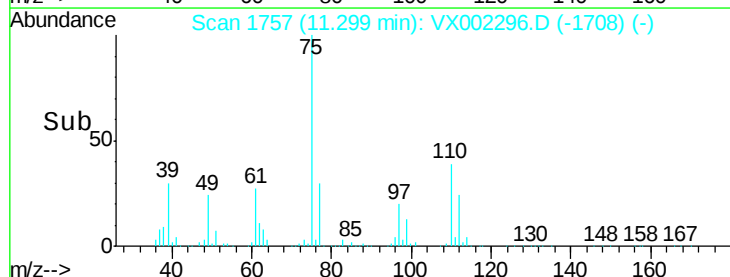
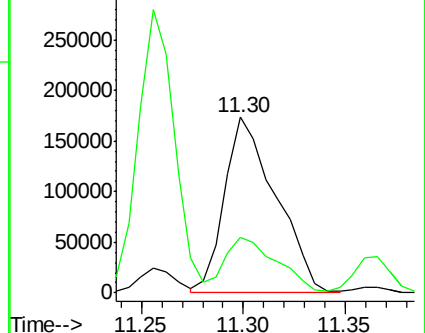
75 100

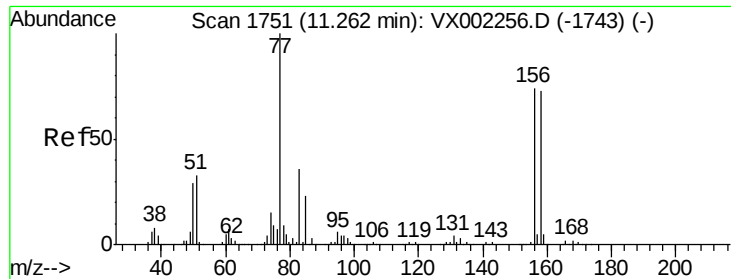
77 32.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.48 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

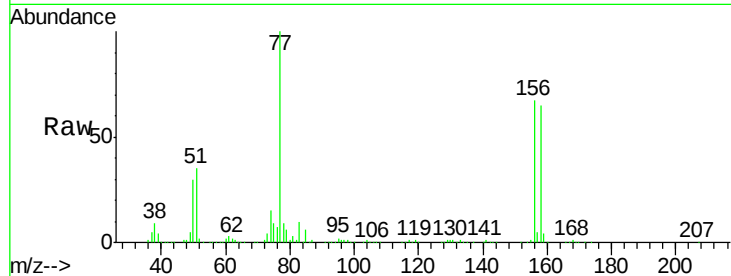
Tot Ion:156 Resp: 246650

Ion Ratio Lower Upper

156 100

77 140.6 71.4 214.2

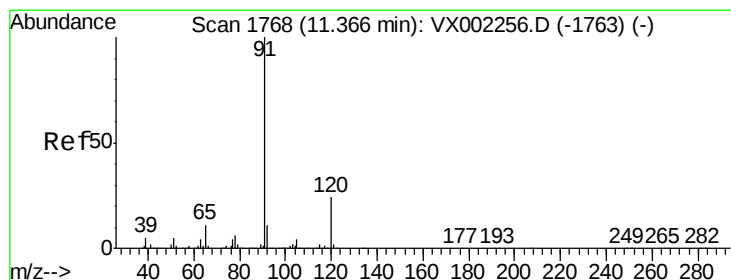
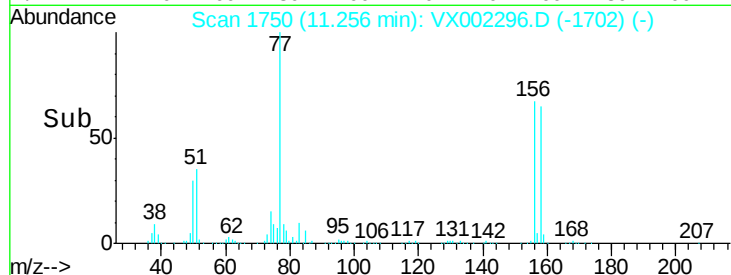
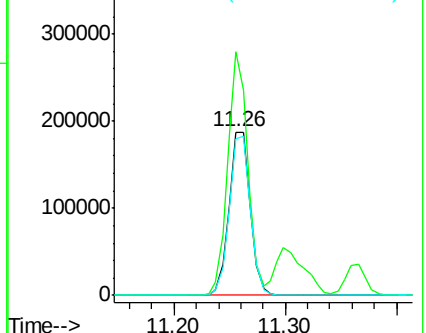
158 96.6 48.9 146.6



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: 53.06 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002296.D

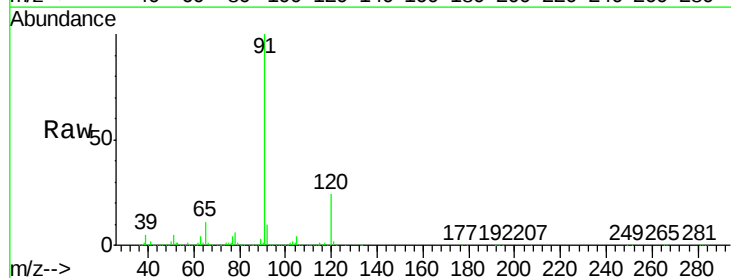
Acq: 05 Jun 2018 10:23

Tgt Ion: 91 Resp: 1091314

Ion Ratio Lower Upper

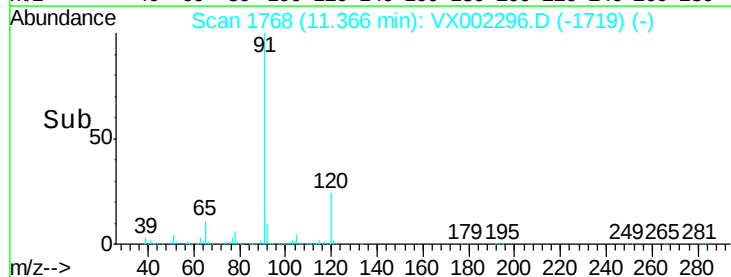
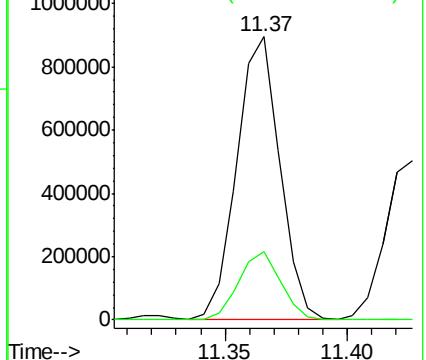
91 100

120 23.8 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: 48.22 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

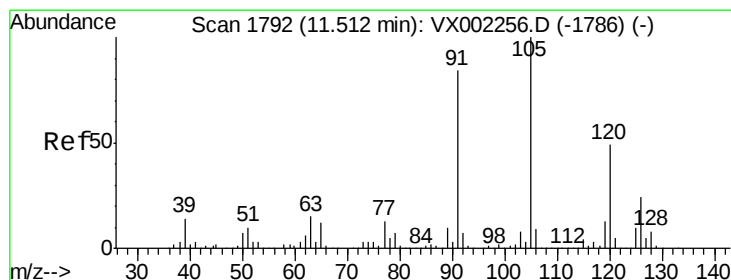
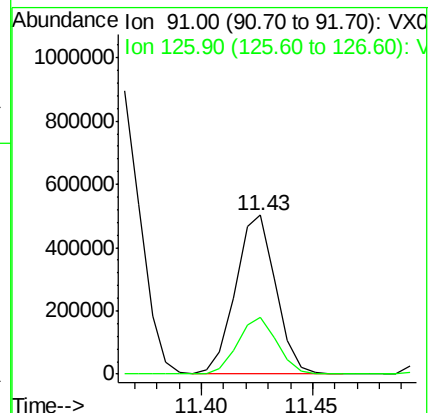
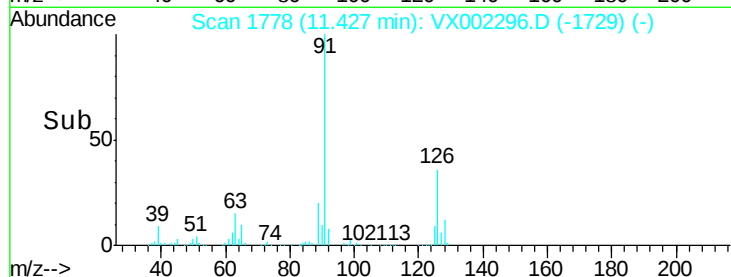
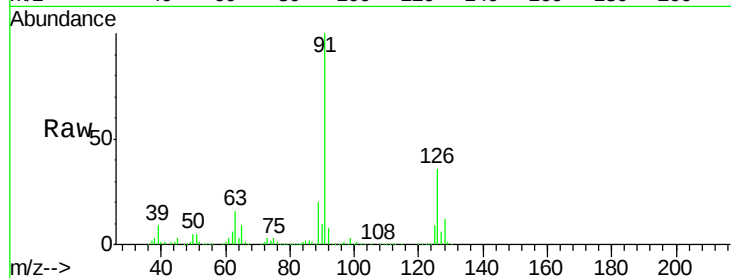
VSTDCCC050

Tot Ion: 91 Resp: 626162

Ion Ratio Lower Upper

91 100

126 35.5 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 50.72 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002296.D

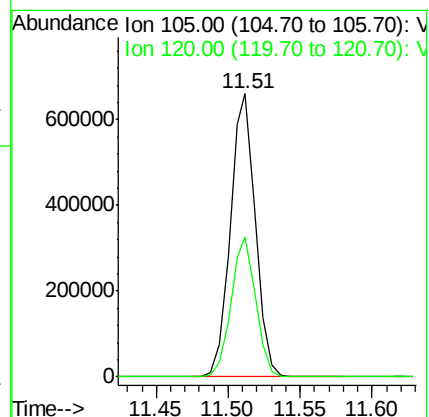
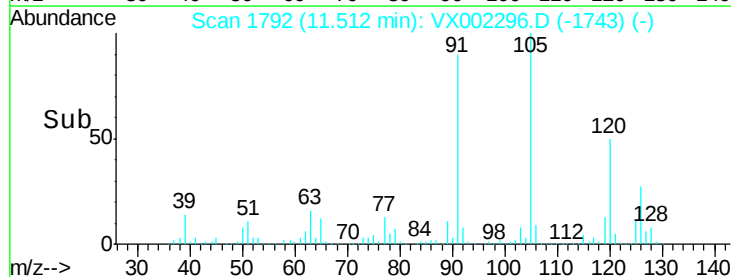
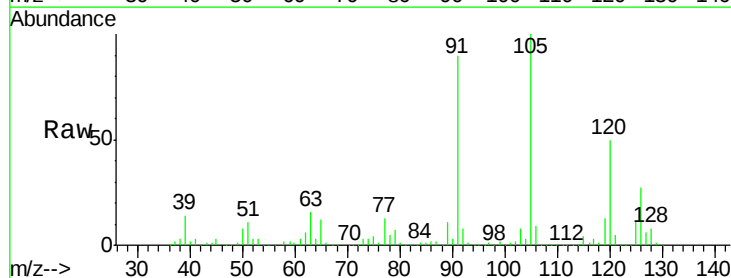
Acq: 05 Jun 2018 10:23

Tgt Ion: 105 Resp: 805011

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 45.32 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

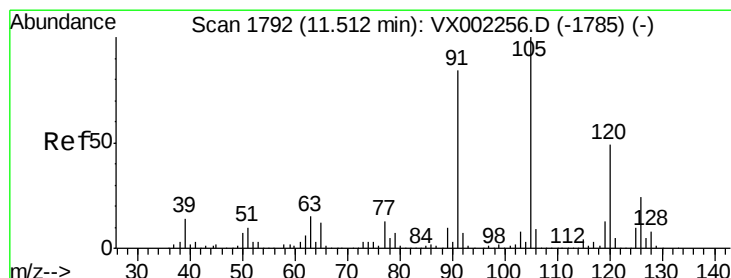
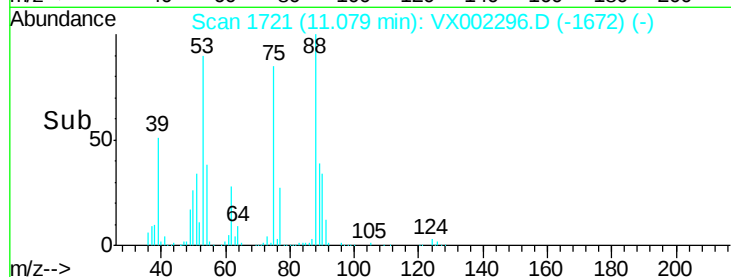
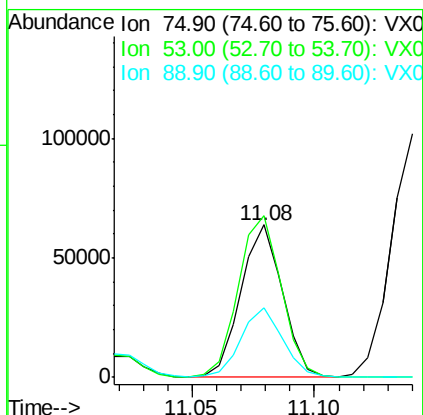
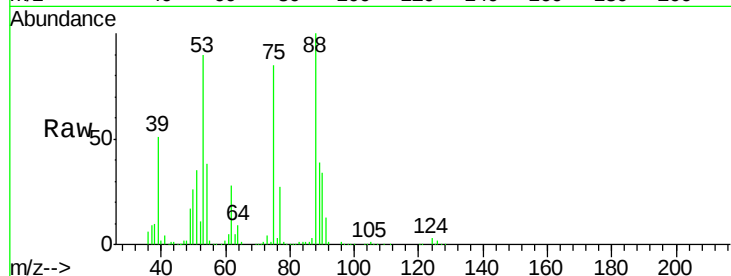
Tot Ion: 75 Resp: 75456

Ion Ratio Lower Upper

75 100

53 109.8 86.8 130.2

89 46.0 38.2 57.2



#82

4-Chlorotoluene

Concen: 50.35 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002296.D

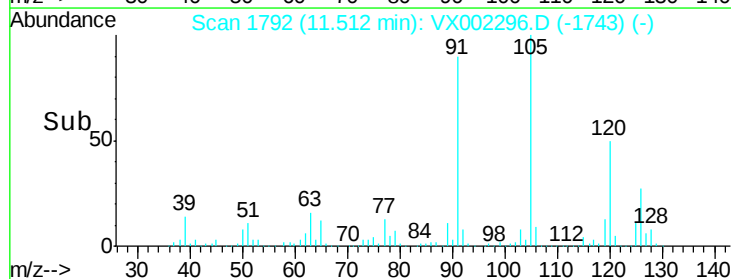
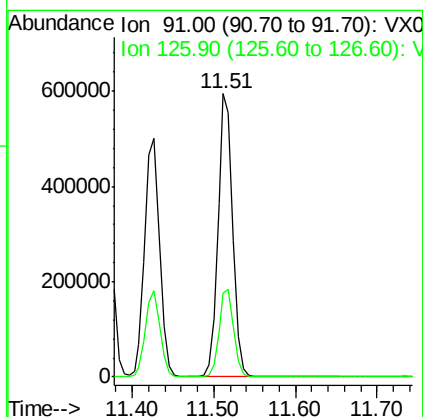
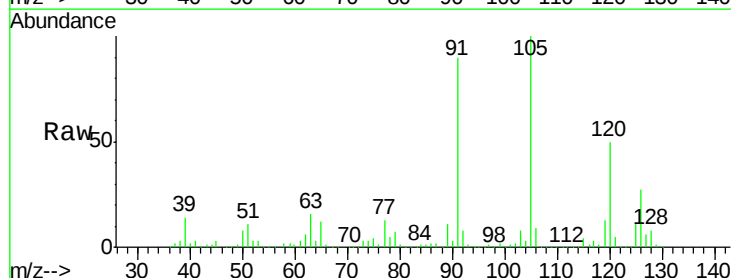
Acq: 05 Jun 2018 10:23

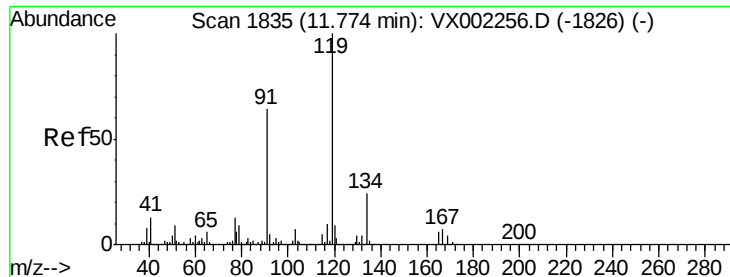
Tgt Ion: 91 Resp: 754662

Ion Ratio Lower Upper

91 100

126 30.9 15.4 46.4

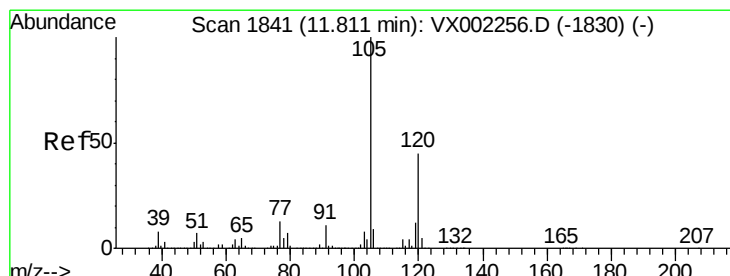
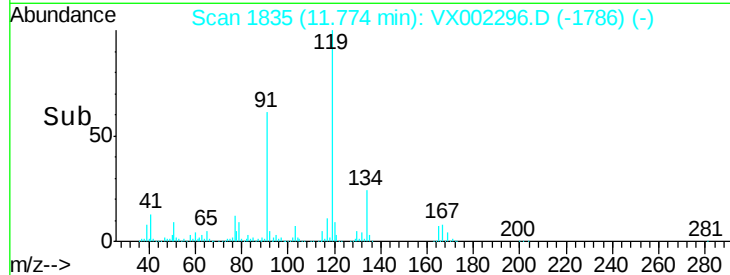
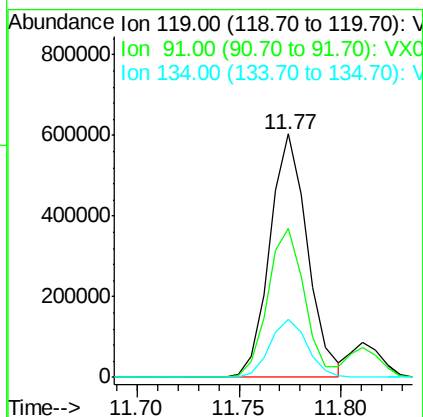
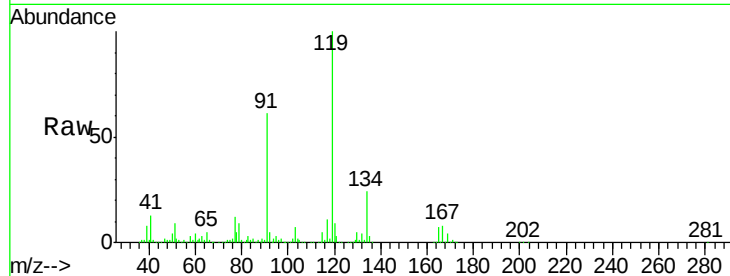




#83
 tert-Butylbenzene
 Concen: 50.12 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

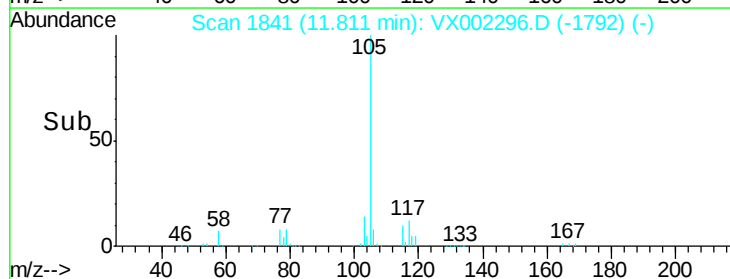
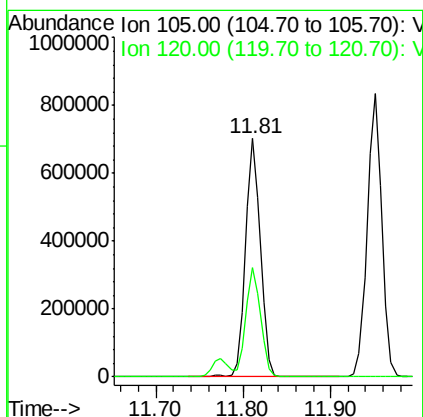
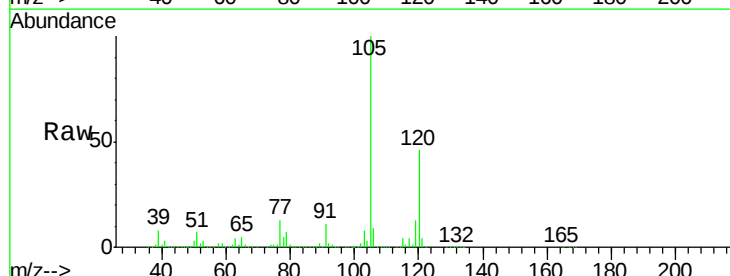
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

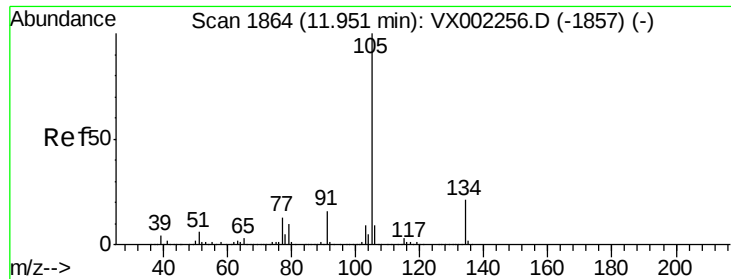
Tot Ion:119 Resp: 774573
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.77 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion:105 Resp: 829450
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 54.38 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

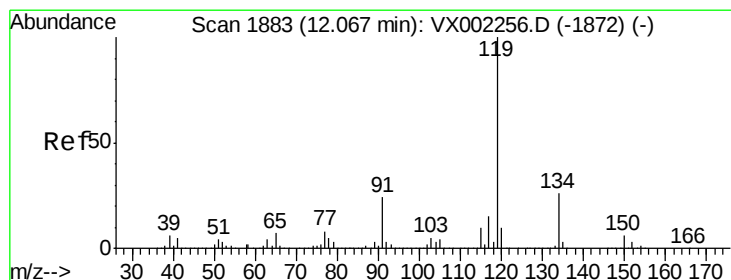
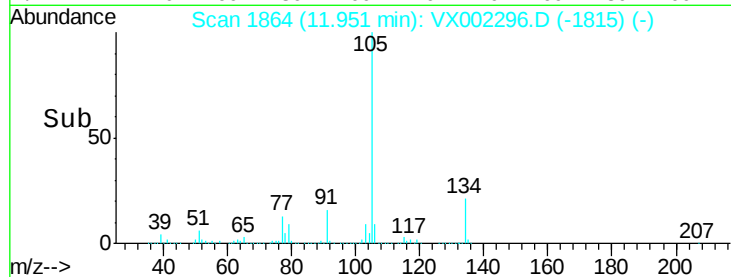
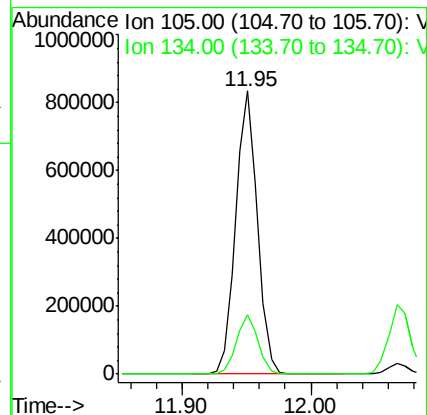
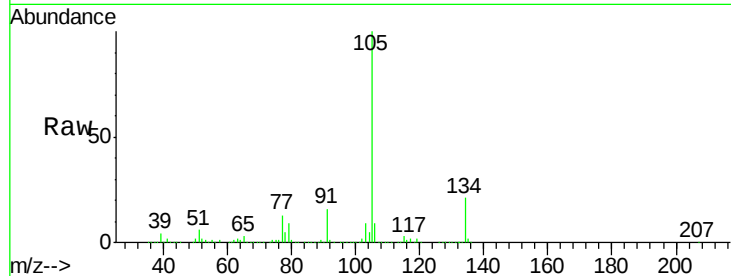
VSTDCCC050

Tot Ion:105 Resp: 985225

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 54.57 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

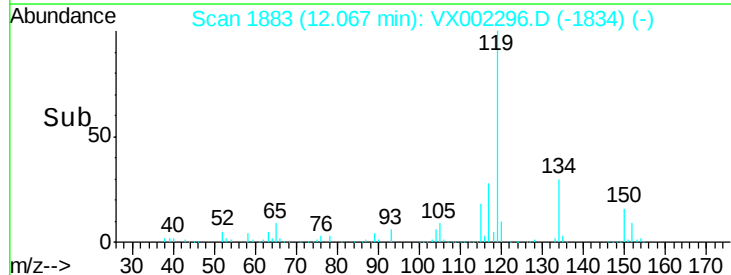
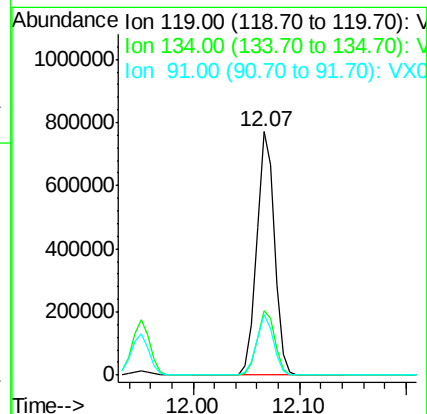
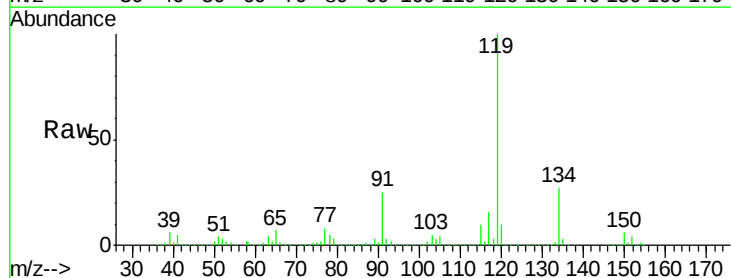
Tgt Ion:119 Resp: 900637

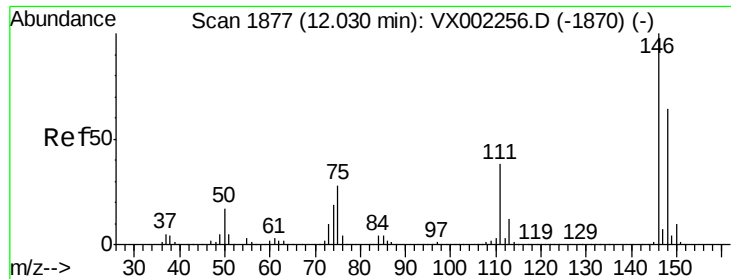
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 24.0 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 49.98 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

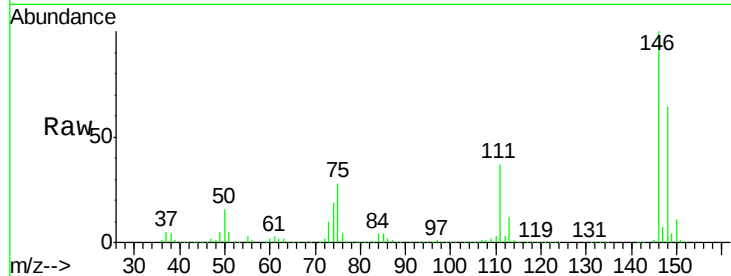
Tot Ion:146 Resp: 464210

Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.7

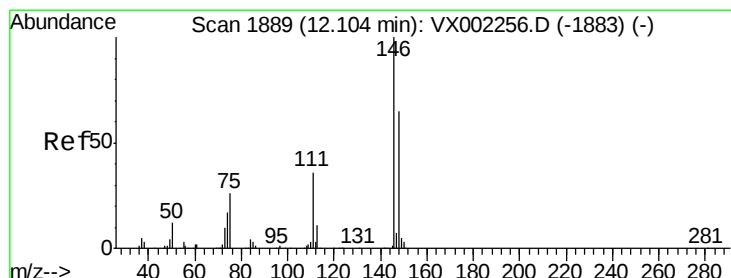
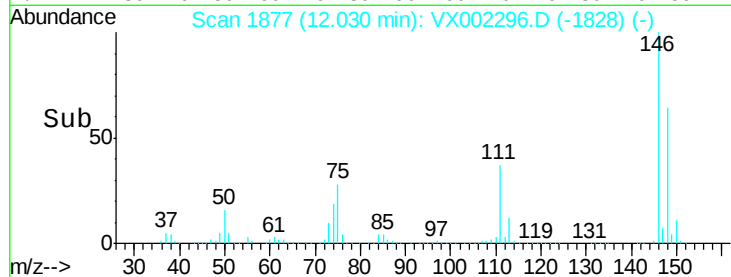
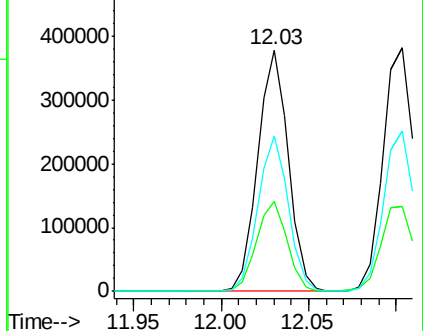
148 64.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.41 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

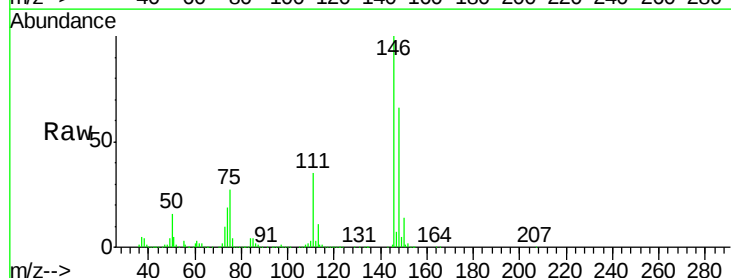
Tgt Ion:146 Resp: 472994

Ion Ratio Lower Upper

146 100

111 36.8 18.7 56.1

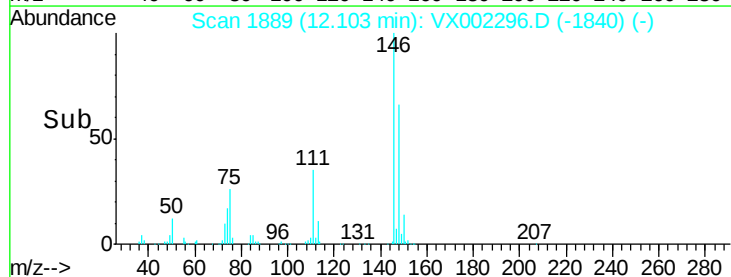
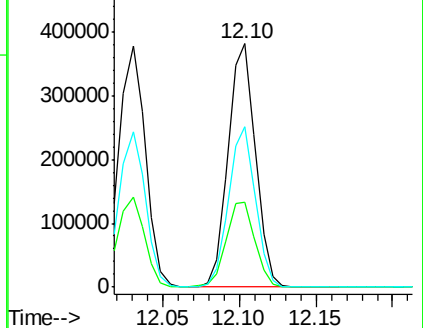
148 64.7 32.4 97.0

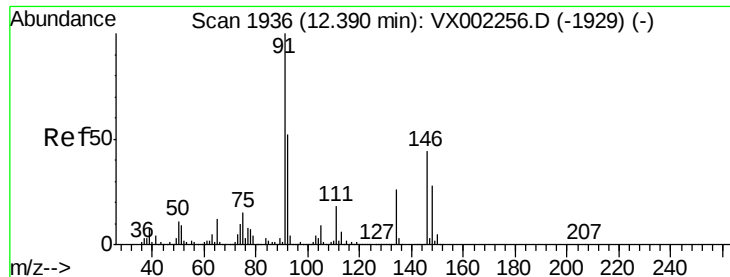


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 58.42 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

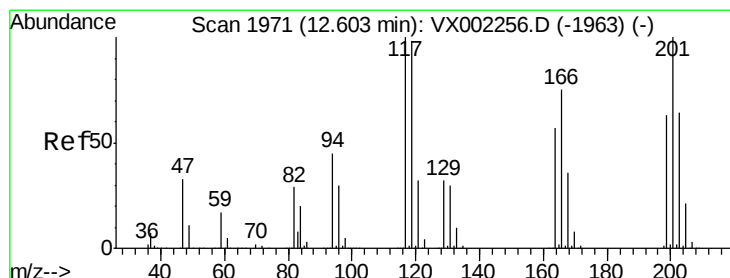
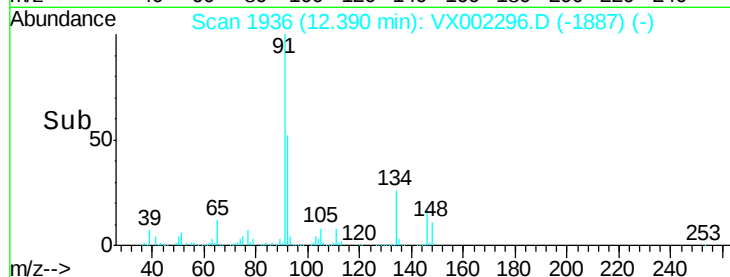
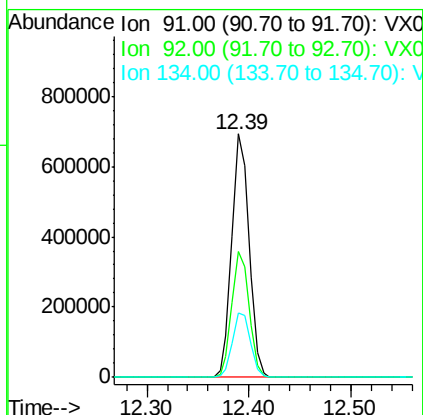
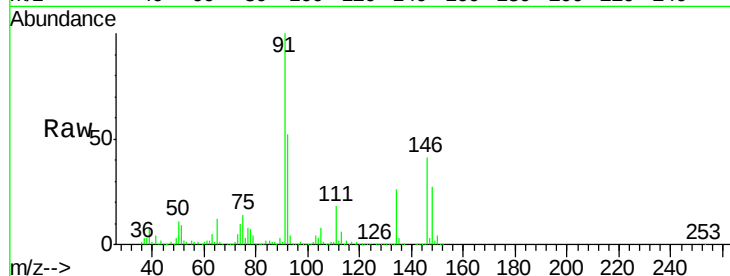
Tot Ion: 91 Resp: 808589

Ion Ratio Lower Upper

91 100

92 51.9 26.0 78.0

134 27.3 13.5 40.5



#90

Hexachloroethane

Concen: 50.04 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX002296.D

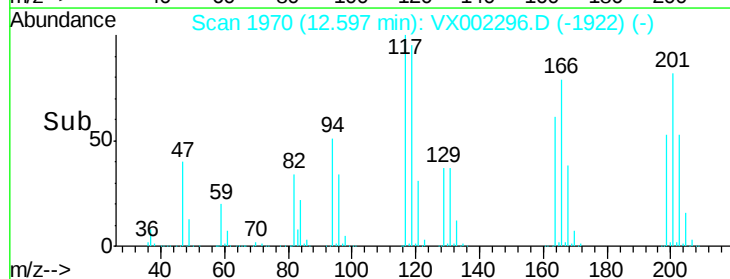
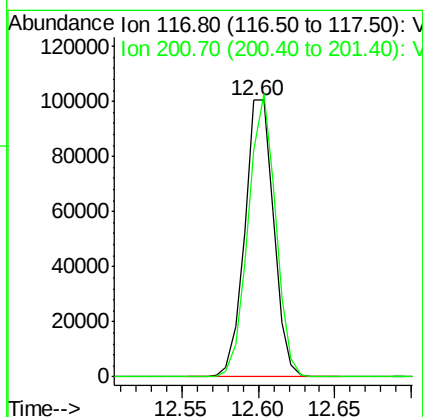
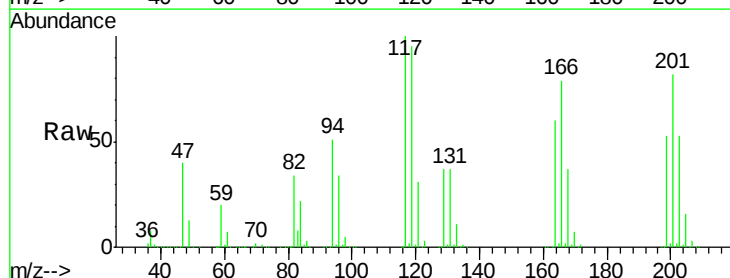
Acq: 05 Jun 2018 10:23

Tgt Ion: 117 Resp: 131824

Ion Ratio Lower Upper

117 100

201 96.8 49.0 147.0

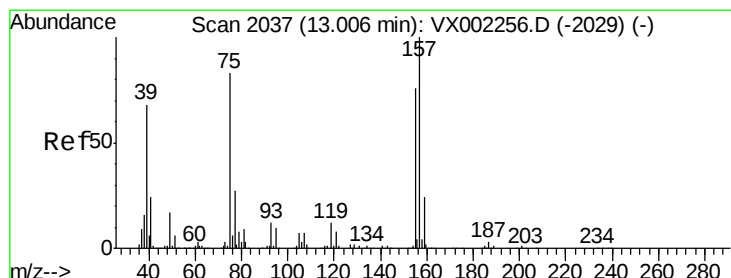
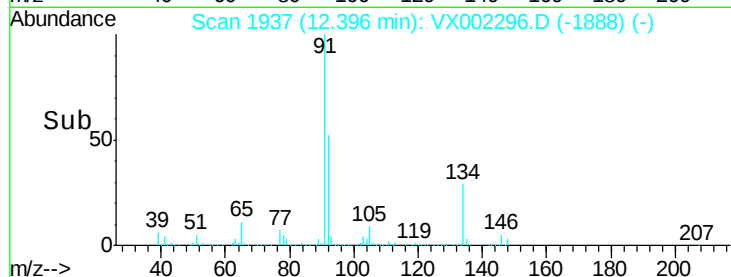
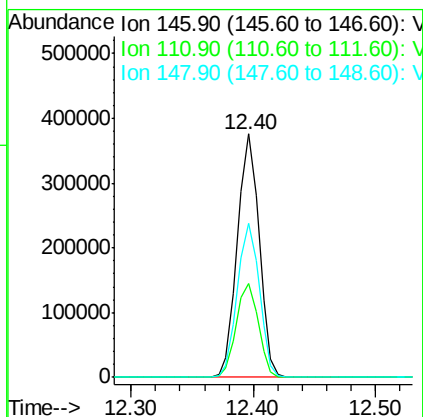
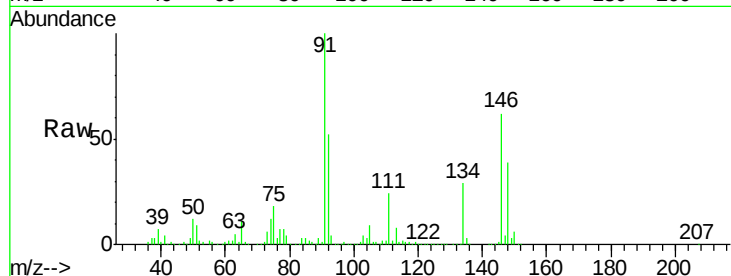




#91
1,2-Dichlorobenzene
Concen: 48.18 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

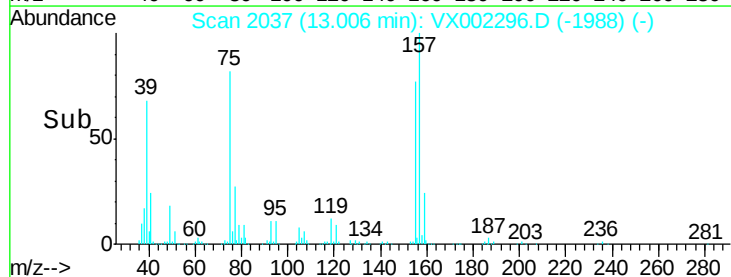
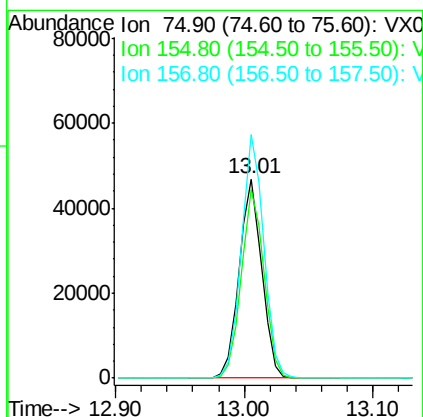
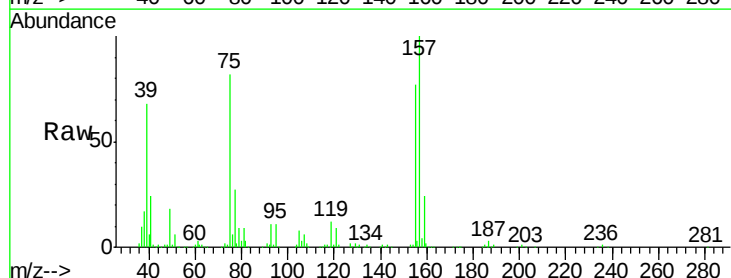
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

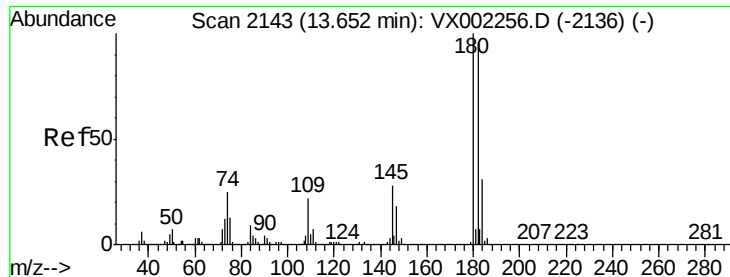
Tot Ion:146 Resp: 463007
Ion Ratio Lower Upper
146 100
111 39.2 19.4 58.1
148 64.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.68 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 75 Resp: 56858
Ion Ratio Lower Upper
75 100
155 94.5 45.8 137.4
157 120.7 60.1 180.3

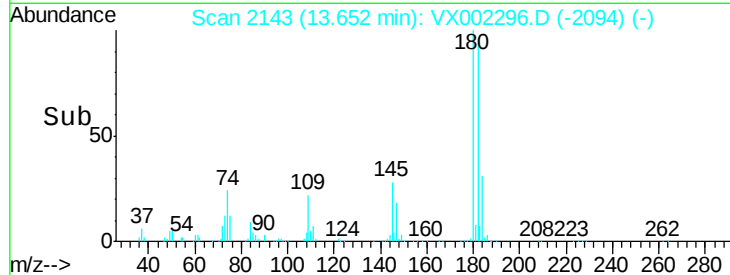
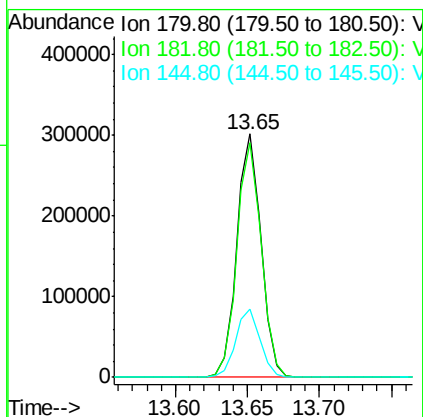
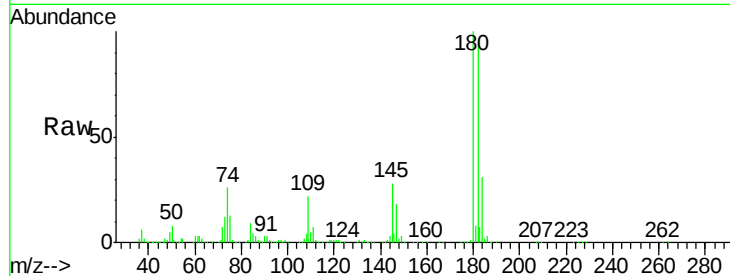




#93
 1,2,4-Trichlorobenzene
 Concen: 52.55 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

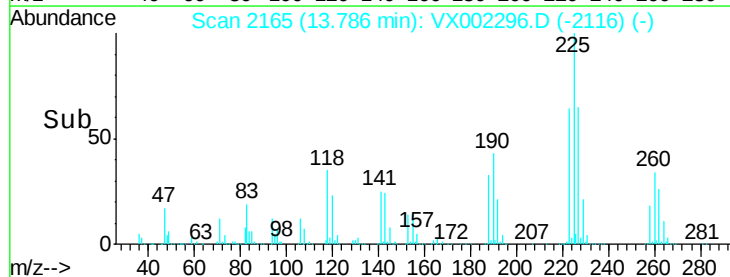
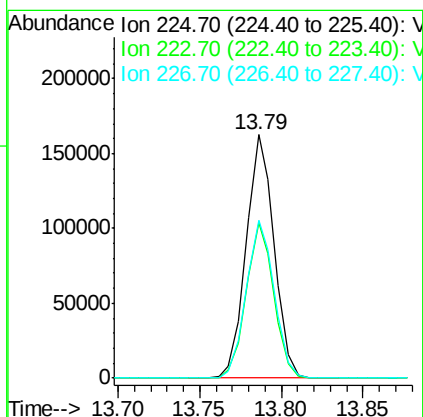
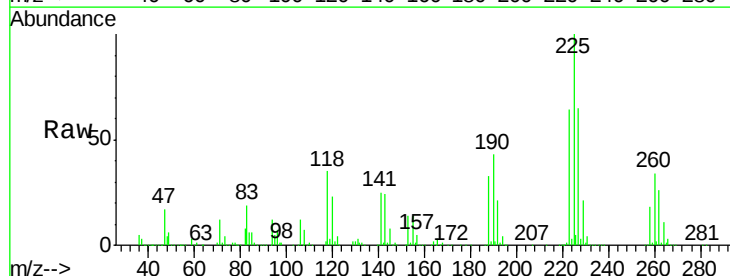
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.7	143.1
145	28.3	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 58.26 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.6	95.0
227	65.0	32.4	97.2





#95

Naphthalene

Concen: 48.55 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

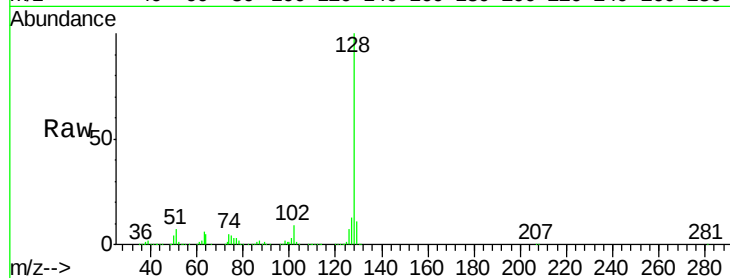
Tot Ion:128 Resp: 939853

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

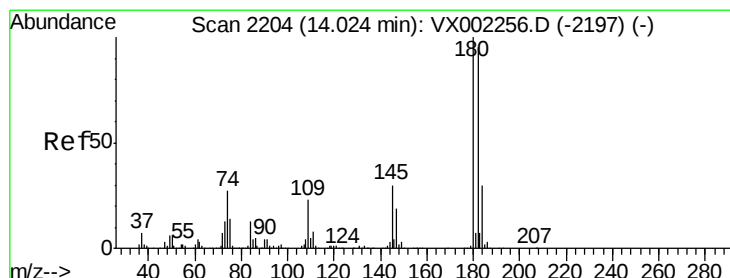
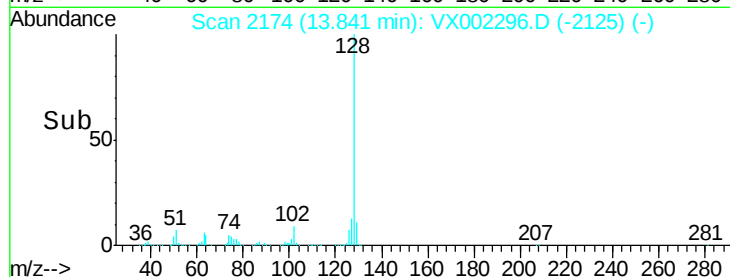
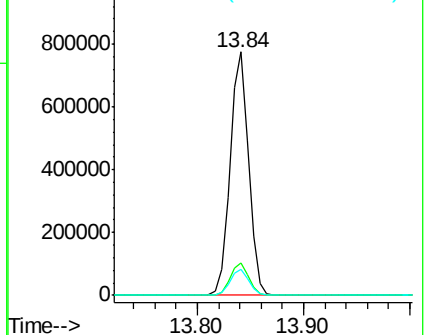
129 10.9 8.6 13.0



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: 51.47 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

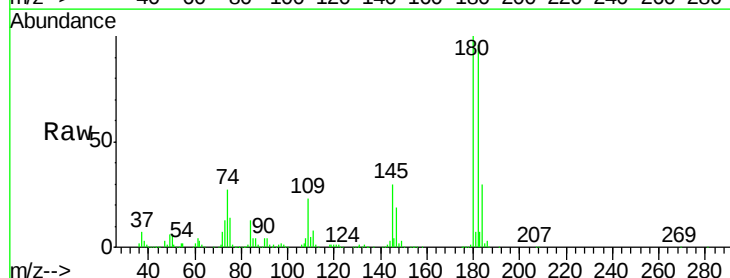
Tgt Ion:180 Resp: 353730

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.0

145 30.0 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

